

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002735.D
 Acq On : 20 Jun 2018 12:22
 Operator : JC/MD
 Sample : VX0620WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

Manual Integrations
 APPROVED

apatel
 6/22/2018 8:08:24 AM

Quant Time: Jun 21 04:11:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	284175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	234593	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	193592	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	
35) Dibromofluoromethane	5.50	113	154378	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	8.72	98	571010	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.14	95	216875	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	55993	18.56	ug/l	100
3) Chloromethane	1.32	50	58294	16.24	ug/l	99
4) Vinyl Chloride	1.40	62	64343	17.28	ug/l	97
5) Bromomethane	1.64	94	35312	15.72	ug/l	96
6) Chloroethane	1.73	64	42217	17.20	ug/l	98
7) Trichlorofluoromethane	1.93	101	110813	18.32	ug/l	96
8) Diethyl Ether	2.19	74	38369	16.67	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63705	18.84	ug/l	99
10) Methyl Iodide	2.51	142	46619	14.34	ug/l	99
11) Tert butyl alcohol	3.07	59	72423	81.13	ug/l	97
12) 1,1-Dichloroethene	2.37	96	55271	17.41	ug/l	95
13) Acrolein	2.29	56	36578	91.86	ug/l	100
14) Allyl chloride	2.73	41	106522	16.90	ug/l	98
15) Acrylonitrile	3.15	53	159130	81.69	ug/l	100
16) Acetone	2.45	43	176332	92.55	ug/l	99
17) Carbon Disulfide	2.57	76	139396	18.51	ug/l	98
18) Methyl Acetate	2.78	43	86086	16.96	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	196406	16.49	ug/l	100
20) Methylene Chloride	2.86	84	60978	15.61	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	57568	16.71	ug/l	99
22) Diisopropyl ether	3.87	45	206631	18.12	ug/l	96
23) Vinyl Acetate	3.82	43	889755	93.20	ug/l	100
24) 1,1-Dichloroethane	3.70	63	112393	18.15	ug/l	100
25) 2-Butanone	4.71	43	229139	91.58	ug/l	99
26) 2,2-Dichloropropane	4.59	77	84081	18.90	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	62978	17.97	ug/l	96
28) Bromochloromethane	5.03	49	53651	18.51	ug/l	94
29) Tetrahydrofuran	5.16	42	140715	85.81	ug/l	98
30) Chloroform	5.22	83	109126	18.28	ug/l	100
31) Cyclohexane	5.57	56	94286	18.50	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	96492	19.33	ug/l	100
36) 1,1-Dichloropropene	5.80	75	80631	19.68	ug/l	99
37) Ethyl Acetate	4.86	43	86581	18.67	ug/l	99
38) Carbon Tetrachloride	5.78	117	85424	20.94	ug/l	97

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 ClientSampled :
 VX0620WBS01

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 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97188	20.30	ug/l	98
40) Benzene	6.15	78	235032	19.14	ug/l	99
41) Methacrylonitrile	5.06	41	49479	18.90	ug/l	98
42) 1,2-Dichloroethane	6.20	62	91579	19.26	ug/l	100
43) Isopropyl Acetate	6.46	43	141144	18.37	ug/l	100
44) Trichloroethene	7.21	130	68883	19.43	ug/l	100
45) 1,2-Dichloropropane	7.52	63	61493	19.02	ug/l	99
46) Dibromomethane	7.67	93	43043	19.91	ug/l	99
47) Bromodichloromethane	7.90	83	77871	20.42	ug/l	100
48) Methyl methacrylate	7.78	41	73650	18.76	ug/l	99
49) 1,4-Dioxane	7.76	88	27236	366.39	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	458616	92.99	ug/l	99
52) Toluene	8.79	92	153971	19.65	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	90202	19.41	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	82544	19.25	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	61710	19.49	ug/l	97
56) Ethyl methacrylate	9.18	69	90707	18.62	ug/l	98
57) 1,3-Dichloropropane	9.37	76	102030	19.06	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	169861	72.08	ug/l	99
59) 2-Hexanone	9.50	43	356117	95.82	ug/l	98
60) Dibromochloromethane	9.59	129	61553	19.74	ug/l	100
61) 1,2-Dibromoethane	9.68	107	65208	19.89	ug/l	99
64) Tetrachloroethene	9.34	164	78069	19.09	ug/l	98
65) Chlorobenzene	10.14	112	179174	19.80	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	63240	20.50	ug/l	99
67) Ethyl Benzene	10.26	91	301143	19.73	ug/l	100
68) m/p-Xylenes	10.36	106	233258	39.62	ug/l	100
69) o-Xylene	10.70	106	111775	19.32	ug/l	99
70) Styrene	10.71	104	187209	19.68	ug/l	99
71) Bromoform	10.86	173	45965	19.62	ug/l #	99
73) Isopropylbenzene	11.02	105	306911	19.56	ug/l	100
74) N-amyl acetate	6.46	43	141144	18.11	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	91012	19.64	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	81612m	18.44	ug/l	
77) Bromobenzene	11.26	156	84052	19.23	ug/l	98
78) n-propylbenzene	11.36	91	353500	19.65	ug/l	99
79) 2-Chlorotoluene	11.42	91	206289	19.20	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	260870	19.67	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	23109	19.49	ug/l	93
82) 4-Chlorotoluene	11.51	91	248509	19.60	ug/l	100
83) tert-Butylbenzene	11.77	119	250757	19.63	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	269339	19.91	ug/l	99
85) sec-Butylbenzene	11.95	105	316207	19.91	ug/l	100
86) p-Isopropyltoluene	12.07	119	285749	19.88	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	156348	19.50	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	160784	19.71	ug/l	99
89) n-Butylbenzene	12.39	91	248579	19.61	ug/l	100
90) Hexachloroethane	12.60	117	38528	18.92	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	154883	19.20	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19760	20.36	ug/l	96

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ClientSampleId :
VX0620WBS01

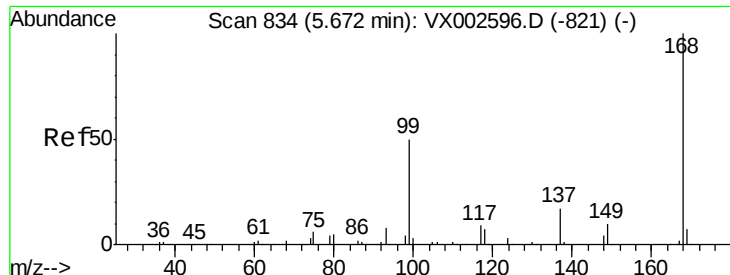
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	115989	19.81	ug/l	100
94) Hexachlorobutadiene	13.79	225	61430	19.92	ug/l	98
95) Naphthalene	13.84	128	313127	19.87	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	116435	19.80	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



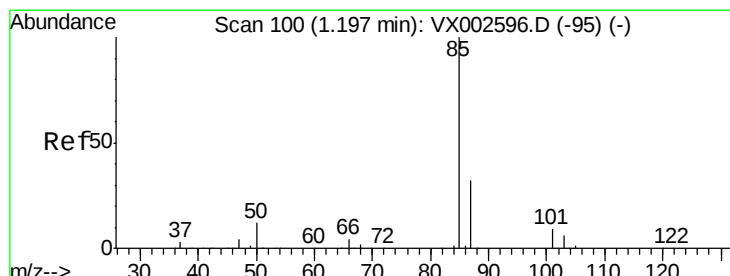
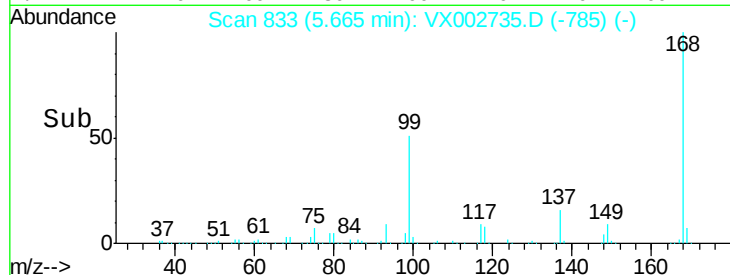
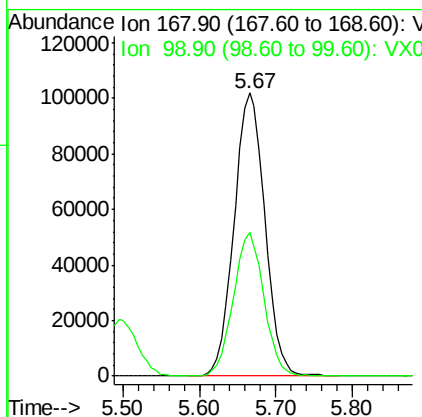
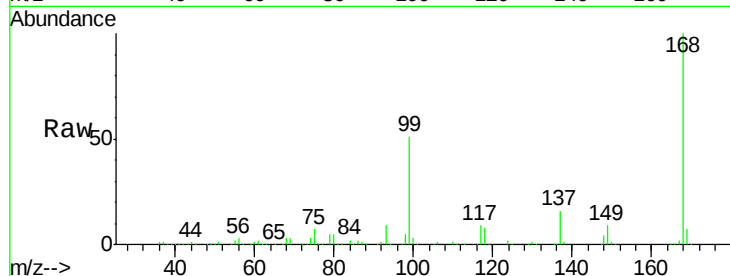
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	284175		
99	50.8	39.3	58.9	

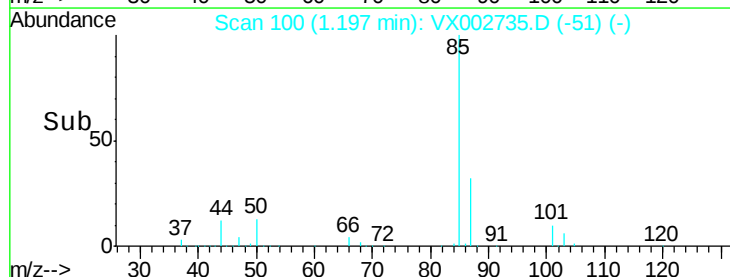
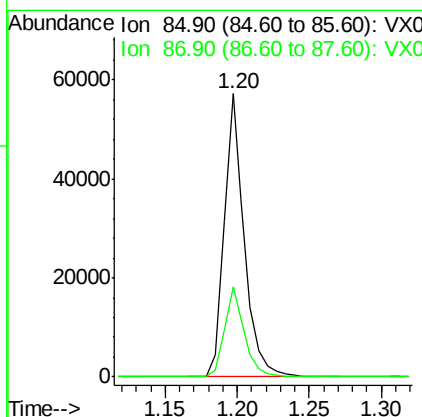
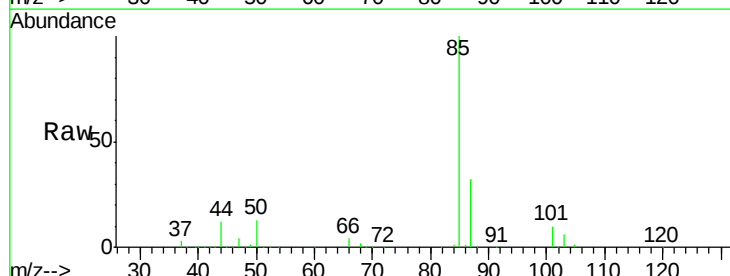
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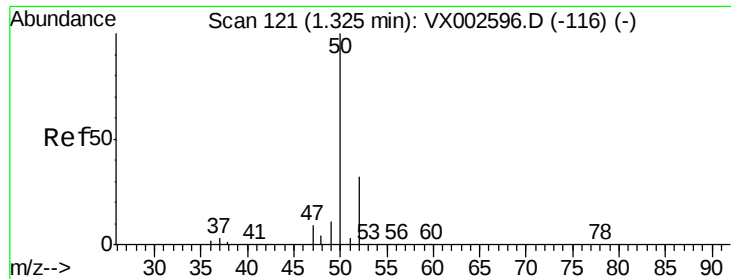
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#2
Dichlorodifluoromethane
Concen: 18.56 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	55993		
87	32.0	16.0	47.9	





#3

Chloromethane

Concen: 16.24 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion: 50 Resp: 58294

Ion Ratio Lower Upper

50 100

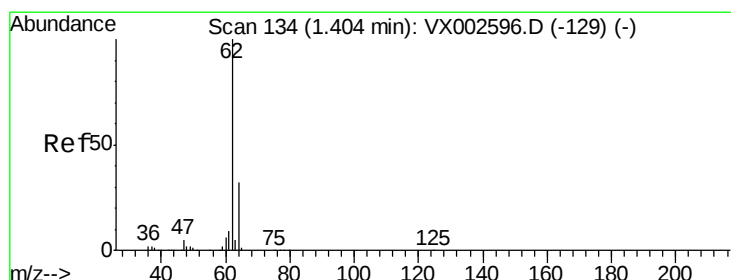
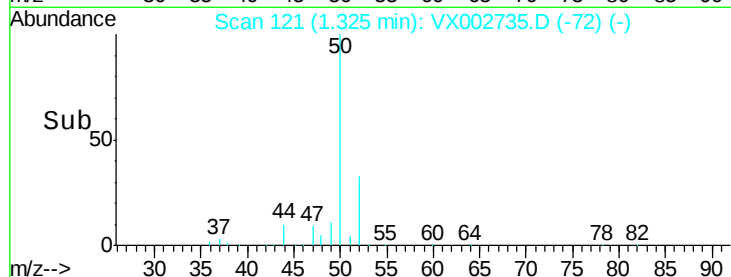
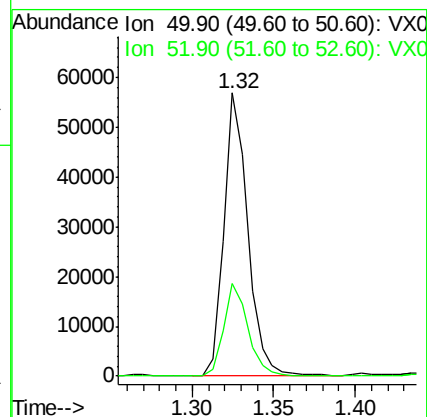
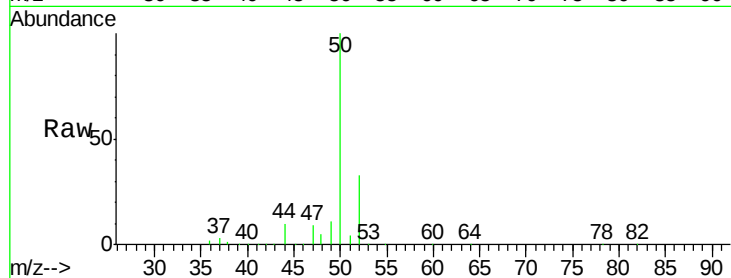
52 32.9 25.7 38.5

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#4

Vinyl Chloride

Concen: 17.28 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002735.D

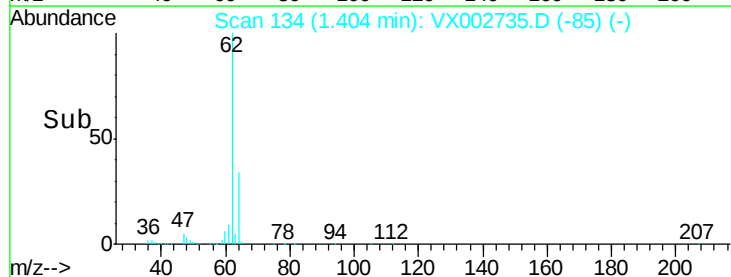
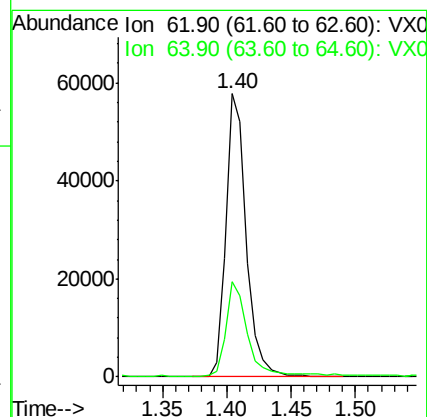
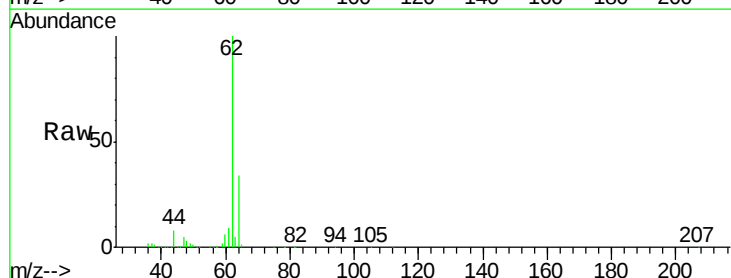
Acq: 20 Jun 2018 12:22

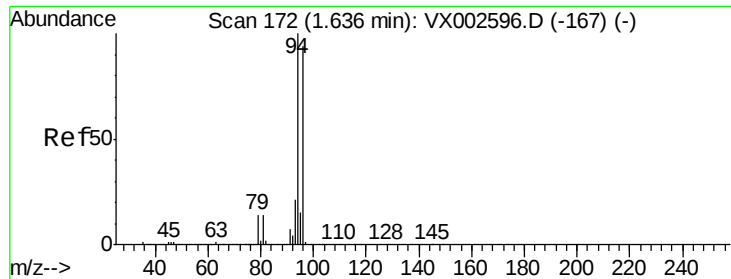
Tgt Ion: 62 Resp: 64343

Ion Ratio Lower Upper

62 100

64 33.5 25.4 38.2





#5

Bromomethane

Concen: 15.72 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion: 94 Resp: 35312

Ion Ratio Lower Upper

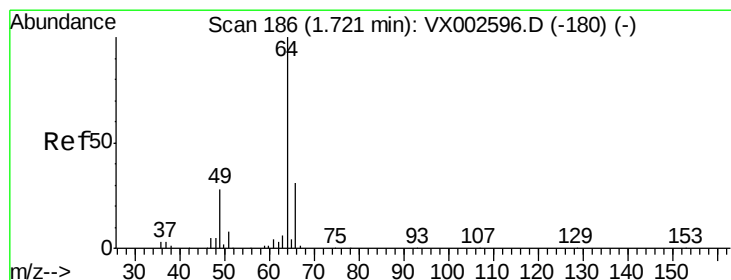
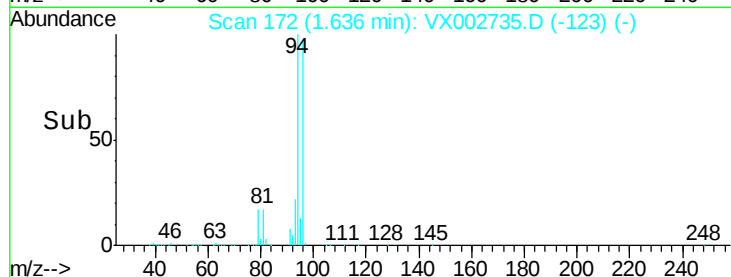
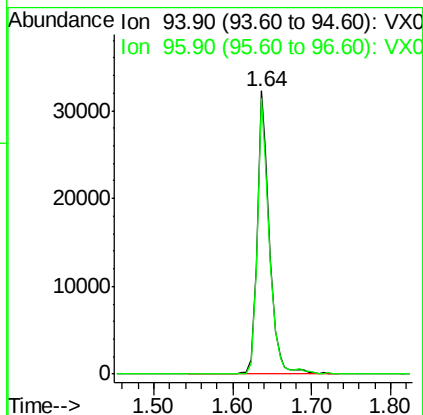
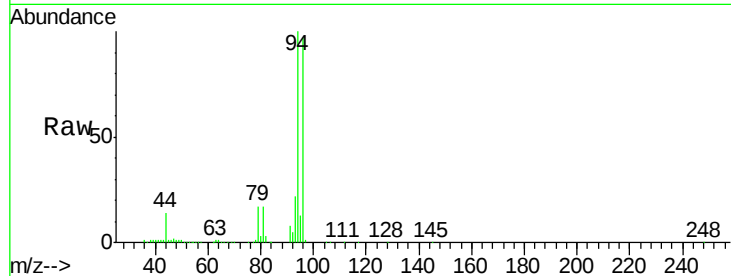
94 100

96 97.3 74.9 112.3

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#6

Chloroethane

Concen: 17.20 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002735.D

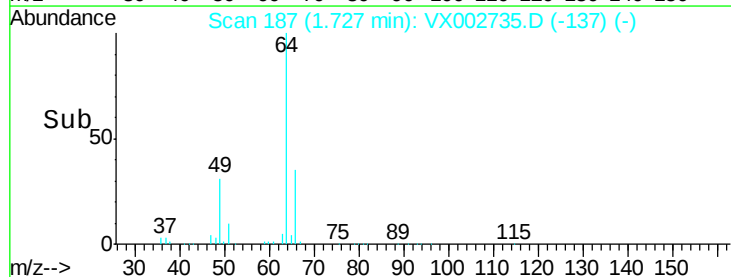
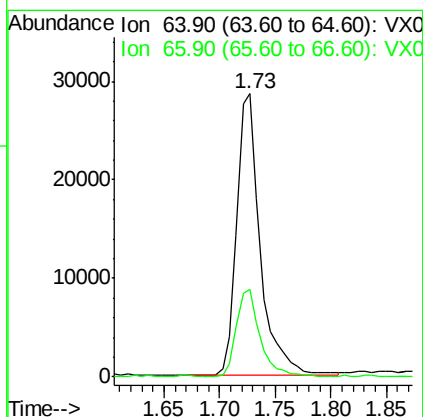
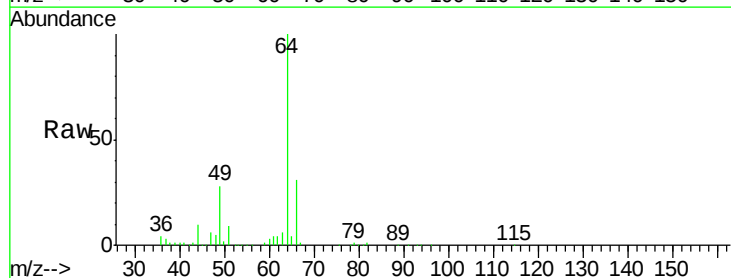
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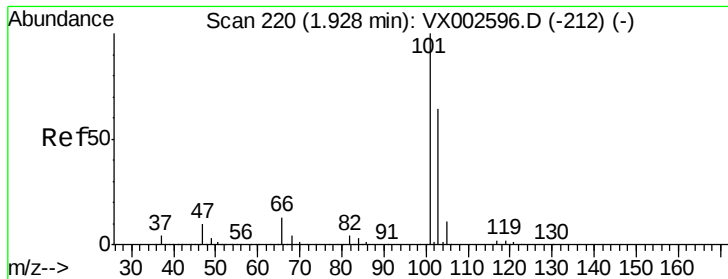
Tgt Ion: 64 Resp: 42217

Ion Ratio Lower Upper

64 100

66 30.9 25.5 38.3





#7

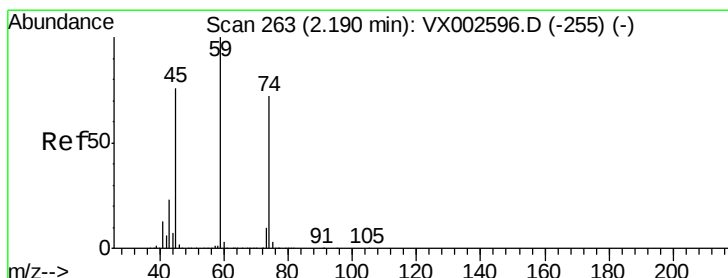
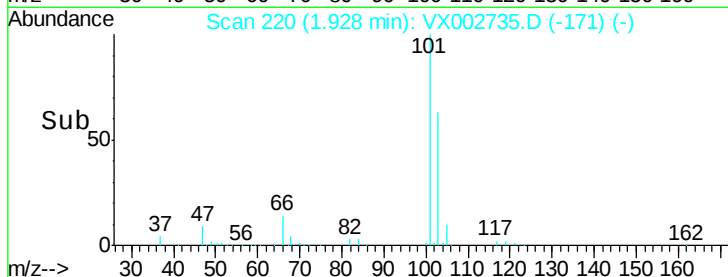
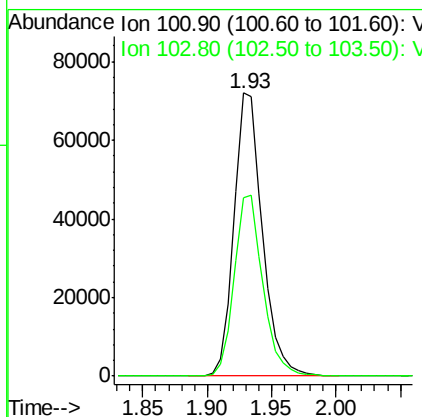
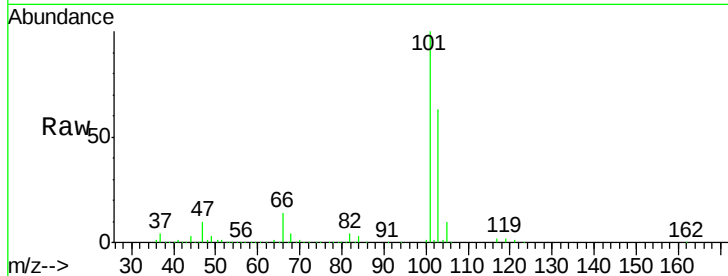
Trichlorofluoromethane
 Concen: 18.32 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	52.8	79.2

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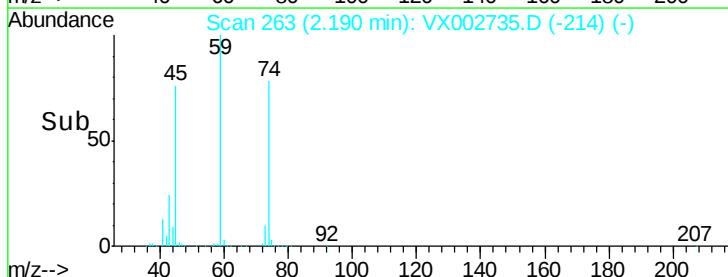
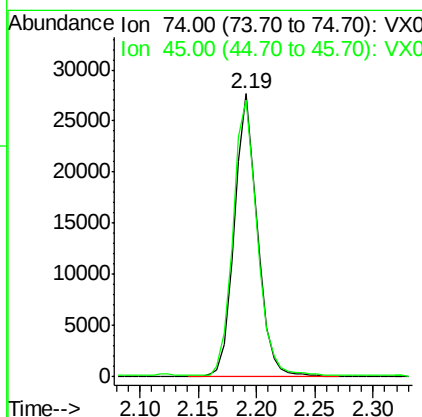
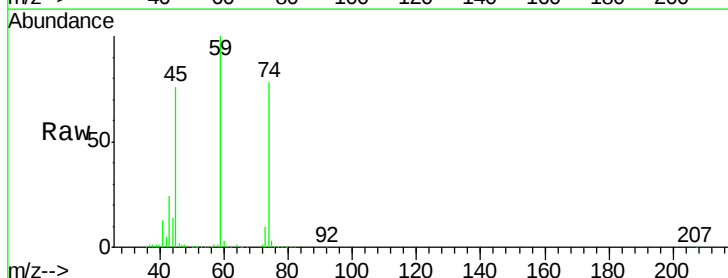
apatel
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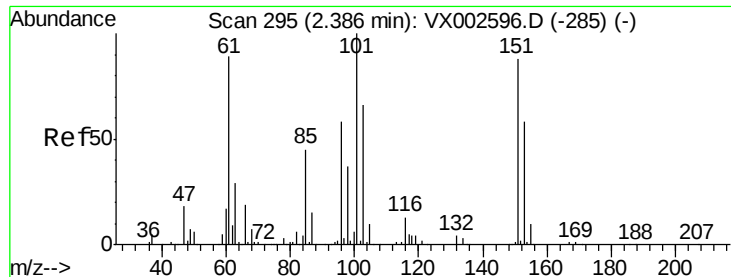


#8

Diethyl Ether
 Concen: 16.67 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.0	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.84 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

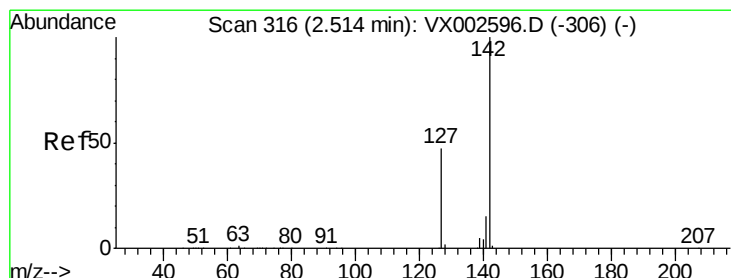
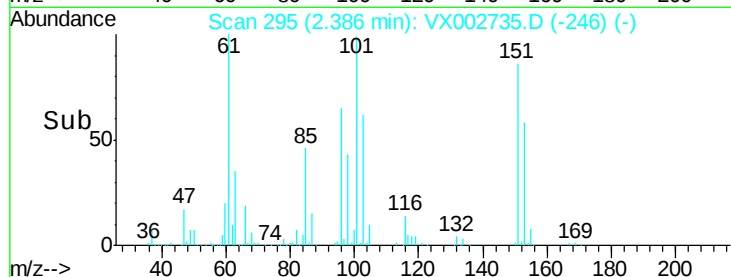
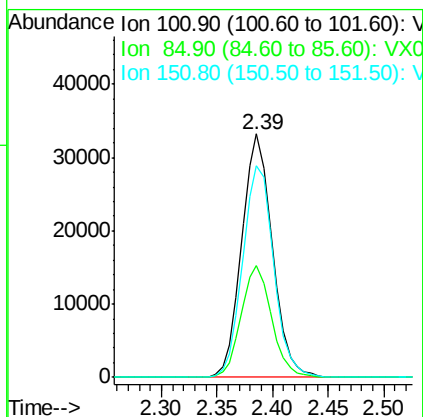
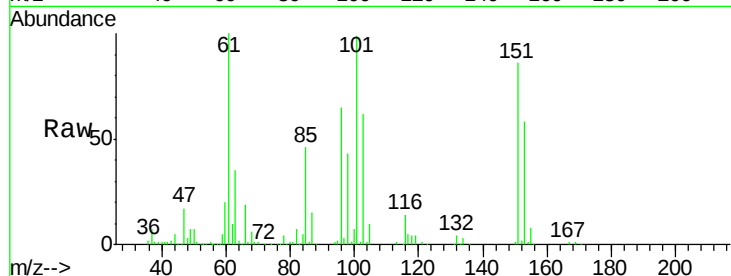
ClientSampleId :

VX0620WBS01

Tot Ion:	101	Resp:	63705
Ion Ratio	Lower	Upper	
101	100		
85	45.8	36.0	54.0
151	88.3	70.9	106.3

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#10

Methyl Iodide

Concen: 14.34 ug/l

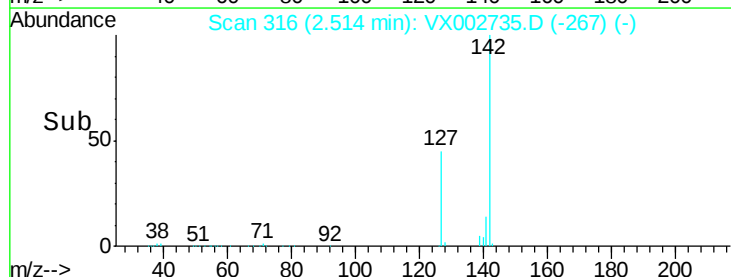
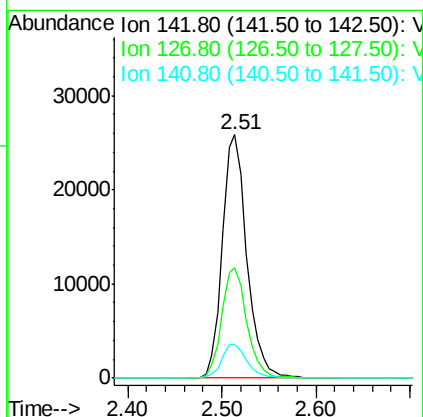
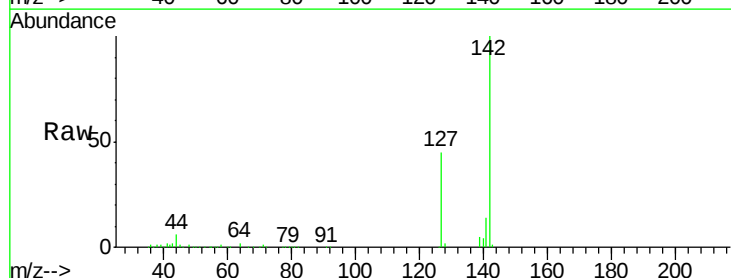
RT: 2.51 min Scan# 316

