

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051018\
 Data File : VX001605.D
 Acq On : 10 May 2018 16:47
 Operator : JC/MD
 Sample : VX0510WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

Manual Integrations
 APPROVED

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 5/11/2018 1:06:53 PM

Quant Time: May 11 07:41:45 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	301013	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	280168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	200610	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	161399	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
35) Dibromofluoromethane	5.51	113	130711	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	8.72	98	460542	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
62) 4-Bromofluorobenzene	11.14	95	172130	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	62571	19.84	ug/l	99
3) Chloromethane	1.32	50	59658	19.43	ug/l	99
4) Vinyl Chloride	1.40	62	64672	20.18	ug/l	99
5) Bromomethane	1.64	94	34955	21.89	ug/l	98
6) Chloroethane	1.72	64	42084	19.86	ug/l	98
7) Trichlorofluoromethane	1.93	101	99531	20.63	ug/l	99
8) Diethyl Ether	2.19	74	39304	20.79	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	58514	20.69	ug/l	98
10) Methyl Iodide	2.51	142	65290	16.00	ug/l	100
11) Tert butyl alcohol	3.09	59	80435	113.31	ug/l	99
12) 1,1-Dichloroethene	2.37	96	53862	20.78	ug/l	98
13) Acrolein	2.30	56	12792	83.64	ug/l	98
14) Allyl chloride	2.73	41	102506	21.21	ug/l	99
15) Acrylonitrile	3.15	53	176555	110.06	ug/l	100
16) Acetone	2.45	43	176856	115.68	ug/l	97
17) Carbon Disulfide	2.57	76	118760	18.00	ug/l	98
18) Methyl Acetate	2.78	43	97019	24.15	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	192011	21.28	ug/l	99
20) Methylene Chloride	2.86	84	62257	20.57	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	57202	19.77	ug/l	97
22) Diisopropyl ether	3.88	45	180319	19.97	ug/l	97
23) Vinyl Acetate	3.83	43	794997	105.64	ug/l	99
24) 1,1-Dichloroethane	3.70	63	109362	21.68	ug/l	100
25) 2-Butanone	4.72	43	246399	111.49	ug/l	98
26) 2,2-Dichloropropane	4.59	77	83628	21.47	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	62341	20.23	ug/l	99
28) Bromochloromethane	5.03	49	47127	21.55	ug/l	97
29) Tetrahydrofuran	5.18	42	151697	107.28	ug/l	99
30) Chloroform	5.22	83	110446	21.26	ug/l	98
31) Cyclohexane	5.58	56	84064	19.40	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	96479	21.25	ug/l	99
36) 1,1-Dichloropropene	5.80	75	75981	19.84	ug/l	99
37) Ethyl Acetate	4.87	43	90088	21.46	ug/l	100
38) Carbon Tetrachloride	5.78	117	85515	20.94	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86830	19.18	ug/l	97
40) Benzene	6.15	78	235259	21.04	ug/l	97
41) Methacrylonitrile	5.07	41	51149	21.30	ug/l	99
42) 1,2-Dichloroethane	6.20	62	92605	21.54	ug/l	100
43) Isopropyl Acetate	6.48	43	135486	21.03	ug/l	99
44) Trichloroethene	7.22	130	70943	20.75	ug/l	100
45) 1,2-Dichloropropane	7.53	63	57951	20.78	ug/l	96
46) Dibromomethane	7.67	93	41575	21.06	ug/l	99
47) Bromodichloromethane	7.90	83	76856	21.04	ug/l	98
48) Methyl methacrylate	7.79	41	73943	21.08	ug/l	100
49) 1,4-Dioxane	7.77	88	33297	439.27	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	481860	112.54	ug/l	98
52) Toluene	8.79	92	152932	20.91	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	86359	20.92	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	75853	19.23	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	62992	21.38	ug/l	98
56) Ethyl methacrylate	9.19	69	86544	20.38	ug/l	99
57) 1,3-Dichloropropane	9.38	76	103286	21.20	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	223357	107.23	ug/l	100
59) 2-Hexanone	9.51	43	365747	111.55	ug/l	99
60) Dibromochloromethane	9.59	129	61489	20.38	ug/l	98
61) 1,2-Dibromoethane	9.68	107	66247	21.42	ug/l	99
64) Tetrachloroethene	9.34	164	82045	21.01	ug/l	99
65) Chlorobenzene	10.15	112	171369	20.86	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	63639	21.65	ug/l	100
67) Ethyl Benzene	10.26	91	281533	20.90	ug/l	98
68) m/p-Xylenes	10.37	106	225195	42.32	ug/l	100
69) o-Xylene	10.71	106	109096	21.09	ug/l	99
70) Styrene	10.72	104	179644	21.38	ug/l	100
71) Bromoform	10.87	173	48608	19.54	ug/l #	100
73) Isopropylbenzene	11.02	105	293983	21.17	ug/l	100
74) N-amyl acetate	6.48	43	135486	21.48	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	88470	21.57	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	88921m	21.86	ug/l	
77) Bromobenzene	11.26	156	82874	20.53	ug/l	99
78) n-propylbenzene	11.37	91	325712	21.54	ug/l	99
79) 2-Chlorotoluene	11.43	91	197084	21.18	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	244695	21.16	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	22006	20.05	ug/l	92
82) 4-Chlorotoluene	11.52	91	228816	21.31	ug/l	99
83) tert-Butylbenzene	11.77	119	243607	21.17	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	252881	21.28	ug/l	100
85) sec-Butylbenzene	11.95	105	294299	21.31	ug/l	100
86) p-Isopropyltoluene	12.07	119	269242	21.25	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	149156	20.67	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	151922	20.64	ug/l	99
89) n-Butylbenzene	12.40	91	212872	20.28	ug/l	99
90) Hexachloroethane	12.60	117	39555	20.74	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	153692	20.93	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20305	22.53	ug/l	97

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ClientSampleId :
VX0510WBSD01

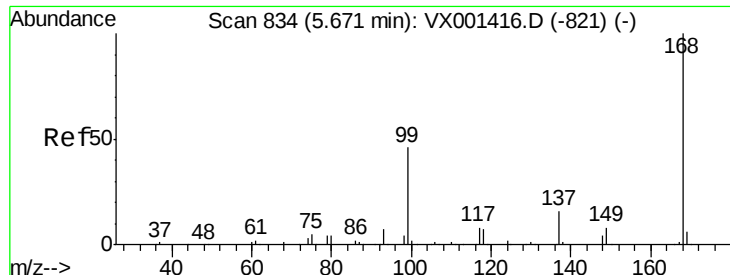
Manual Integrations
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5/11/2018 1:06:53 PM

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Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	108161	20.13	ug/l	99
94) Hexachlorobutadiene	13.79	225	60612	20.62	ug/l	99
95) Naphthalene	13.84	128	316210	21.28	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	114571	20.78	ug/l	99

(#) = 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: VX001605.D

Acq: 10 May 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

Tot Ion:168 Resp: 234253

Ion Ratio Lower Upper

168 100

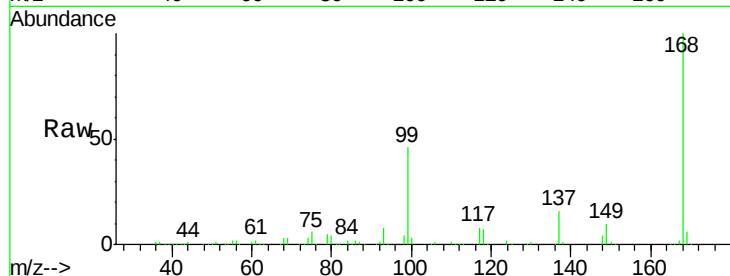
99 46.0 36.6 54.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

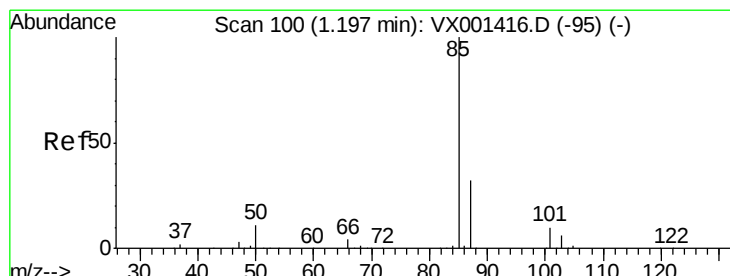
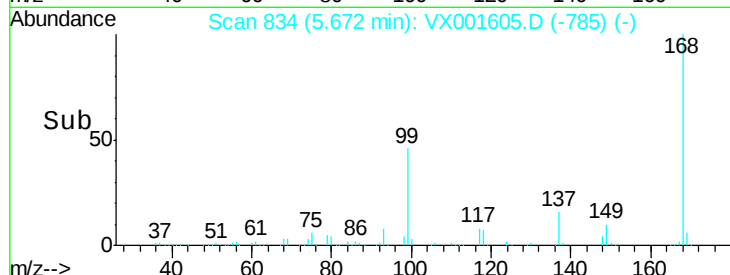
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.84 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001605.D

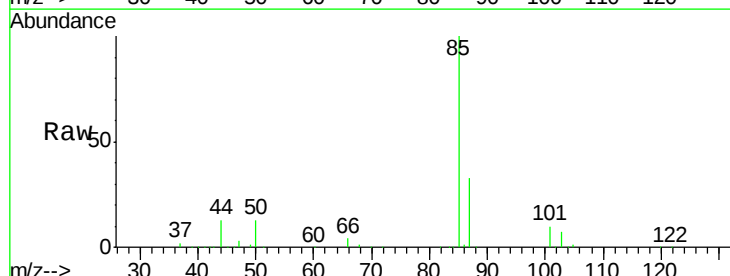
Acq: 10 May 2018 16:47

Tgt Ion: 85 Resp: 62571

Ion Ratio Lower Upper

85 100

87 32.9 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

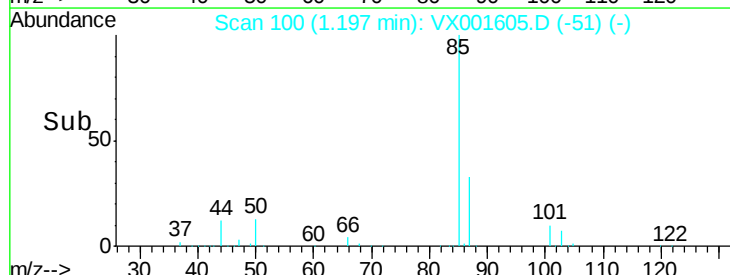
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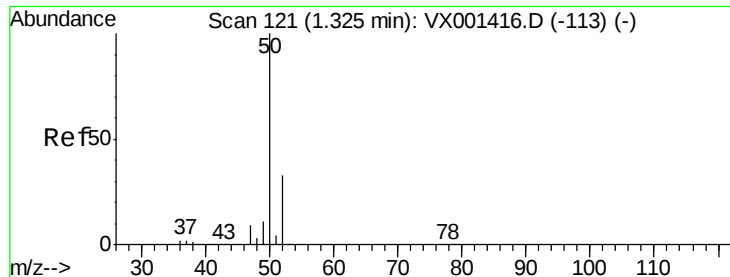
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.43 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

Tot Ion: 50 Resp: 59658

Ion Ratio Lower Upper

50 100

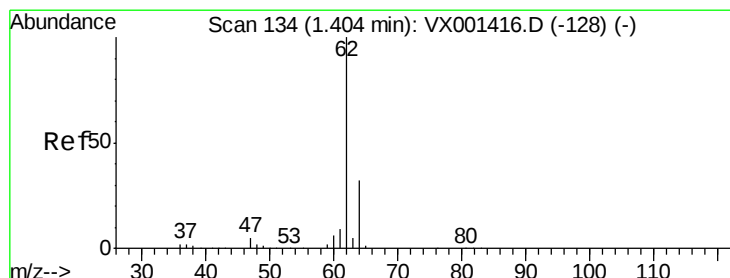
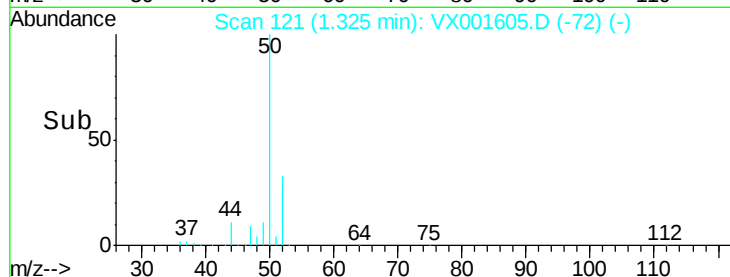
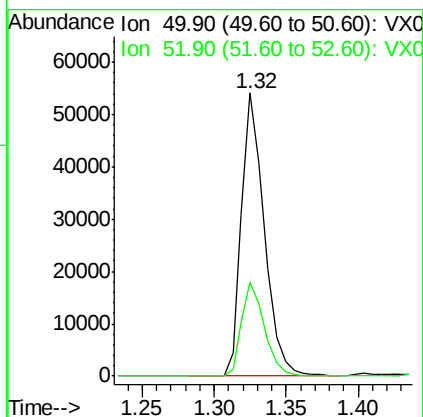
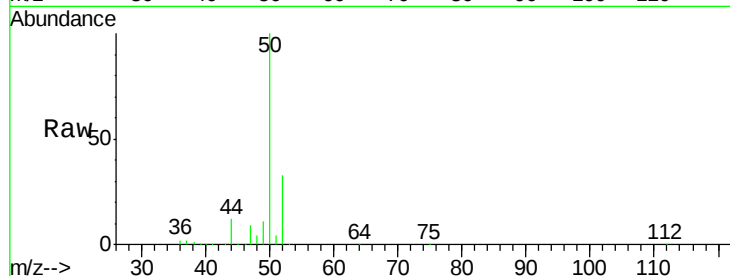
52 33.1 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.18 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001605.D

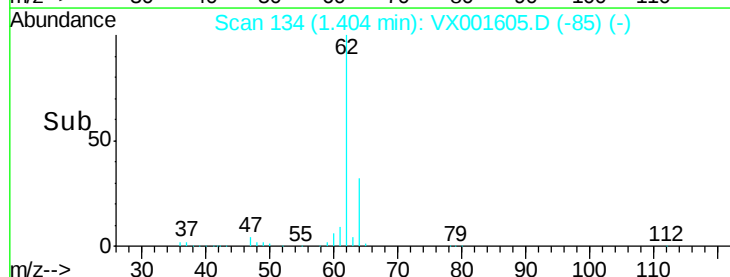
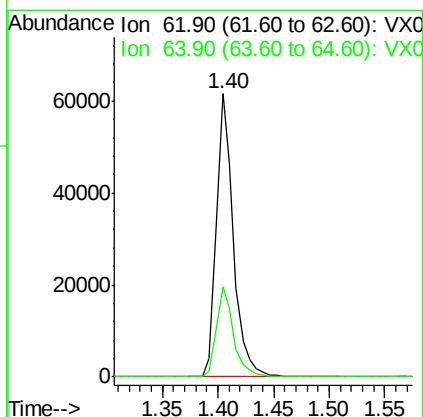
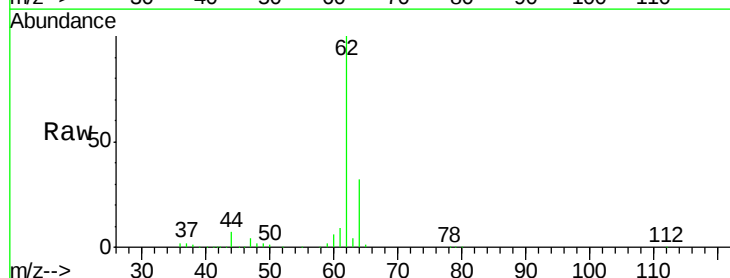
Acq: 10 May 2018 16:47

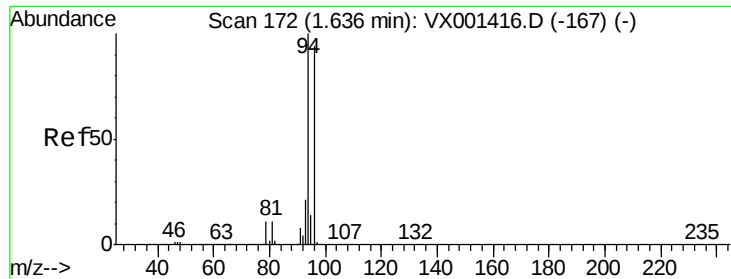
Tgt Ion: 62 Resp: 64672

Ion Ratio Lower Upper

62 100

64 31.6 25.8 38.6





#5

Bromomethane

Concen: 21.89 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

Tot Ion: 94 Resp: 34955

Ion Ratio Lower Upper

94 100

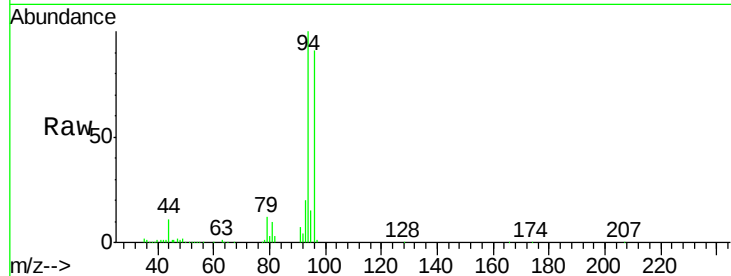
96 91.6 75.0 112.6

Manual Integrations

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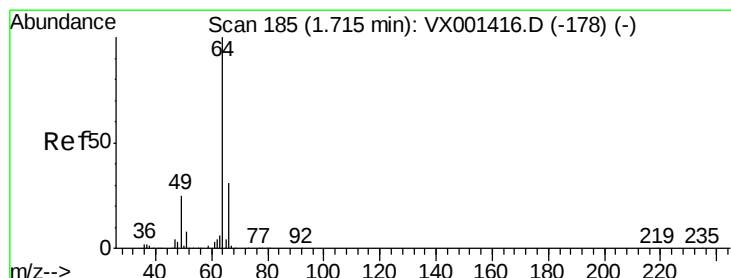
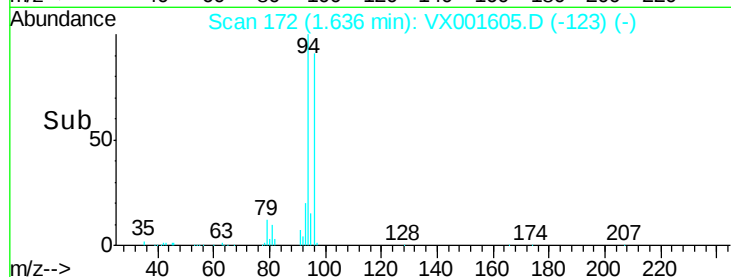
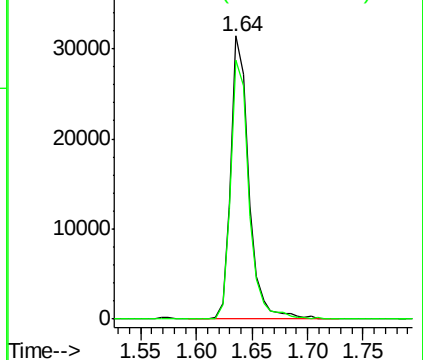
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.86 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001605.D

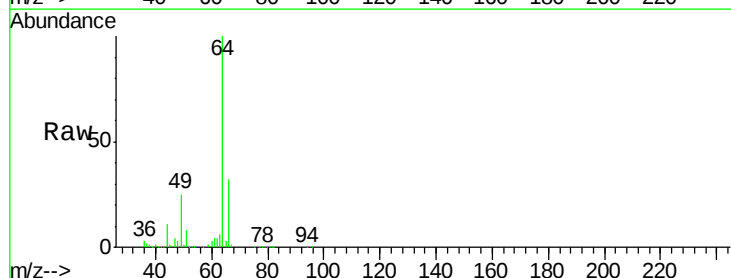
Acq: 10 May 2018 16:47

Tgt Ion: 64 Resp: 42084

Ion Ratio Lower Upper

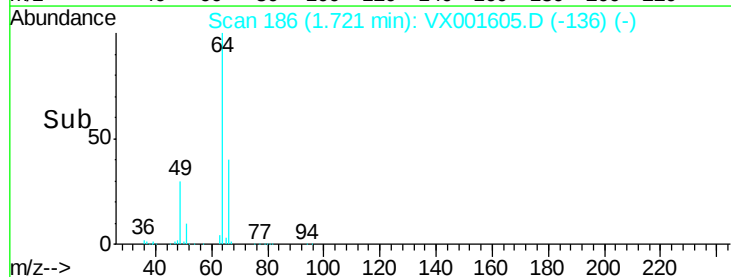
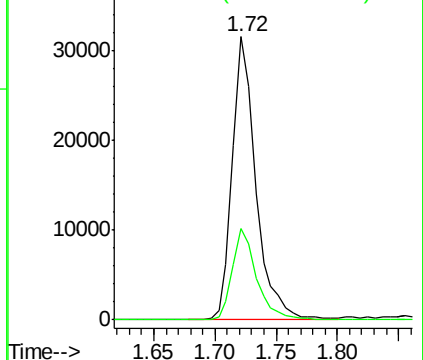
64 100

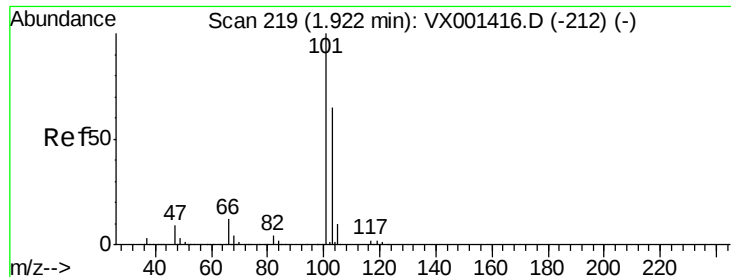
66 32.5 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

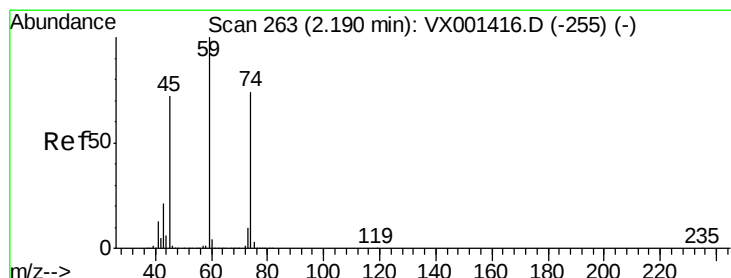
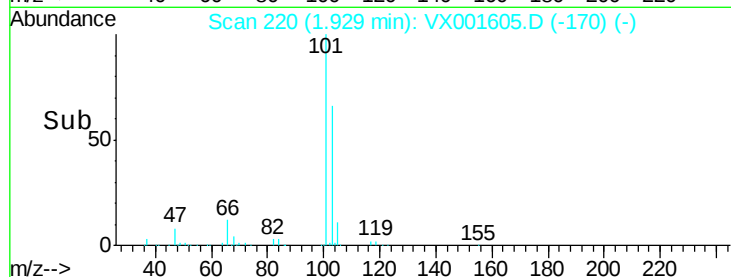
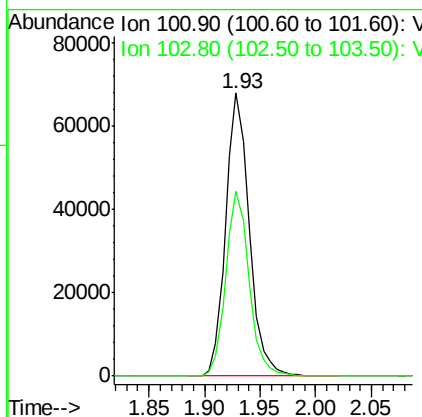
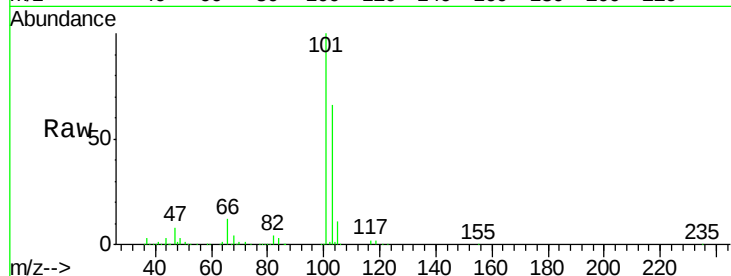
Trichlorofluoromethane
 Concen: 20.63 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX001605.D
 Acq: 10 May 2018 16:47

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	99531		
103	65.5	52.0	78.0	

Manual Integrations
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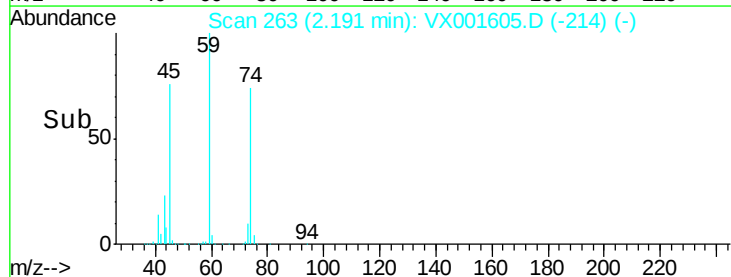
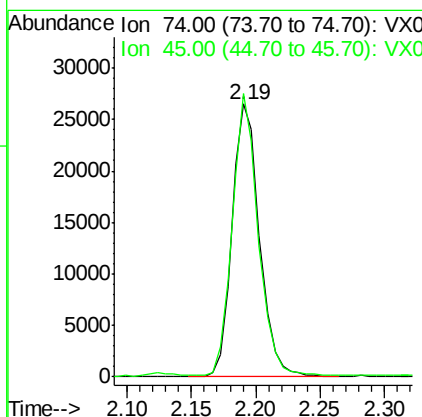
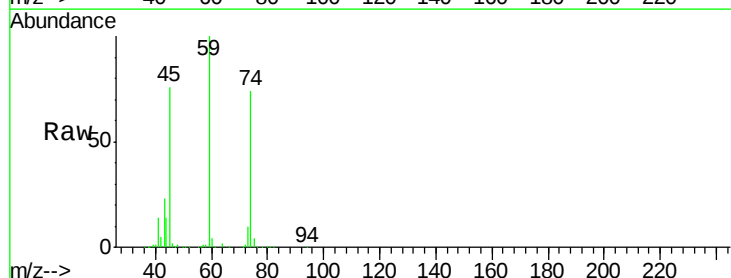
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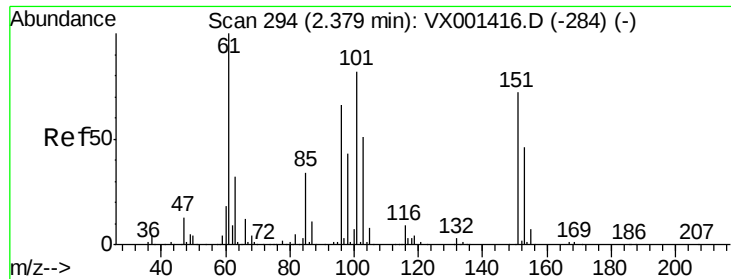


#8

Diethyl Ether
 Concen: 20.79 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001605.D
 Acq: 10 May 2018 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	39304		
45	97.8	47.9	143.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.69 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Instrument :

MSVOA_X

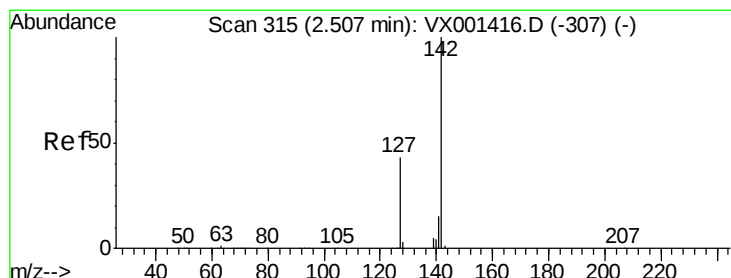
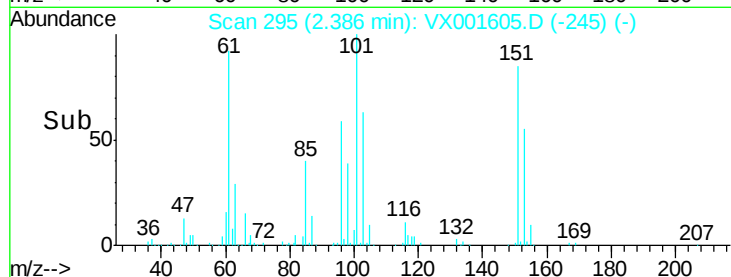
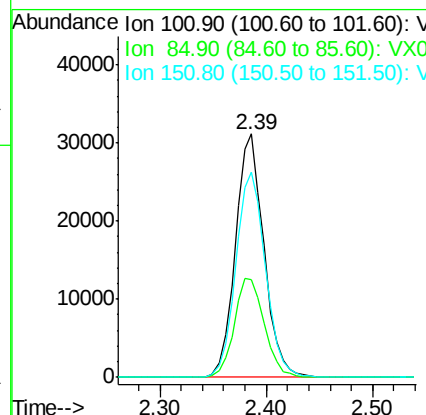
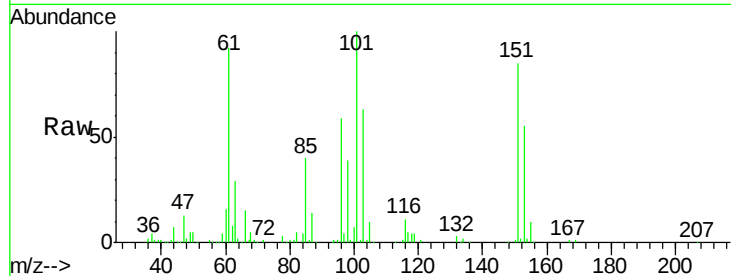
ClientSampleId :

VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.9	33.7	50.5
151	87.6	72.3	108.5

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#10

Methyl Iodide

Concen: 16.00 ug/l

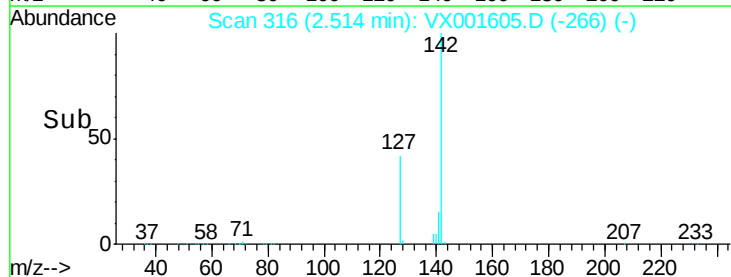
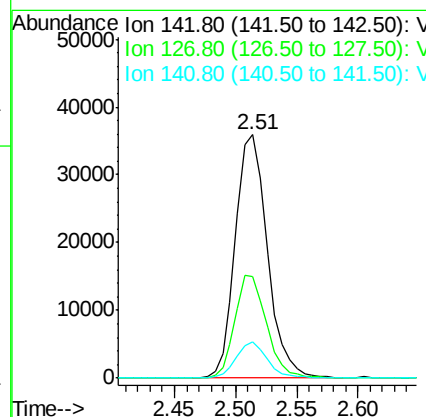
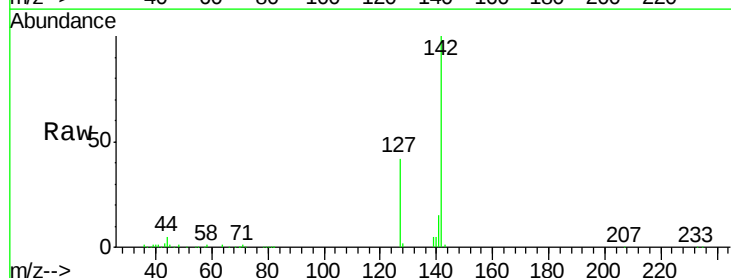
RT: 2.51 min Scan# 316

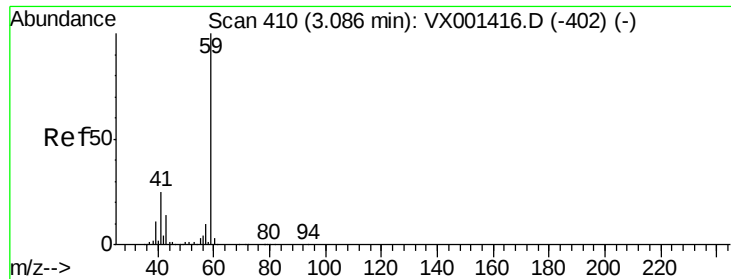
Delta R.T. 0.01 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.7	33.6	50.4
141	14.4	11.4	17.2





