

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
 Data File : VX006207.D
 Acq On : 27 Nov 2018 06:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/27/2018 11:44:03 AM

Quant Time: Nov 27 08:06:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	360695	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194316	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	155226	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
35) Dibromofluoromethane	5.50	113	122062	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
50) Toluene-d8	8.71	98	463514	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
62) 4-Bromofluorobenzene	11.14	95	170094	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	91629	49.49	ug/l	100
3) Chloromethane	1.32	50	118888	50.83	ug/l	99
4) Vinyl Chloride	1.41	62	119003	50.02	ug/l	96
5) Bromomethane	1.64	94	83875	46.15	ug/l	100
6) Chloroethane	1.72	64	101146	79.37	ug/l	99
7) Trichlorofluoromethane	1.93	101	216479	69.56	ug/l	100
8) Diethyl Ether	2.19	74	92970	70.67	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	127930	69.33	ug/l	97
10) Methyl Iodide	2.51	142	157453	68.06	ug/l	96
11) Tert butyl alcohol	3.07	59	227534	370.50	ug/l	98
12) 1,1-Dichloroethene	2.37	96	126458	70.29	ug/l	96
13) Acrolein	2.29	56	105571	287.28	ug/l	99
14) Allyl chloride	2.73	41	269017	73.09	ug/l	93
15) Acrylonitrile	3.15	53	513803	378.79	ug/l	99
16) Acetone	2.45	43	446321	348.40	ug/l	97
17) Carbon Disulfide	2.57	76	364432	75.02	ug/l	99
18) Methyl Acetate	2.78	43	268307	81.67	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	462441	74.37	ug/l	99
20) Methylene Chloride	2.85	84	145043	74.98	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	139682	74.21	ug/l	91
22) Diisopropyl ether	3.87	45	403893	51.26	ug/l	99
23) Vinyl Acetate	3.82	43	1746230	267.15	ug/l	100
24) 1,1-Dichloroethane	3.70	63	265210	71.45	ug/l	99
25) 2-Butanone	4.70	43	590424	248.31	ug/l	100
26) 2,2-Dichloropropane	4.59	77	115176	37.65	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	123720	47.03	ug/l	99
28) Bromochloromethane	5.02	49	111240	51.42	ug/l	100
29) Tetrahydrofuran	5.15	42	378775	255.36	ug/l	99
30) Chloroform	5.21	83	218267	48.52	ug/l	99
31) Cyclohexane	5.57	56	182860	47.16	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	187553	51.64	ug/l	100
36) 1,1-Dichloropropene	5.80	75	158695	48.36	ug/l	99
37) Ethyl Acetate	4.85	43	215167	50.97	ug/l	100
38) Carbon Tetrachloride	5.78	117	162728	52.76	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	176563	47.23	ug/l	98
40) Benzene	6.14	78	476045	49.24	ug/l	99
41) Methacrylonitrile	5.06	41	117122	50.34	ug/l	99
42) 1,2-Dichloroethane	6.20	62	180974	50.07	ug/l	99
43) Isopropyl Acetate	6.46	43	319618	52.42	ug/l	99
44) Trichloroethene	7.21	130	129975	48.37	ug/l	99
45) 1,2-Dichloropropane	7.51	63	127976	50.02	ug/l	100
46) Dibromomethane	7.66	93	86813	49.55	ug/l	99
47) Bromodichloromethane	7.90	83	168212	51.91	ug/l	99
48) Methyl methacrylate	7.77	41	172001	55.63	ug/l	98
49) 1,4-Dioxane	7.75	88	71655	976.76	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1164872	266.51	ug/l	100
52) Toluene	8.79	92	303865	50.82	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	173869	51.41	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	186178	49.80	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	129433	49.98	ug/l	98
56) Ethyl methacrylate	9.18	69	195489	48.56	ug/l	97
57) 1,3-Dichloropropane	9.37	76	212572	49.80	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	559936	248.81	ug/l	99
59) 2-Hexanone	9.49	43	936666	270.03	ug/l	99
60) Dibromochloromethane	9.59	129	136418	53.73	ug/l	98
61) 1,2-Dibromoethane	9.67	107	137246	51.44	ug/l	100
64) Tetrachloroethene	9.34	164	138436	49.27	ug/l	99
65) Chlorobenzene	10.14	112	347084	49.56	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	127855	53.18	ug/l	98
67) Ethyl Benzene	10.25	91	596493	52.02	ug/l	98
68) m/p-Xylenes	10.36	106	467821	104.77	ug/l	99
69) o-Xylene	10.70	106	221584	51.95	ug/l	99
70) Styrene	10.71	104	375338	53.97	ug/l	99
71) Bromoform	10.86	173	113384	52.68	ug/l #	99
73) Isopropylbenzene	11.02	105	612135	52.06	ug/l	100
74) N-amyl acetate	10.90	43	301883	50.36	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	218243	49.26	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	204101m	51.02	ug/l	
77) Bromobenzene	11.26	156	162405	49.31	ug/l	99
78) n-propylbenzene	11.36	91	708050	51.71	ug/l	100
79) 2-Chlorotoluene	11.42	91	419776	50.68	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	517811	52.24	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56786	48.01	ug/l	98
82) 4-Chlorotoluene	11.51	91	497104	51.42	ug/l	100
83) tert-Butylbenzene	11.77	119	502200	51.90	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	534497	52.86	ug/l	99
85) sec-Butylbenzene	11.94	105	612916	51.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	551316	52.24	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	299683	49.35	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	305168	48.47	ug/l	100
89) n-Butylbenzene	12.39	91	484780	50.74	ug/l	99
90) Hexachloroethane	12.60	117	89231	52.98	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	305407	49.19	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54346	52.86	ug/l	97