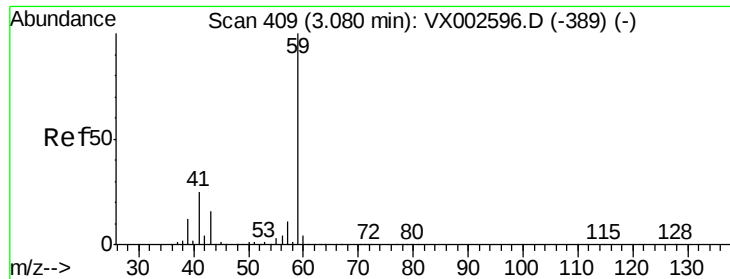
Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Tgt Ion:	142	Resp:	46619
Ion Ratio	Lower	Upper	
142	100		
127	46.4	36.6	55.0
141	14.4	11.3	16.9





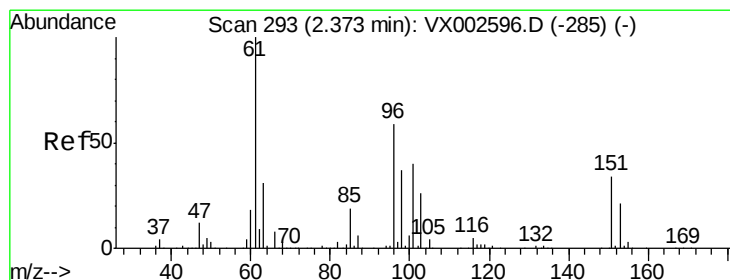
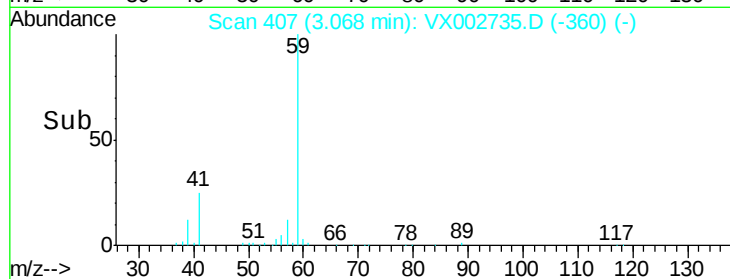
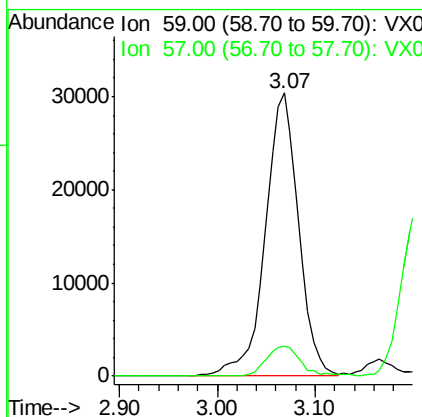
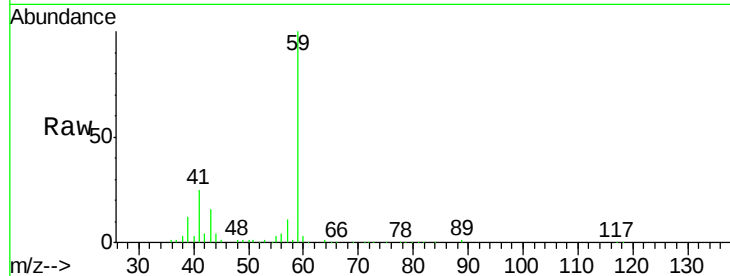
#11
Tert butyl alcohol
Concen: 81.13 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion: 59 Resp: 72423
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.2

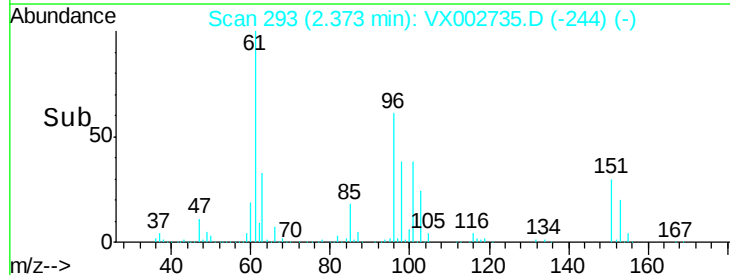
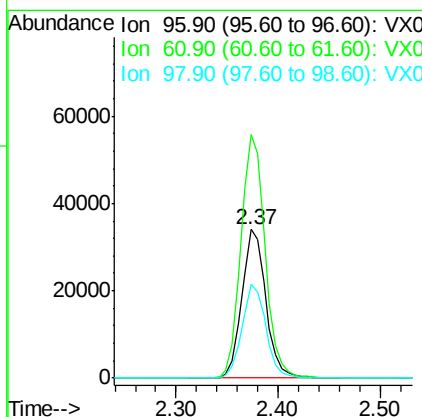
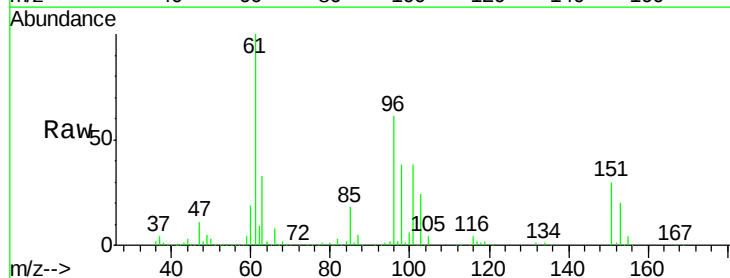
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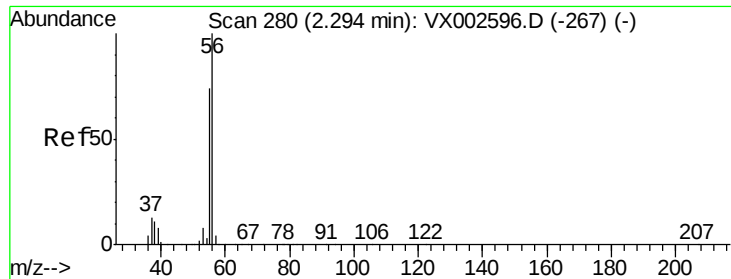
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#12
1,1-Dichloroethene
Concen: 17.41 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion: 96 Resp: 55271
Ion Ratio Lower Upper
96 100
61 163.7 137.9 206.9
98 62.7 51.6 77.4





#13

Acrolein

Concen: 91.86 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion: 56 Resp: 36578

Ion Ratio Lower Upper

56 100

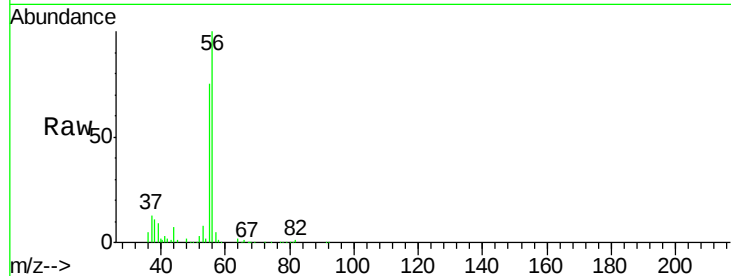
55 70.9 57.0 85.4

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

25000

20000

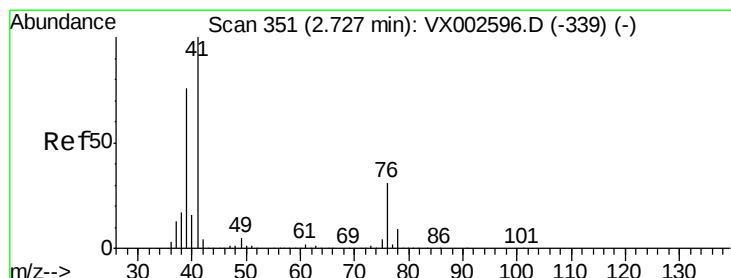
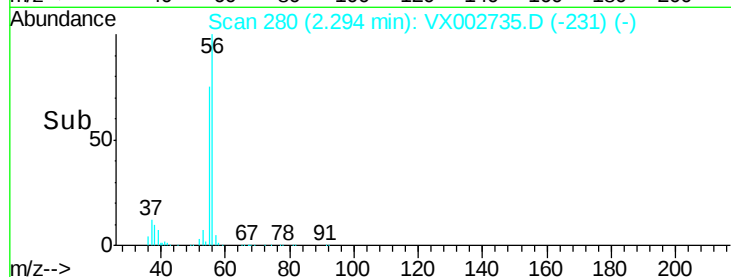
15000

10000

5000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 16.90 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

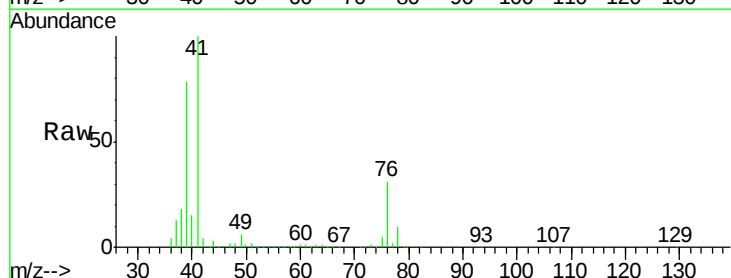
Tgt Ion: 41 Resp: 106522

Ion Ratio Lower Upper

41 100

39 72.6 56.8 85.2

76 30.4 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

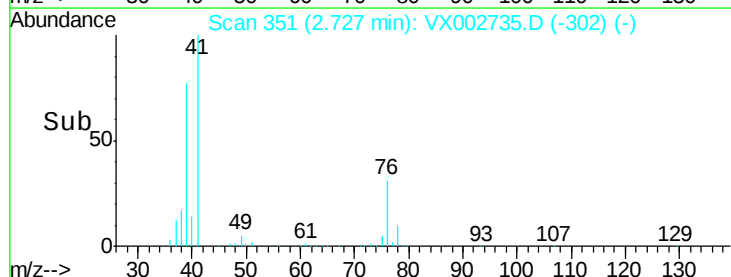
60000

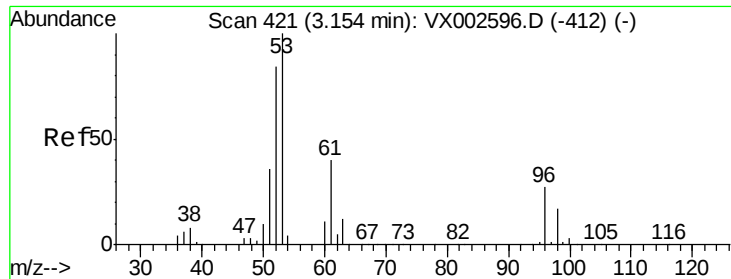
40000

20000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 81.69 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

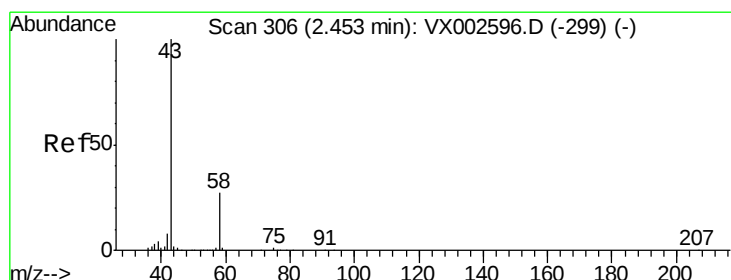
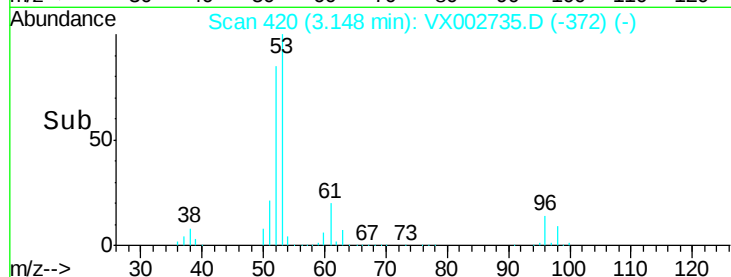
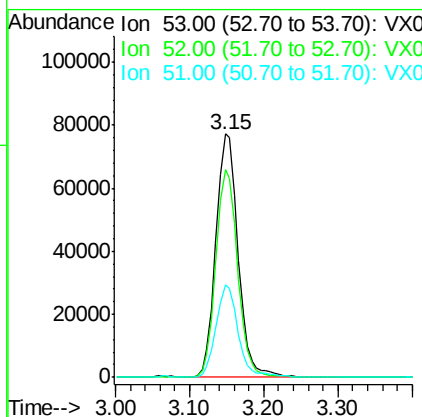
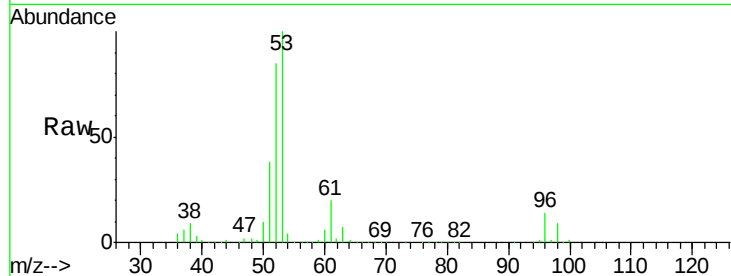
ClientSampled :

VX0620WBS01

Tot Ion:	53	Resp:	159130
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.7	100.1
51	37.3	29.9	44.9

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#16

Acetone

Concen: 92.55 ug/l

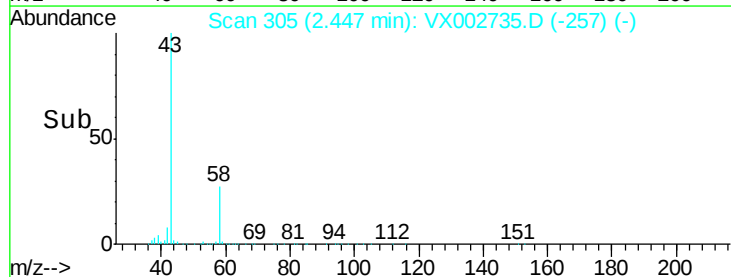
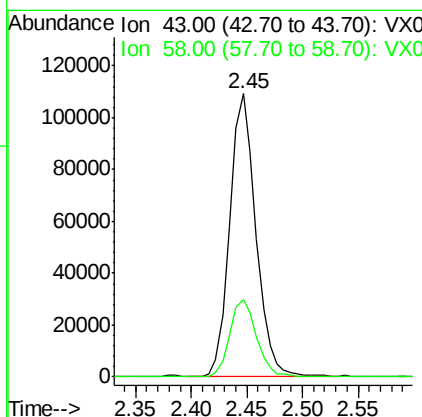
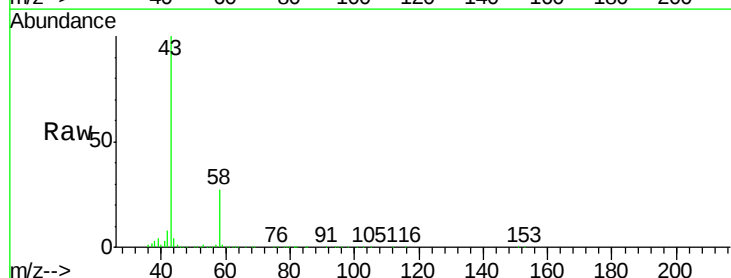
RT: 2.45 min Scan# 305

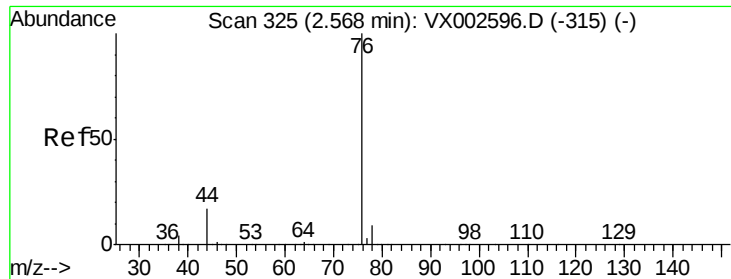
Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Tgt Ion:	43	Resp:	176332
Ion	Ratio	Lower	Upper
43	100		
58	27.2	22.1	33.1





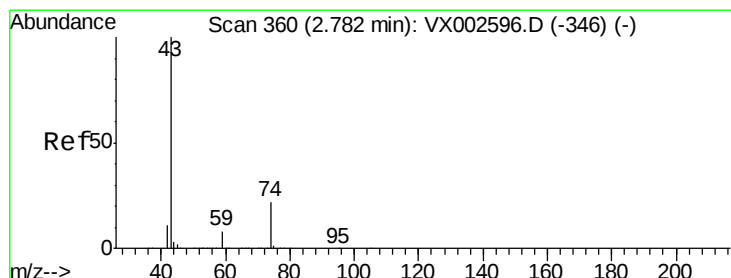
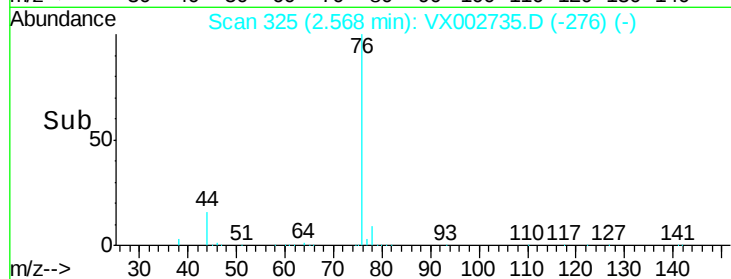
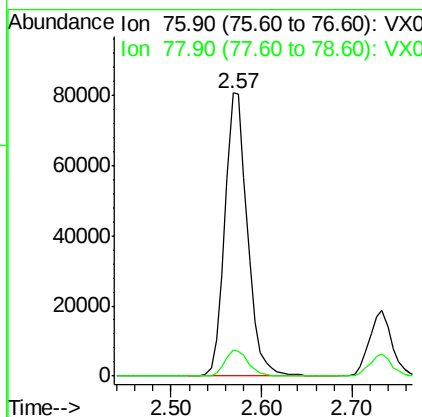
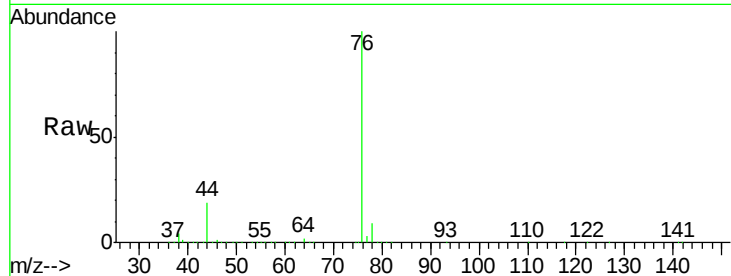
#17
Carbon Disulfide
Concen: 18.51 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion	Ratio	Resp	Lower	Upper
76	100	139396		
78	9.2		6.9	10.3

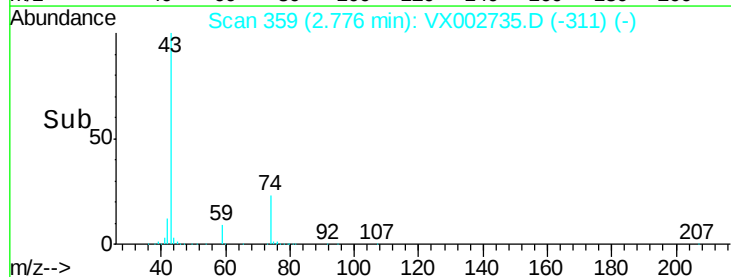
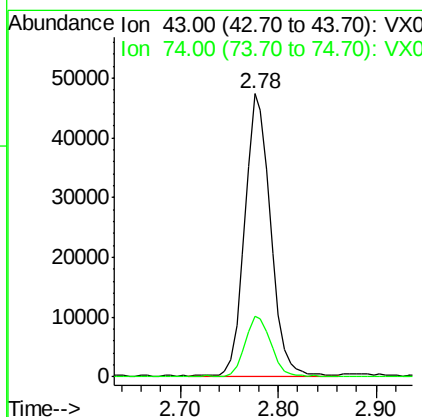
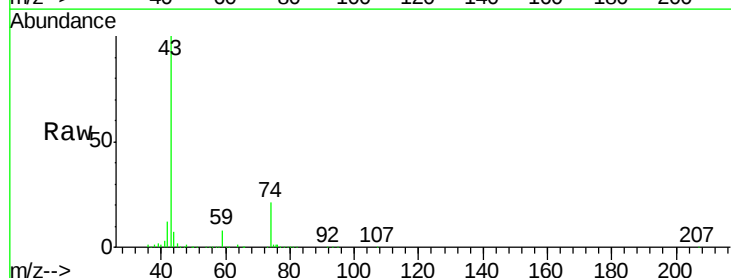
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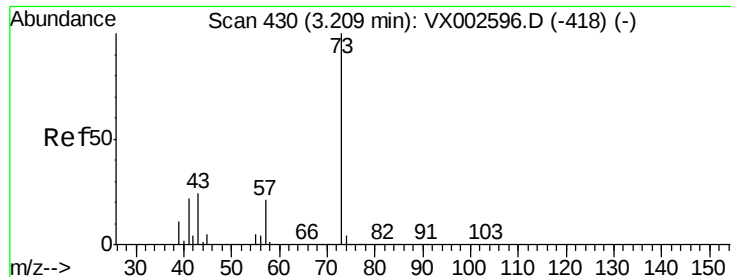
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#18
Methyl Acetate
Concen: 16.96 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	86086		
74	21.1		16.7	25.1





#19

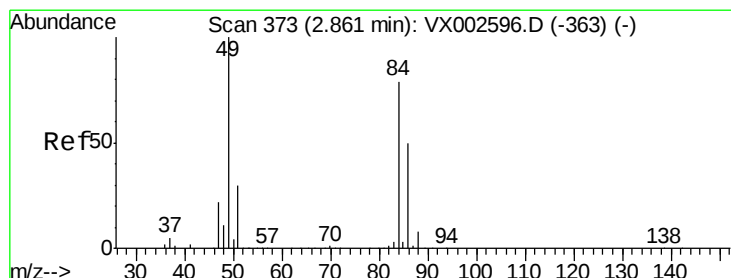
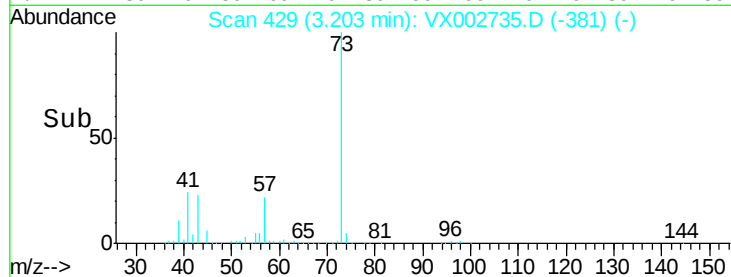
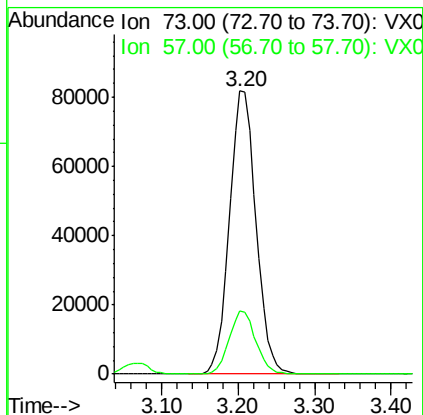
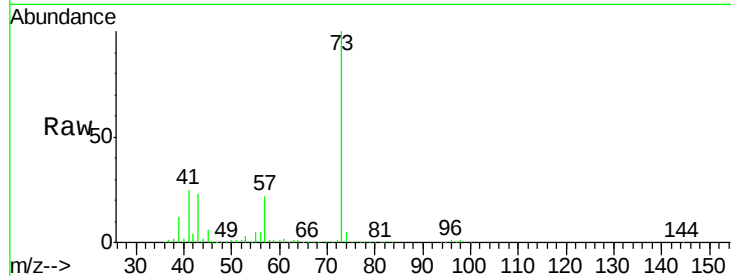
Methyl tert-butyl Ether
 Concen: 16.49 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.7	26.5

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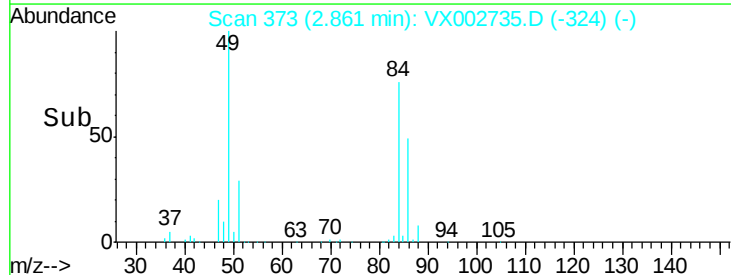
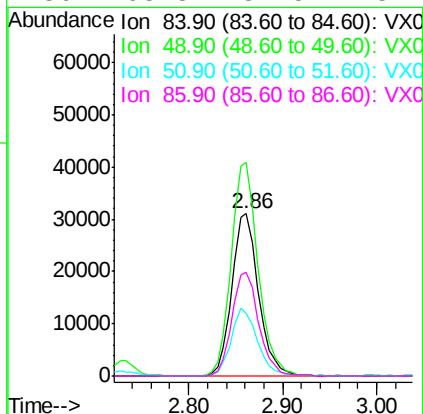
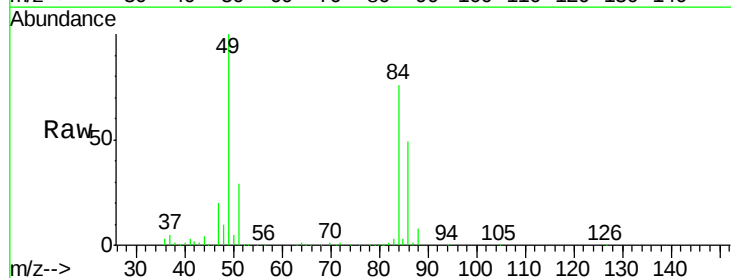
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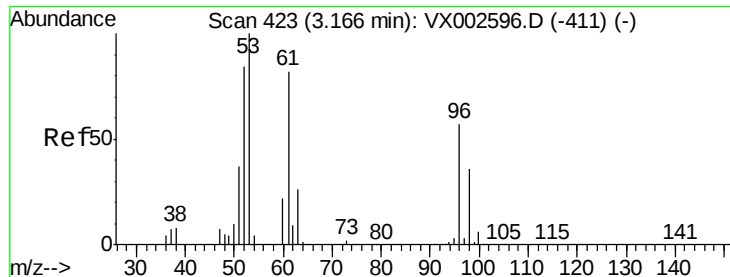


#20

Methylene Chloride
 Concen: 15.61 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.3	107.8	161.6
51	38.5	32.8	49.2
86	63.8	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 16.71 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion: 96 Resp: 57568

Ion Ratio Lower Upper

96 100

61 144.8 117.0 175.4

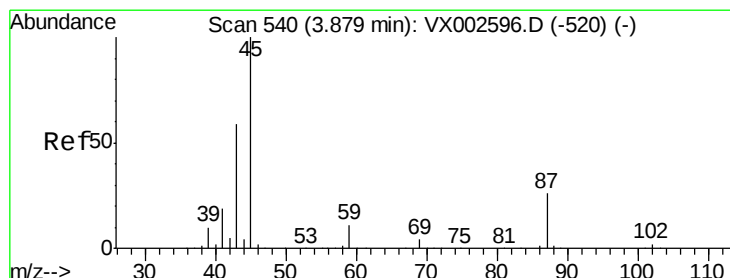
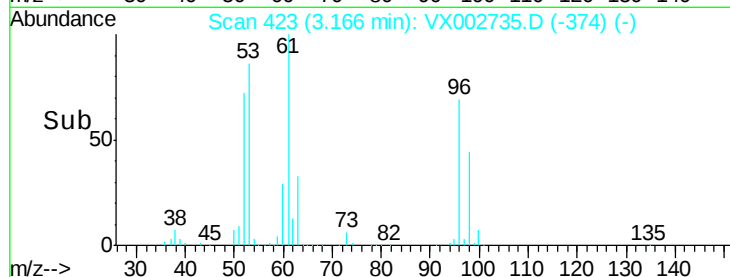
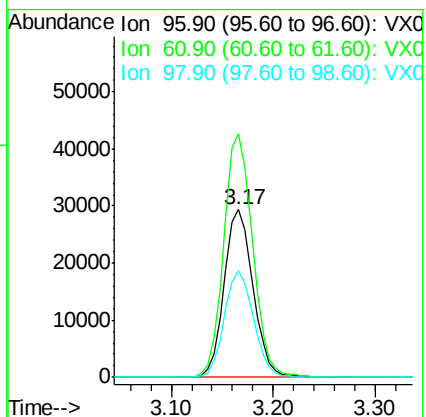
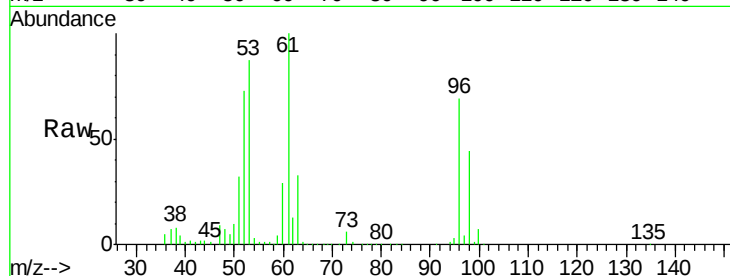
98 63.8 52.4 78.6

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#22

Diisopropyl ether

Concen: 18.12 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Tgt Ion: 45 Resp: 206631

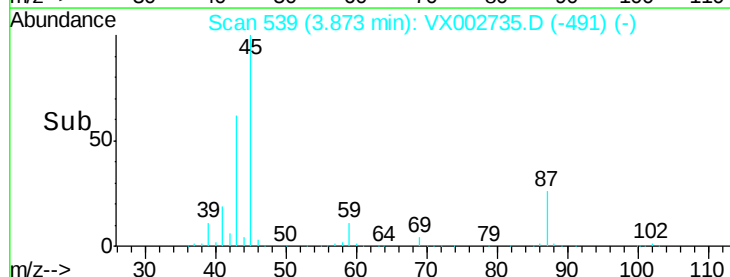
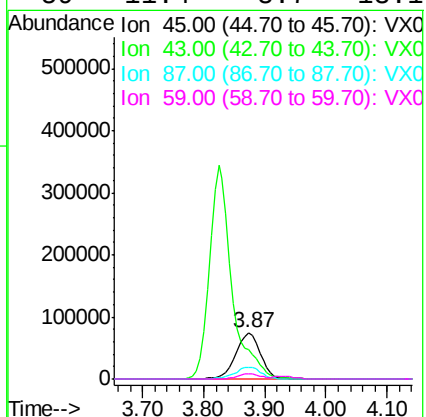
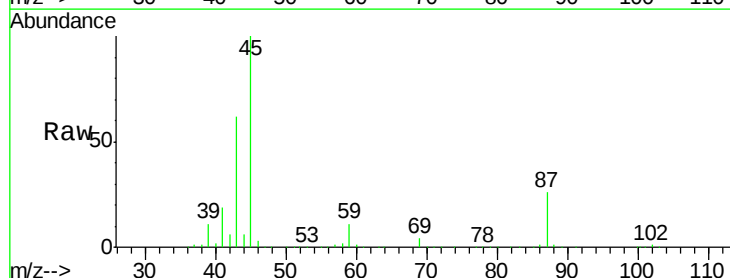
Ion Ratio Lower Upper