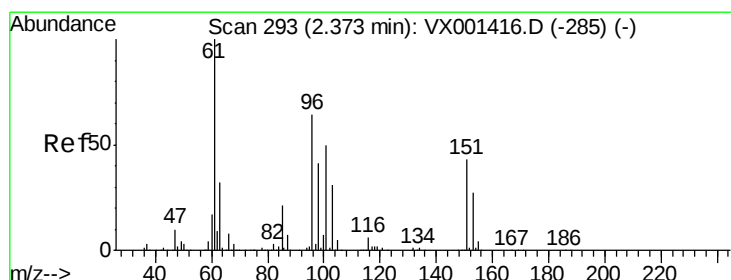
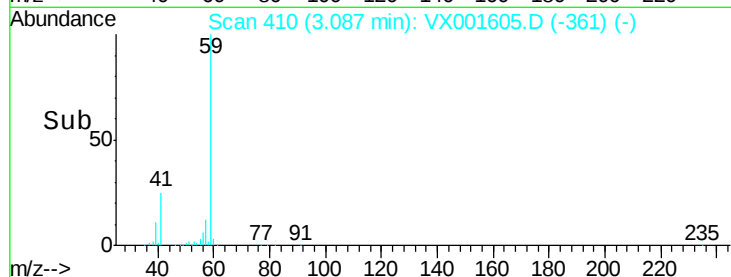
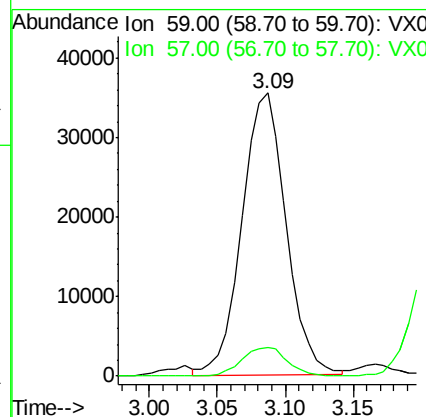
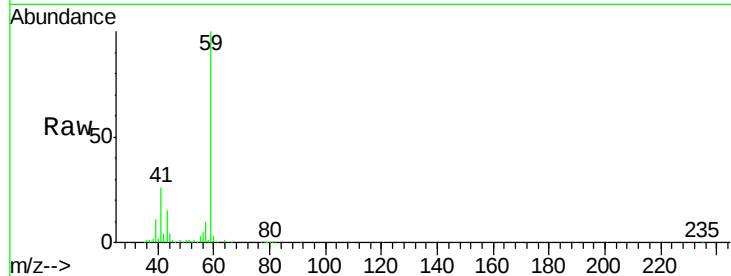
#11
Tert butyl alcohol
Concen: 113.31 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion	59	Resp	80435
Ion Ratio	100	Lower	Upper
57	10.8	8.2	12.4

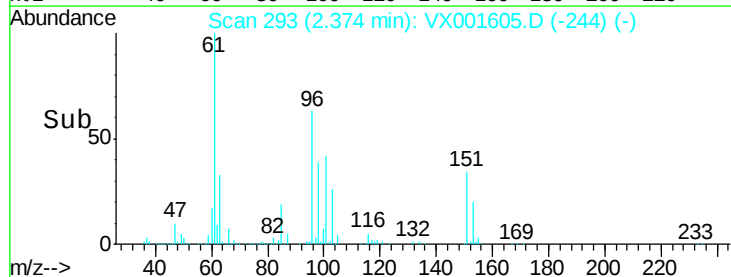
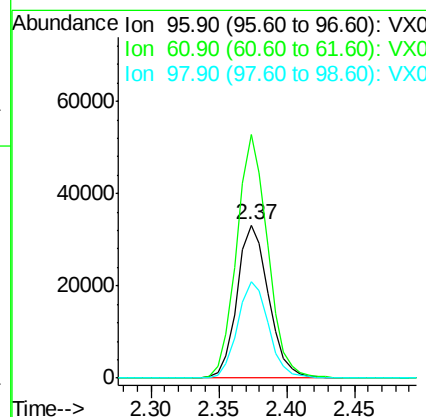
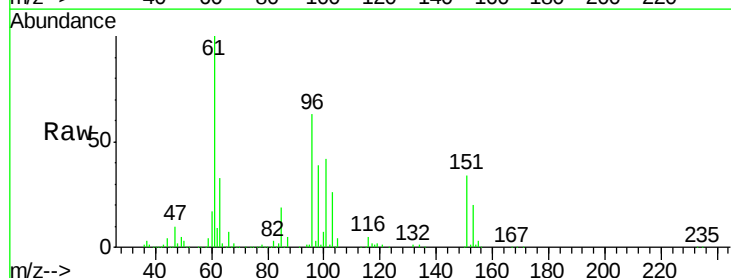
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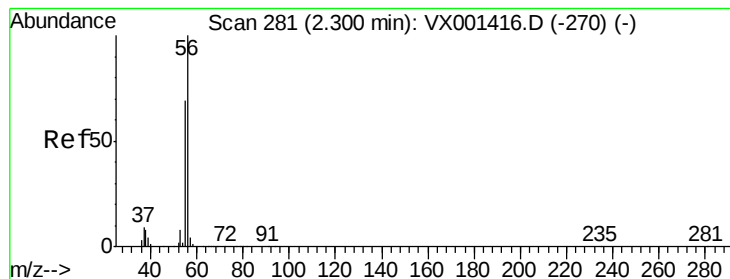
apatel
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#12
1,1-Dichloroethene
Concen: 20.78 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Tgt Ion	96	Resp	53862
Ion Ratio	100	Lower	Upper
61	159.2	125.7	188.5
98	62.8	52.0	78.0





#13

Acrolein

Concen: 83.64 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

Tot Ion: 56 Resp: 12792

Ion Ratio Lower Upper

56 100

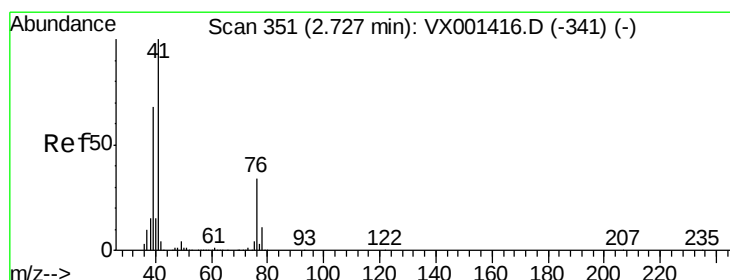
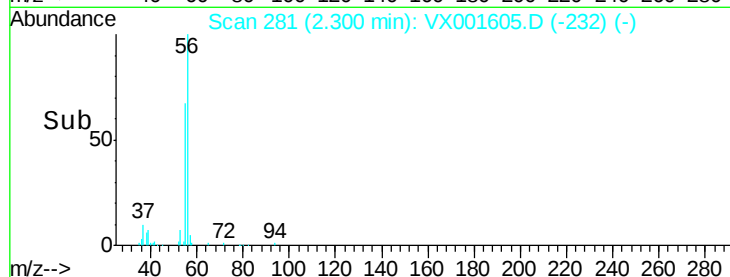
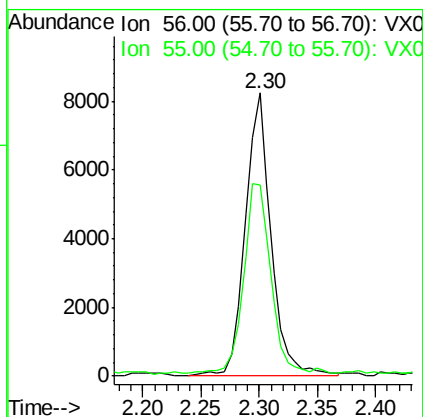
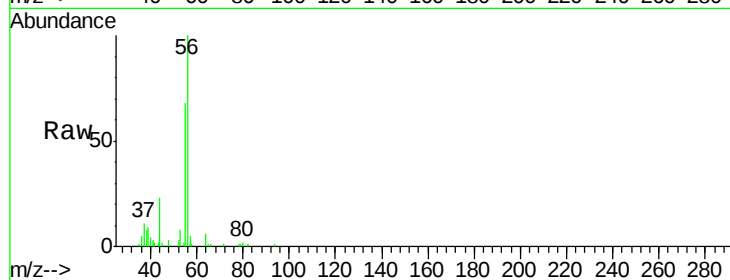
55 70.1 54.5 81.7

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#14

Allyl chloride

Concen: 21.21 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

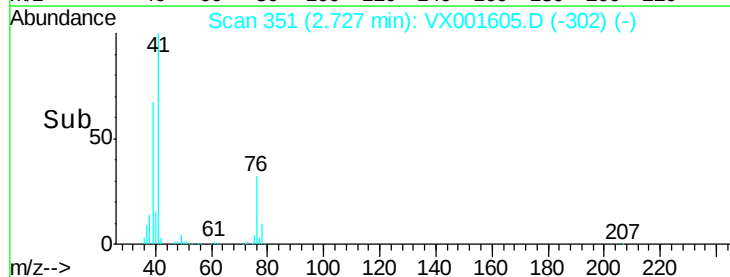
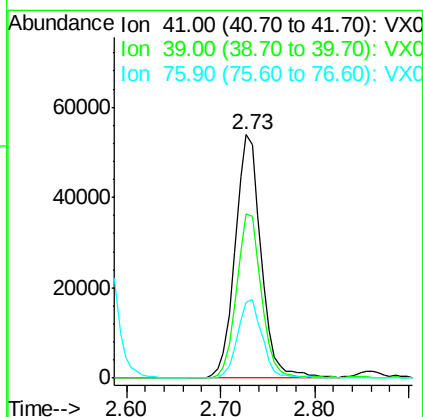
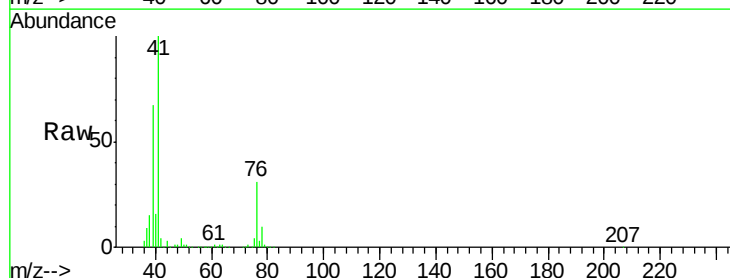
Tgt Ion: 41 Resp: 102506

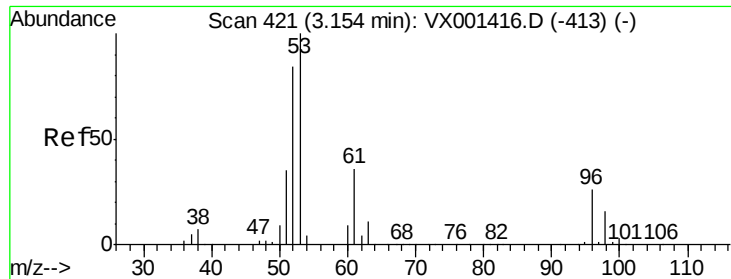
Ion Ratio Lower Upper

41 100

39 64.7 52.4 78.6

76 30.8 25.8 38.6





#15

Acrylonitrile

Concen: 110.06 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Instrument :

MSVOA_X

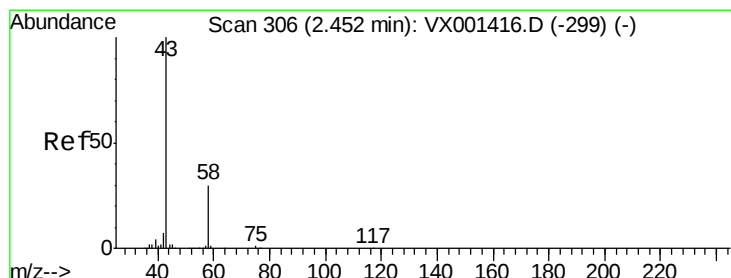
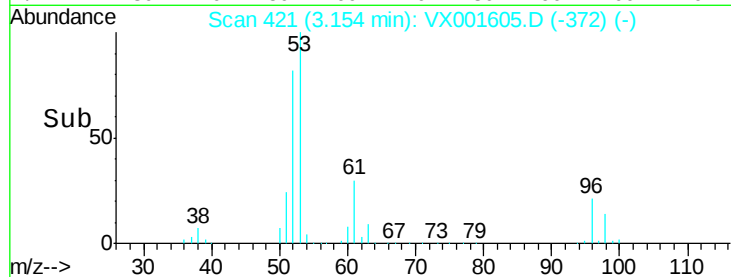
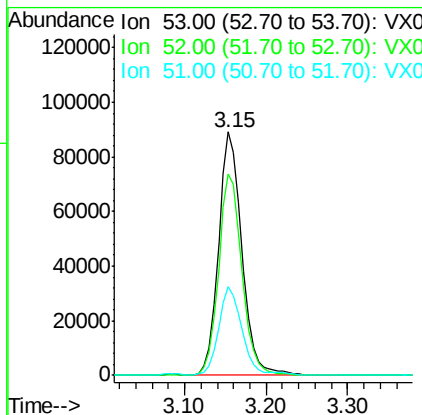
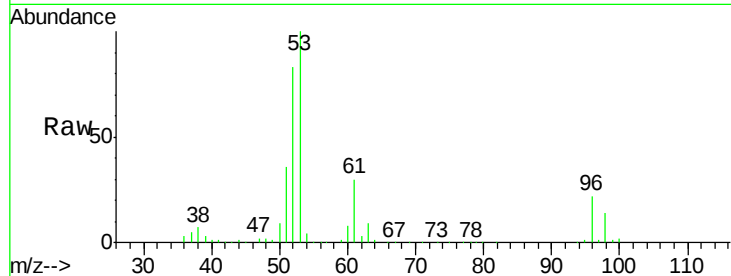
ClientSampleId :

VX0510WBSD01

Tot Ion:	53	Resp:	176555
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.2	99.2
51	36.6	28.6	43.0

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#16

Acetone

Concen: 115.68 ug/l

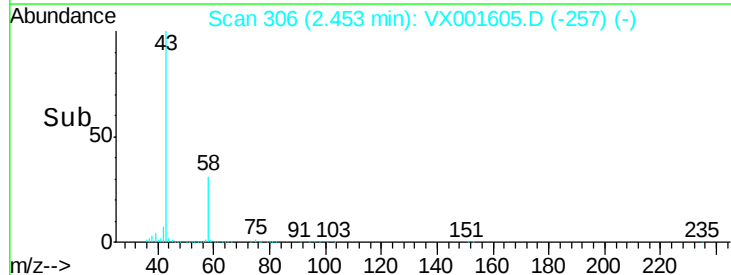
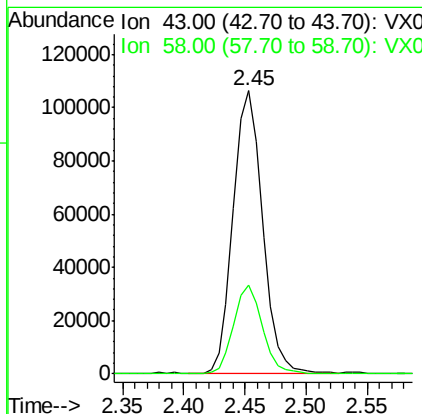
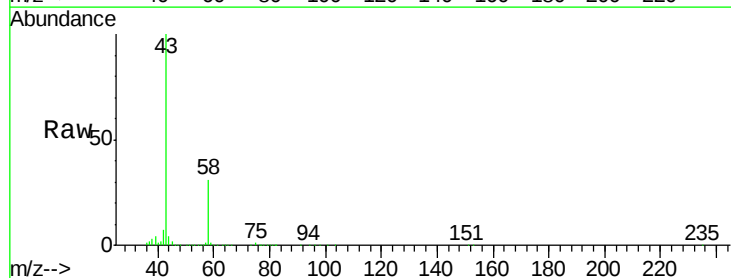
RT: 2.45 min Scan# 306

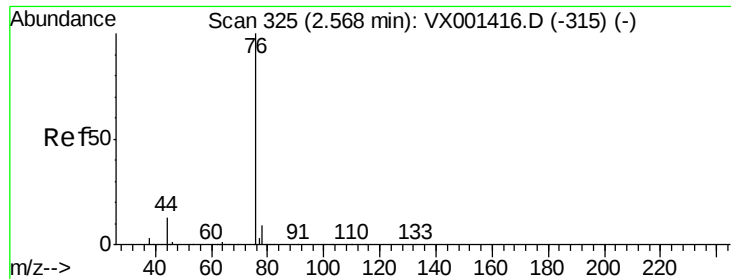
Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Tgt Ion:	43	Resp:	176856
Ion Ratio		Lower	Upper
43	100		
58	31.3	23.8	35.8





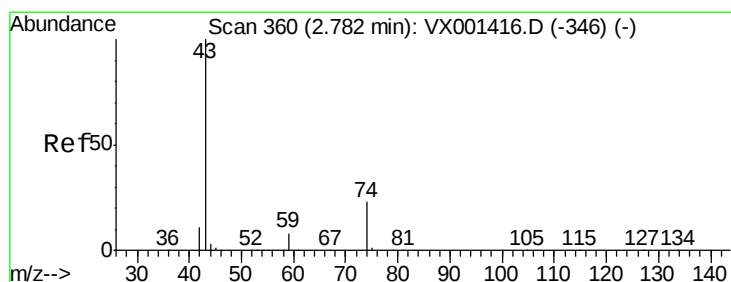
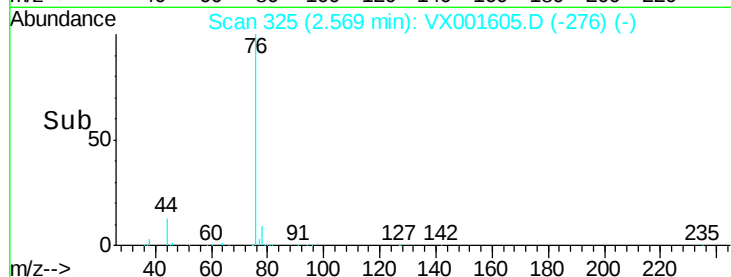
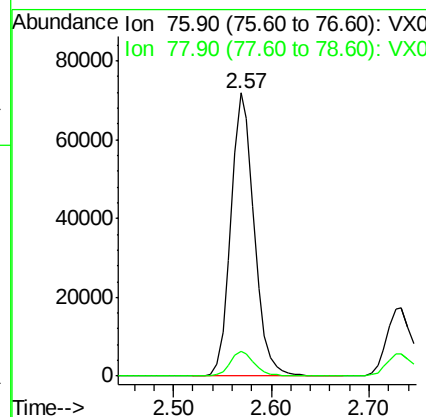
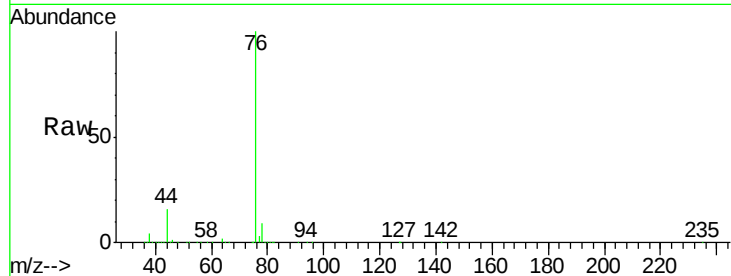
#17
Carbon Disulfide
Concen: 18.00 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.2

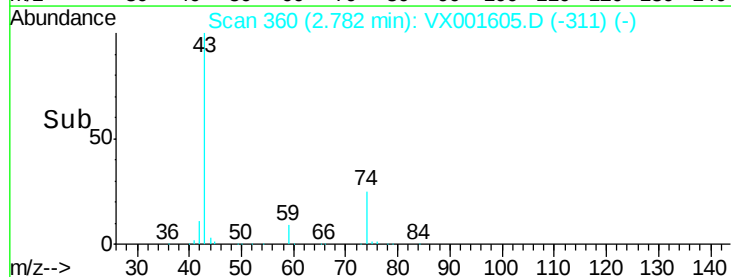
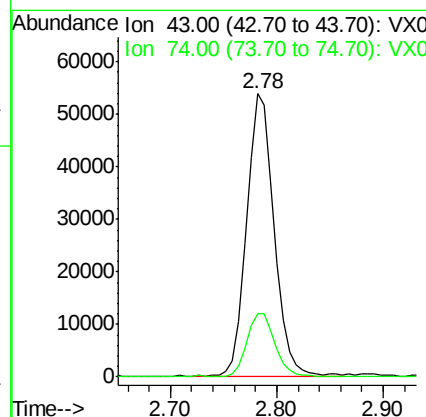
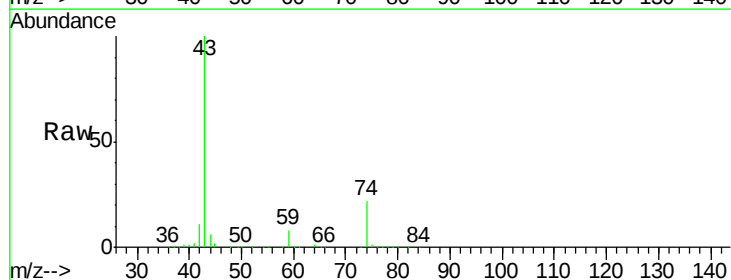
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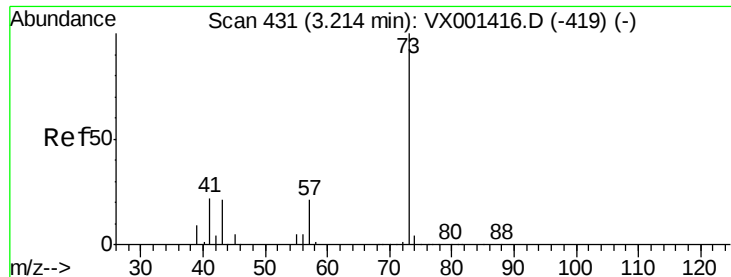
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#18
Methyl Acetate
Concen: 24.15 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.6	27.8





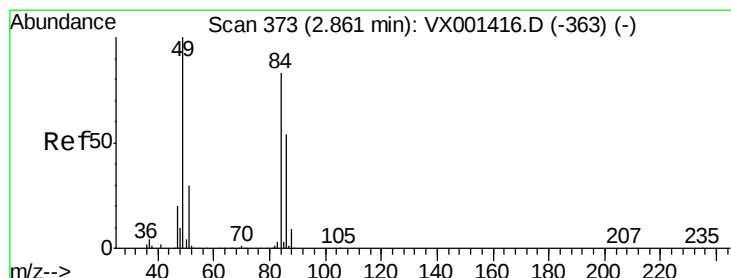
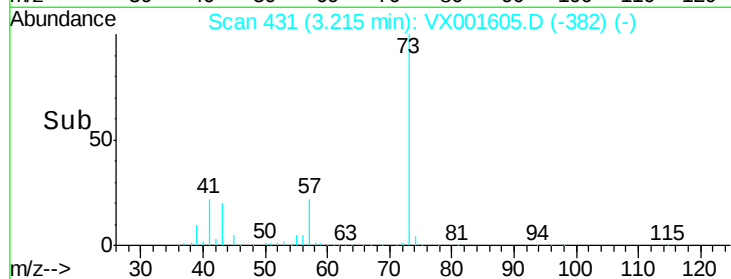
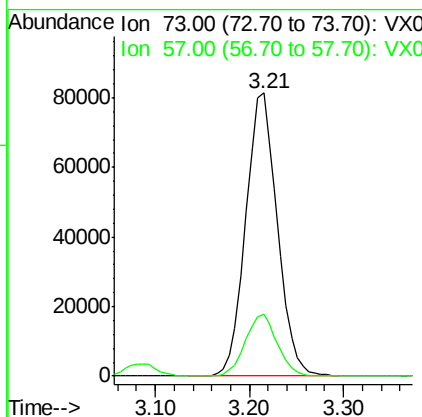
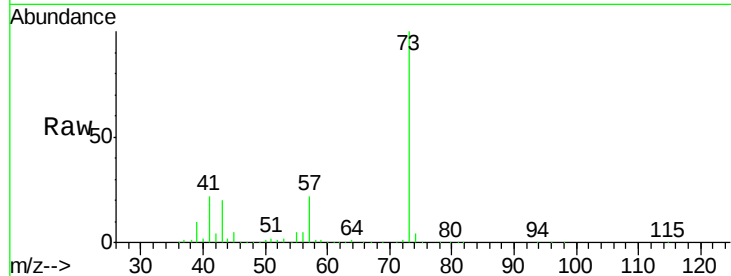
#19
Methvl tert-butvl Ether
Concen: 21.28 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.0	25.6

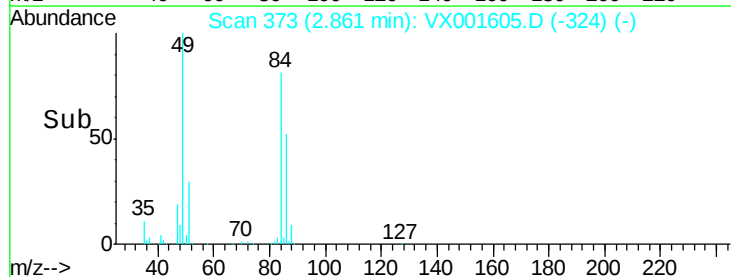
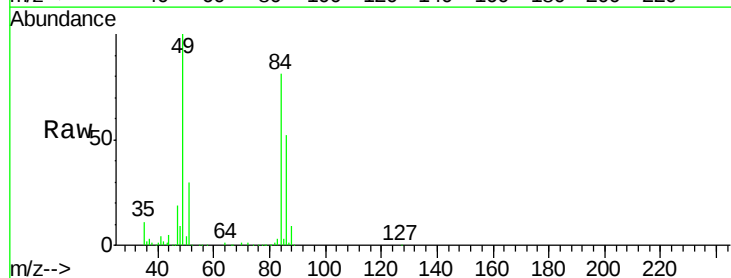
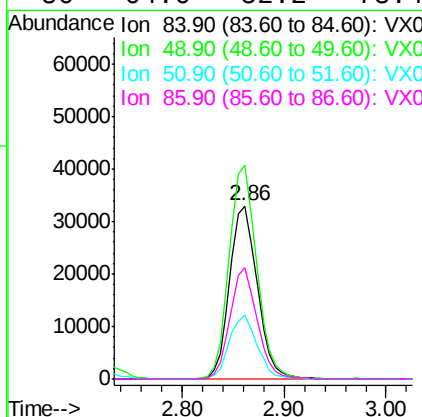
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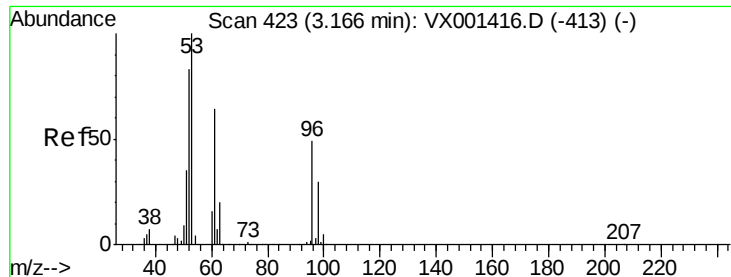
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#20
Methylene Chloride
Concen: 20.57 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.4	96.6	144.8
51	37.3	29.0	43.4
86	64.6	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 19.77 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Instrument :

MSVOA_X

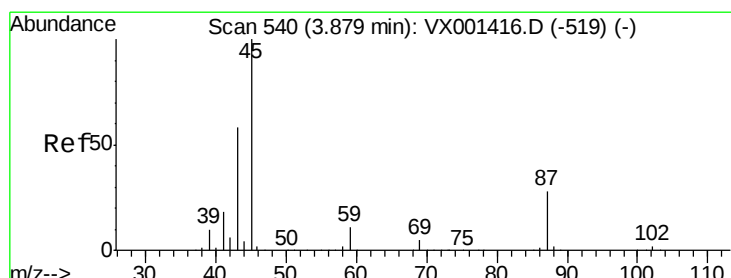
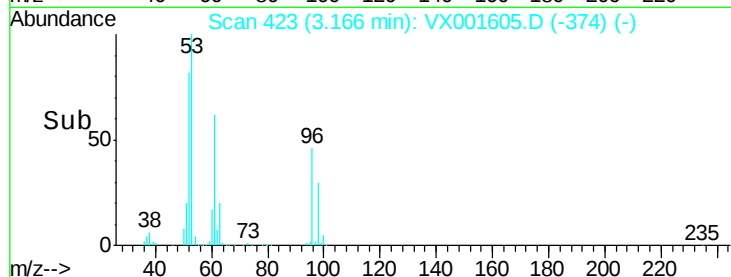
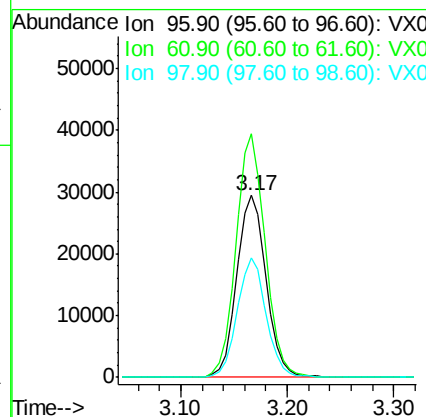
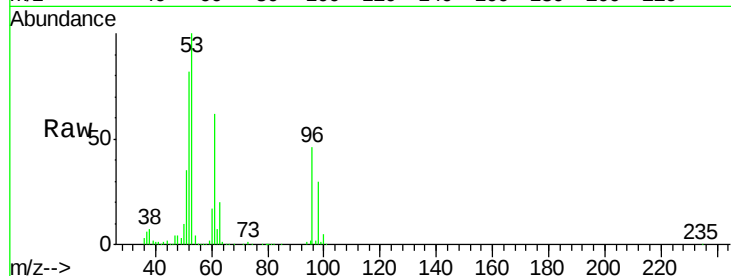
ClientSampled :

VX0510WBSD01

Tot Ion:	96	Resp:	57202
Ion	Ratio	Lower	Upper
96	100		
61	133.5	105.0	157.4
98	65.6	49.9	74.9

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#22

Diisopropyl ether

Concen: 19.97 ug/l

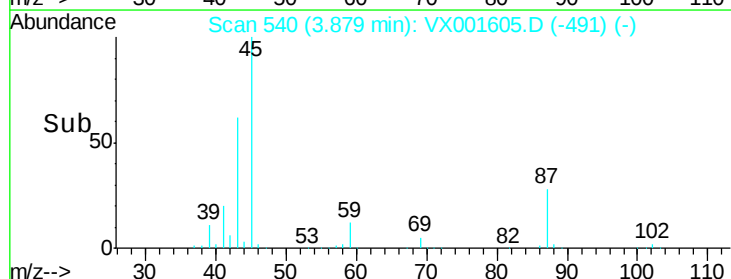
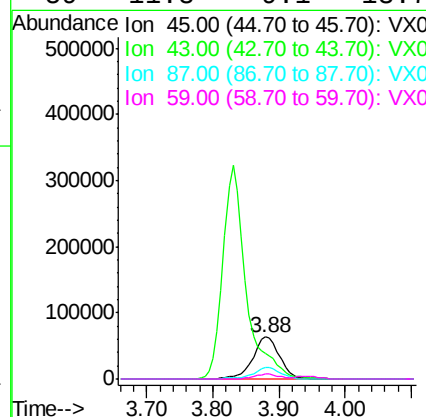
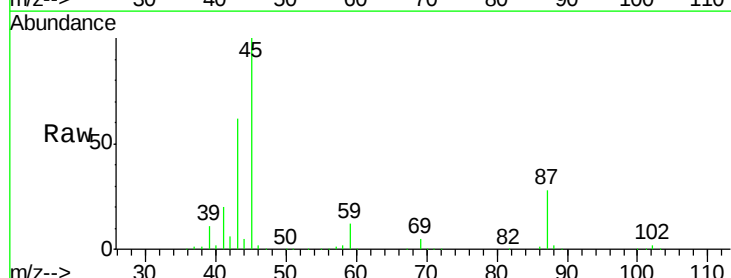
RT: 3.88 min Scan# 540

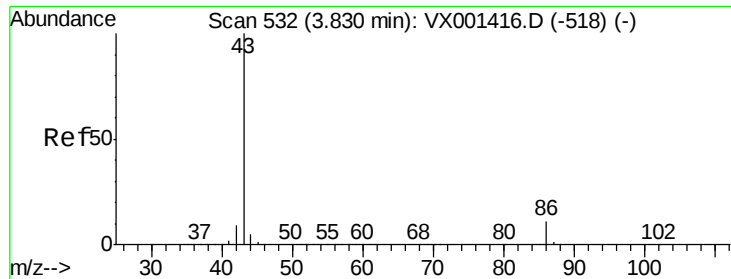
Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Tgt Ion:	45	Resp:	180319
Ion	Ratio	Lower	Upper
45	100		
43	61.6	46.5	69.7
87	27.9	22.6	34.0
59	11.8	9.1	13.7





