

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002742.D
 Acq On : 20 Jun 2018 15:27
 Operator : JC/MD
 Sample : VX0620WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Manual Integrations
 APPROVED

apatel
 6/22/2018 8:08:33 AM

Quant Time: Jun 21 04:42:16 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	258124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358132	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211712	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	177725	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	
35) Dibromofluoromethane	5.51	113	142517	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	8.72	98	515288	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
62) 4-Bromofluorobenzene	11.14	95	194176	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56938	20.78	ug/l	99
3) Chloromethane	1.32	50	56862	17.44	ug/l	99
4) Vinyl Chloride	1.40	62	64455	19.06	ug/l	90
5) Bromomethane	1.64	94	27754	13.60	ug/l	99
6) Chloroethane	1.72	64	46007	20.64	ug/l	97
7) Trichlorofluoromethane	1.93	101	113610	20.67	ug/l	98
8) Diethyl Ether	2.19	74	38875	18.60	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63283	20.60	ug/l	99
10) Methyl Iodide	2.51	142	43818	14.66	ug/l	99
11) Tert butyl alcohol	3.08	59	68871	84.93	ug/l	98
12) 1,1-Dichloroethene	2.37	96	55755	19.33	ug/l	99
13) Acrolein	2.30	56	44668	121.14	ug/l	99
14) Allyl chloride	2.73	41	109667	19.15	ug/l	98
15) Acrylonitrile	3.15	53	170531	96.37	ug/l	99
16) Acetone	2.45	43	184165	106.42	ug/l	99
17) Carbon Disulfide	2.57	76	148163	21.66	ug/l	99
18) Methyl Acetate	2.78	43	92547	20.07	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	205127	18.96	ug/l	98
20) Methylene Chloride	2.86	84	63047	17.77	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	59904	19.15	ug/l	94
22) Diisopropyl ether	3.88	45	202047	19.50	ug/l	99
23) Vinyl Acetate	3.83	43	863565	99.59	ug/l	99
24) 1,1-Dichloroethane	3.70	63	116517	20.72	ug/l	100
25) 2-Butanone	4.71	43	238426	104.91	ug/l	99
26) 2,2-Dichloropropane	4.59	77	85889	21.26	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	64509	20.26	ug/l	97
28) Bromochloromethane	5.03	49	53582	20.35	ug/l	97
29) Tetrahydrofuran	5.17	42	146620	98.44	ug/l	96
30) Chloroform	5.22	83	115145	21.23	ug/l	99
31) Cyclohexane	5.58	56	93533	20.20	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	98446	21.71	ug/l	100
36) 1,1-Dichloropropene	5.81	75	81116	21.33	ug/l	98
37) Ethyl Acetate	4.87	43	90258	20.97	ug/l	99
38) Carbon Tetrachloride	5.79	117	87933	23.22	ug/l	94

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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)
39) Methylcyclohexane	7.46	83	95401	21.46	ug/l	97
40) Benzene	6.15	78	243859	21.38	ug/l	99
41) Methacrylonitrile	5.07	41	51813	21.32	ug/l	97
42) 1,2-Dichloroethane	6.20	62	95849	21.71	ug/l	99
43) Isopropyl Acetate	6.47	43	147598	20.69	ug/l	100
44) Trichloroethene	7.22	130	69858	21.22	ug/l	99
45) 1,2-Dichloropropane	7.52	63	64010	21.33	ug/l	99
46) Dibromomethane	7.67	93	43957	21.89	ug/l	99
47) Bromodichloromethane	7.90	83	80207	22.65	ug/l	100
48) Methyl methacrylate	7.79	41	75105	20.60	ug/l	97
49) 1,4-Dioxane	7.76	88	26271	380.59	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	481094	105.05	ug/l	99
52) Toluene	8.79	92	158430	21.78	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	90301	20.73	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	83980	20.79	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	63165	21.49	ug/l	98
56) Ethyl methacrylate	9.18	69	93530	20.67	ug/l	98
57) 1,3-Dichloropropane	9.38	76	106411	21.40	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	217097	99.22	ug/l	99
59) 2-Hexanone	9.50	43	367434	106.47	ug/l	98
60) Dibromochloromethane	9.59	129	63969	21.65	ug/l	100
61) 1,2-Dibromoethane	9.68	107	67426	22.15	ug/l	99
64) Tetrachloroethene	9.34	164	74111	19.65	ug/l	98
65) Chlorobenzene	10.14	112	179697	21.53	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	63891	22.46	ug/l	99
67) Ethyl Benzene	10.26	91	303179	21.54	ug/l	98
68) m/p-Xylenes	10.36	106	235781	43.43	ug/l	99
69) o-Xylene	10.70	106	113569	21.29	ug/l	99
70) Styrene	10.71	104	187926	21.42	ug/l	100
71) Bromoform	10.86	173	48501	21.75	ug/l #	98
73) Isopropylbenzene	11.02	105	306758	21.66	ug/l	99
74) N-amyl acetate	6.47	43	147598	20.98	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	97128	23.23	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	91821m	22.98	ug/l	
77) Bromobenzene	11.26	156	87159	22.10	ug/l	95
78) n-propylbenzene	11.37	91	352196	21.69	ug/l	100
79) 2-Chlorotoluene	11.43	91	208358	21.49	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	260029	21.73	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	20332	19.11	ug/l	91
82) 4-Chlorotoluene	11.51	91	248538	21.72	ug/l	100
83) tert-Butylbenzene	11.77	119	255411	22.16	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	267736	21.93	ug/l	98
85) sec-Butylbenzene	11.95	105	308920	21.55	ug/l	99
86) p-Isopropyltoluene	12.07	119	280994	21.67	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	155521	21.50	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	158094	21.48	ug/l	100
89) n-Butylbenzene	12.39	91	238610	20.86	ug/l	99
90) Hexachloroethane	12.60	117	38360	20.60	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	158383	21.75	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20069	22.91	ug/l	98

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Instrument :
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ClientSampleId :
VX0620WBSD01

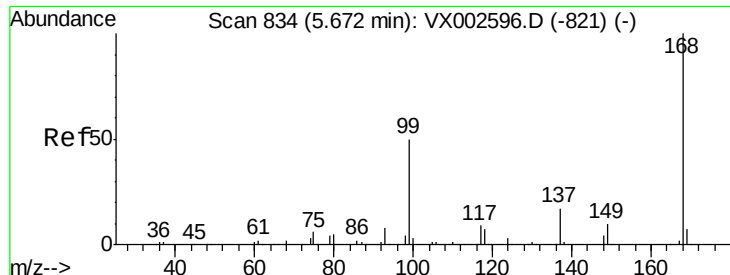
Manual Integrations
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6/22/2018 8:08:33 AM

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Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.65	180	112983	21.38	ug/l	99
94) Hexachlorobutadiene	13.79	225	59121	21.24	ug/l	99
95) Naphthalene	13.84	128	319516	22.47	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	115512	21.76	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion:168 Resp: 258124

Ion Ratio Lower Upper

168 100

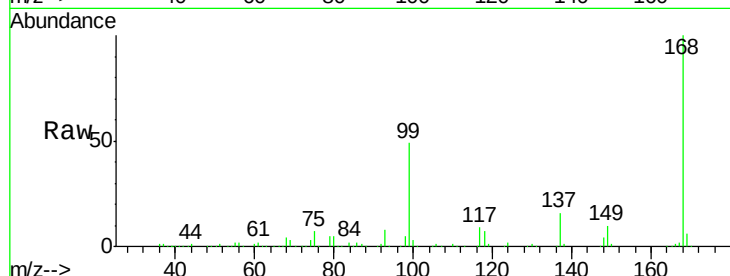
99 49.0 39.3 58.9

Manual Integrations

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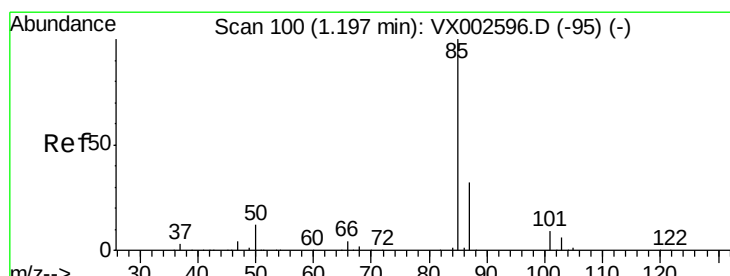
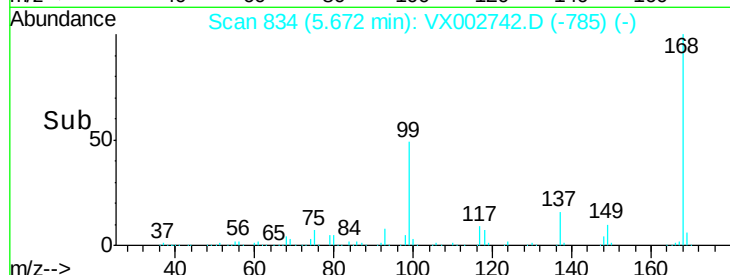
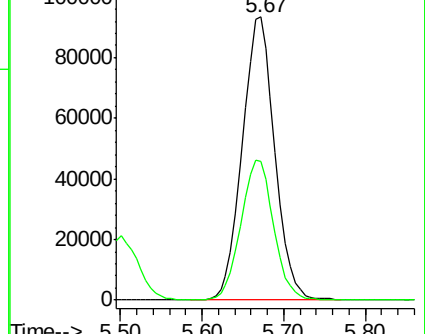
apatel

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.78 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002742.D

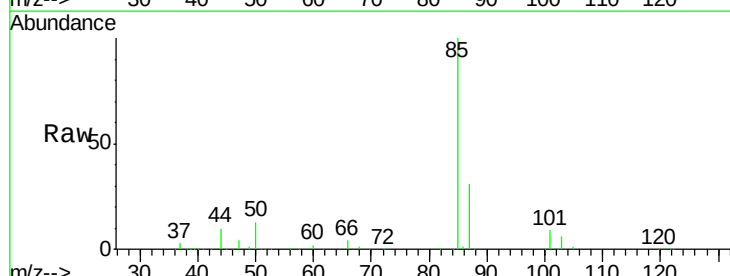
Acq: 20 Jun 2018 15:27

Tgt Ion: 85 Resp: 56938

Ion Ratio Lower Upper

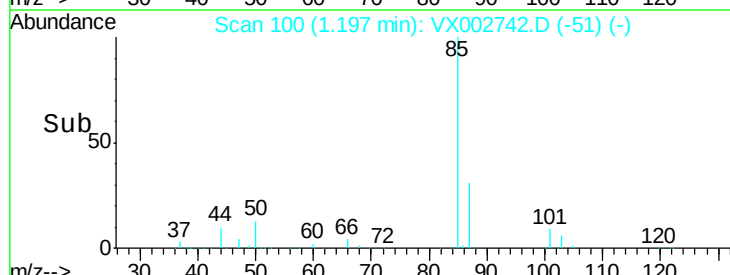
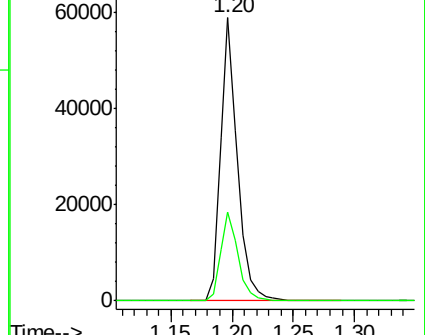
85 100

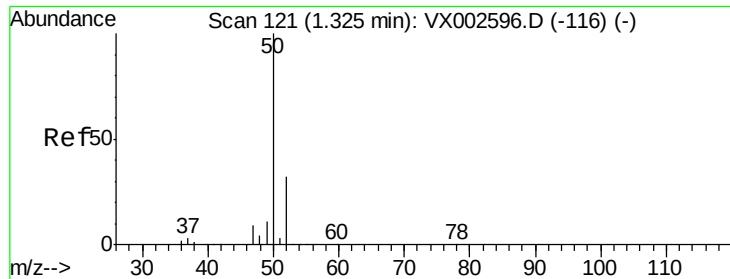
87 31.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.44 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion: 50 Resp: 56862

Ion Ratio Lower Upper

50 100

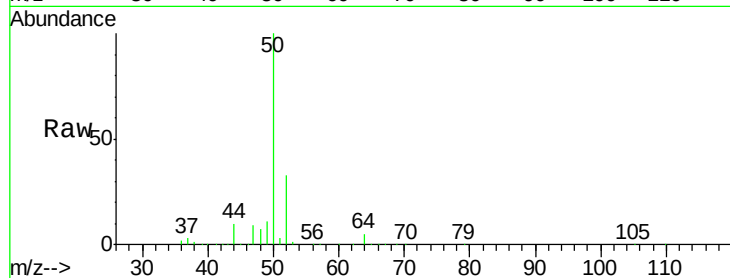
52 32.9 25.7 38.5

Manual Integrations

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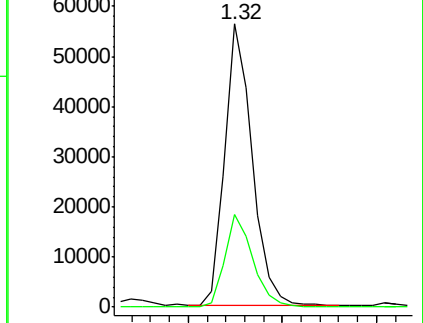
apatel

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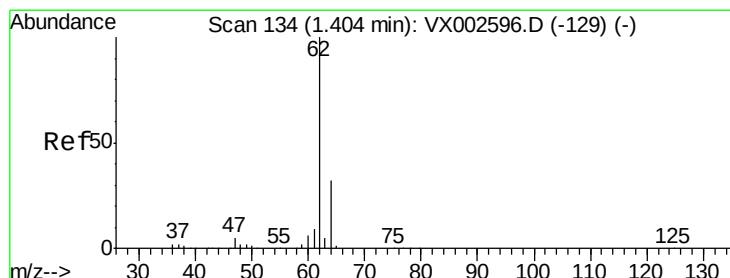
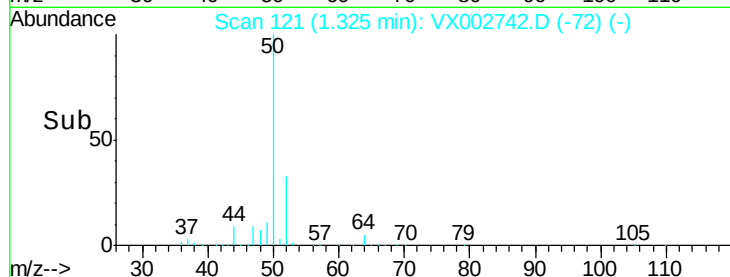


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 19.06 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002742.D

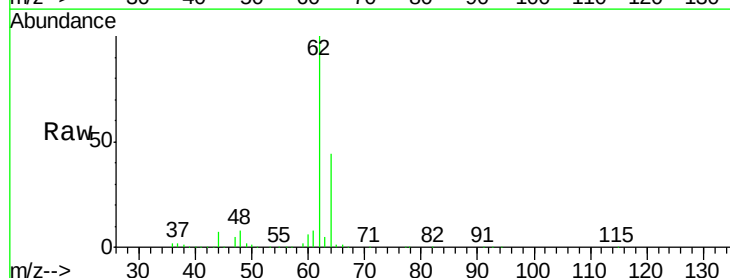
Acq: 20 Jun 2018 15:27

Tgt Ion: 62 Resp: 64455

Ion Ratio Lower Upper

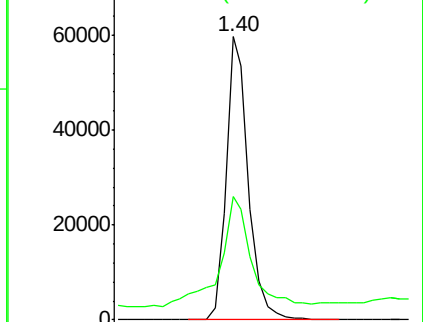
62 100

64 37.5 25.4 38.2

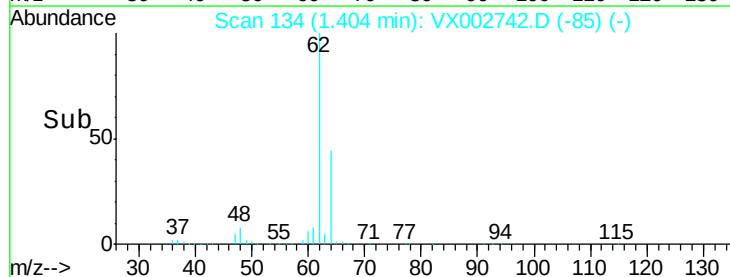


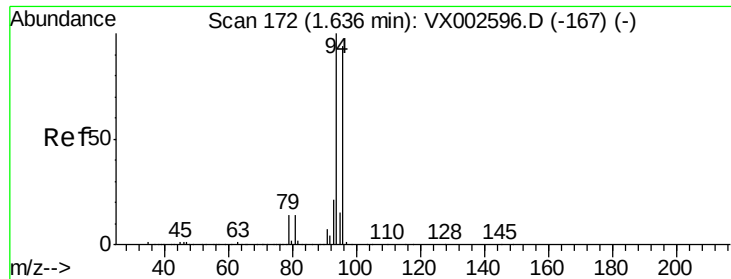
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 13.60 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion: 94 Resp: 27754

Ion Ratio Lower Upper

94 100

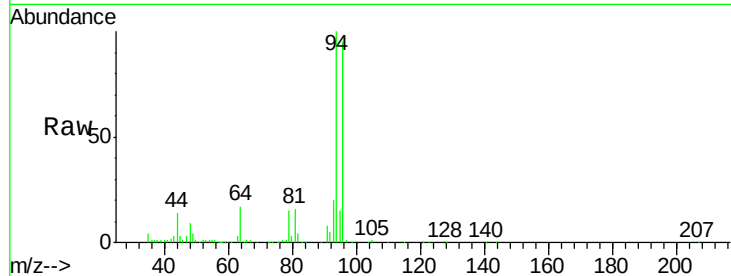
96 94.5 74.9 112.3

Manual Integrations

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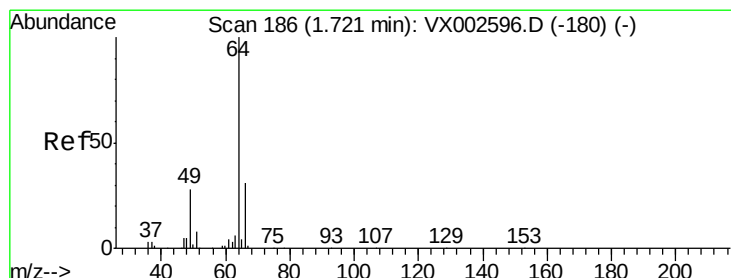
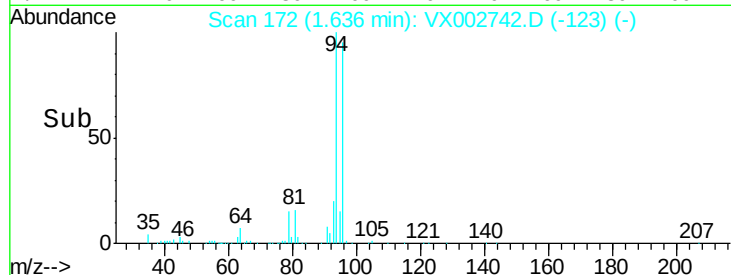
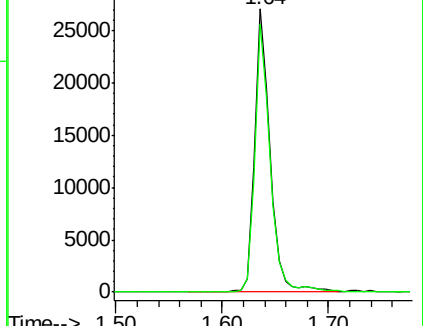
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.64 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002742.D

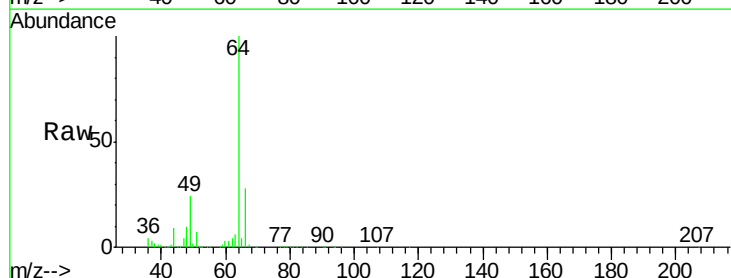
Acq: 20 Jun 2018 15:27

Tgt Ion: 64 Resp: 46007

Ion Ratio Lower Upper

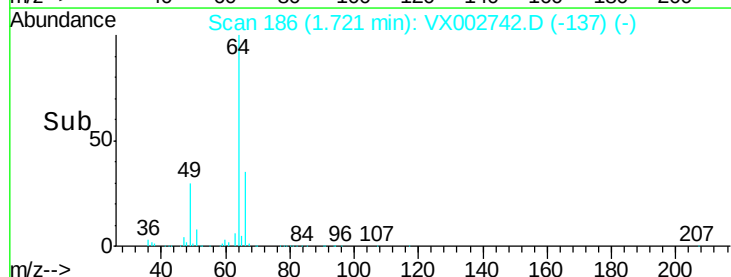
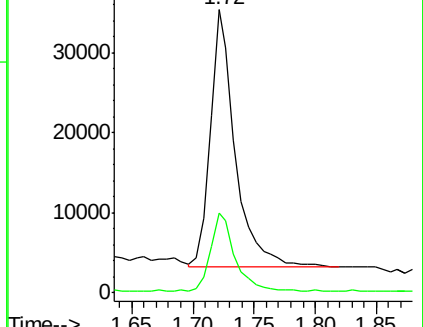
64 100

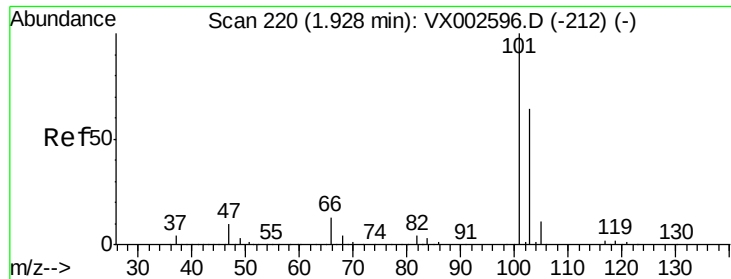
66 30.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

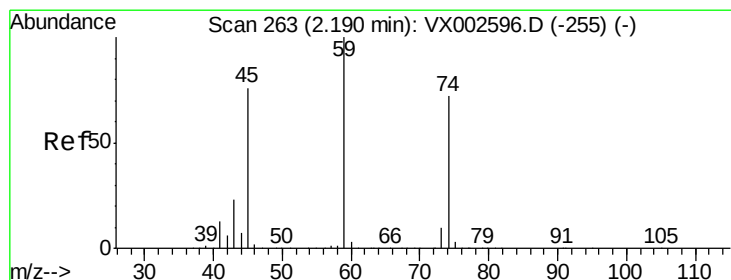
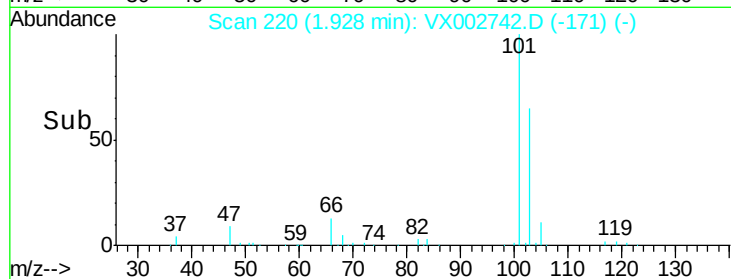
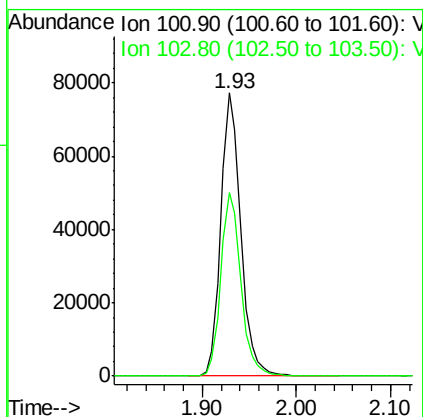
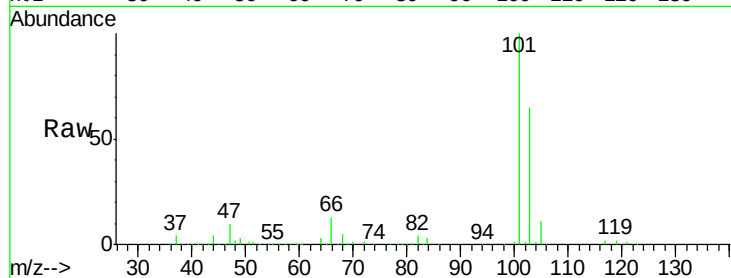
Trichlorofluoromethane
 Concen: 20.67 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.8	79.2

Manual Integrations
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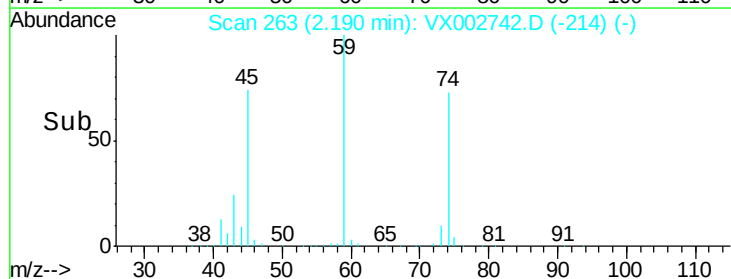
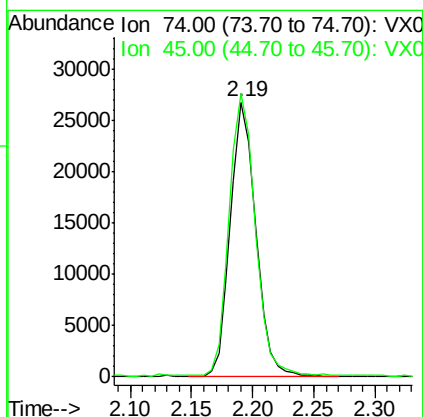
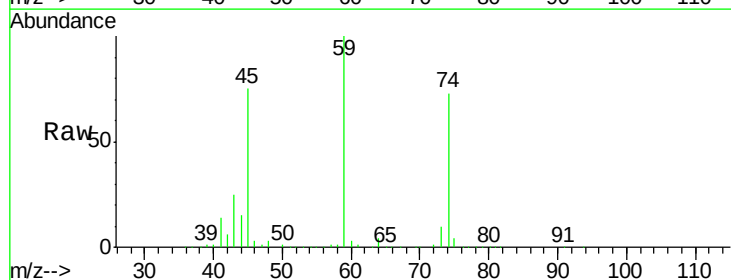
apatel
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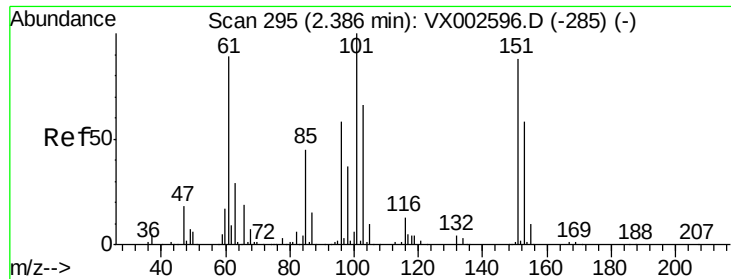


#8

Diethyl Ether
 Concen: 18.60 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.7	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.60 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

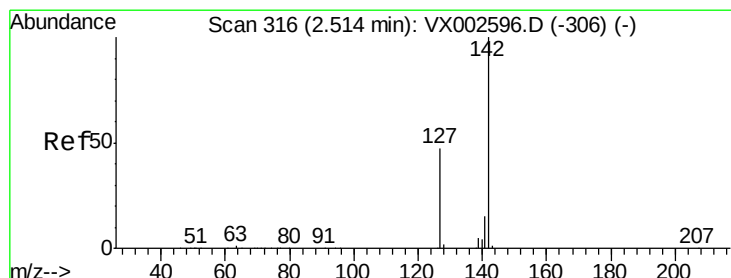
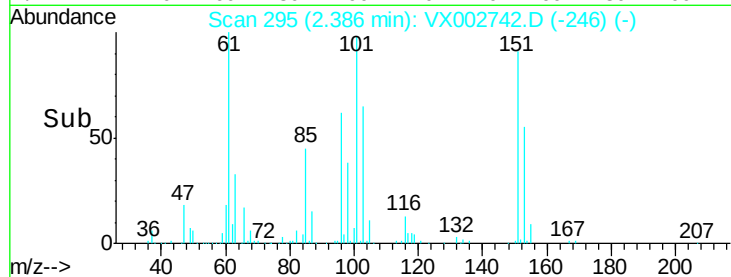
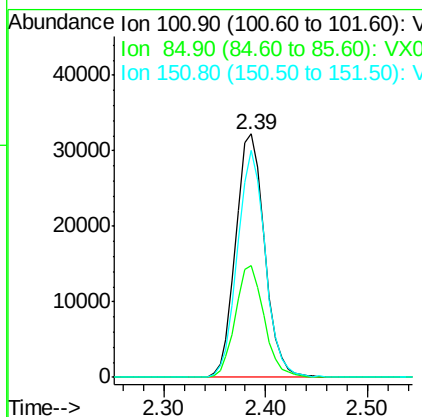
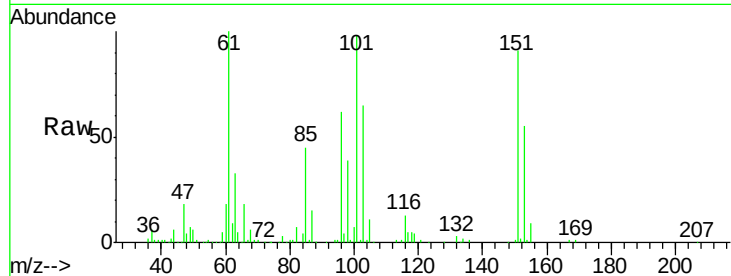
ClientSampleId :

VX0620WBSD01

Tot Ion:	101	Resp:	63283
Ion Ratio	Lower	Upper	
101	100		
85	45.7	36.0	54.0
151	89.8	70.9	106.3

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#10

Methyl Iodide

Concen: 14.66 ug/l

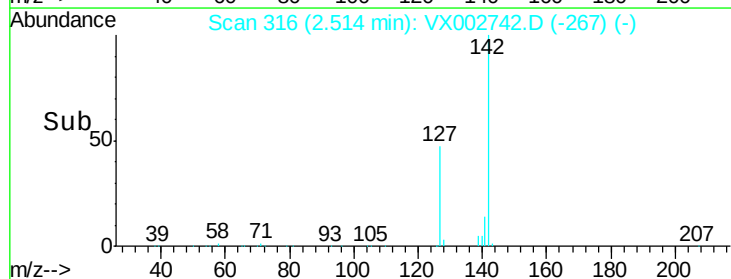
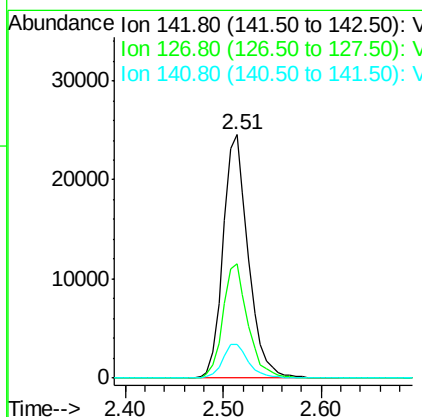
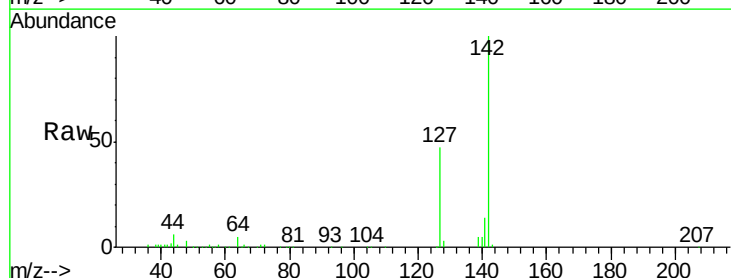
RT: 2.51 min Scan# 316