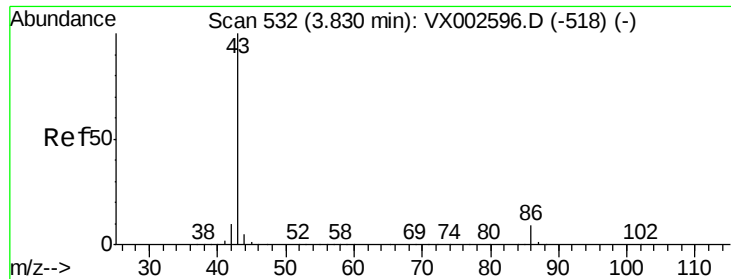
45 100

43 62.2 46.8 70.2

87 26.1 20.2 30.4

59 11.4 8.7 13.1





#23

Vinyl Acetate

Concen: 93.20 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion: 43 Resp: 889755

Ion Ratio Lower Upper

43 100

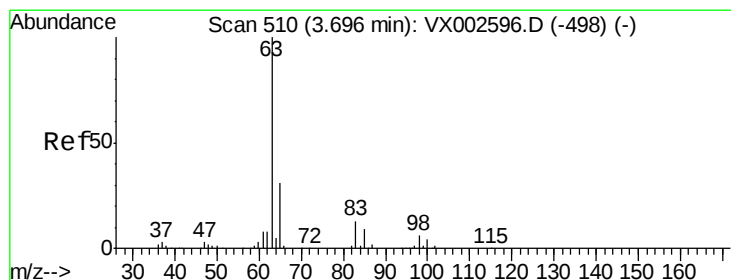
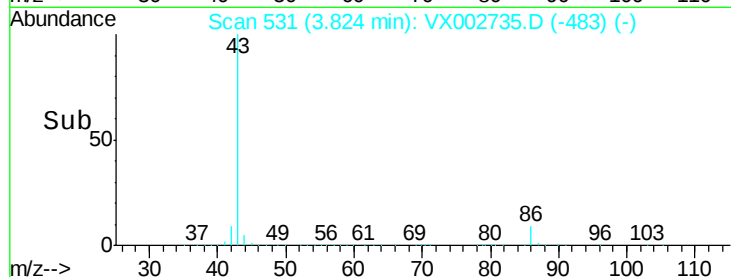
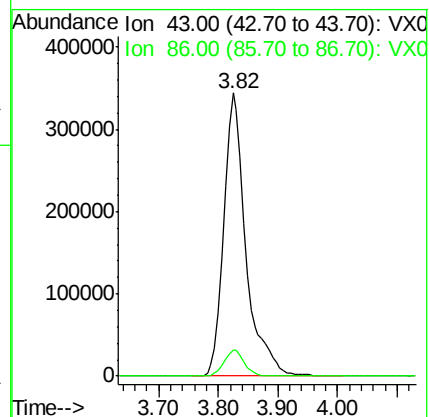
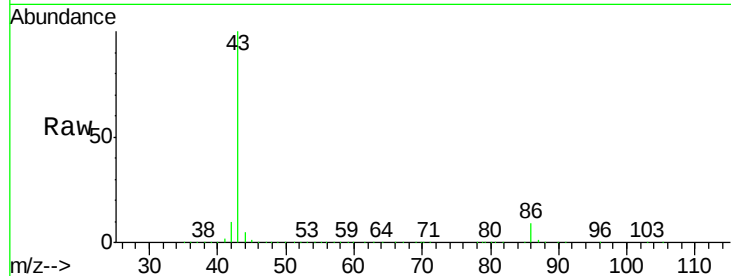
86 9.4 7.4 11.0

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#24

1,1-Dichloroethane

Concen: 18.15 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

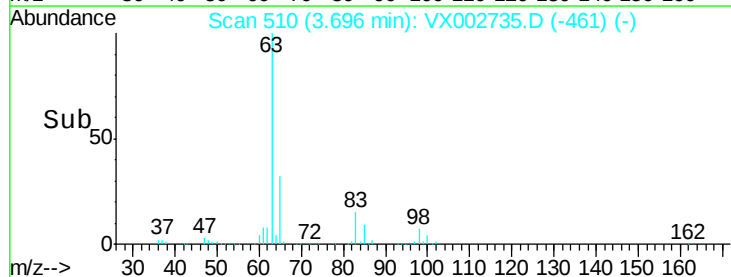
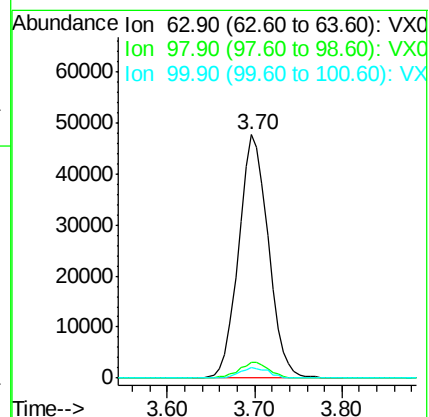
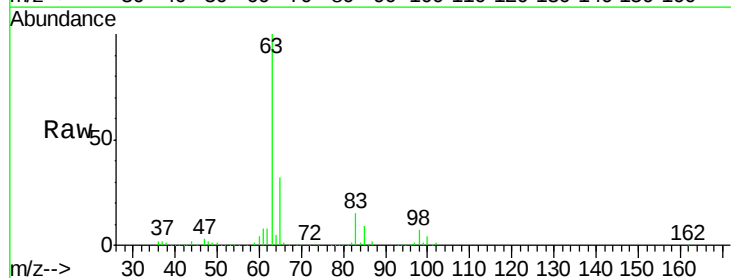
Tgt Ion: 63 Resp: 112393

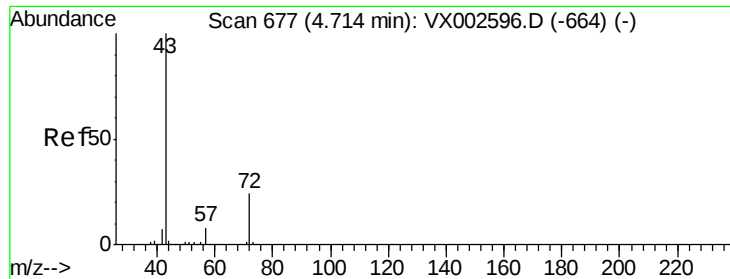
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 91.58 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion: 43 Resp: 229139

Ion Ratio Lower Upper

43 100

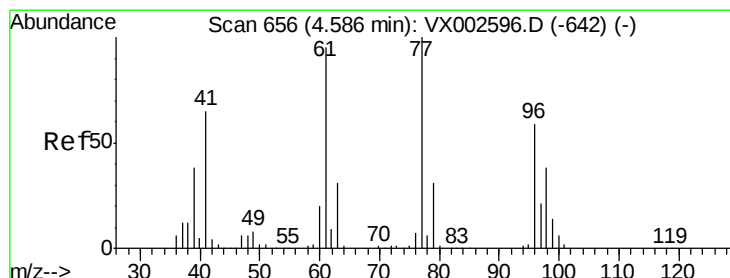
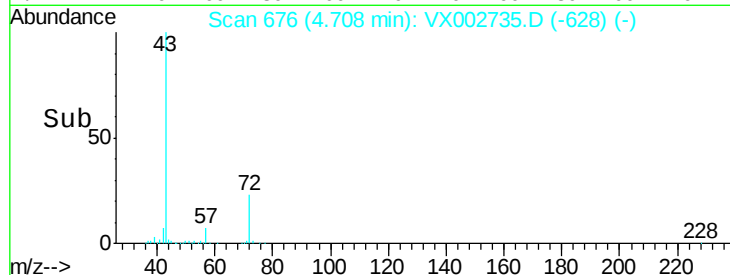
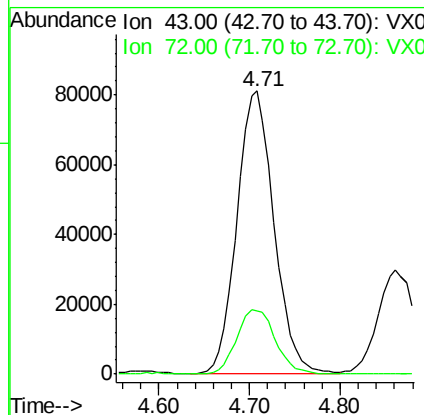
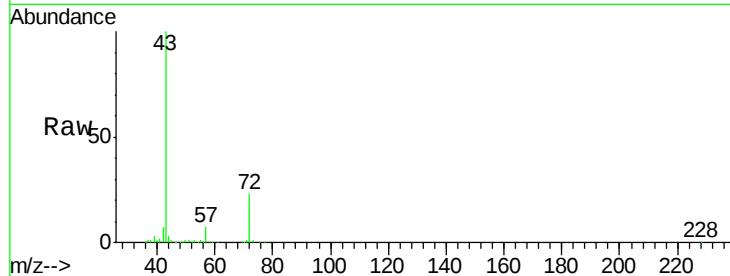
72 22.6 18.5 27.7

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#26

2,2-Dichloropropane

Concen: 18.90 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002735.D

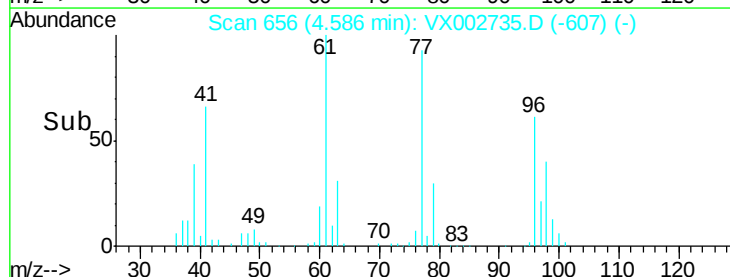
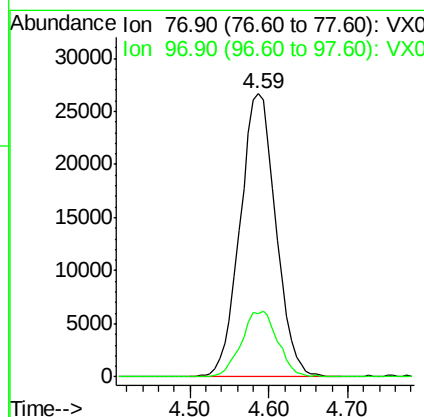
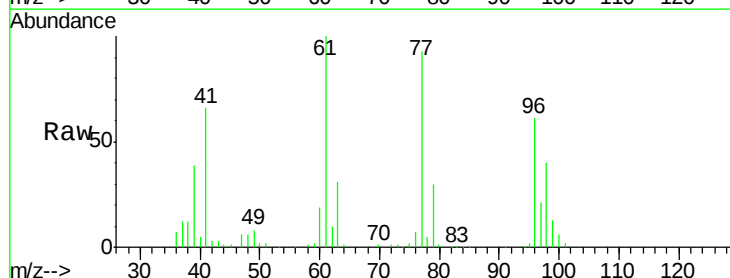
Acq: 20 Jun 2018 12:22

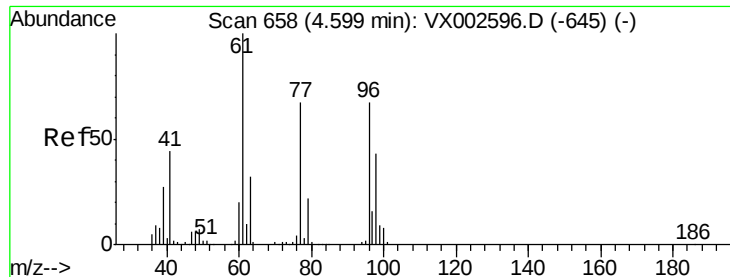
Tgt Ion: 77 Resp: 84081

Ion Ratio Lower Upper

77 100

97 23.6 11.2 33.5





#27

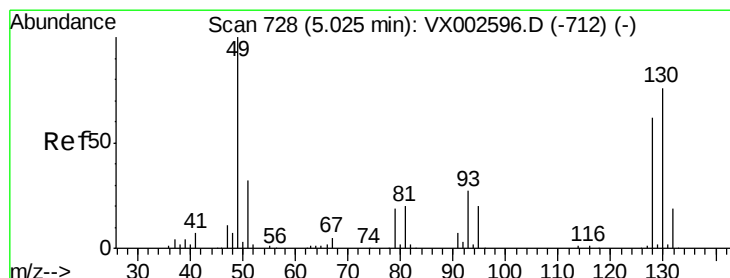
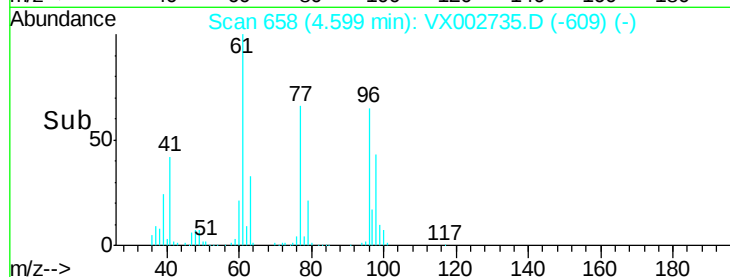
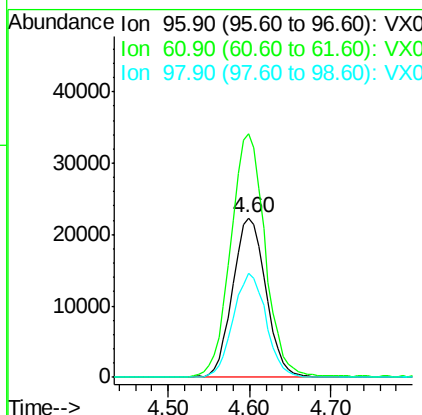
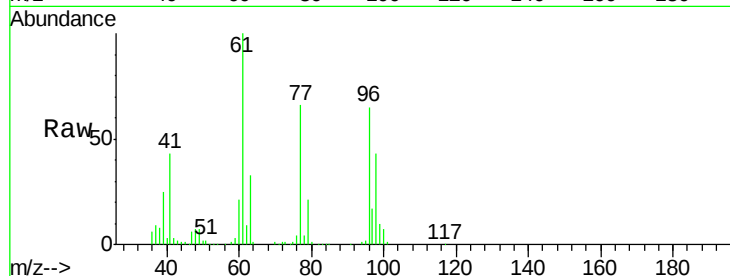
cis-1,2-Dichloroethene
Concen: 17.97 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.0	0.0	330.2
98	64.4	0.0	130.2

Manual Integrations
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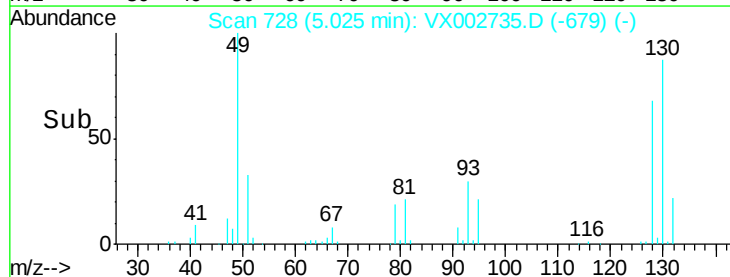
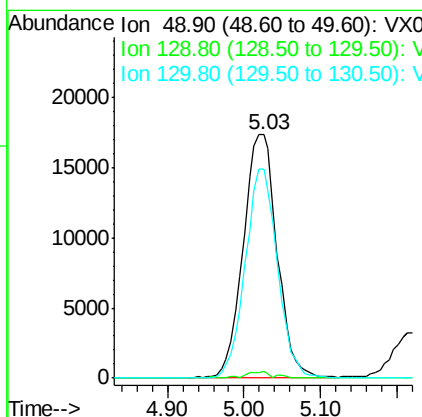
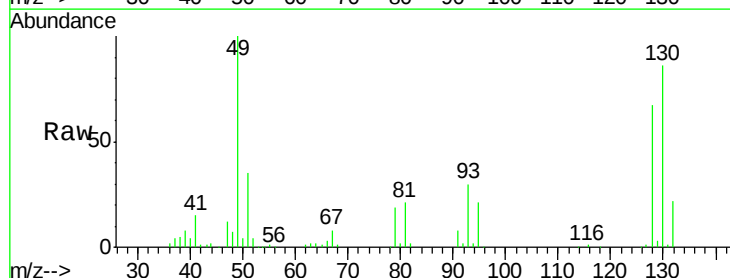
apatel
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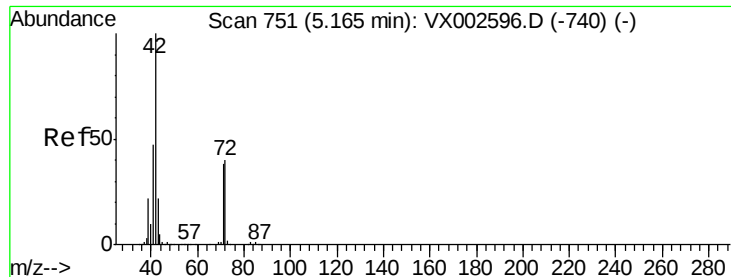


#28

Bromochloromethane
Concen: 18.51 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.2
130	81.6	61.2	91.8





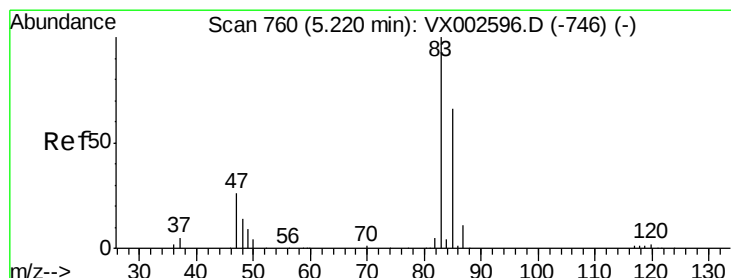
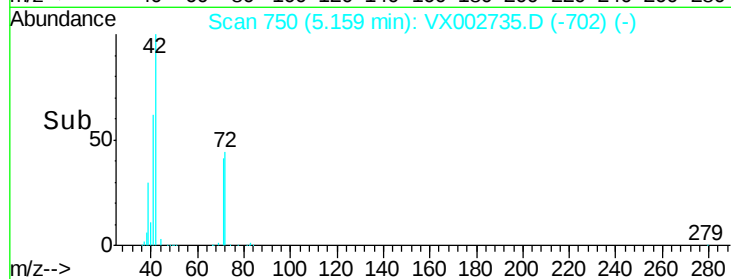
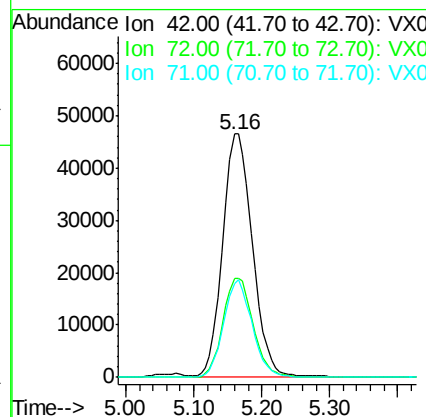
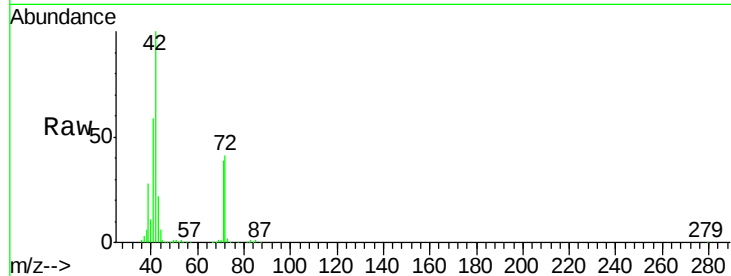
#29
Tetrahydrofuran
Concen: 85.81 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	32.0	48.0
71	38.5	30.1	45.1

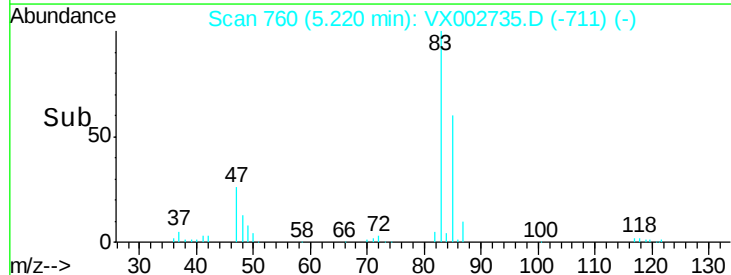
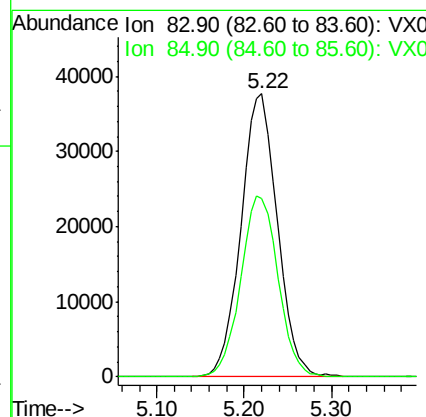
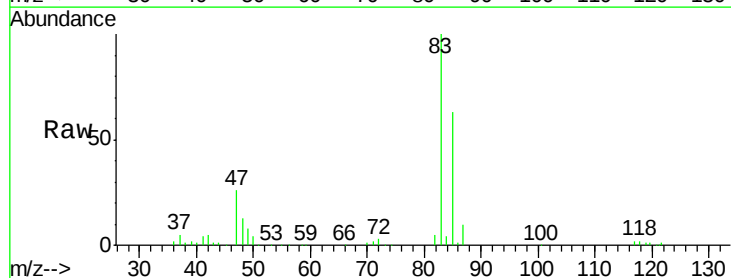
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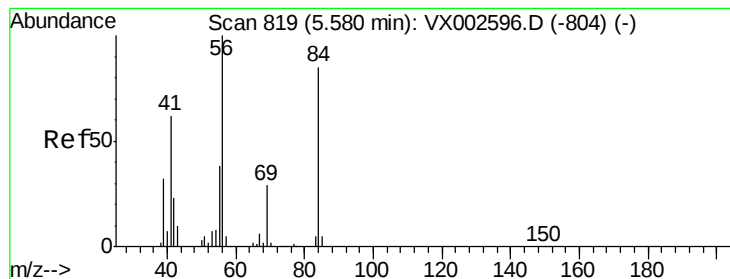
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#30
Chloroform
Concen: 18.28 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.4	75.6





#31

Cyclohexane

Concen: 18.50 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

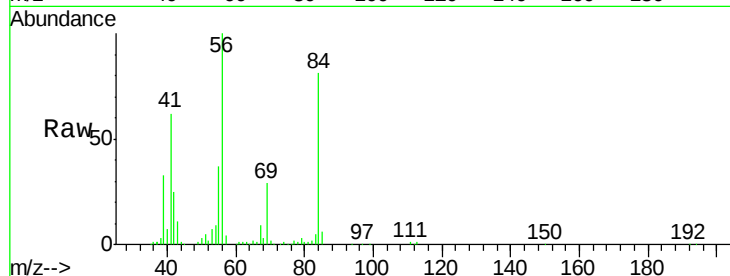
ClientSampled :

VX0620WBS01

Tot Ion:	56	Resp:	94286
Ion	Ratio	Lower	Upper
56	100		
69	28.7	23.7	35.5
84	79.0	64.1	96.1

Manual Integrations
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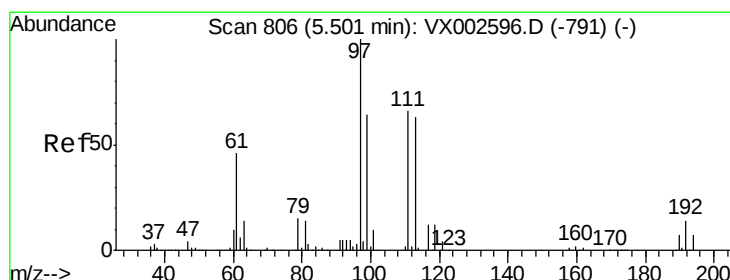
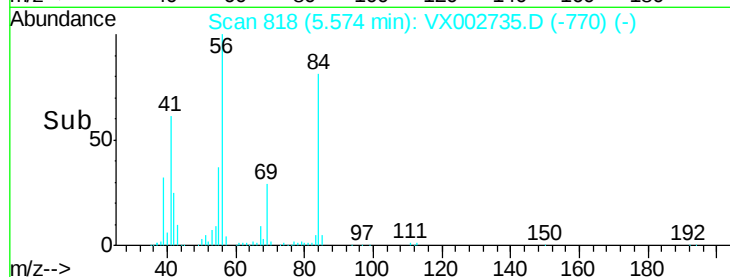
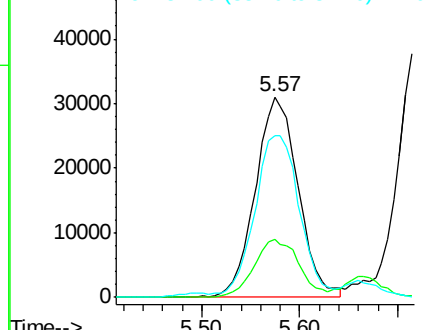


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.33 ug/l

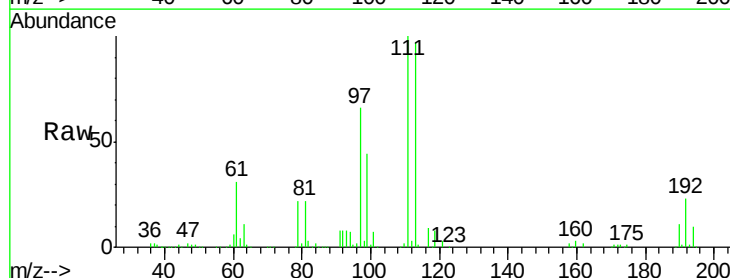
RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Tgt Ion:	97	Resp:	96492
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.6	77.4
61	45.7	36.4	54.6

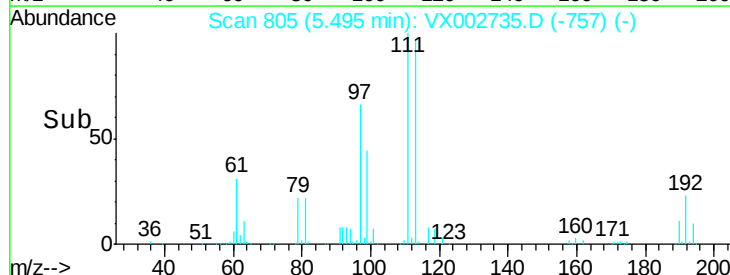
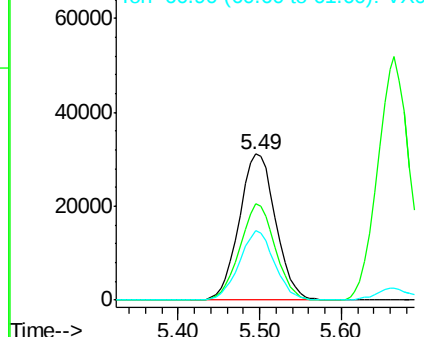


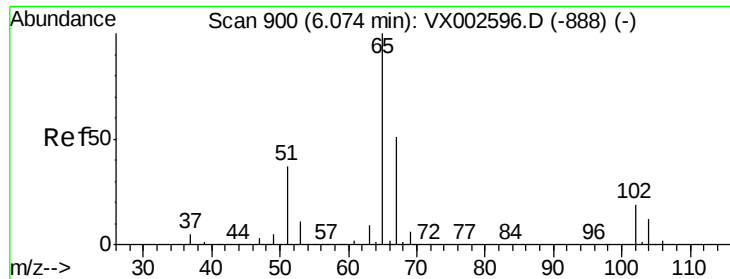
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





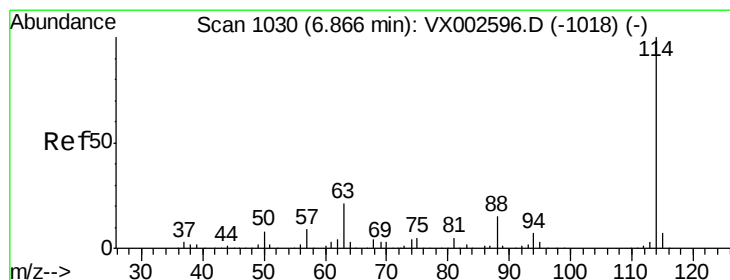
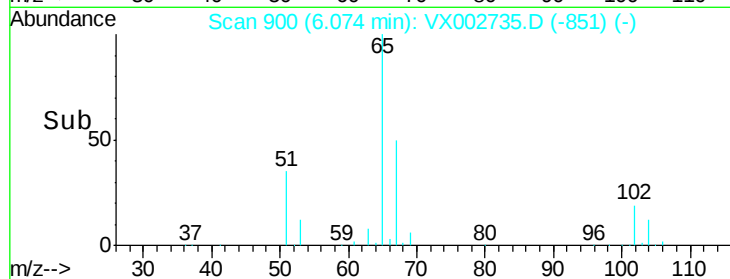
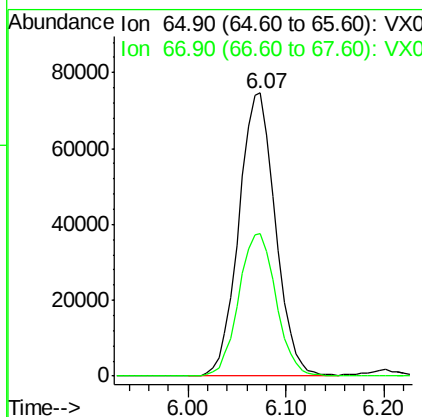
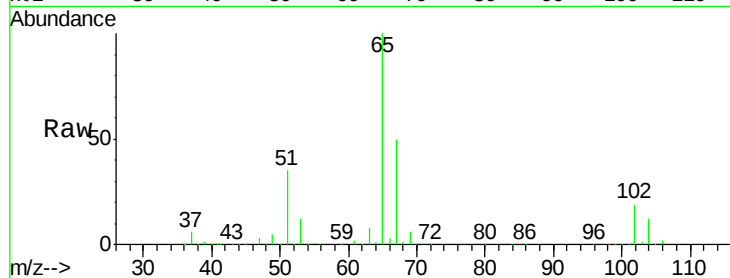
#33
 1,2-Dichloroethane-d4
 Concen: 44.83 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	193592		
67	51.6	0.0	102.6	

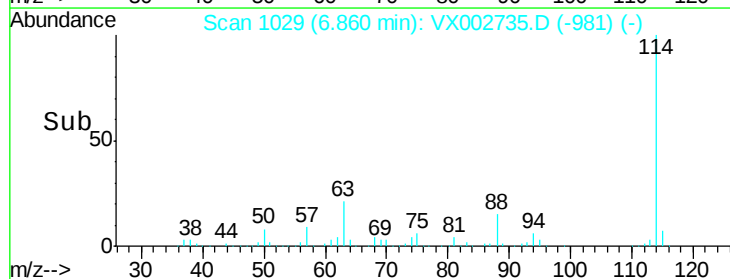
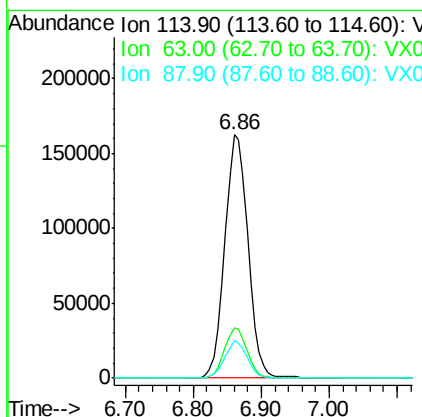
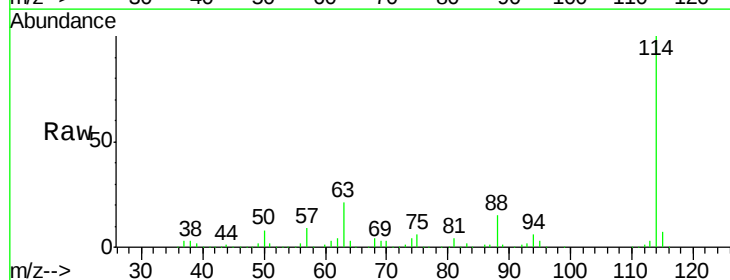
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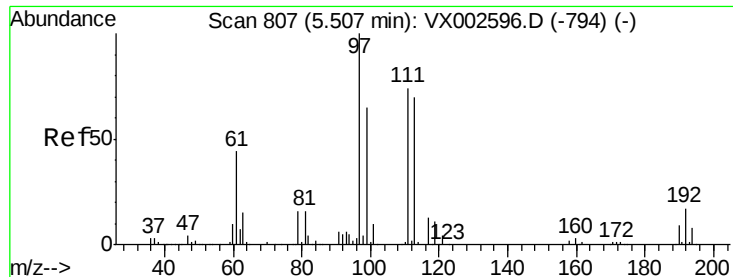
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	385683		
63	20.7	0.0	41.4	
88	15.4	0.0	30.0	