#23

Vinyl Acetate

Concen: 105.64 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Instrument :

MSVOA_X

ClientSampled :

VX0510WBSD01

Tot Ion: 43 Resp: 794997

Ion Ratio Lower Upper

43 100

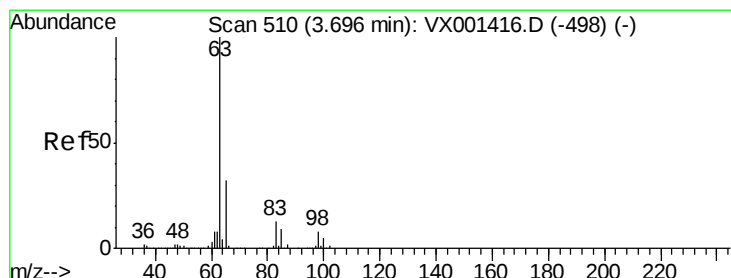
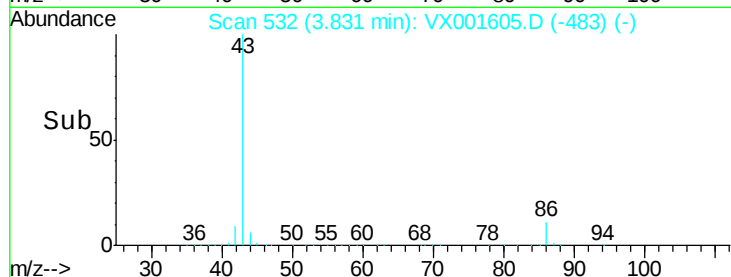
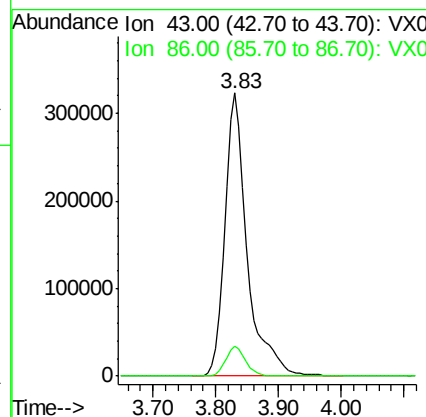
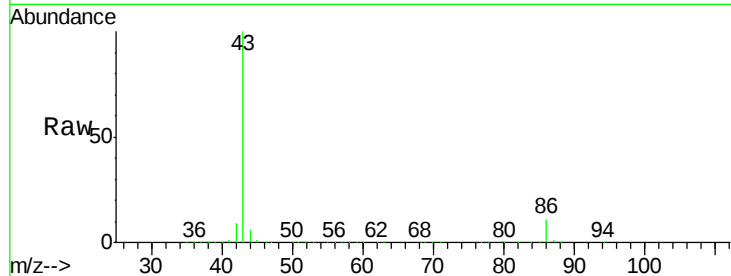
86 10.5 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 21.68 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

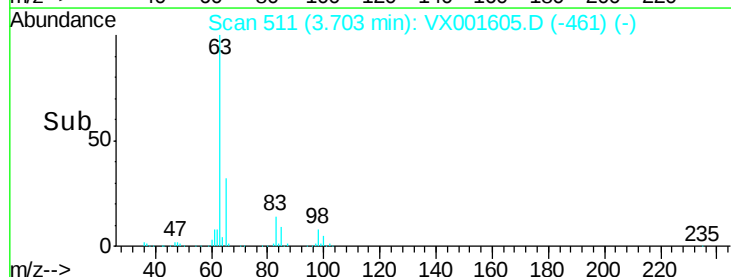
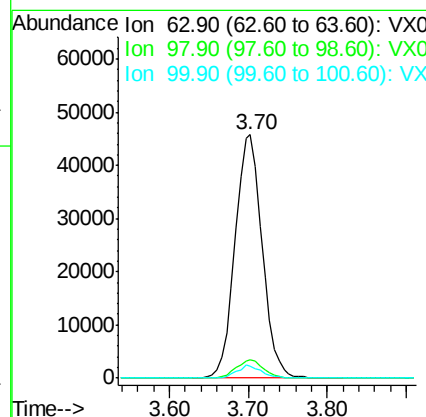
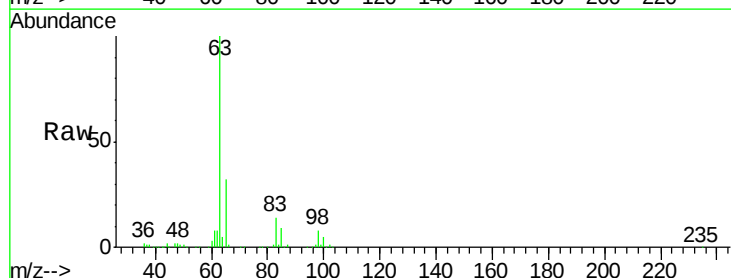
Tgt Ion: 63 Resp: 109362

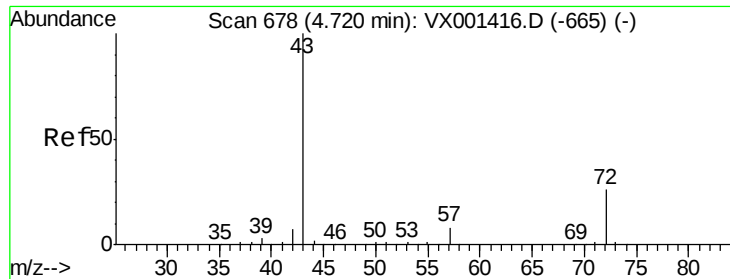
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 111.49 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

Tot Ion: 43 Resp: 246399

Ion Ratio Lower Upper

43 100

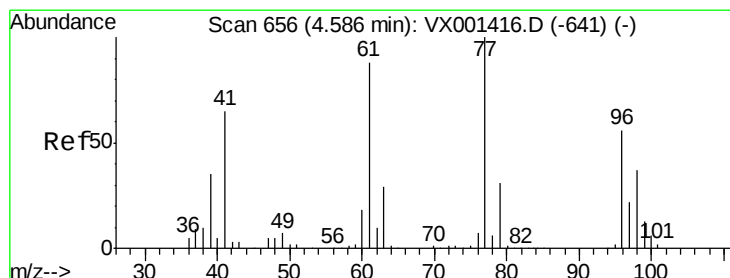
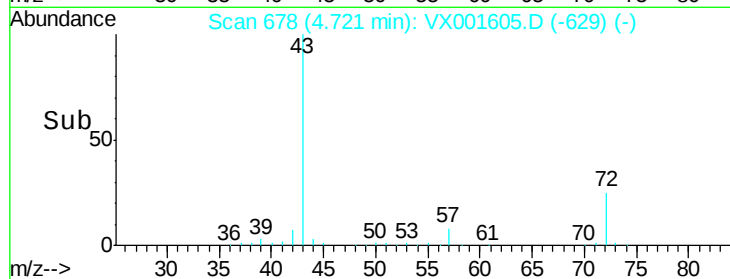
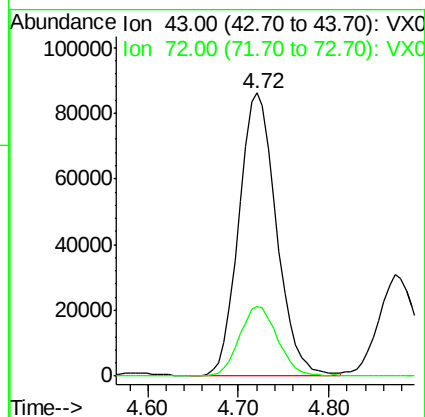
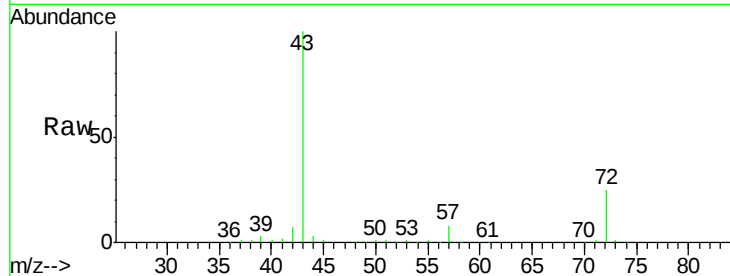
72 24.9 20.7 31.1

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#26

2,2-Dichloropropane

Concen: 21.47 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX001605.D

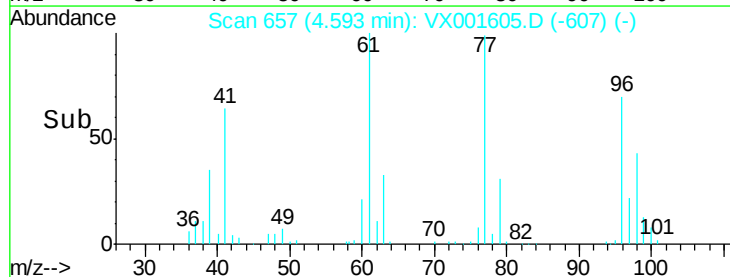
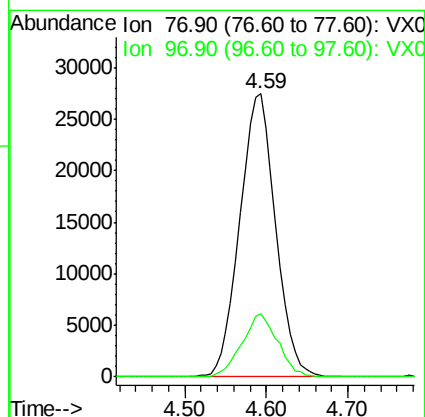
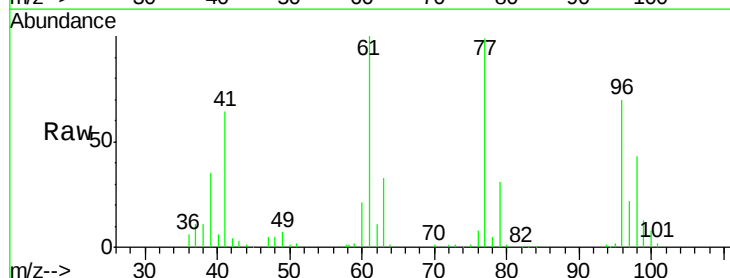
Acq: 10 May 2018 16:47

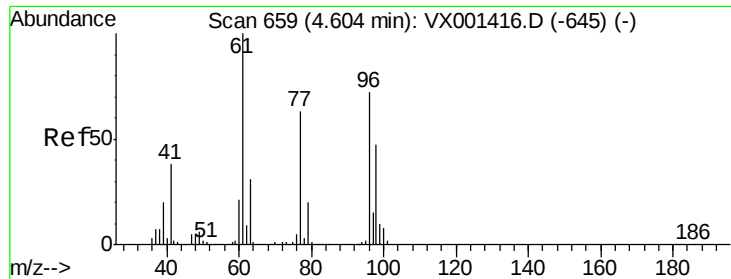
Tgt Ion: 77 Resp: 83628

Ion Ratio Lower Upper

77 100

97 22.2 11.2 33.6





#27

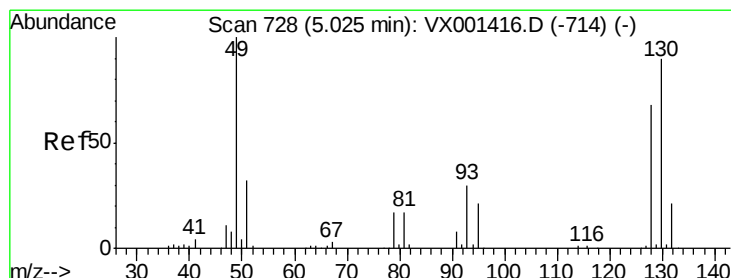
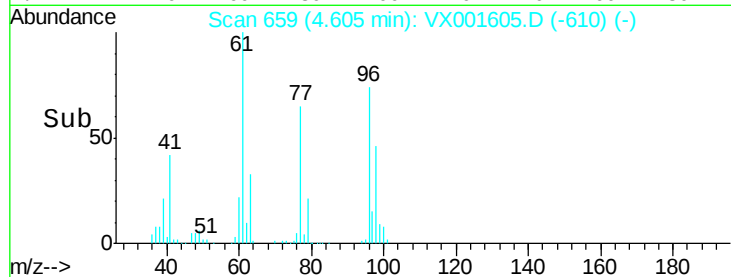
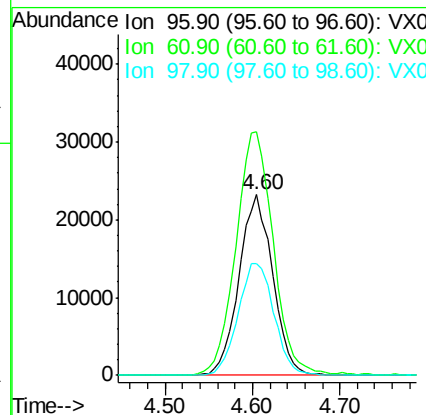
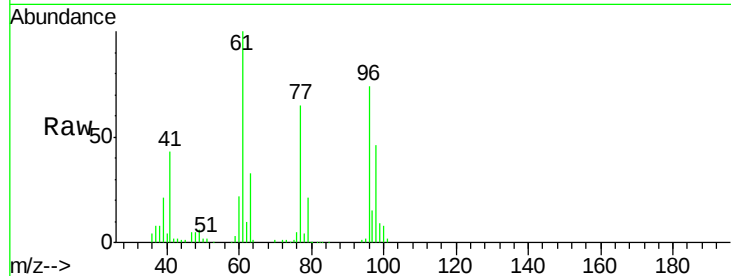
cis-1,2-Dichloroethene
Concen: 20.23 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.4	0.0	301.6
98	65.9	0.0	131.6

Manual Integrations
APPROVED

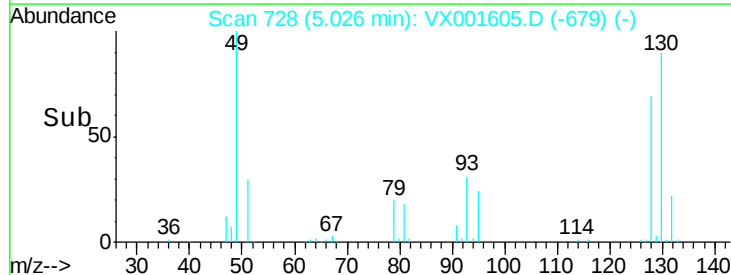
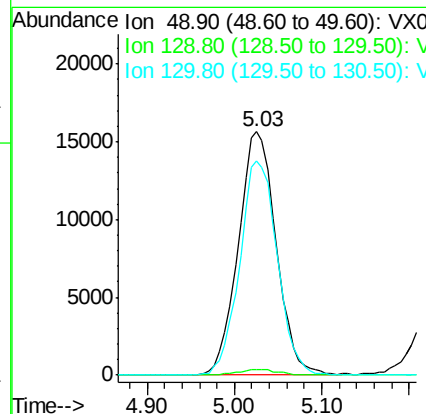
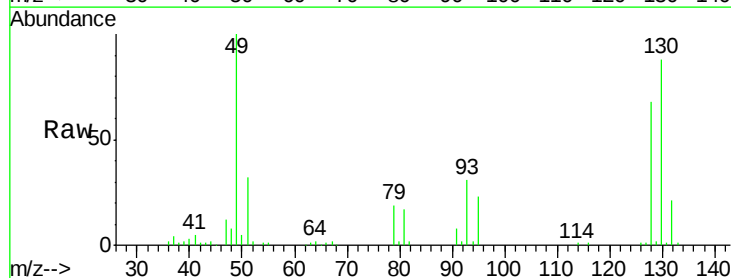
apatel
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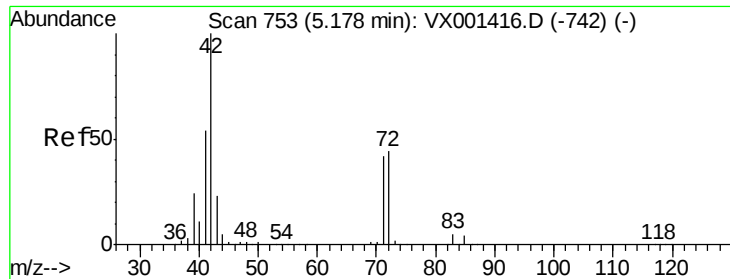


#28

Bromochloromethane
Concen: 21.55 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	87.1	71.9	107.9





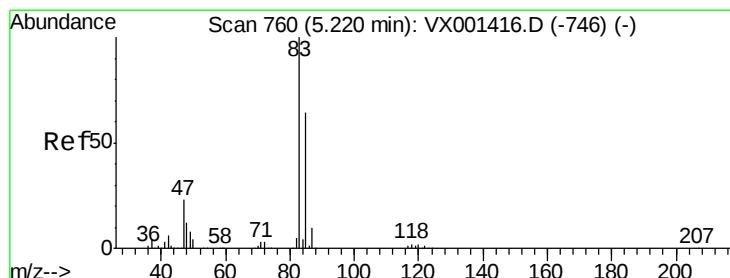
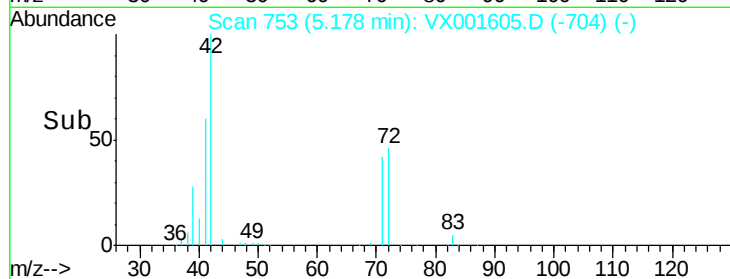
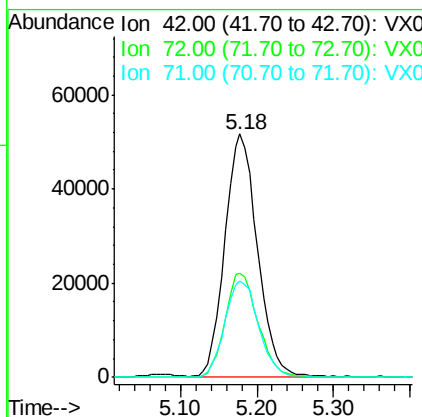
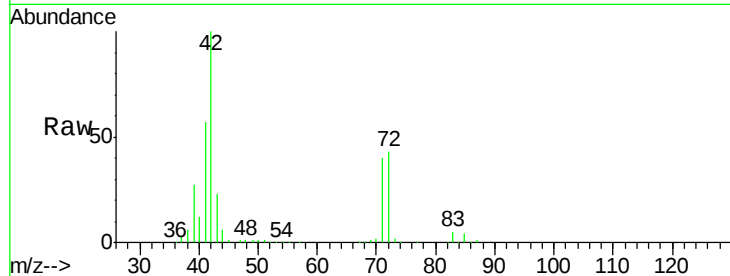
#29
Tetrahydrofuran
Concen: 107.28 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	35.4	53.2
71	41.5	33.0	49.4

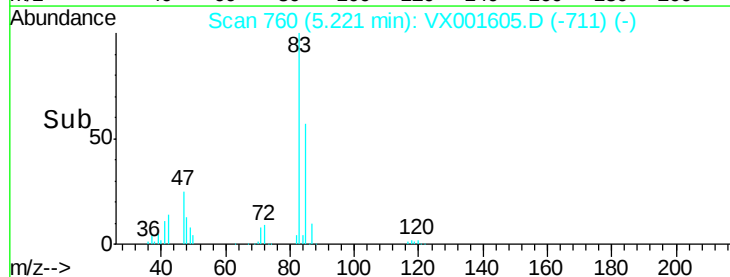
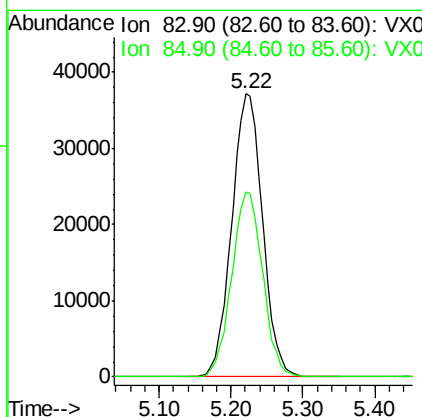
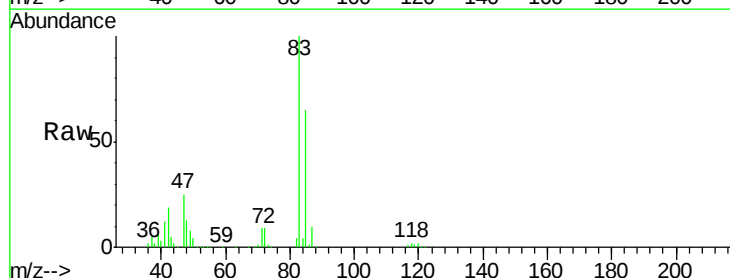
Manual Integrations
APPROVED

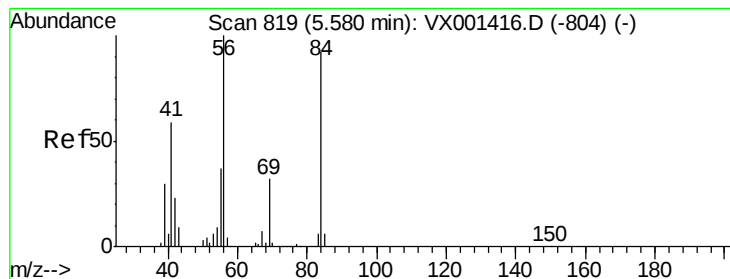
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#30
Chloroform
Concen: 21.26 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.0	76.4





#31

Cyclohexane

Concen: 19.40 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Instrument :

MSVOA_X

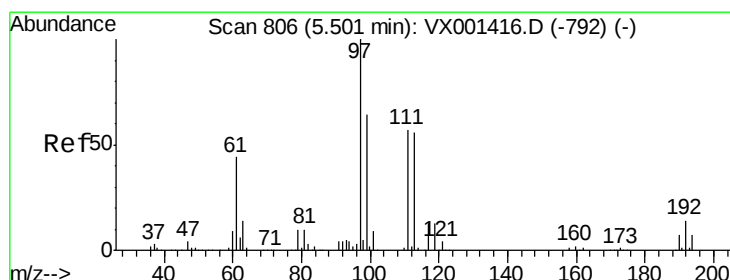
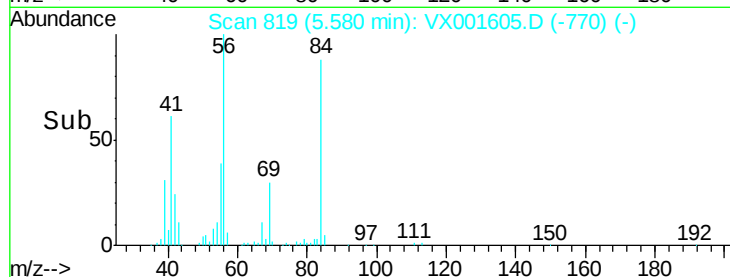
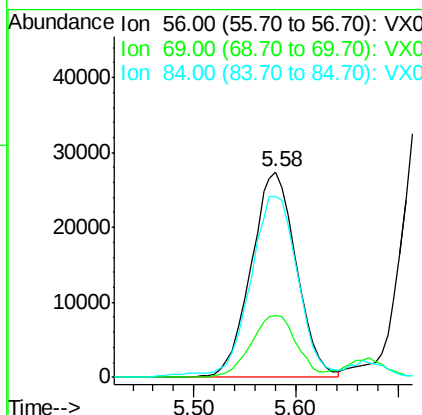
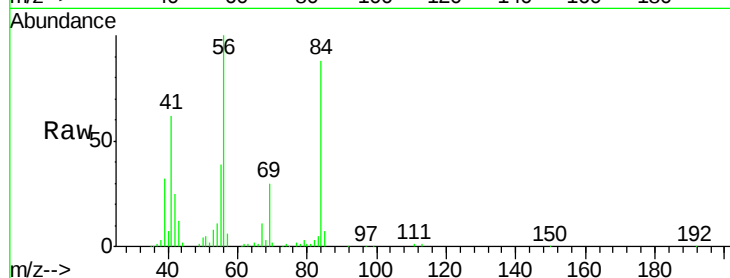
ClientSampleId :

VX0510WBSD01

Tot Ion:	56	Resp:	84064
Ion	Ratio	Lower	Upper
56	100		
69	30.0	25.4	38.0
84	86.2	73.8	110.8

Manual Integrations
APPROVED

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#32

1,1,1-Trichloroethane

Concen: 21.25 ug/l

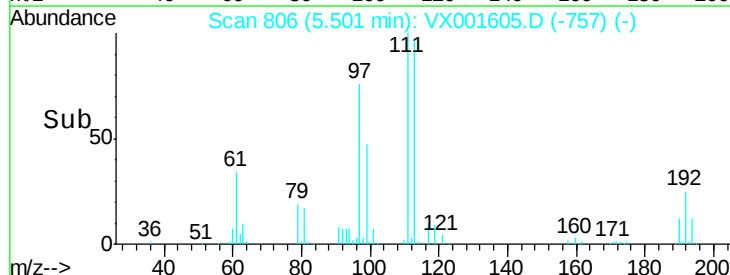
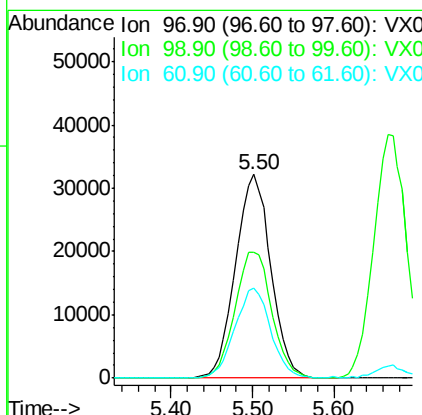
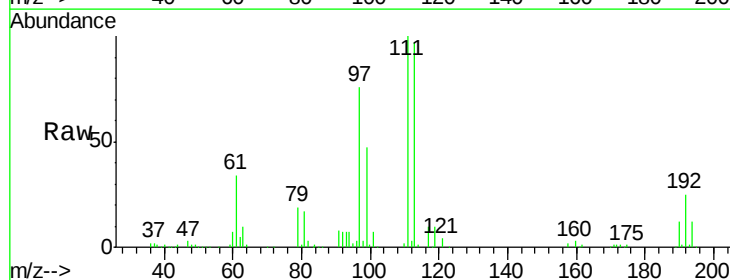
RT: 5.50 min Scan# 806

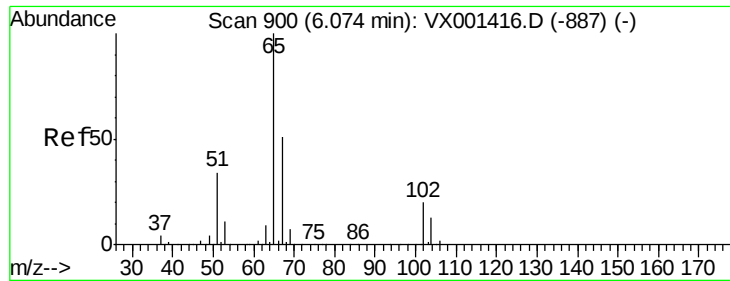
Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Tgt Ion:	97	Resp:	96479
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.3	76.9
61	44.8	34.8	52.2





#33

1,2-Dichloroethane-d4

Concen: 47.94 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Instrument :

MSVOA_X

ClientSampled :

VX0510WBSD01

Tot Ion: 65 Resp: 161399

Ion Ratio Lower Upper

65 100

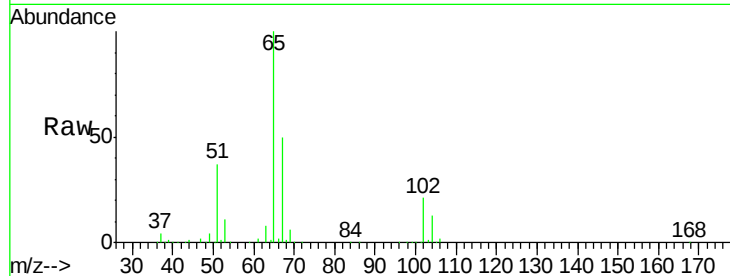
67 51.1 0.0 101.8

Manual Integrations

APPROVED

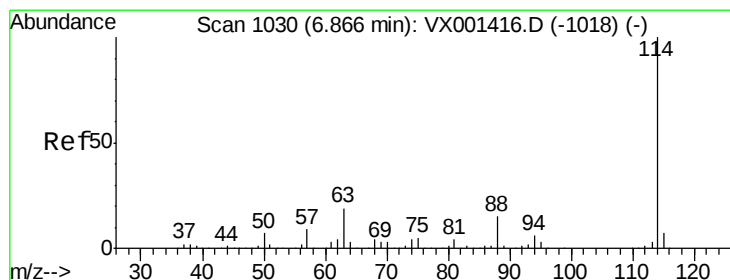
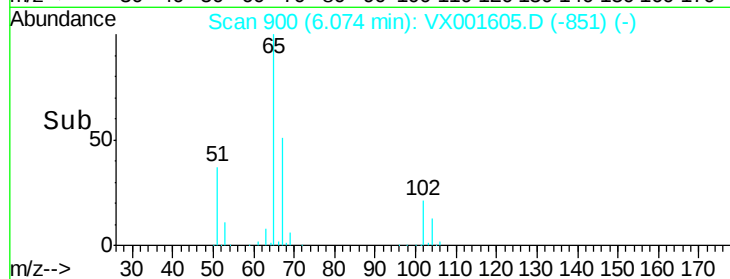
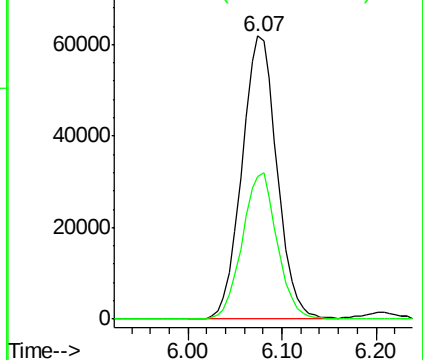
apatel

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

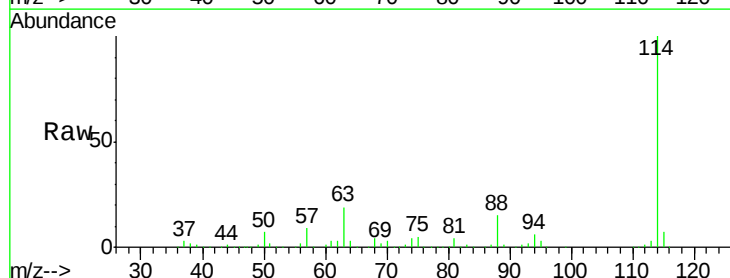
Tgt Ion: 114 Resp: 301013

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

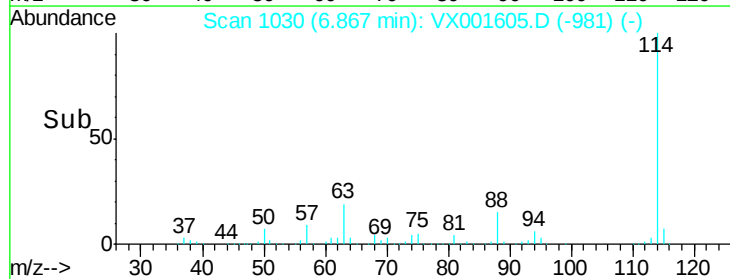
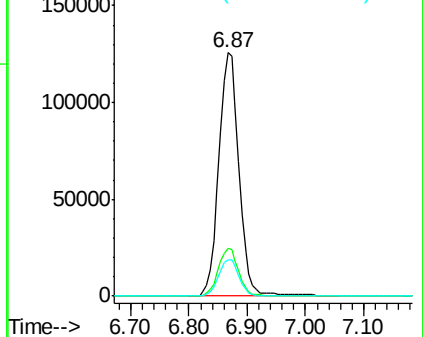
88 15.0 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