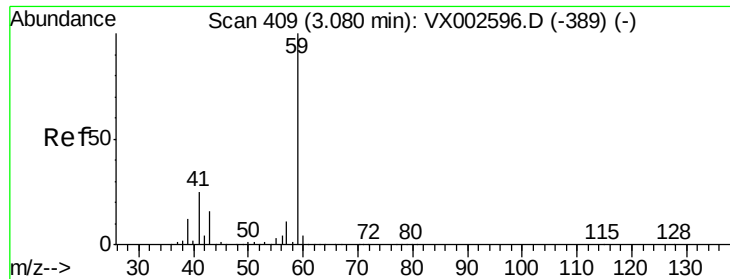
Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Tgt Ion:	142	Resp:	43818
Ion Ratio	Lower	Upper	
142	100		
127	46.3	36.6	55.0
141	14.3	11.3	16.9





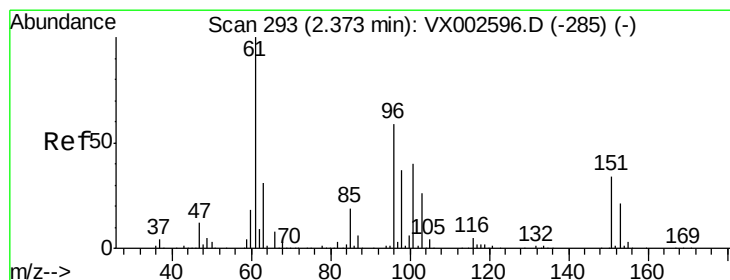
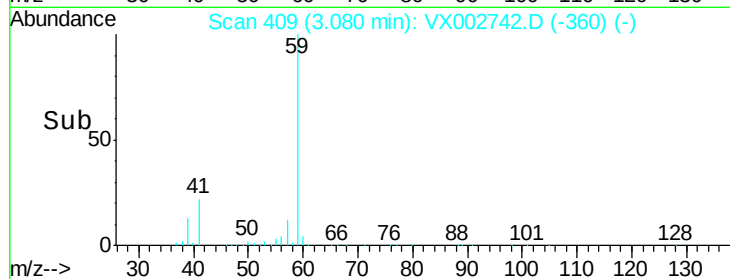
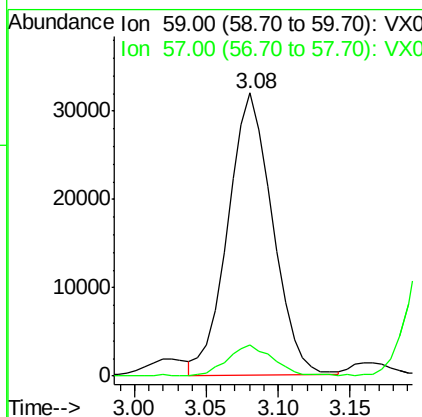
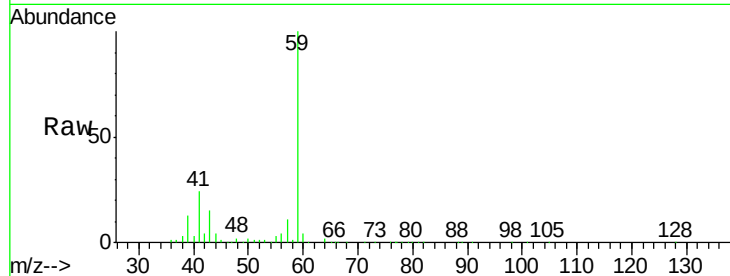
#11
Tert butyl alcohol
Concen: 84.93 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampled :
VX0620WBSD01

Tot Ion	59.00	Resp	68871
Ion Ratio	100	Lower	Upper
57	10.8	8.2	12.2

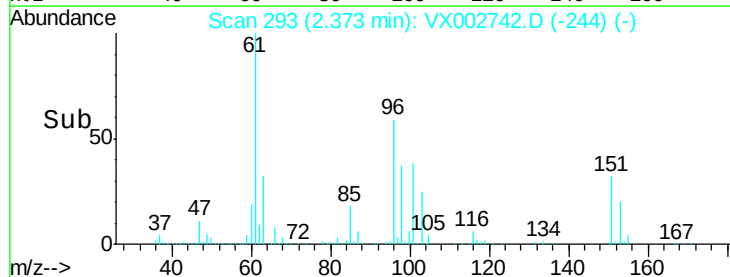
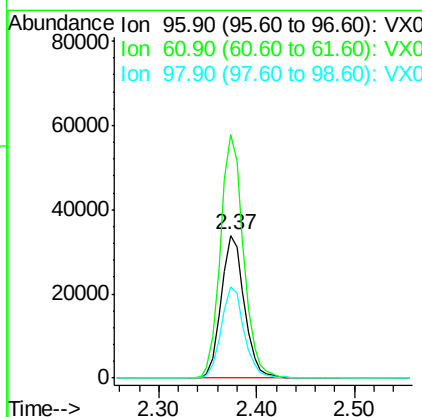
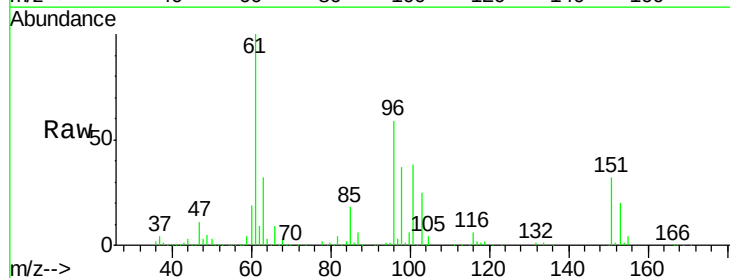
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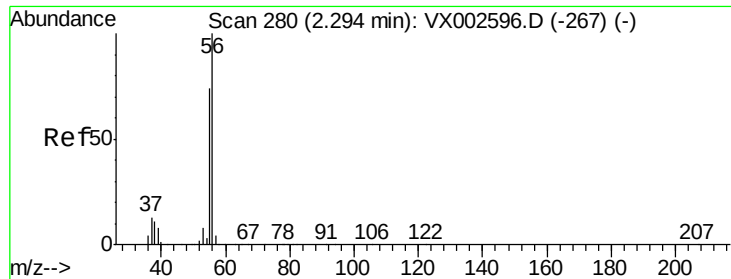
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#12
1,1-Dichloroethene
Concen: 19.33 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion	96	Resp	55755
Ion Ratio	100	Lower	Upper
61	170.7	137.9	206.9
98	64.0	51.6	77.4





#13

Acrolein

Concen: 121.14 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion: 56 Resp: 44668

Ion Ratio Lower Upper

56 100

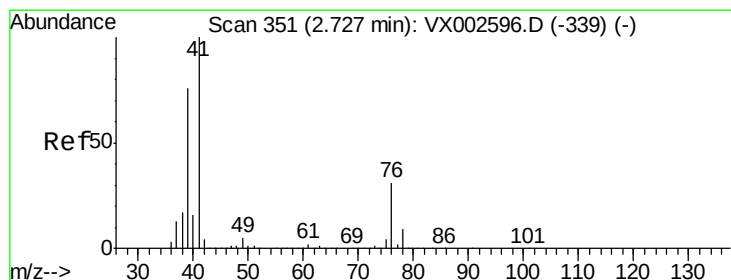
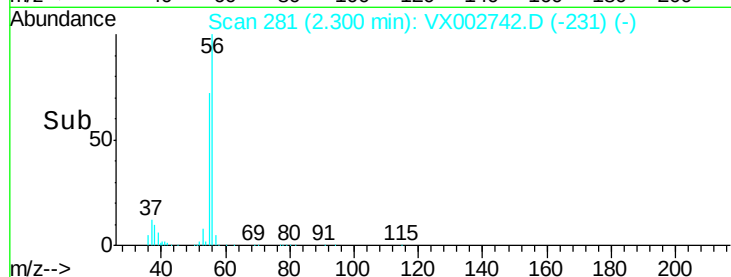
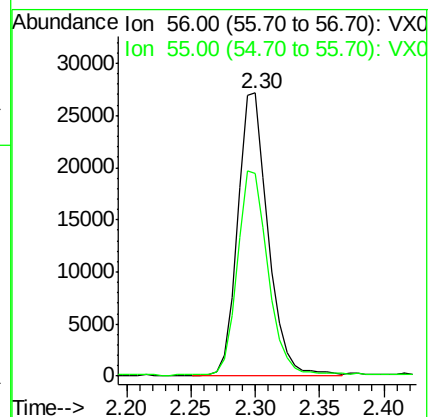
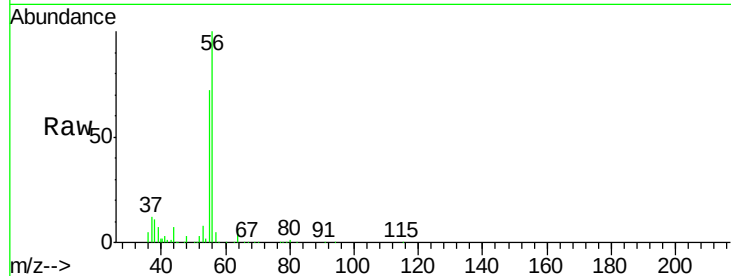
55 72.0 57.0 85.4

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#14

Allyl chloride

Concen: 19.15 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

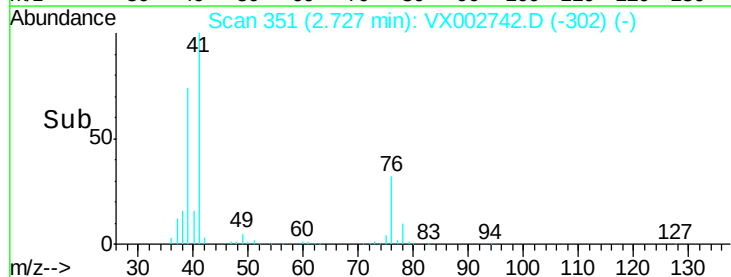
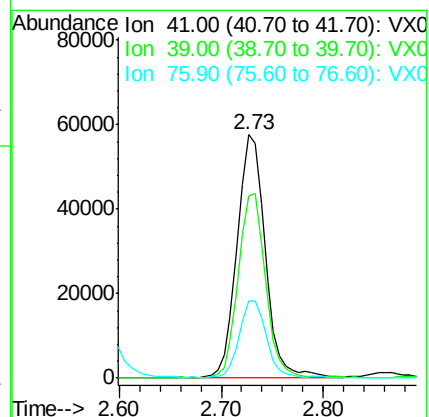
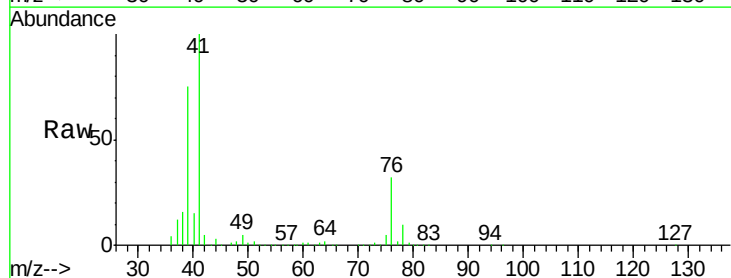
Tgt Ion: 41 Resp: 109667

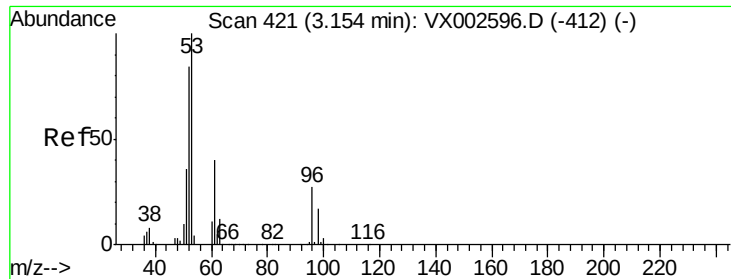
Ion Ratio Lower Upper

41 100

39 73.2 56.8 85.2

76 30.3 23.8 35.8





#15

Acrylonitrile

Concen: 96.37 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

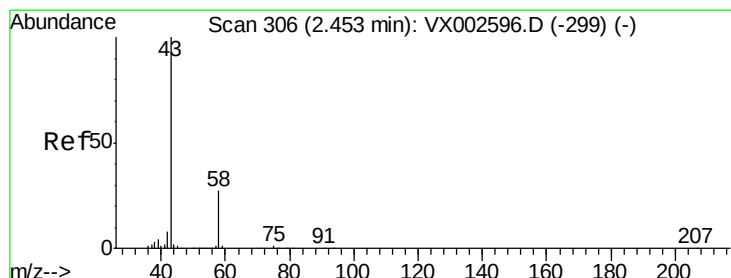
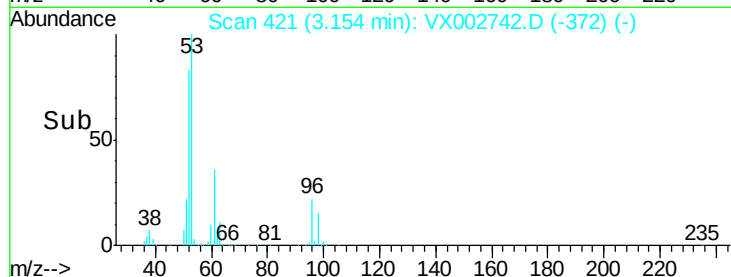
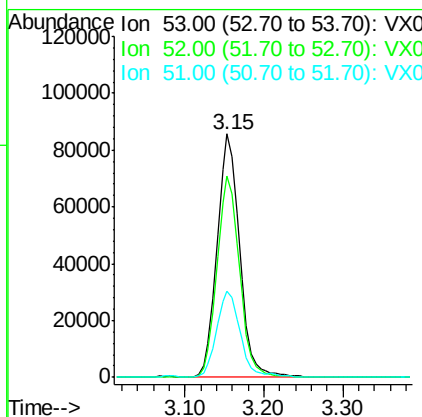
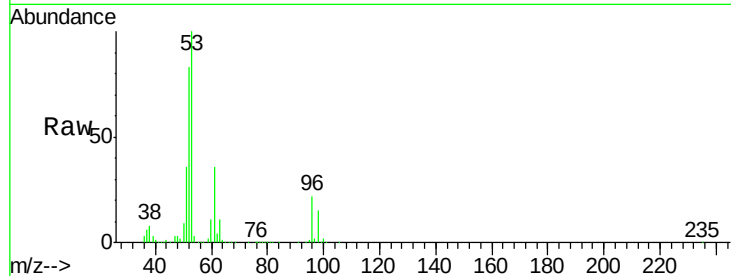
ClientSampleId :

VX0620WBSD01

Tot Ion:	53	Resp:	170531
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.7	100.1
51	37.5	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 106.42 ug/l

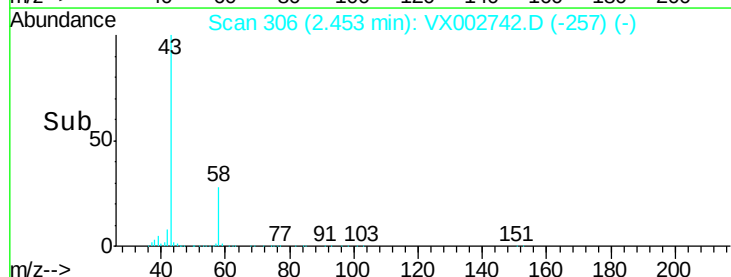
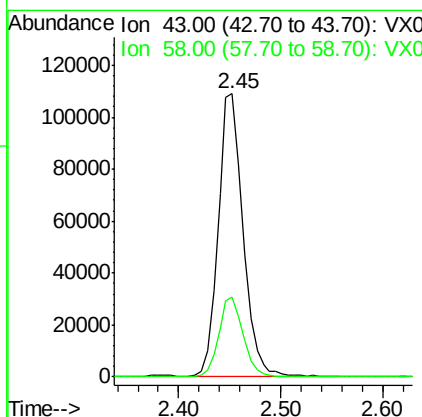
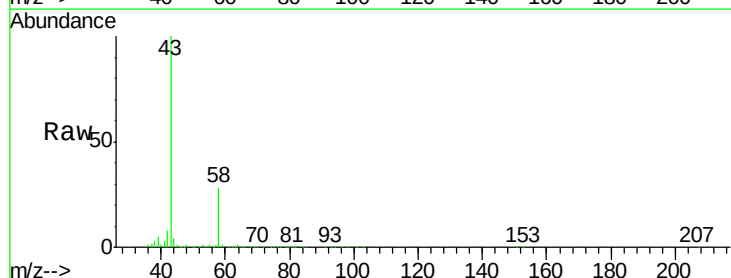
RT: 2.45 min Scan# 306

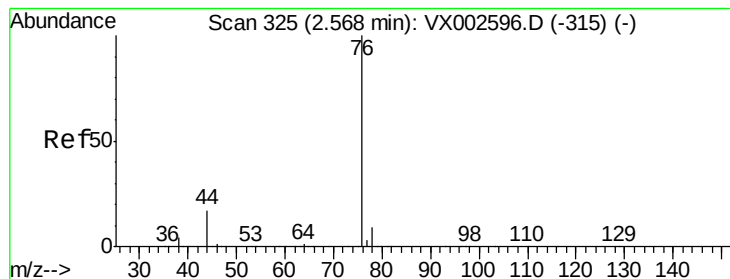
Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Tgt Ion:	43	Resp:	184165
Ion	Ratio	Lower	Upper
43	100		
58	28.3	22.1	33.1





#17

Carbon Disulfide

Concen: 21.66 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion: 76 Resp: 148163

Ion Ratio Lower Upper

76 100

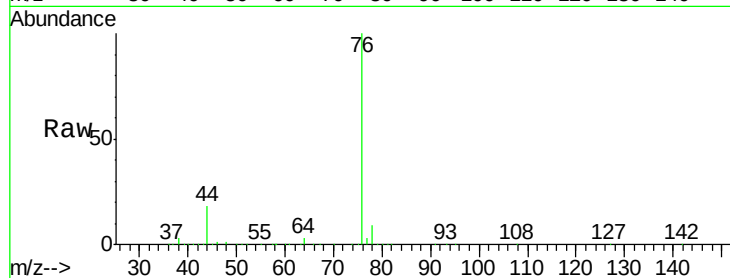
78 9.0 6.9 10.3

Manual Integrations

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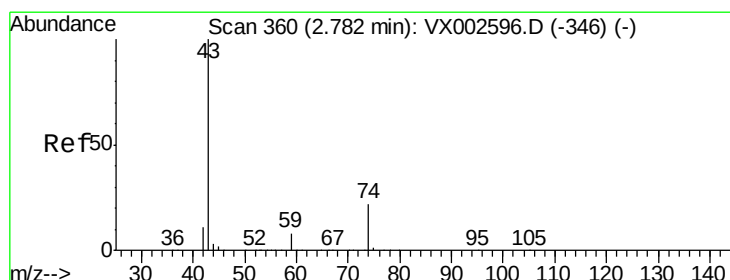
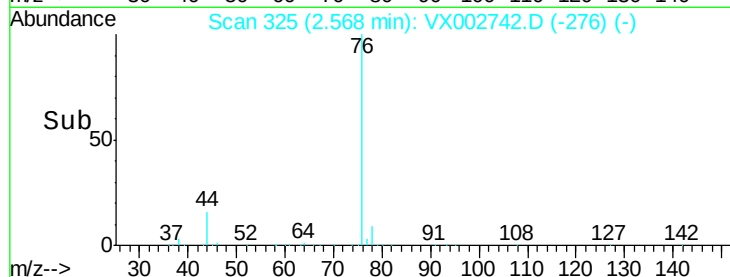
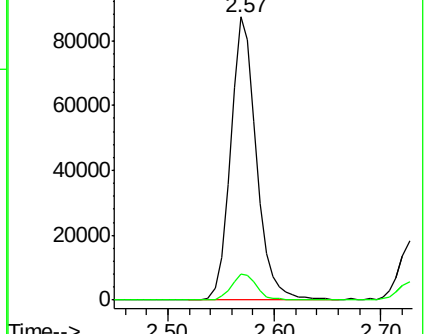
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.07 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002742.D

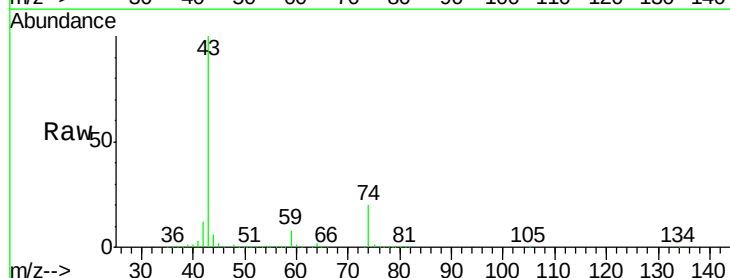
Acq: 20 Jun 2018 15:27

Tgt Ion: 43 Resp: 92547

Ion Ratio Lower Upper

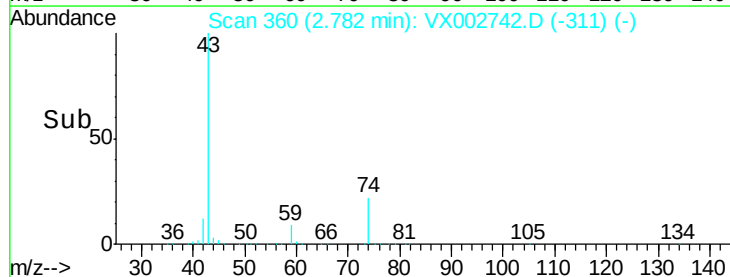
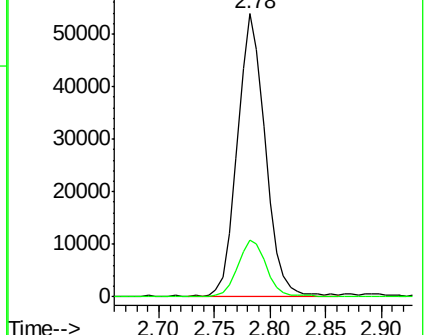
43 100

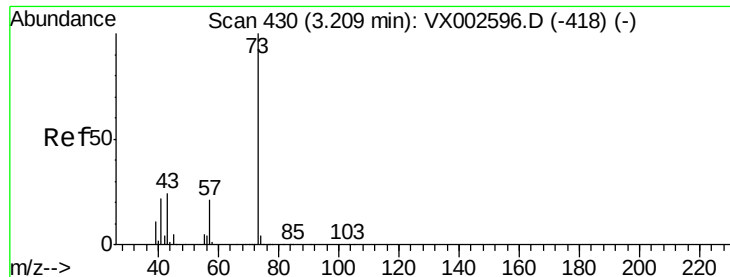
74 20.6 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





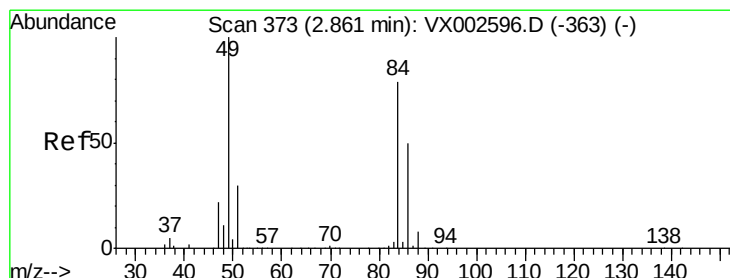
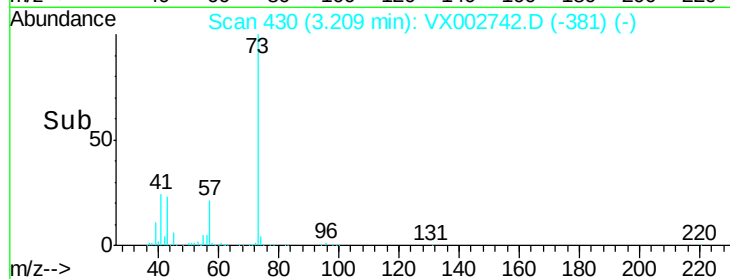
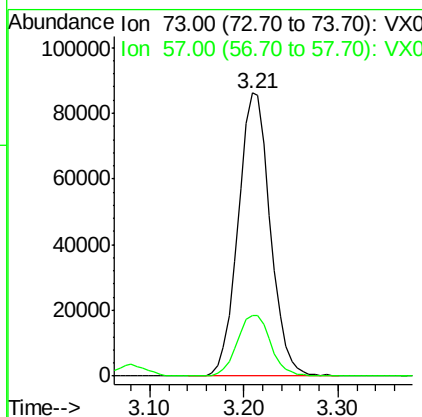
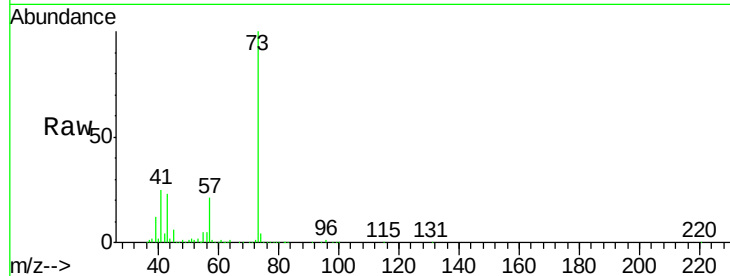
#19
Methyl tert-butyl Ether
Concen: 18.96 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.7	26.5

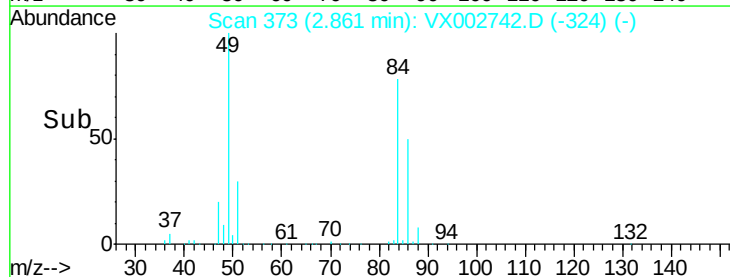
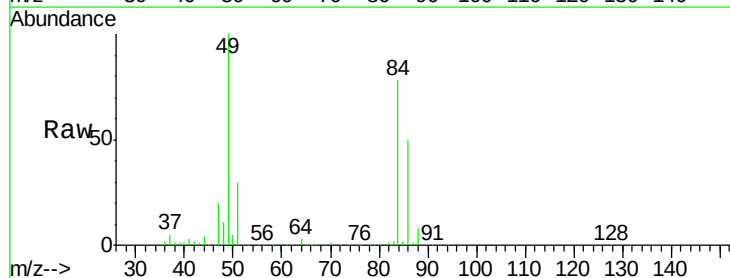
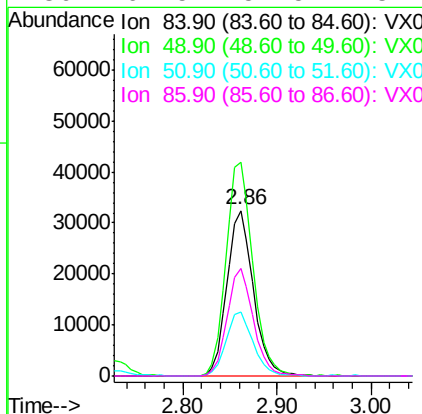
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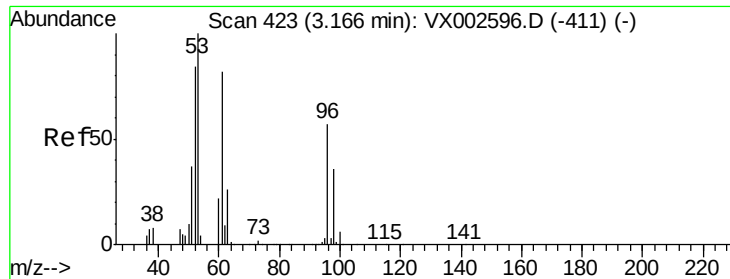
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#20
Methylene Chloride
Concen: 17.77 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.9	107.8	161.6
51	38.5	32.8	49.2
86	64.5	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 19.15 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

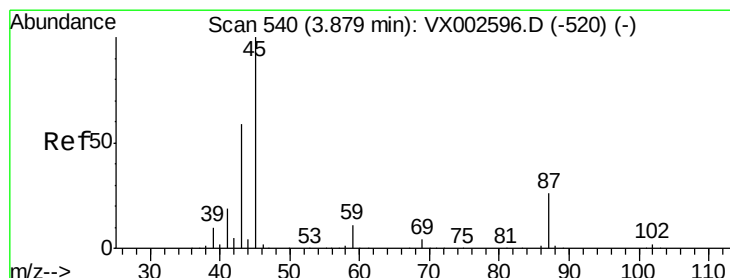
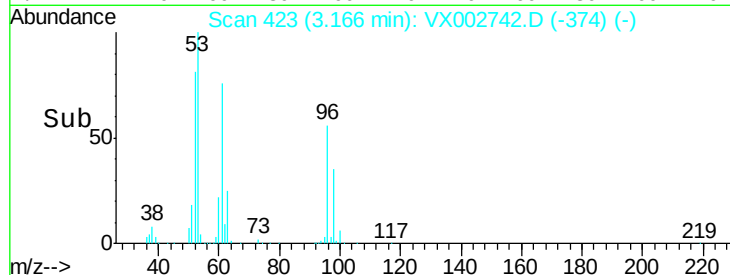
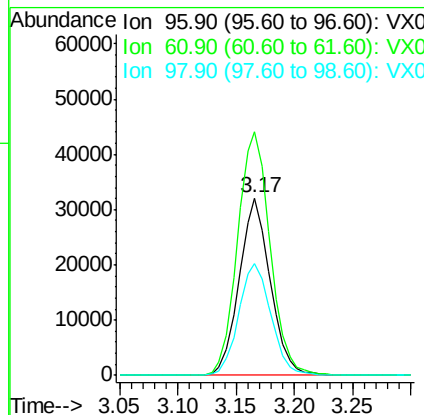
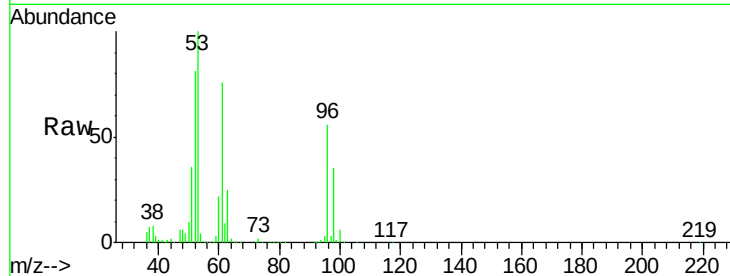
ClientSampleId :

VX0620WBSD01

Tot Ion:	96	Resp:	59904
Ion	Ratio	Lower	Upper
96	100		
61	137.3	117.0	175.4
98	63.4	52.4	78.6

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#22

Diisopropyl ether

Concen: 19.50 ug/l

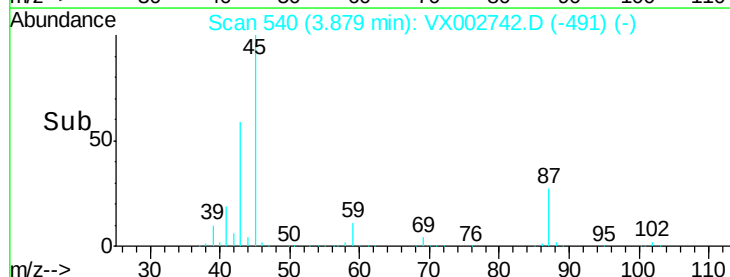
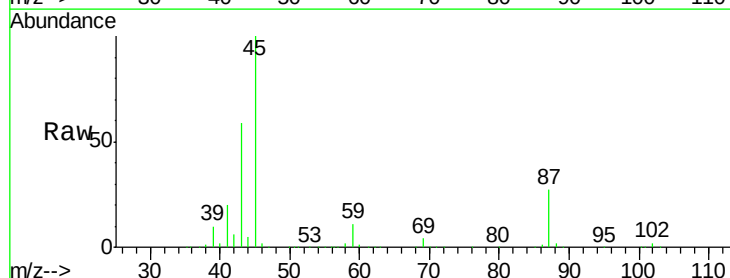
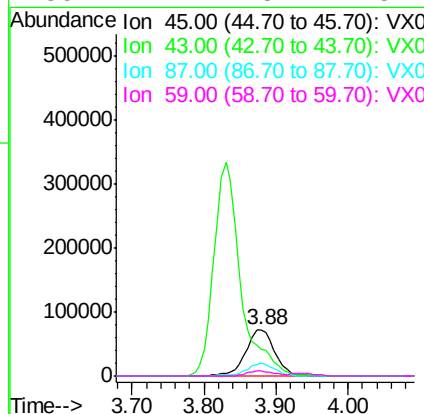
RT: 3.88 min Scan# 540