#35

Dibromofluoromethane

Concen: 50.15 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

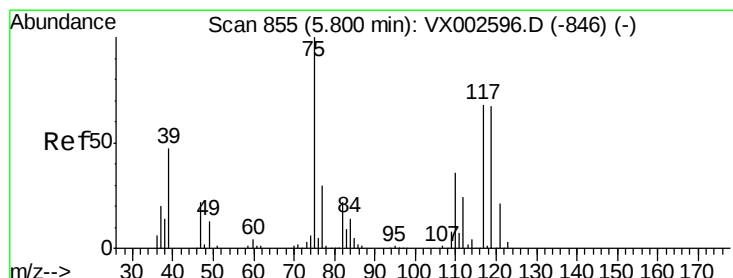
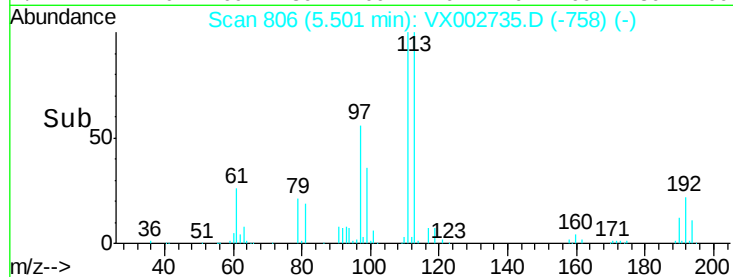
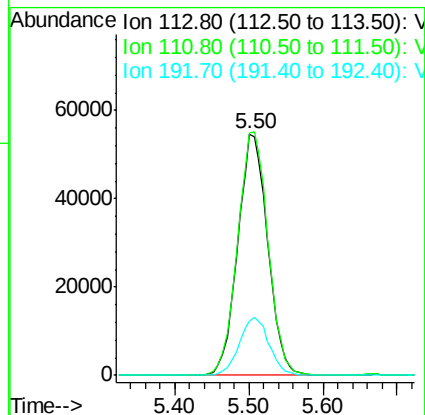
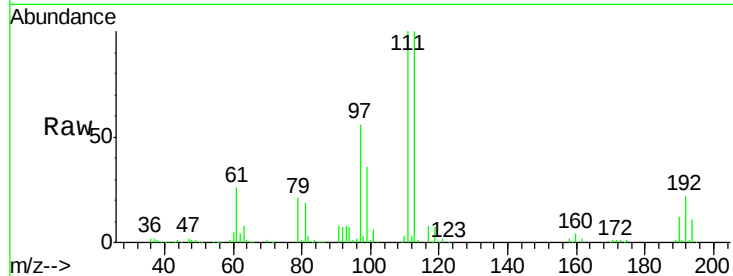
ClientSampleId :

VX0620WBS01

Tot Ion:	113	Resp:	154378
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.4	122.0
192	23.9	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 19.68 ug/l

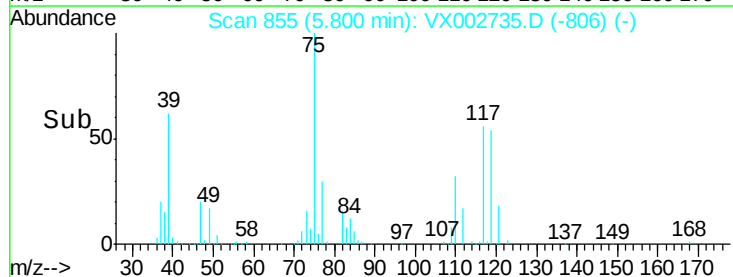
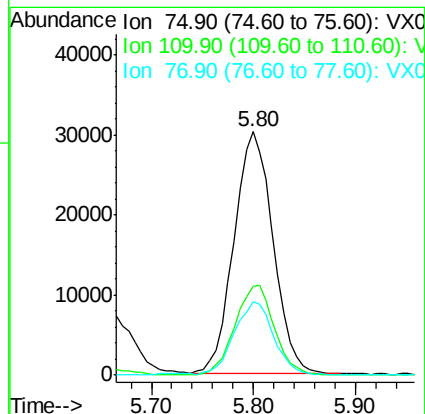
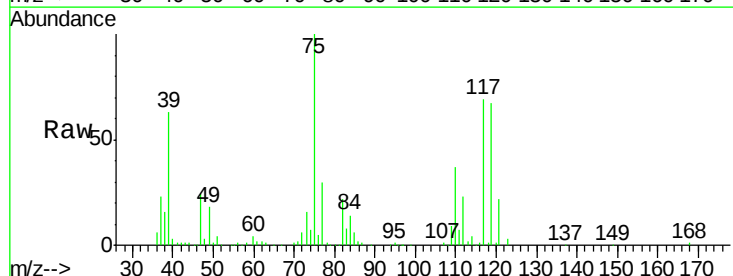
RT: 5.80 min Scan# 855

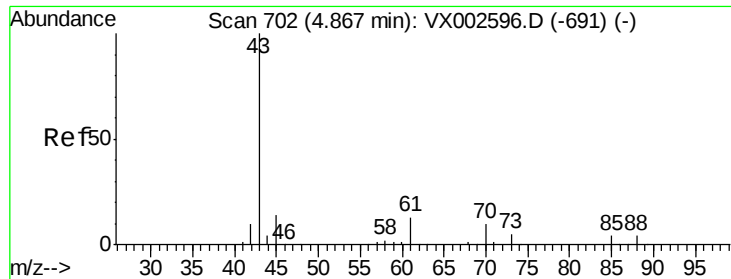
Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Tgt Ion:	75	Resp:	80631
Ion Ratio	Lower	Upper	
75	100		
110	37.5	18.1	54.4
77	30.7	24.3	36.5





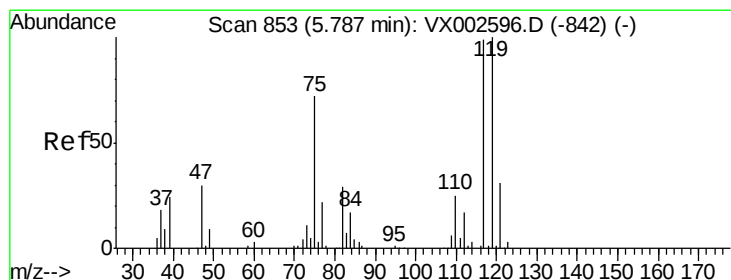
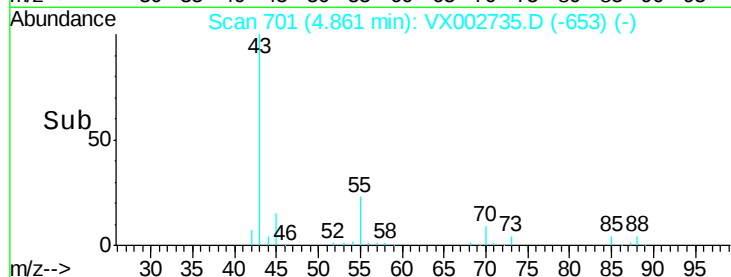
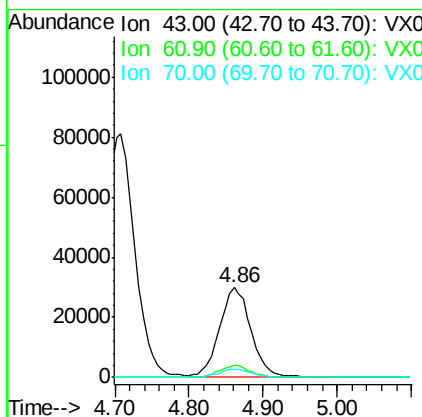
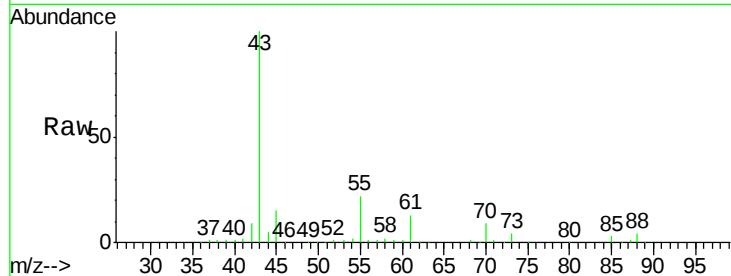
#37
Ethyl Acetate
Concen: 18.67 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Instrument :
MSVOA_X
ClientSampled :
VX0620WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.4	15.6
70	9.8	7.6	11.4

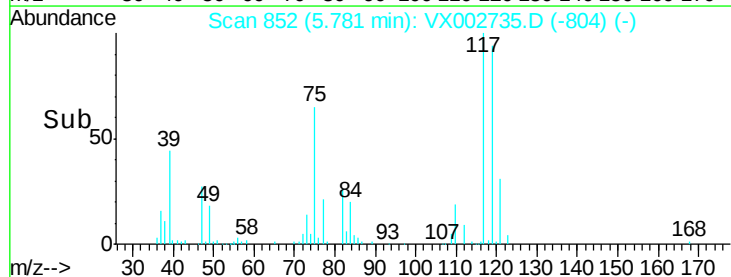
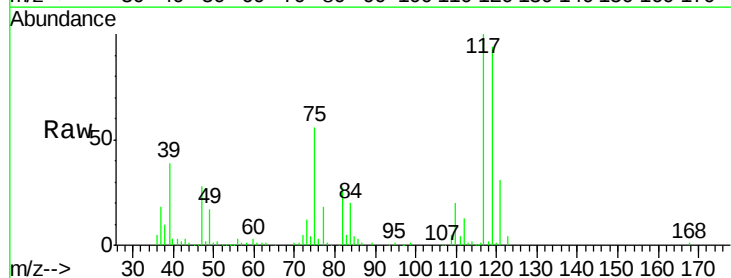
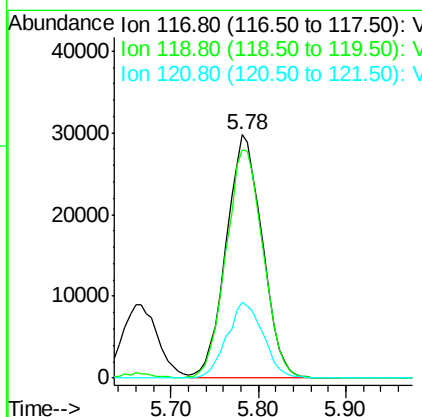
Manual Integrations
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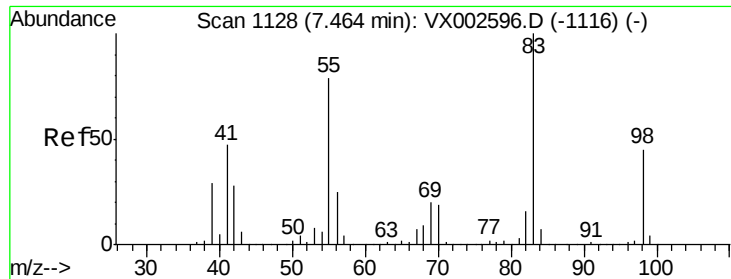
apatel
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#38
Carbon Tetrachloride
Concen: 20.94 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.4	116.0
121	31.0	24.4	36.6





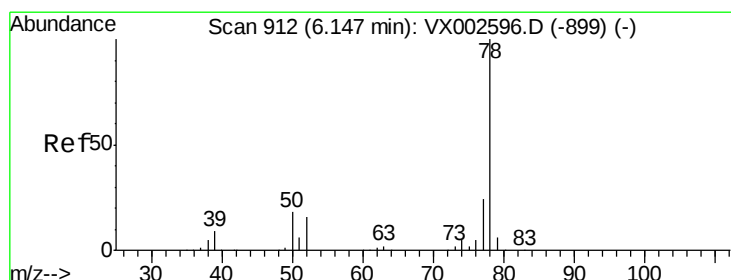
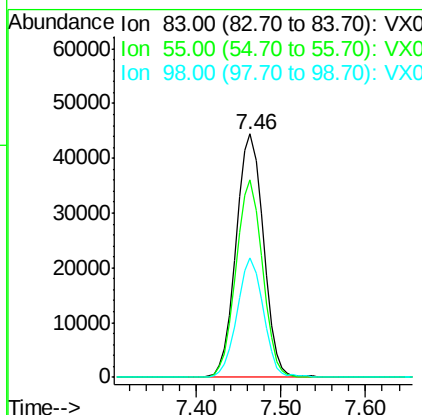
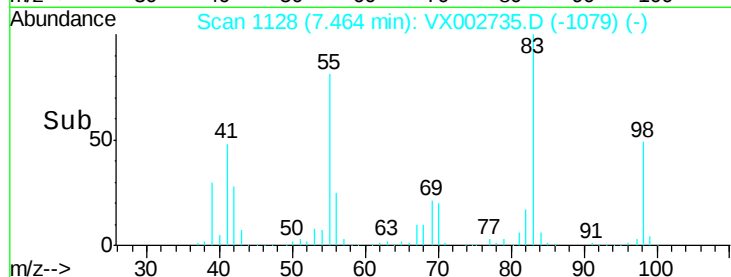
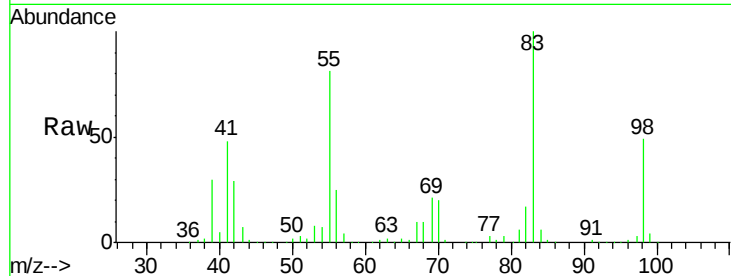
#39
Methvlcvclohexane
Concen: 20.30 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.2	65.4	98.0
98	48.9	37.4	56.0

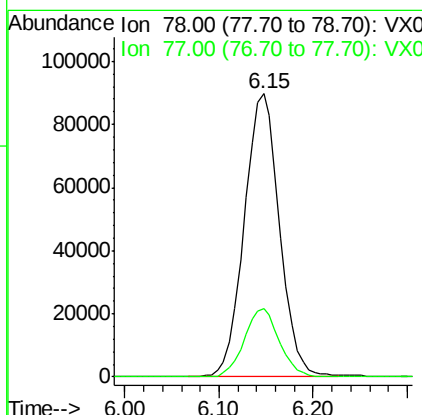
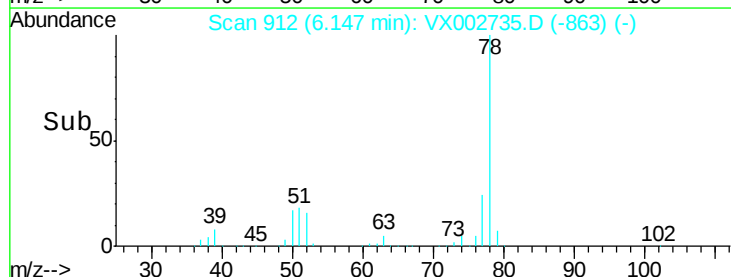
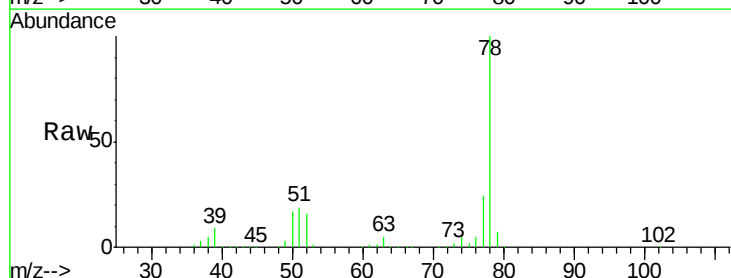
Manual Integrations
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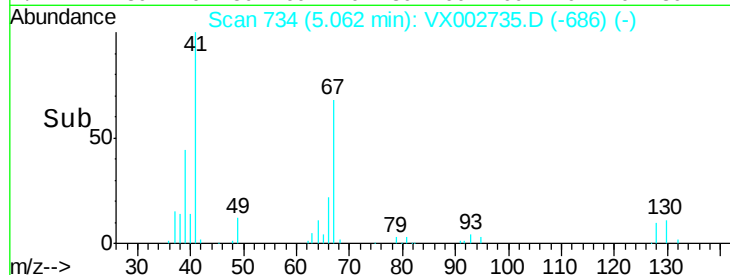
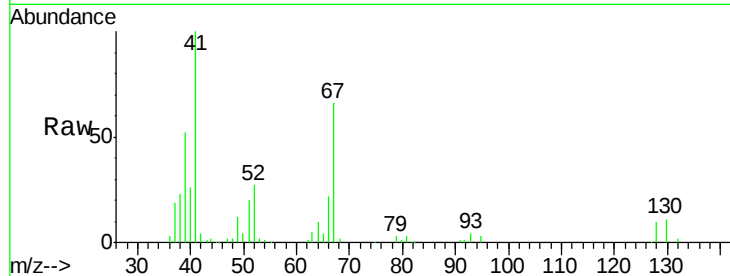
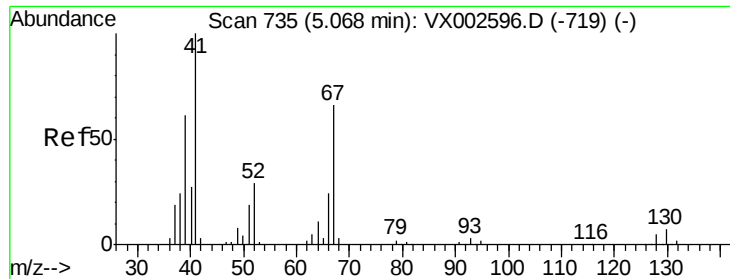
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#40
Benzene
Concen: 19.14 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.1	28.7





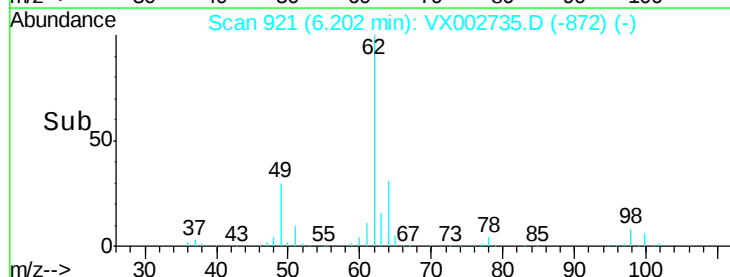
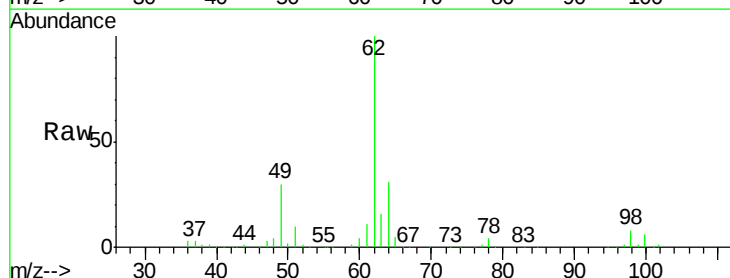
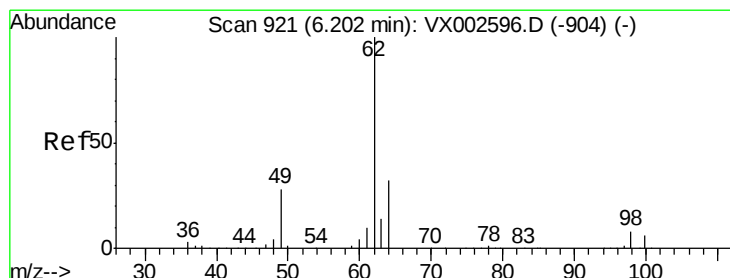
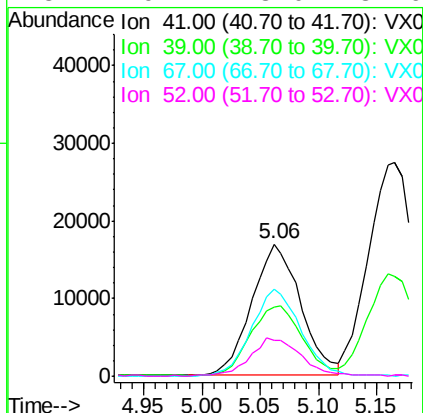
#41
Methacrylonitrile
Concen: 18.90 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.8	45.8	68.6	
67	67.0	51.3	76.9	
52	29.1	23.0	34.6	

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

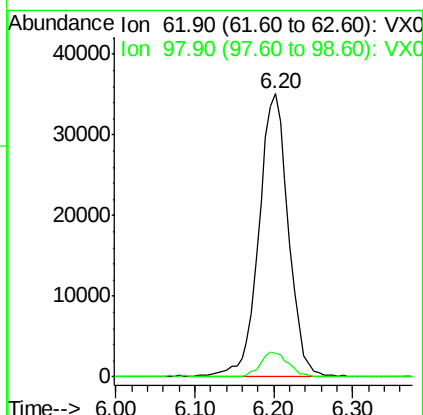
Manual Integrations
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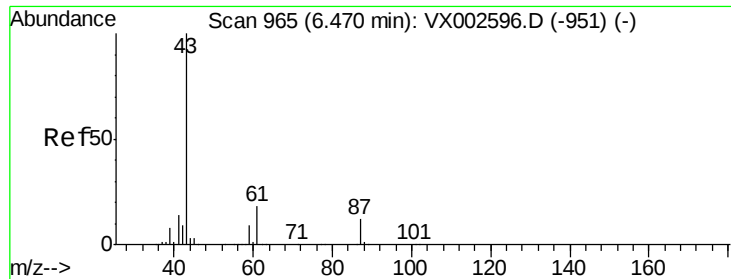
apatel
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#42
1,2-Dichloroethane
Concen: 19.26 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	16.6	





#43

Isopropyl Acetate

Concen: 18.37 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

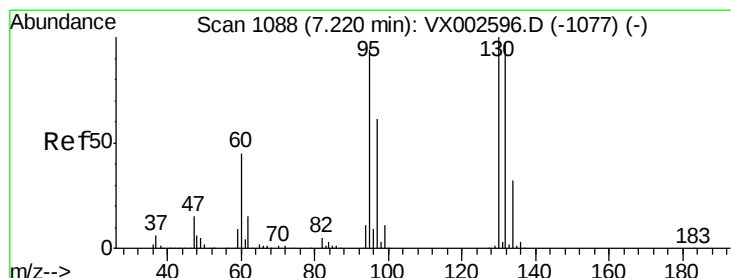
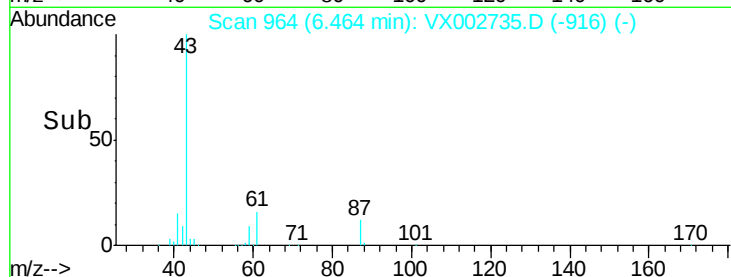
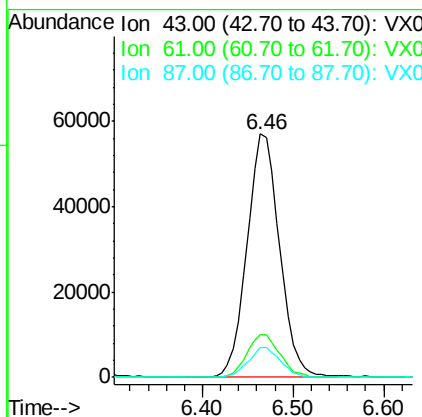
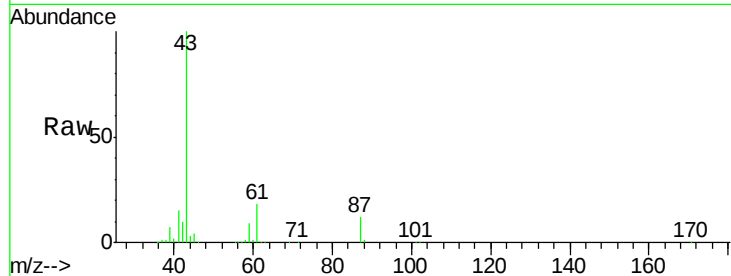
ClientSampleId :

VX0620WBS01

Tot Ion:	43	Resp:	141144
Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.4	21.6
87	12.2	9.5	14.3

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#44

Trichloroethene

Concen: 19.43 ug/l

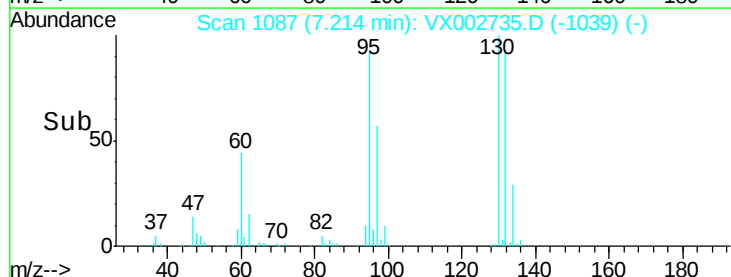
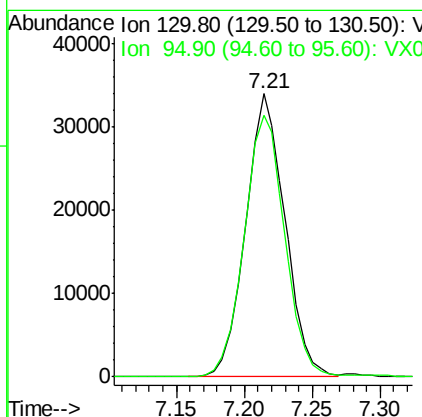
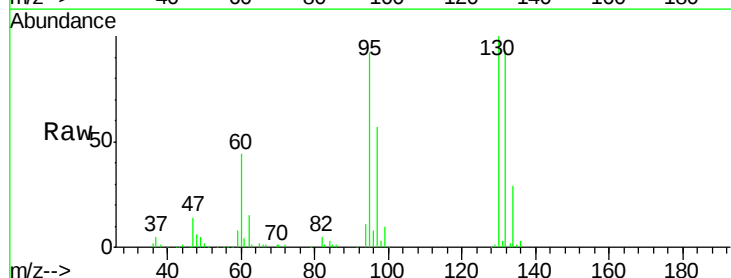
RT: 7.21 min Scan# 1087

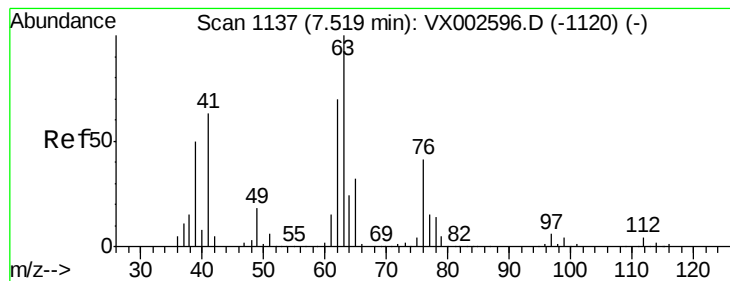
Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Tgt Ion:	130	Resp:	68883
Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	185.4





#45

1,2-Dichloropropane

Concen: 19.02 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion: 63 Resp: 61493

Ion Ratio Lower Upper

63 100

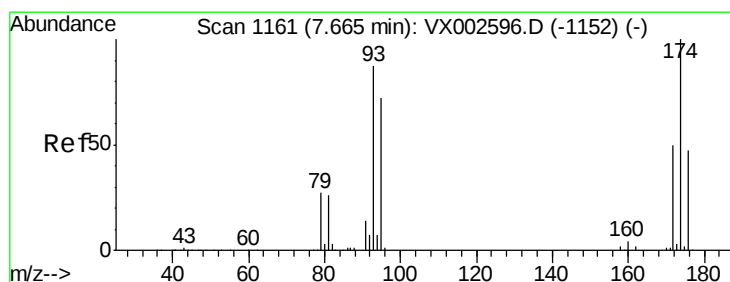
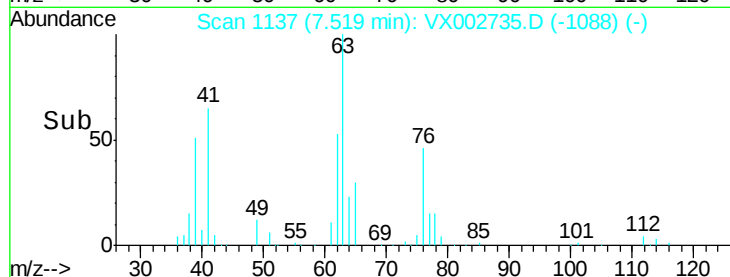
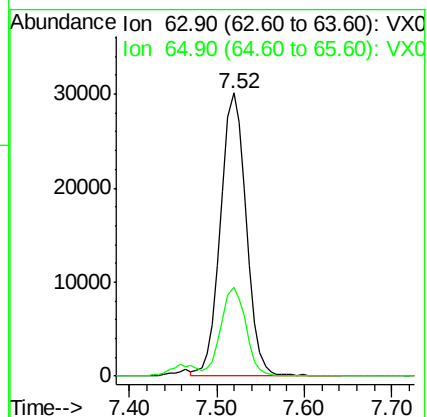
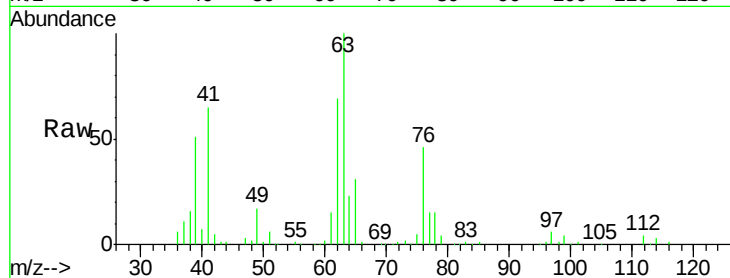
65 31.4 24.7 37.1

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#46

Dibromomethane

Concen: 19.91 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

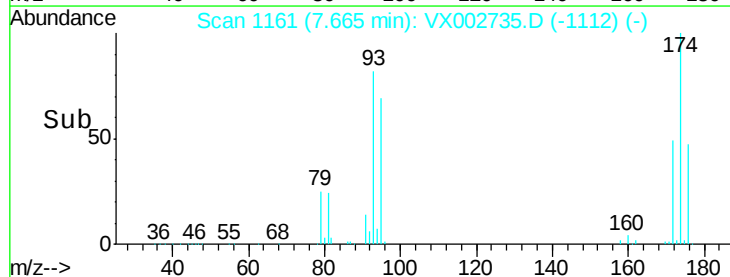
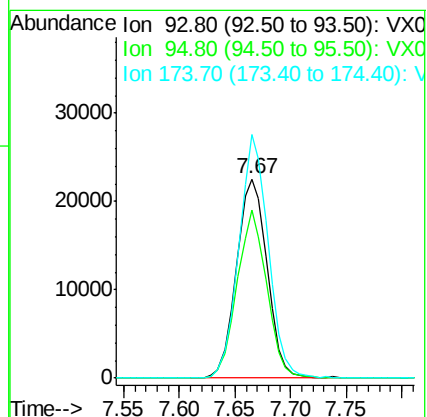
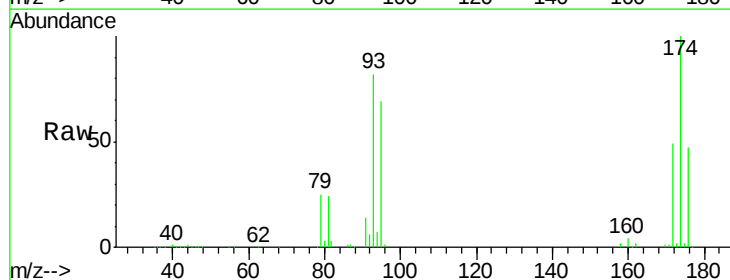
Tgt Ion: 93 Resp: 43043