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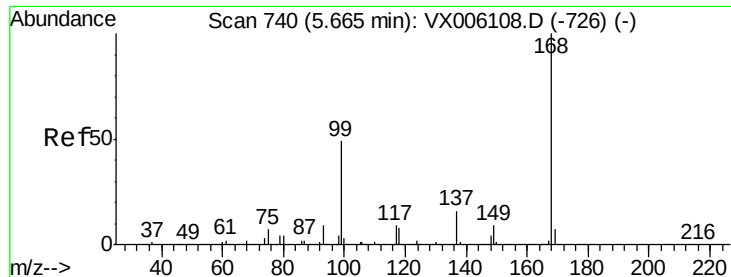
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	219368	50.16	ug/l	100
94) Hexachlorobutadiene	13.79	225	100604	47.20	ug/l	99
95) Naphthalene	13.83	128	700465	54.46	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	225671	50.61	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 249139

Ion Ratio Lower Upper

168 100

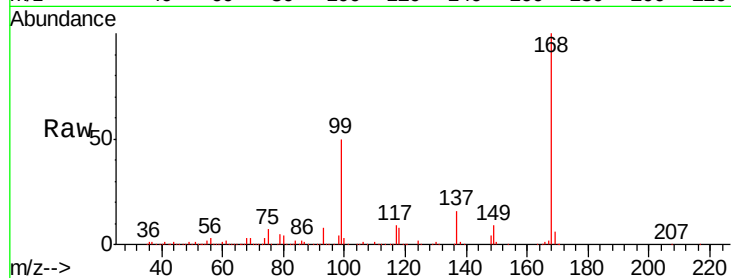
99 49.8 39.2 58.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

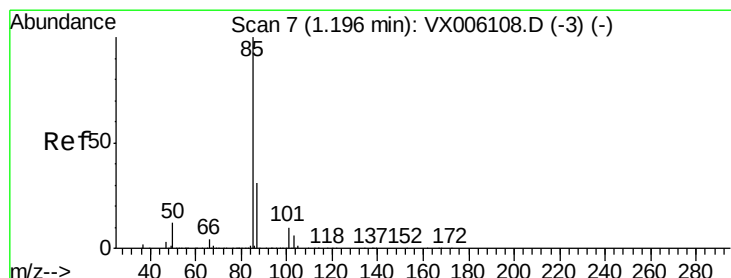
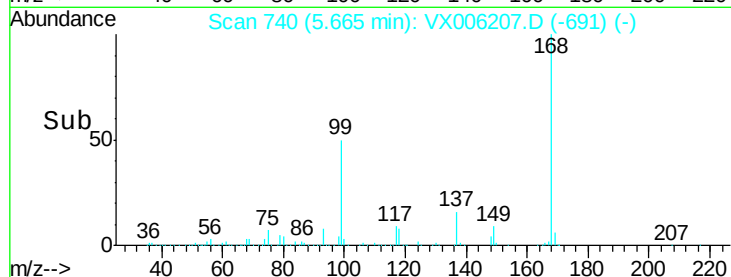
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.49 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006207.D

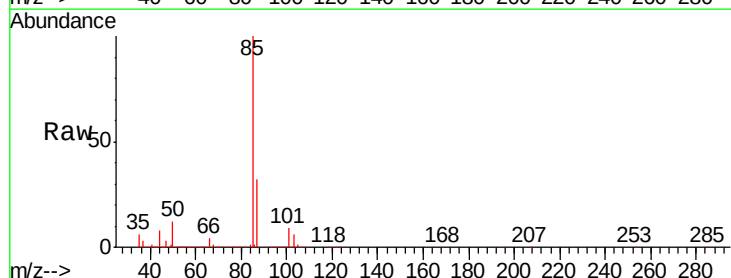
Acq: 27 Nov 2018 06:17

Tgt Ion: 85 Resp: 91629

Ion Ratio Lower Upper

85 100

87 31.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

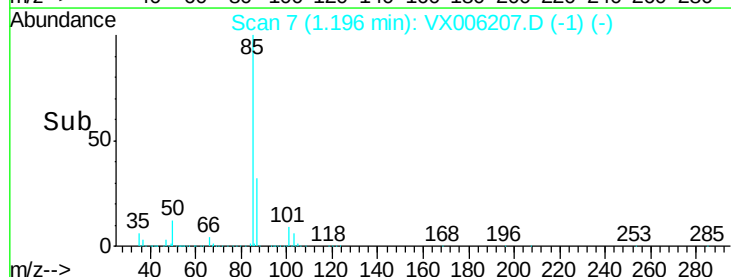
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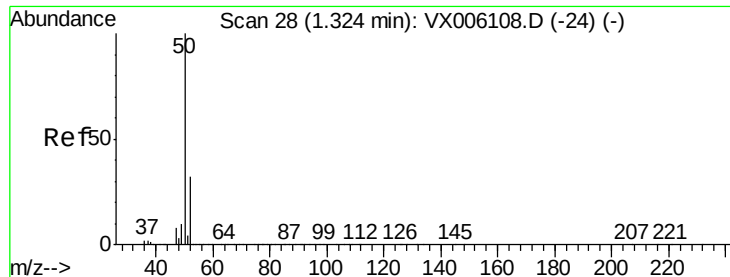
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 50.83 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 118888