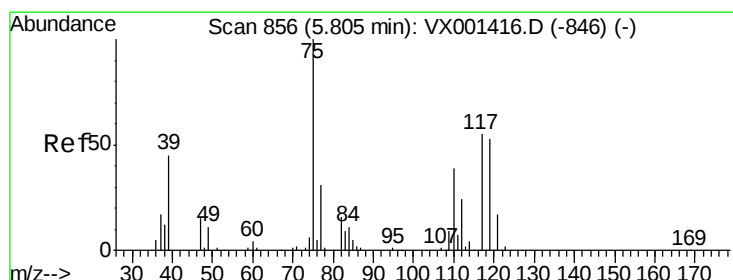
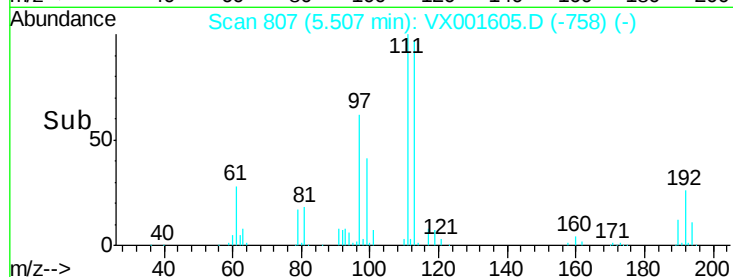
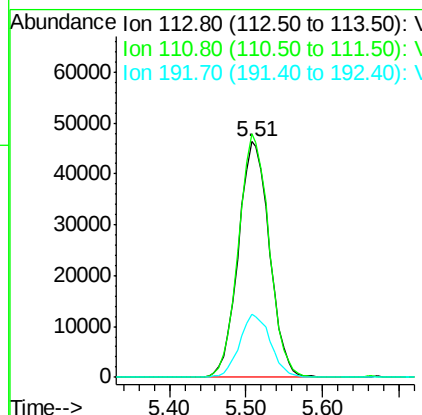
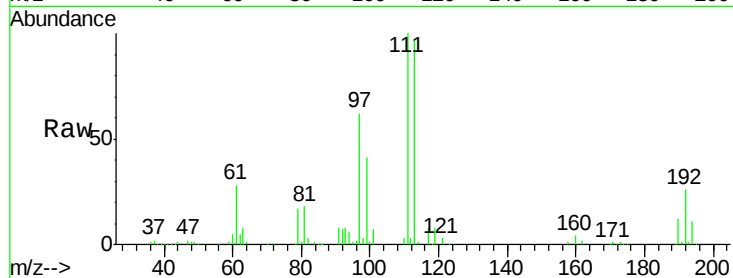
#35
 Dibromofluoromethane
 Concen: 48.82 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001605.D
 Acq: 10 May 2018 16:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	130711		
111	101.8	82.2	123.2	
192	26.6	21.4	32.0	

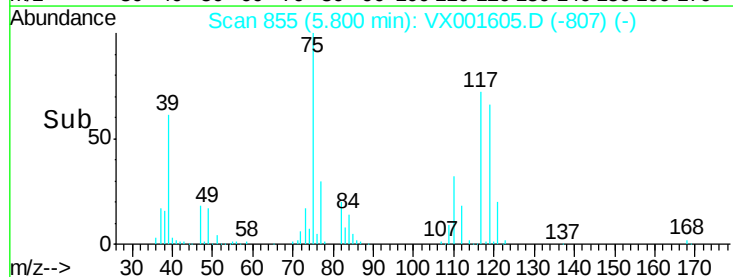
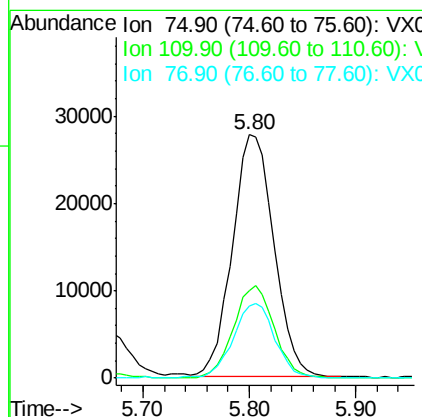
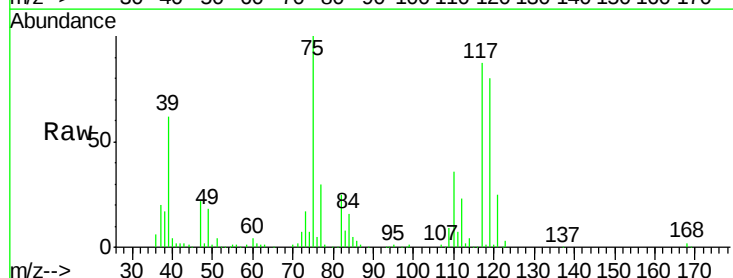
Manual Integrations
 APPROVED

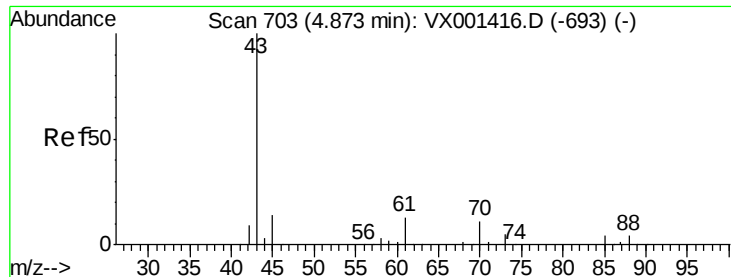
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#36
 1,1-Dichloropropene
 Concen: 19.84 ug/l
 RT: 5.80 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX001605.D
 Acq: 10 May 2018 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	75981		
110	37.5	18.9	56.7	
77	30.4	24.9	37.3	





#37

Ethyl Acetate

Concen: 21.46 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Instrument :

MSVOA_X

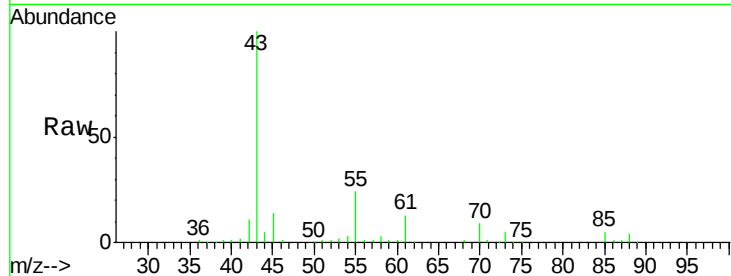
ClientSampleId :

VX0510WBSD01

Tot Ion:	43	Resp:	90088
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	10.5	8.4	12.6

Manual Integrations
APPROVED

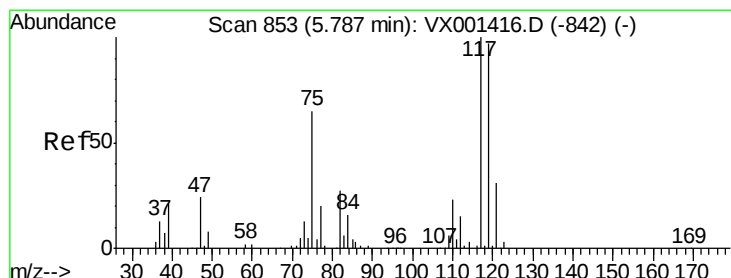
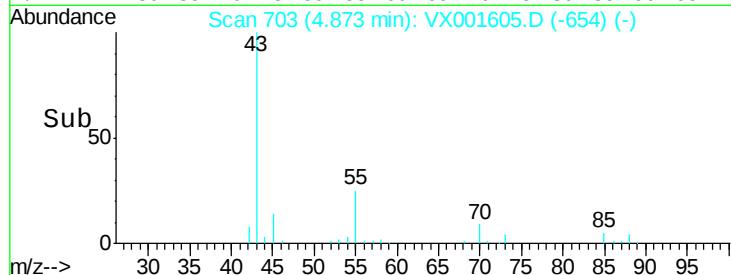
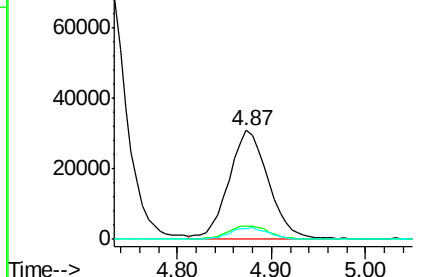
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 20.94 ug/l

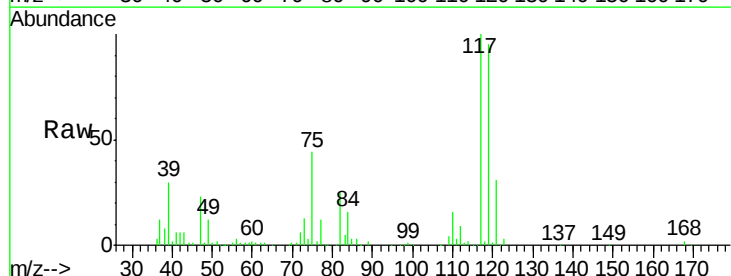
RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

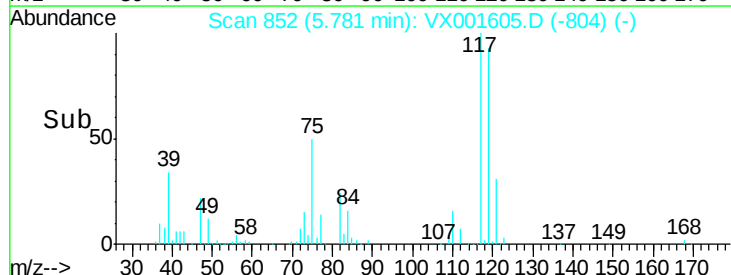
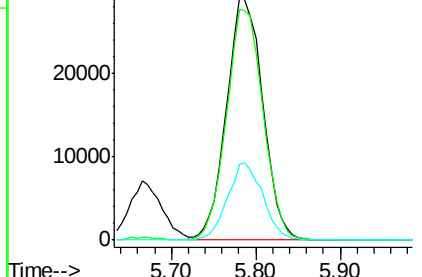
Tgt Ion:	117	Resp:	85515
Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.0	115.6
121	30.9	25.1	37.7

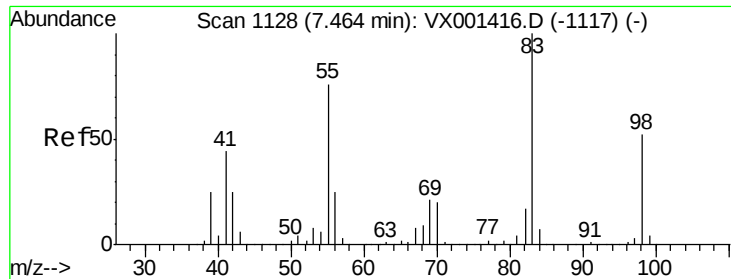


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





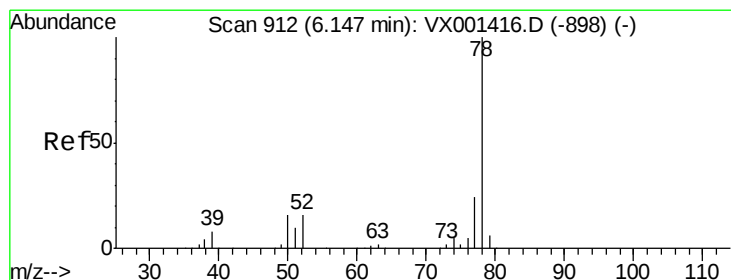
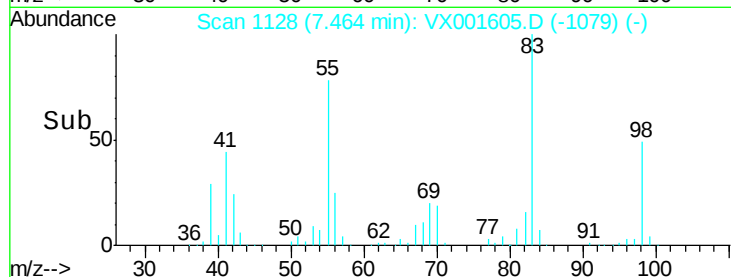
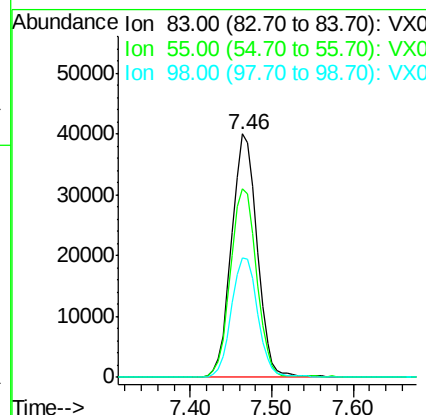
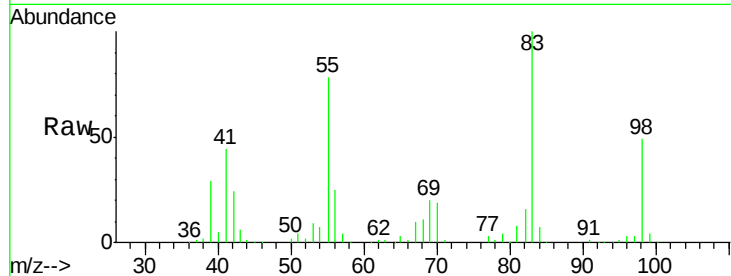
#39
Methvlcvclohexane
Concen: 19.18 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion	83	Resp	86830
Ion Ratio	100	Lower	Upper
83	100		
55	77.5	60.9	91.3
98	49.0	41.9	62.9

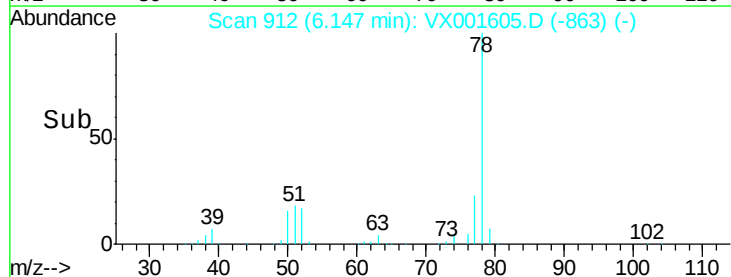
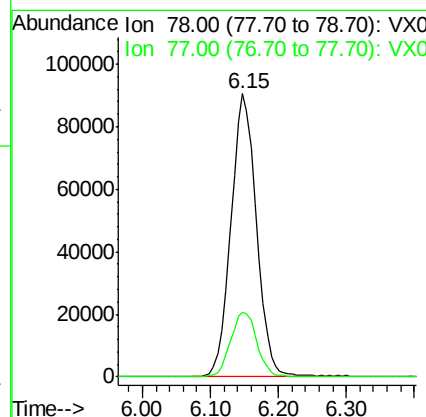
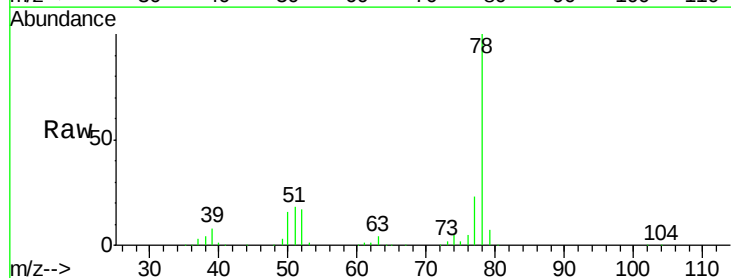
Manual Integrations
APPROVED

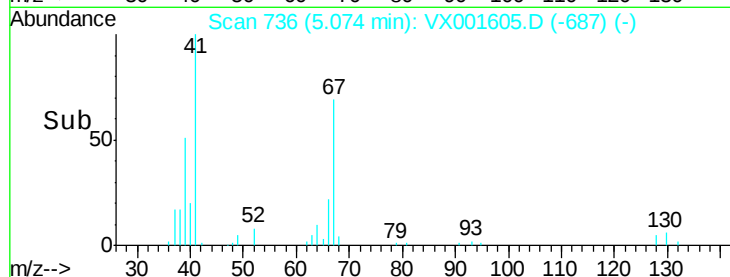
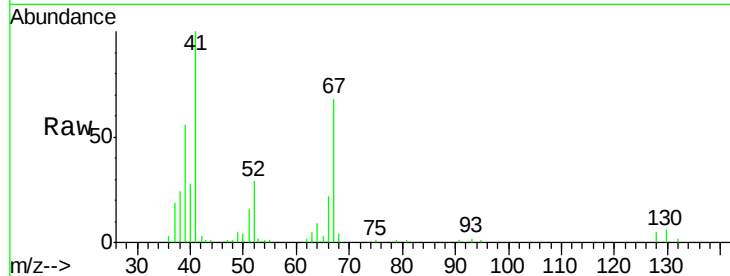
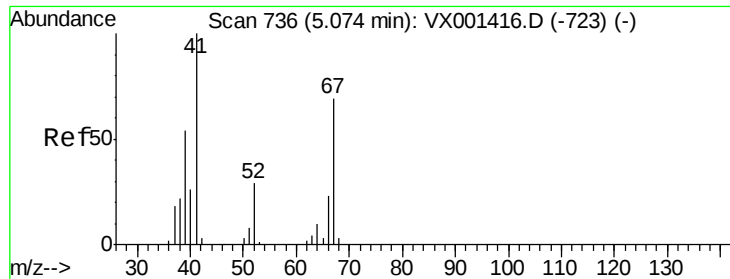
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#40
Benzene
Concen: 21.04 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Tgt Ion	78	Resp	235259
Ion Ratio	100	Lower	Upper
78	100		
77	23.0	19.4	29.2





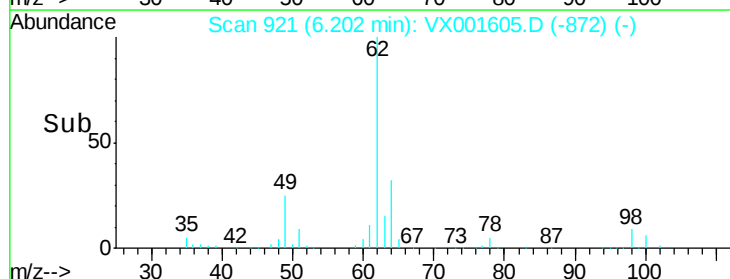
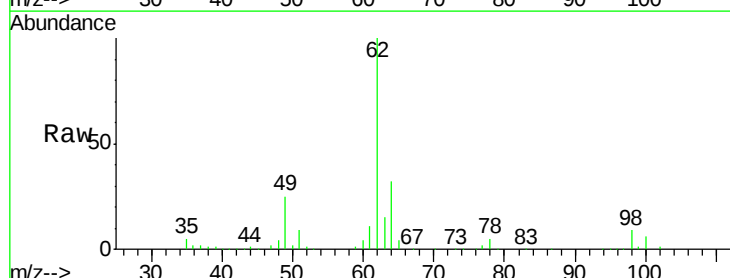
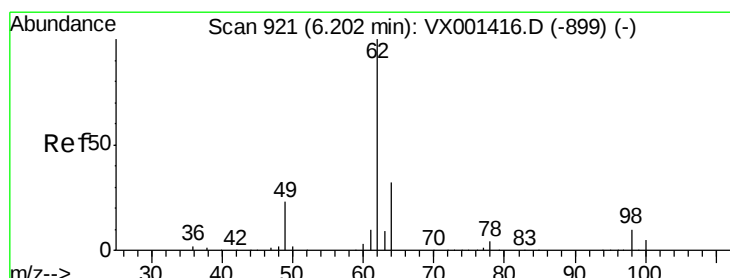
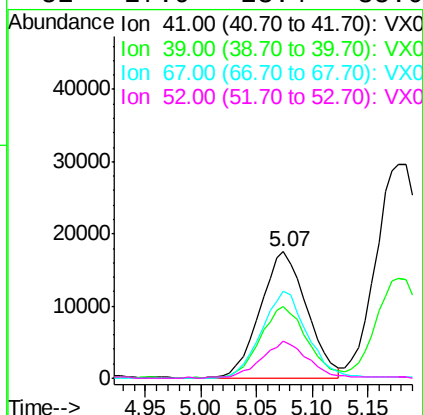
#41
Methacrylonitrile
Concen: 21.30 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.4	45.0	67.6	
67	67.8	55.0	82.6	
52	27.9	23.4	35.0	

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

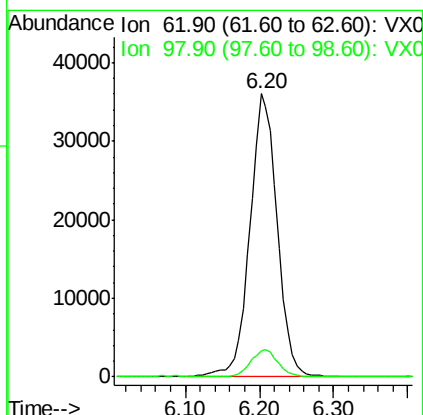
Manual Integrations
APPROVED

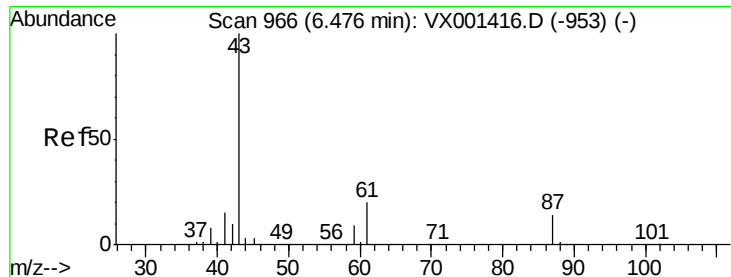
apatel
5/11/2018 1:06:53 PM



#42
1,2-Dichloroethane
Concen: 21.54 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	0.0	19.0	





#43

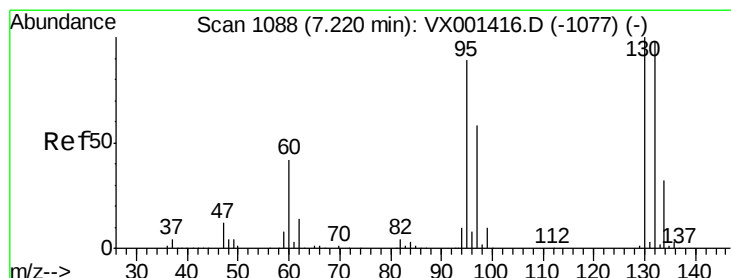
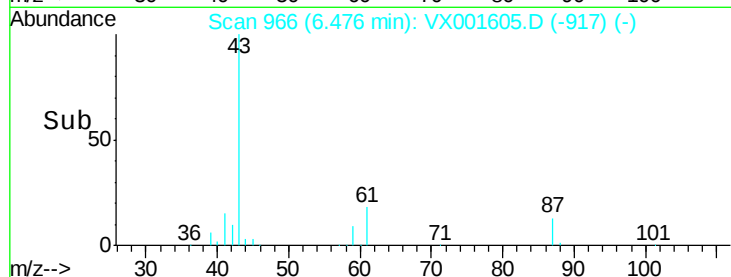
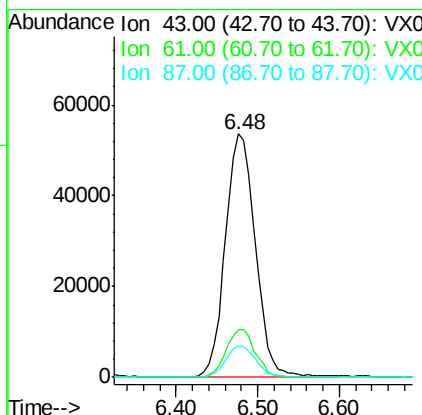
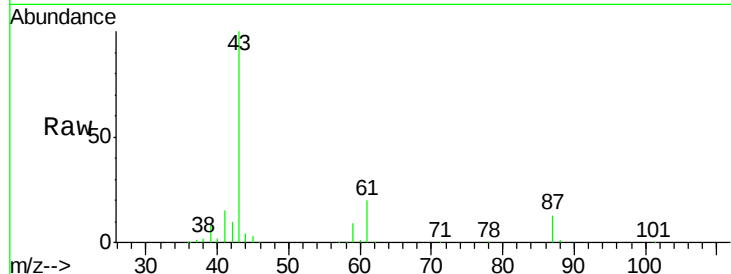
Isopropyl Acetate
 Concen: 21.03 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX001605.D
 Acq: 10 May 2018 16:47

Instrument :
 MSVOA_X
 ClientSampled :
 VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.4	23.0
87	12.9	10.8	16.2

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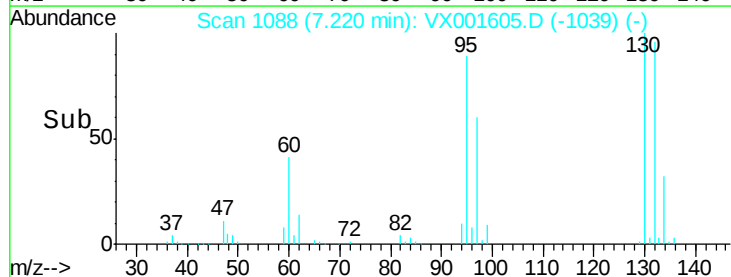
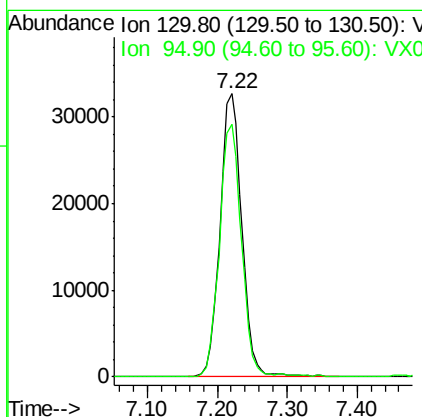
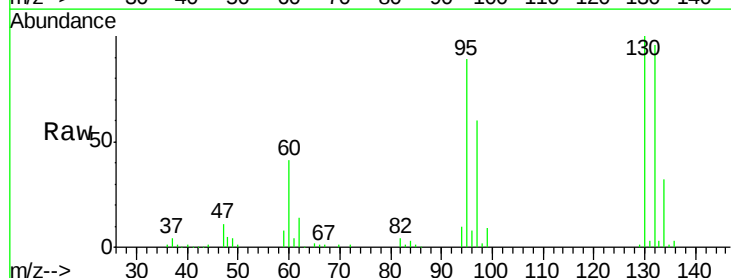
apatel
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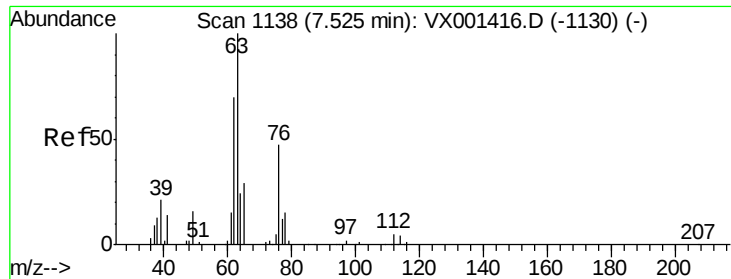


#44

Trichloroethene
 Concen: 20.75 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001605.D
 Acq: 10 May 2018 16:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.4	0.0	178.4





#45

1,2-Dichloropropane

Concen: 20.78 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

Tot Ion: 63 Resp: 57951

Ion Ratio Lower Upper

63 100

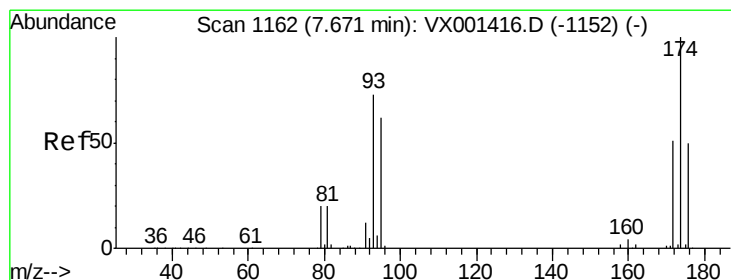
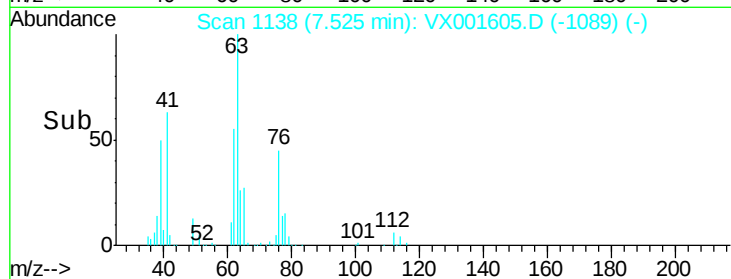
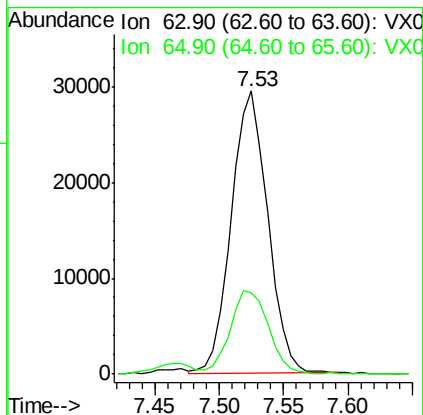
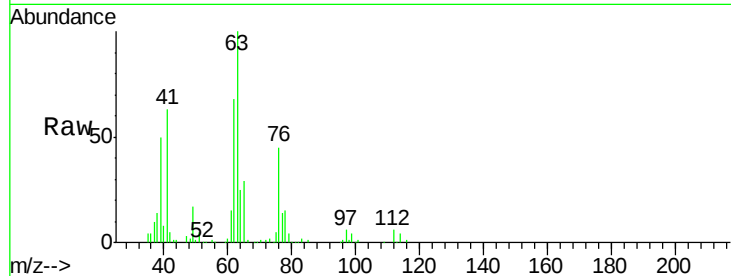
65 28.5 24.5 36.7

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#46

Dibromomethane

Concen: 21.06 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

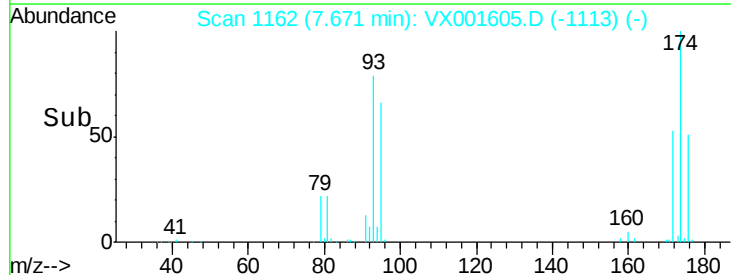
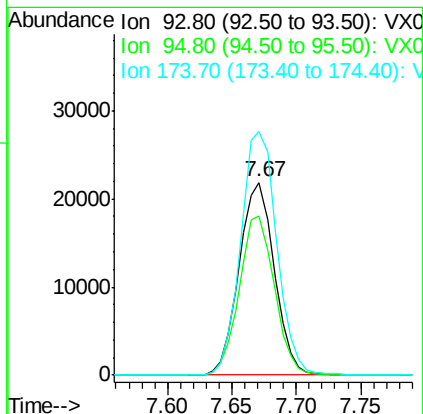
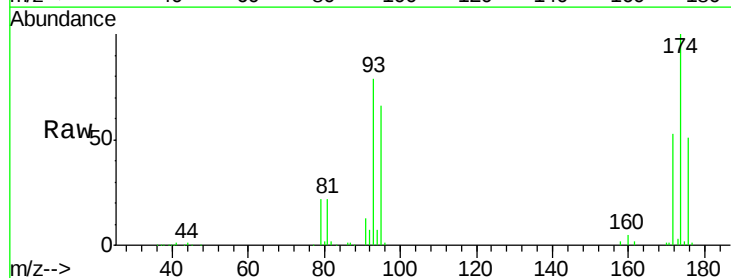
Tgt Ion: 93 Resp: 41575

Ion Ratio Lower Upper

93 100

95 82.2 67.0 100.4

174 129.4 104.5 156.7





#47

Bromodichloromethane

Concen: 21.04 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Instrument :