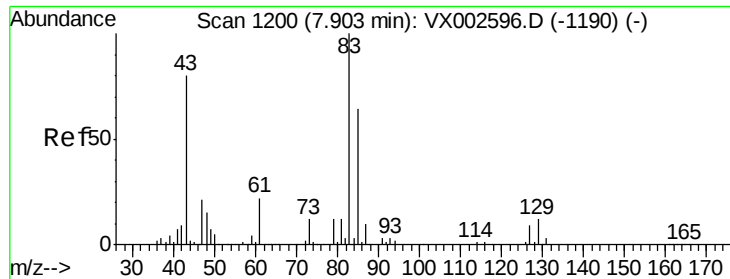
Ion Ratio Lower Upper

93 100

95 81.6 65.9 98.9

174 116.8 92.4 138.6





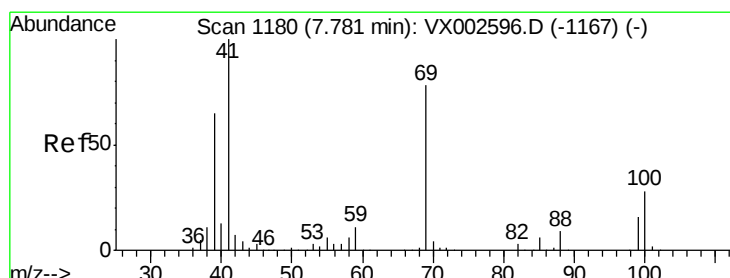
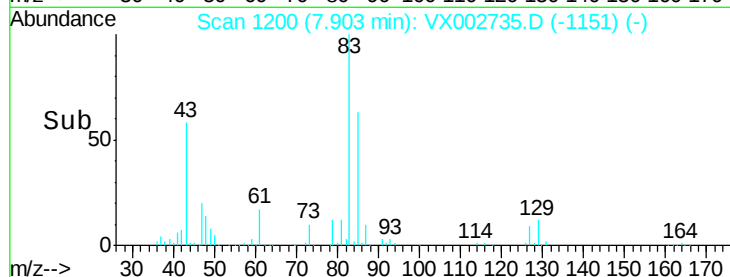
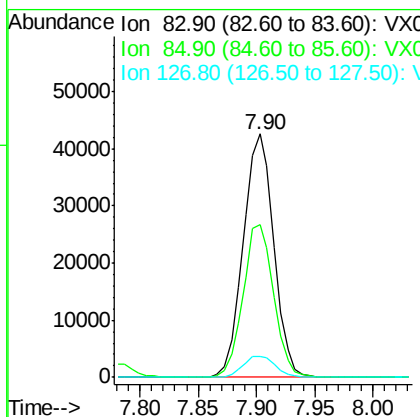
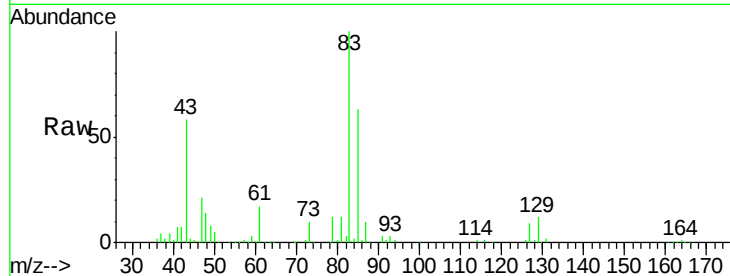
#47
Bromodichloromethane
Concen: 20.42 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion	83	Resp	77871
Ion Ratio	100	Lower	Upper
83	100		
85	62.8	50.3	75.5
127	8.8	7.0	10.4

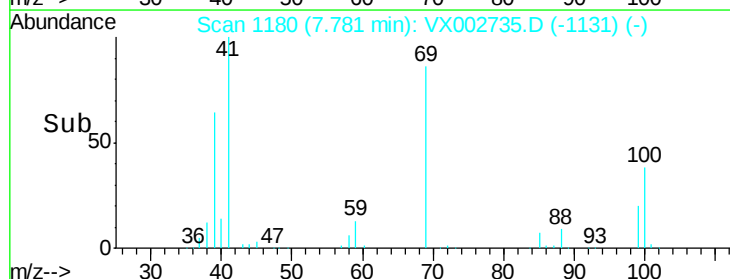
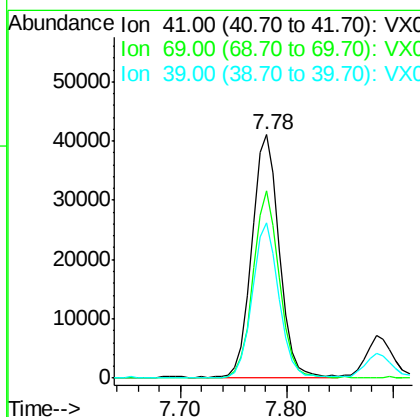
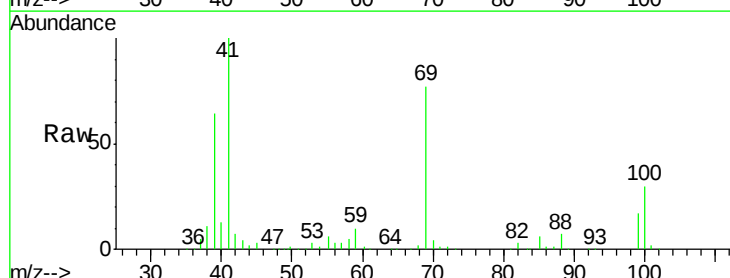
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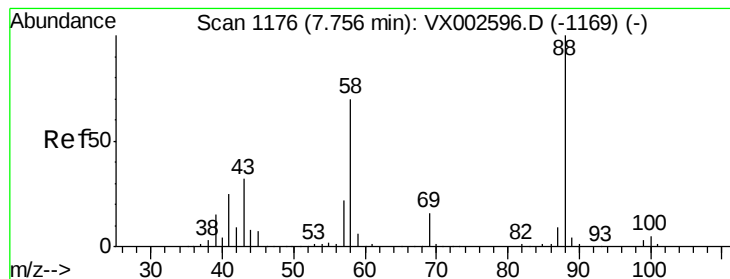
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#48
Methyl methacrylate
Concen: 18.76 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion	41	Resp	73650
Ion Ratio	100	Lower	Upper
41	100		
69	74.4	59.1	88.7
39	62.0	48.9	73.3





#49

1,4-Dioxane

Concen: 366.39 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

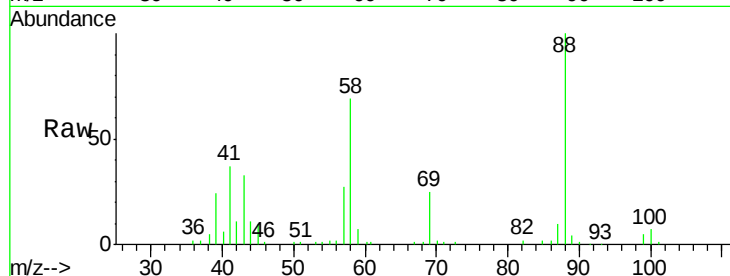
ClientSampleId :

VX0620WBS01

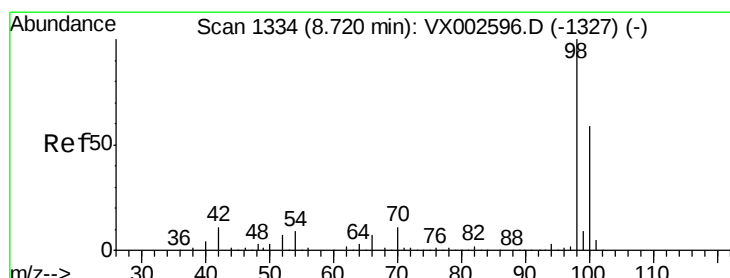
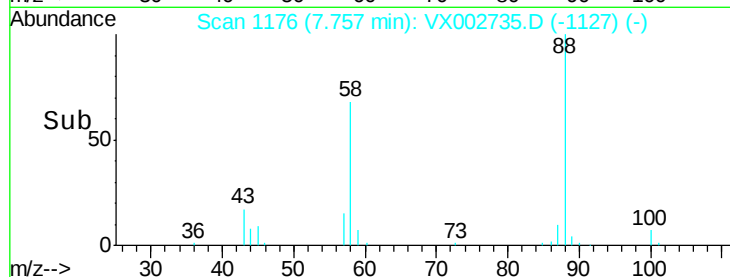
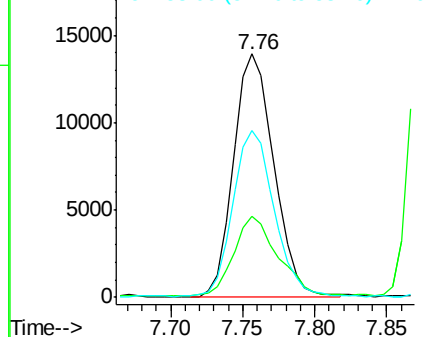
Tot Ion:	88	Resp:	27236
Ion	Ratio	Lower	Upper
88	100		
43	35.7	29.8	44.6
58	71.4	57.1	85.7

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Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.86 ug/l

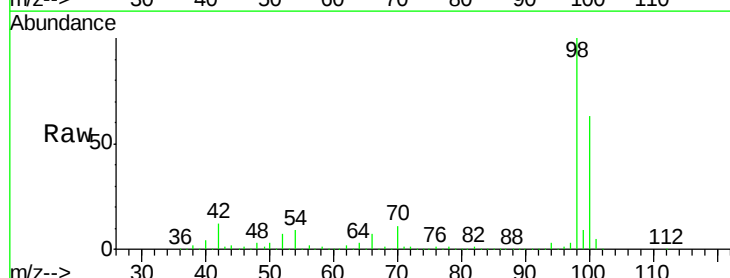
RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

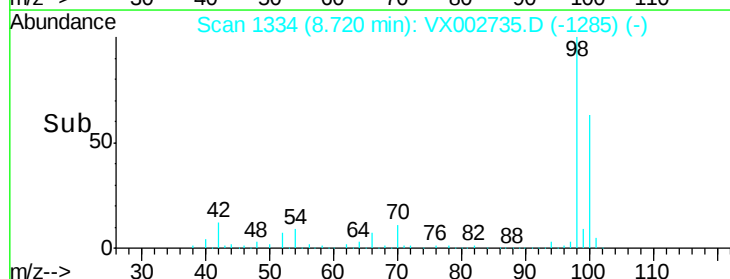
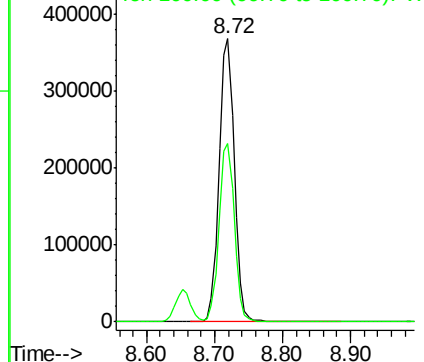
Lab File: VX002735.D

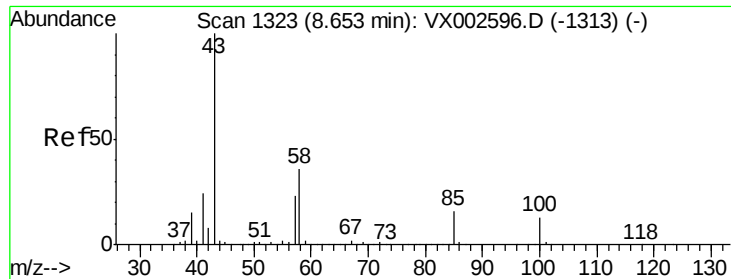
Acq: 20 Jun 2018 12:22

Tgt Ion:	98	Resp:	571010
Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





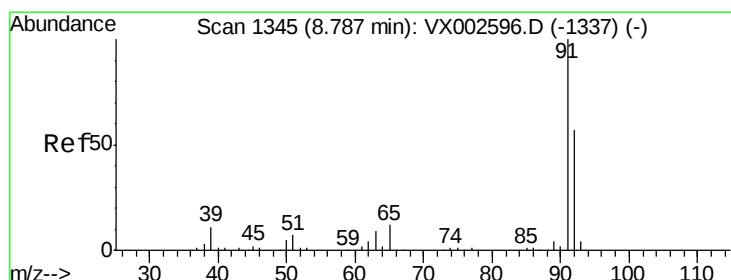
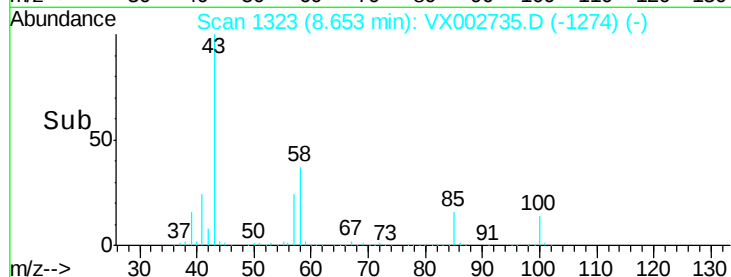
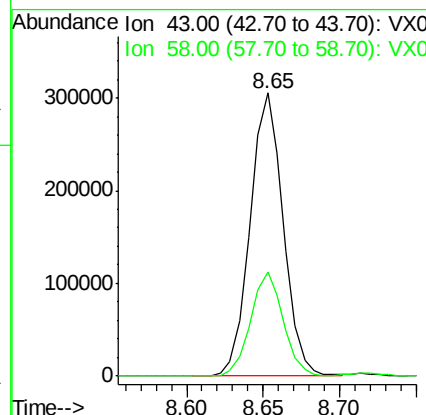
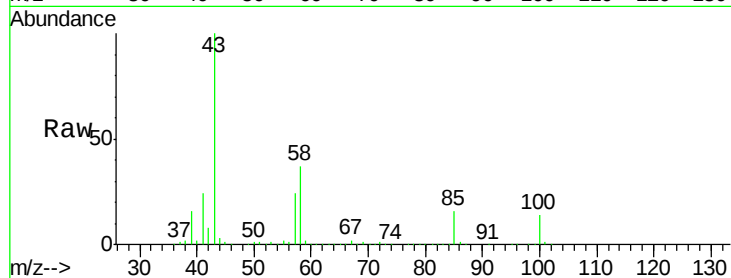
#51
4-Methyl-2-Pentanone
Concen: 92.99 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion	43	Resp	458616
Ion Ratio	100	Lower	Upper
58	36.1	28.6	42.8

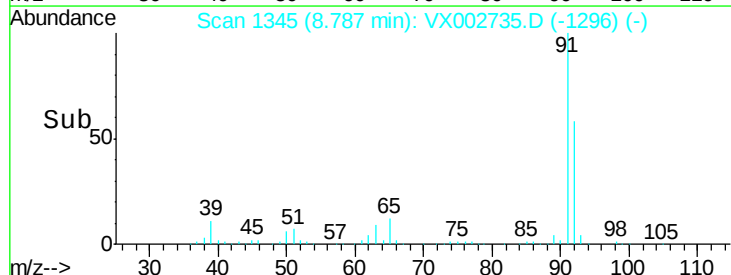
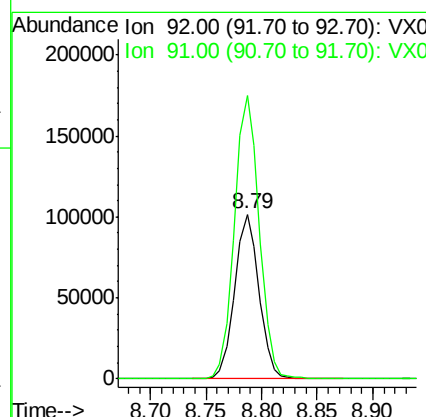
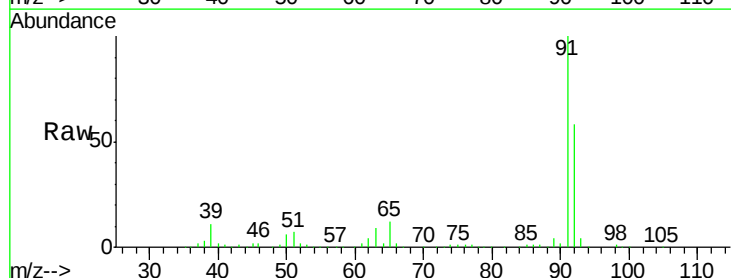
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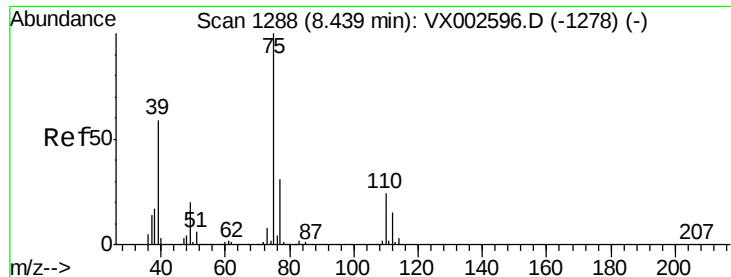
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#52
Toluene
Concen: 19.65 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion	92	Resp	153971
Ion Ratio	100	Lower	Upper
91	175.0	140.4	210.6





#53

t-1,3-Dichloropropene

Concen: 19.41 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion: 75 Resp: 90202

Ion Ratio Lower Upper

75 100

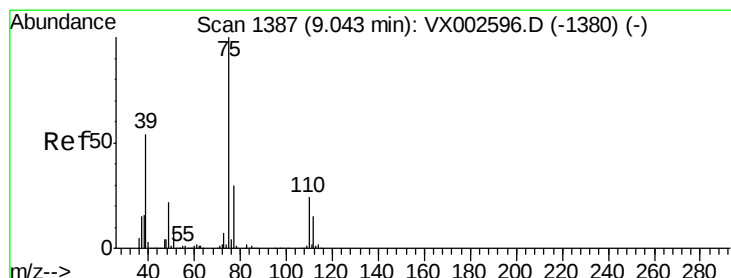
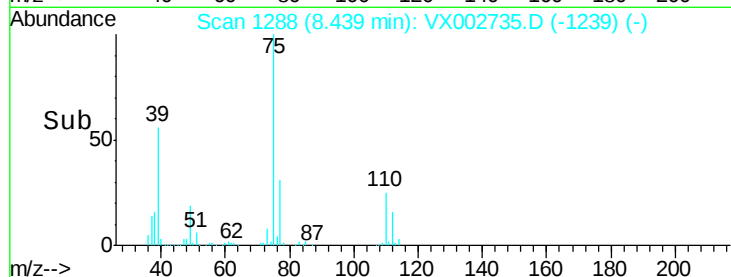
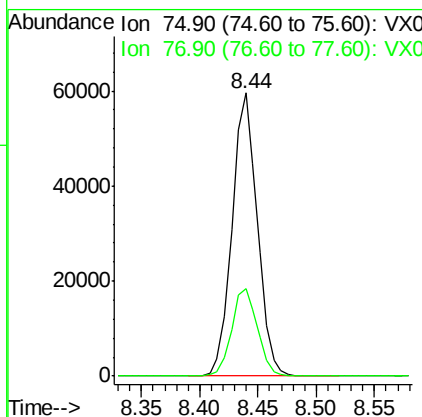
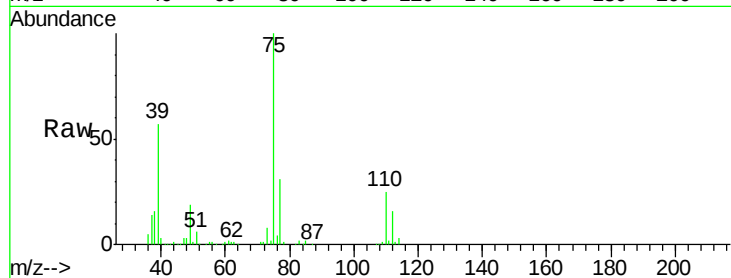
77 30.8 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 19.25 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

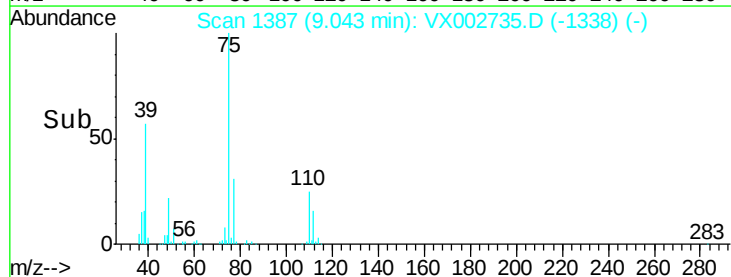
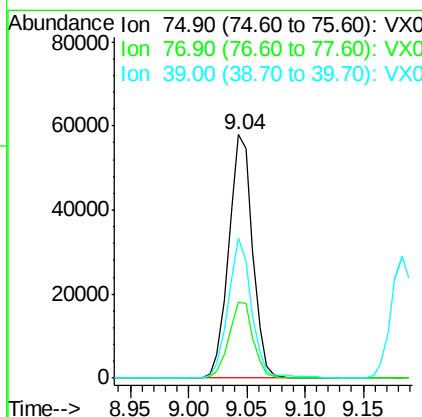
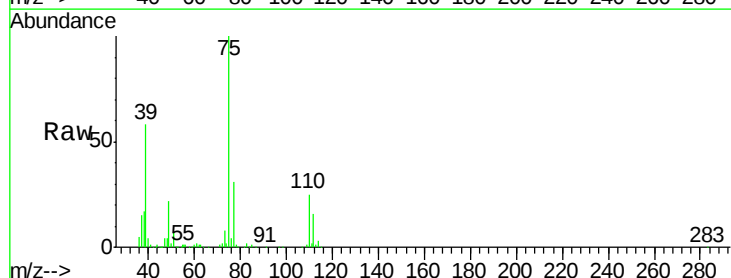
Tgt Ion: 75 Resp: 82544

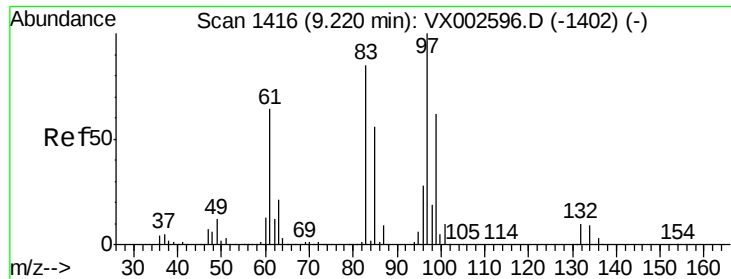
Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

39 57.5 42.4 63.6





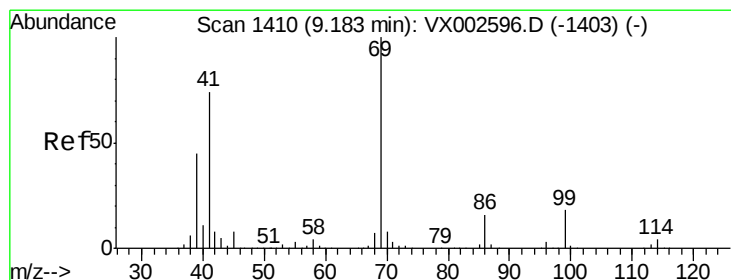
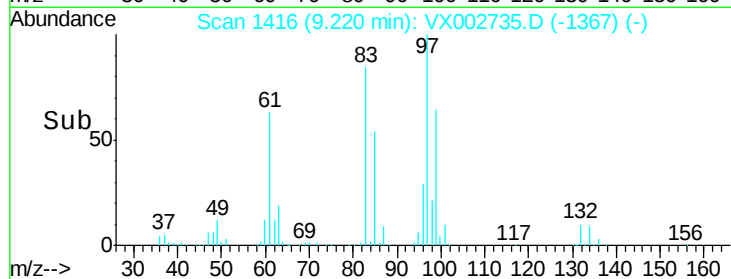
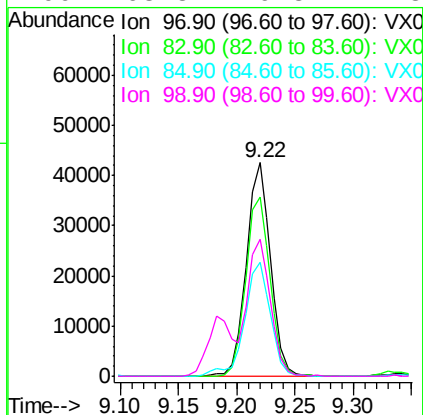
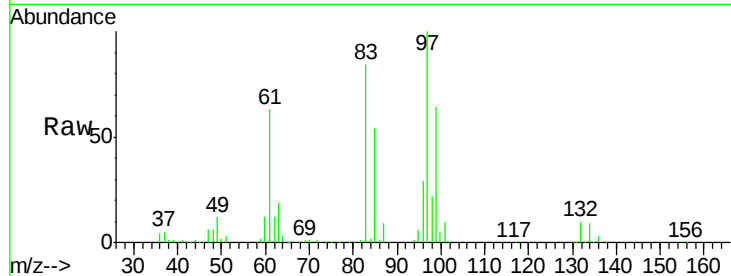
#55
 1,1,2-Trichloroethane
 Concen: 19.49 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

Tot Ion:	97	Resp:	61710
Ion	Ratio	Lower	Upper
97	100		
83	84.1	70.2	105.2
85	53.6	44.9	67.3
99	63.8	49.8	74.8

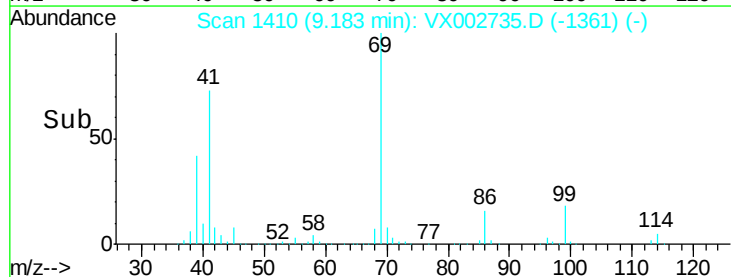
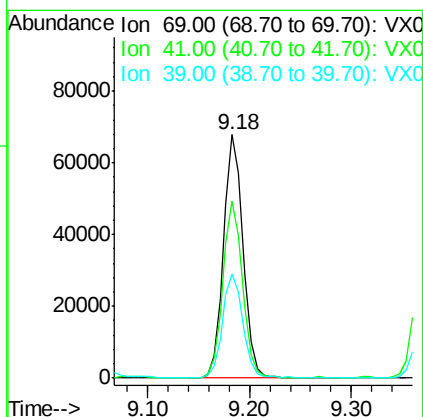
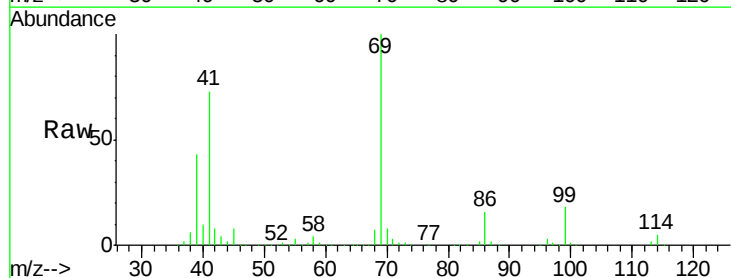
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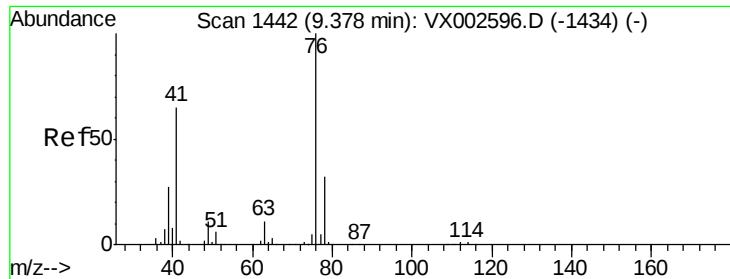
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#56
 Ethyl methacrylate
 Concen: 18.62 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Tgt Ion:	69	Resp:	90707
Ion	Ratio	Lower	Upper
69	100		
41	72.8	60.3	90.5
39	44.0	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.06 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion: 76 Resp: 102030

Ion Ratio Lower Upper

76 100

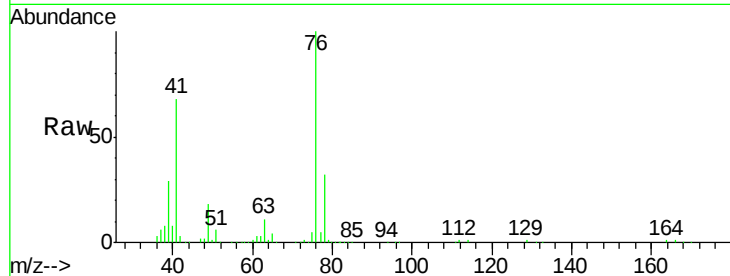
78 31.5 25.8 38.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

80000

60000

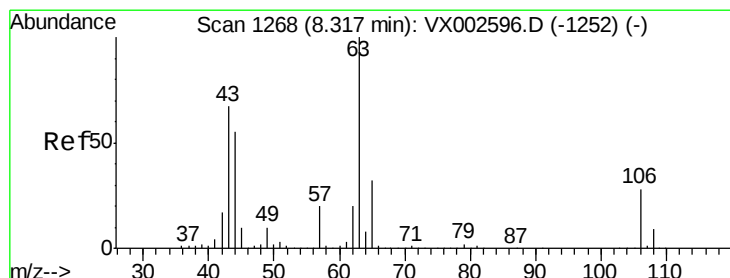
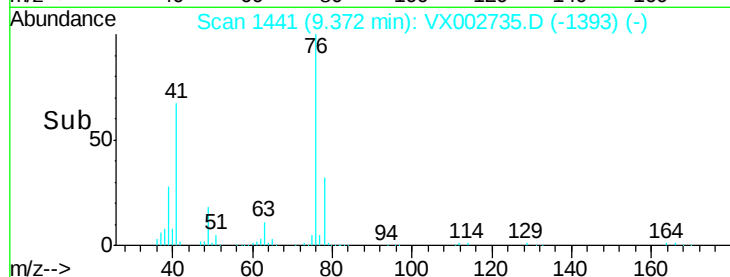
40000

20000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 72.08 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002735.D