Ion Ratio Lower Upper

50 100

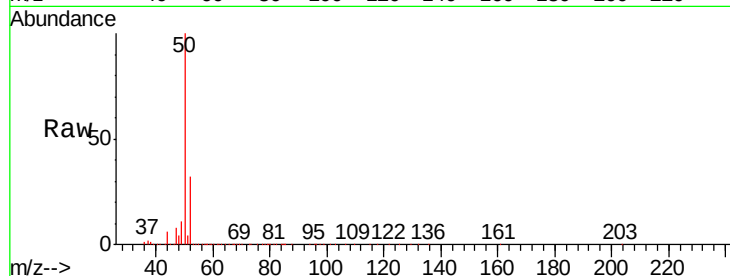
52 32.5 25.6 38.4

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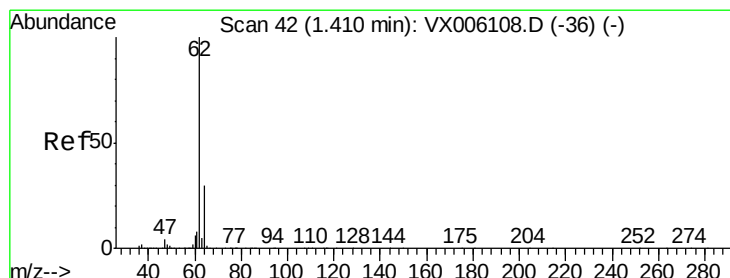
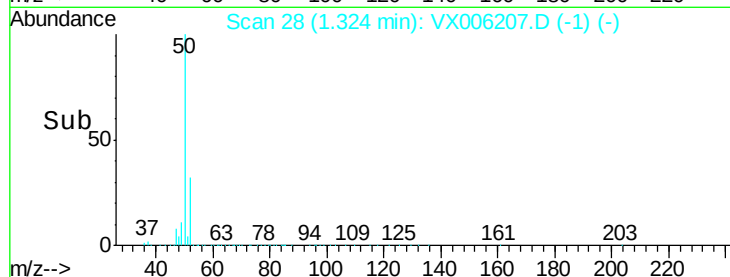
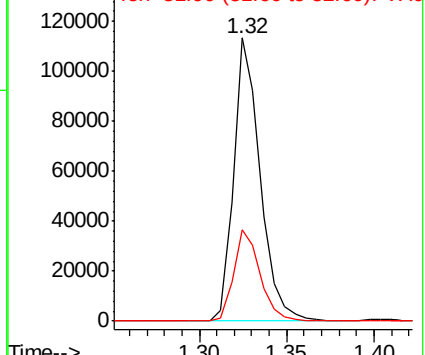
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.02 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006207.D

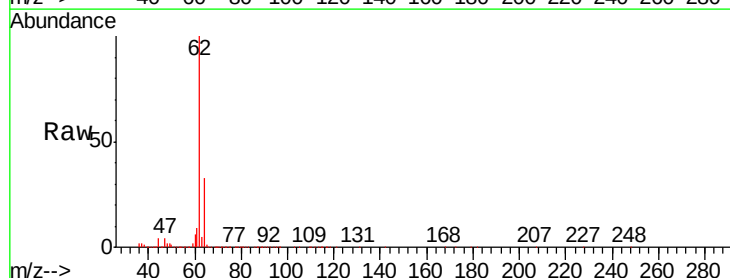
Acq: 27 Nov 2018 06:17

Tgt Ion: 62 Resp: 119003

Ion Ratio Lower Upper

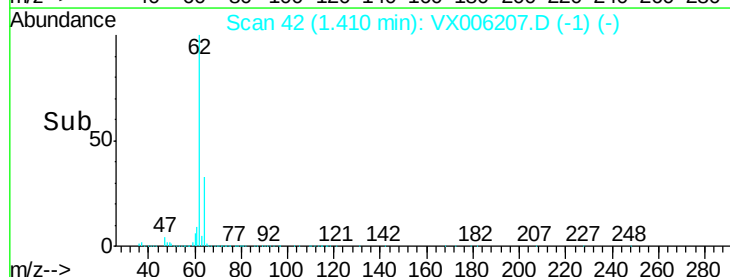
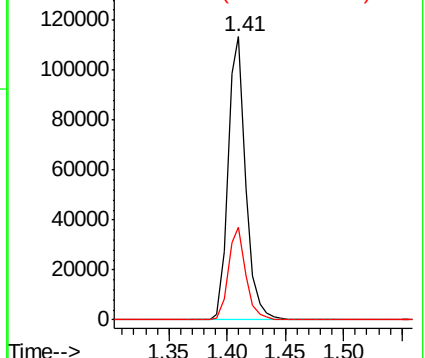
62 100