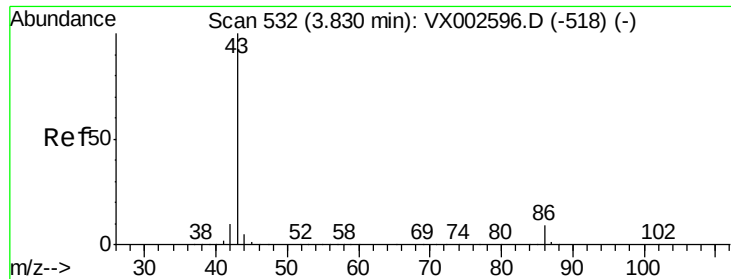
Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Tgt Ion:	45	Resp:	202047
Ion	Ratio	Lower	Upper
45	100		
43	58.7	46.8	70.2
87	26.7	20.2	30.4
59	11.4	8.7	13.1





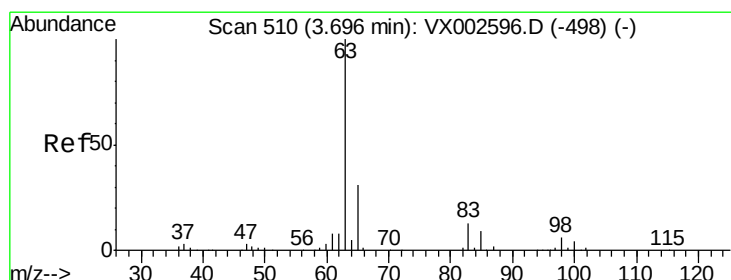
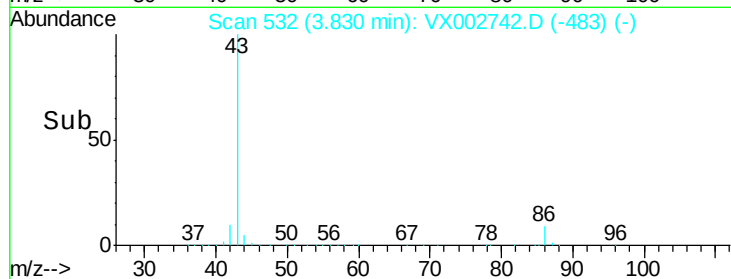
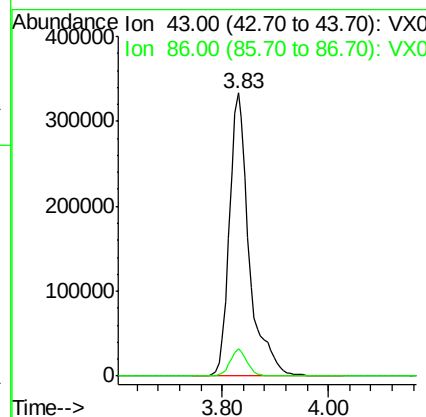
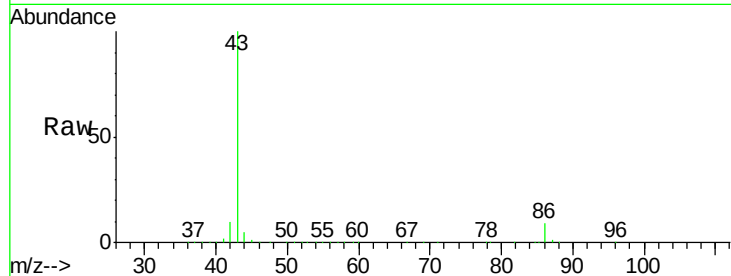
#23
 Vinyl Acetate
 Concen: 99.59 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Tot Ion	43	86	Resp	Lower	Upper
863565	100	9.5		7.4	11.0

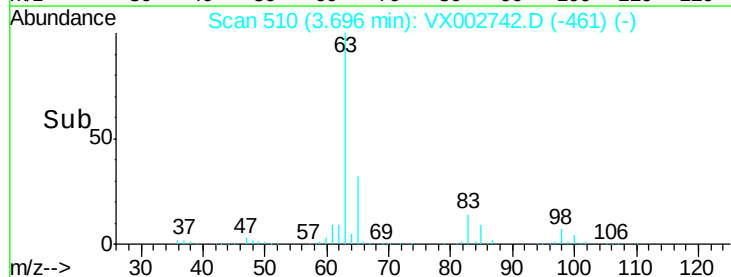
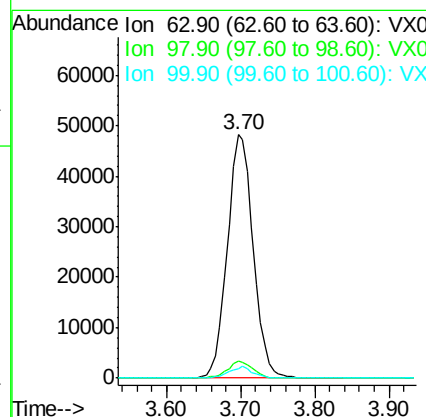
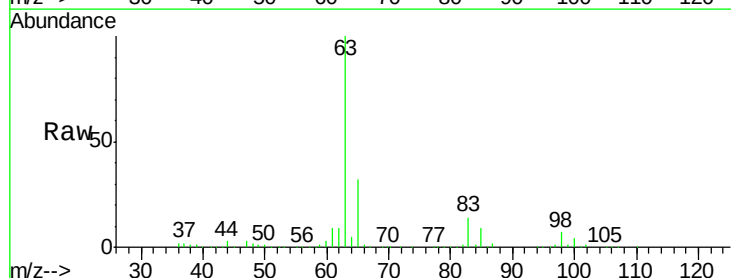
Manual Integrations
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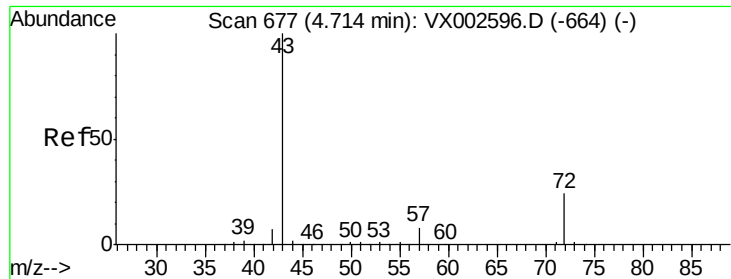
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#24
 1,1-Dichloroethane
 Concen: 20.72 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Tgt Ion	63	98	100	Resp	Lower	Upper
116517	100	6.8	4.0		3.4	10.2
					2.0	6.0





#25

2-Butanone

Concen: 104.91 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion: 43 Resp: 238426

Ion Ratio Lower Upper

43 100

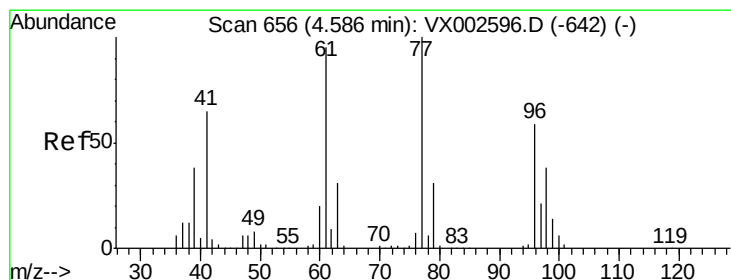
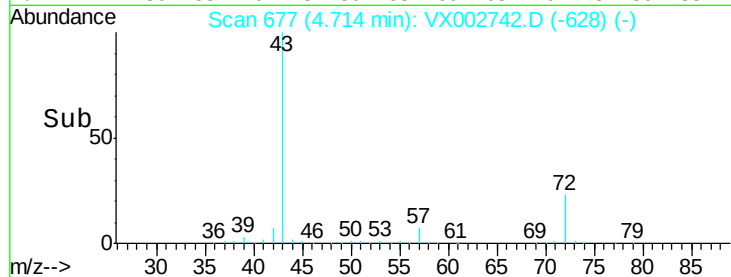
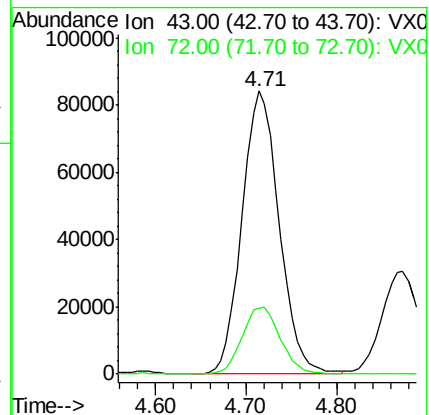
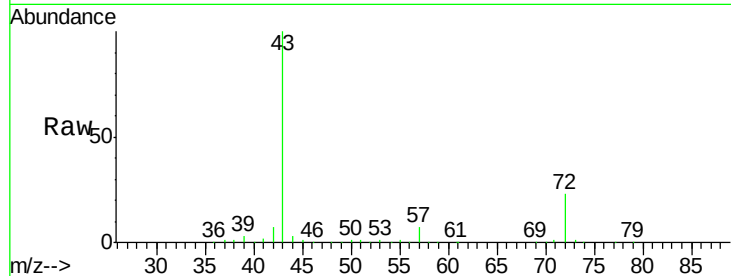
72 23.3 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.26 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002742.D

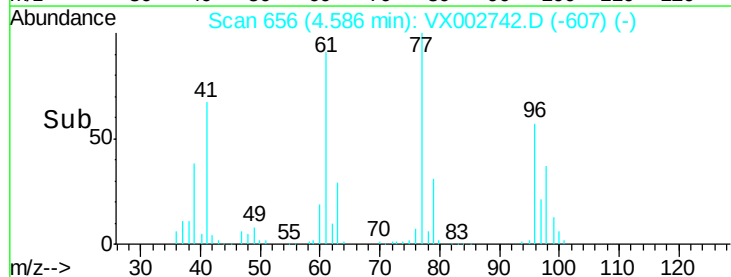
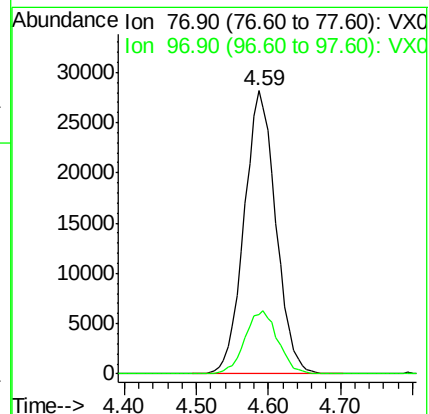
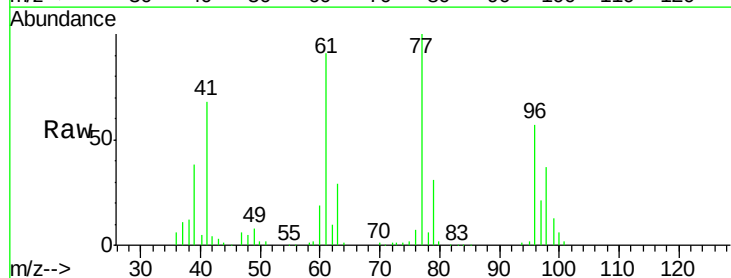
Acq: 20 Jun 2018 15:27

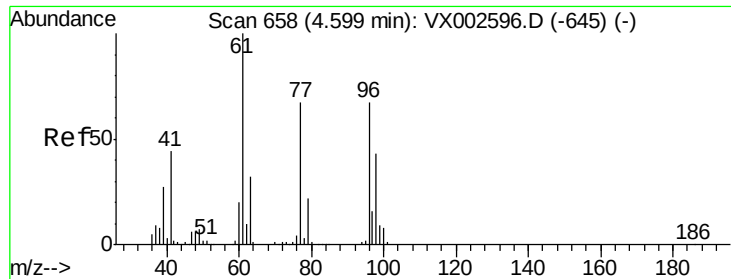
Tgt Ion: 77 Resp: 85889

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.5





#27

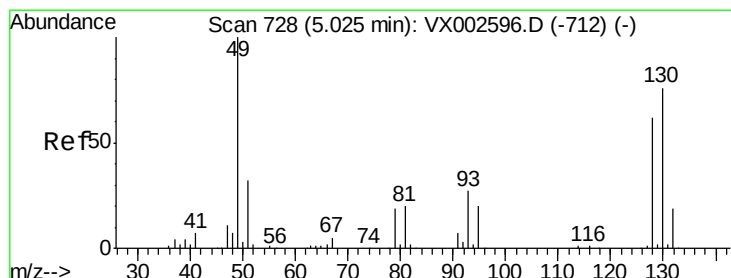
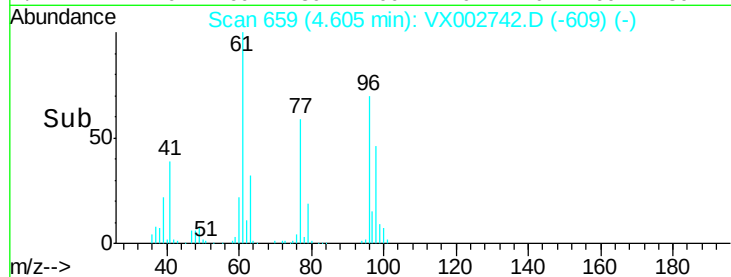
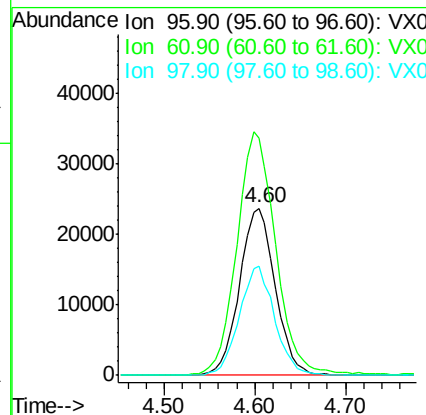
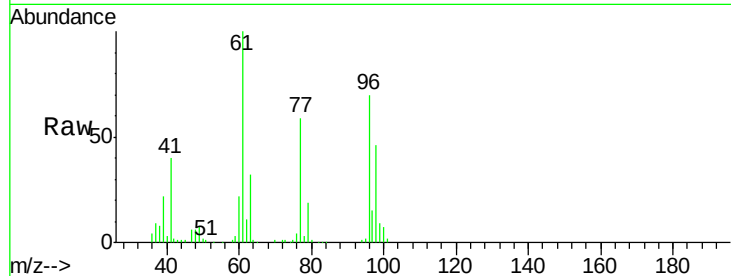
cis-1,2-Dichloroethene
 Concen: 20.26 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	159.5	0.0	330.2
98	64.5	0.0	130.2

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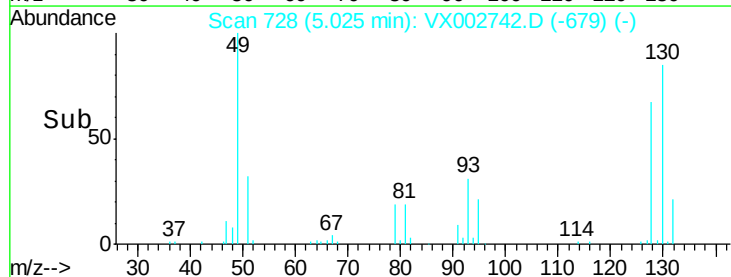
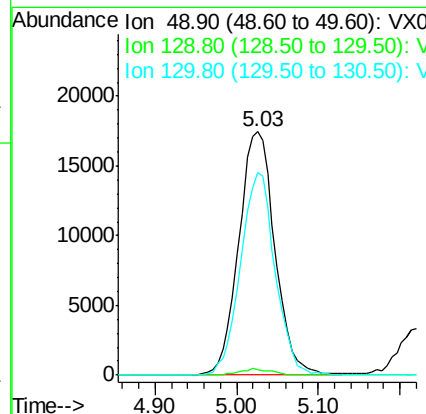
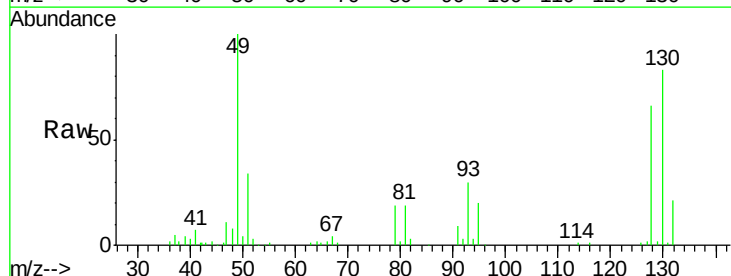
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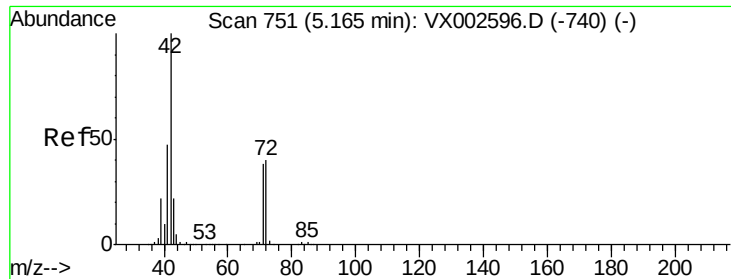


#28

Bromochloromethane
 Concen: 20.35 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	79.4	61.2	91.8





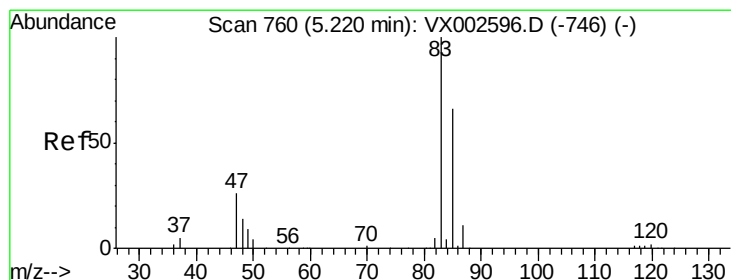
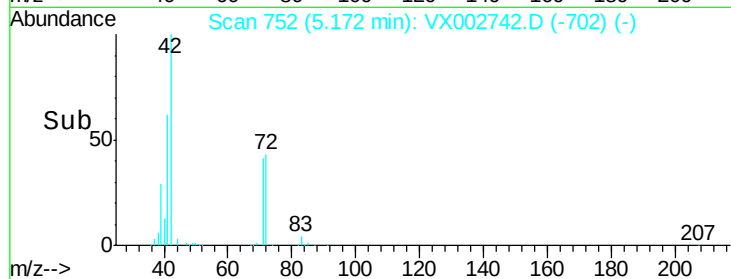
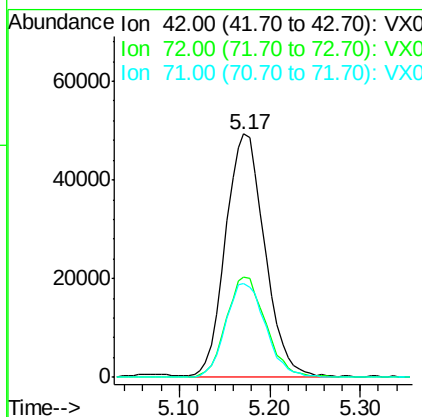
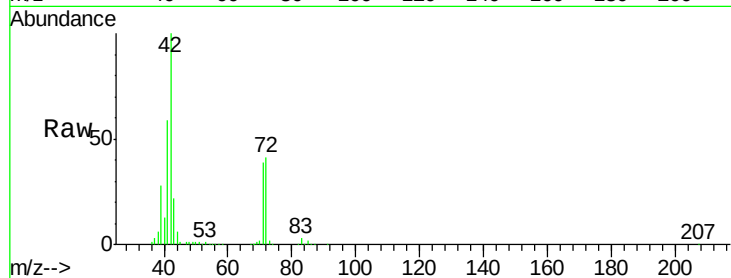
#29
Tetrahydrofuran
Concen: 98.44 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
72	42.2	32.0	48.0		
71	39.7	30.1	45.1		

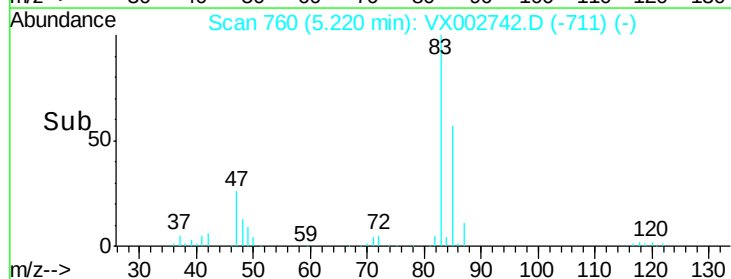
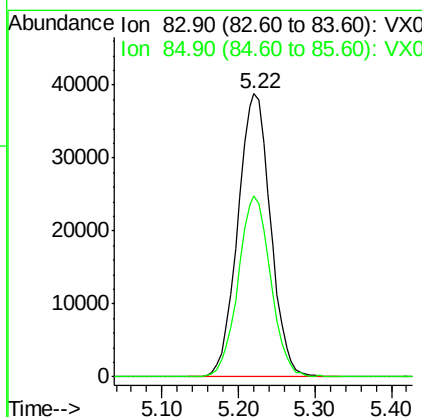
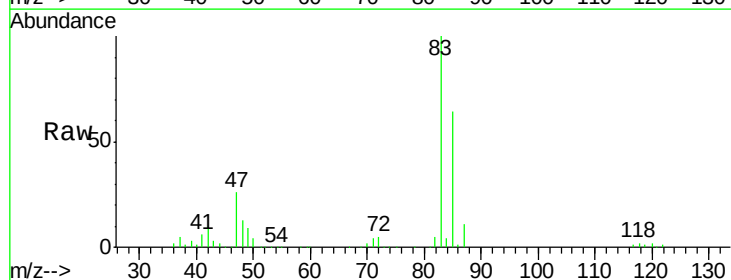
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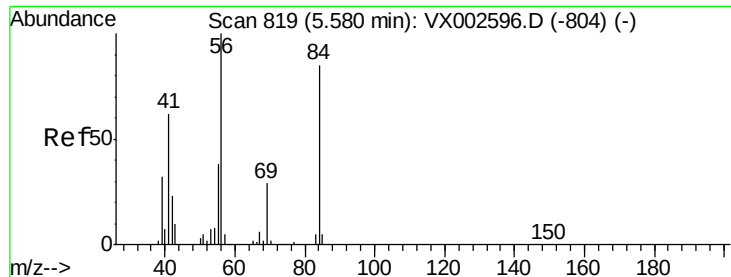
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#30
Chloroform
Concen: 21.23 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
85	63.9	50.4	75.6		





#31

Cyclohexane

Concen: 20.20 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

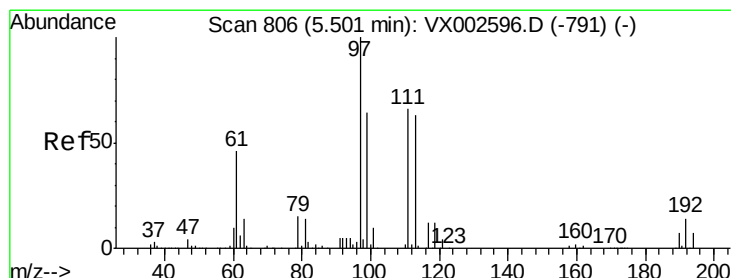
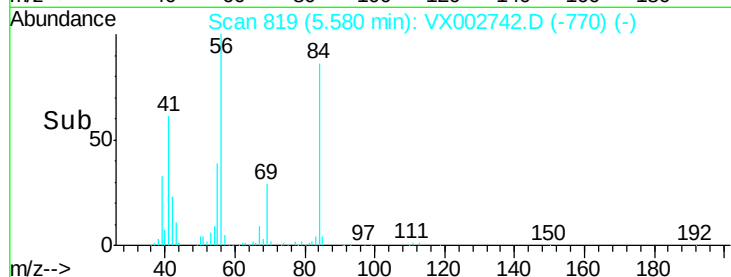
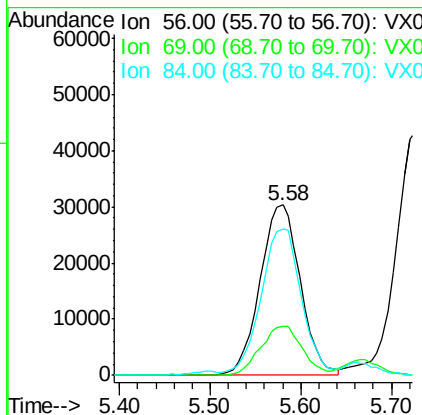
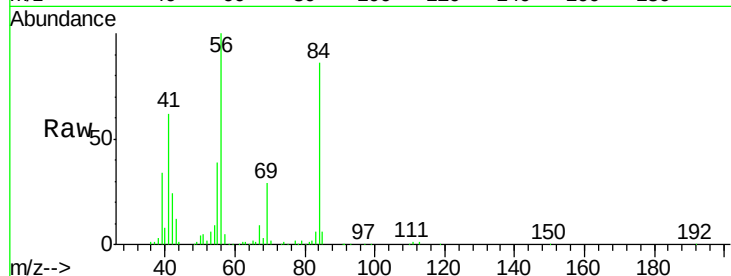
ClientSampleId :

VX0620WBSD01

Tot Ion:	56	Resp:	93533
Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.7	35.5
84	84.5	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.71 ug/l

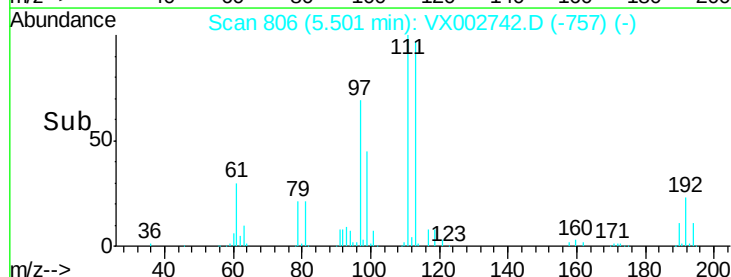
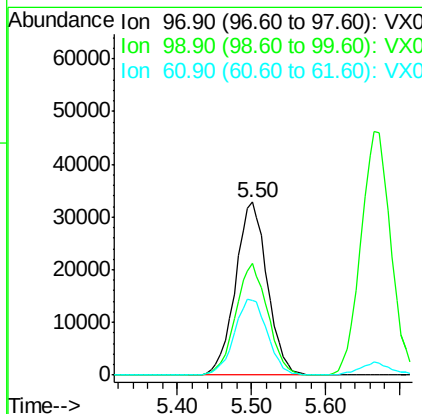
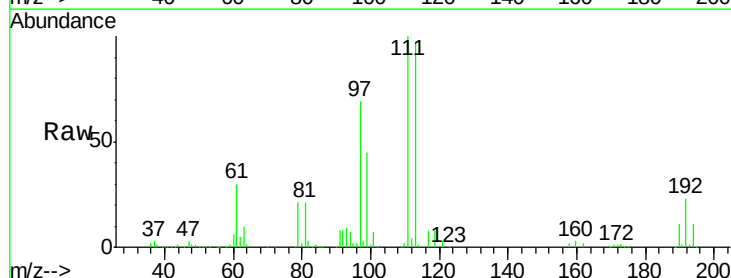
RT: 5.50 min Scan# 806

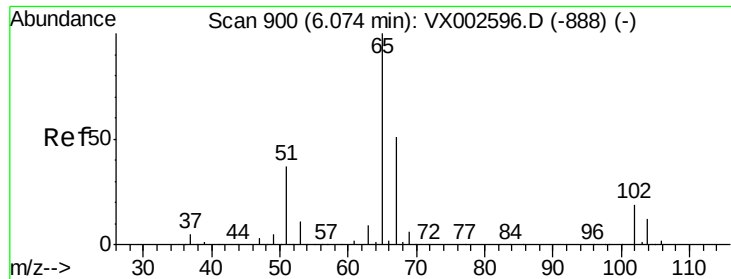
Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Tgt Ion:	97	Resp:	98446
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.6	77.4
61	45.7	36.4	54.6





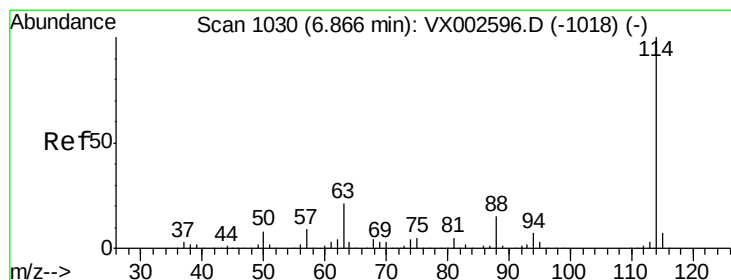
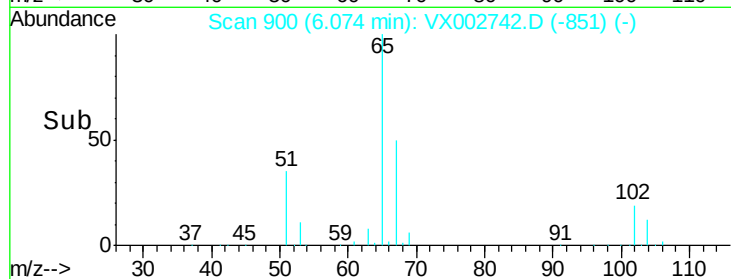
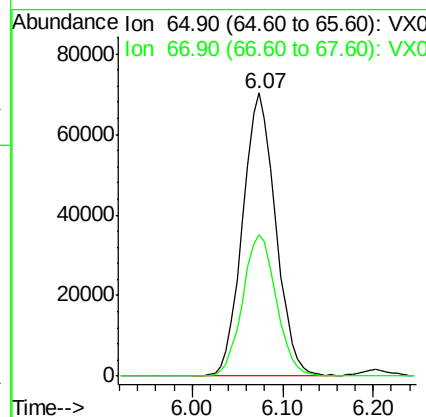
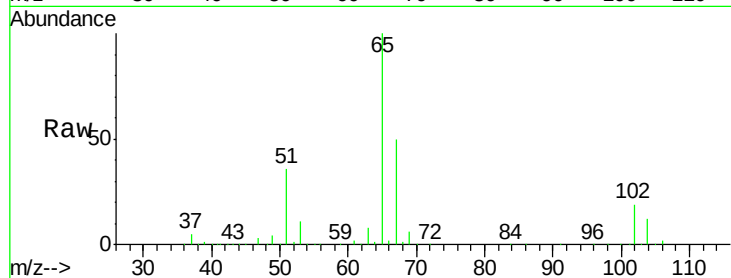
#33
 1,2-Dichloroethane-d4
 Concen: 45.31 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	177725		
67	50.8	0.0	102.6	

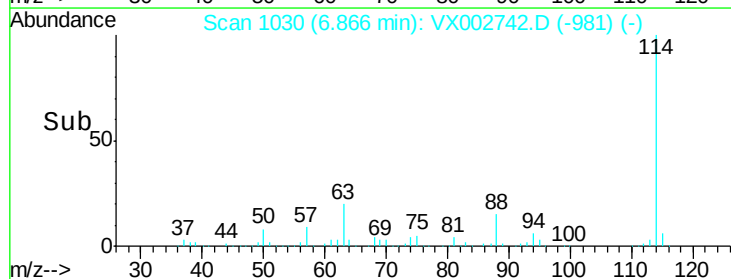
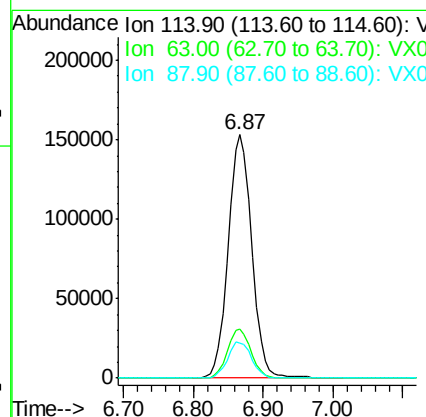
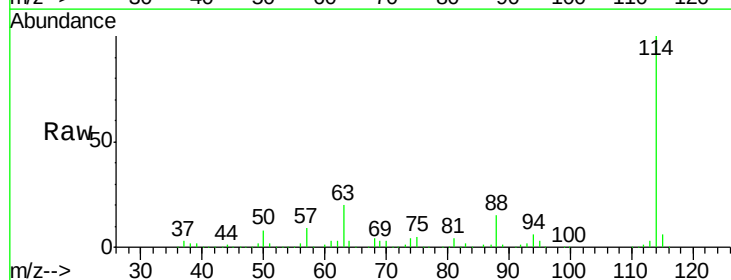
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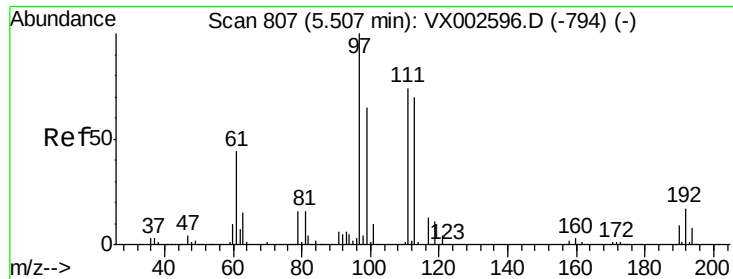
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	358132		
63	20.4	0.0	41.4	
88	14.5	0.0	30.0	