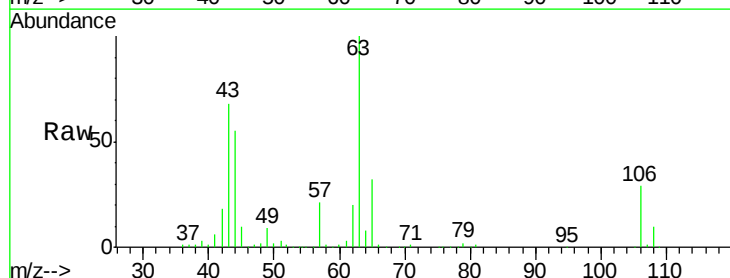
Acq: 20 Jun 2018 12:22

Tgt Ion: 63 Resp: 169861

Ion Ratio Lower Upper

63 100

106 27.7 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

120000

100000

80000

60000

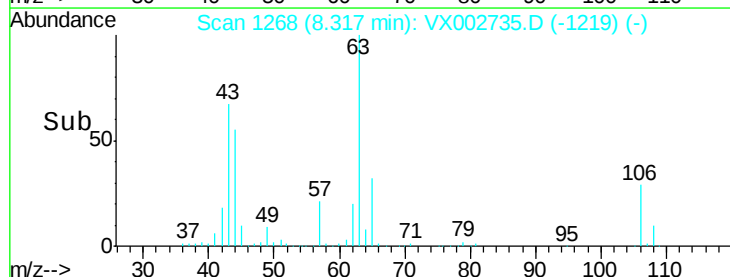
40000

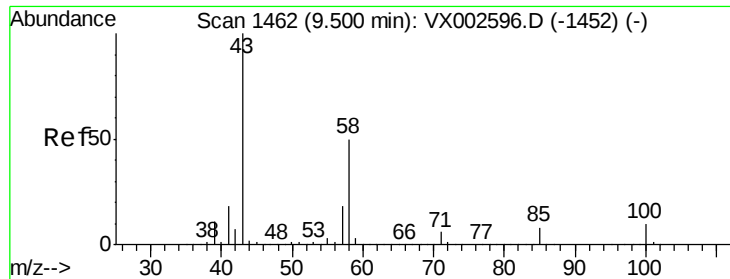
20000

0

8.20 8.30 8.40

Time-->





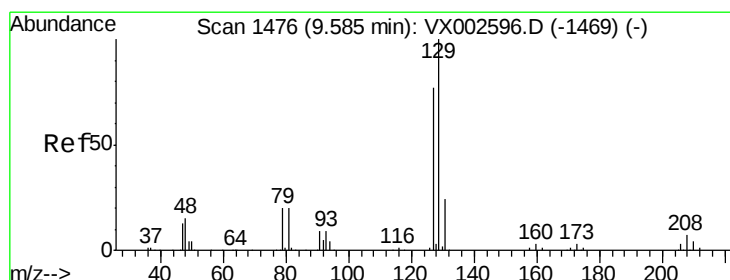
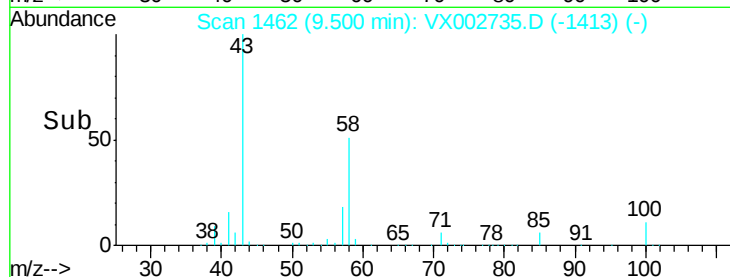
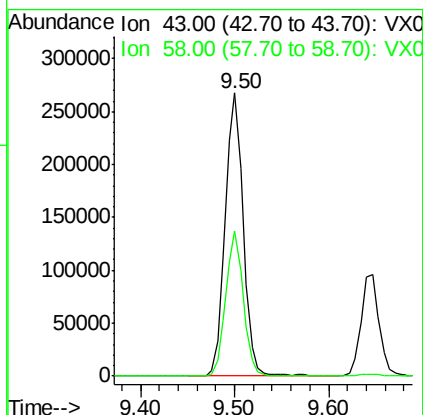
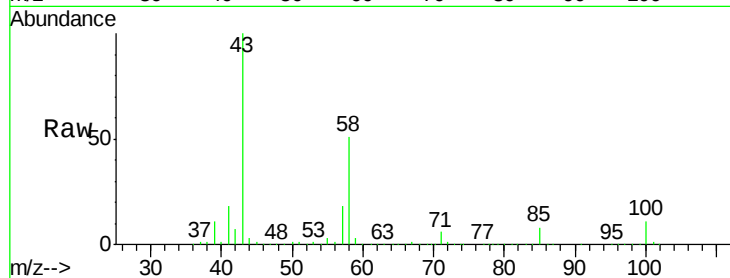
#59
2-Hexanone
Concen: 95.82 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion: 43 Resp: 356117
Ion Ratio Lower Upper
43 100
58 50.1 24.6 73.6

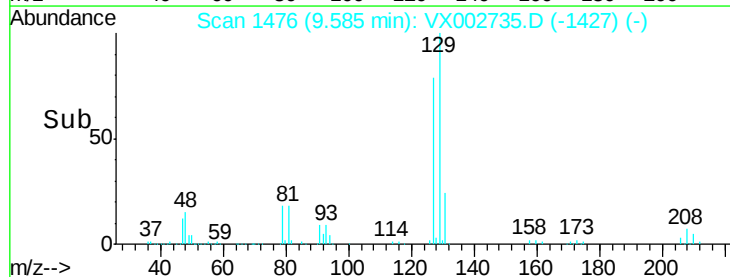
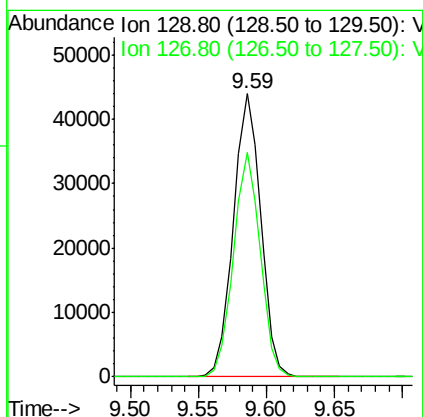
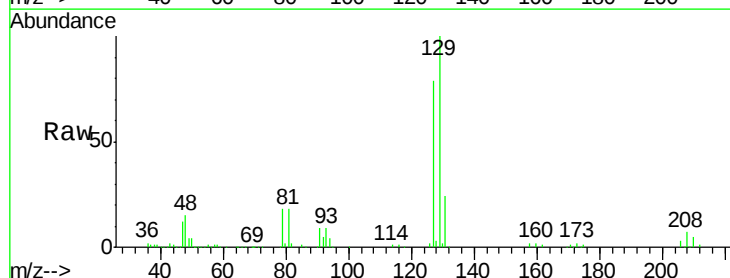
Manual Integrations
APPROVED

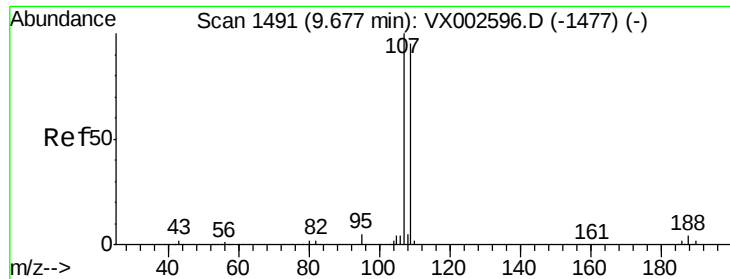
apatel
6/22/2018 8:08:24 AM



#60
Dibromochloromethane
Concen: 19.74 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion: 129 Resp: 61553
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.89 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion:107 Resp: 65208

Ion Ratio Lower Upper

107 100

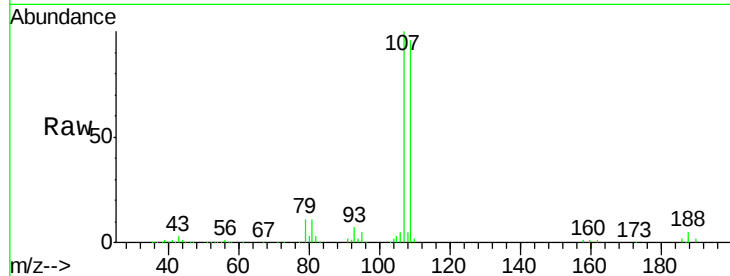
109 93.3 75.3 112.9

Manual Integrations

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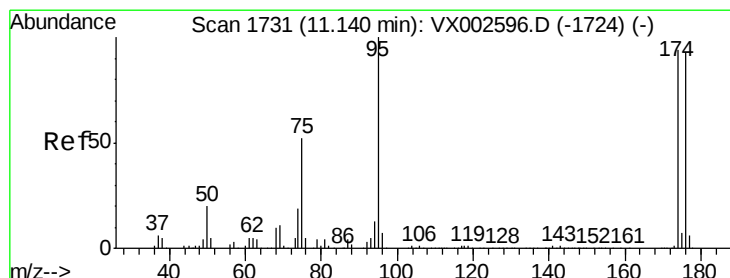
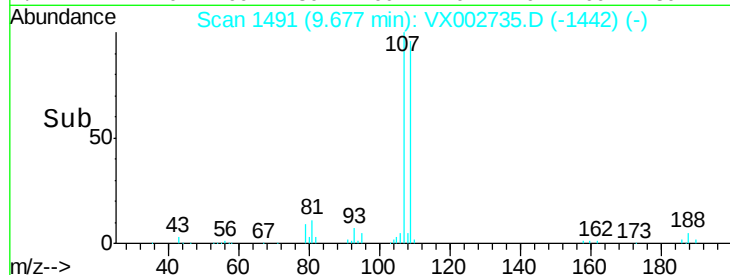
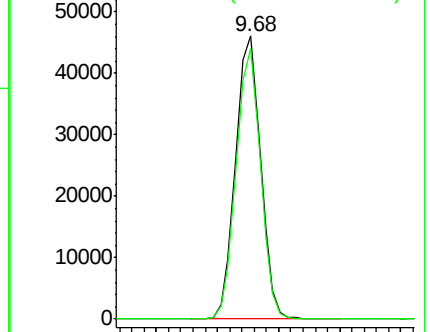
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.97 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

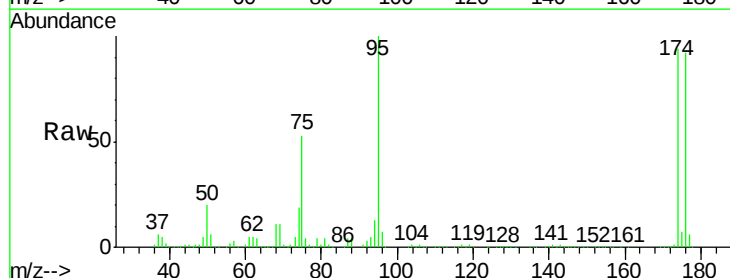
Tgt Ion: 95 Resp: 216875

Ion Ratio Lower Upper

95 100

174 97.5 0.0 187.4

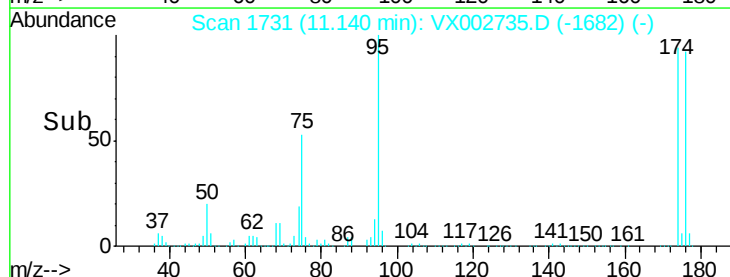
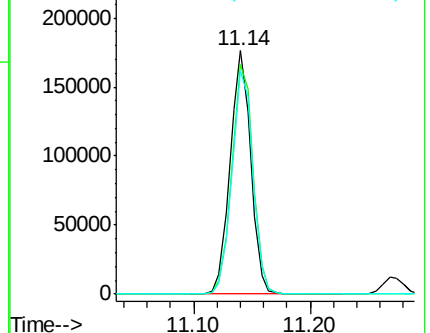
176 93.8 0.0 181.0

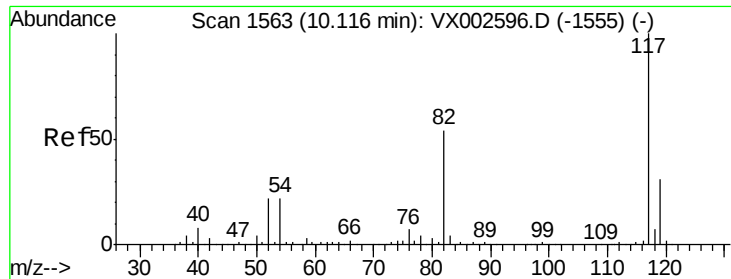


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





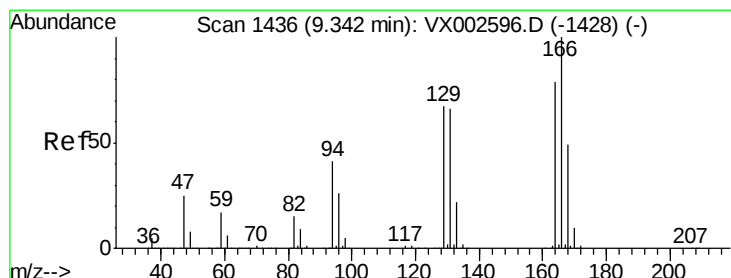
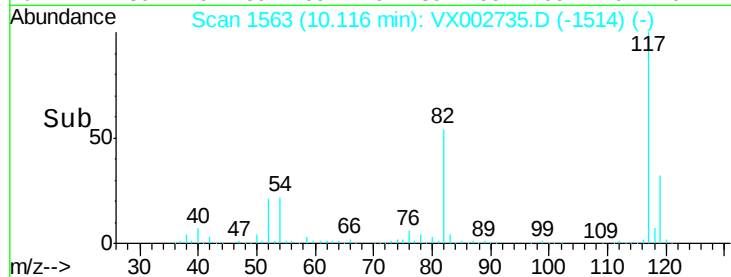
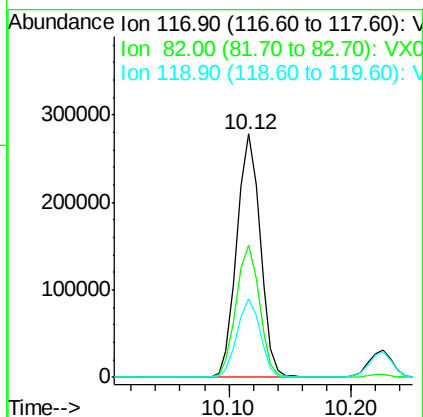
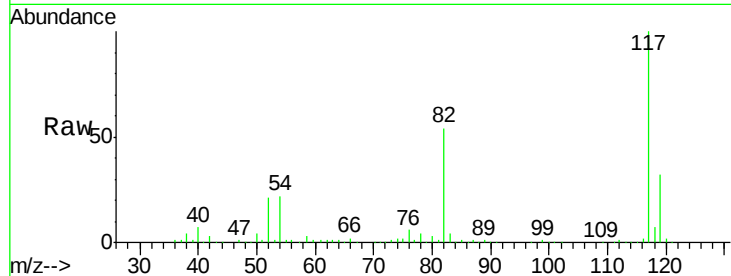
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	45.0	67.4
119	32.2	25.8	38.6

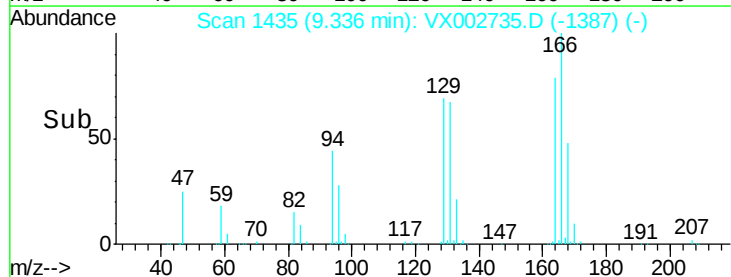
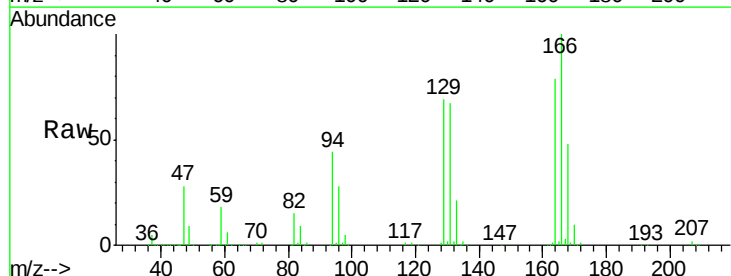
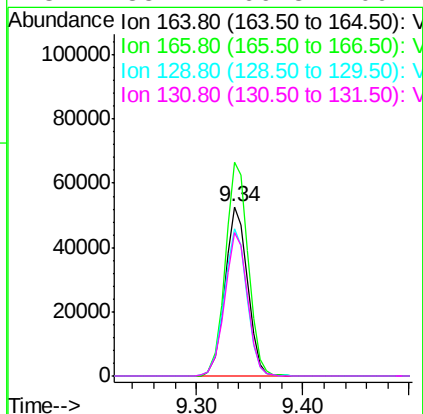
Manual Integrations
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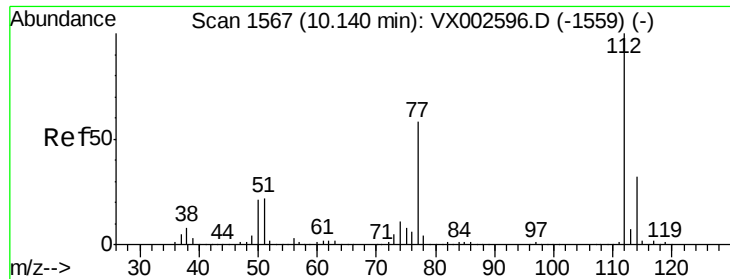
apatel
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#64
Tetrachloroethene
Concen: 19.09 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	102.9	154.3
129	86.8	68.6	102.8
131	85.1	66.8	100.2





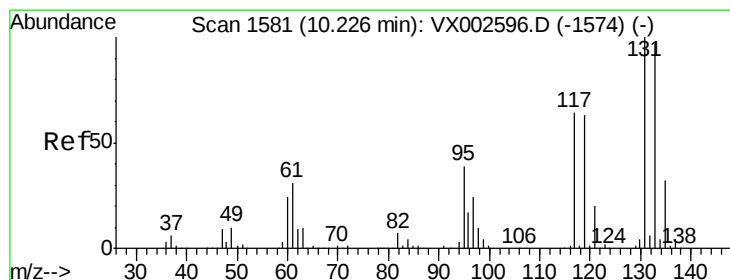
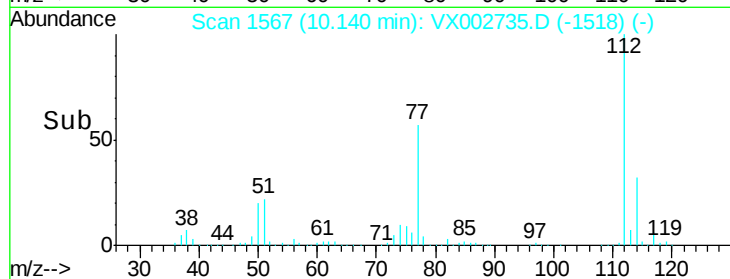
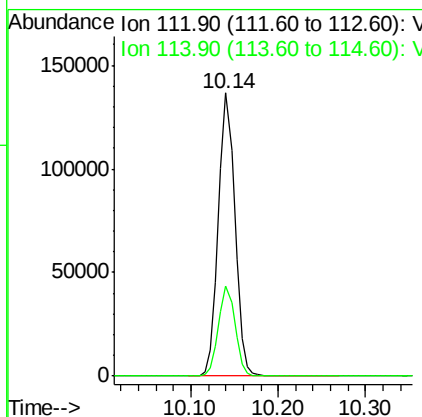
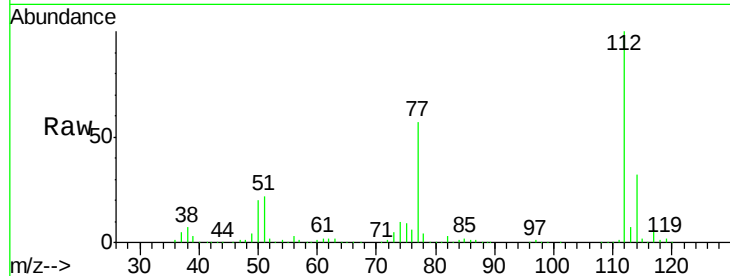
#65
Chlorobenzene
Concen: 19.80 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Instrument :
MSVOA_X
ClientSampled :
VX0620WBS01

Tot Ion:112 Resp: 179174
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9

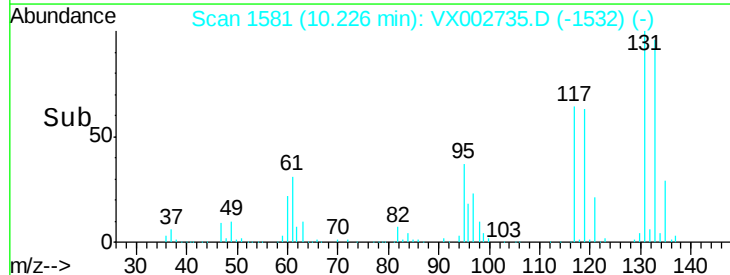
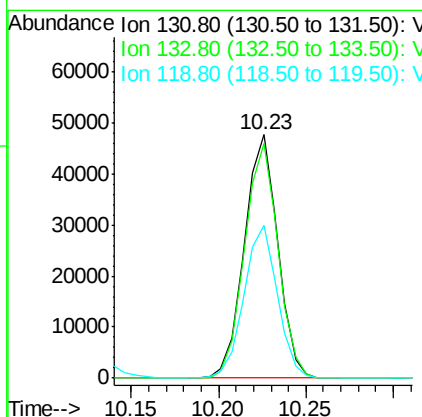
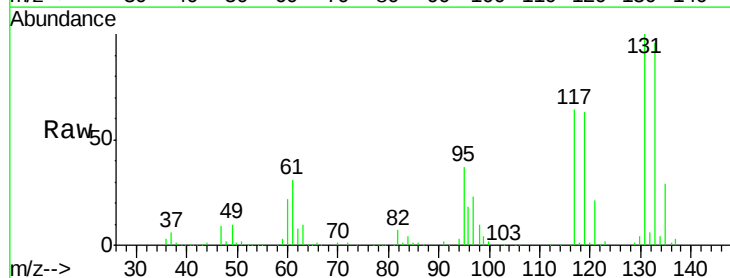
Manual Integrations
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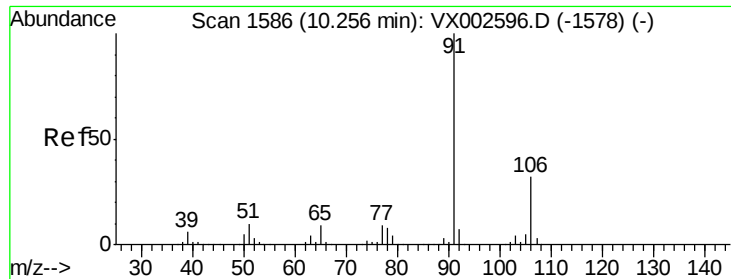
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.50 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion:131 Resp: 63240
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.6
119 62.8 31.8 95.3





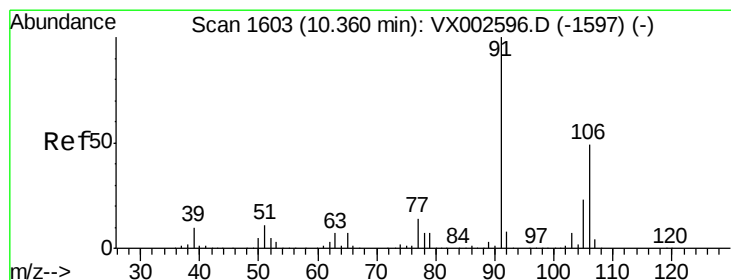
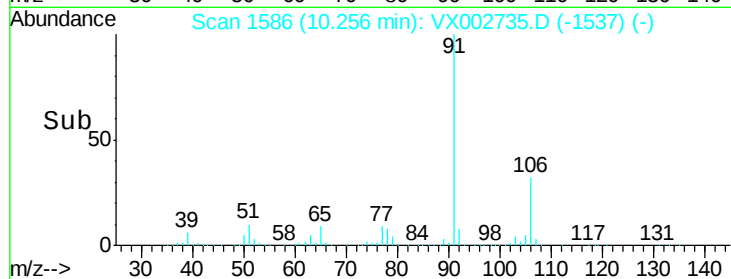
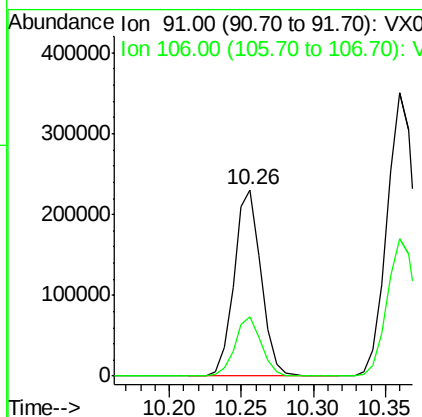
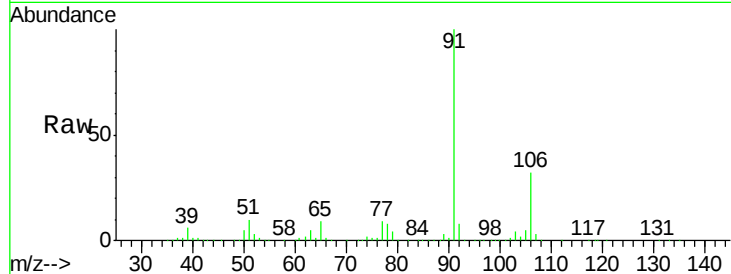
#67
Ethyl Benzene
Concen: 19.73 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion: 91 Resp: 301143
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3

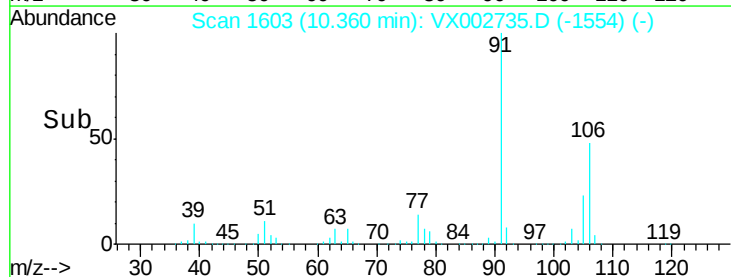
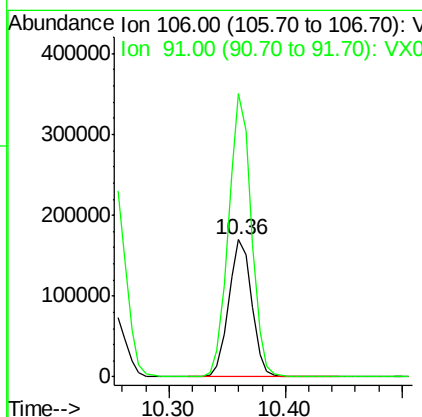
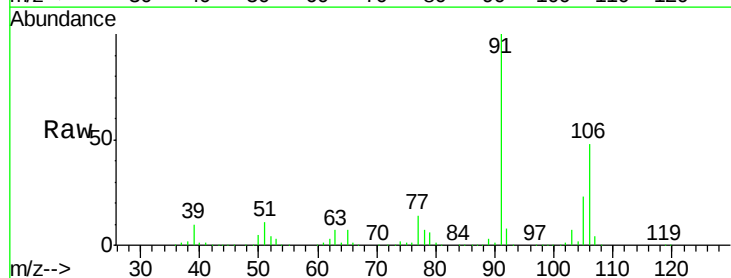
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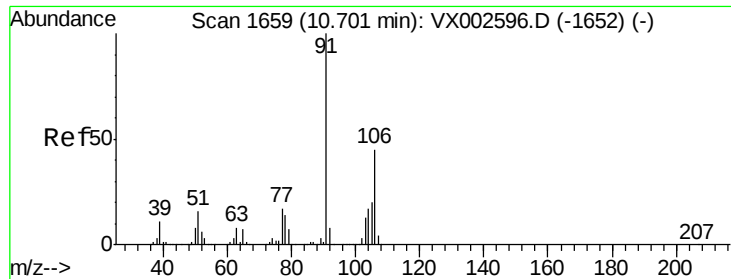
apatel
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#68
m/p-Xylenes
Concen: 39.62 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion: 106 Resp: 233258
Ion Ratio Lower Upper
106 100
91 204.0 163.4 245.2





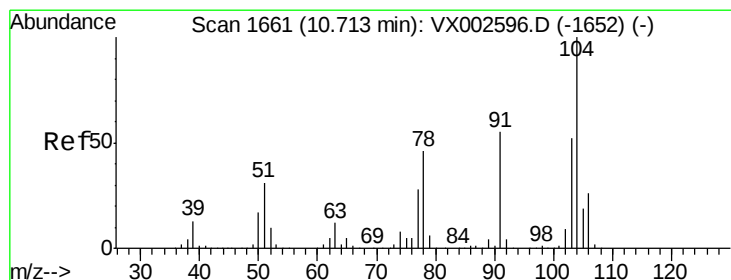
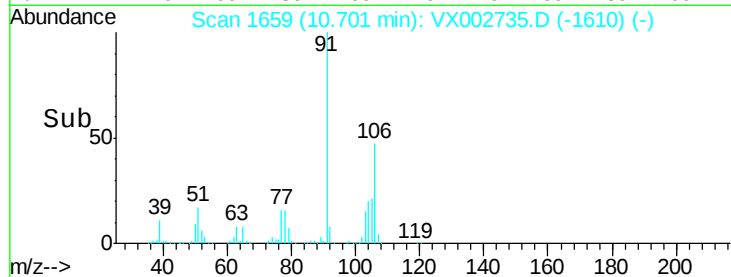
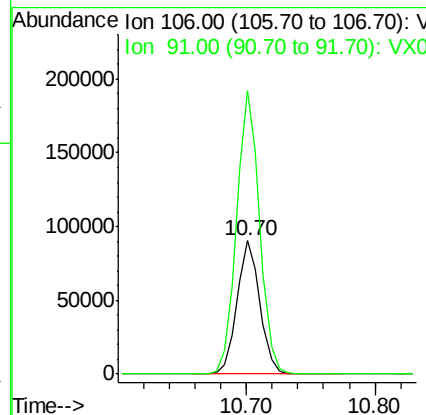
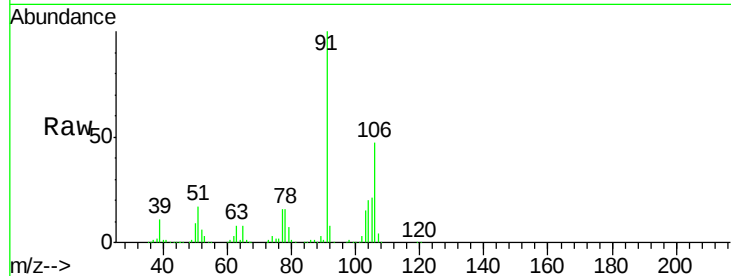
#69
o-Xylene
Concen: 19.32 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Instrument :
MSVOA_X
ClientSampled :
VX0620WBS01

Tot Ion:106 Resp: 111775
Ion Ratio Lower Upper
106 100
91 214.4 108.2 324.6

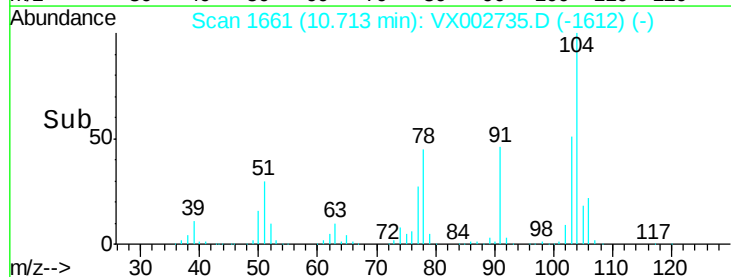
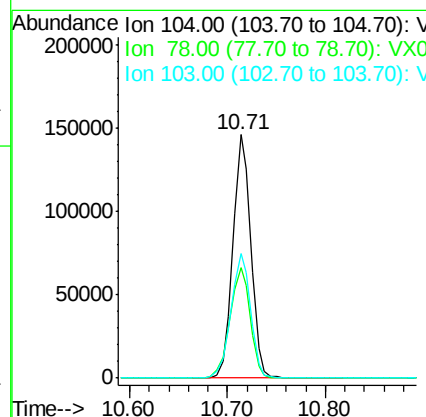
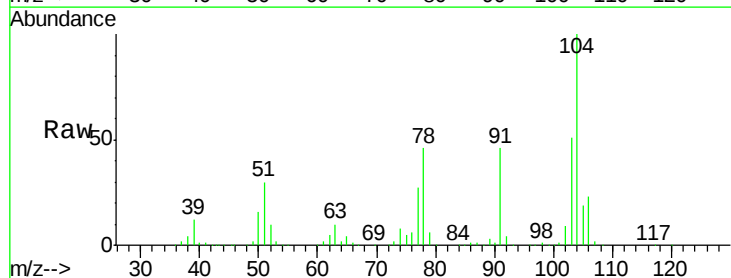
Manual Integrations
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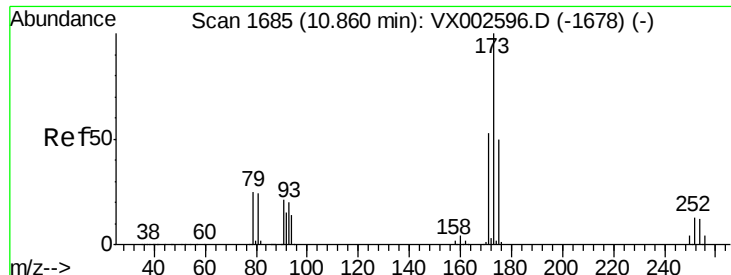
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#70
Styrene
Concen: 19.68 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion:104 Resp: 187209
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.6
103 55.8 44.2 66.4