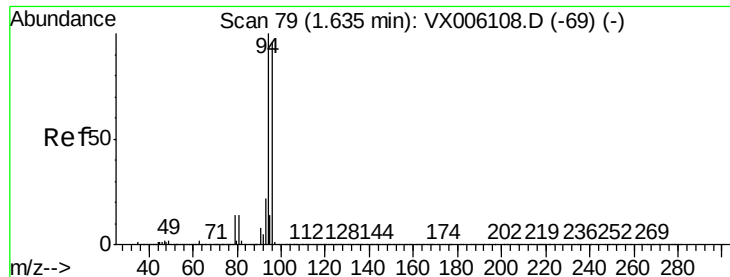
64 32.5 24.2 36.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.15 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 83875

Ion Ratio Lower Upper

94 100

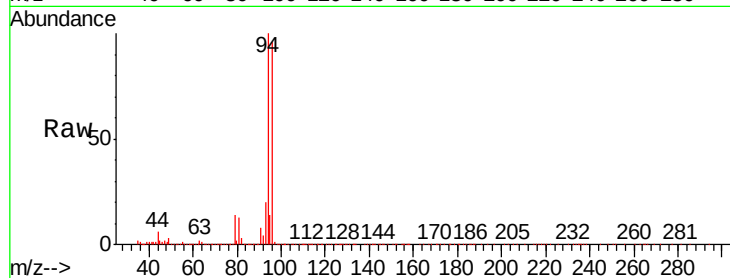
96 96.3 76.7 115.1

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

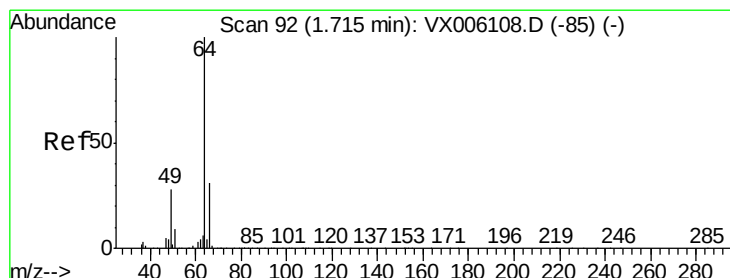
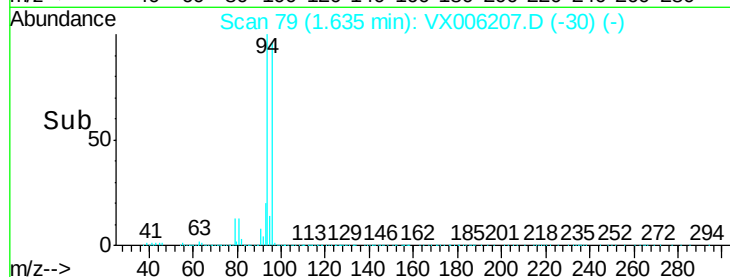
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 79.37 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006207.D

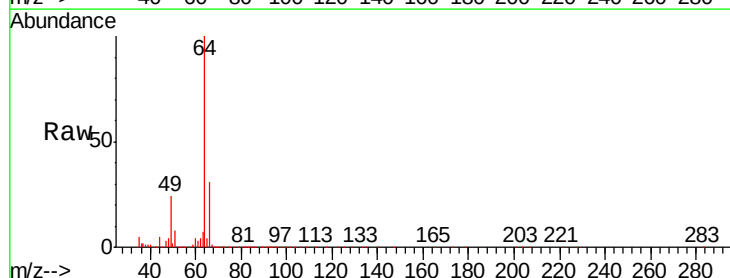
Acq: 27 Nov 2018 06:17

Tgt Ion: 64 Resp: 101146

Ion Ratio Lower Upper

64 100

66 30.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

80000

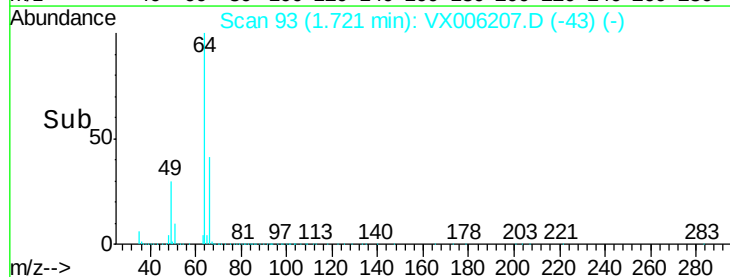
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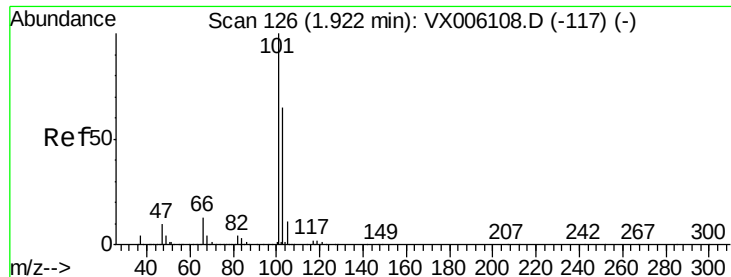
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Time-->