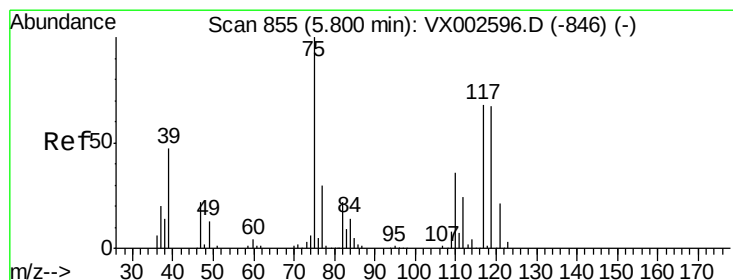
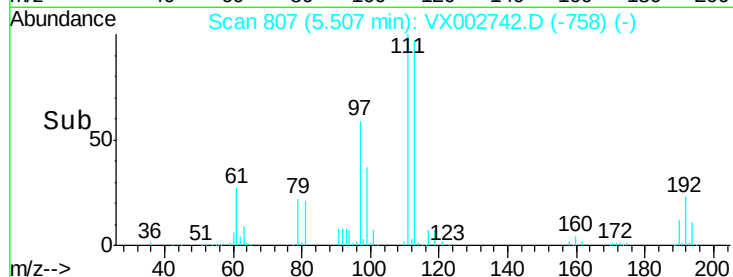
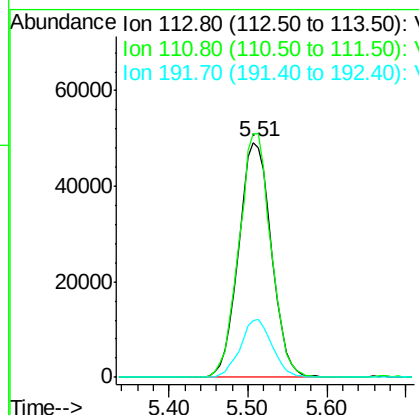
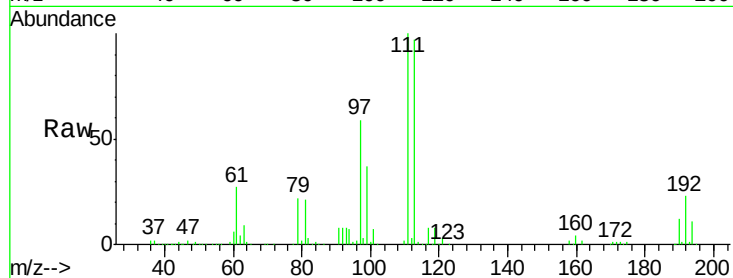
#35
 Dibromofluoromethane
 Concen: 49.86 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampled :
 VX0620WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	142517		
111	101.3	81.4	122.0	
192	24.0	19.1	28.7	

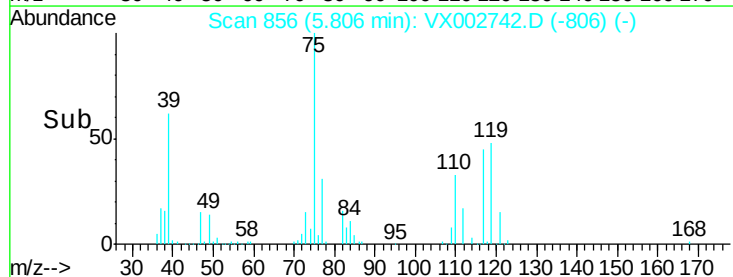
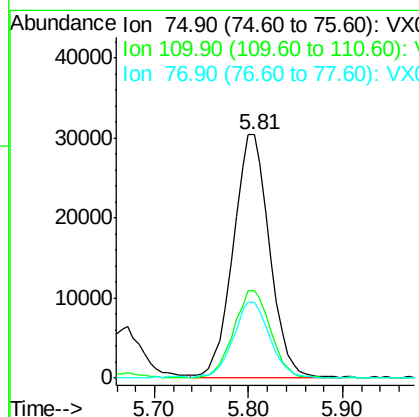
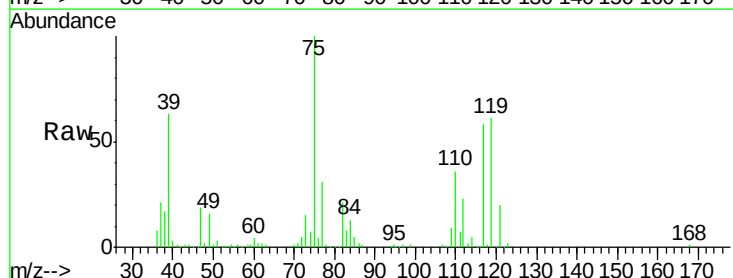
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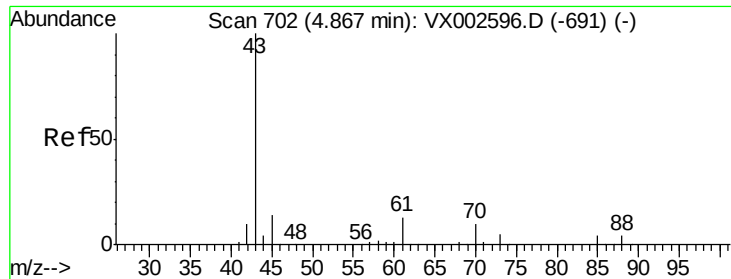
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#36
 1,1-Dichloropropene
 Concen: 21.33 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	81116		
110	37.1	18.1	54.4	
77	32.1	24.3	36.5	





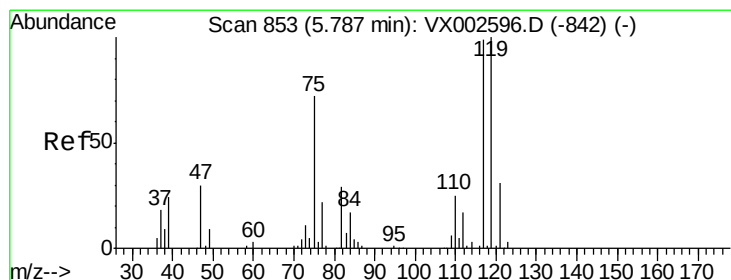
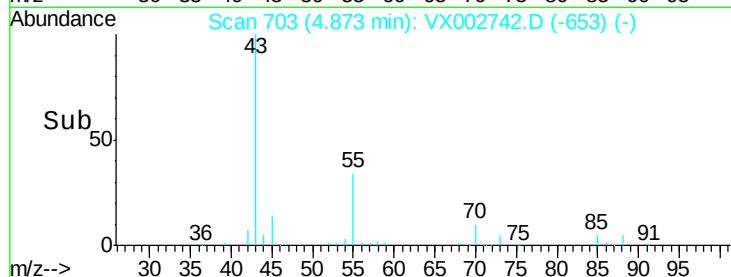
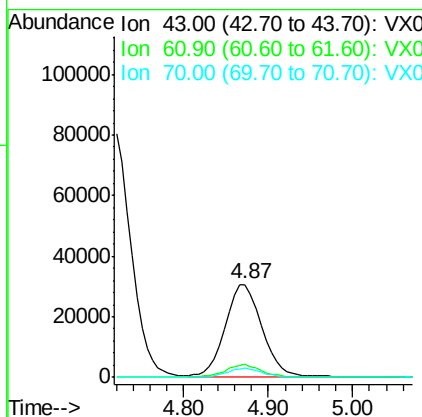
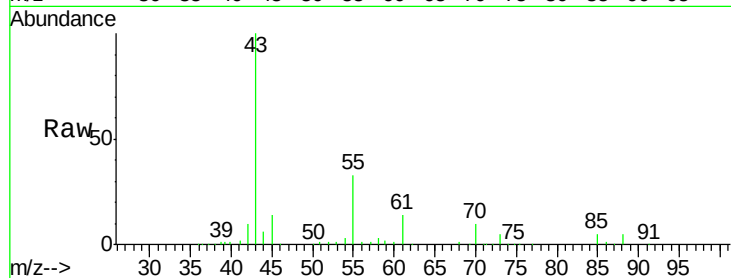
#37
Ethyl Acetate
Concen: 20.97 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampled :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.4	15.6
70	9.4	7.6	11.4

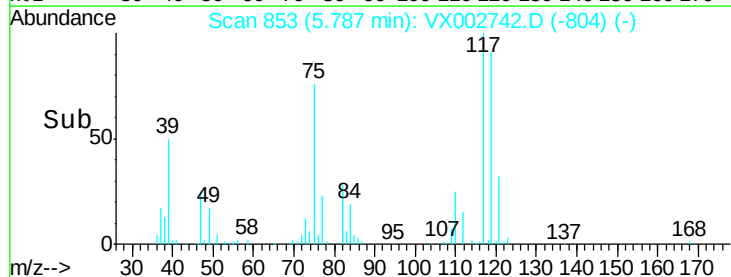
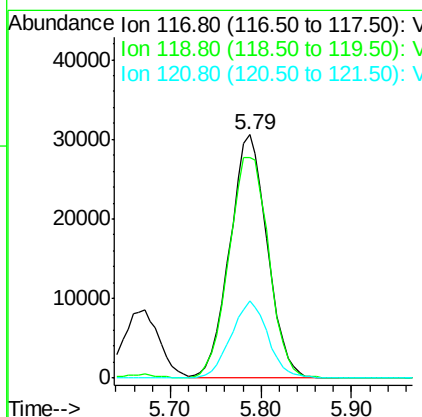
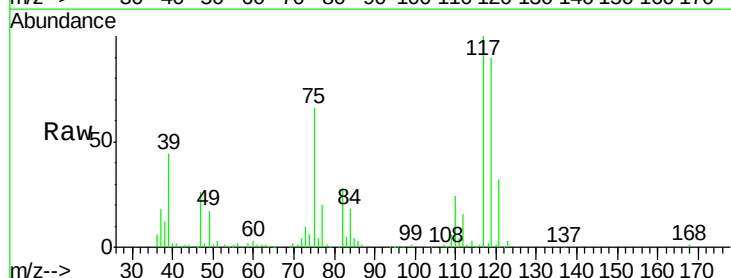
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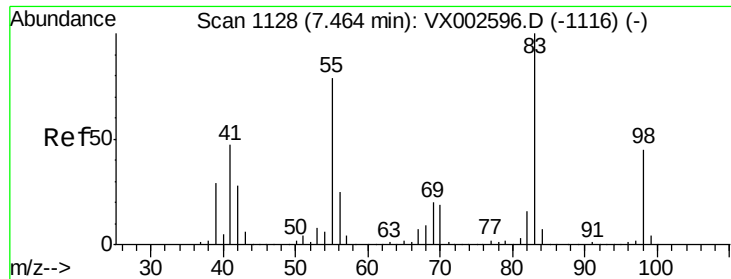
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#38
Carbon Tetrachloride
Concen: 23.22 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.2	77.4	116.0
121	31.6	24.4	36.6





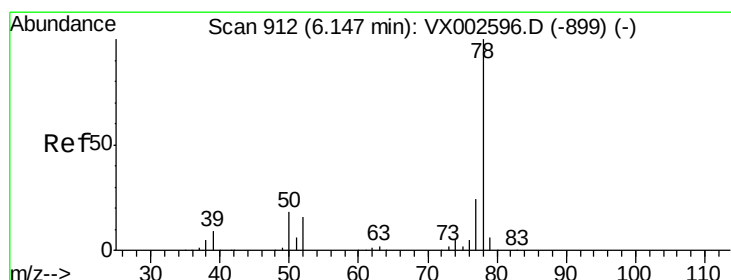
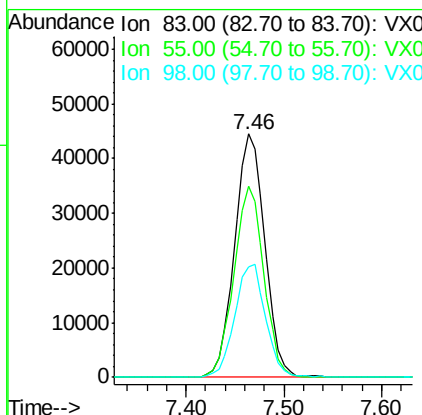
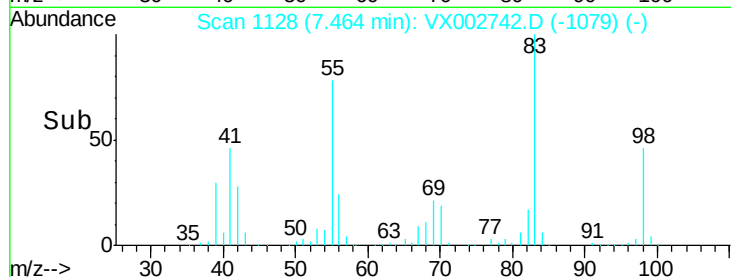
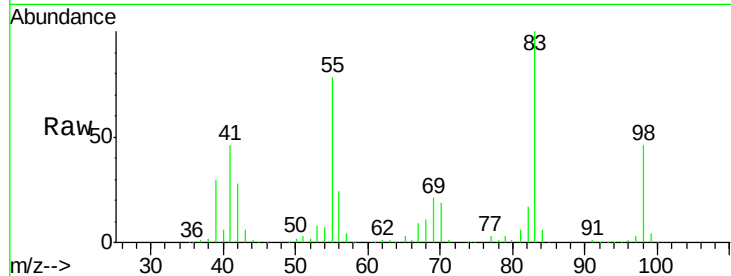
#39
Methylvlcyclohexane
Concen: 21.46 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	65.4	98.0
98	45.6	37.4	56.0

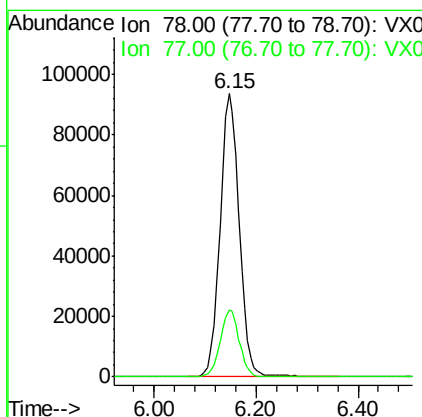
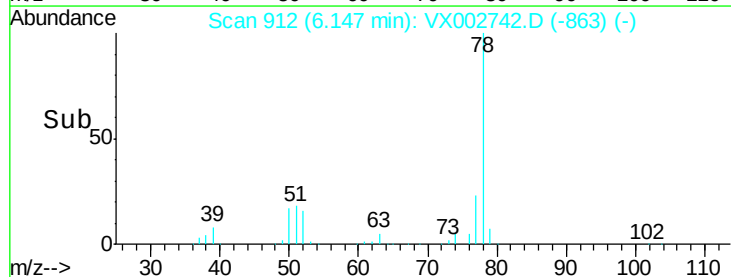
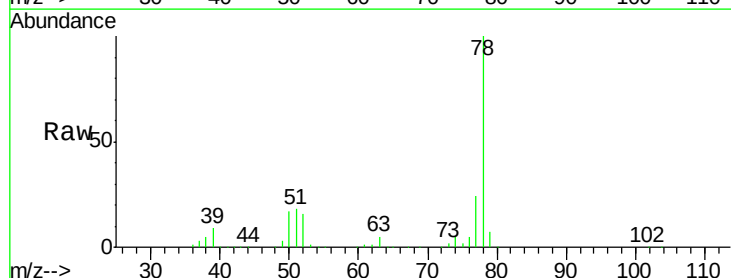
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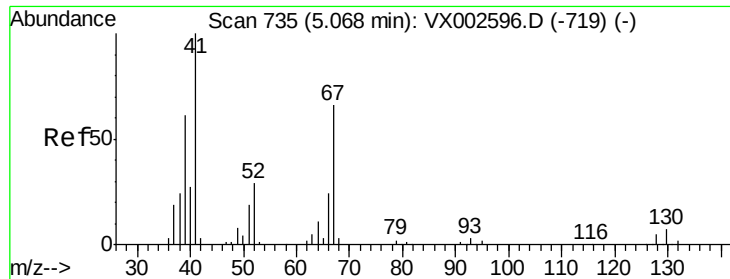
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#40
Benzene
Concen: 21.38 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





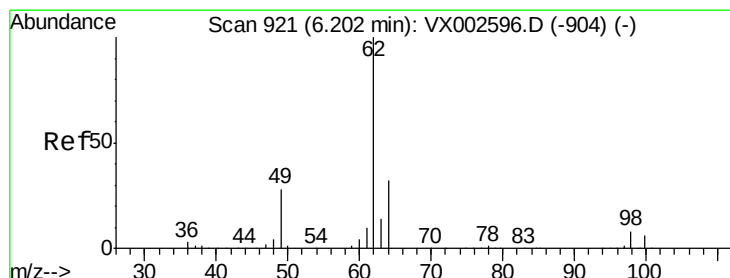
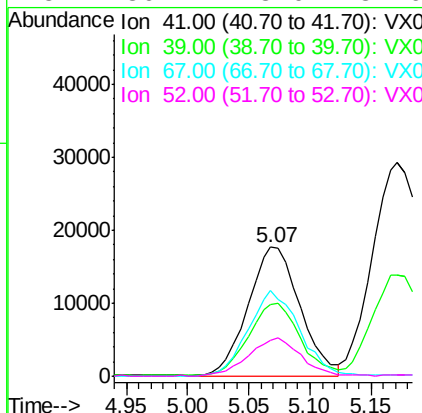
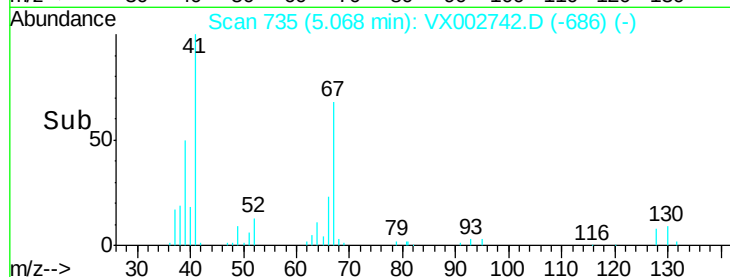
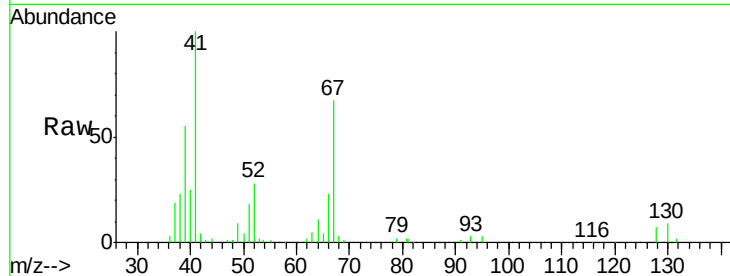
#41
Methacrylonitrile
Concen: 21.32 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion:	41	Resp:	51813
Ion	Ratio	Lower	Upper
41	100		
39	55.7	45.8	68.6
67	66.3	51.3	76.9
52	30.4	23.0	34.6

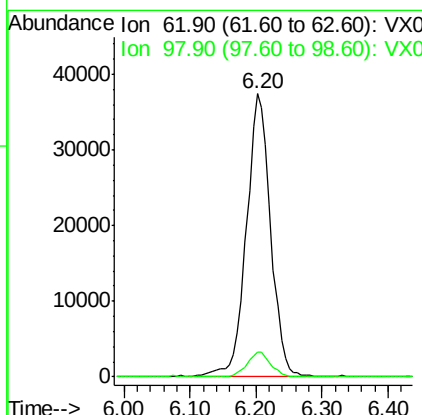
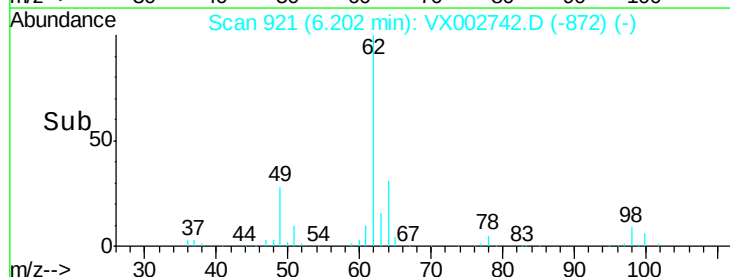
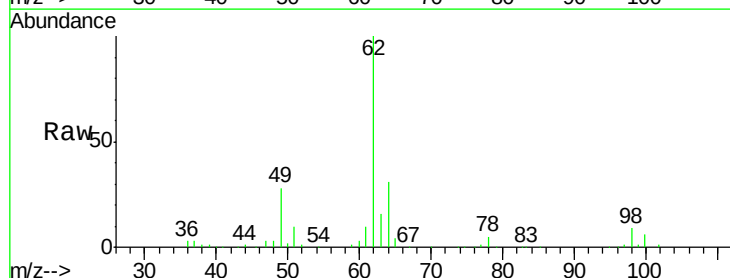
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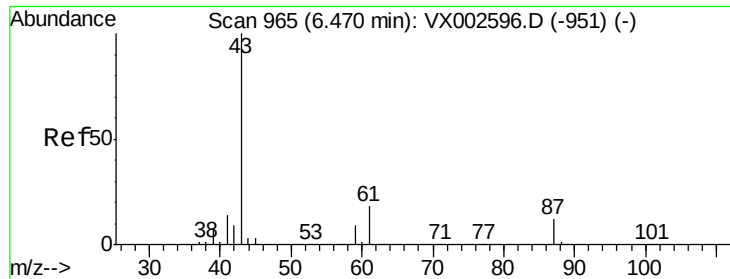
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#42
1,2-Dichloroethane
Concen: 21.71 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion:	62	Resp:	95849
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6





#43

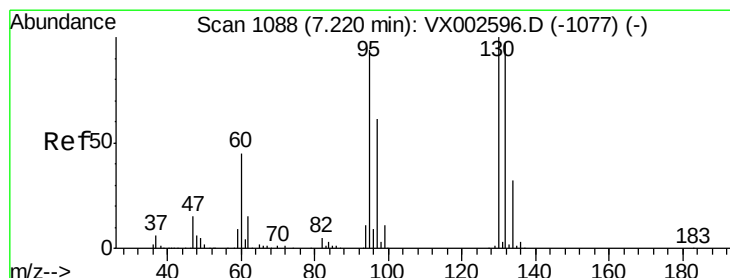
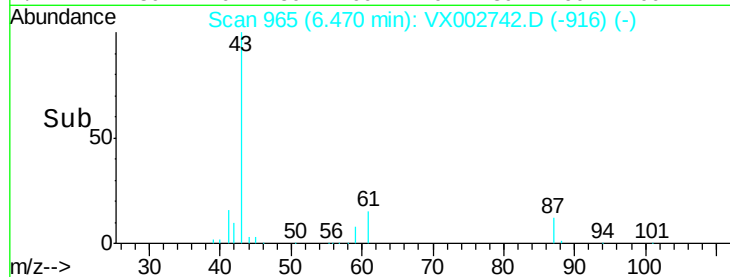
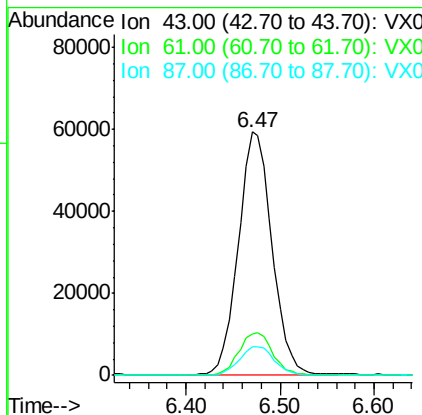
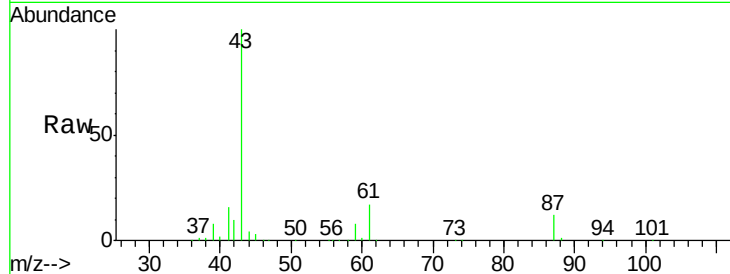
Isopropyl Acetate
 Concen: 20.69 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.4	21.6
87	12.3	9.5	14.3

Manual Integrations
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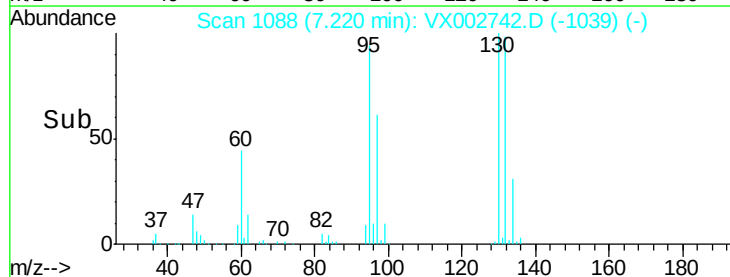
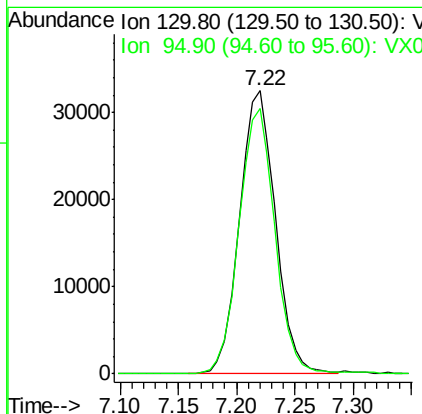
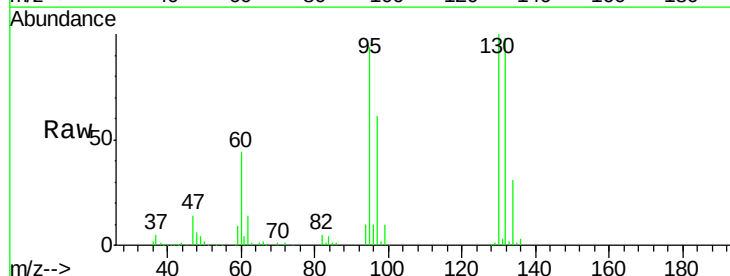
apatel
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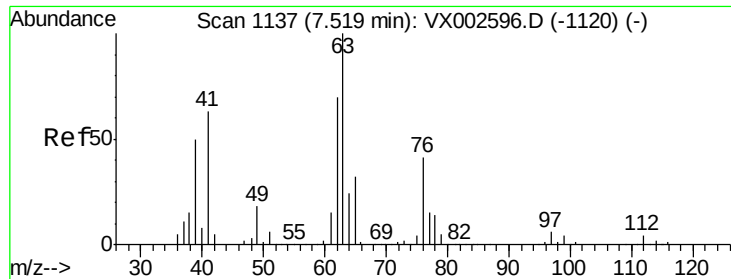


#44

Trichloroethene
 Concen: 21.22 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	185.4





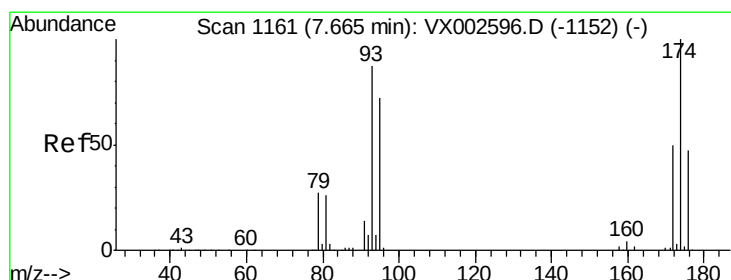
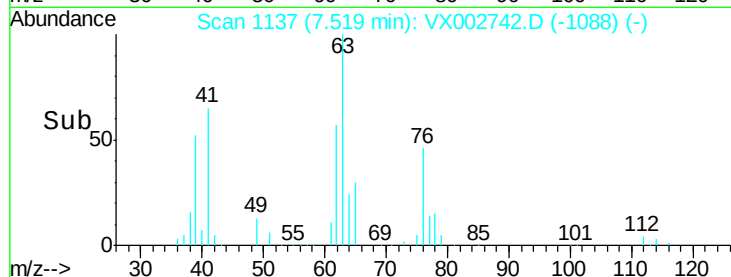
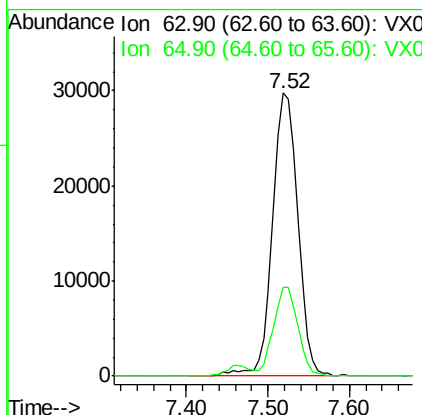
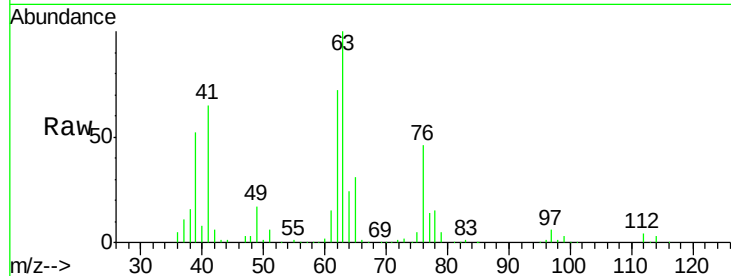
#45
 1,2-Dichloropropane
 Concen: 21.33 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Tot Ion: 63 Resp: 64010
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.7 37.1

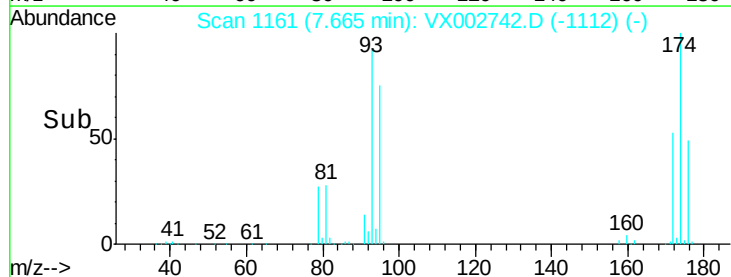
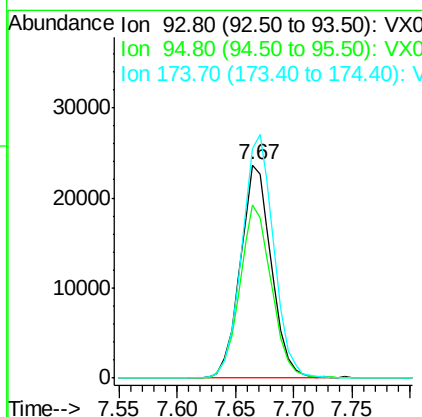
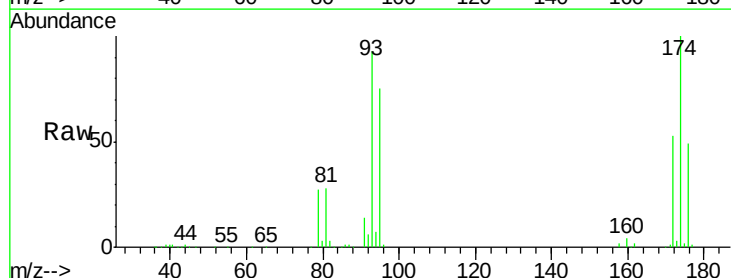
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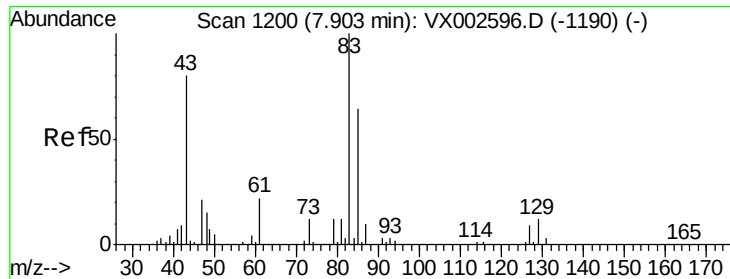
apatel
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#46
 Dibromomethane
 Concen: 21.89 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Tgt Ion: 93 Resp: 43957
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.9 98.9
 174 116.8 92.4 138.6