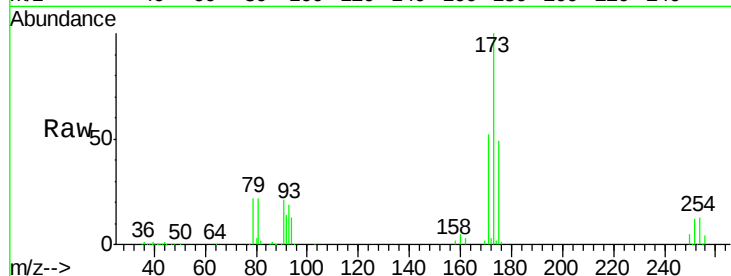
#71
Bromoform
Concen: 19.62 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

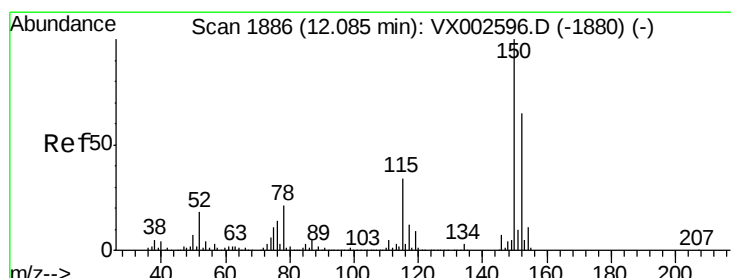
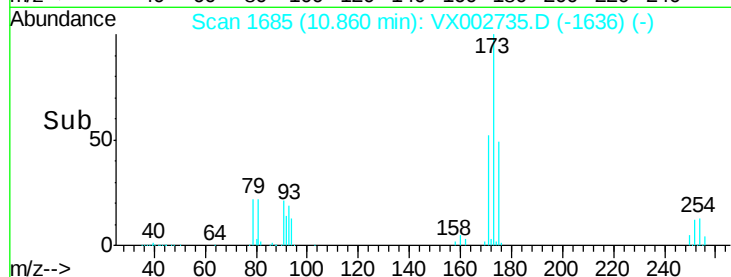
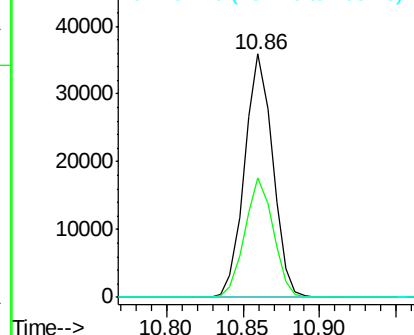
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.7	74.1
254	0.1	0.2	0.2

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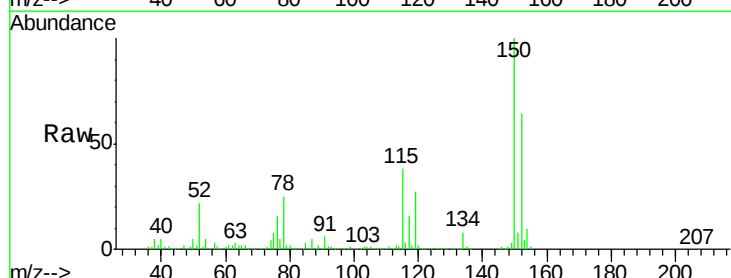


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

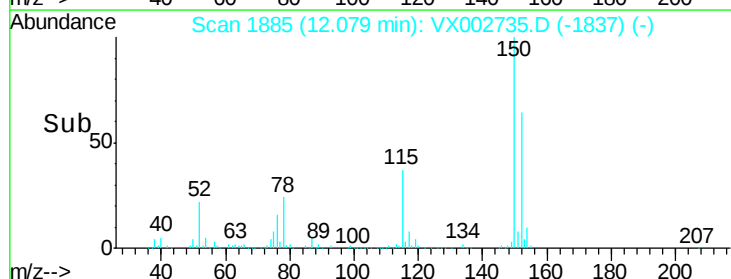
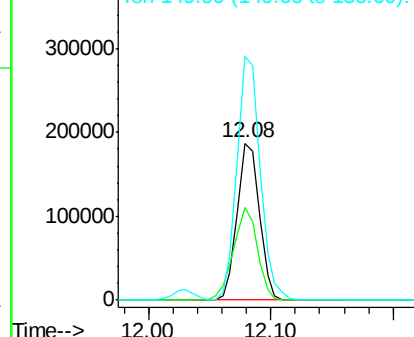


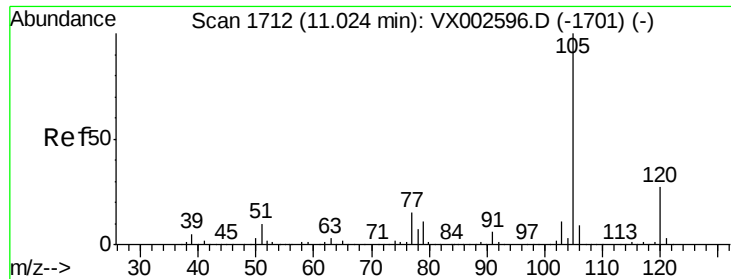
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.8	40.1	120.2
150	162.1	0.0	347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.56 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion:105 Resp: 306911

Ion Ratio Lower Upper

105 100

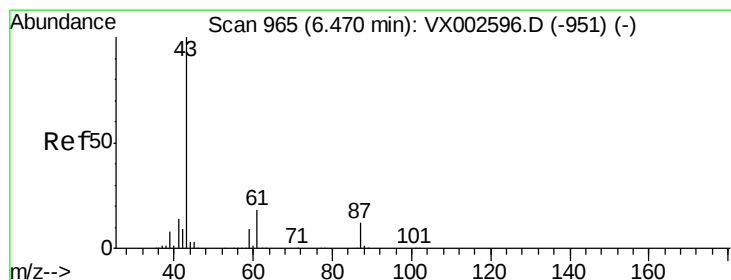
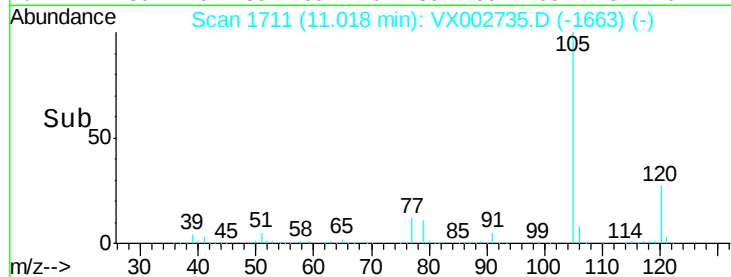
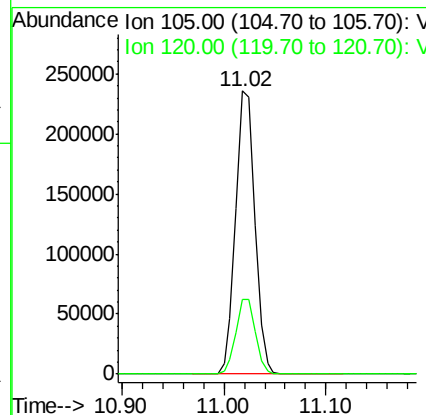
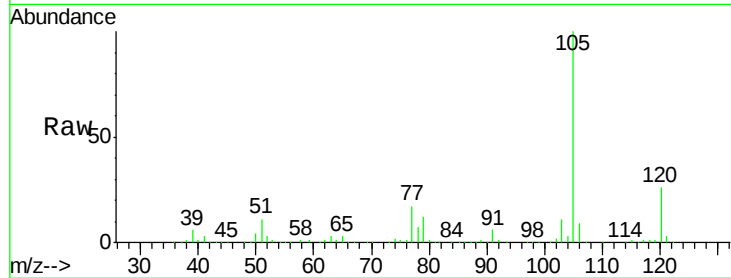
120 26.7 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.11 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Tgt Ion: 43 Resp: 141144

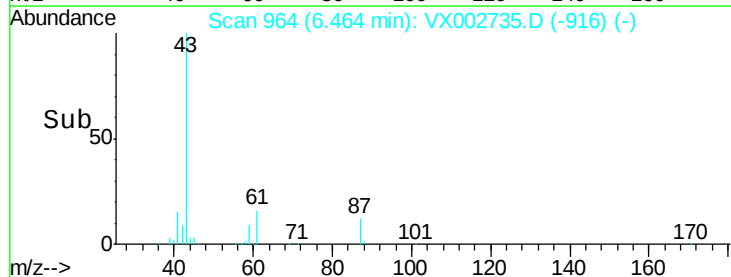
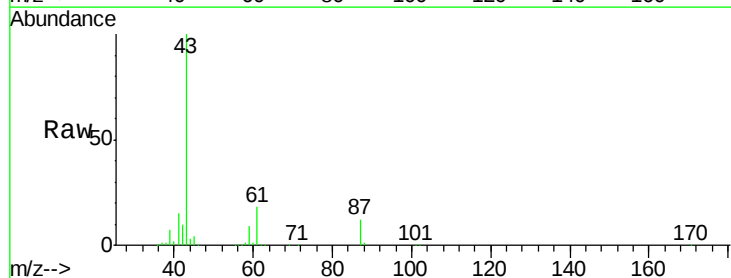
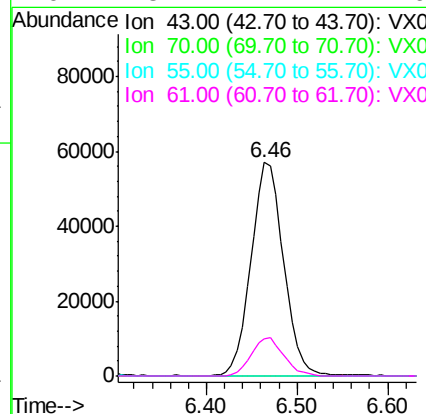
Ion Ratio Lower Upper

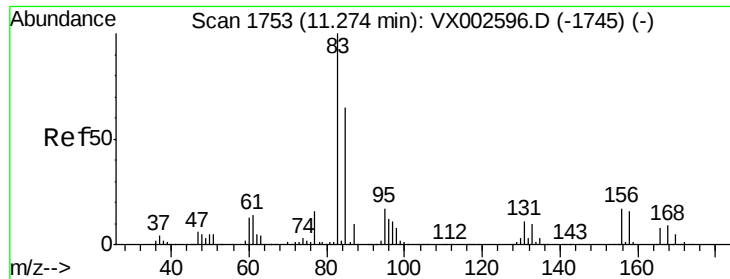
43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0

61 18.1 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.64 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion: 83 Resp: 91012

Ion Ratio Lower Upper

83 100

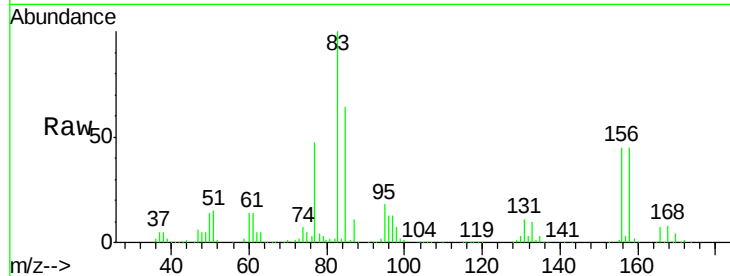
131 11.6 5.6 16.8

85 64.5 32.4 97.2

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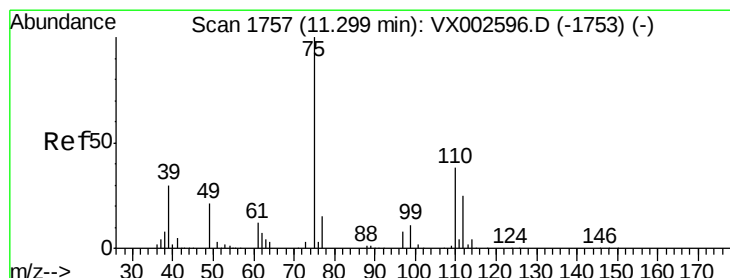
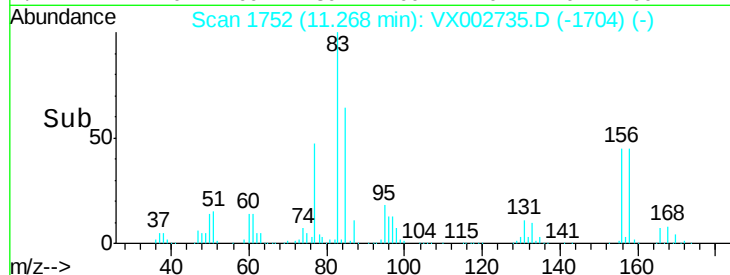
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

11.27

Time-->



#76

1,2,3-Trichloropropane

Concen: 18.44 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002735.D

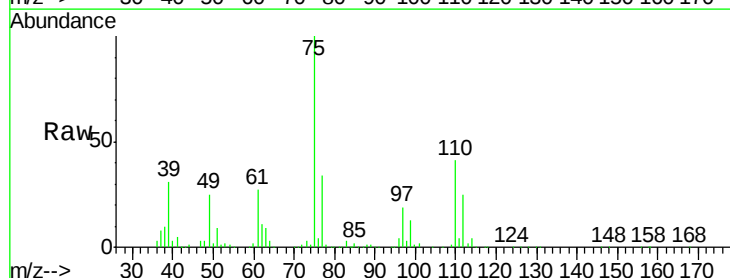
Acq: 20 Jun 2018 12:22

Tgt Ion: 75 Resp: 81612

Ion Ratio Lower Upper

75 100

77 40.6 22.8 68.3

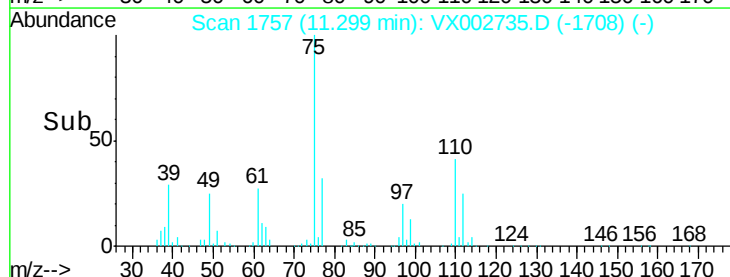


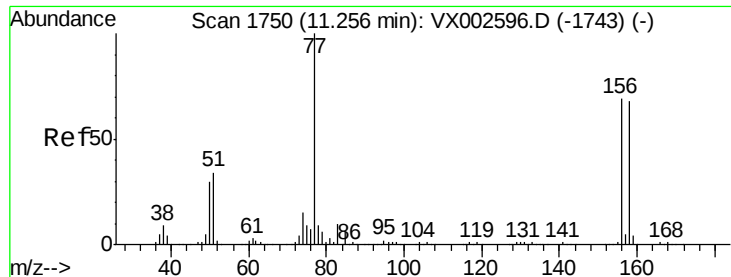
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.30

Time-->





#77

Bromobenzene

Concen: 19.23 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion:156 Resp: 84052

Ion Ratio Lower Upper

156 100

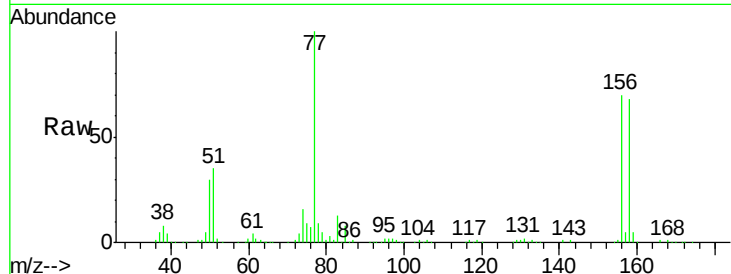
77 138.5 71.4 214.2

158 98.7 48.9 146.6

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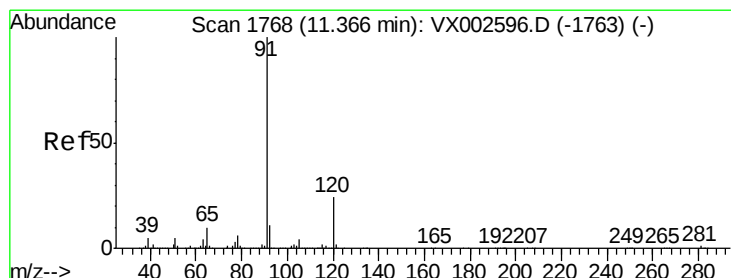
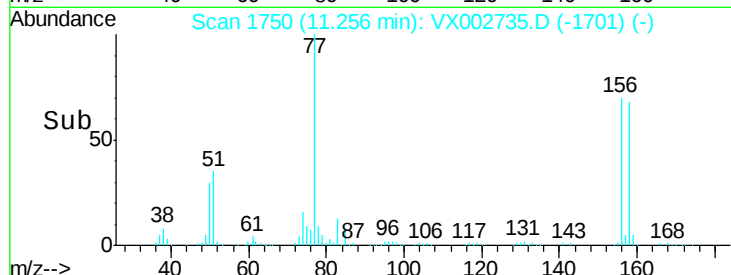
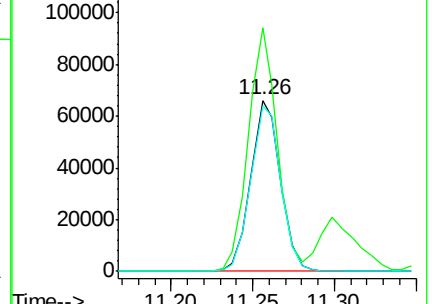
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.65 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX002735.D

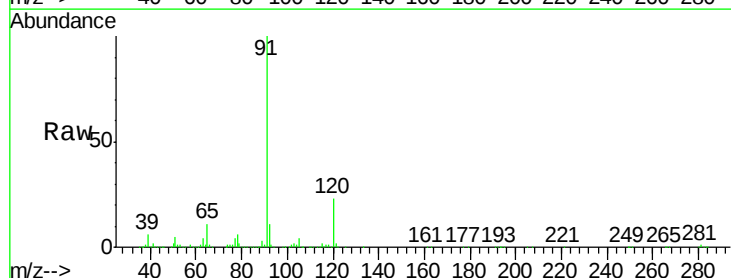
Acq: 20 Jun 2018 12:22

Tgt Ion: 91 Resp: 353500

Ion Ratio Lower Upper

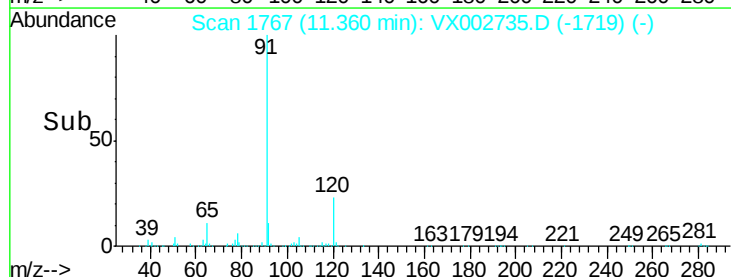
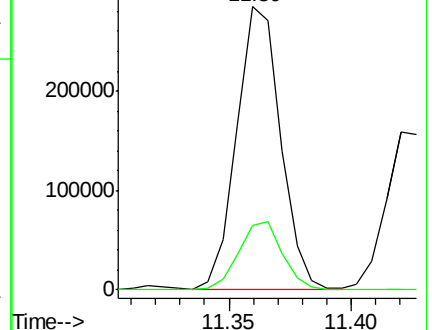
91 100

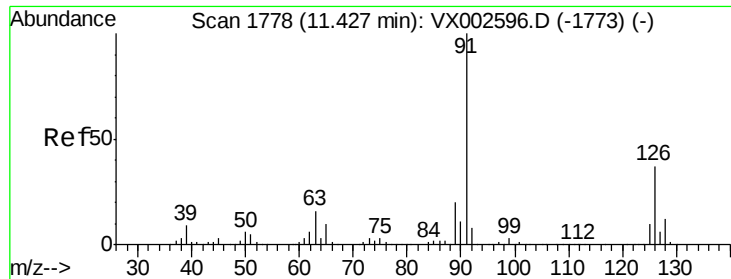
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.20 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion: 91 Resp: 206289

Ion Ratio Lower Upper

91 100

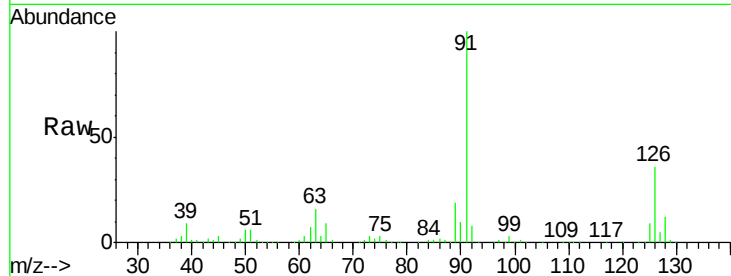
126 36.6 17.7 53.1

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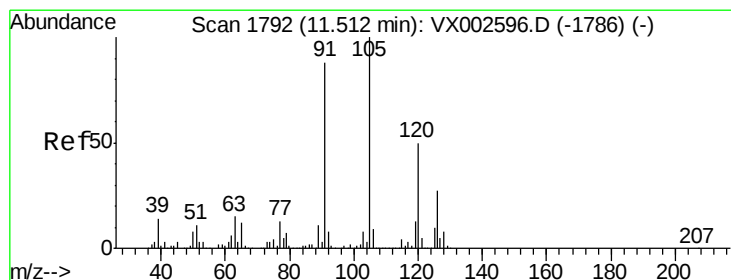
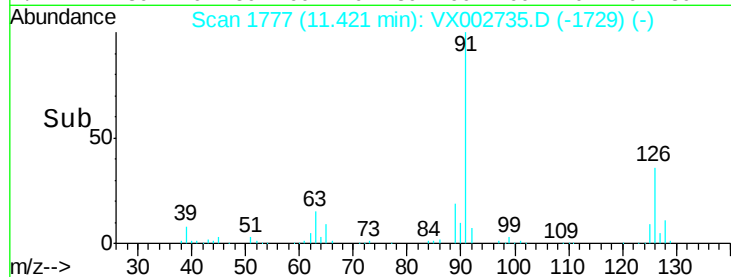
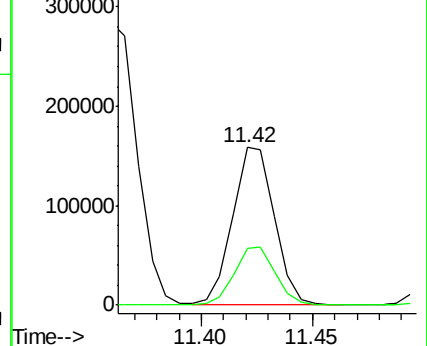
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.67 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX002735.D

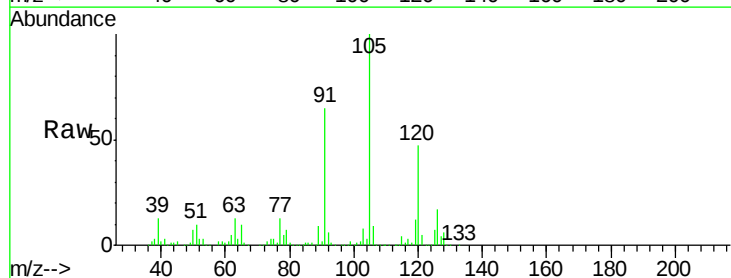
Acq: 20 Jun 2018 12:22

Tgt Ion: 105 Resp: 260870

Ion Ratio Lower Upper

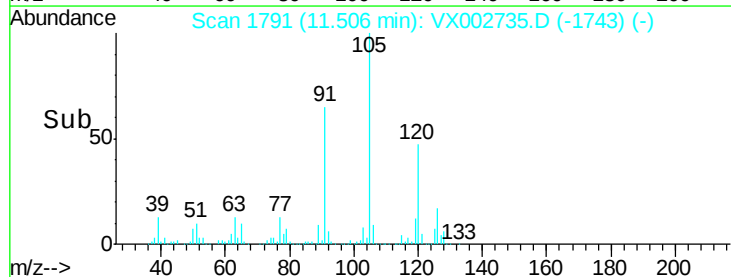
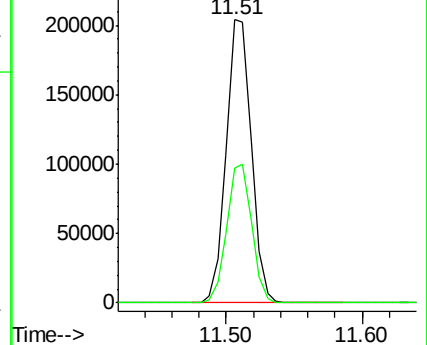
105 100

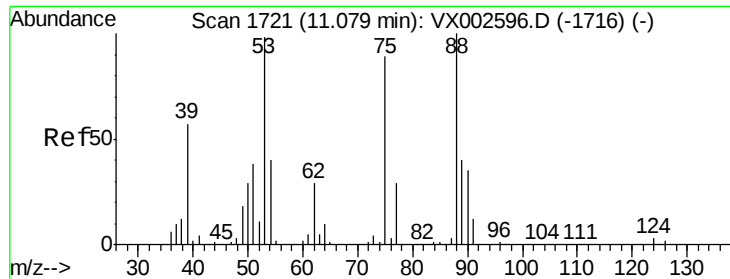
120 48.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.49 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion: 75 Resp: 23109

Ion Ratio Lower Upper

75 100

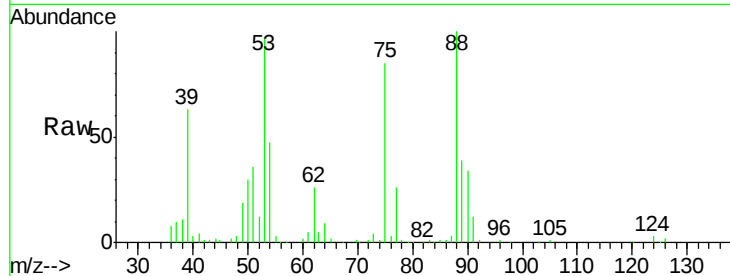
53 117.9 86.8 130.2

89 46.5 38.2 57.2

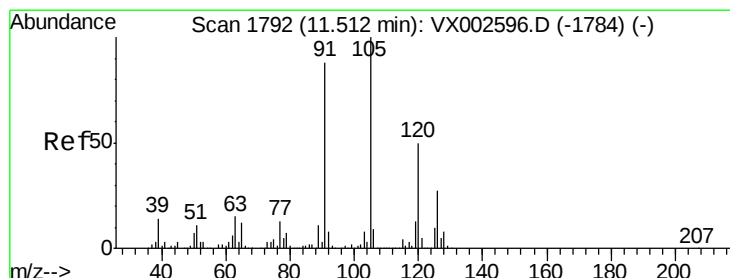
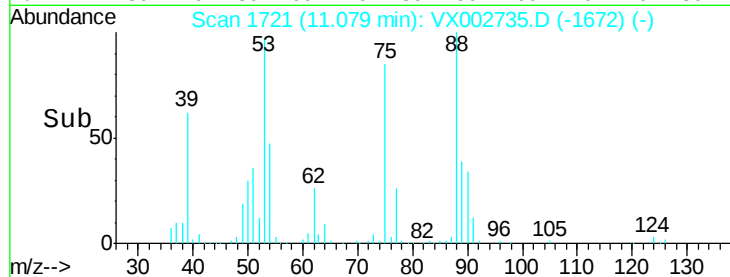
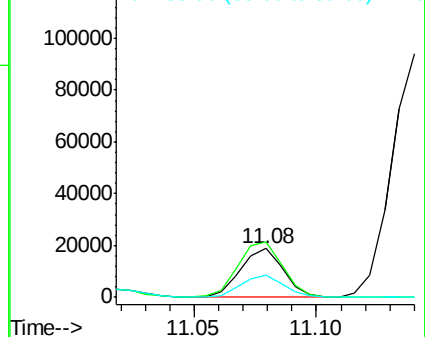
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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.60 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002735.D

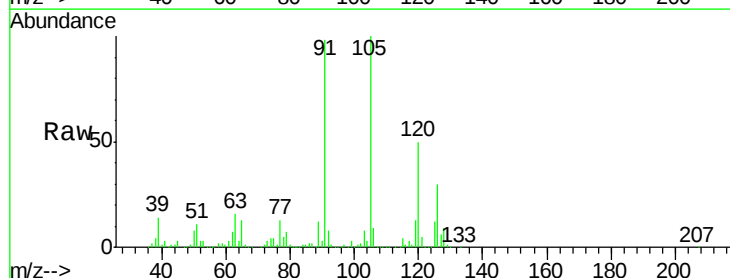
Acq: 20 Jun 2018 12:22

Tgt Ion: 91 Resp: 248509

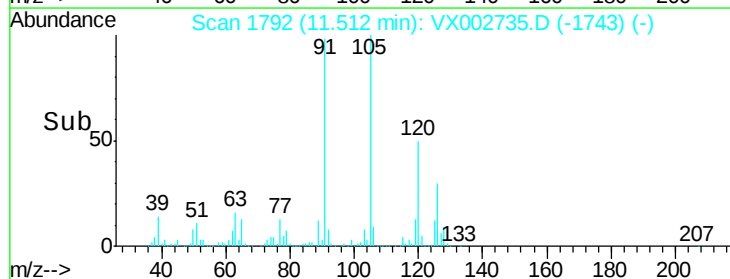
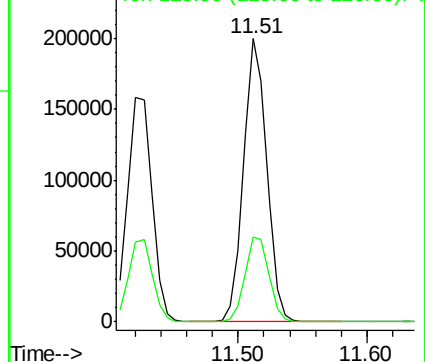
Ion Ratio Lower Upper

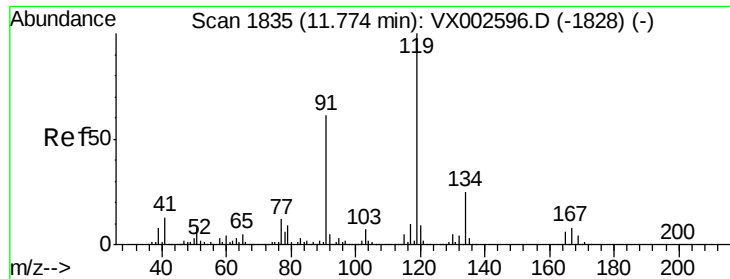
91 100

126 30.8 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





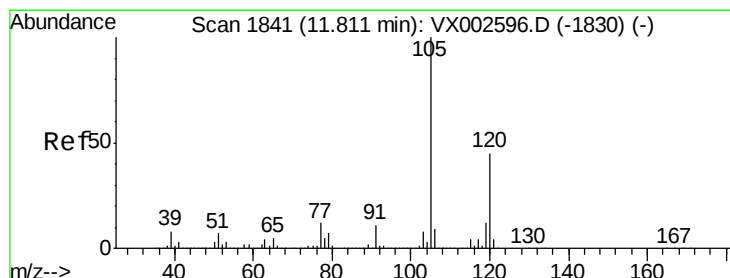
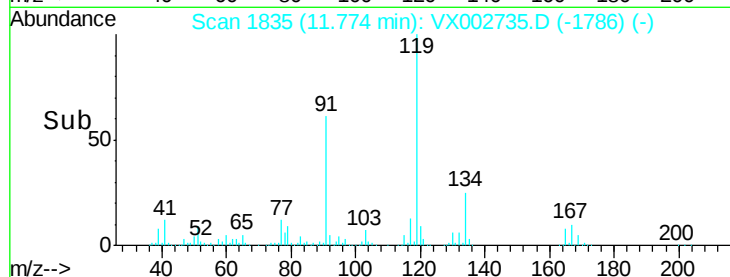
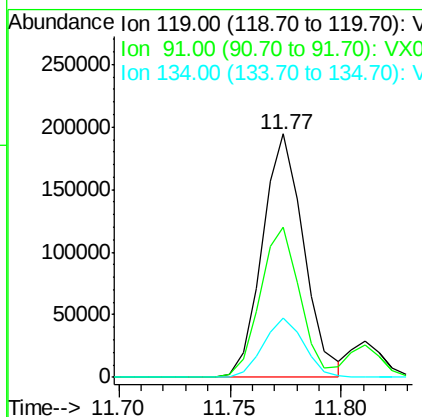
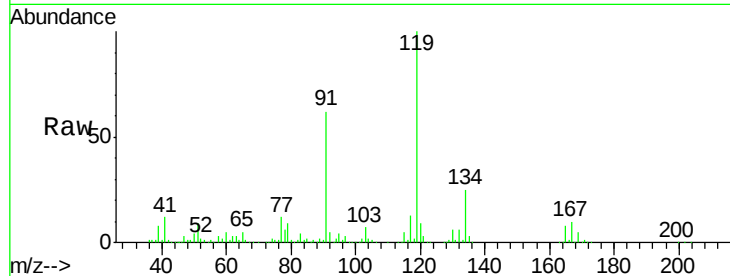
#83
tert-Butylbenzene
Concen: 19.63 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	250757		
91	59.0		30.3	90.9
134	24.2		11.7	35.1