MSVOA_X

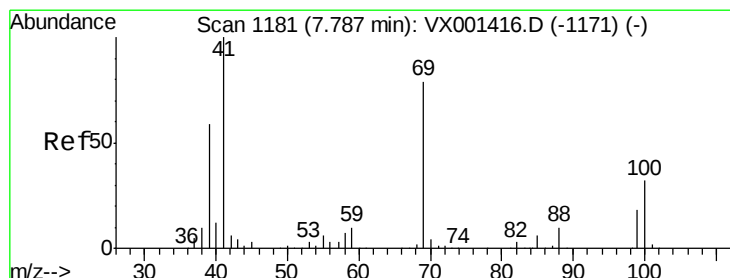
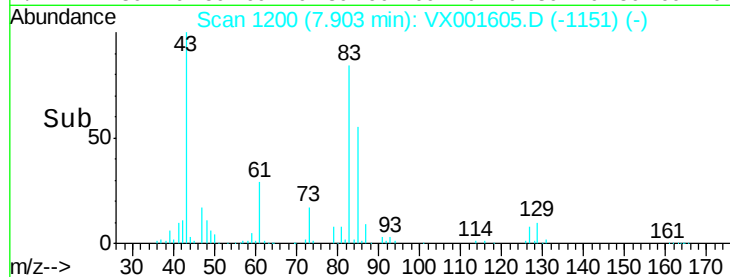
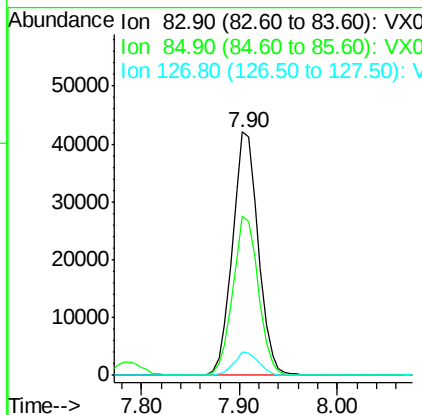
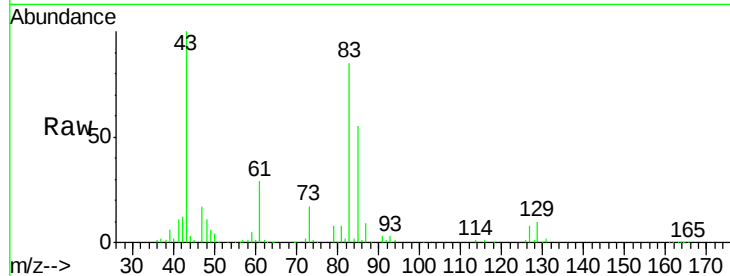
ClientSampleId :

VX0510WBSD01

Tot Ion:	83	Resp:	76856
Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.0	76.6
127	9.7	7.4	11.2

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#48

Methyl methacrylate

Concen: 21.08 ug/l

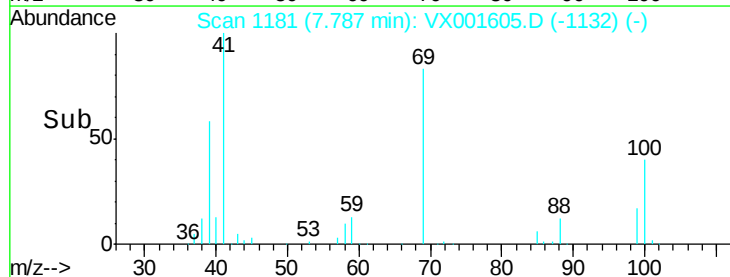
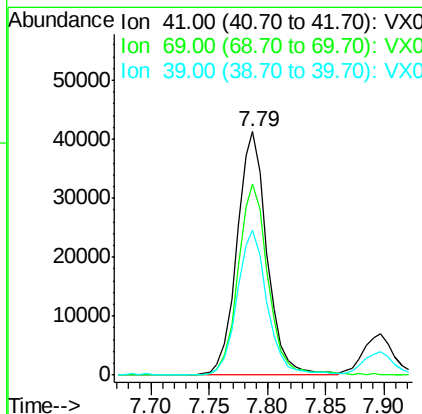
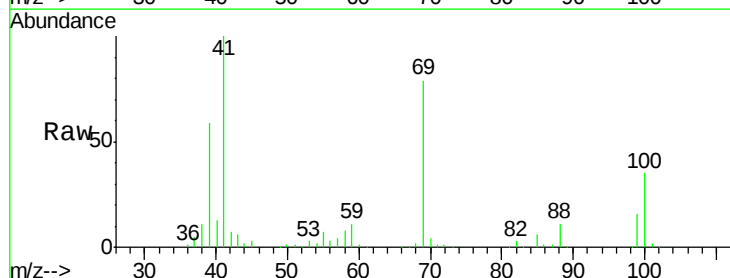
RT: 7.79 min Scan# 1181

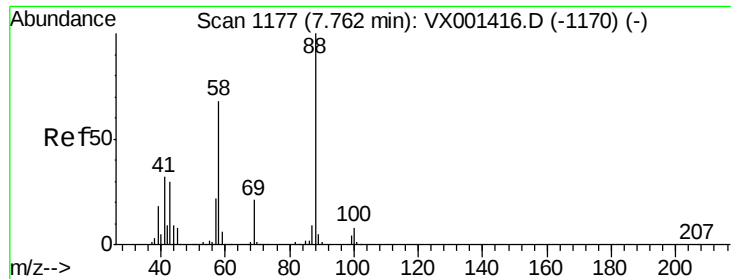
Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Tgt Ion:	41	Resp:	73943
Ion	Ratio	Lower	Upper
41	100		
69	79.3	63.4	95.2
39	59.2	47.0	70.4





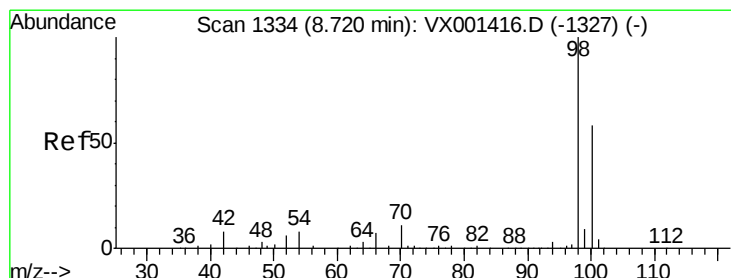
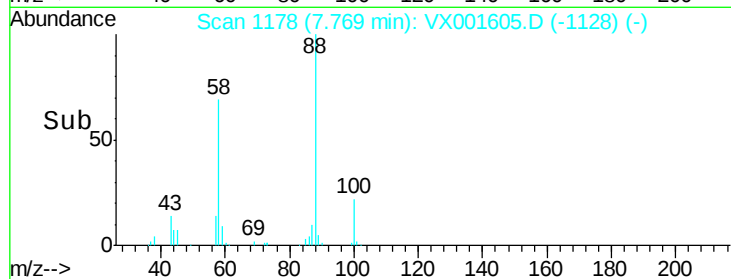
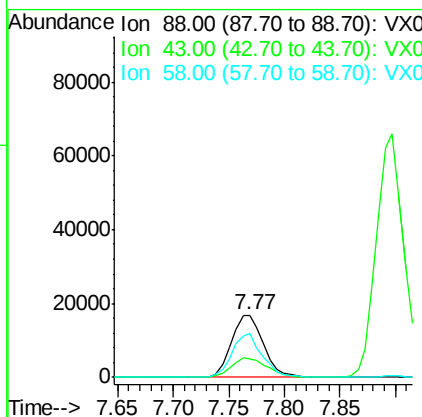
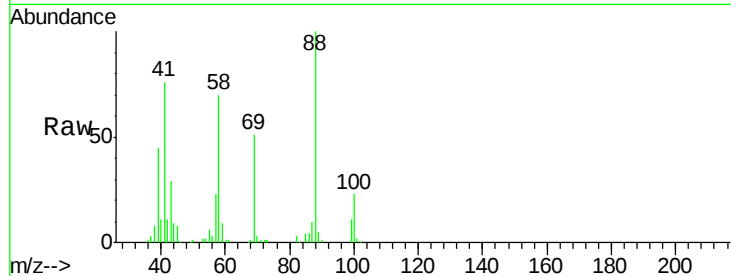
#49
1,4-Dioxane
Concen: 439.27 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.4	26.4	39.6
58	68.3	54.1	81.1

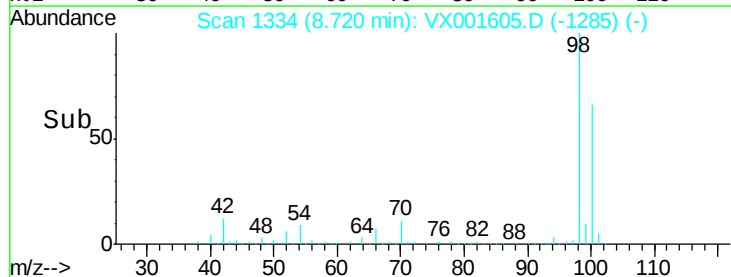
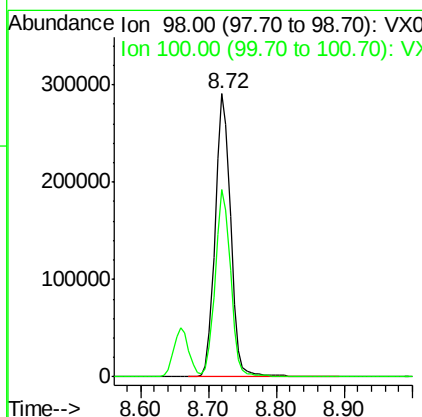
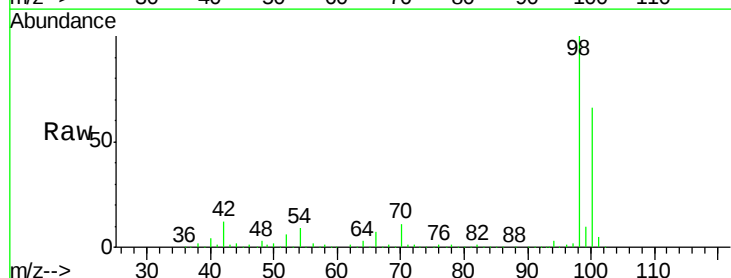
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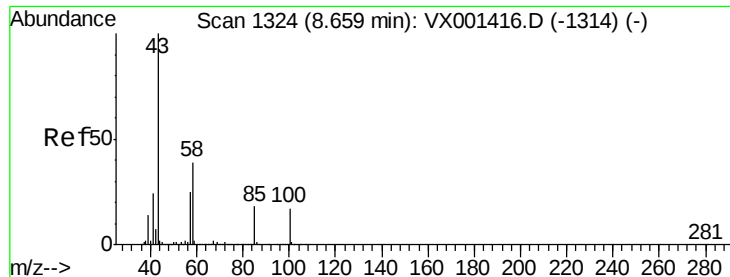
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#50
Toluene-d8
Concen: 47.12 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	54.0	81.0





#51

4-Methyl-2-Pentanone

Concen: 112.54 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Instrument :

MSVOA_X

ClientSampled :

VX0510WBSD01

Tot Ion: 43 Resp: 481860

Ion Ratio Lower Upper

43 100

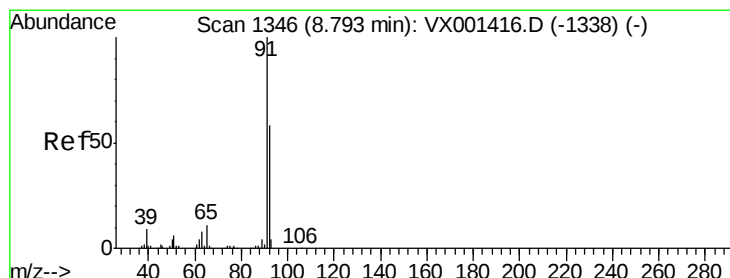
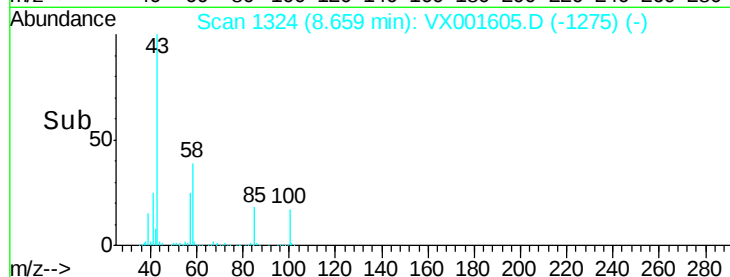
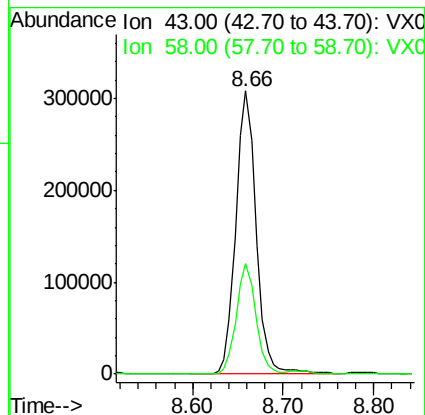
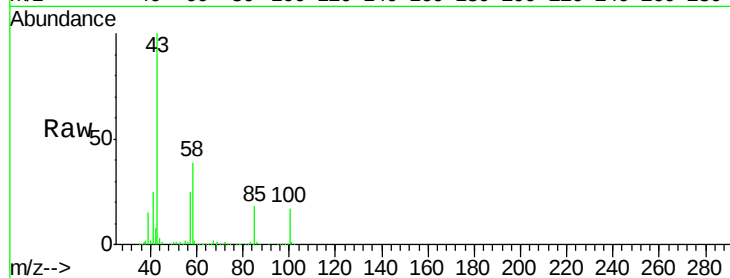
58 37.5 30.8 46.2

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#52

Toluene

Concen: 20.91 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001605.D

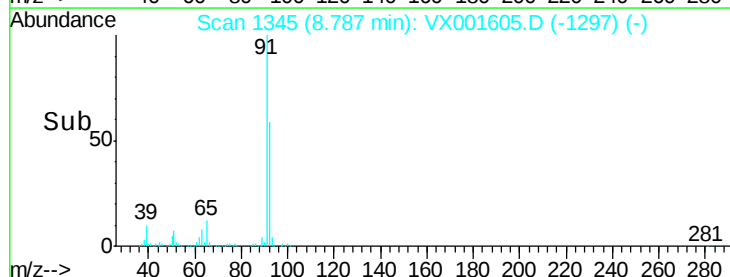
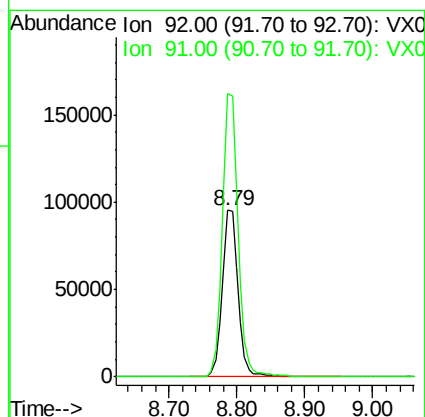
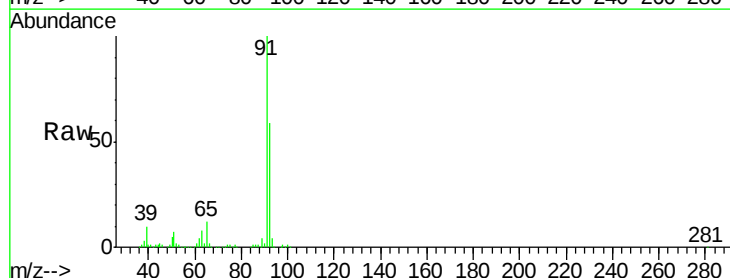
Acq: 10 May 2018 16:47

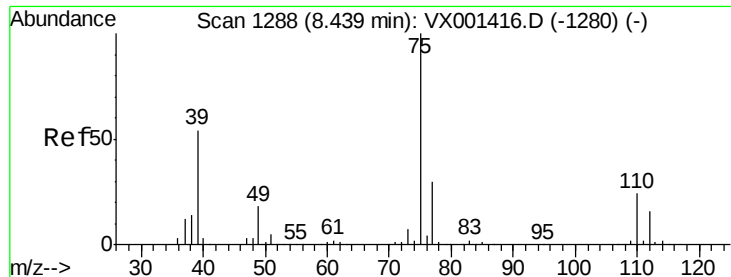
Tgt Ion: 92 Resp: 152932

Ion Ratio Lower Upper

92 100

91 169.9 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 20.92 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

Tot Ion: 75 Resp: 86359

Ion Ratio Lower Upper

75 100

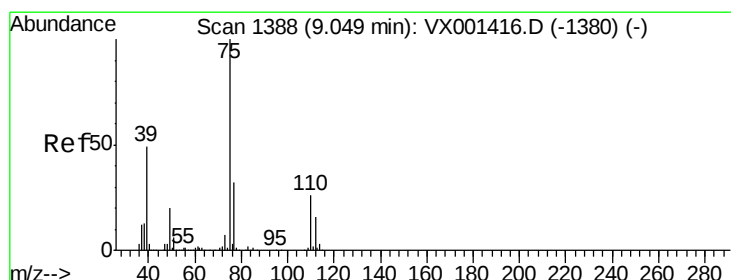
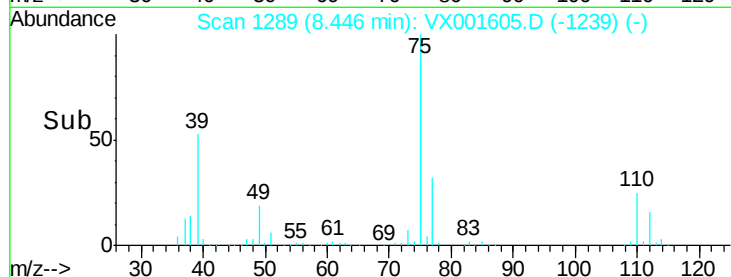
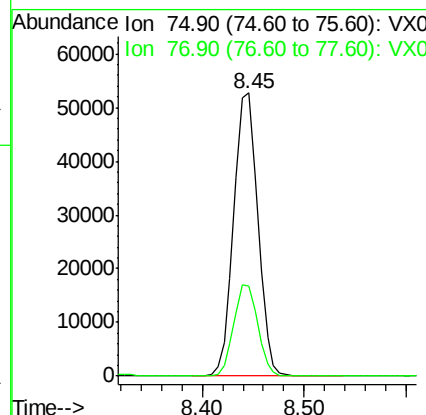
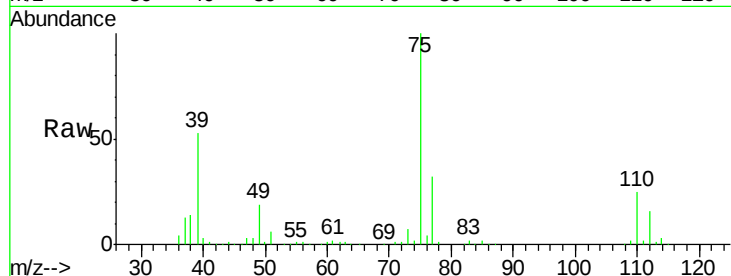
77 31.7 24.2 36.4

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#54

cis-1,3-Dichloropropene

Concen: 19.23 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

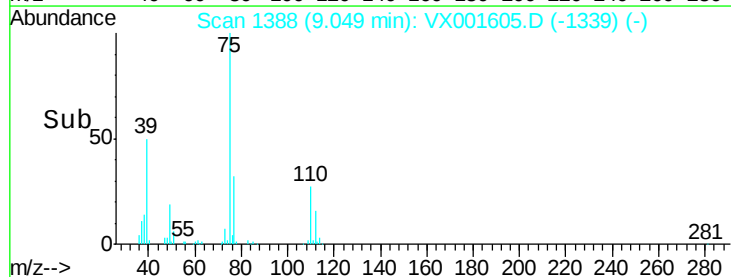
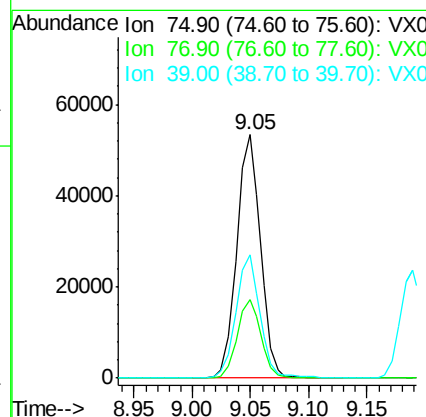
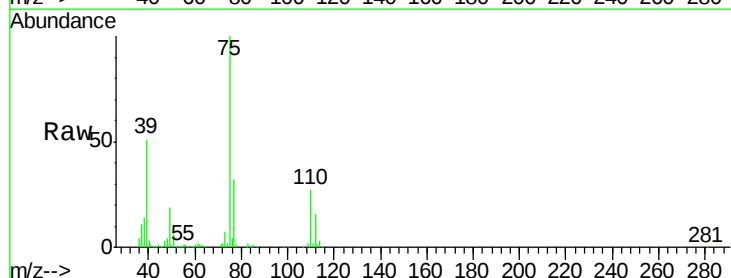
Tgt Ion: 75 Resp: 75853

Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3

39 50.3 38.9 58.3





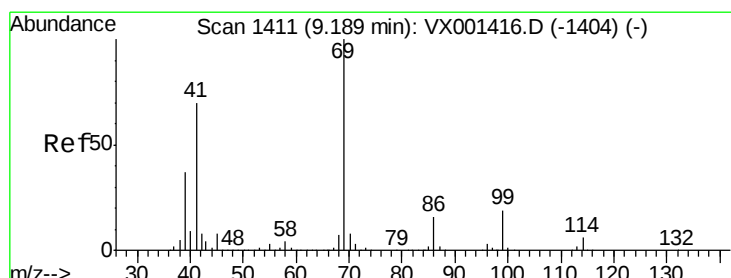
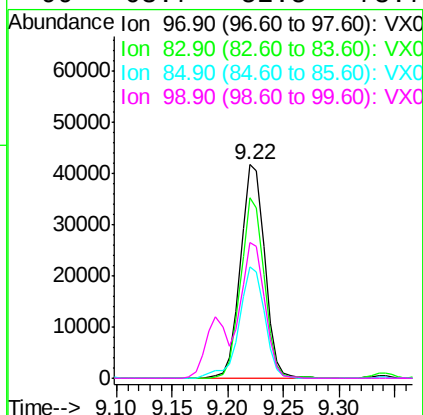
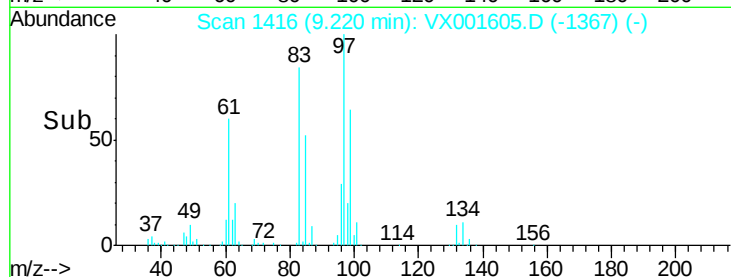
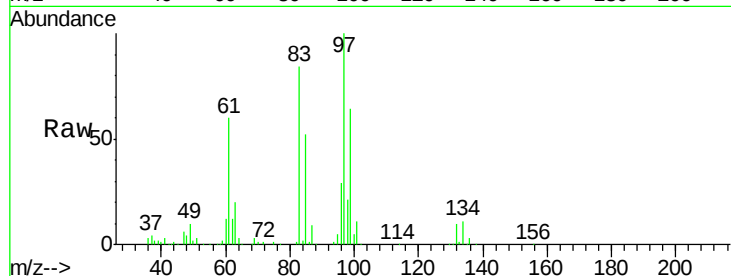
#55
 1,1,2-Trichloroethane
 Concen: 21.38 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001605.D
 Acq: 10 May 2018 16:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		62992		
83	84.3	67.4	101.0		
85	52.0	43.3	64.9		
99	63.7	52.5	78.7		

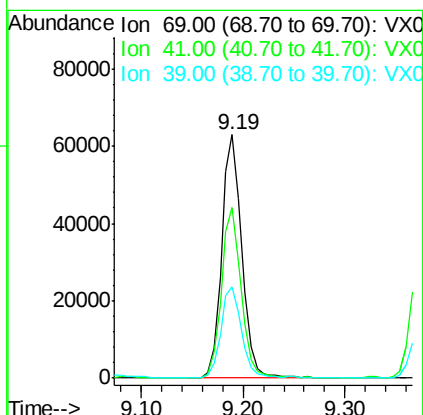
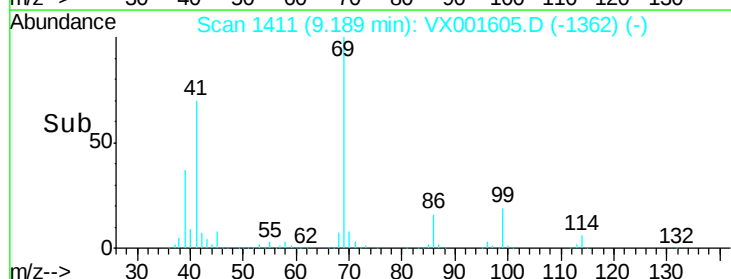
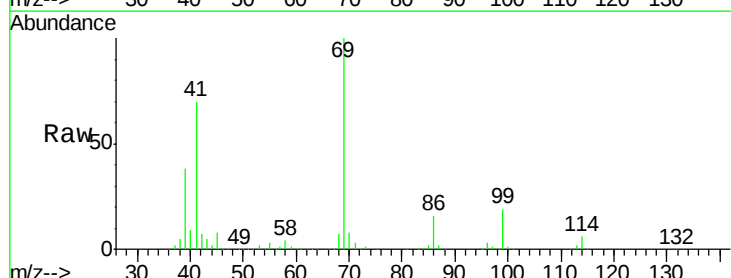
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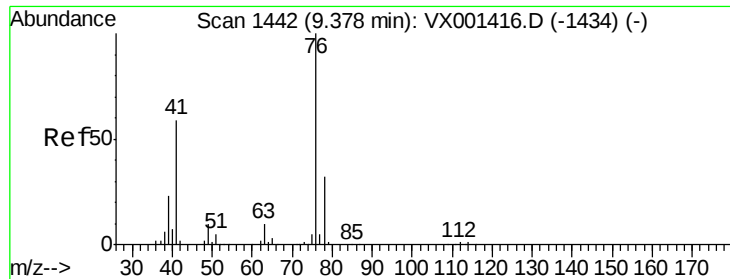
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#56
 Ethyl methacrylate
 Concen: 20.38 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001605.D
 Acq: 10 May 2018 16:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		86544		
41	68.8	55.1	82.7		
39	38.2	29.9	44.9		





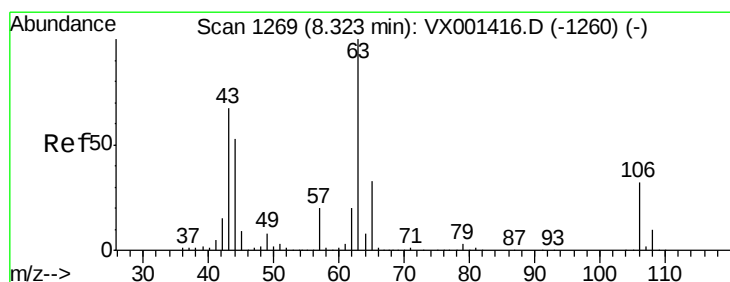
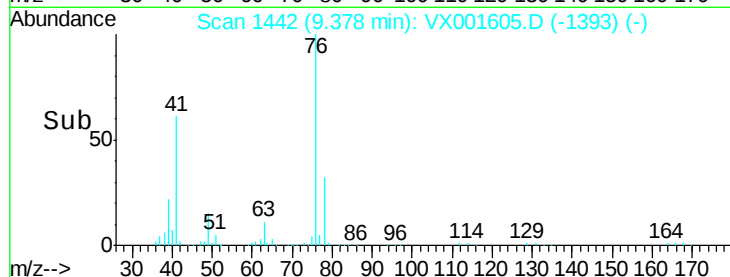
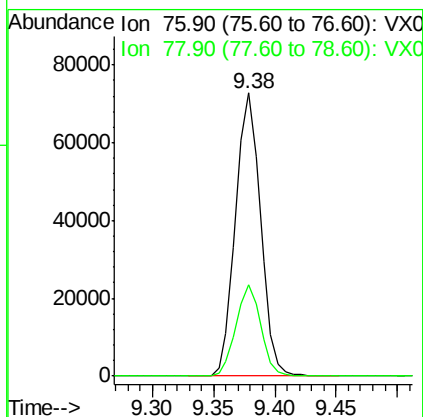
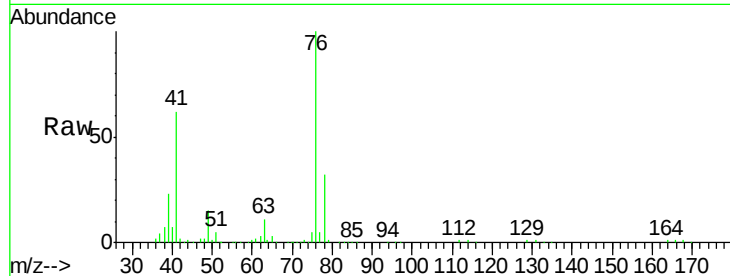
#57
 1,3-Dichloropropane
 Concen: 21.20 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001605.D
 Acq: 10 May 2018 16:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

Tot Ion: 76 Resp: 103286
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6

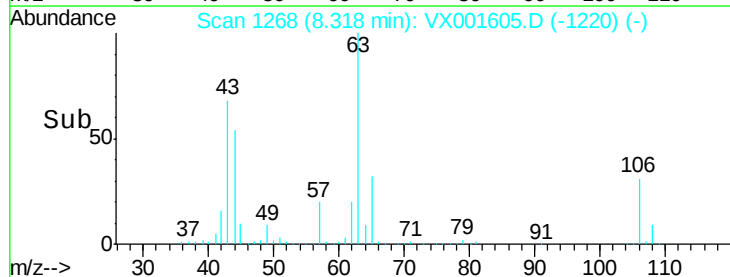
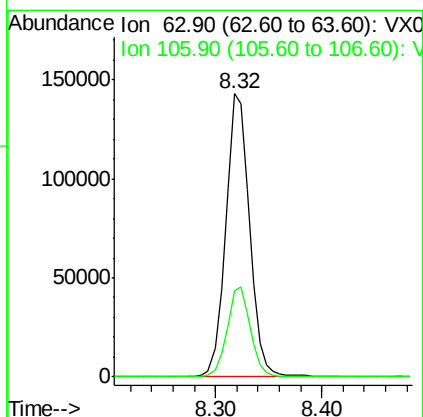
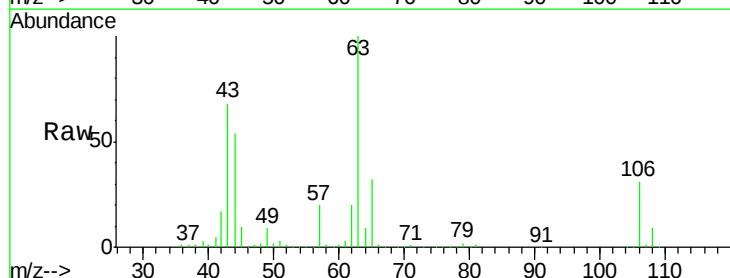
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#58
 2-Chloroethyl Vinyl ether
 Concen: 107.23 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001605.D
 Acq: 10 May 2018 16:47

Tgt Ion: 63 Resp: 223357
 Ion Ratio Lower Upper
 63 100
 106 31.4 25.4 38.0





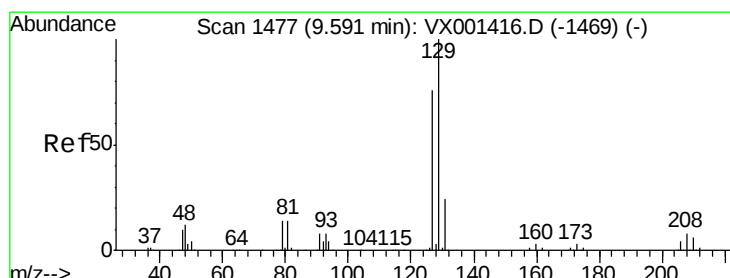
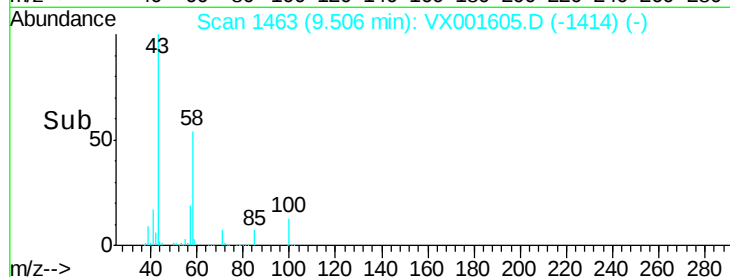
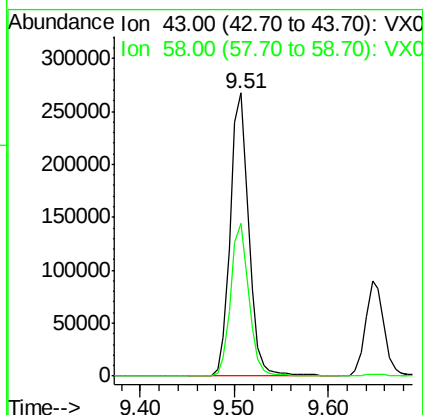
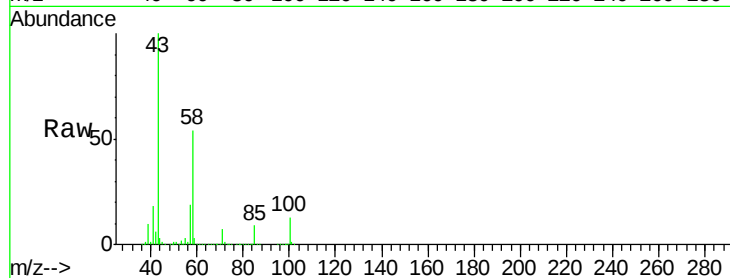
#59
2-Hexanone
Concen: 111.55 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.3	27.1	81.2