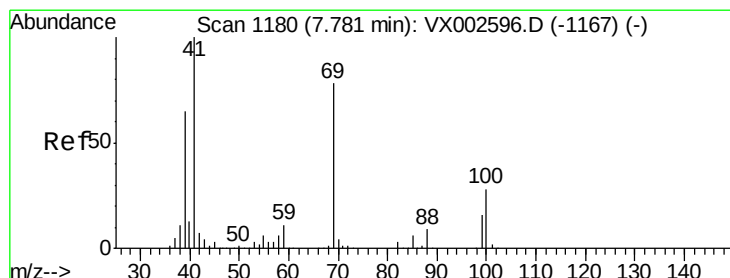
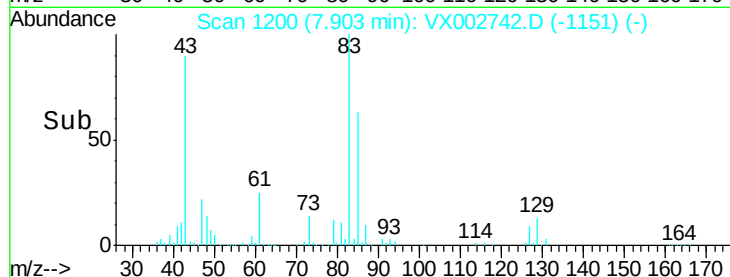
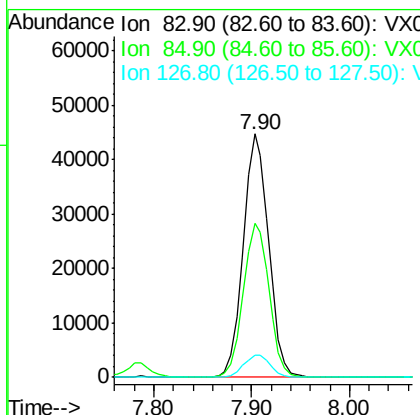
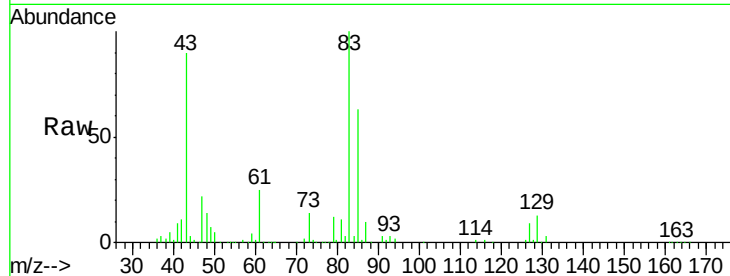
#47
 Bromodichloromethane
 Concen: 22.65 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Tot Ion	83	Resp	80207
Ion Ratio	100	Lower	Upper
83	100		
85	63.2	50.3	75.5
127	9.2	7.0	10.4

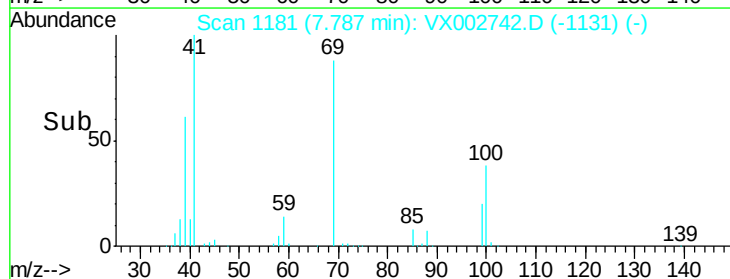
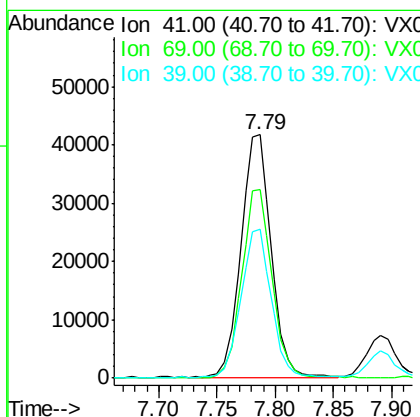
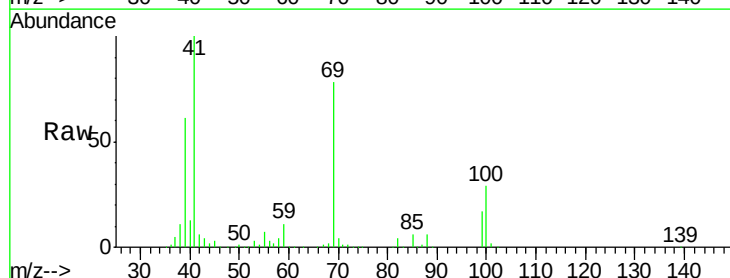
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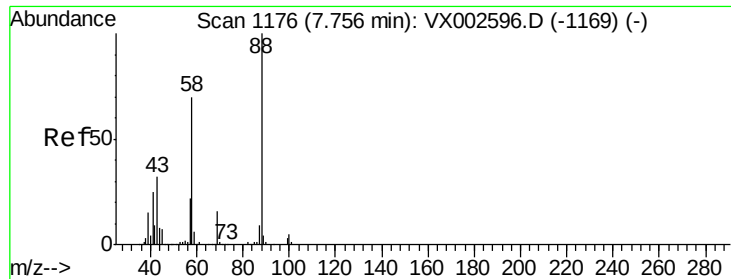
apatel
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#48
 Methyl methacrylate
 Concen: 20.60 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Tgt Ion	41	Resp	75105
Ion Ratio	100	Lower	Upper
41	100		
69	78.9	59.1	88.7
39	61.2	48.9	73.3





#49

1,4-Dioxane

Concen: 380.59 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

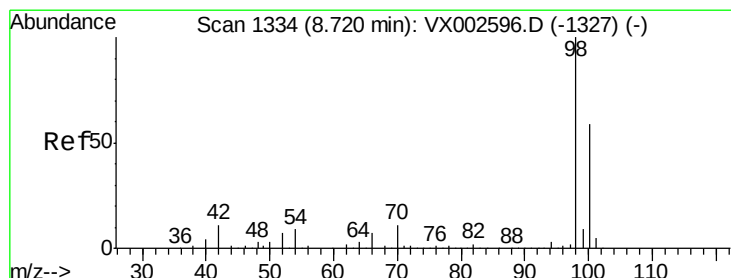
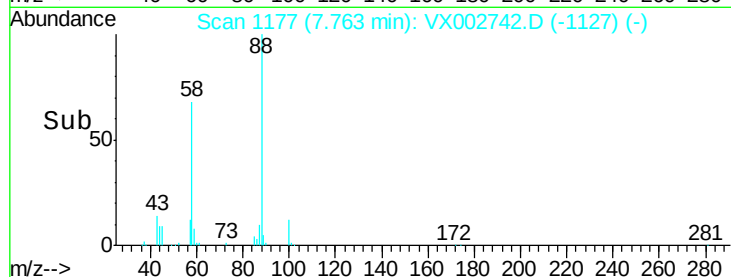
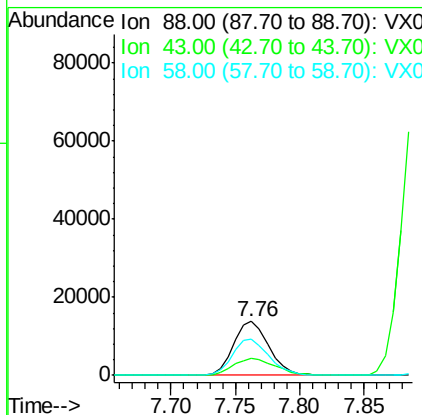
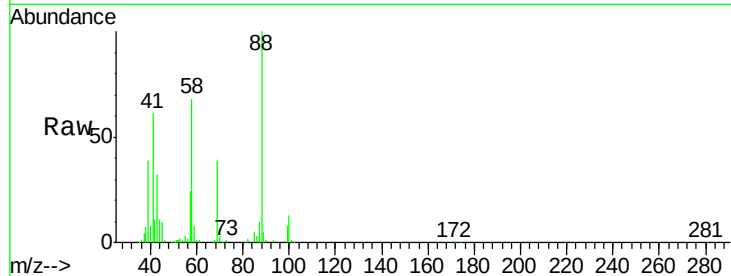
ClientSampleId :

VX0620WBSD01

Tot Ion:	88	Resp:	26271
Ion	Ratio	Lower	Upper
88	100		
43	36.4	29.8	44.6
58	70.2	57.1	85.7

Manual Integrations
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#50

Toluene-d8

Concen: 47.48 ug/l

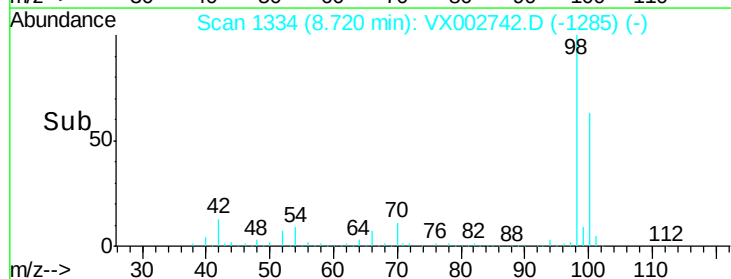
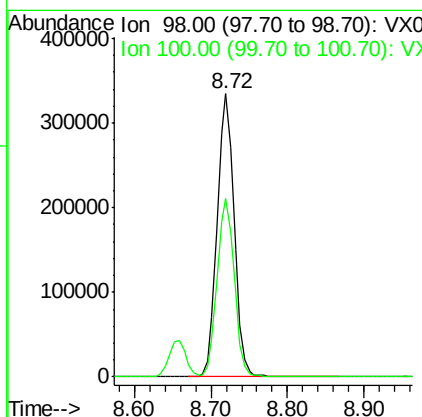
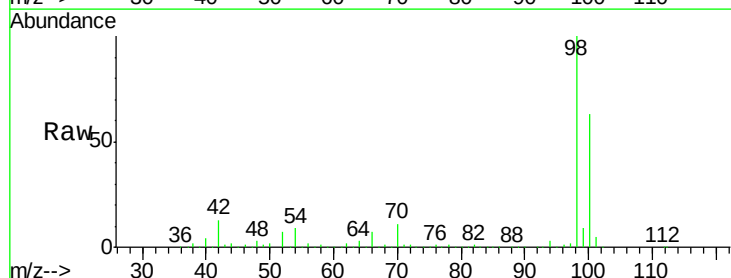
RT: 8.72 min Scan# 1334

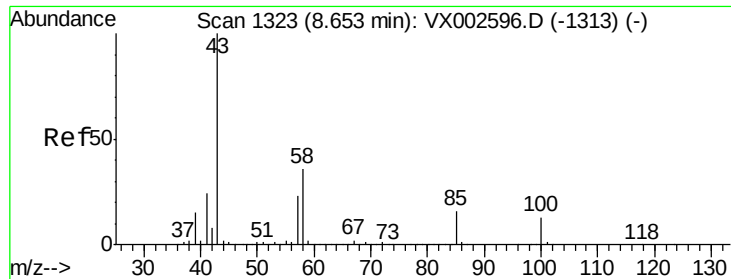
Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Tgt Ion:	98	Resp:	515288
Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.9	76.3





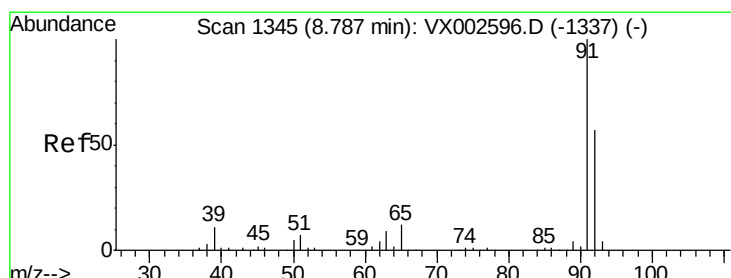
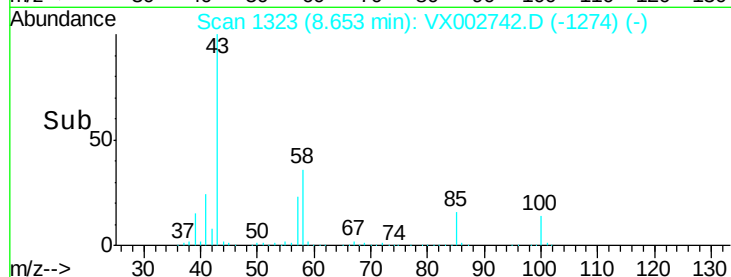
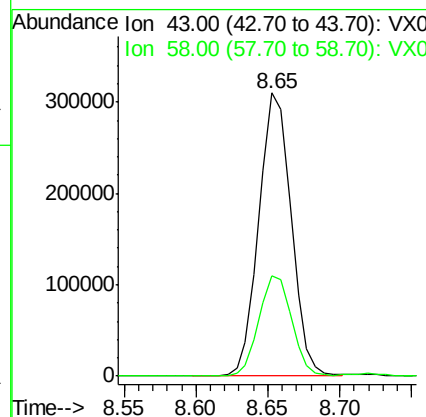
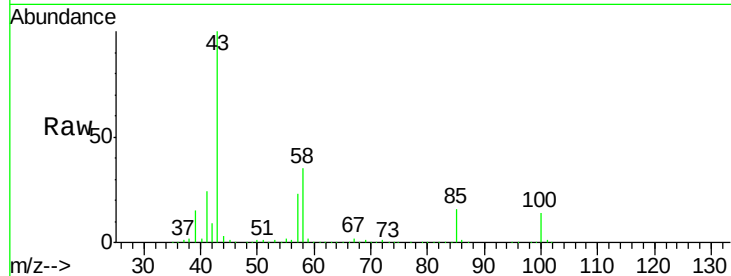
#51
4-Methyl-2-Pentanone
Concen: 105.05 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleID :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.0	28.6	42.8

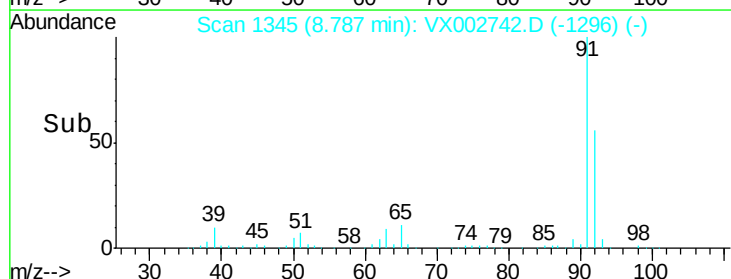
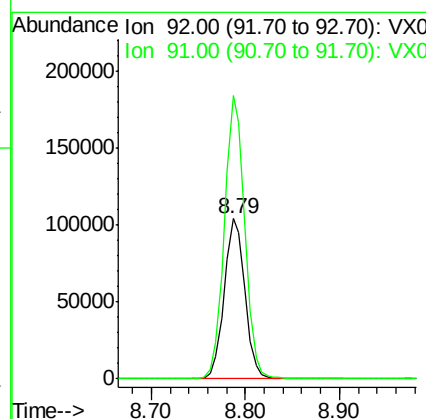
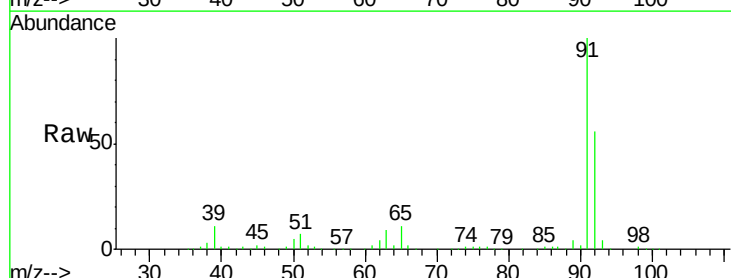
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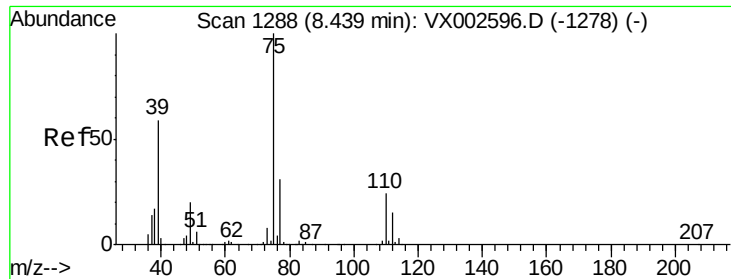
apatel
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#52
Toluene
Concen: 21.78 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.9	140.4	210.6





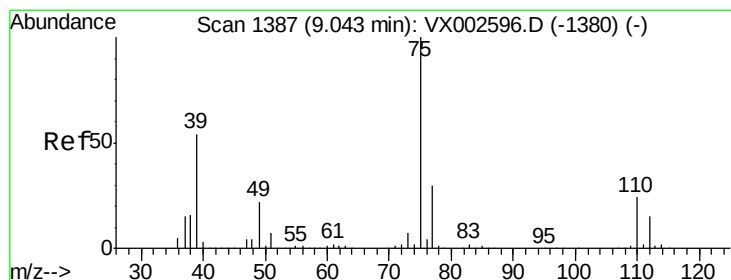
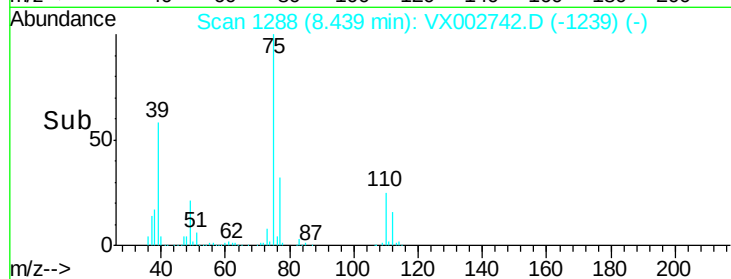
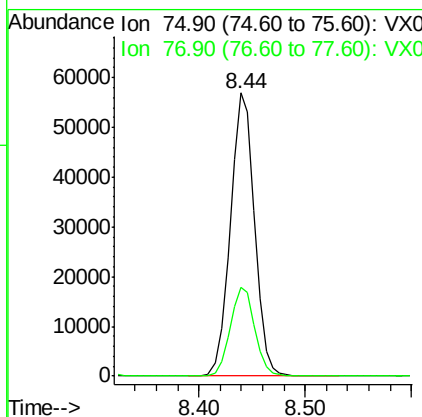
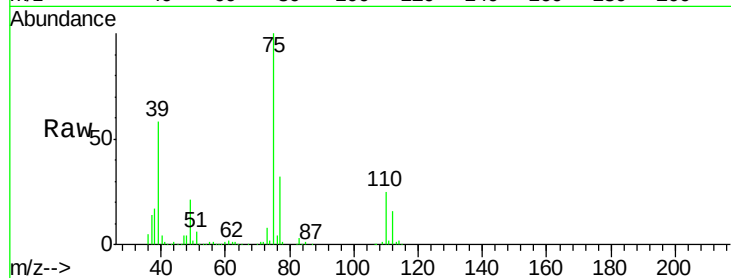
#53
t-1,3-Dichloropropene
Concen: 20.73 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.2

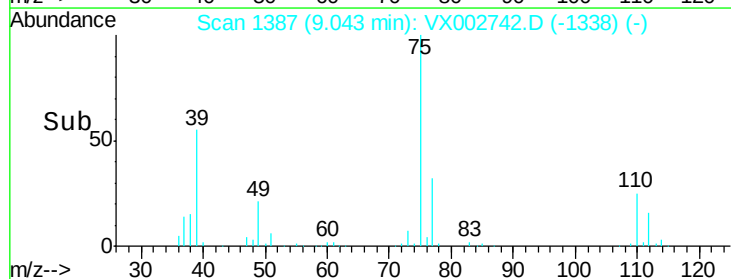
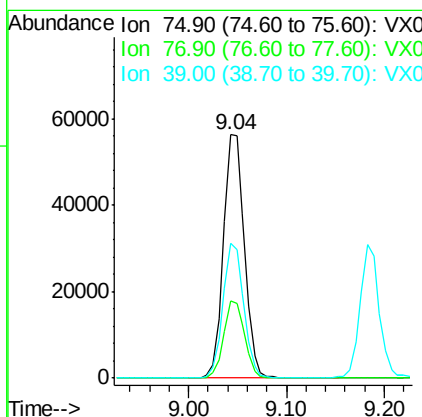
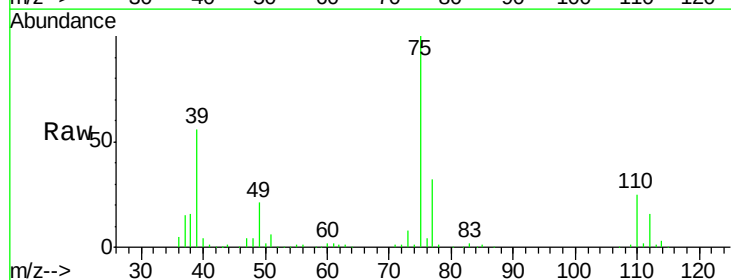
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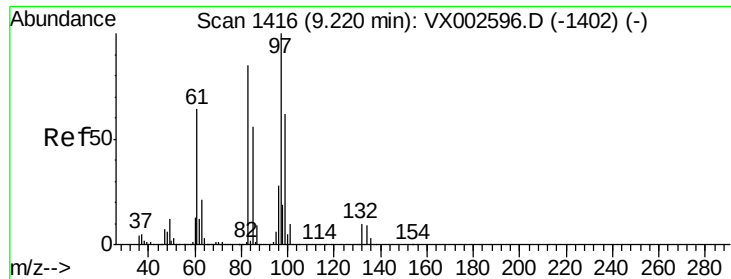
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#54
cis-1,3-Dichloropropene
Concen: 20.79 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.8	37.2
39	55.3	42.4	63.6





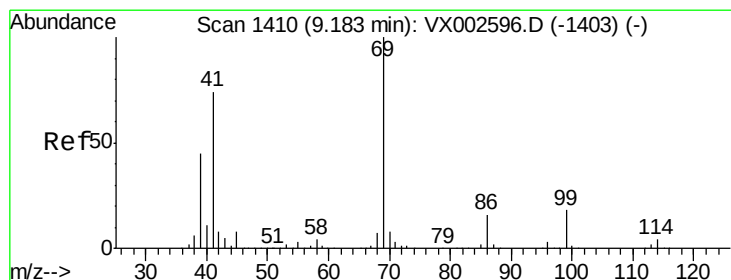
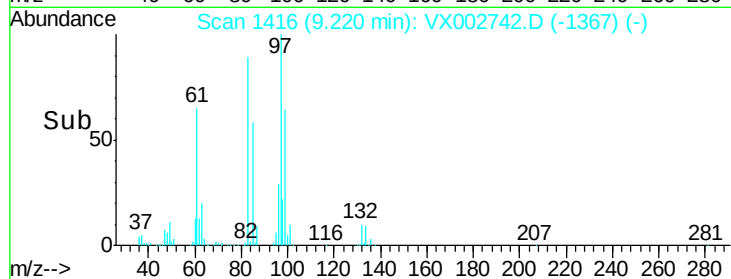
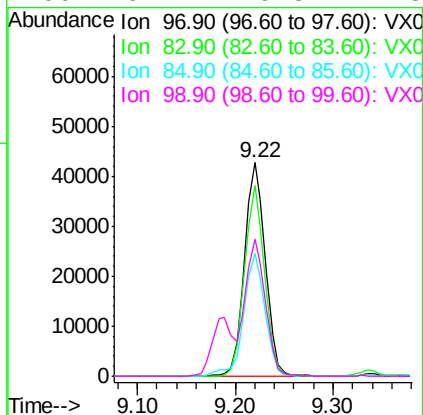
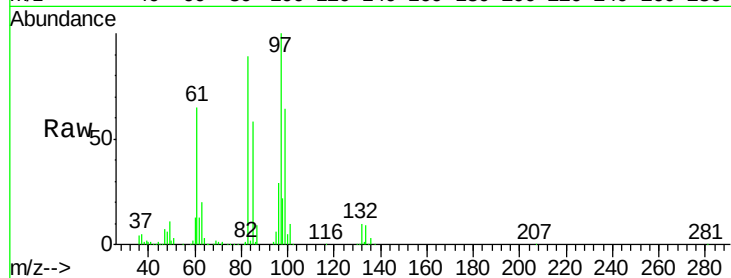
#55
 1,1,2-Trichloroethane
 Concen: 21.49 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	89.4	70.2	105.2
85	57.8	44.9	67.3
99	64.4	49.8	74.8

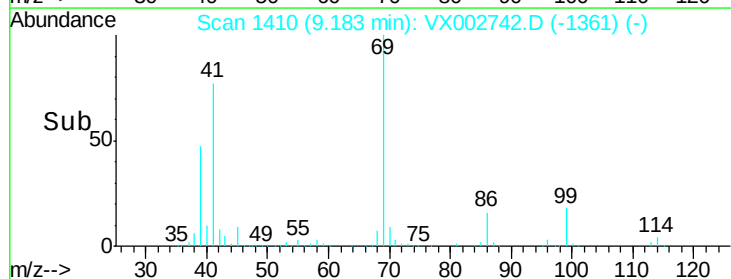
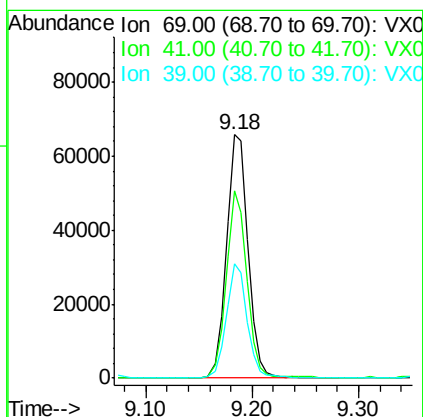
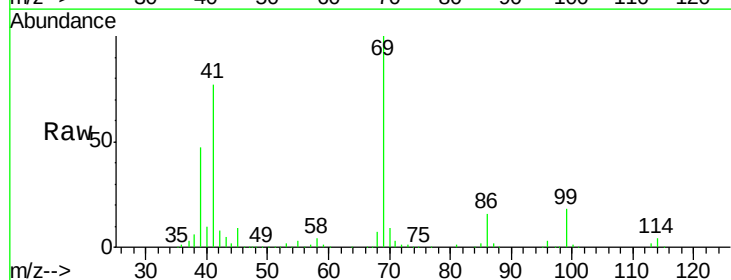
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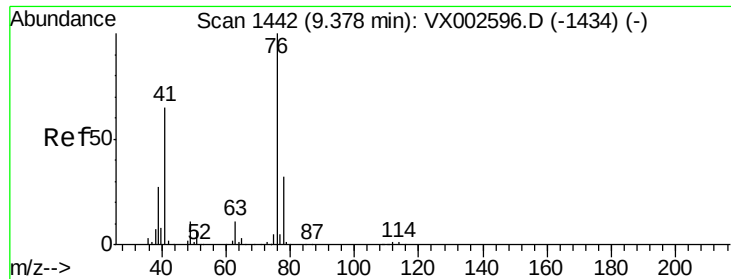
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#56
 Ethyl methacrylate
 Concen: 20.67 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.4	60.3	90.5
39	44.7	35.8	53.8





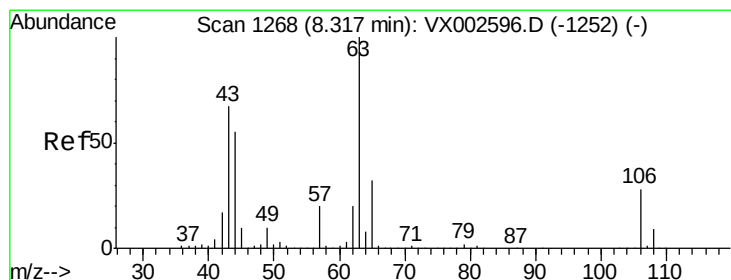
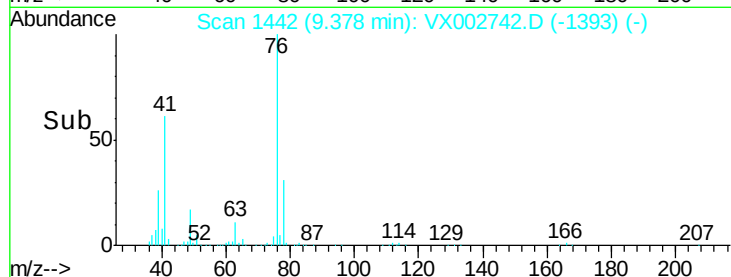
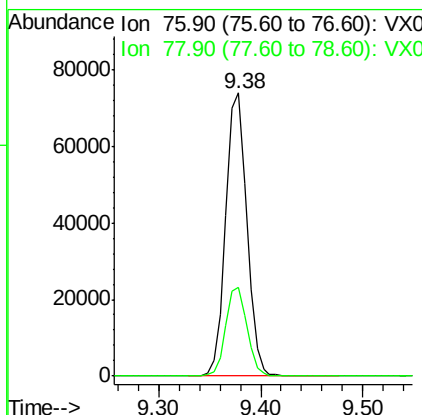
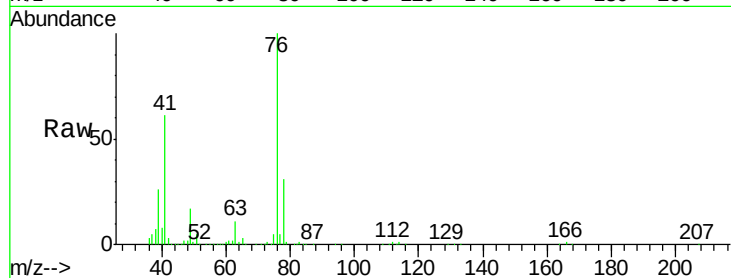
#57
 1,3-Dichloropropane
 Concen: 21.40 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.6	25.8	38.6

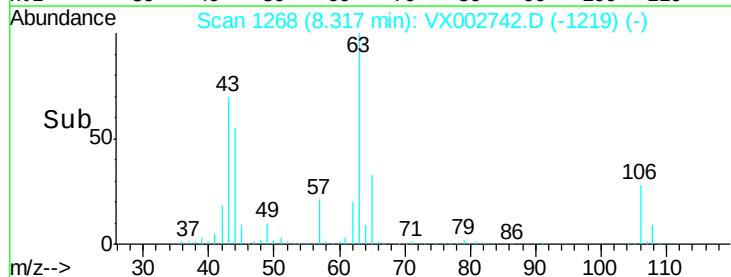
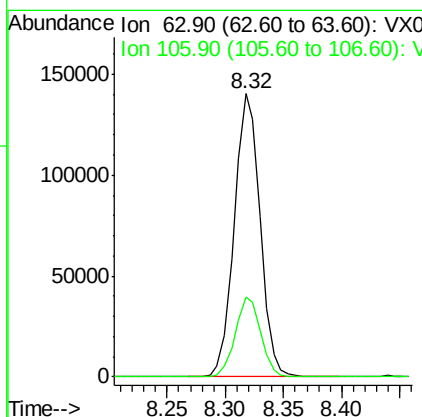
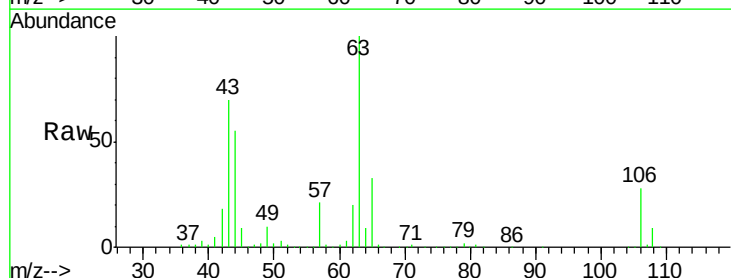
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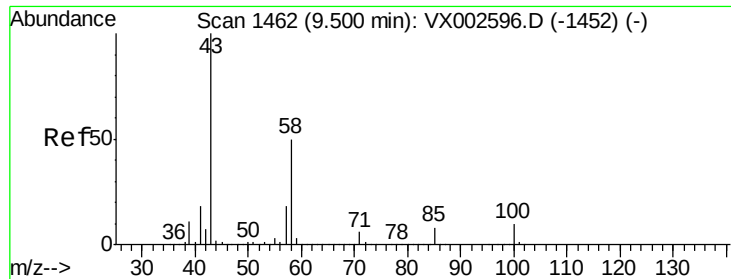
apatel
 6/22/2018 8:08:33 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.22 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.8	21.8	32.8