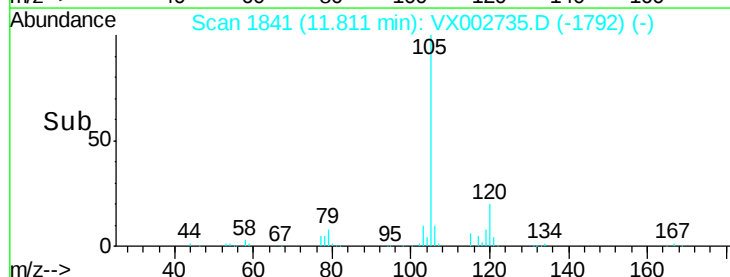
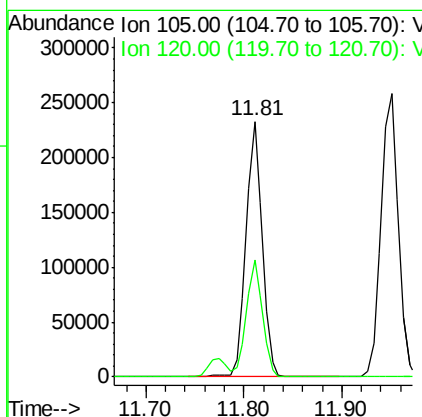
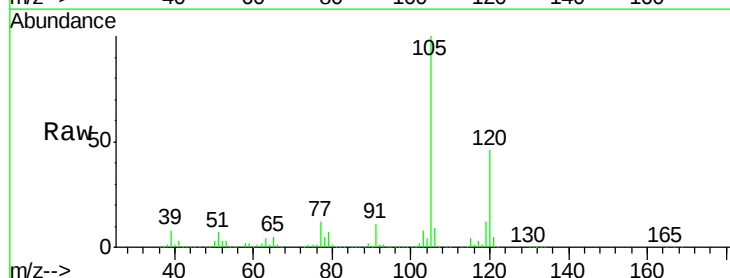
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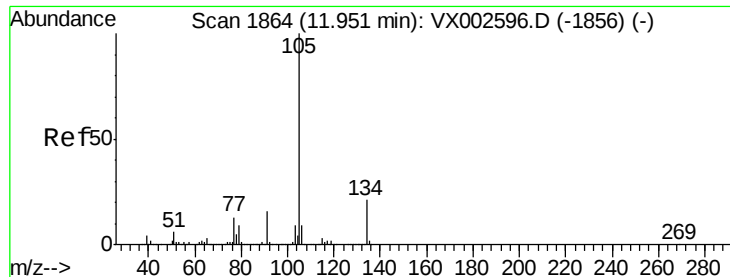
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#84
1,2,4-Trimethylbenzene
Concen: 19.91 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	269339		
120	45.4		22.3	66.8





#85

sec-Butylbenzene

Concen: 19.91 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion:105 Resp: 316207

Ion Ratio Lower Upper

105 100

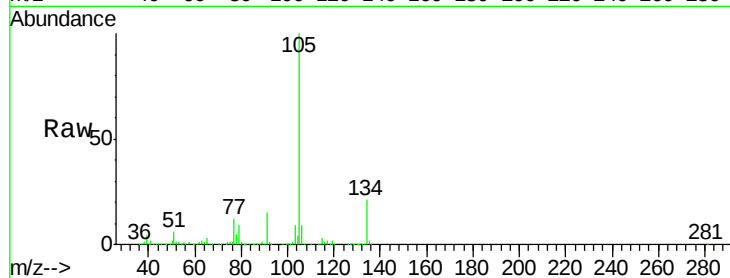
134 20.7 10.4 31.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

300000

250000

200000

150000

100000

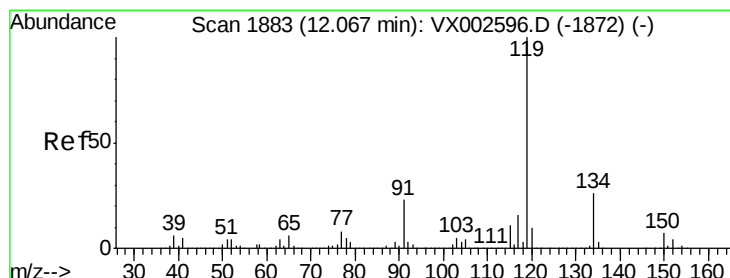
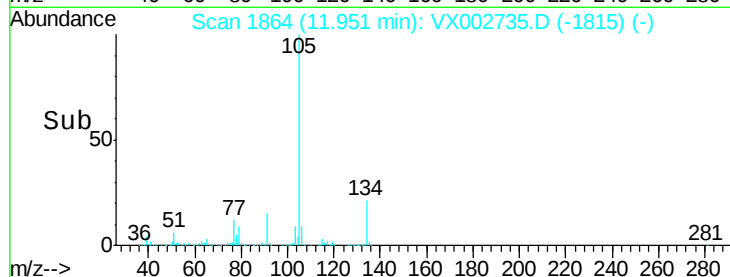
50000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 19.88 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

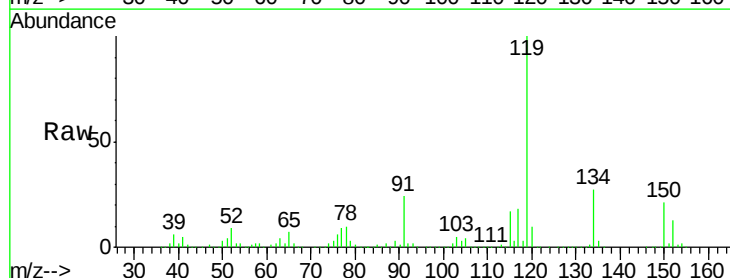
Tgt Ion:119 Resp: 285749

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 24.2 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

300000

250000

200000

150000

100000

50000

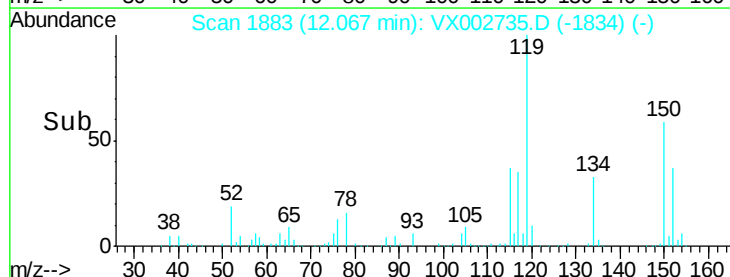
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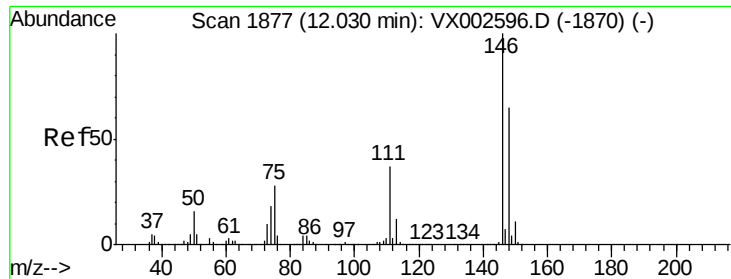
12.00

12.10

12.20

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.50 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion:146 Resp: 156348

Ion Ratio Lower Upper

146 100

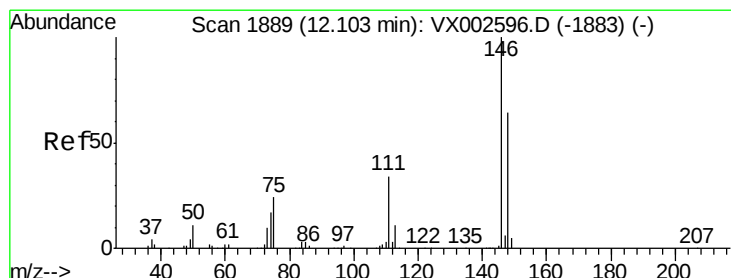
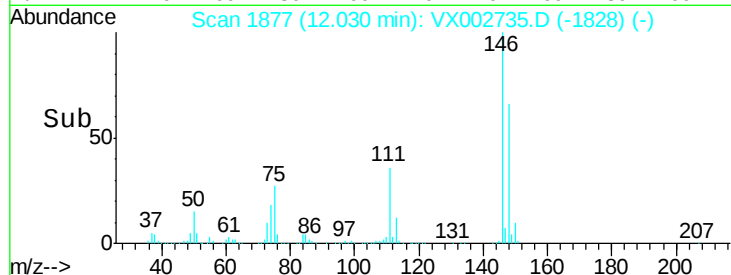
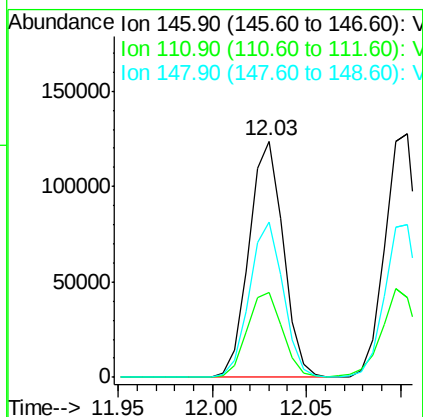
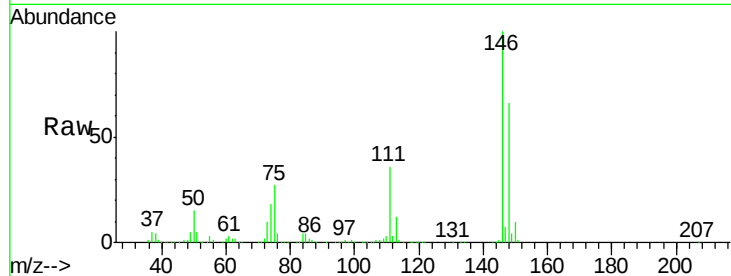
111 37.0 18.9 56.7

148 64.6 32.1 96.3

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#88

1,4-Dichlorobenzene

Concen: 19.71 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

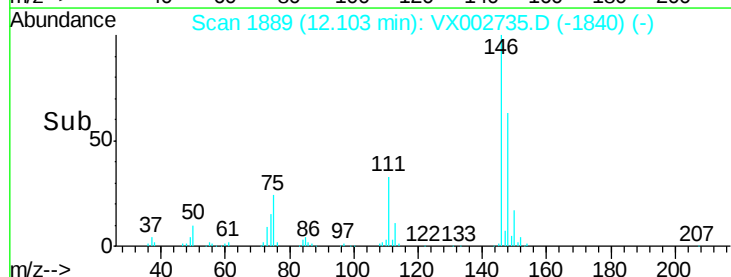
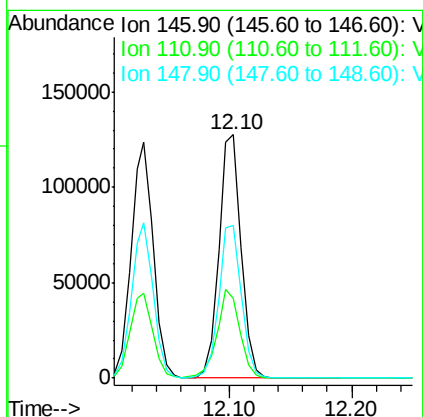
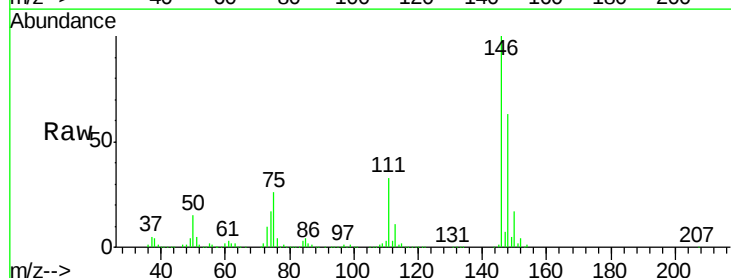
Tgt Ion:146 Resp: 160784

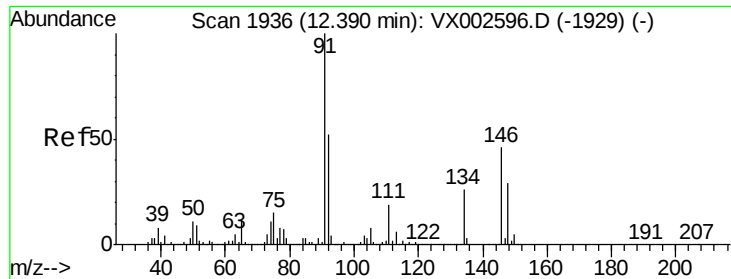
Ion Ratio Lower Upper

146 100

111 37.2 18.7 56.1

148 64.0 32.4 97.0





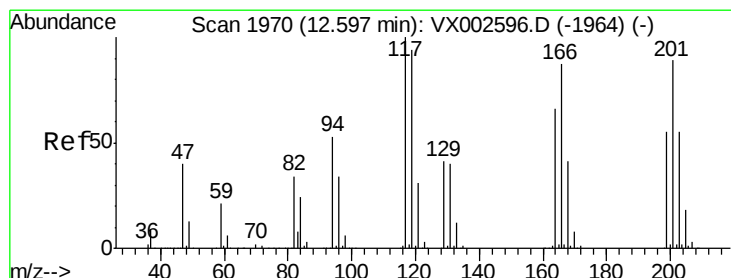
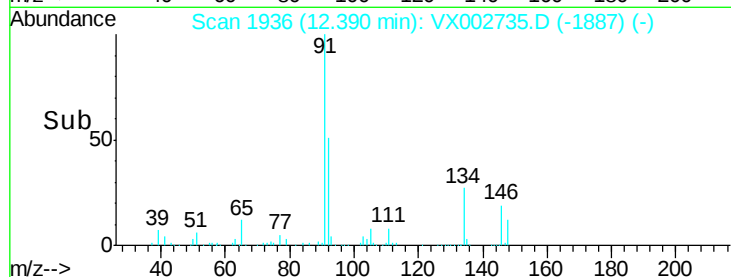
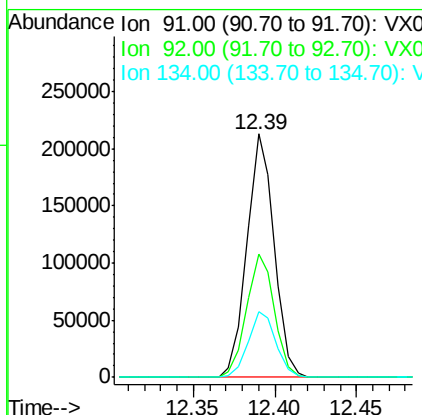
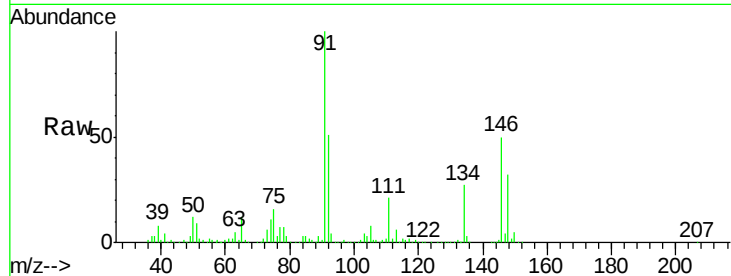
#89
n-Butylbenzene
Concen: 19.61 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.0	78.0
134	27.1	13.5	40.5

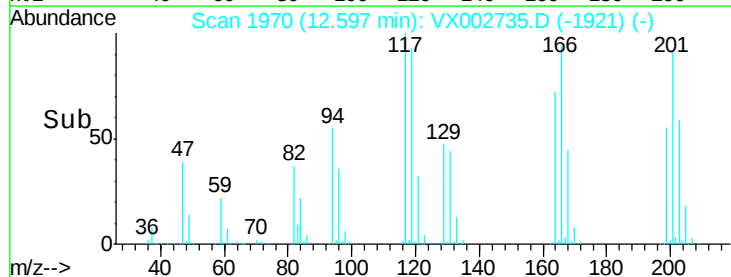
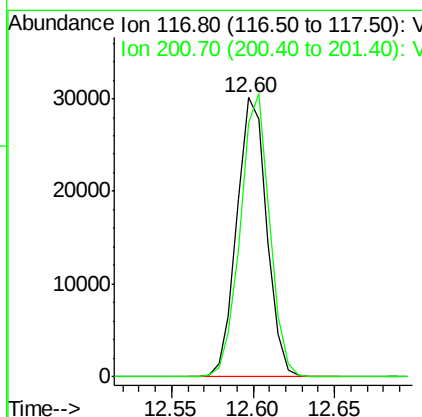
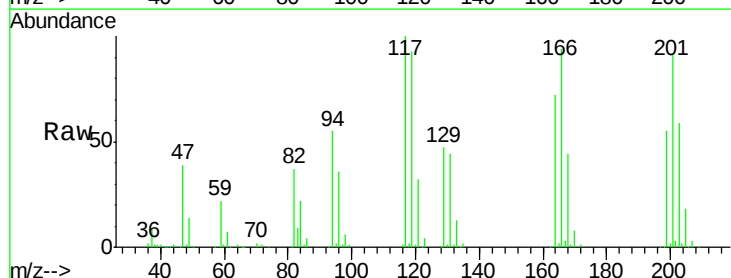
Manual Integrations
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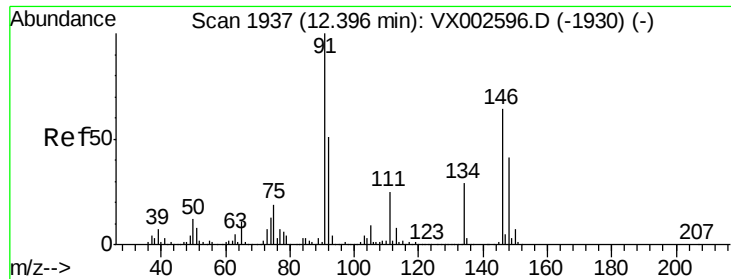
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#90
Hexachloroethane
Concen: 18.92 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 12:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	99.4	49.0	147.0





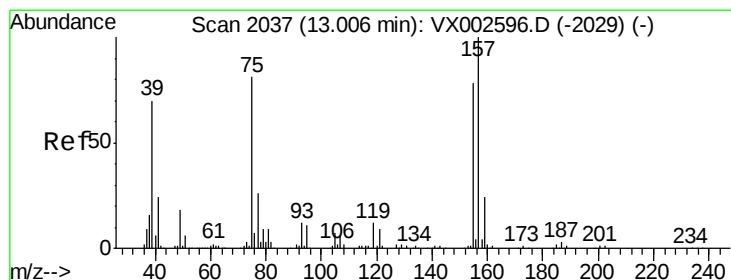
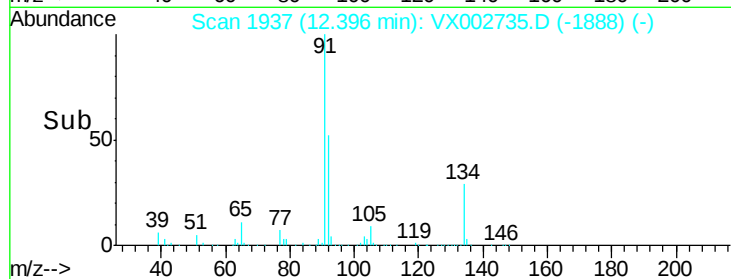
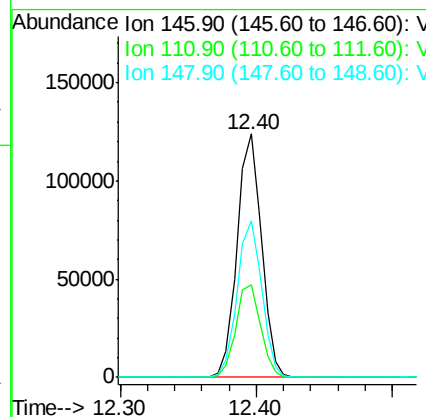
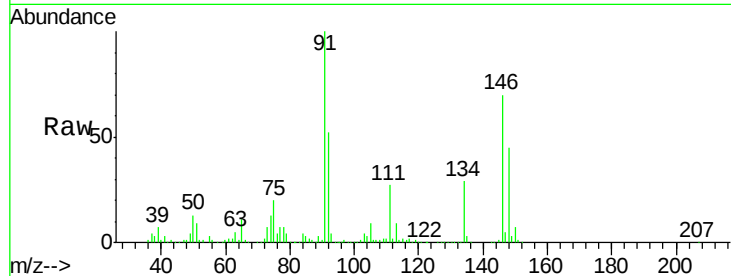
#91
 1,2-Dichlorobenzene
 Concen: 19.20 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	154883		
111	38.9	19.4	58.1	
148	65.0	31.7	95.1	

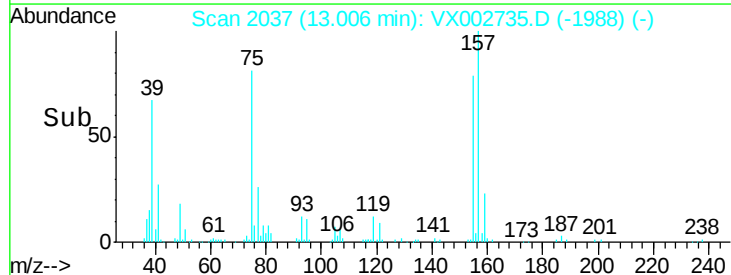
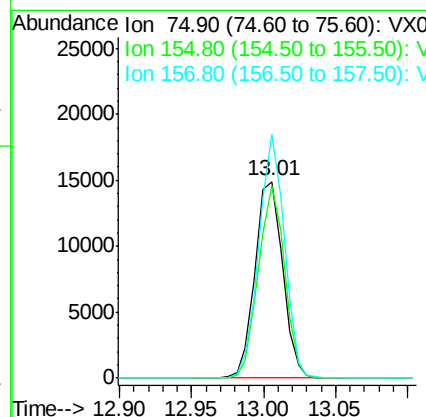
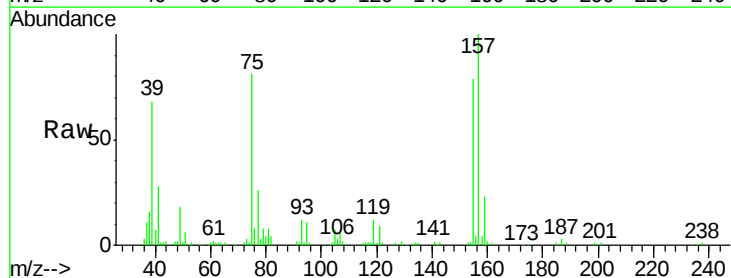
Manual Integrations
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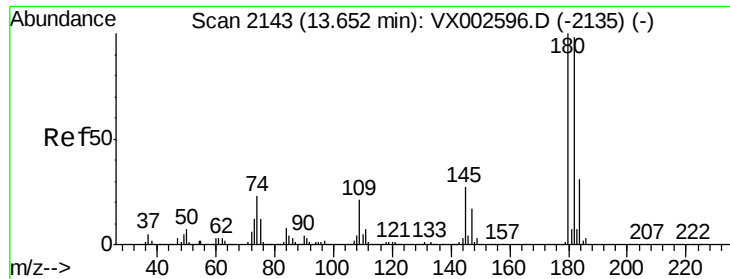
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.36 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19760		
155	92.3	45.8	137.4	
157	113.8	60.1	180.3	





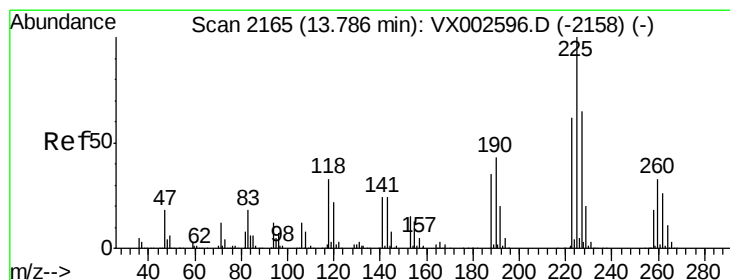
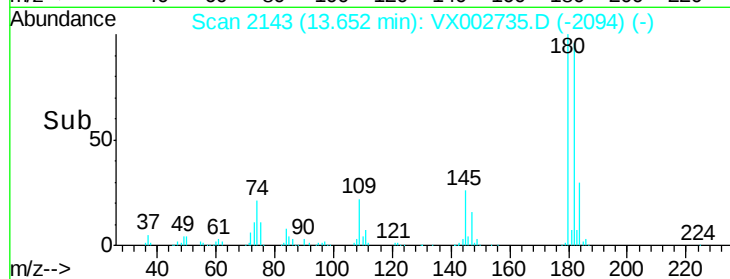
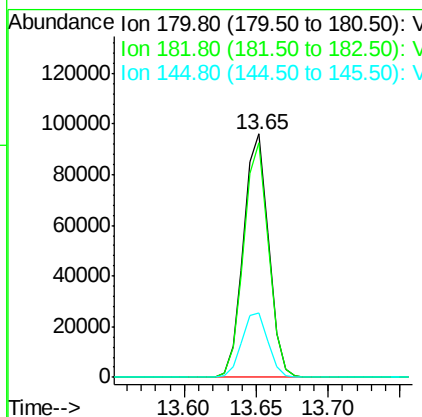
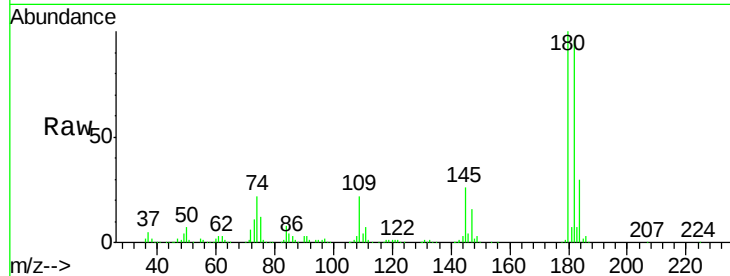
#93
 1,2,4-Trichlorobenzene
 Concen: 19.81 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	115989		
182	95.3	47.7	143.1	
145	27.5	14.1	42.4	

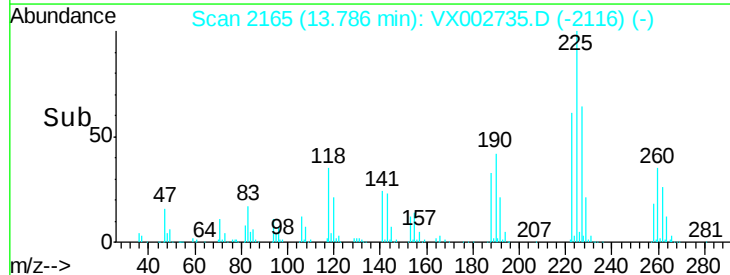
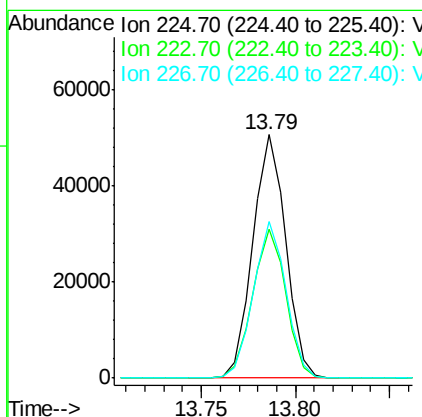
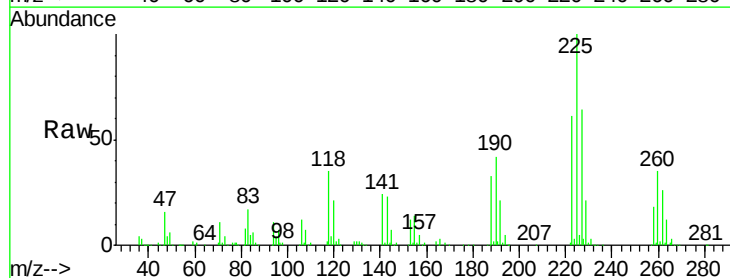
Manual Integrations
 APPROVED

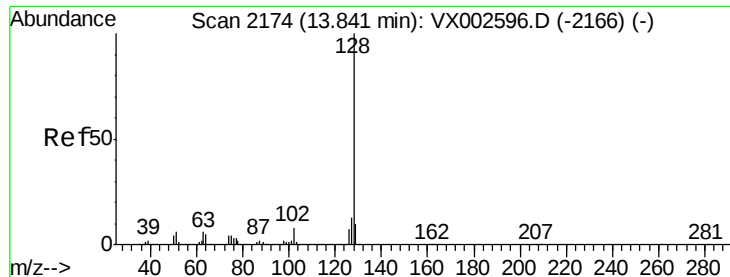
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#94
 Hexachlorobutadiene
 Concen: 19.92 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61430		
223	61.5	31.6	95.0	
227	63.4	32.4	97.2	





#95

Naphthalene

Concen: 19.87 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Instrument :

MSVOA_X

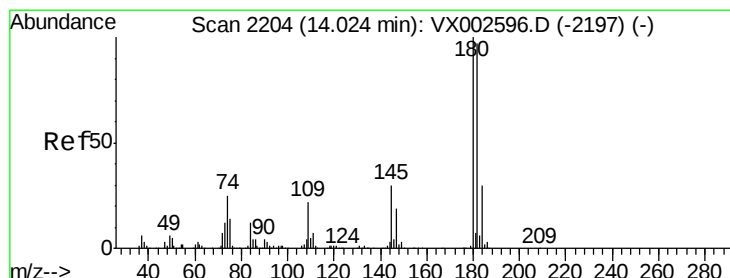
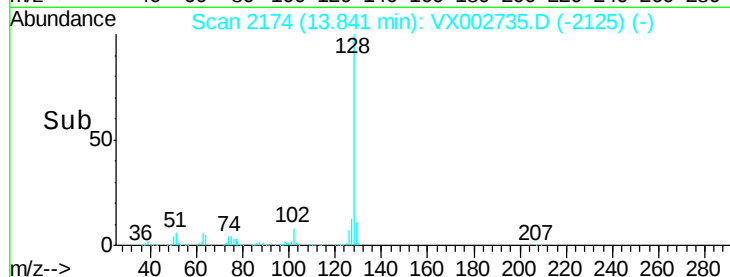
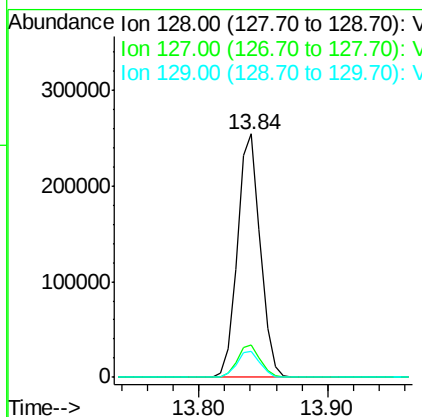
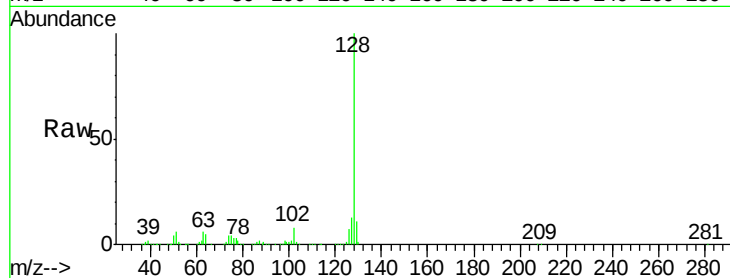
ClientSampleId :

VX0620WBS01

Tot Ion:	128	Resp:	313127
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.80 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 12:22

Tgt Ion:	180	Resp:	116435
Ion Ratio	Lower	Upper	
180	100		
182	96.0	48.0	144.0
145	29.9	14.8	44.3