#7

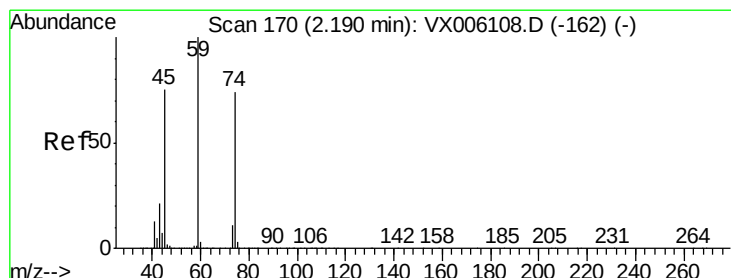
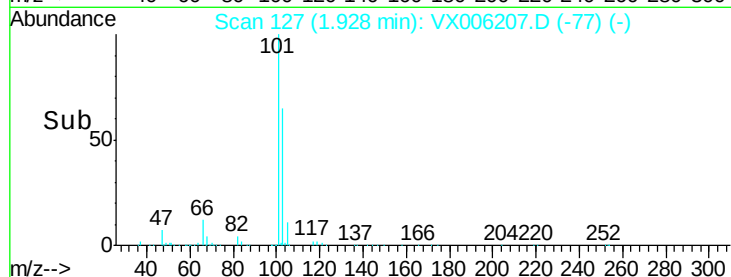
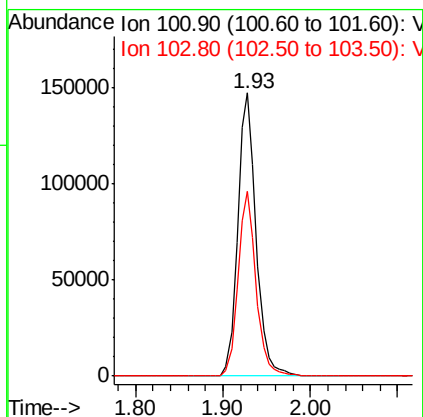
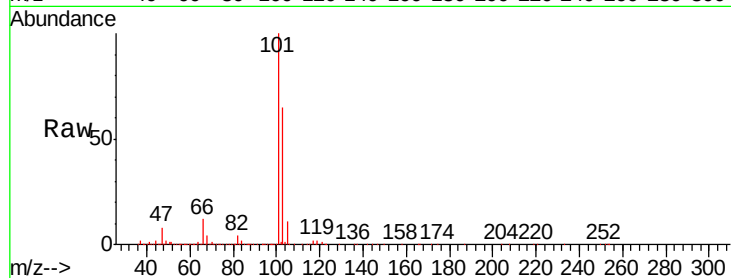
Trichlorofluoromethane
 Concen: 69.56 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

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Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.1	78.1

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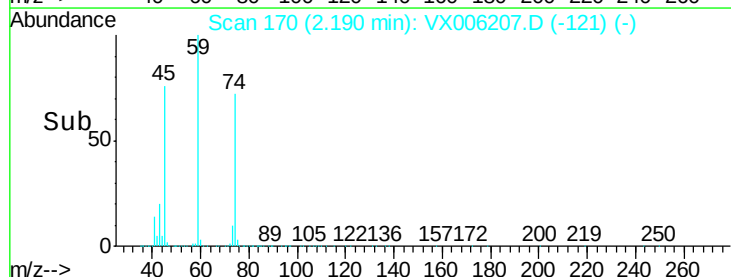
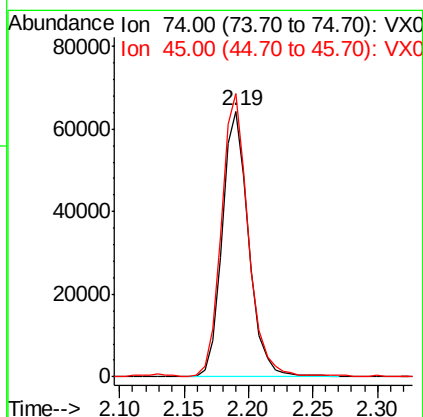
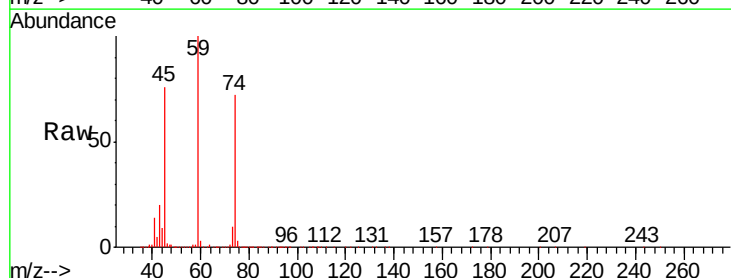
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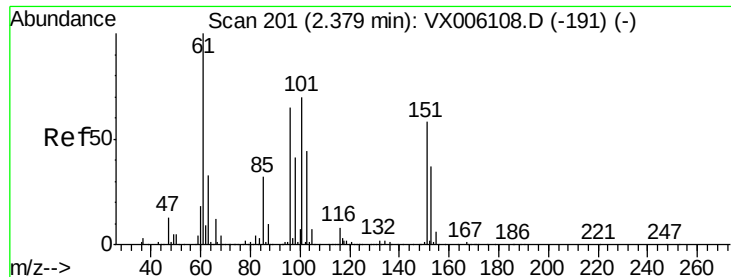


#8

Diethyl Ether
 Concen: 70.67 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.7	52.2	156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 69.33 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