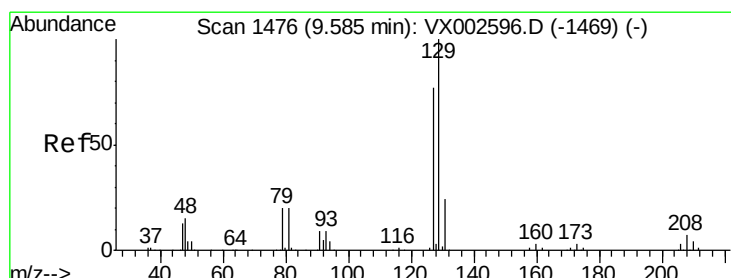
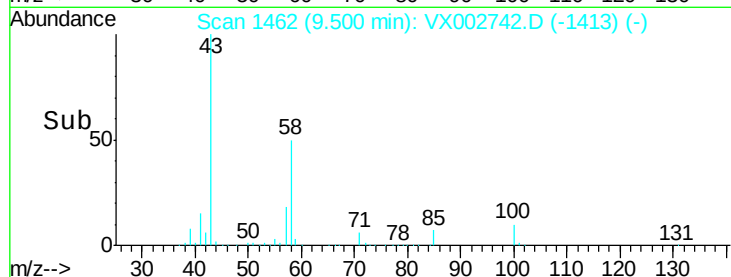
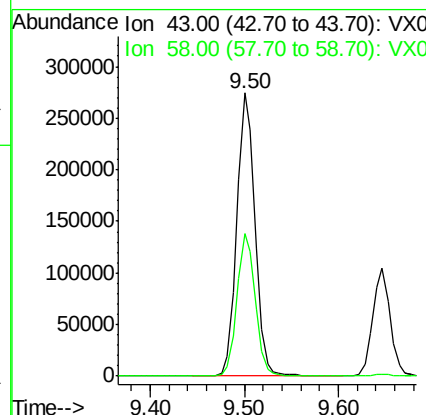
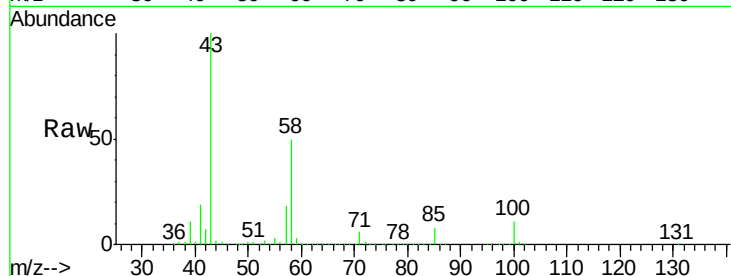
#59
2-Hexanone
Concen: 106.47 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion: 43 Resp: 367434
Ion Ratio Lower Upper
43 100
58 50.4 24.6 73.6

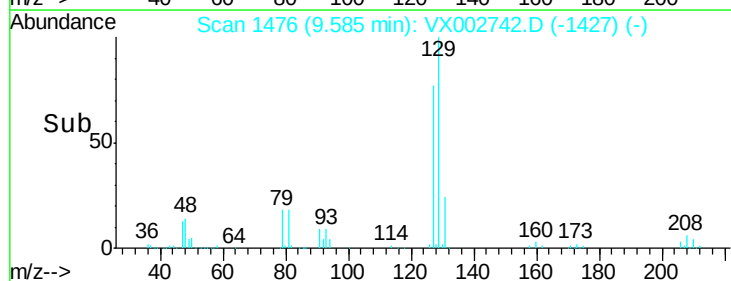
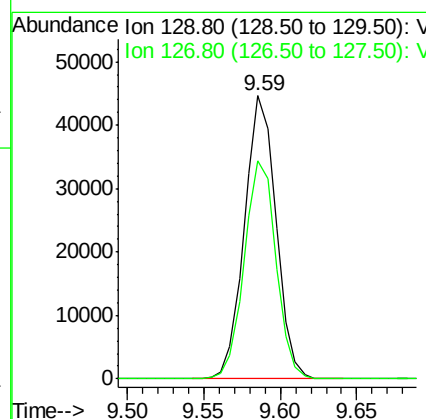
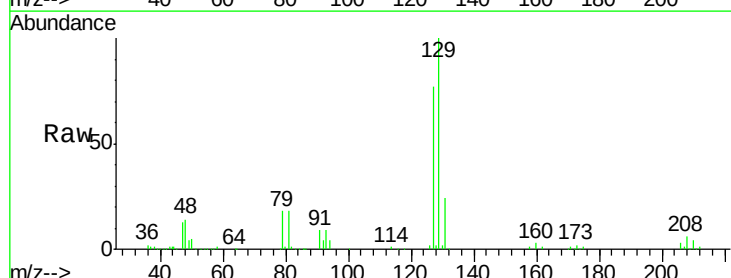
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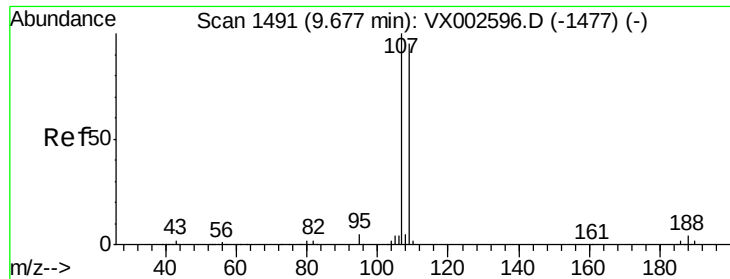
apatel
6/22/2018 8:08:33 AM



#60
Dibromochloromethane
Concen: 21.65 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion:129 Resp: 63969
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 22.15 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion:107 Resp: 67426

Ion Ratio Lower Upper

107 100

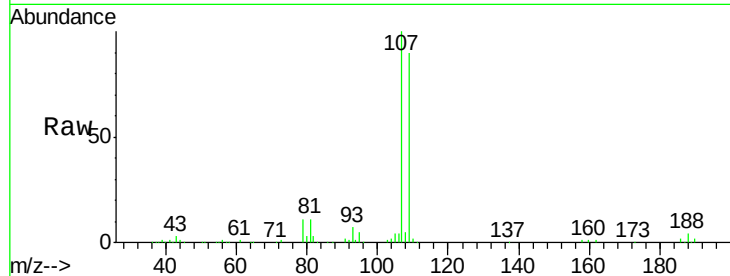
109 93.5 75.3 112.9

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

50000

40000

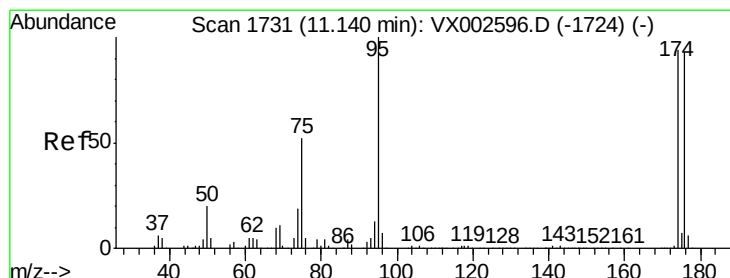
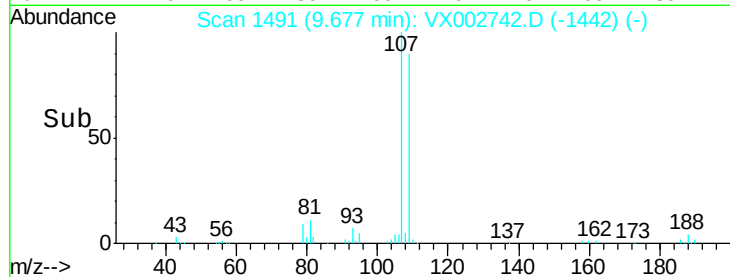
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.22 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

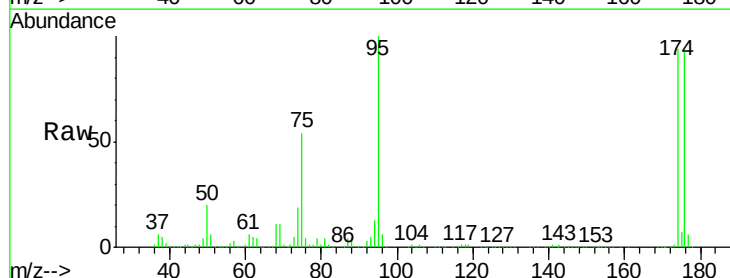
Tgt Ion: 95 Resp: 194176

Ion Ratio Lower Upper

95 100

174 96.9 0.0 187.4

176 94.2 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

11.14

200000

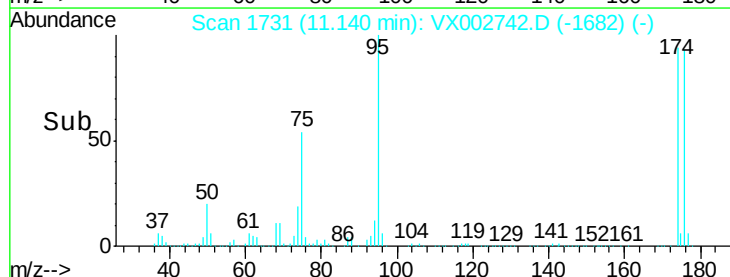
150000

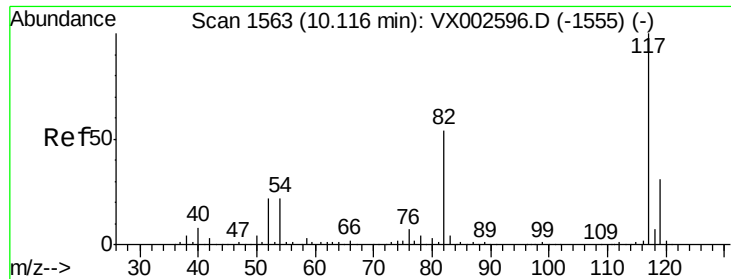
100000

50000

0

Time-->





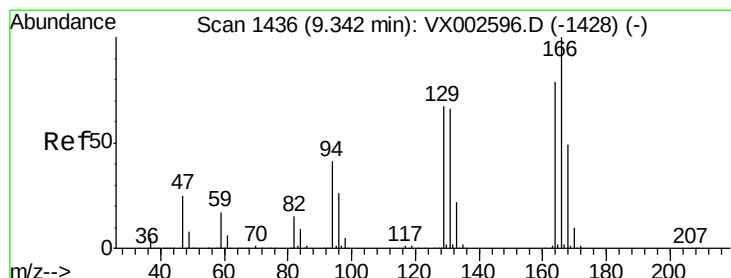
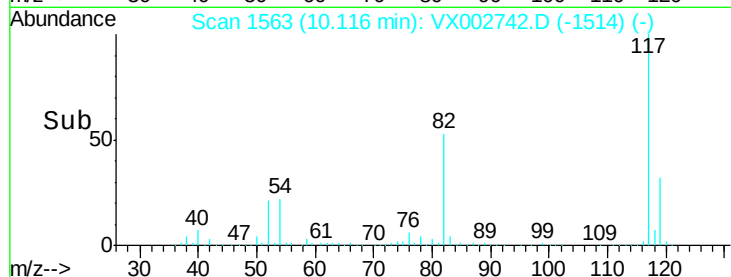
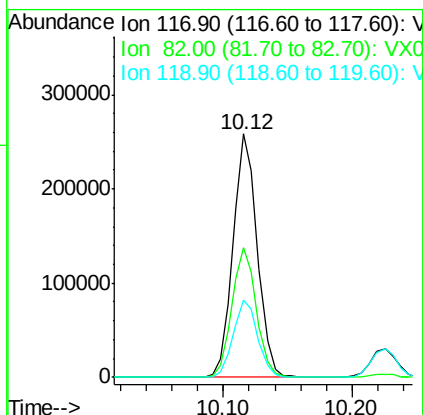
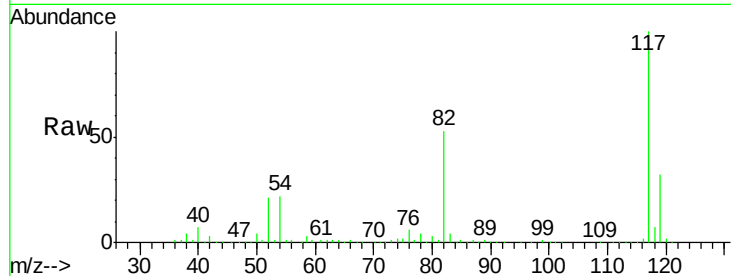
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampled :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	45.0	67.4
119	31.9	25.8	38.6

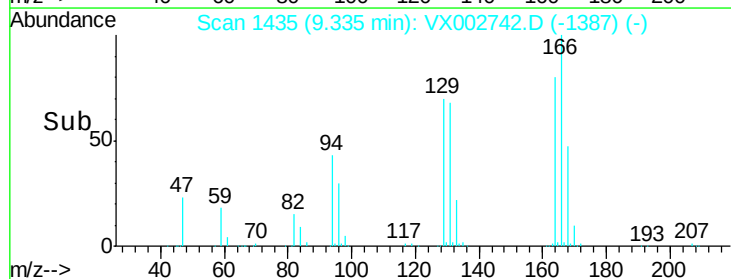
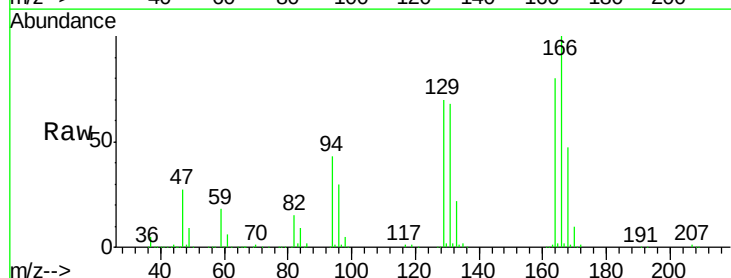
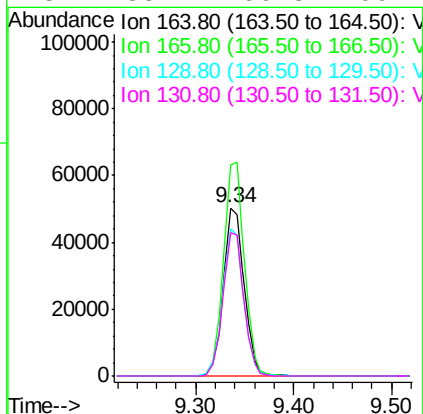
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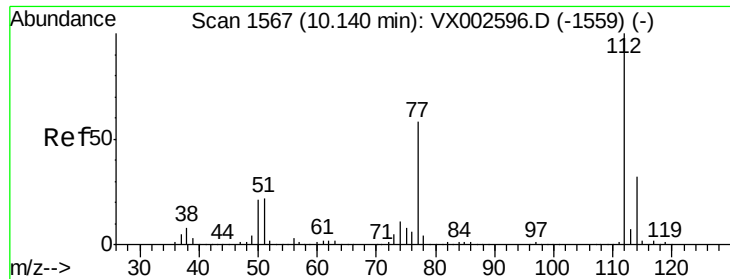
apatel
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#64
Tetrachloroethene
Concen: 19.65 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.4	102.9	154.3
129	87.5	68.6	102.8
131	85.1	66.8	100.2





#65

Chlorobenzene

Concen: 21.53 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampled :

VX0620WBSD01

Tot Ion:112 Resp: 179697

Ion Ratio Lower Upper

112 100

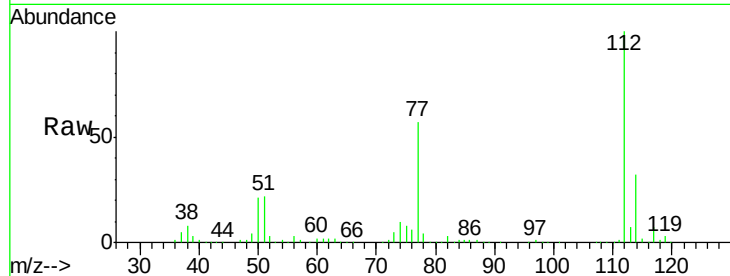
114 32.5 25.3 37.9

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

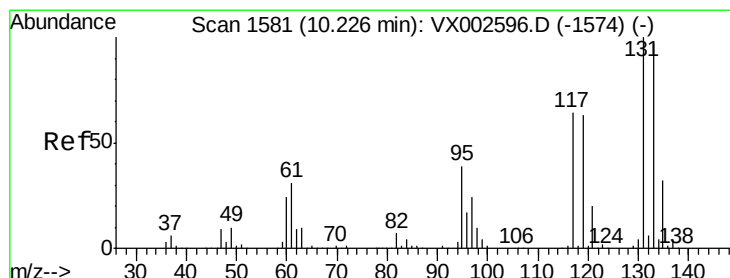
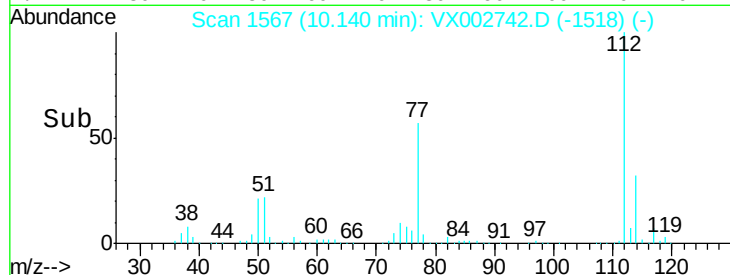
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 22.46 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

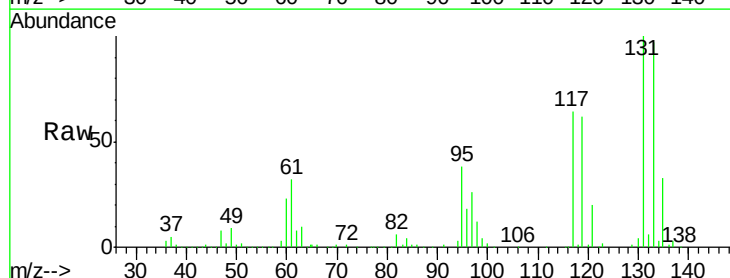
Tgt Ion:131 Resp: 63891

Ion Ratio Lower Upper

131 100

133 97.1 47.9 143.6

119 64.7 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

60000

50000

40000

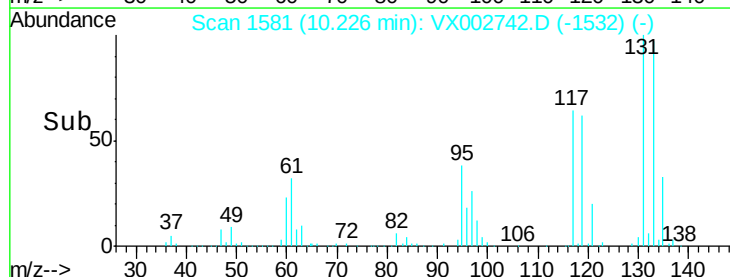
30000

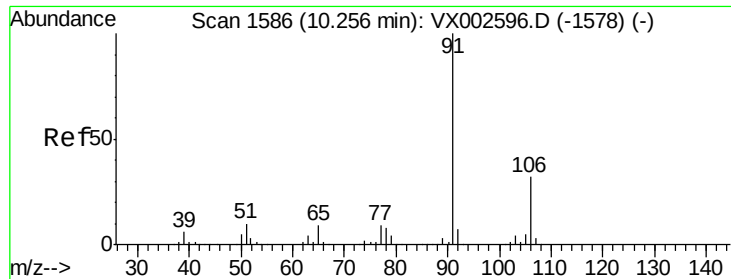
20000

10000

0

Time-->





#67

Ethyl Benzene

Concen: 21.54 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion: 91 Resp: 303179

Ion Ratio Lower Upper

91 100

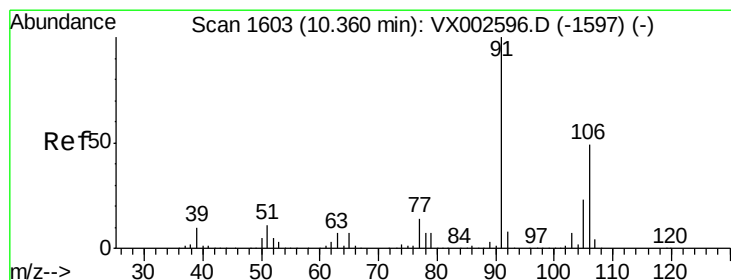
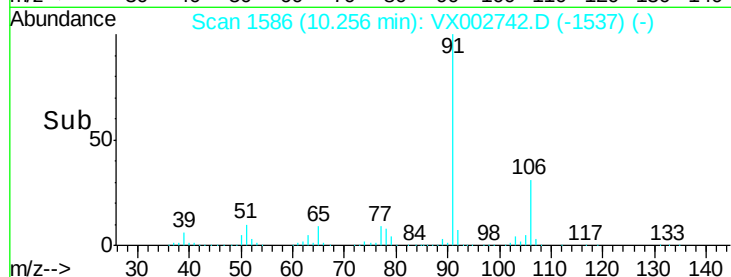
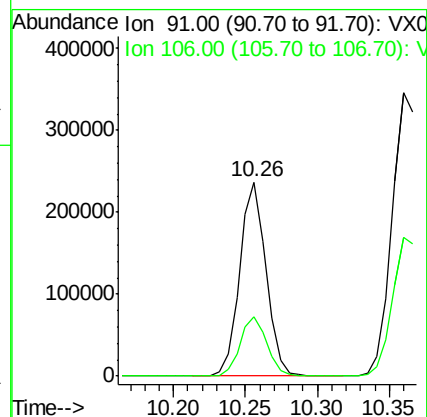
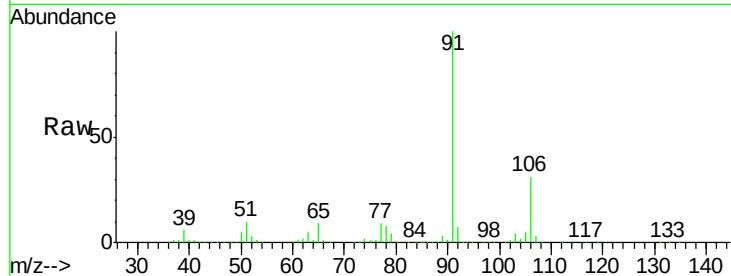
106 30.7 25.5 38.3

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#68

m/p-Xylenes

Concen: 43.43 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX002742.D

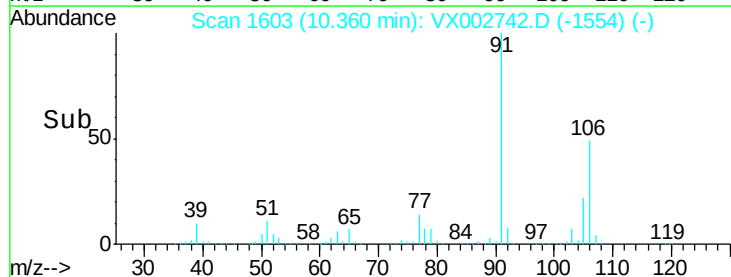
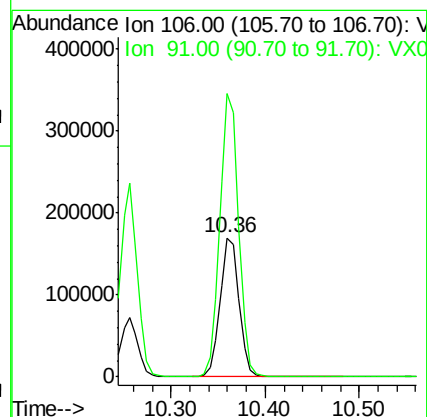
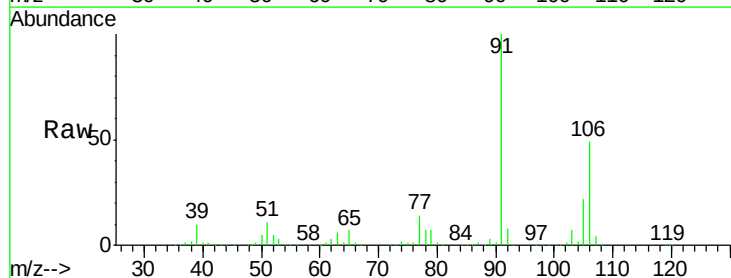
Acq: 20 Jun 2018 15:27

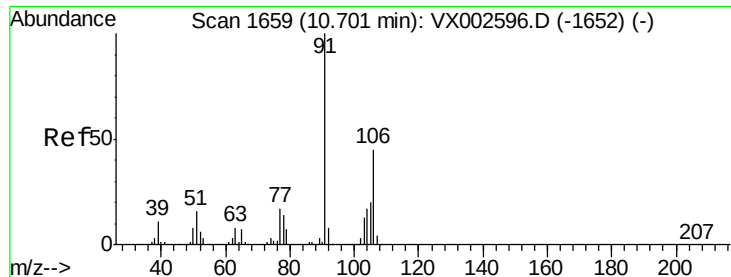
Tgt Ion: 106 Resp: 235781

Ion Ratio Lower Upper

106 100

91 202.3 163.4 245.2





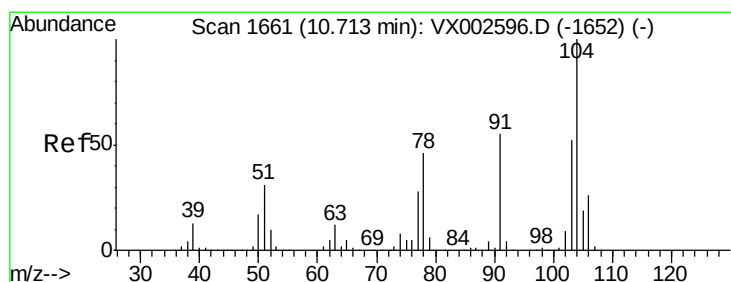
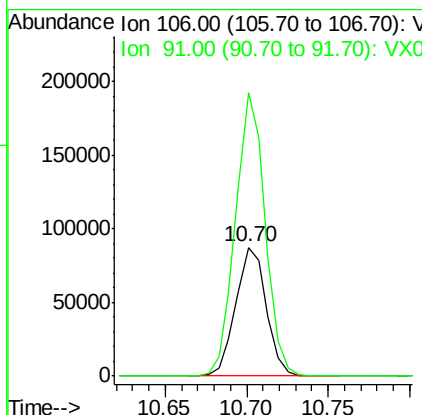
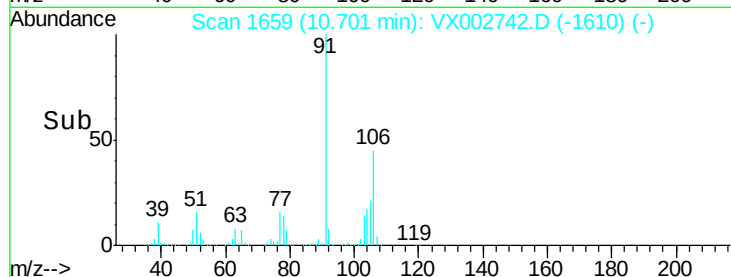
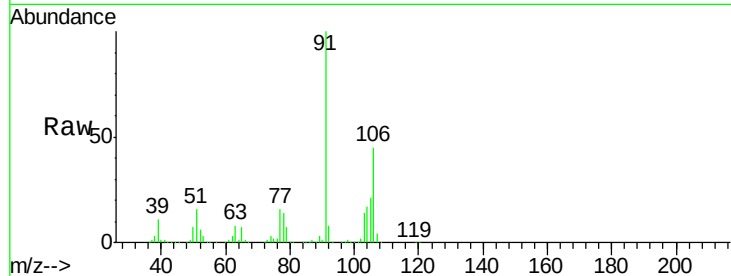
#69
o-Xylene
Concen: 21.29 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion:106 Resp: 113569
Ion Ratio Lower Upper
106 100
91 214.9 108.2 324.6

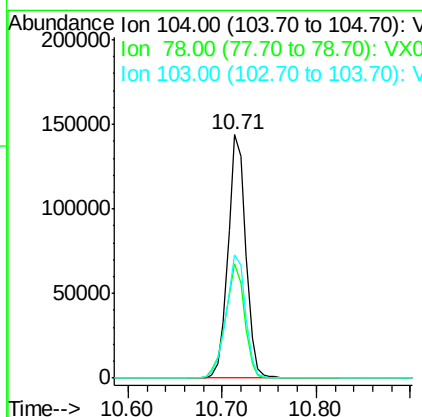
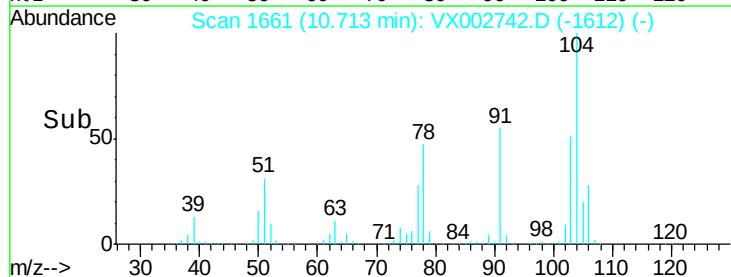
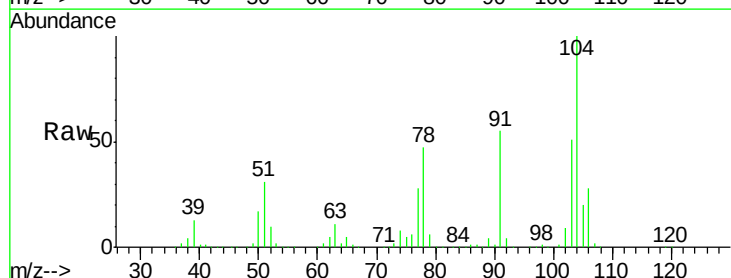
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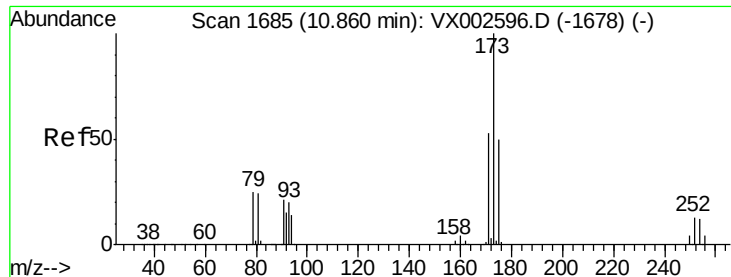
apatel
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#70
Styrene
Concen: 21.42 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion:104 Resp: 187926
Ion Ratio Lower Upper
104 100
78 50.9 41.0 61.6
103 55.5 44.2 66.4





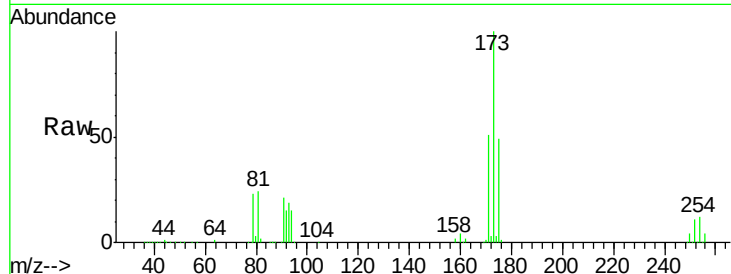
#71
Bromoform
Concen: 21.75 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.7	74.1
254	0.2	0.2	0.2