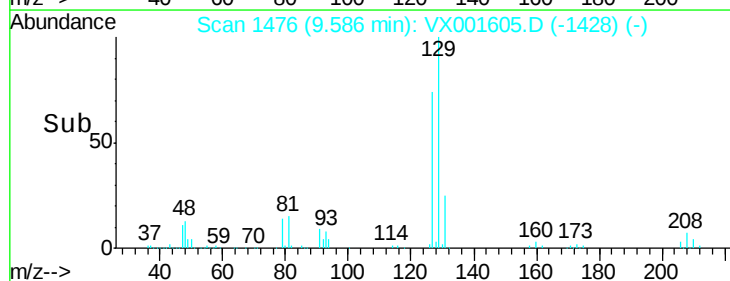
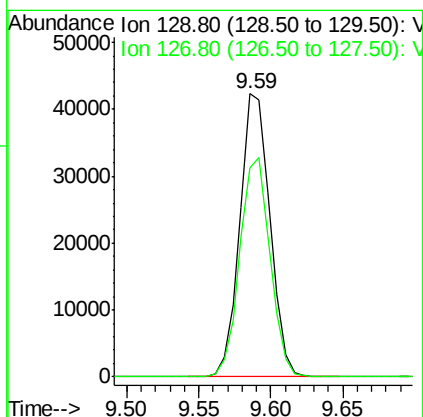
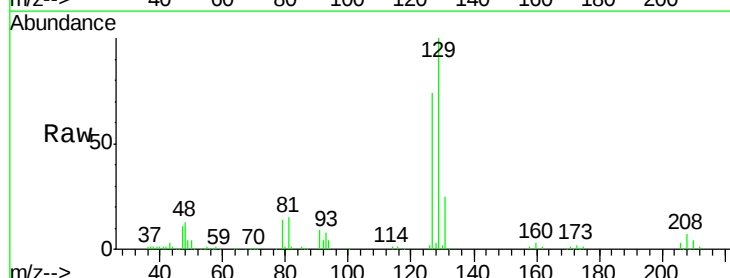
Manual Integrations
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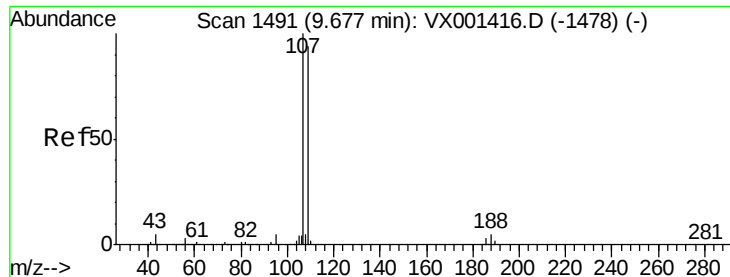
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#60
Dibromochloromethane
Concen: 20.38 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.9	38.1	114.5





#61

1,2-Dibromoethane

Concen: 21.42 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

Tot Ion:107 Resp: 66247

Ion Ratio Lower Upper

107 100

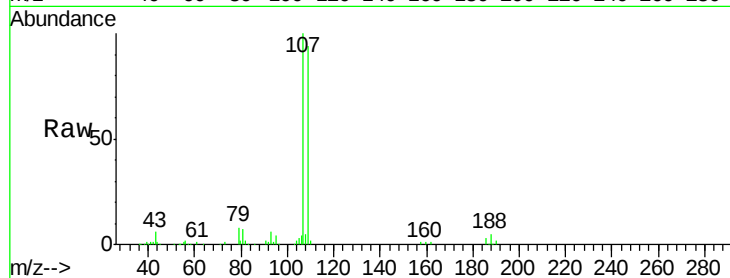
109 93.0 75.5 113.3

Manual Integrations

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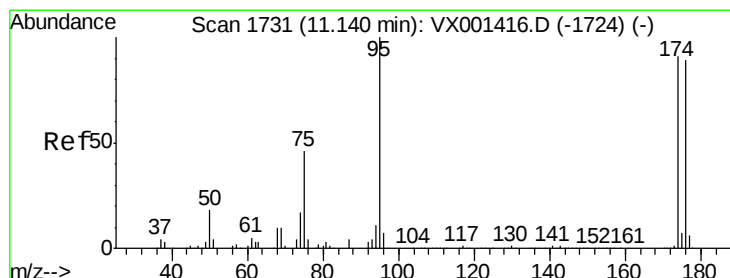
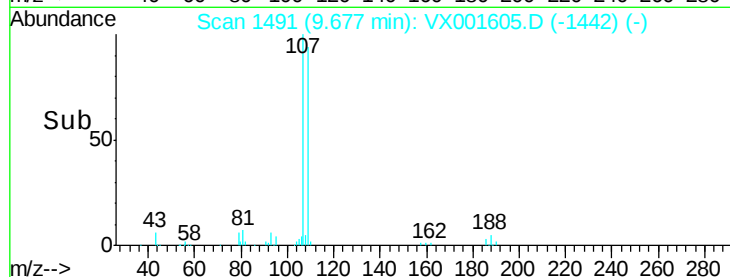
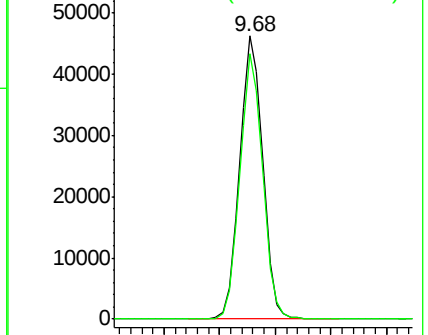
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.88 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

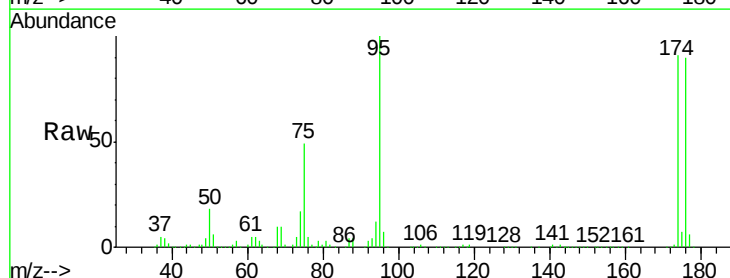
Tgt Ion: 95 Resp: 172130

Ion Ratio Lower Upper

95 100

174 99.4 0.0 202.0

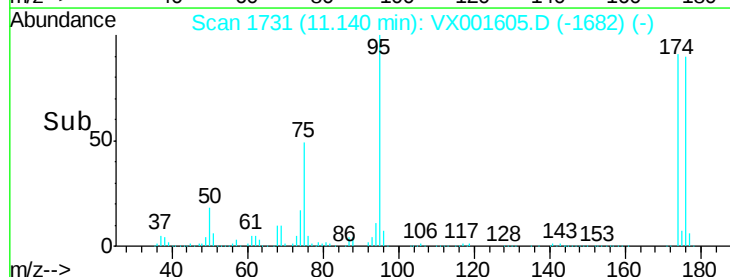
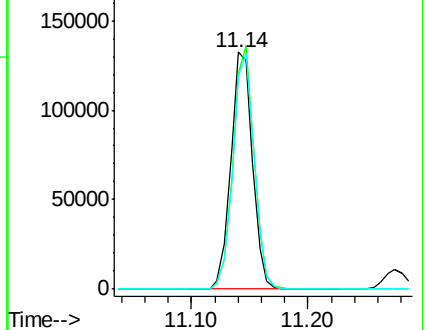
176 97.7 0.0 197.4

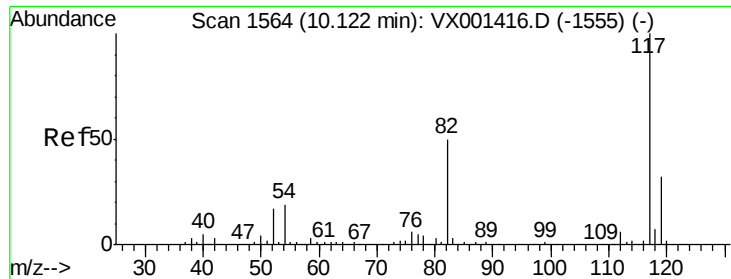


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





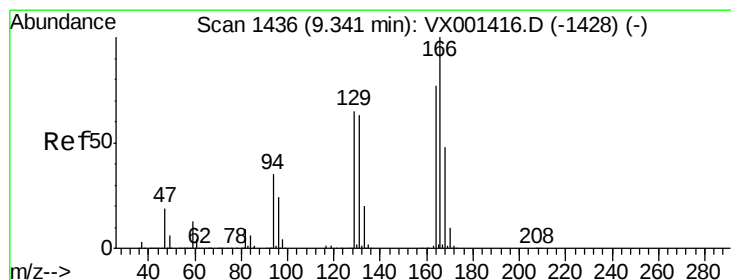
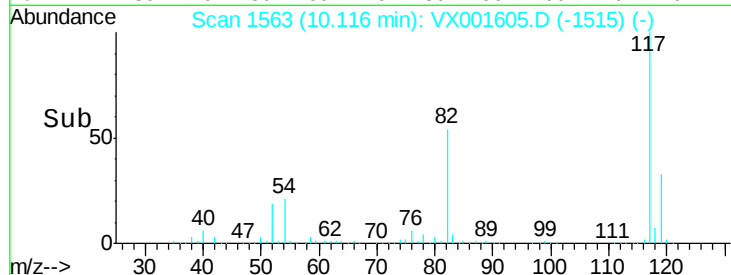
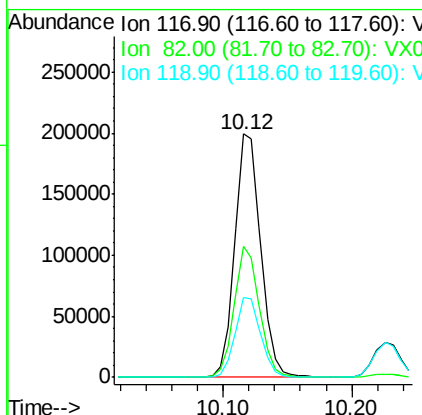
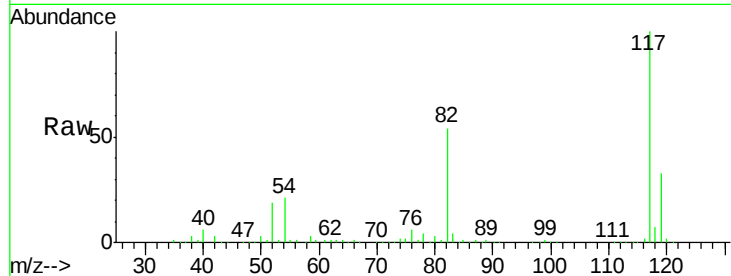
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	280168		
82	53.9	40.0	60.0	
119	32.7	25.8	38.8	

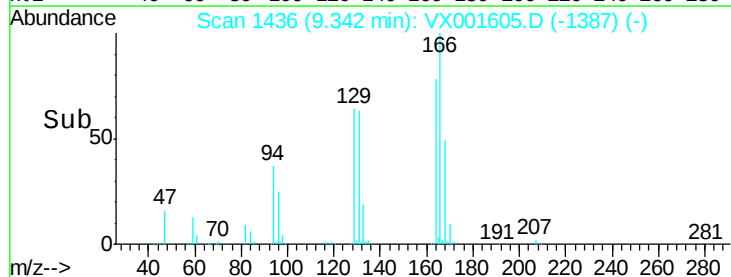
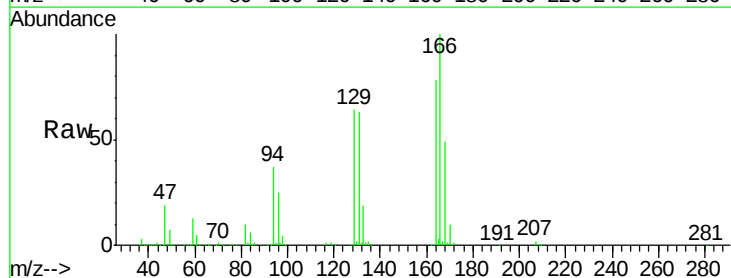
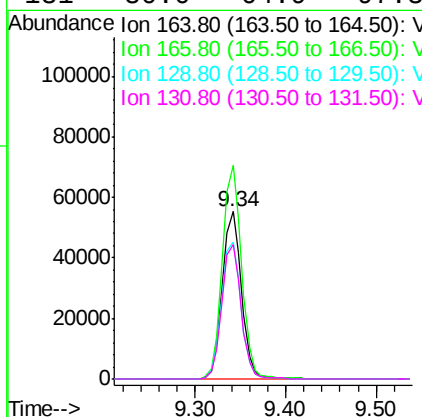
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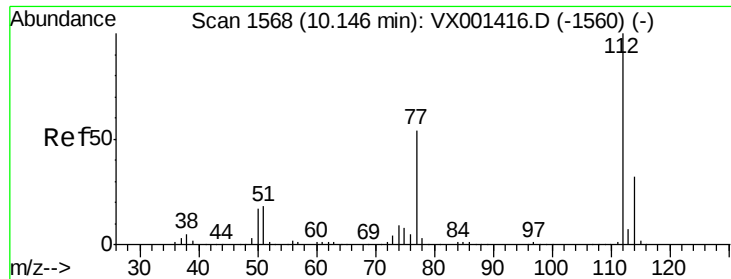
apatel
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#64
Tetrachloroethene
Concen: 21.01 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	82045		
166	127.6	103.5	155.3	
129	82.1	66.7	100.1	
131	80.0	64.9	97.3	





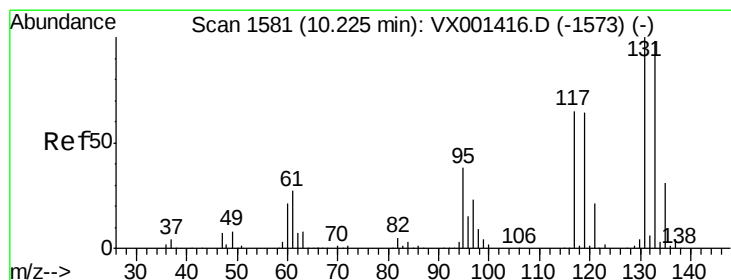
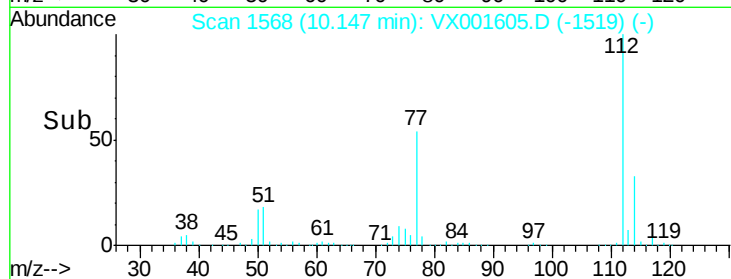
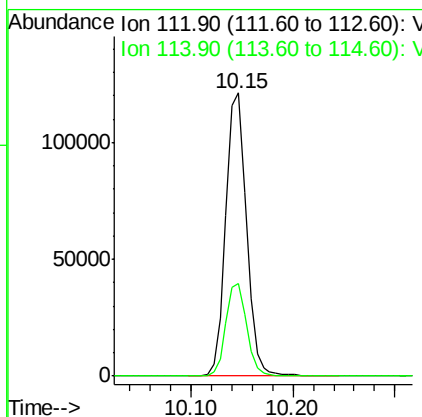
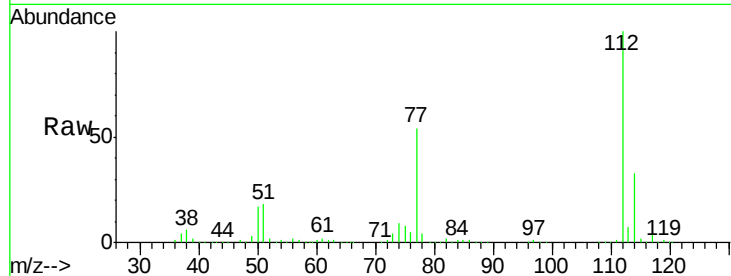
#65
Chlorobenzene
Concen: 20.86 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion:112 Resp: 171369
Ion Ratio Lower Upper
112 100
114 32.7 26.0 39.0

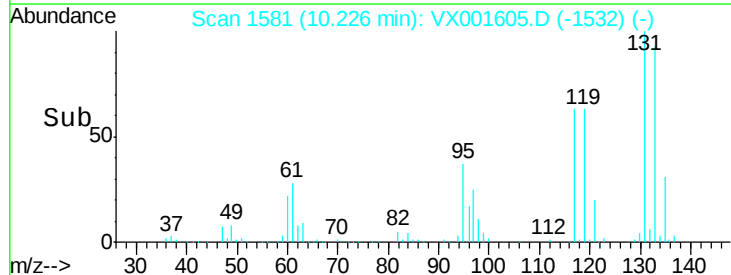
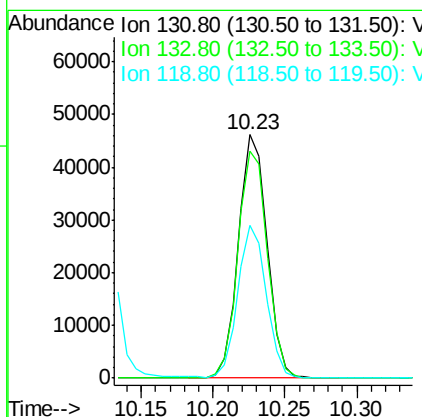
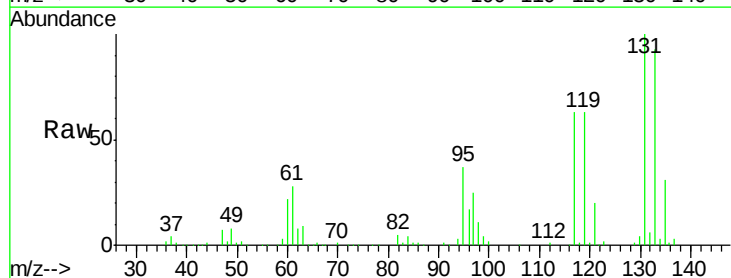
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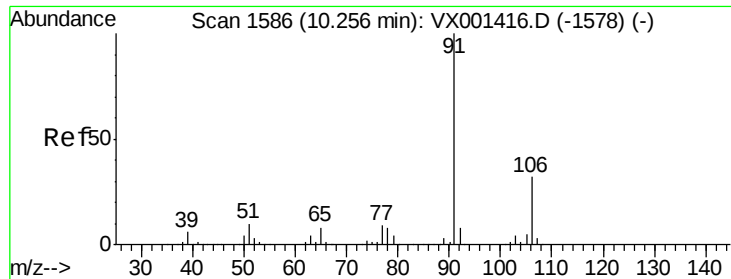
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.65 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Tgt Ion:131 Resp: 63639
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.8
119 62.7 31.1 93.3





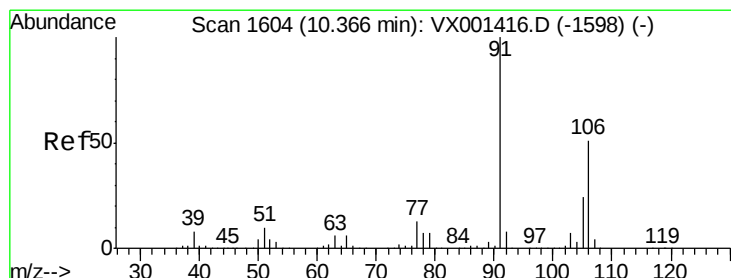
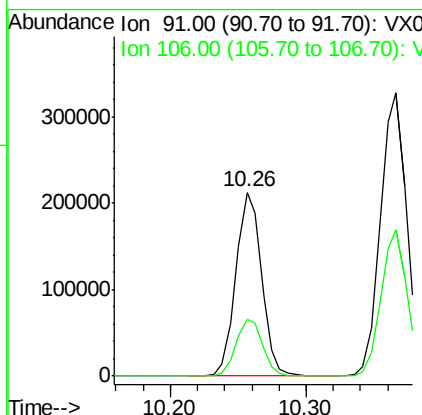
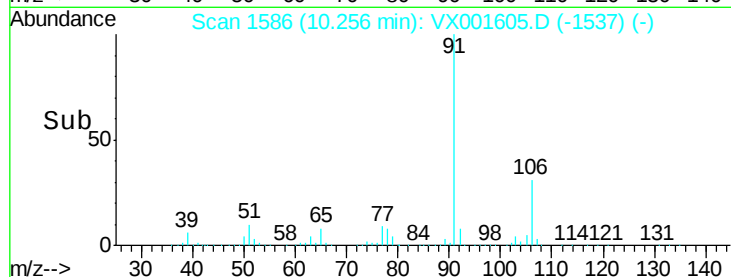
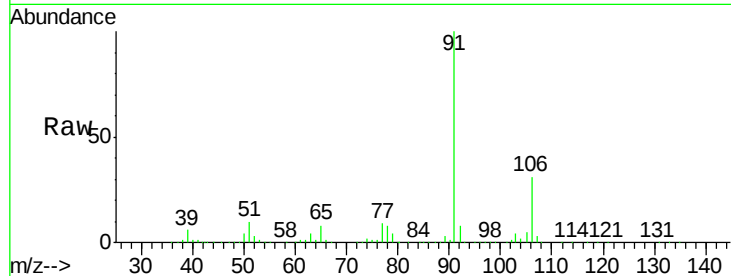
#67
Ethyl Benzene
Concen: 20.90 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Instrument :
MSVOA_X
ClientSampled :
VX0510WBSD01

Tot Ion: 91 Resp: 281533
Ion Ratio Lower Upper
91 100
106 30.9 25.5 38.3

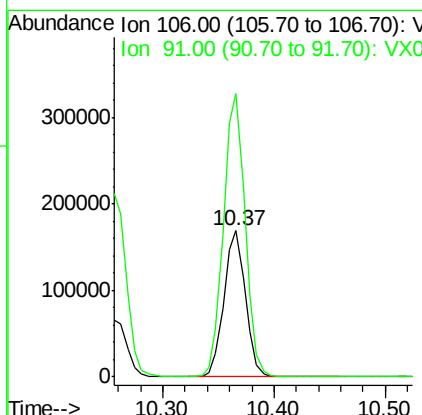
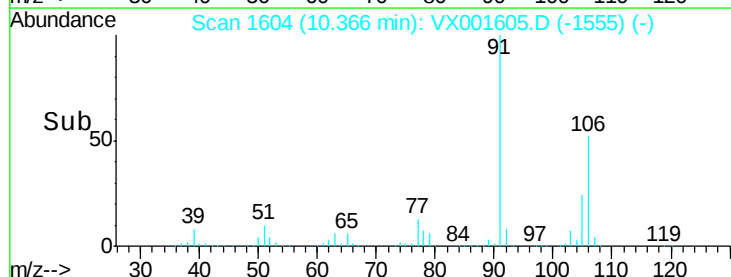
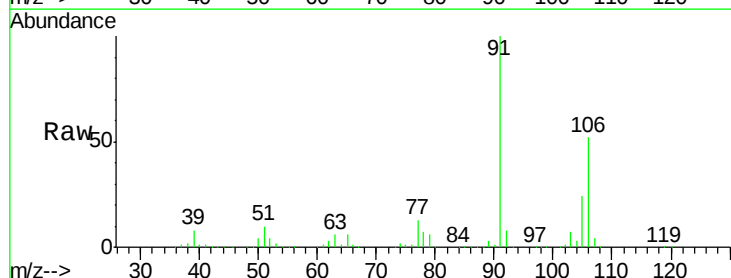
Manual Integrations
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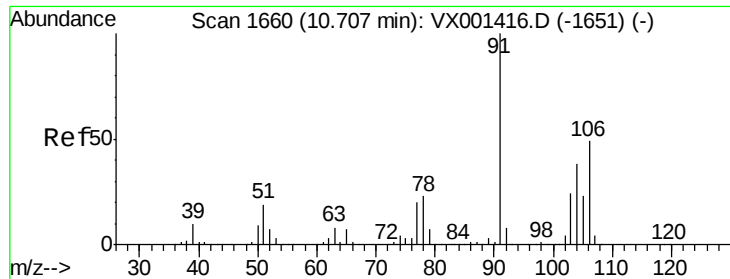
apatel
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#68
m/p-Xylenes
Concen: 42.32 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Tgt Ion: 106 Resp: 225195
Ion Ratio Lower Upper
106 100
91 197.2 157.5 236.3





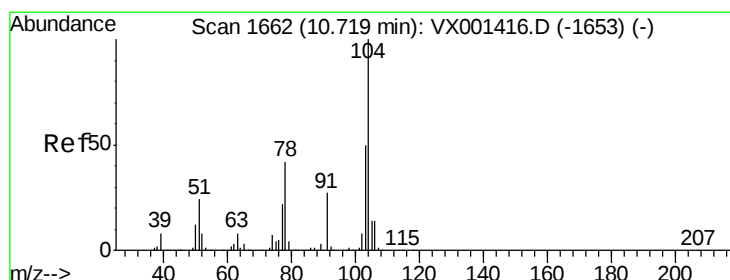
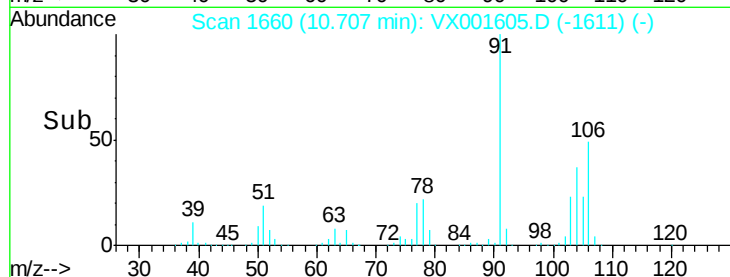
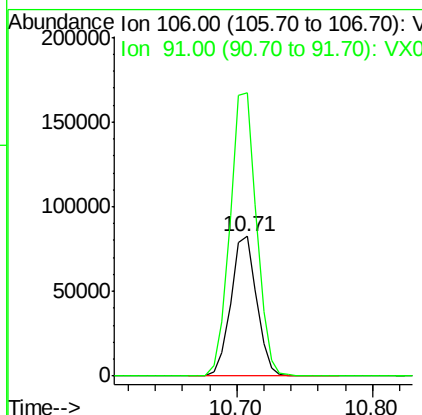
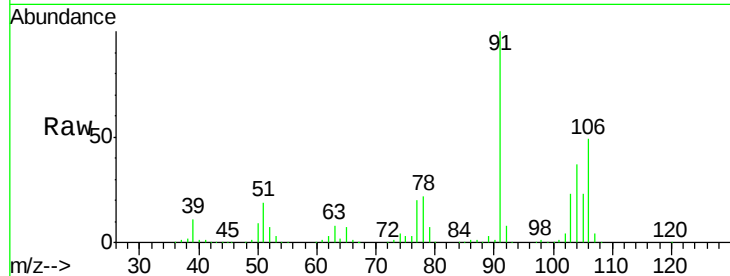
#69
o-Xylene
Concen: 21.09 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	109096		
91	207.8	103.1	309.1	

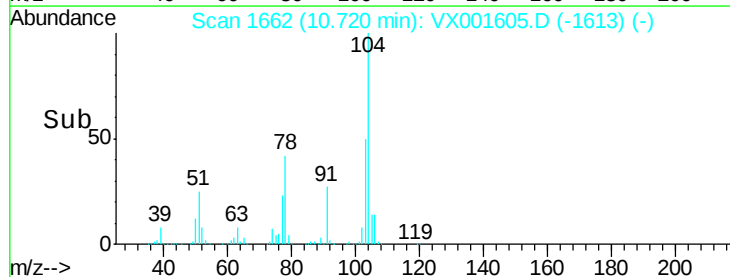
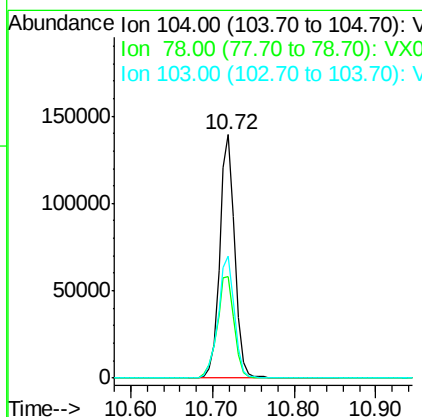
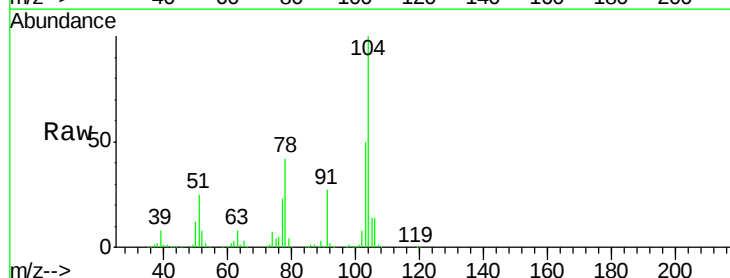
Manual Integrations
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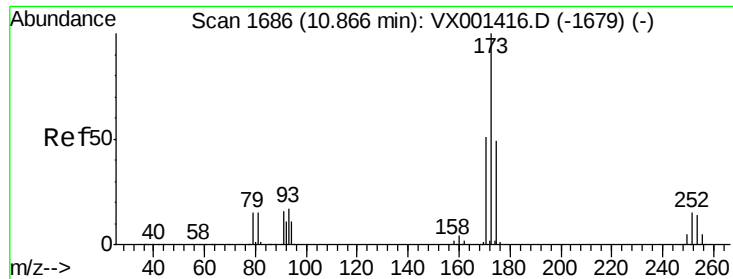
apatel
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#70
Styrene
Concen: 21.38 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	179644		
78	48.2	38.6	58.0	
103	54.7	44.0	66.0	





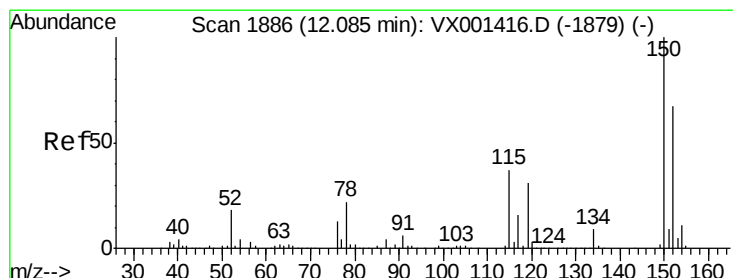
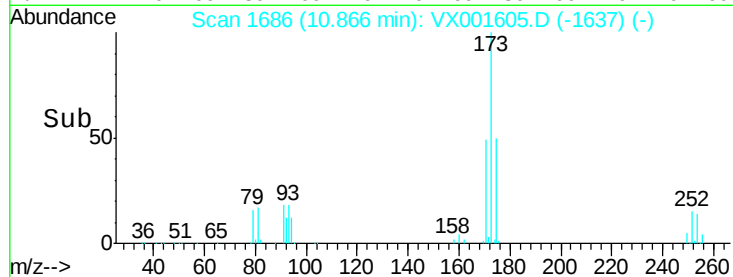
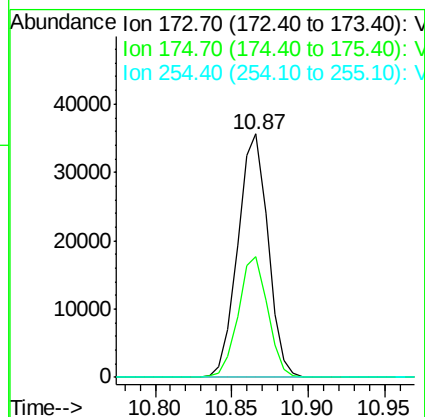
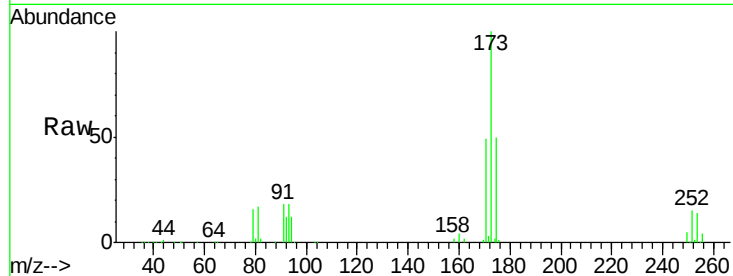
#71
Bromoform
Concen: 19.54 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.5	73.5
254	0.1	0.2	0.2#