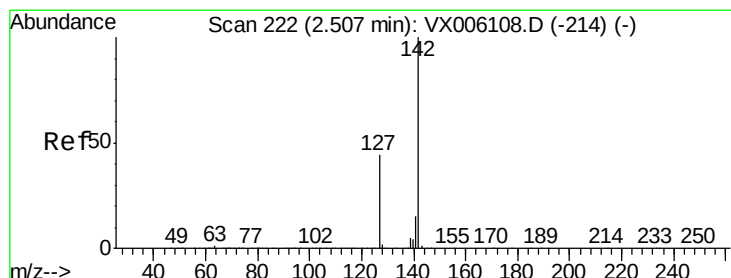
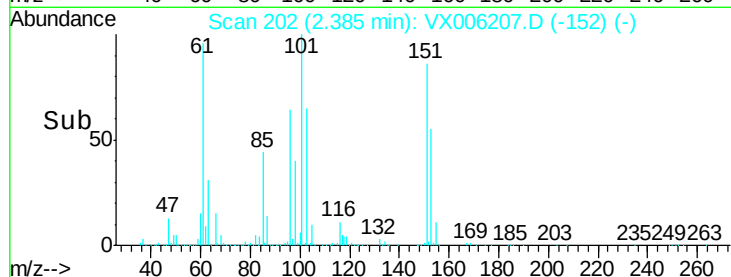
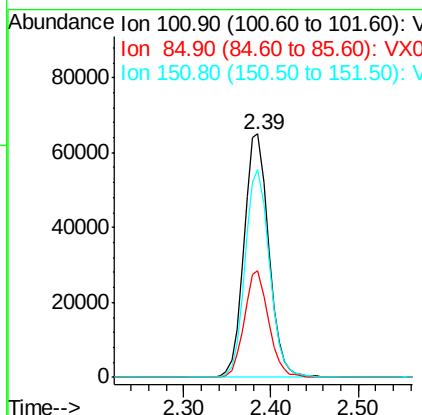
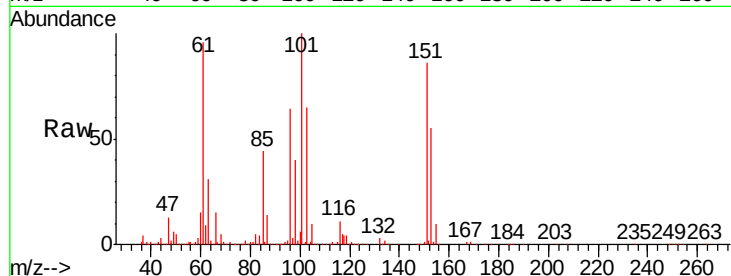
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	127930
Ion Ratio	Lower	Upper	
101	100		
85	42.9	36.0	54.0
151	84.4	65.8	98.6

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#10

Methyl Iodide

Concen: 68.06 ug/l

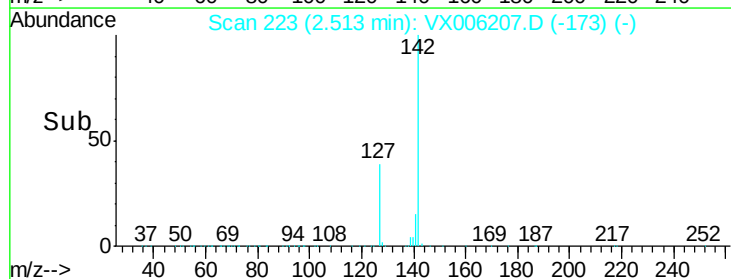
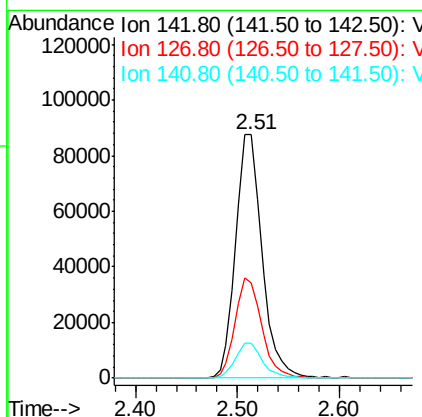
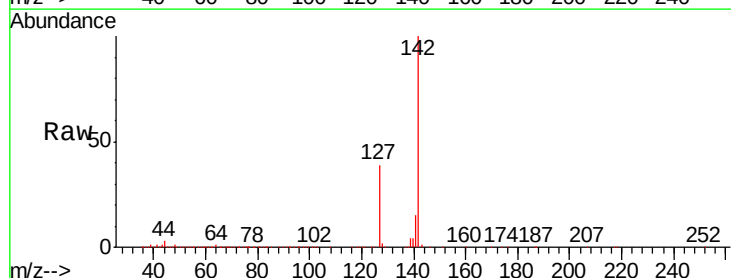
RT: 2.51 min Scan# 223

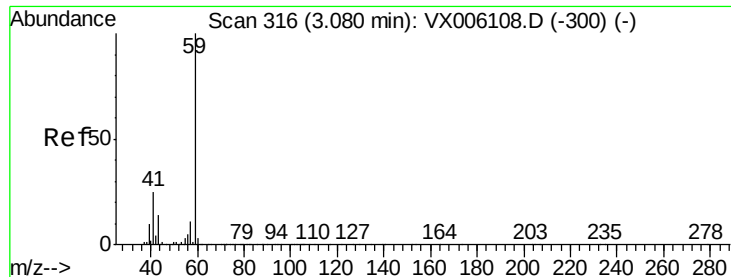
Delta R.T. 0.01 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Tgt Ion:	142	Resp:	157453
Ion Ratio	Lower	Upper	
142	100		
127	41.7	36.0	54.0
141	14.7	11.7	17.5