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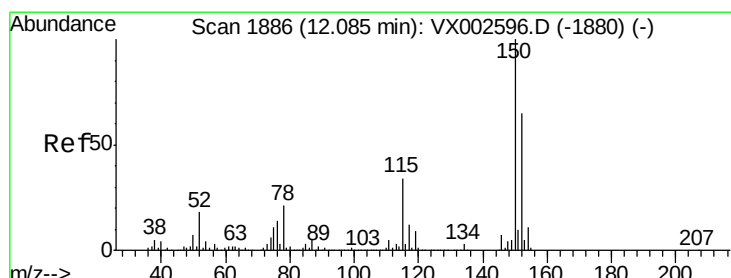
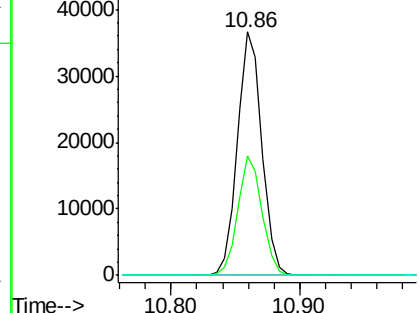
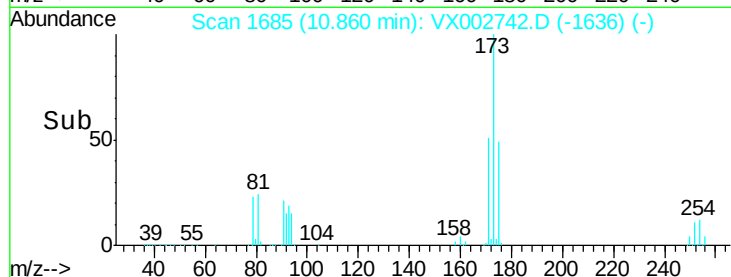


Abundance

Ion 172.70 (172.40 to 173.40): V

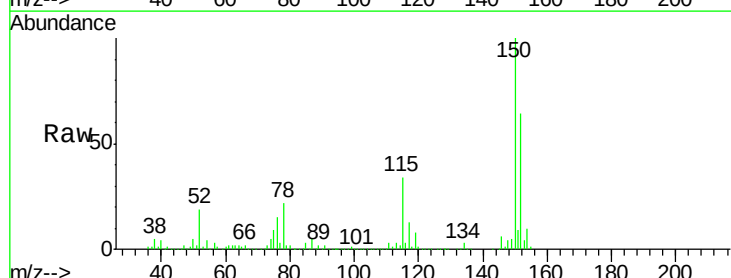
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	40.1	120.2
150	162.8	0.0	347.2

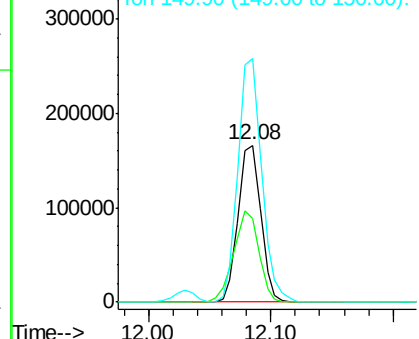
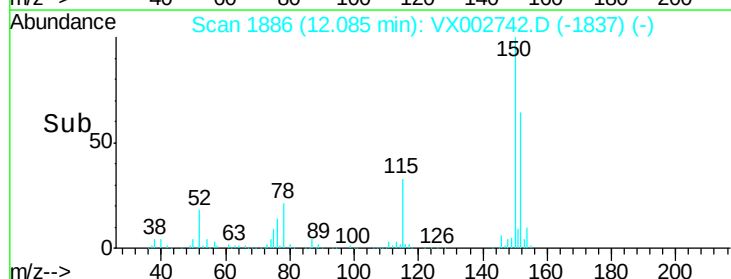


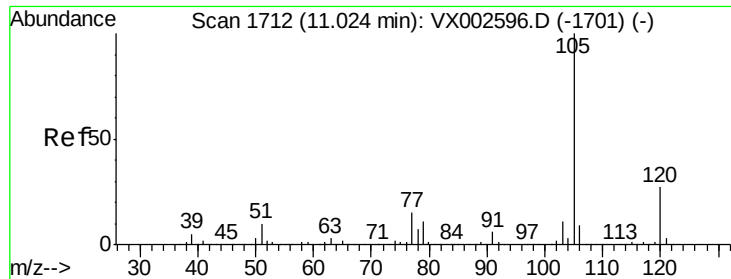
Abundance

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: 21.66 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion:105 Resp: 306758

Ion Ratio Lower Upper

105 100

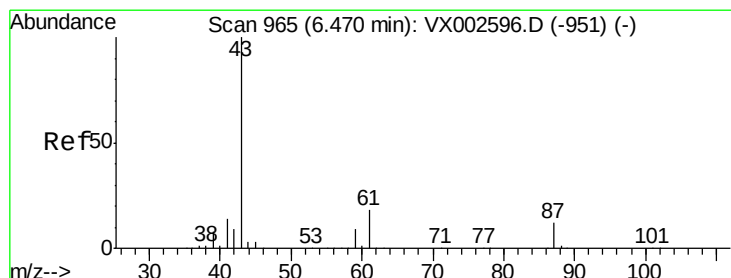
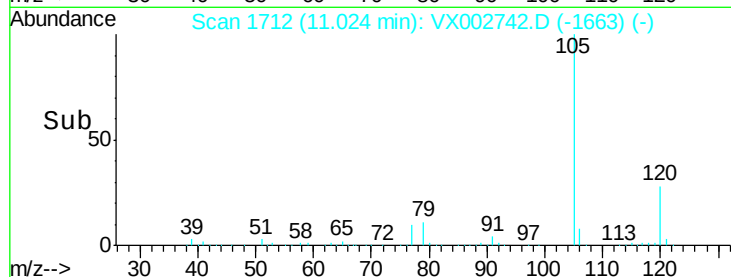
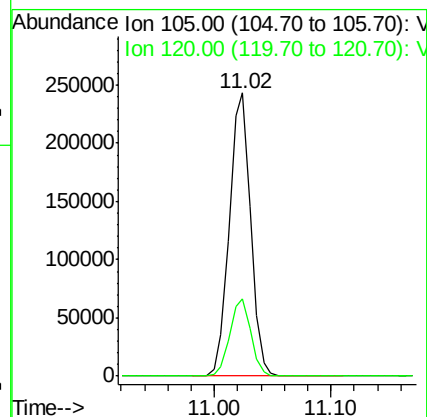
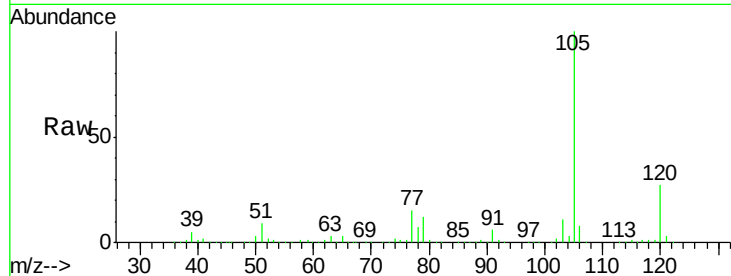
120 27.2 13.5 40.4

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#74

N-ethyl acetate

Concen: 20.98 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Tgt Ion: 43 Resp: 147598

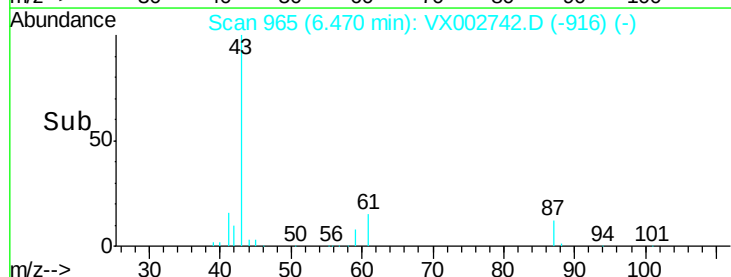
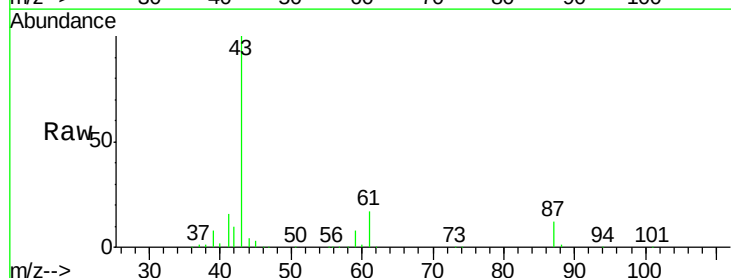
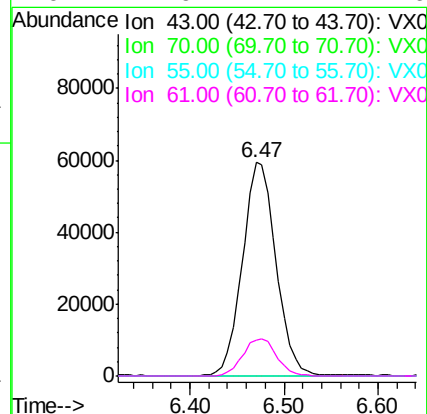
Ion Ratio Lower Upper

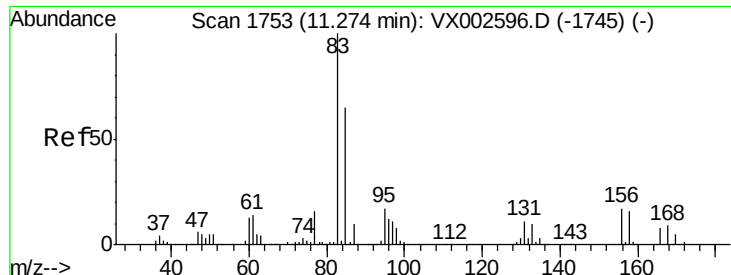
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.9 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 23.23 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

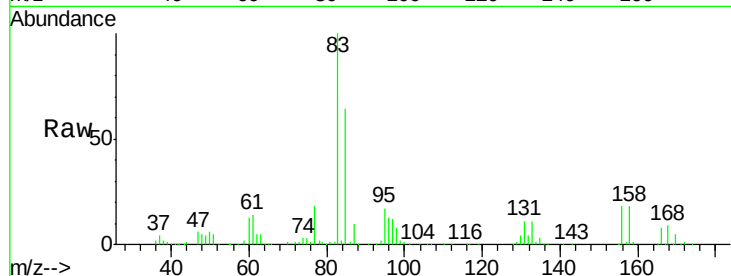
ClientSampleId :

VX0620WBSD01

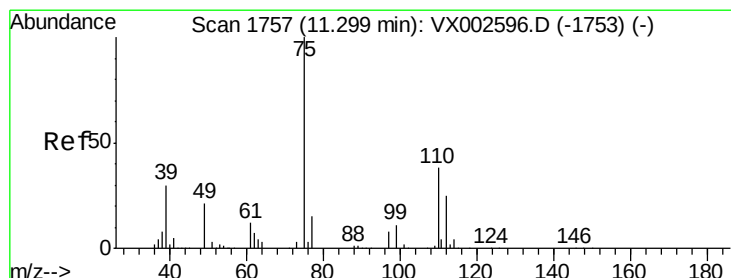
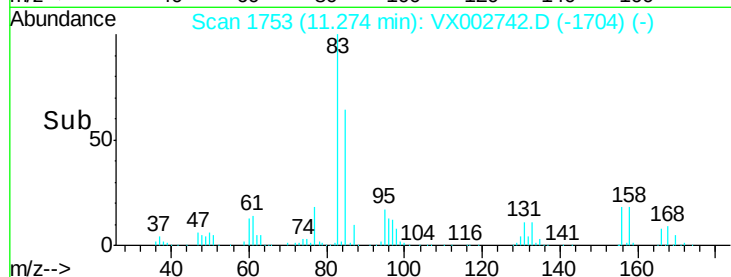
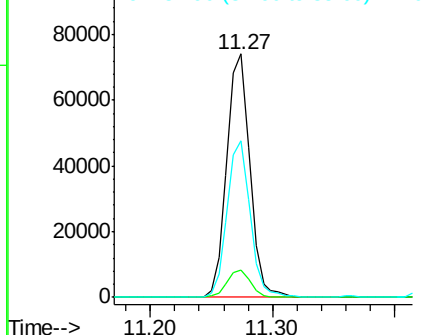
Tot Ion:	83	Resp:	97128
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.6	16.8
85	64.1	32.4	97.2

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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



#76

1,2,3-Trichloropropane

Concen: 22.98 ug/l m

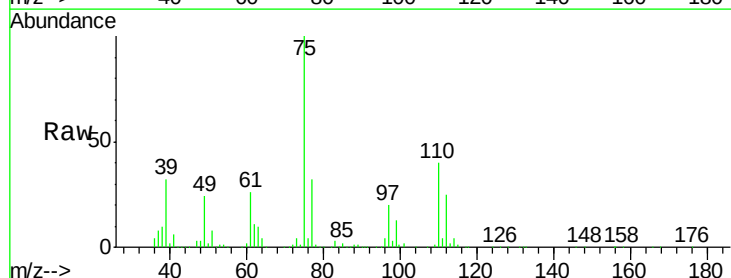
RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

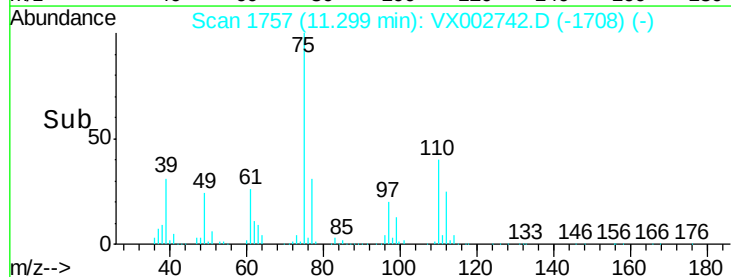
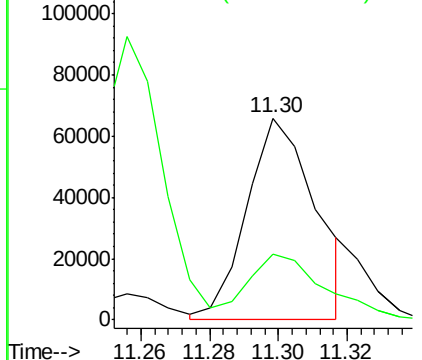
Lab File: VX002742.D

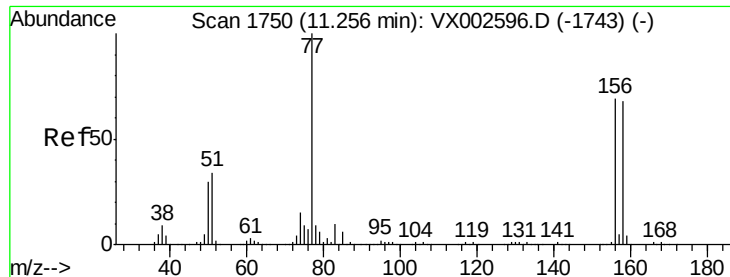
Acq: 20 Jun 2018 15:27

Tgt Ion:	75	Resp:	91821
Ion Ratio	Lower	Upper	
75	100		
77	36.8	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 22.10 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion:156 Resp: 87159

Ion Ratio Lower Upper

156 100

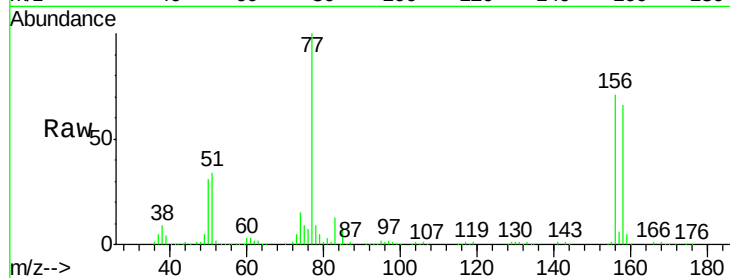
77 135.8 71.4 214.2

158 94.6 48.9 146.6

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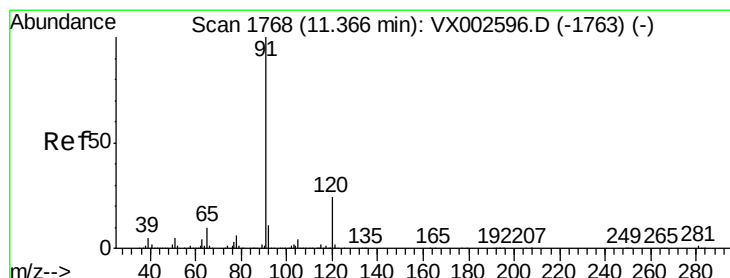
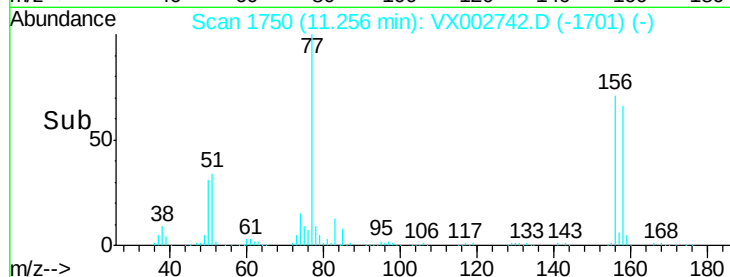
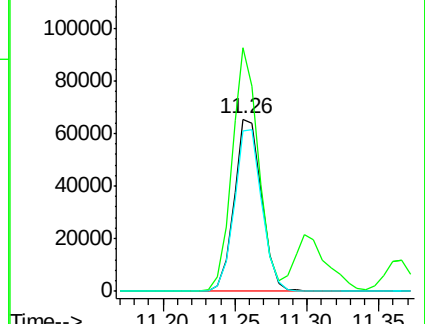
6/22/2018 8:08:33 AM



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: 21.69 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002742.D

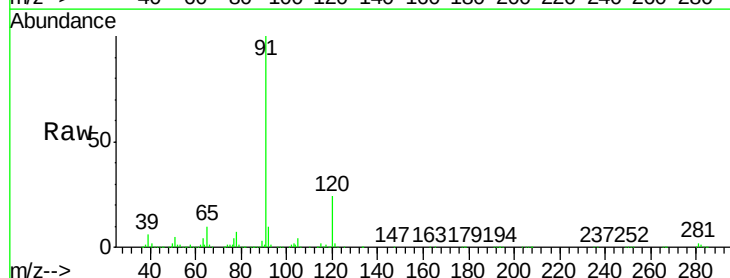
Acq: 20 Jun 2018 15:27

Tgt Ion: 91 Resp: 352196

Ion Ratio Lower Upper

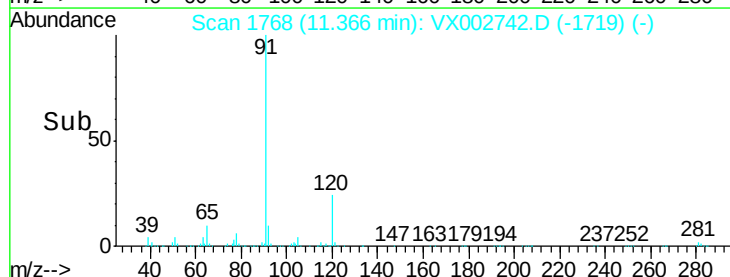
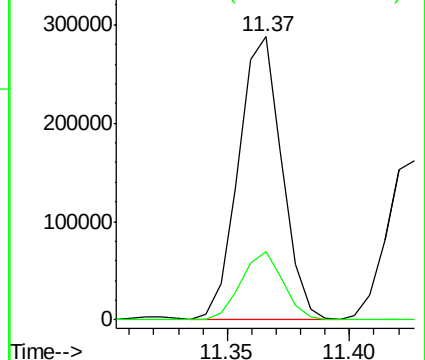
91 100

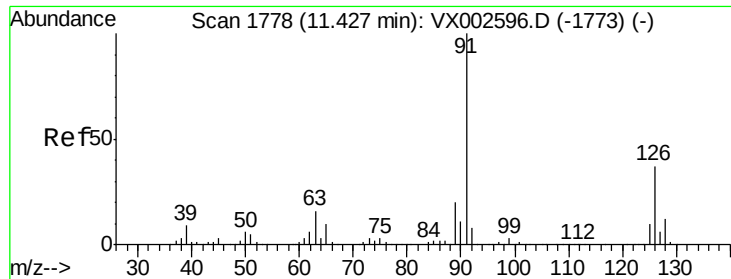
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





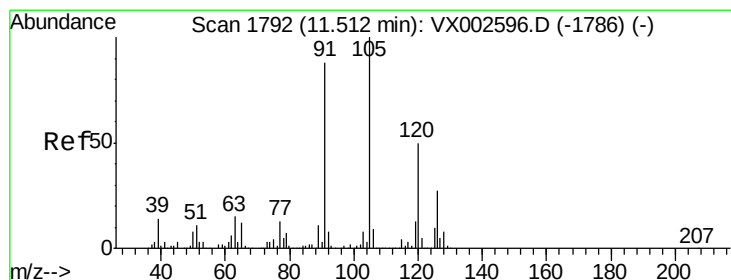
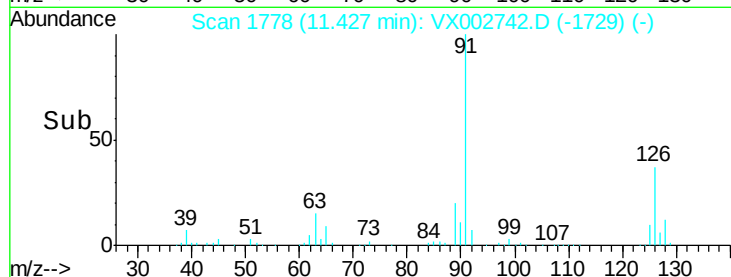
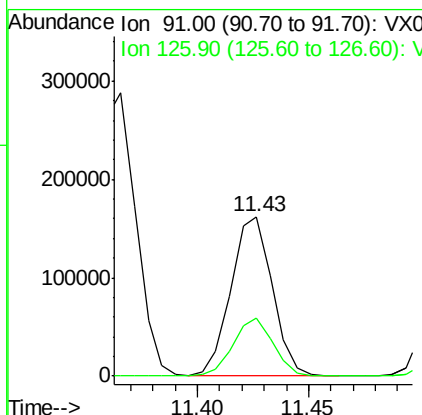
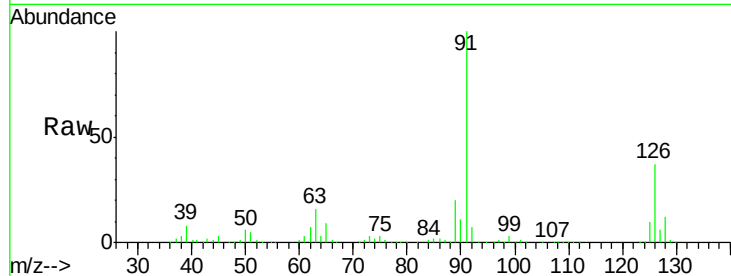
#79
2-Chlorotoluene
Concen: 21.49 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.7	53.1

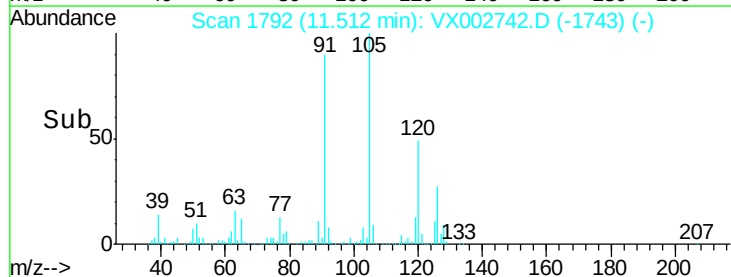
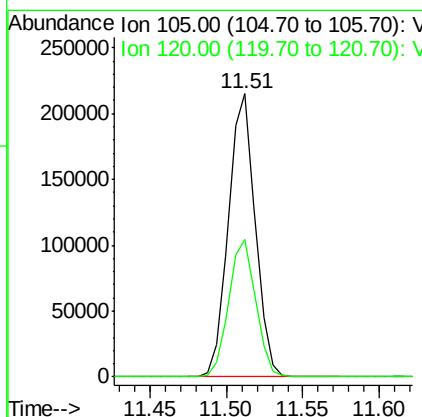
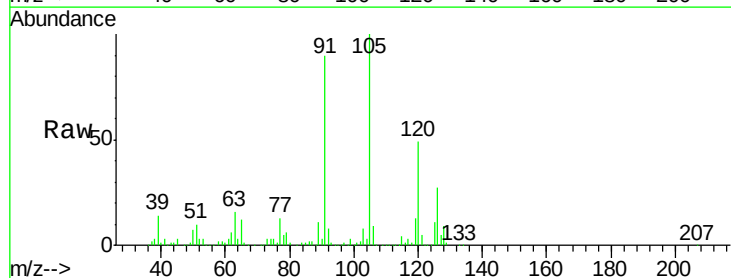
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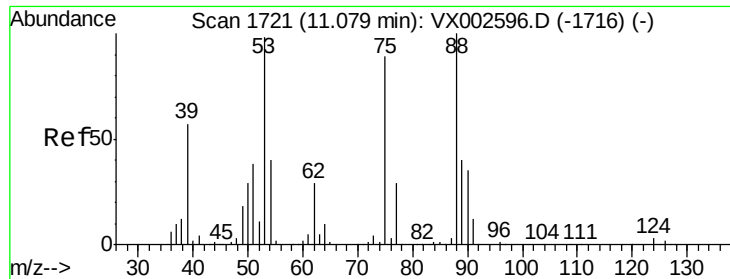
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 21.73 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.1	24.4	73.4





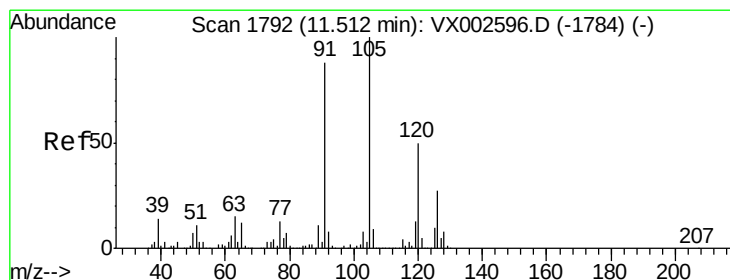
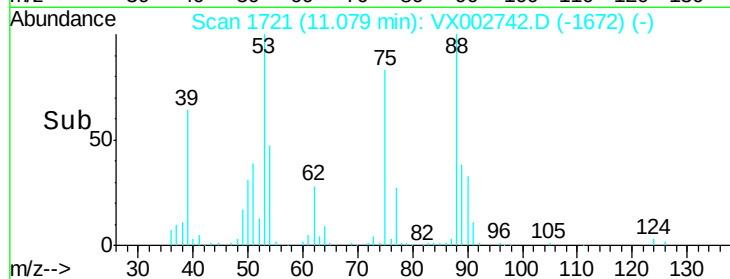
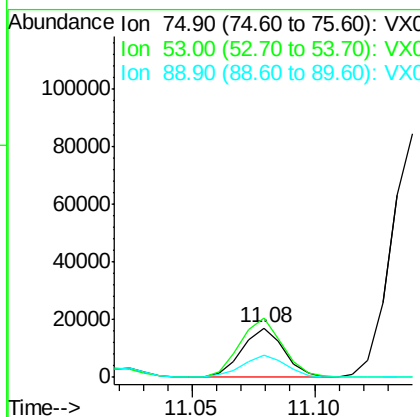
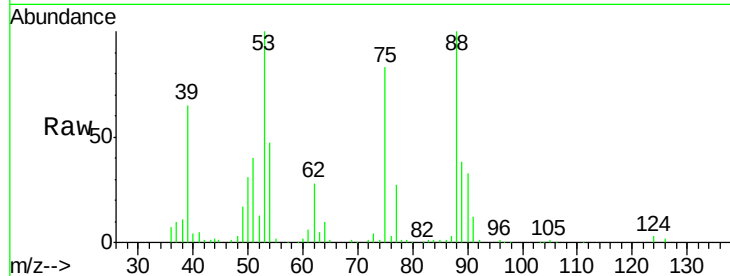
#81
trans-1,4-Dichloro-2-butene
Concen: 19.11 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	122.0	86.8	130.2
89	47.2	38.2	57.2

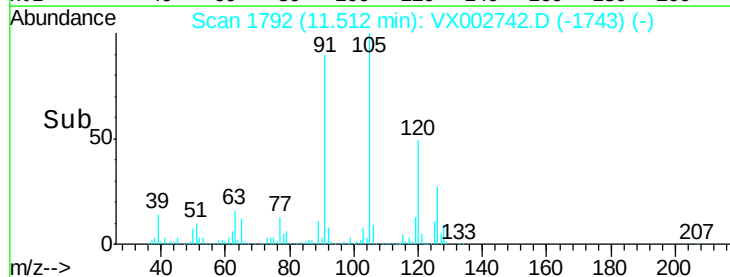
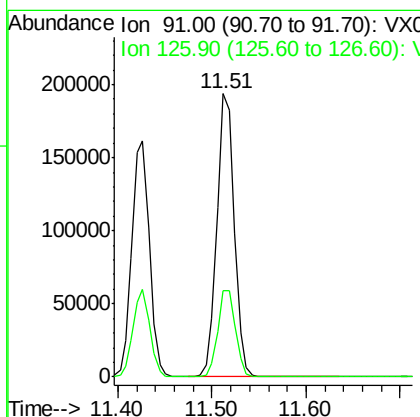
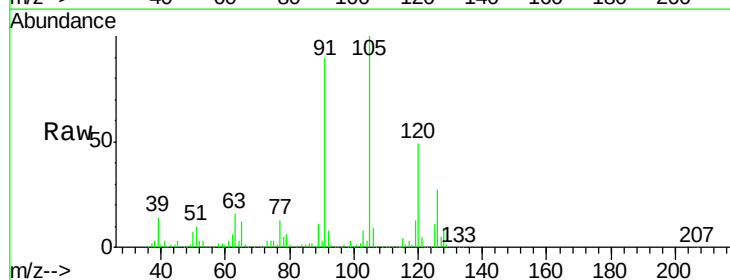
Manual Integrations
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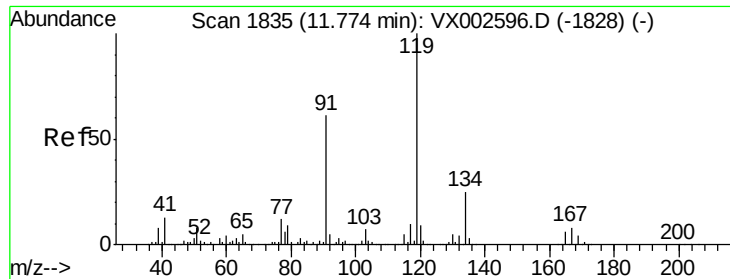
apatel
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#82
4-Chlorotoluene
Concen: 21.72 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.4	46.4





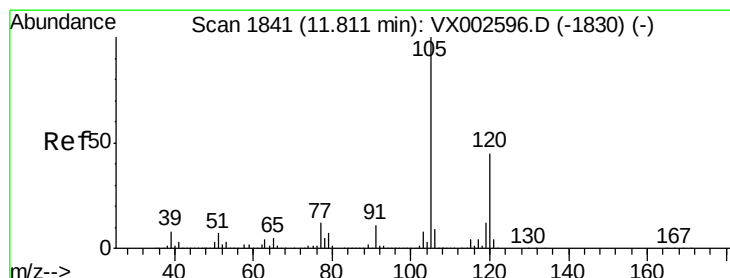
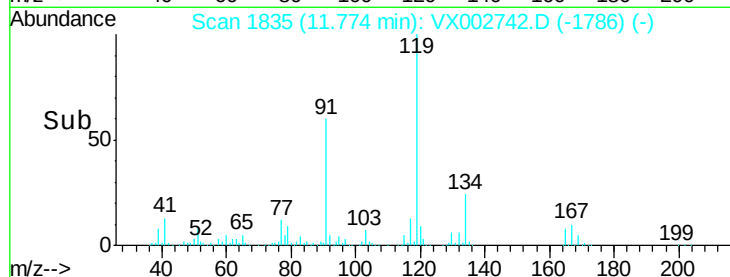
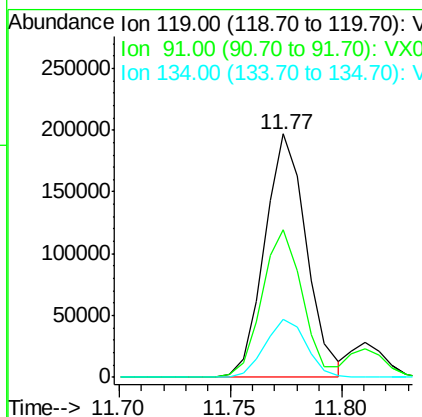
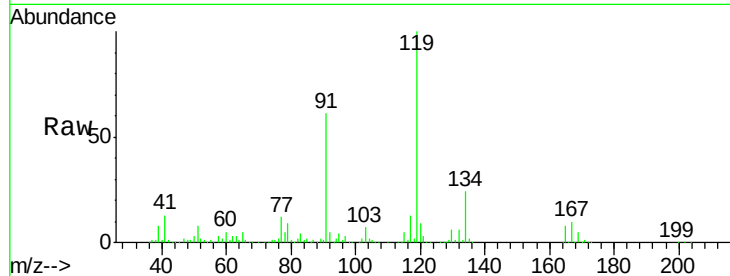
#83
 tert-Butylbenzene
 Concen: 22.16 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	255411		
91	59.3		30.3	90.9
134	23.8		11.7	35.1