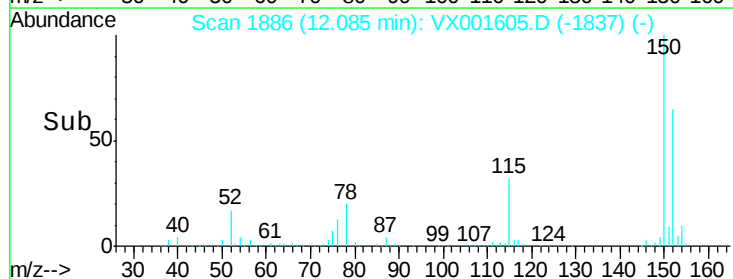
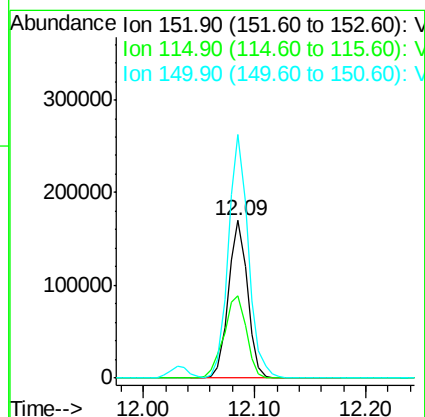
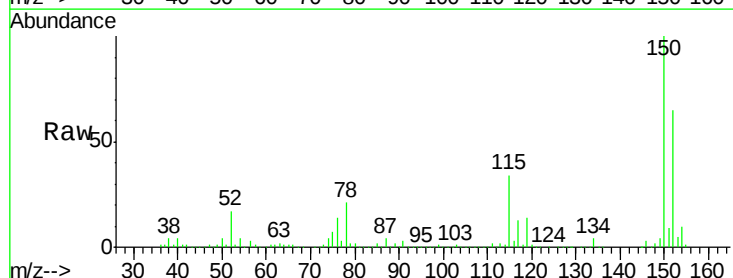
Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.0	37.7	113.1
150	162.3	0.0	349.4





#73

Isopropylbenzene

Concen: 21.17 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Instrument :

MSVOA_X

ClientSampleID :

VX0510WBSD01

Tot Ion: 105 Resp: 293983

Ion Ratio Lower Upper

105 100

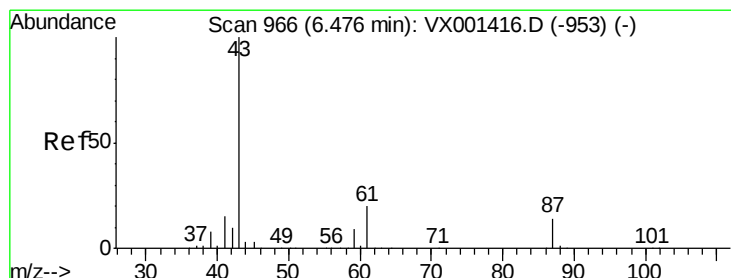
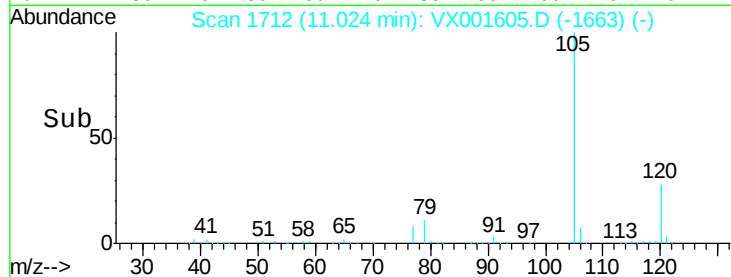
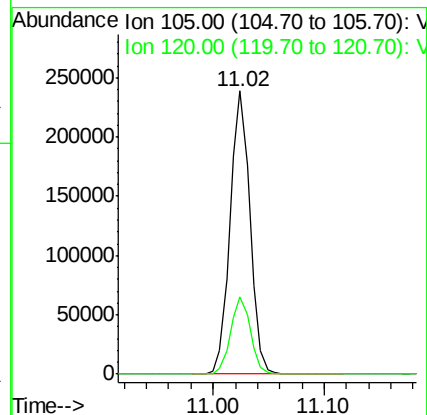
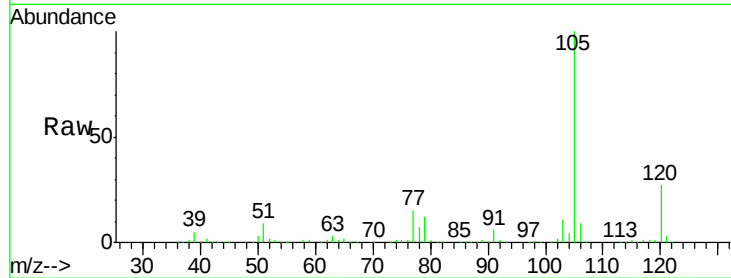
120 27.1 13.6 40.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 21.48 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Tgt Ion: 43 Resp: 135486

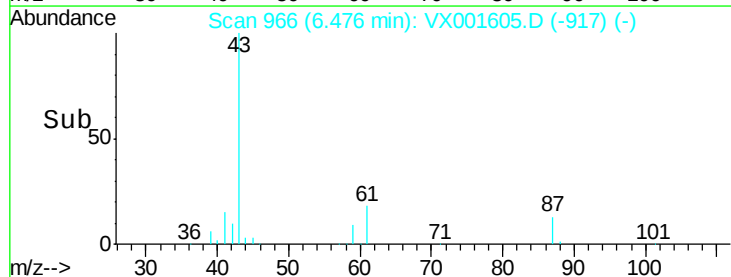
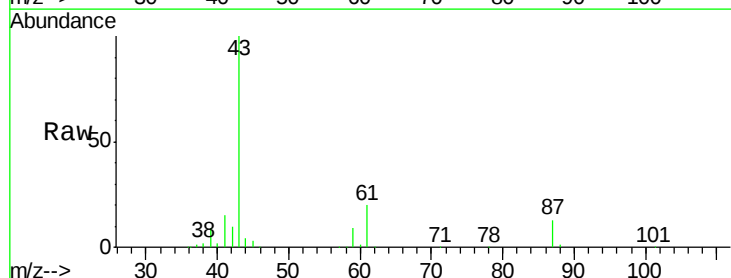
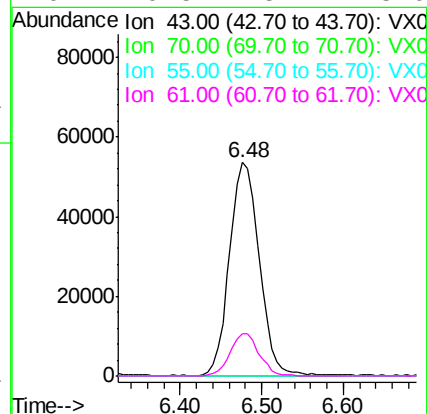
Ion Ratio Lower Upper

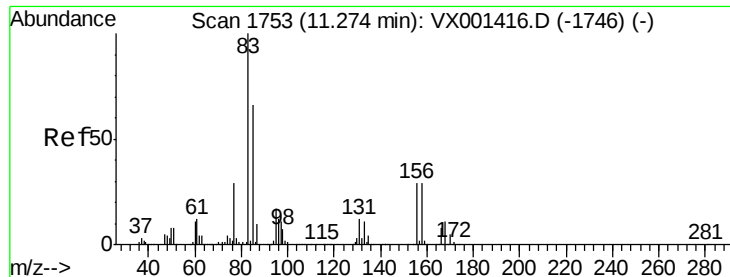
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.5 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.57 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Instrument :

MSVOA_X

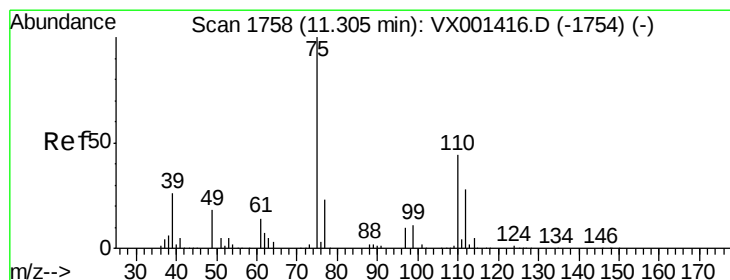
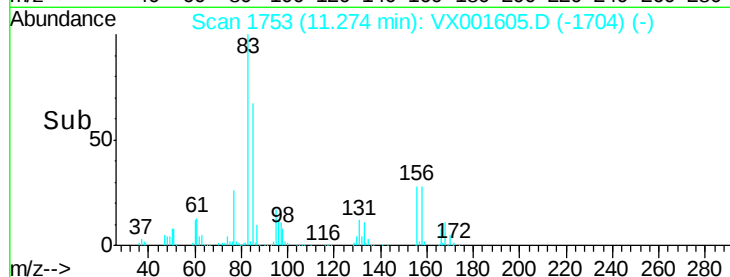
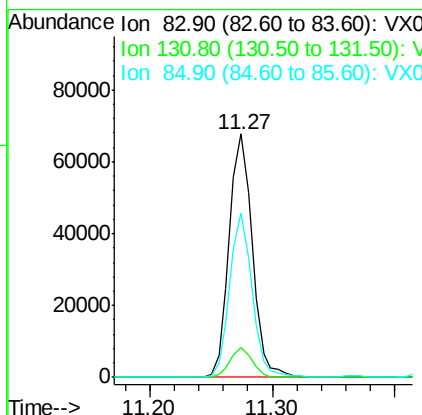
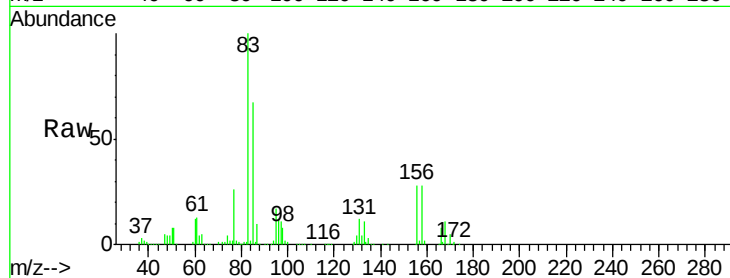
ClientSampleId :

VX0510WBSD01

Tot Ion:	83	Resp:	88470
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.8	17.4
85	65.5	32.7	98.1

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#76

1,2,3-Trichloropropane

Concen: 21.86 ug/l m

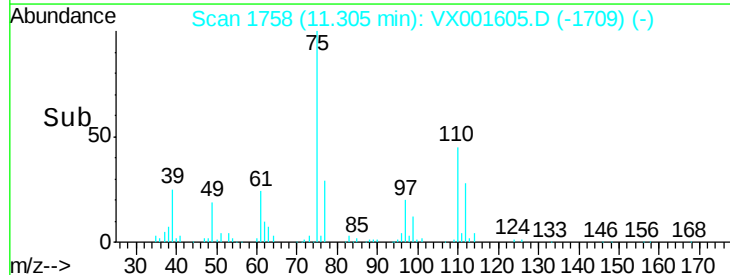
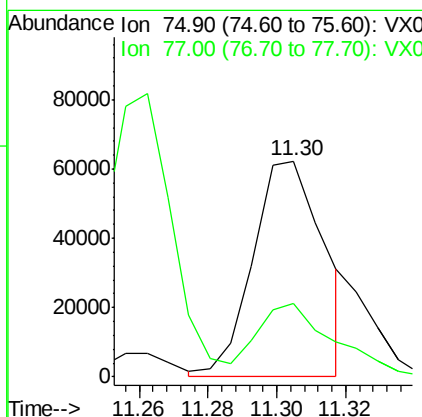
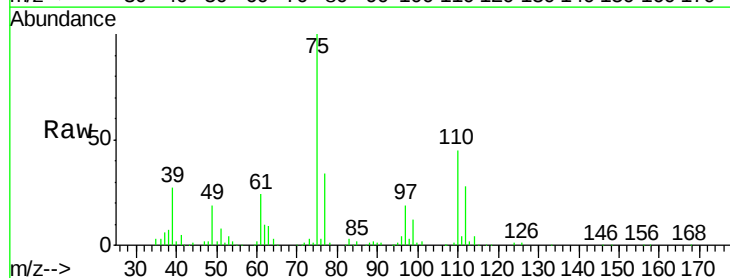
RT: 11.30 min Scan# 1758

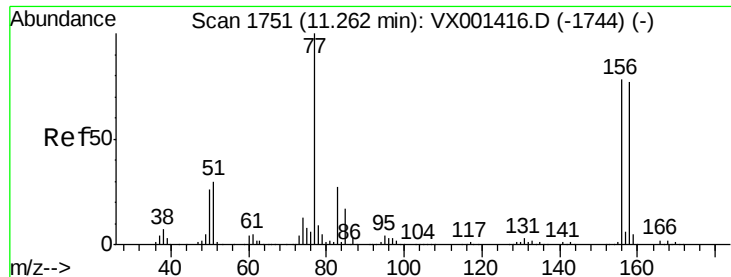
Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Tgt Ion:	75	Resp:	88921
Ion Ratio	Lower	Upper	
75	100		
77	36.9	19.6	58.7





#77

Bromobenzene

Concen: 20.53 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

Tot Ion:156 Resp: 82874

Ion Ratio Lower Upper

156 100

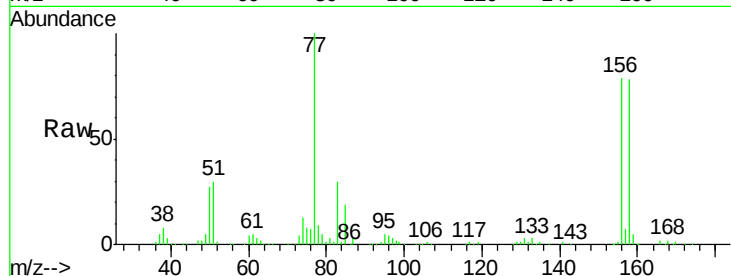
77 133.5 66.0 198.2

158 99.6 49.4 148.2

Manual Integrations
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apatel

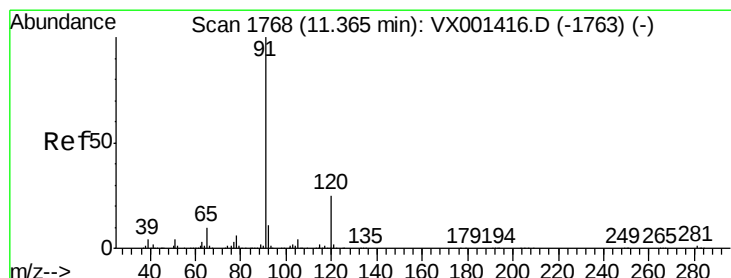
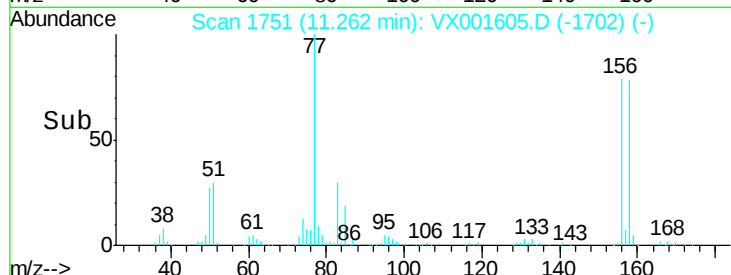
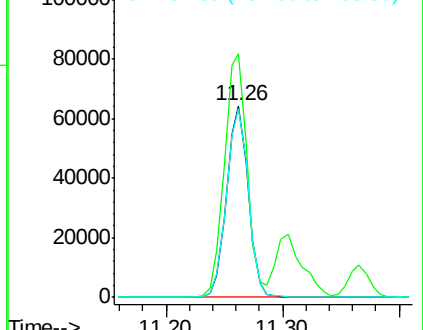
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.54 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001605.D

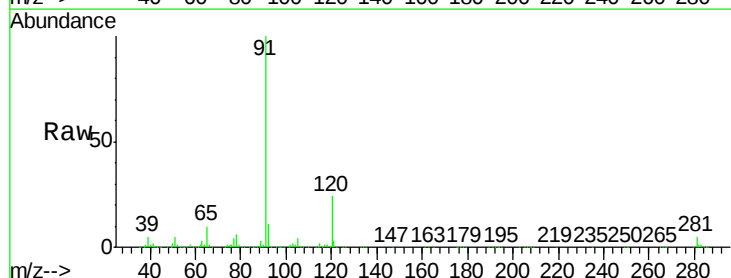
Acq: 10 May 2018 16:47

Tgt Ion: 91 Resp: 325712

Ion Ratio Lower Upper

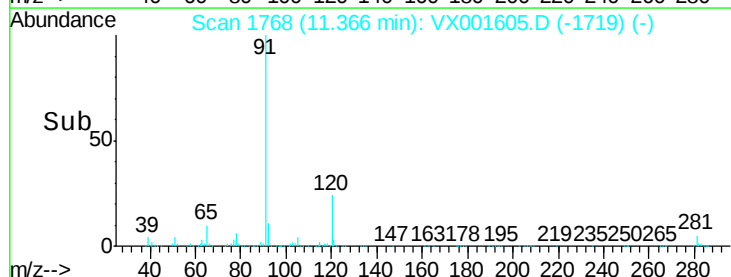
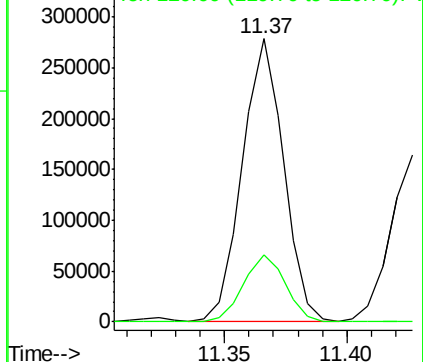
91 100

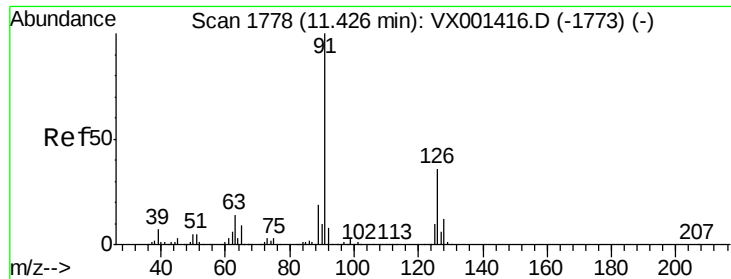
120 24.4 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.18 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

Tot Ion: 91 Resp: 197084

Ion Ratio Lower Upper

91 100

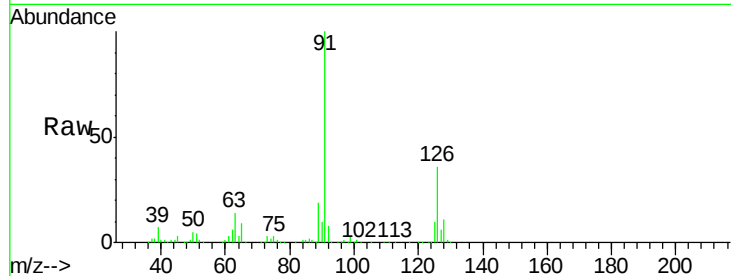
126 36.7 18.1 54.4

Manual Integrations

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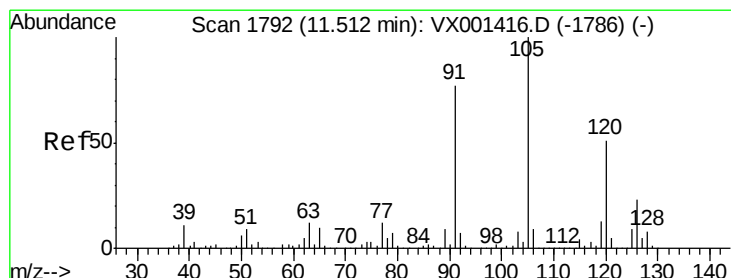
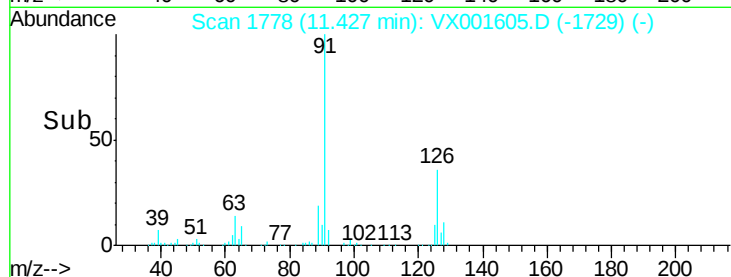
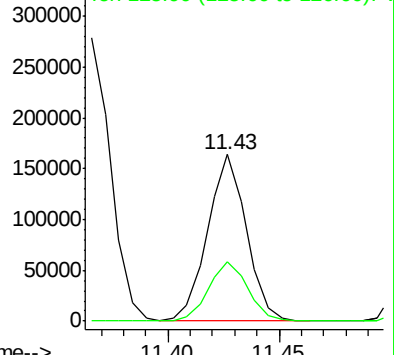
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.16 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001605.D

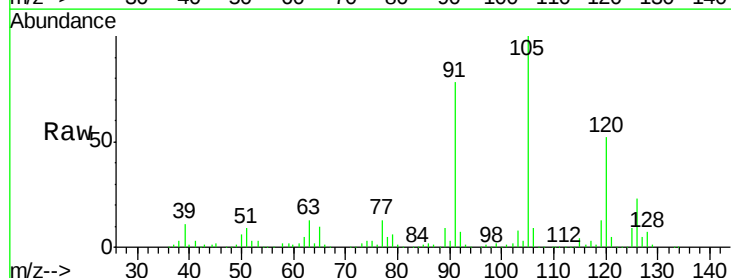
Acq: 10 May 2018 16:47

Tgt Ion:105 Resp: 244695

Ion Ratio Lower Upper

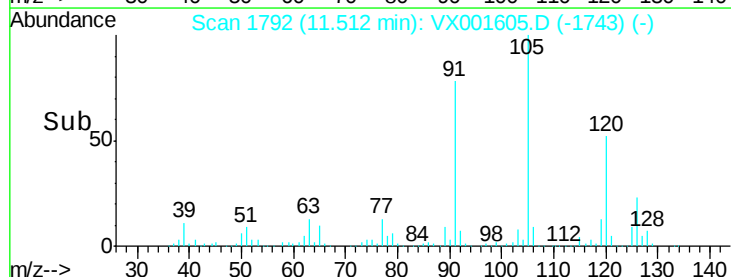
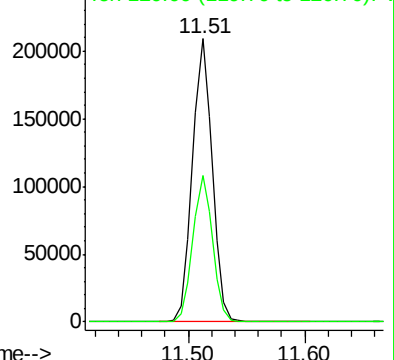
105 100

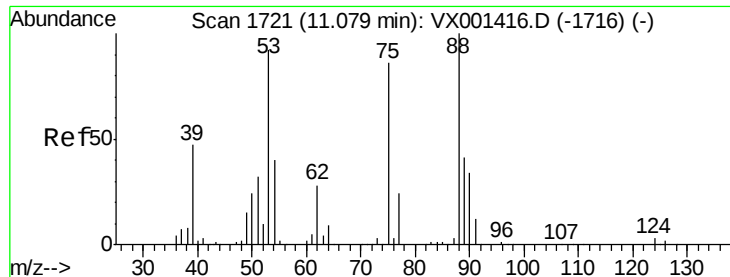
120 51.7 25.7 77.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.05 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

Tot Ion: 75 Resp: 22006

Ion Ratio Lower Upper

75 100

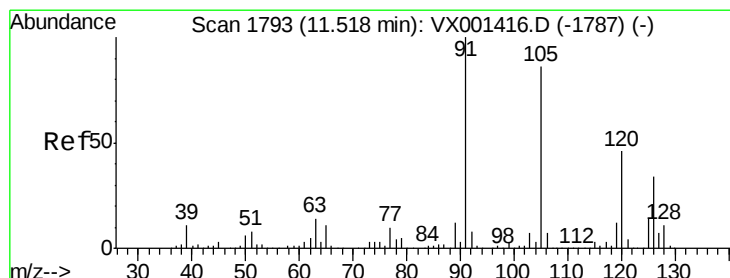
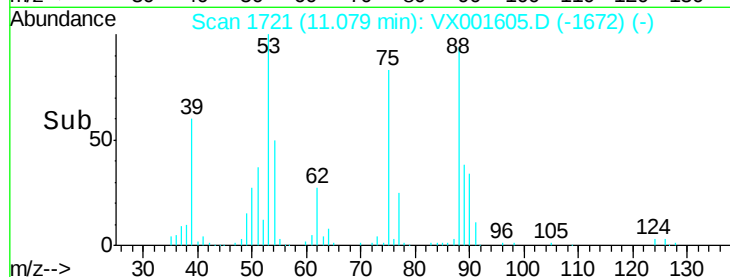
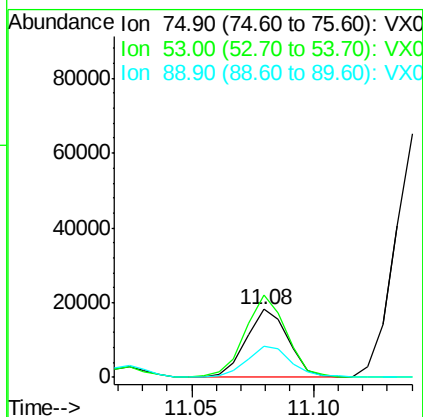
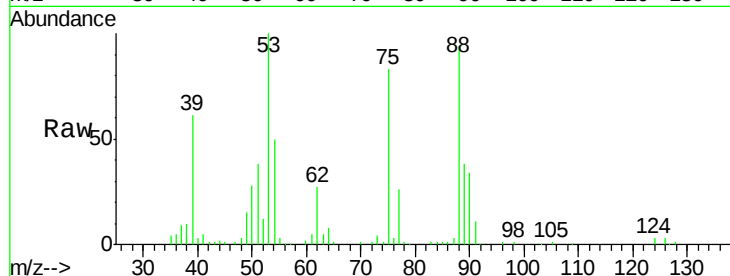
53 117.0 84.5 126.7

89 48.6 39.5 59.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.31 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001605.D

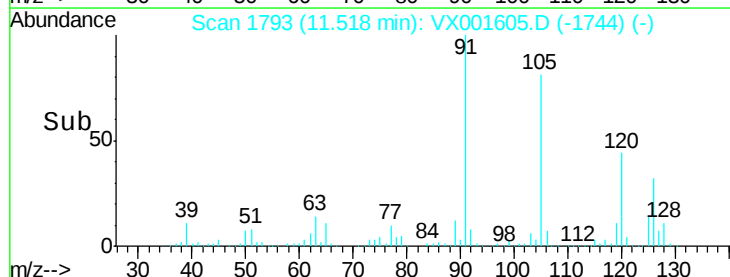
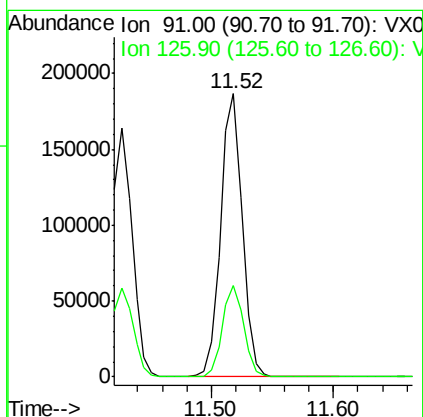
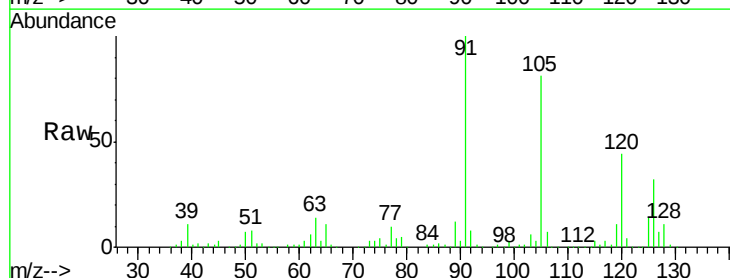
Acq: 10 May 2018 16:47

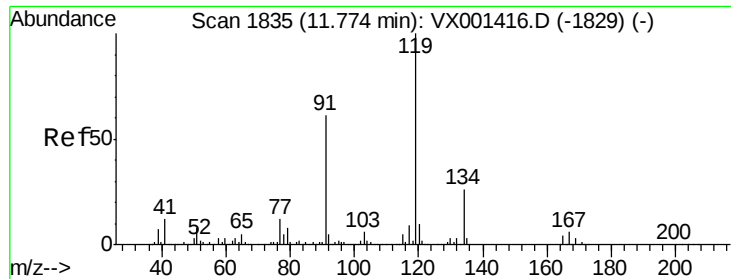
Tgt Ion: 91 Resp: 228816

Ion Ratio Lower Upper

91 100

126 31.8 16.2 48.5





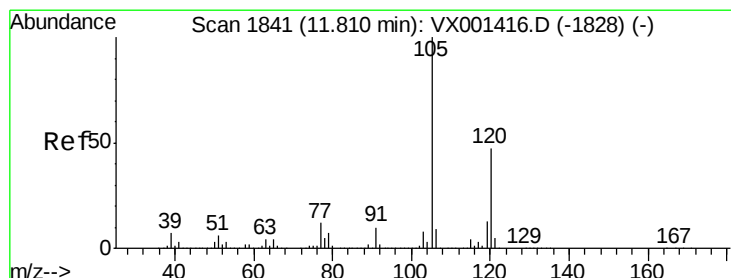
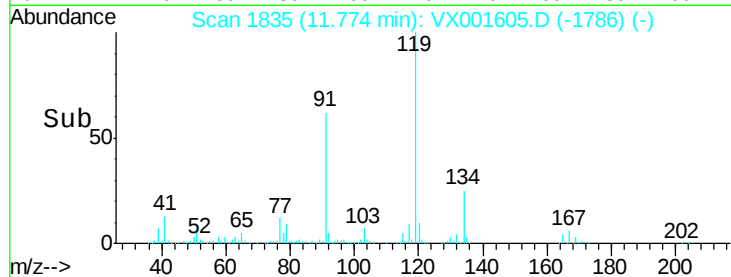
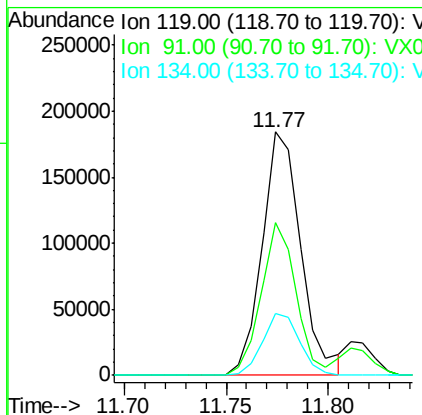
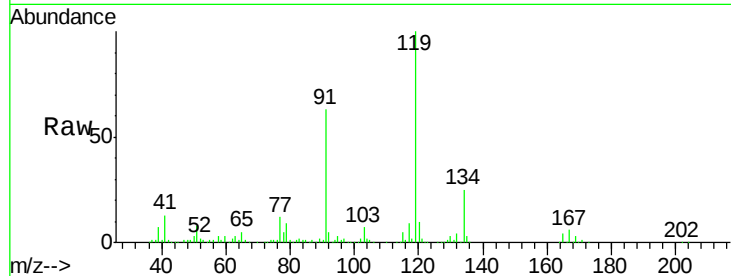
#83
tert-Butylbenzene
Concen: 21.17 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.6	27.8	83.3
134	24.6	12.4	37.0