#11

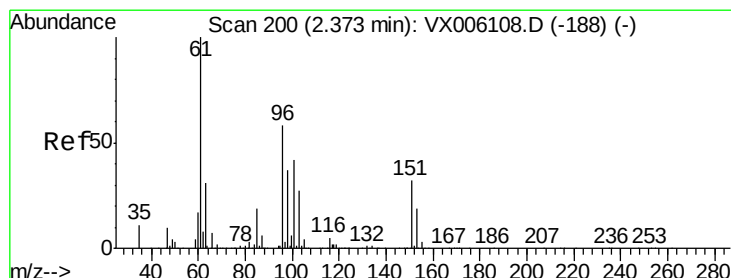
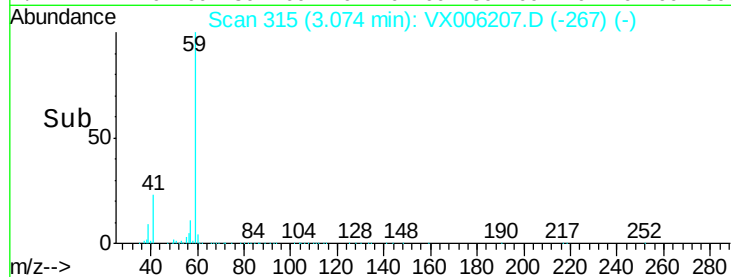
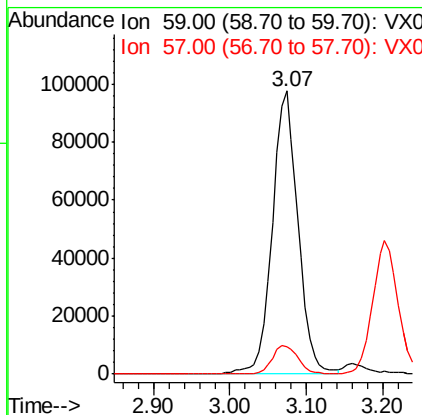
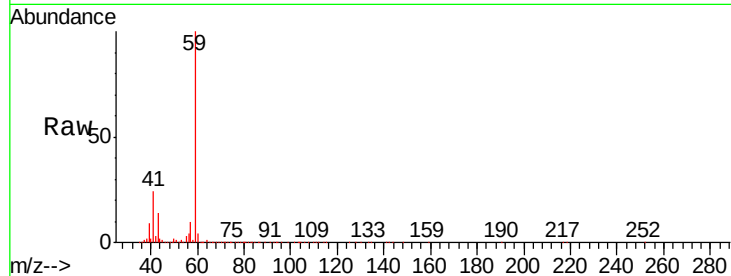
Tert butyl alcohol
Concen: 370.50 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.7	13.1

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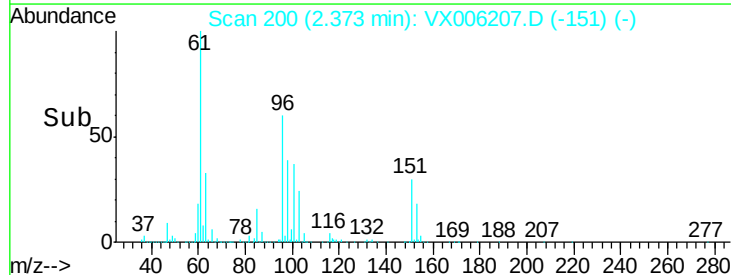
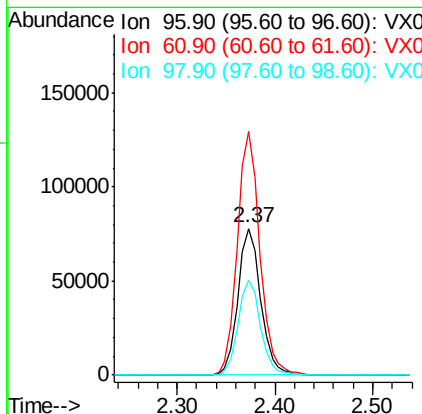
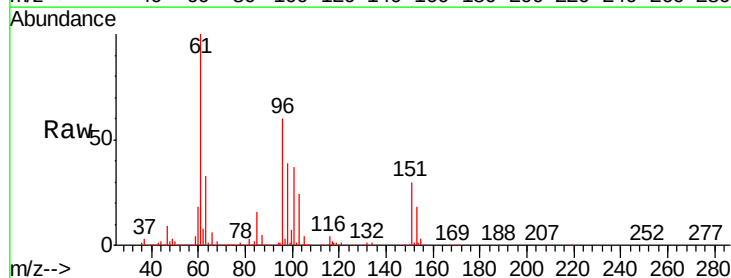
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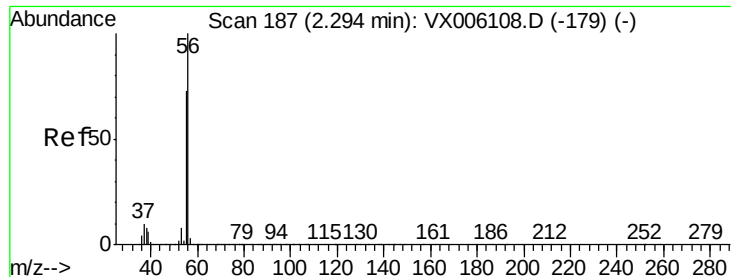