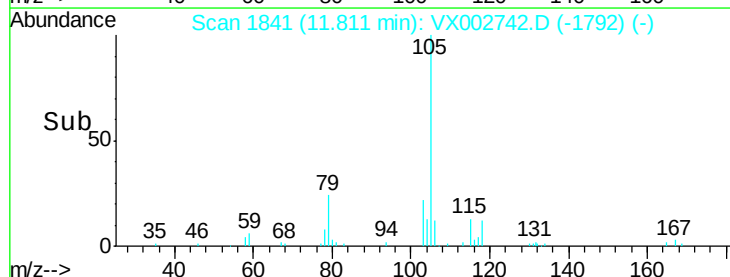
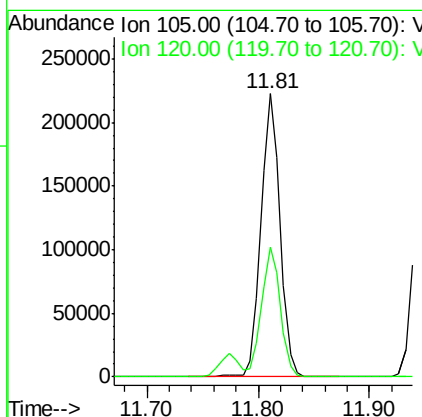
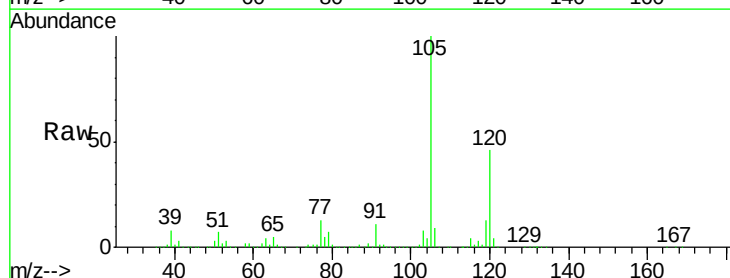
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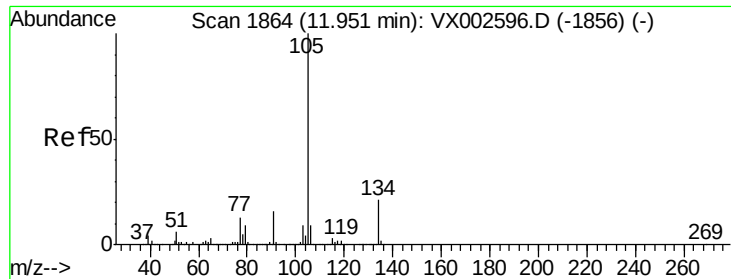
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.93 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	267736		
120	45.6		22.3	66.8





#85

sec-Butylbenzene

Concen: 21.55 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion:105 Resp: 308920

Ion Ratio Lower Upper

105 100

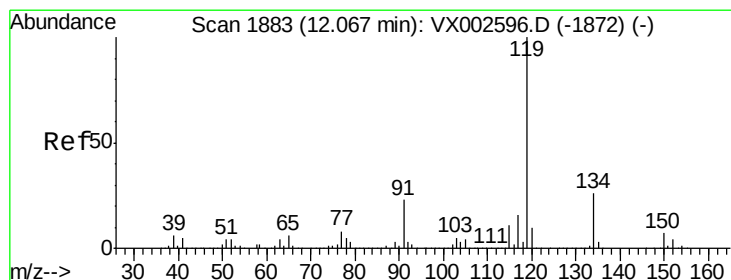
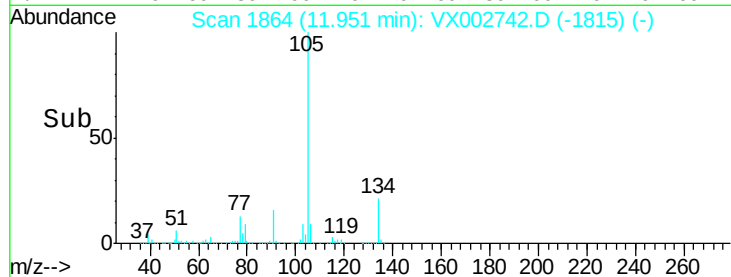
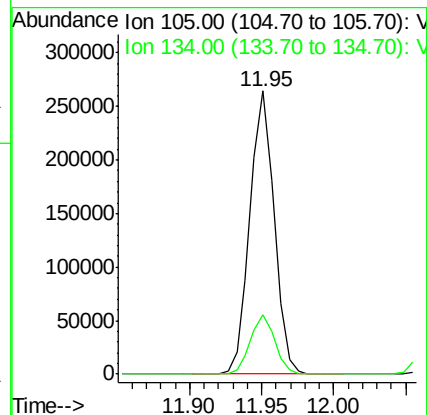
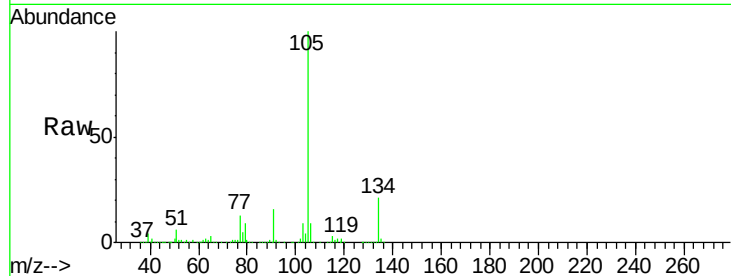
134 21.1 10.4 31.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.67 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

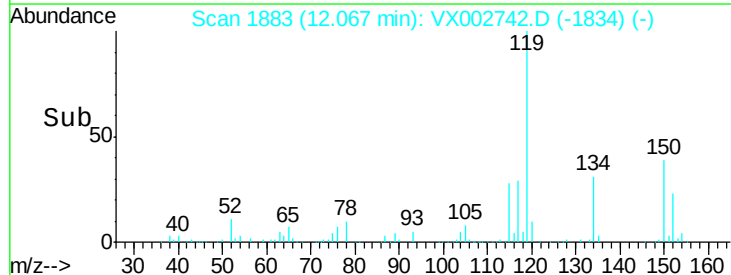
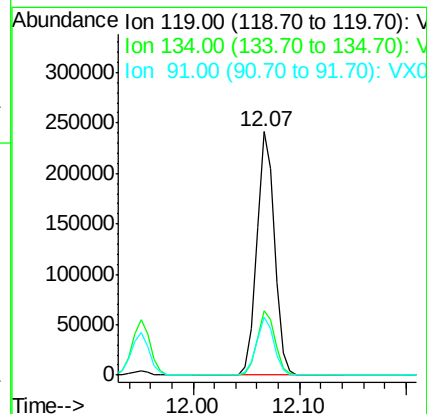
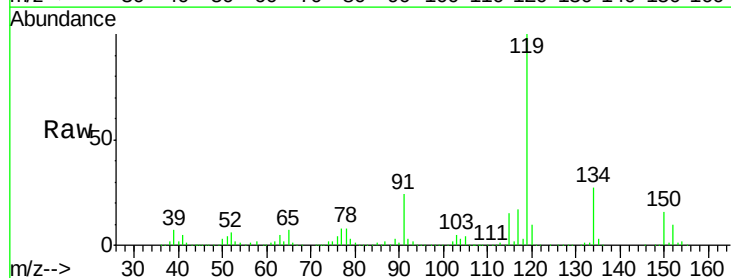
Tgt Ion:119 Resp: 280994

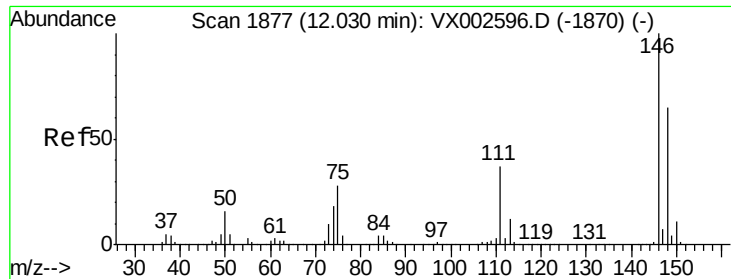
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 23.7 11.9 35.7





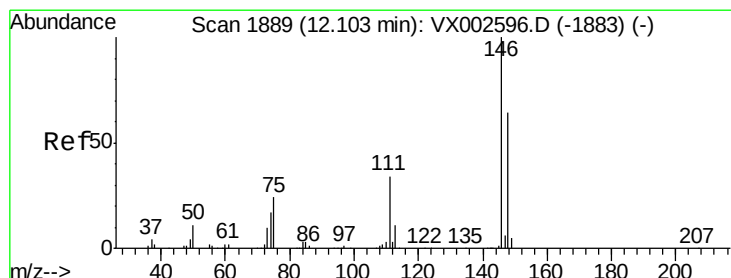
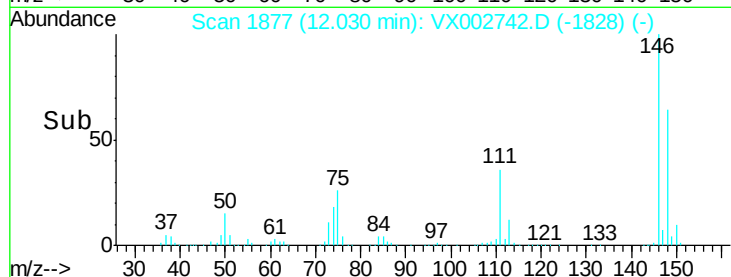
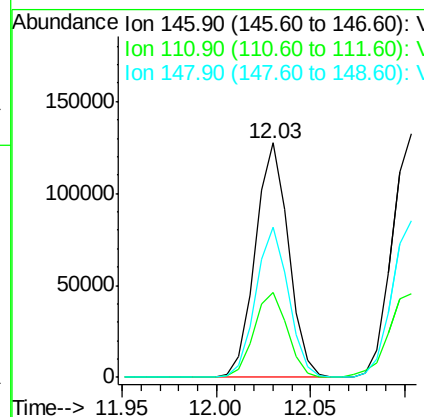
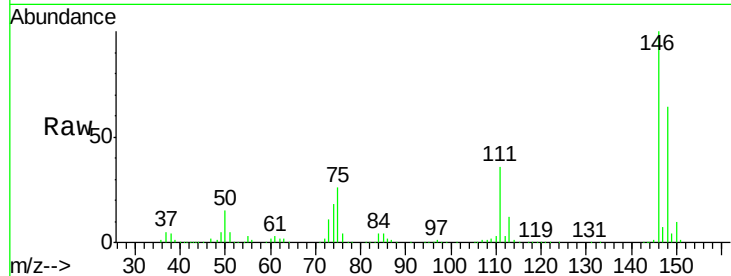
#87
 1,3-Dichlorobenzene
 Concen: 21.50 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampled :
 VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.9	56.7
148	63.1	32.1	96.3

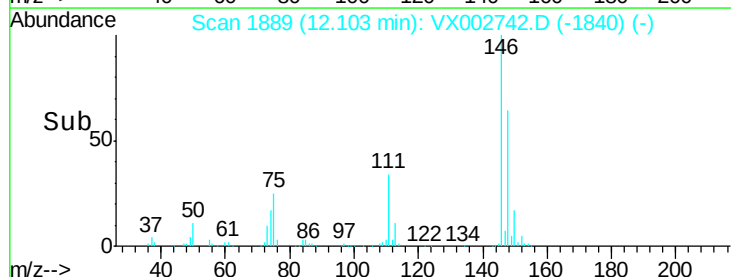
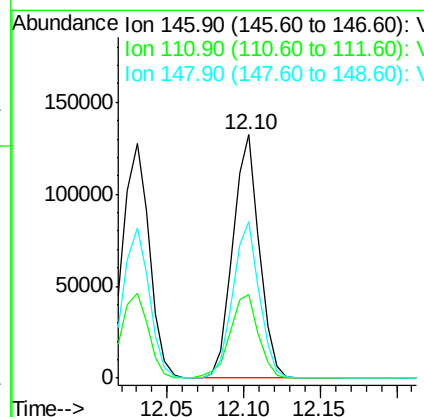
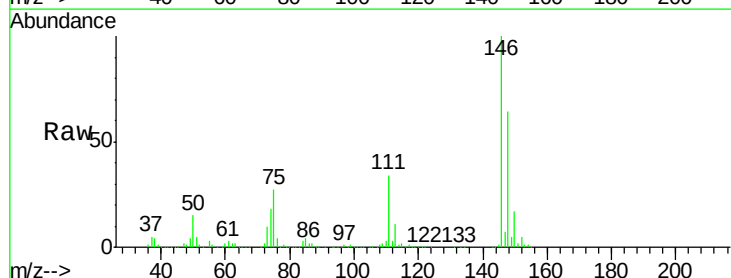
Manual Integrations
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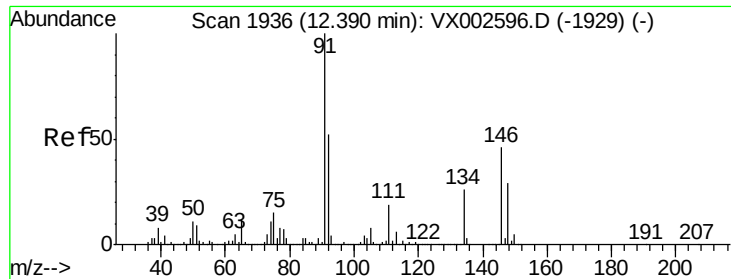
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 21.48 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	64.8	32.4	97.0





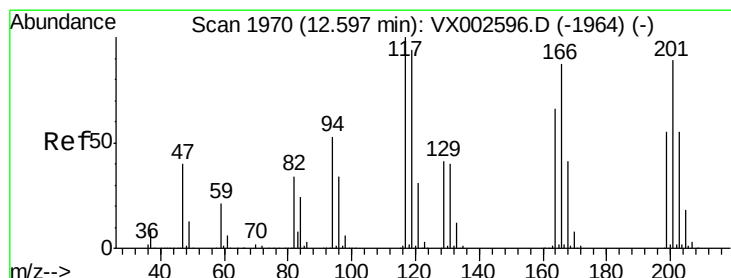
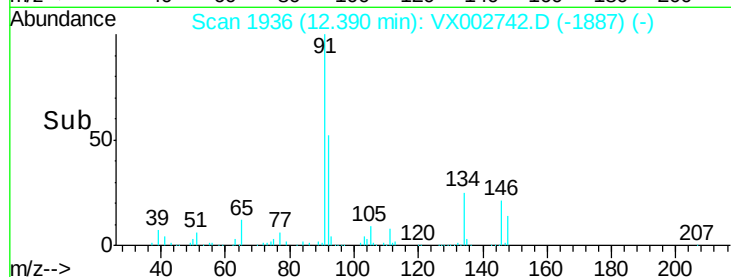
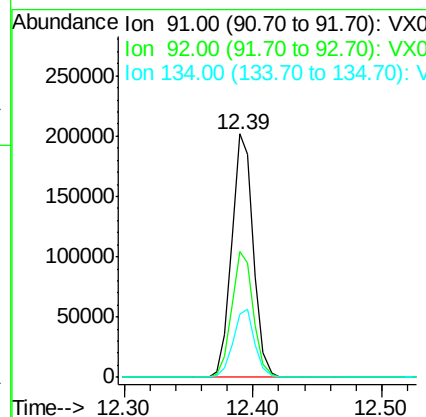
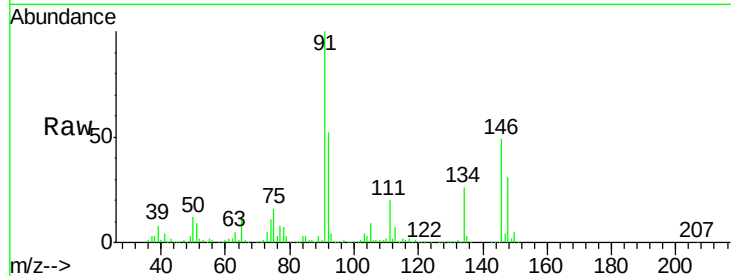
#89
n-Butylbenzene
Concen: 20.86 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.0	78.0
134	27.6	13.5	40.5

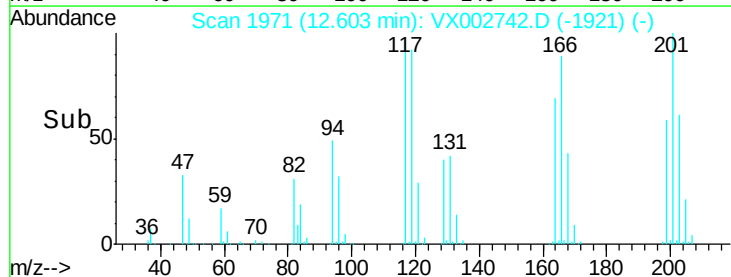
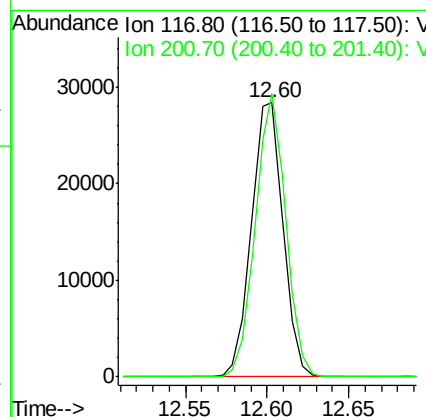
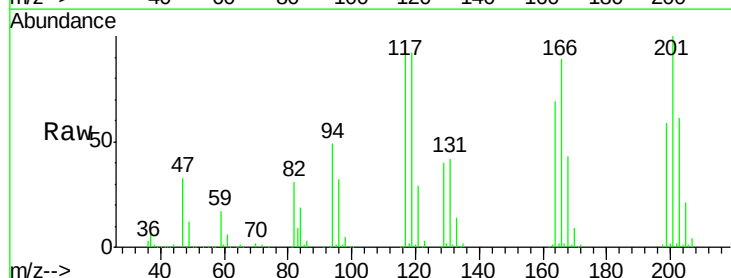
Manual Integrations
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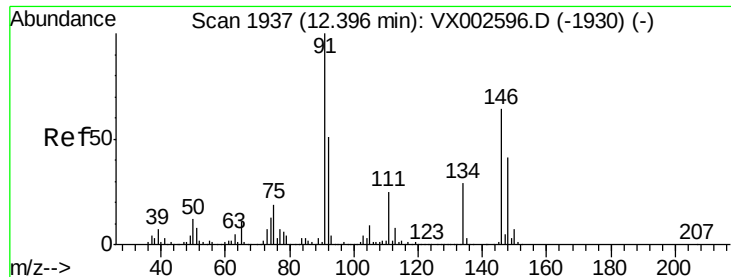
apatel
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#90
Hexachloroethane
Concen: 20.60 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.5	49.0	147.0





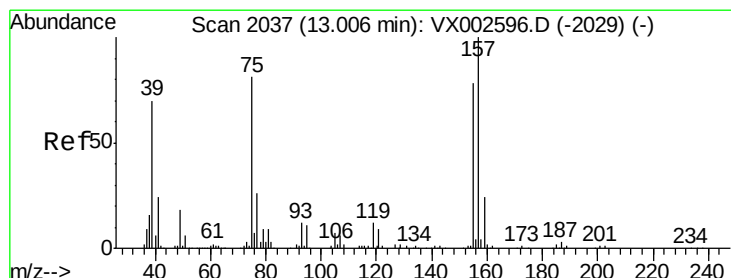
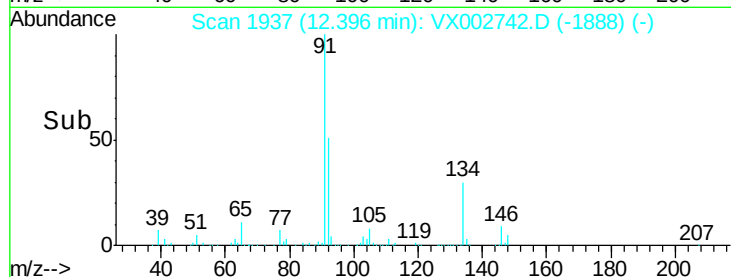
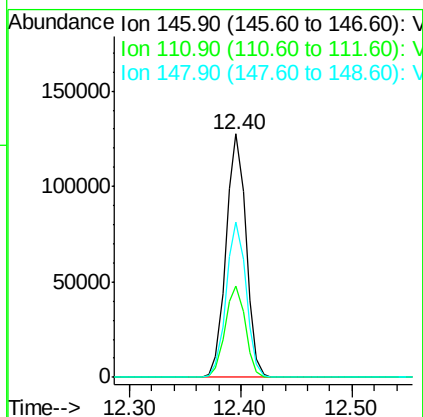
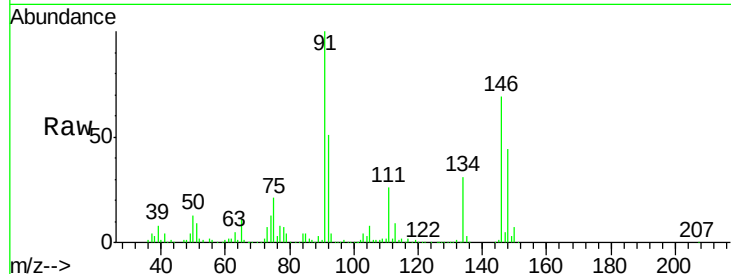
#91
1,2-Dichlorobenzene
Concen: 21.75 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampled :
VX0620WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	158383		
111	38.1	19.4	58.1	
148	63.7	31.7	95.1	

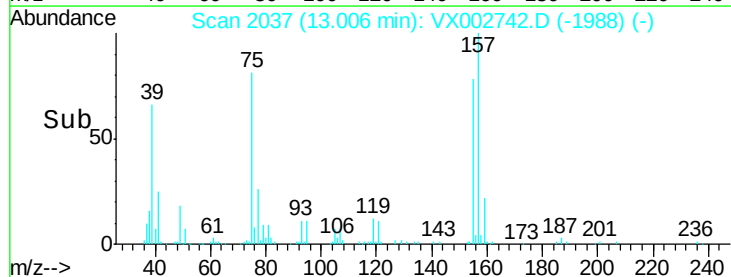
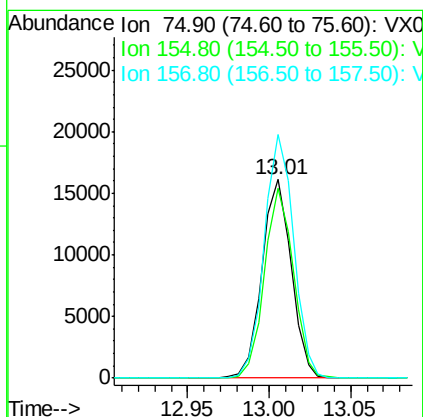
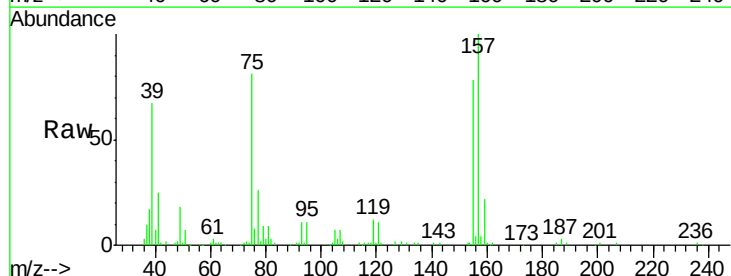
Manual Integrations
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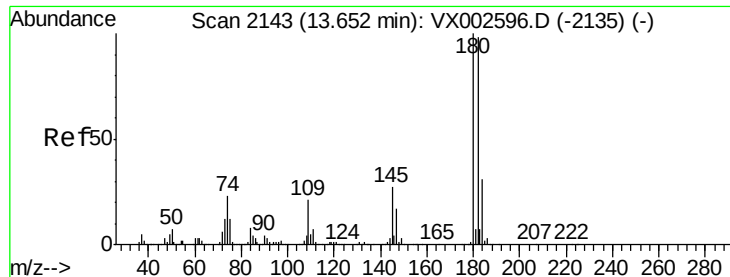
apatel
6/22/2018 8:08:33 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.91 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20069		
155	94.3	45.8	137.4	
157	122.3	60.1	180.3	





#93

1,2,4-Trichlorobenzene

Concen: 21.38 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

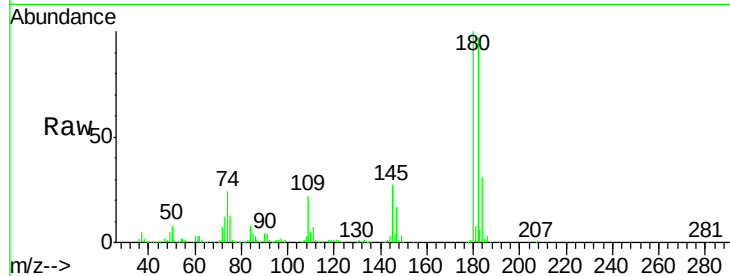
ClientSampleId :

VX0620WBSD01

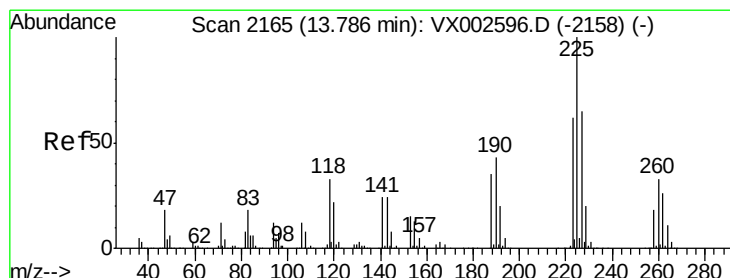
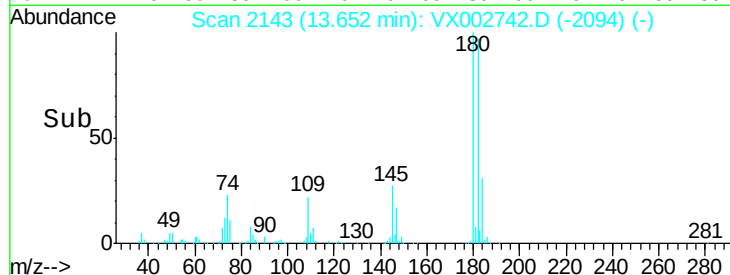
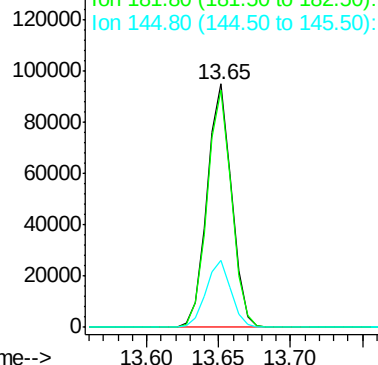
Tot Ion:	180	Resp:	112983
Ion Ratio	Lower	Upper	
180	100		
182	96.7	47.7	143.1
145	28.0	14.1	42.4

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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 21.24 ug/l

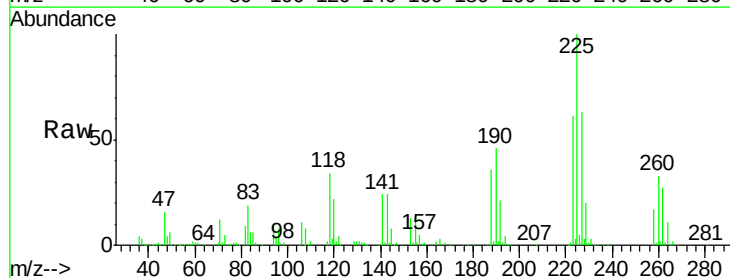
RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

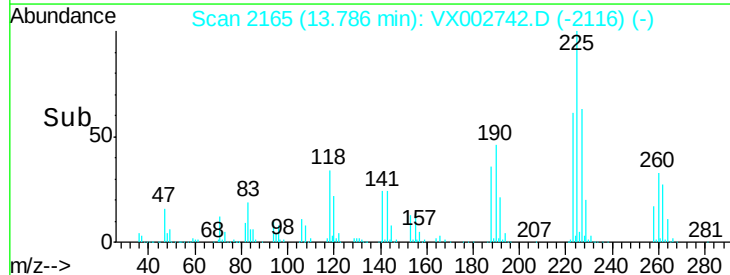
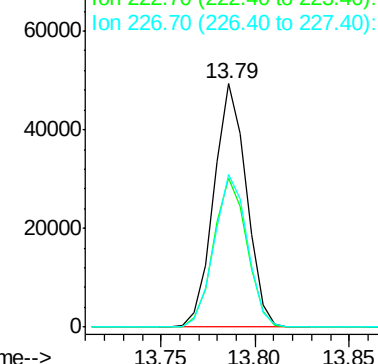
Lab File: VX002742.D

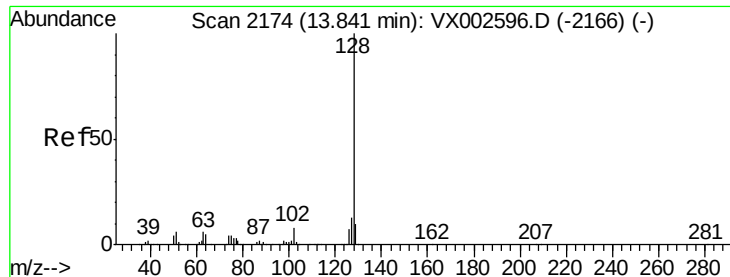
Acq: 20 Jun 2018 15:27

Tgt Ion:	225	Resp:	59121
Ion Ratio	Lower	Upper	
225	100		
223	62.5	31.6	95.0
227	63.8	32.4	97.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





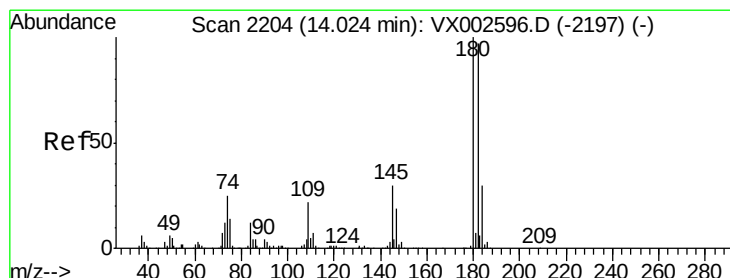
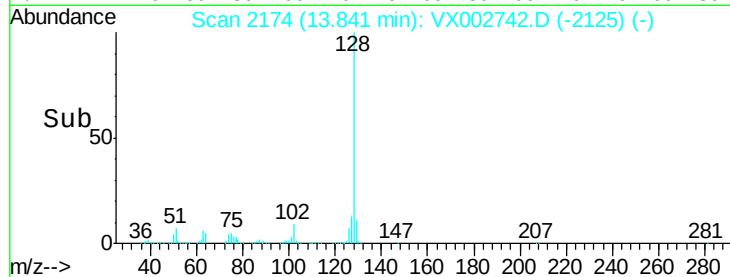
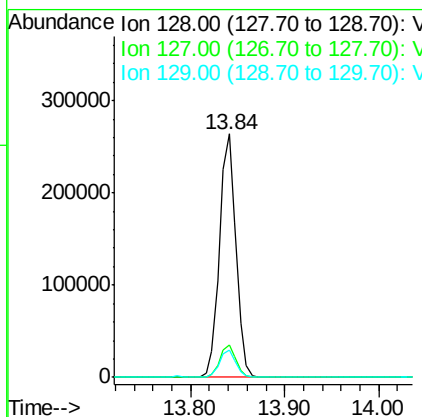
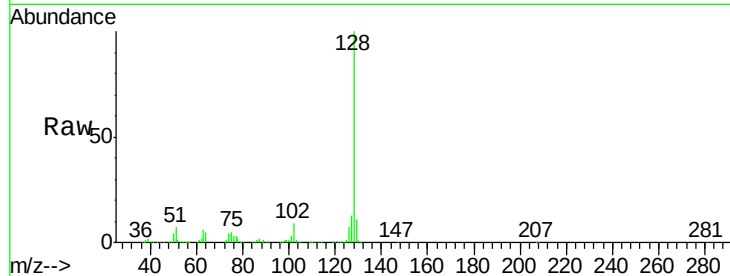
#95
Naphthalene
Concen: 22.47 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	319516		
127	13.2		10.4	15.6
129	11.1		8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.76 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	115512		
182	96.1		48.0	144.0
145	29.5		14.8	44.3