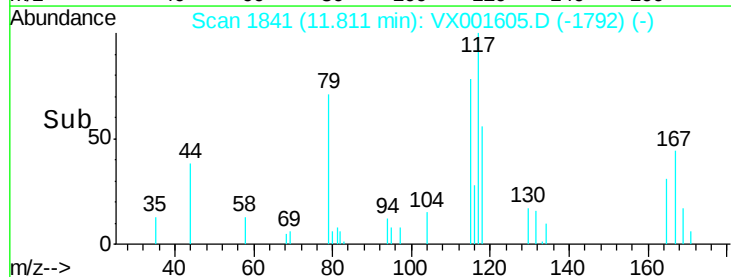
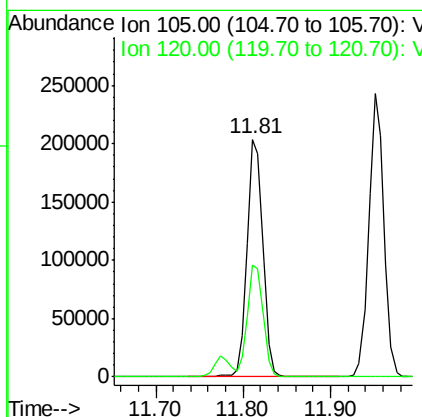
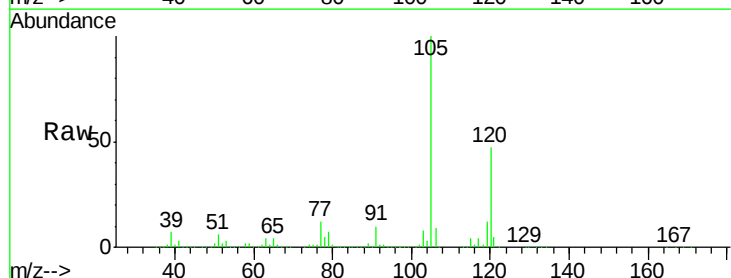
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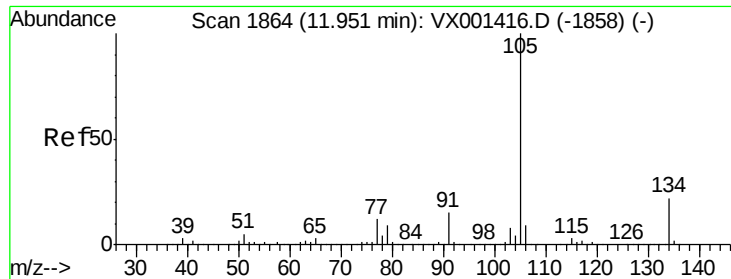
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#84
1,2,4-Trimethylbenzene
Concen: 21.28 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.4	70.2





#85

sec-Butylbenzene

Concen: 21.31 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

Tot Ion:105 Resp: 294299

Ion Ratio Lower Upper

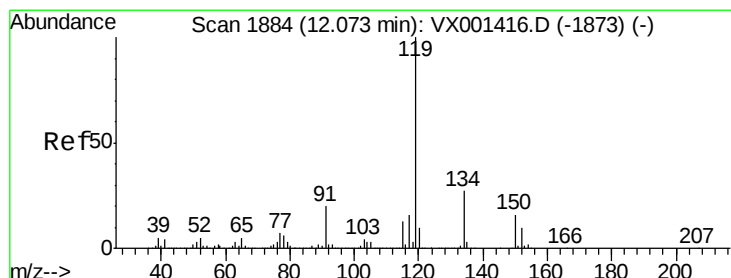
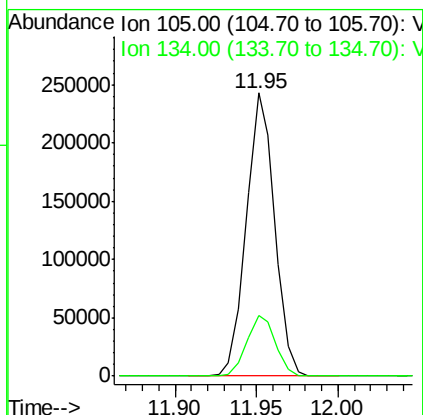
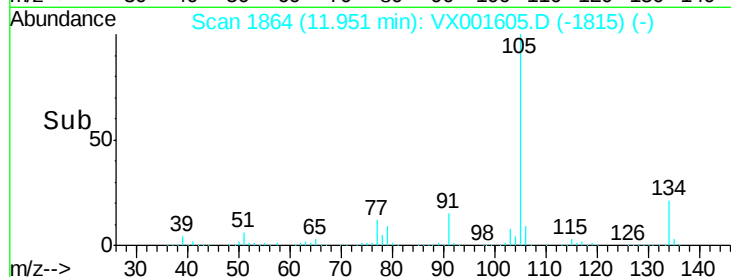
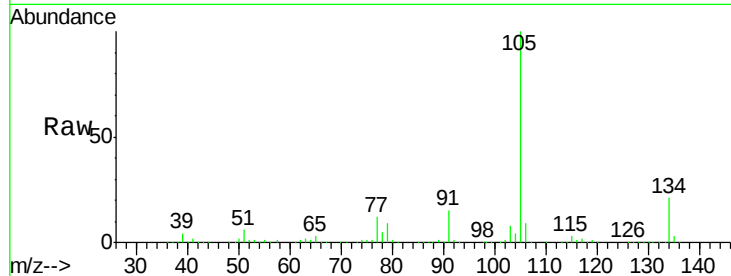
105 100

134 21.8 10.9 32.9

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 21.25 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

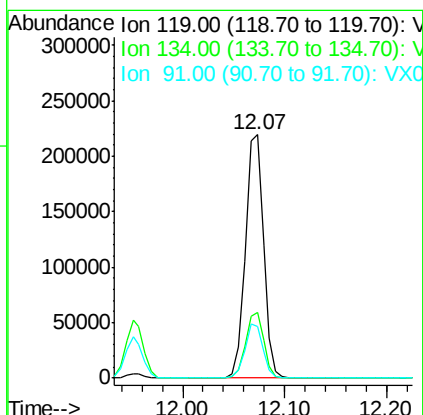
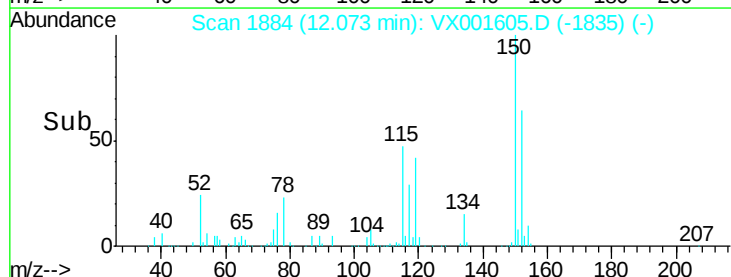
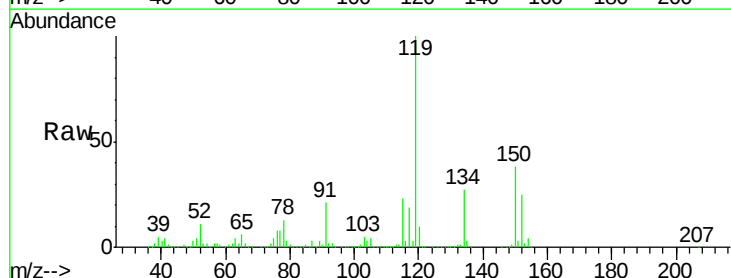
Tgt Ion:119 Resp: 269242

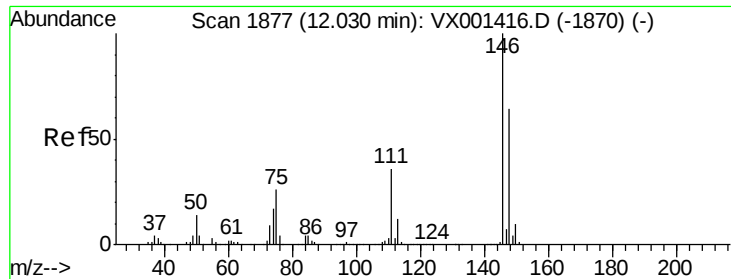
Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

91 22.2 10.8 32.3





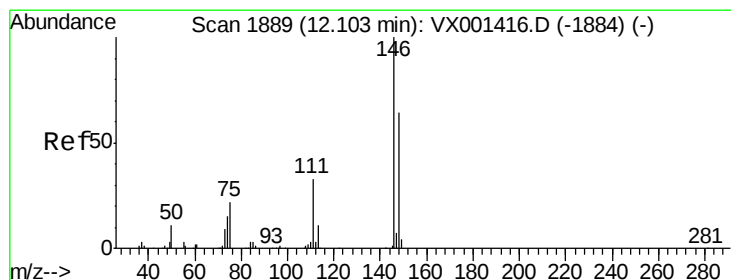
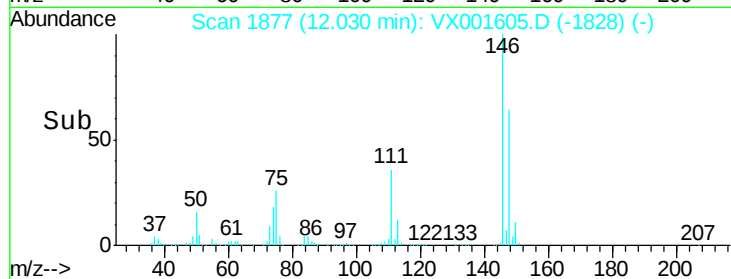
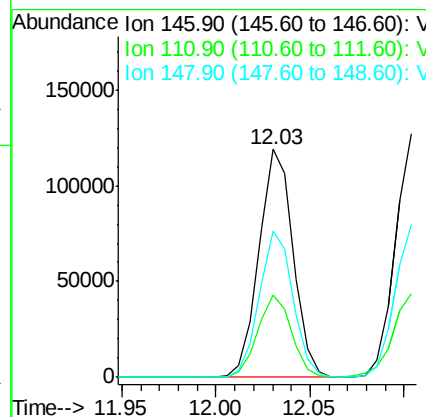
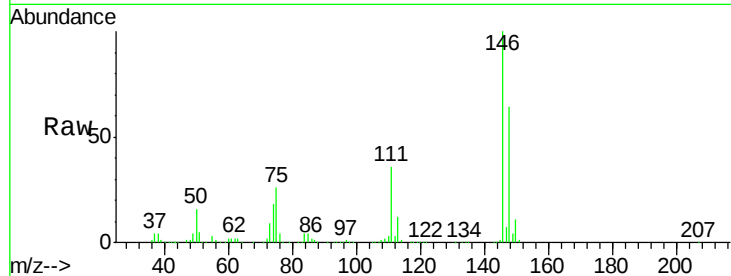
#87
 1,3-Dichlorobenzene
 Concen: 20.67 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001605.D
 Acq: 10 May 2018 16:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.1	54.1
148	63.5	32.1	96.5

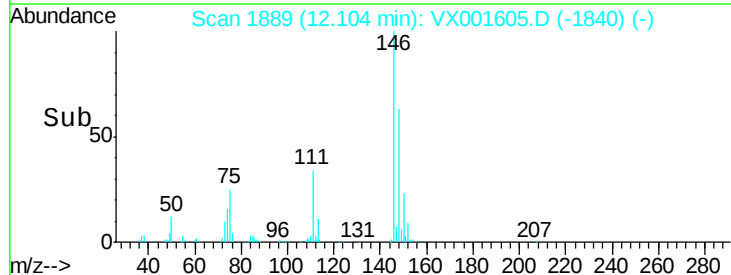
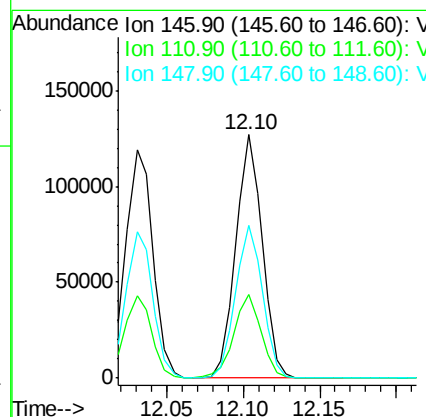
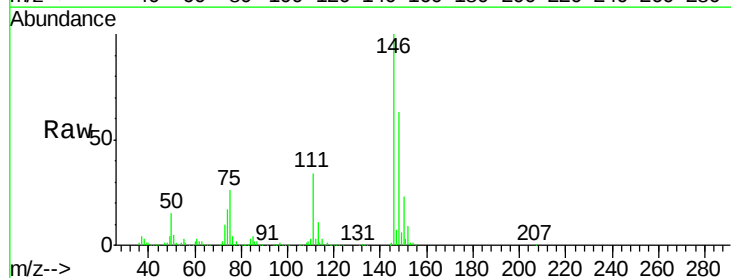
Manual Integrations
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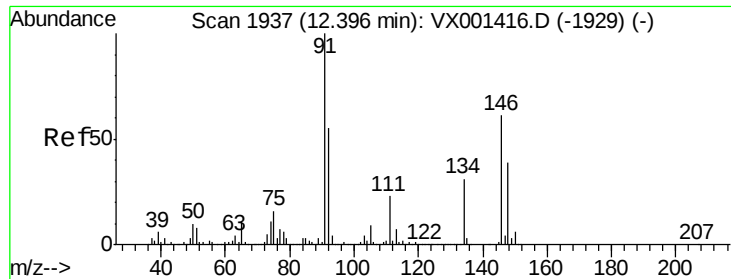
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#88
 1,4-Dichlorobenzene
 Concen: 20.64 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001605.D
 Acq: 10 May 2018 16:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	17.4	52.3
148	64.2	32.2	96.6





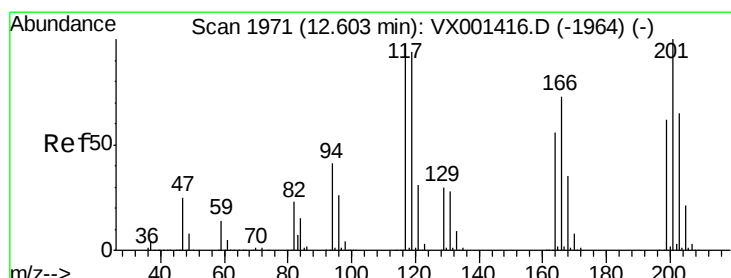
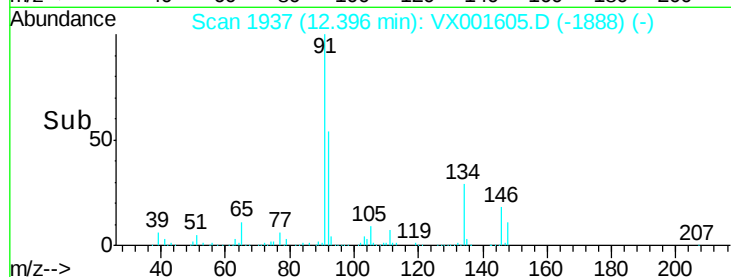
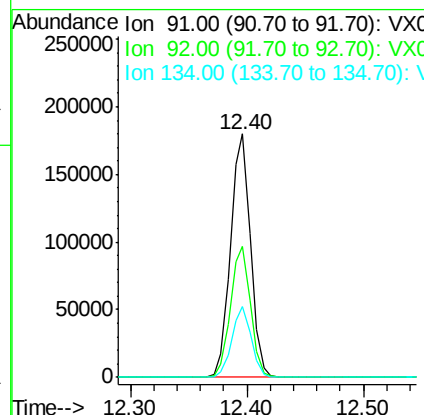
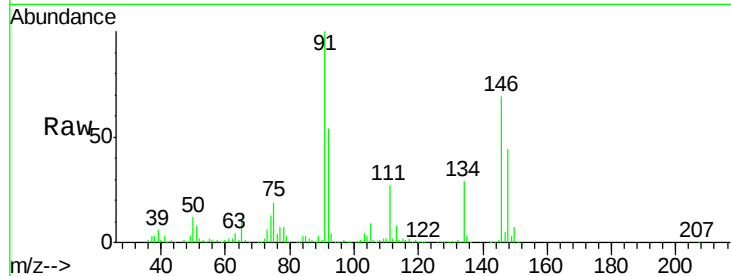
#89
n-Butylbenzene
Concen: 20.28 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.2	81.5
134	28.4	14.6	44.0

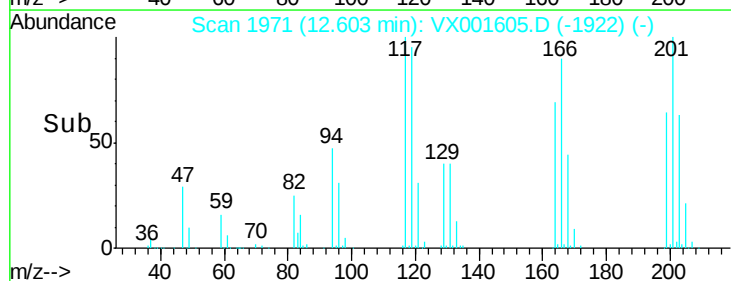
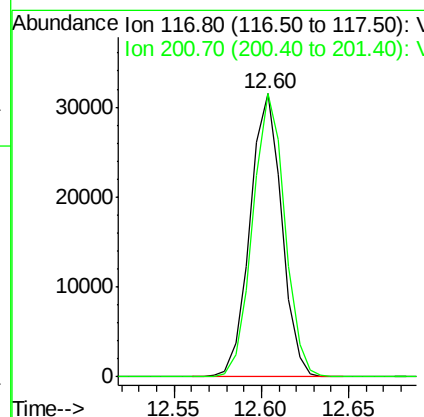
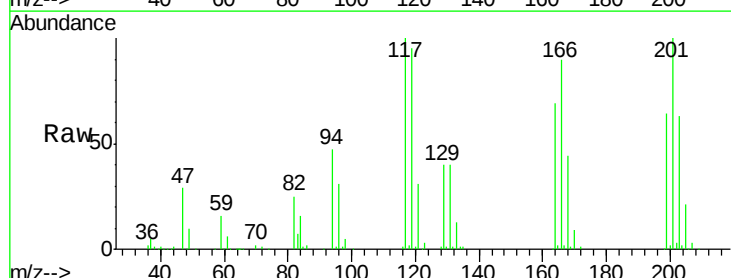
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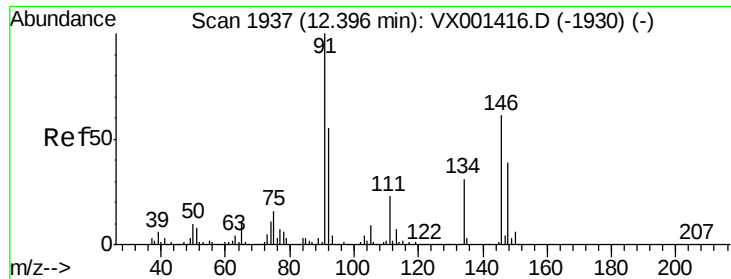
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#90
Hexachloroethane
Concen: 20.74 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001605.D
Acq: 10 May 2018 16:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	101.2	51.5	154.5





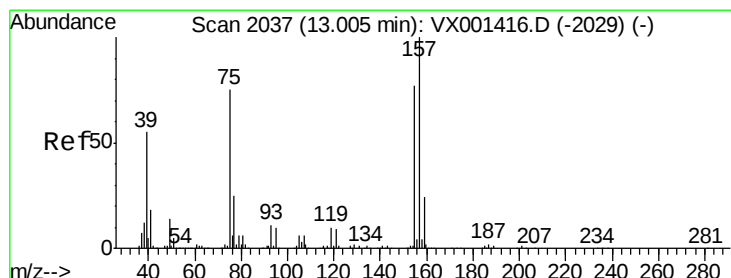
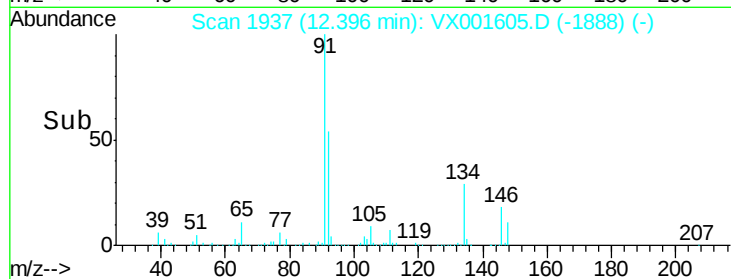
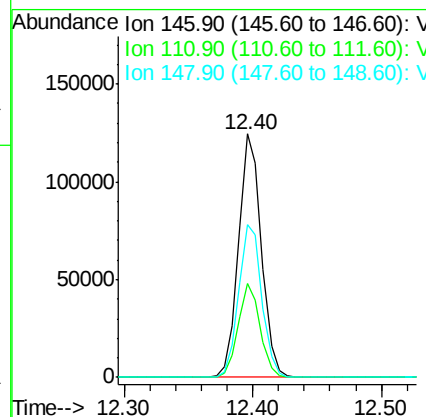
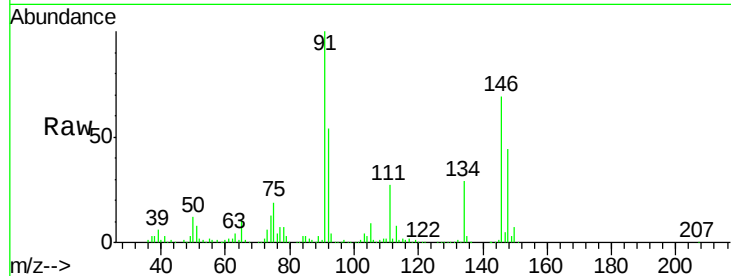
#91
 1,2-Dichlorobenzene
 Concen: 20.93 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001605.D
 Acq: 10 May 2018 16:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	153692		
111	37.4	18.6	55.8	
148	63.9	32.1	96.5	

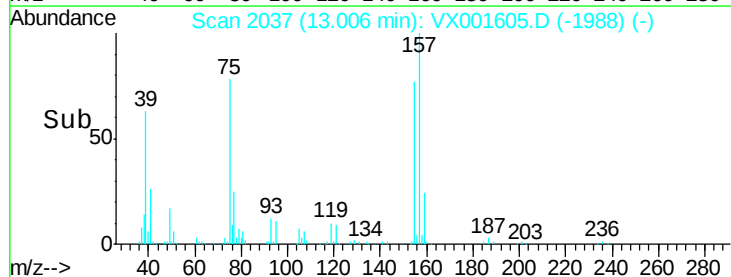
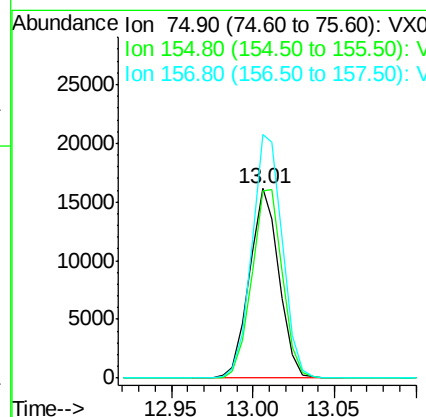
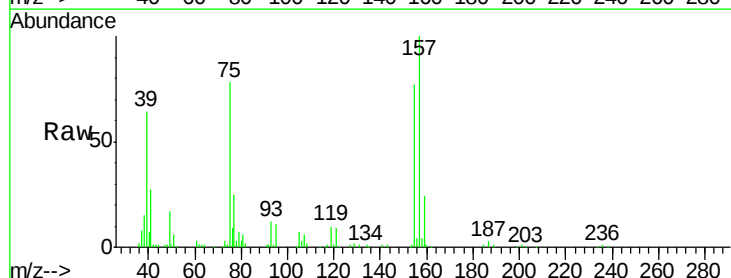
Manual Integrations
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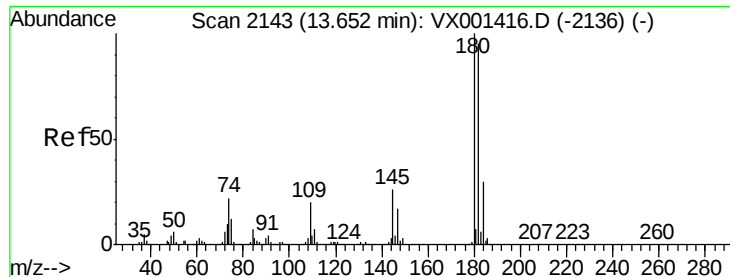
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.53 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001605.D
 Acq: 10 May 2018 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20305		
155	103.4	53.4	160.2	
157	132.9	68.3	204.8	





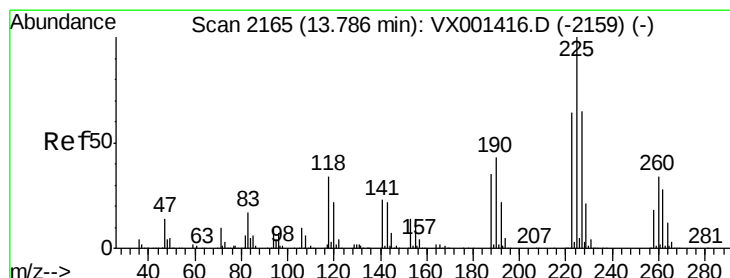
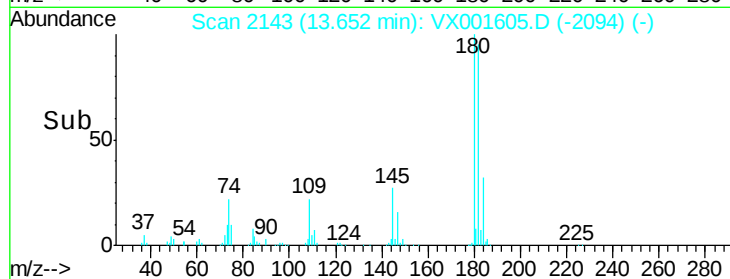
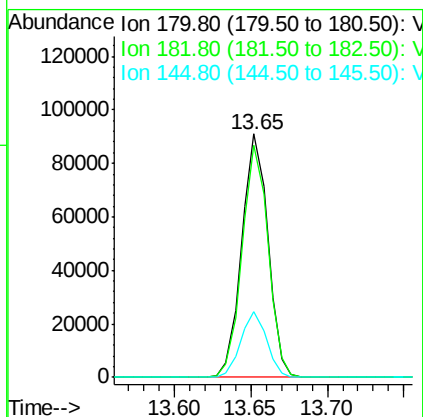
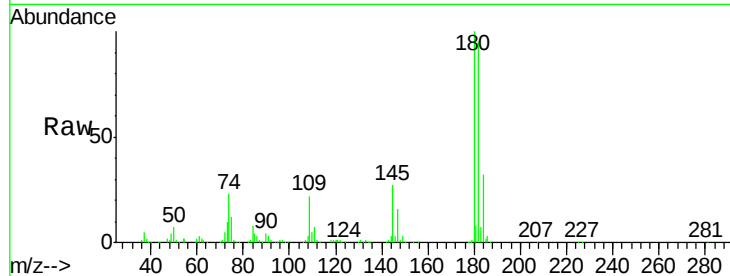
#93
 1,2,4-Trichlorobenzene
 Concen: 20.13 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001605.D
 Acq: 10 May 2018 16:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	108161		
182	94.6	47.8	143.4	
145	26.6	13.3	39.9	

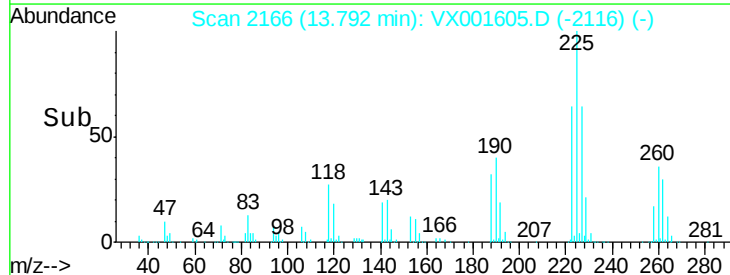
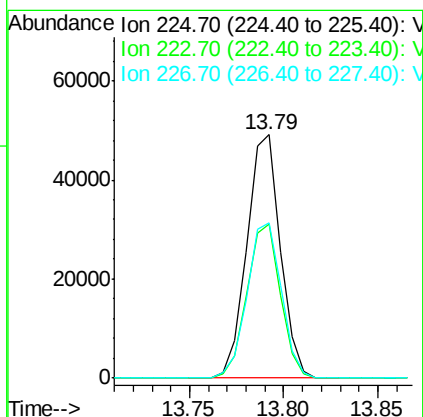
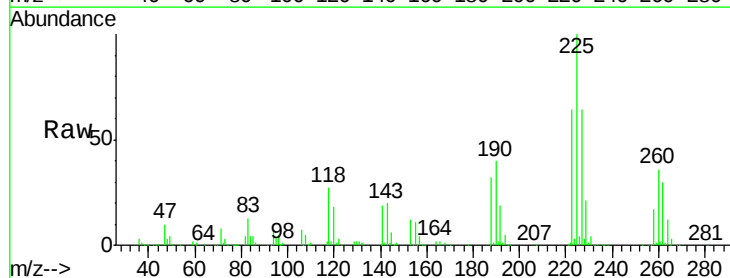
Manual Integrations
 APPROVED

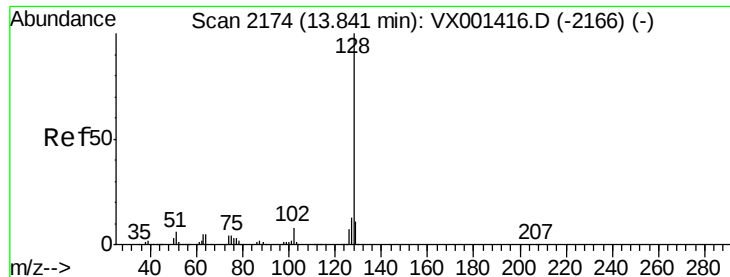
apatel
 5/11/2018 1:06:53 PM



#94
 Hexachlorobutadiene
 Concen: 20.62 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX001605.D
 Acq: 10 May 2018 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	60612		
223	63.4	31.3	93.9	
227	65.1	32.4	97.2	





#95

Naphthalene

Concen: 21.28 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Instrument :

MSVOA_X

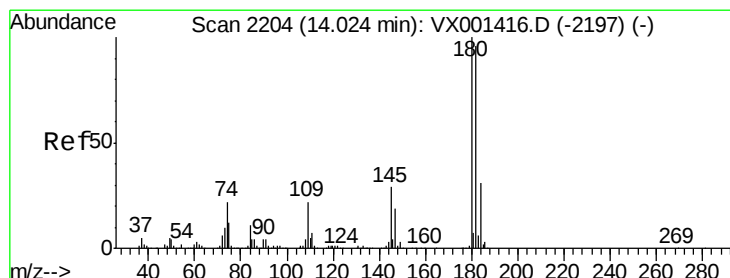
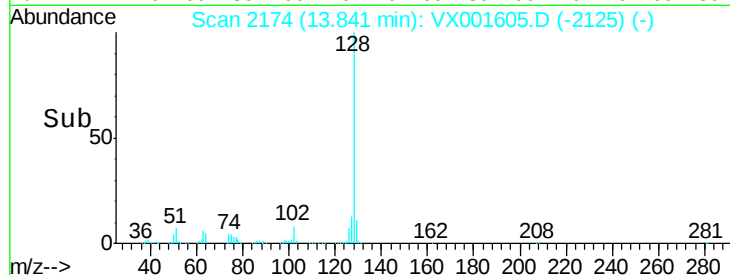
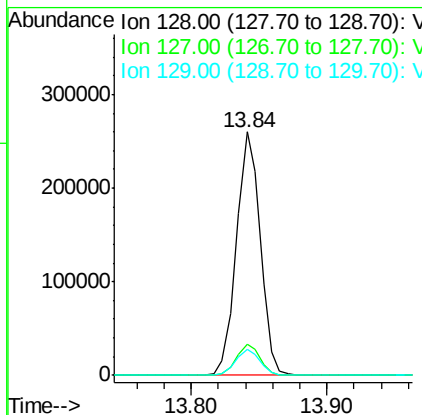
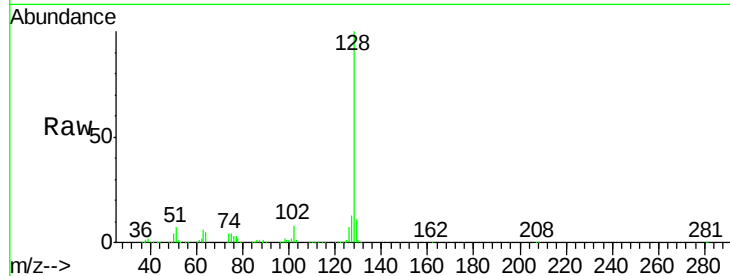
ClientSampled :

VX0510WBSD01

Tot Ion:	128	Resp:	316210
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
5/11/2018 1:06:53 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.78 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX001605.D

Acq: 10 May 2018 16:47

Tgt Ion:	180	Resp:	114571
Ion Ratio	Lower	Upper	
180	100		
182	95.3	48.0	144.2
145	28.6	14.1	42.4