#12

1,1-Dichloroethene
Concen: 70.29 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.0	138.2	207.4
98	65.1	51.3	76.9





#13

Acrolein

Concen: 287.28 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 105571

Ion Ratio Lower Upper

56 100

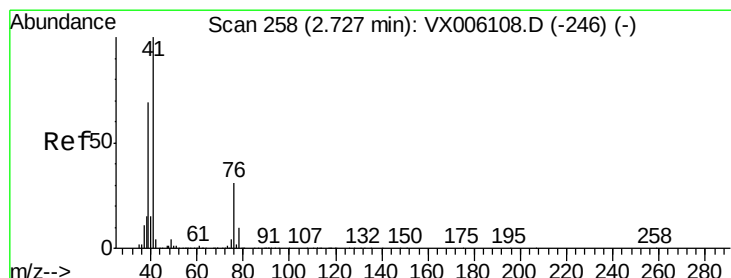
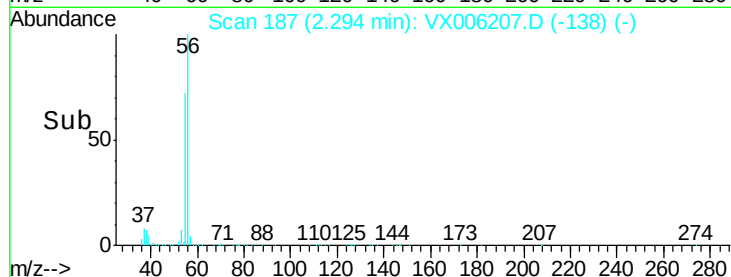
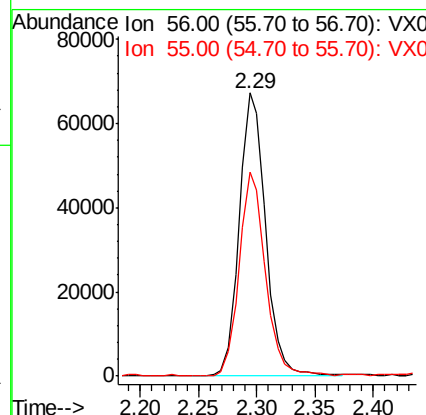
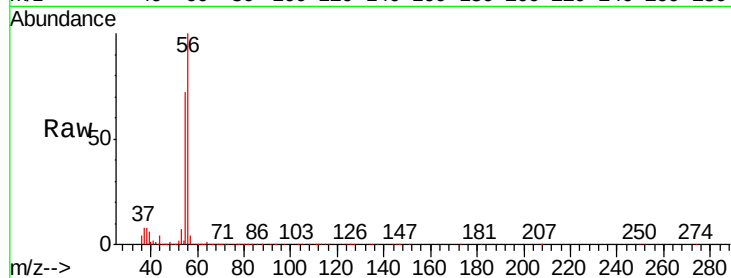
55 71.5 57.8 86.6

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#14

Allyl chloride

Concen: 73.09 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

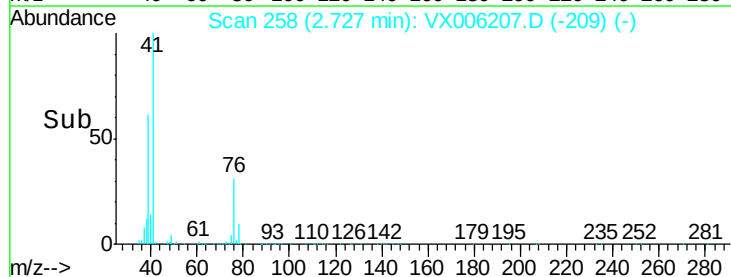
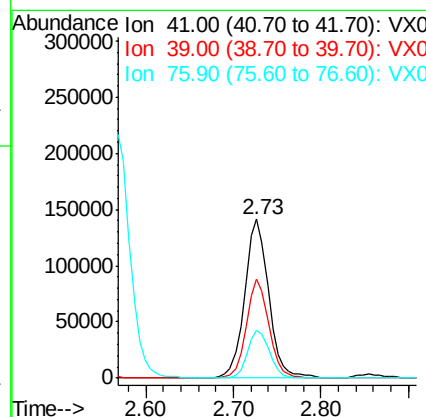
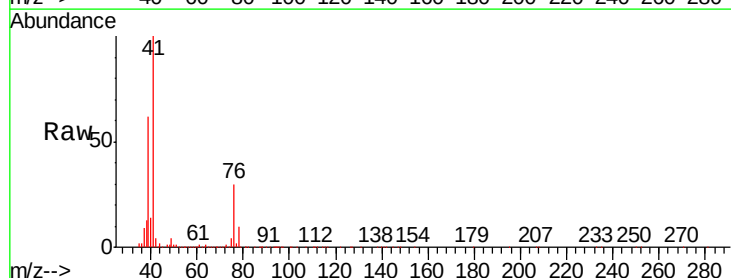
Tgt Ion: 41 Resp: 269017

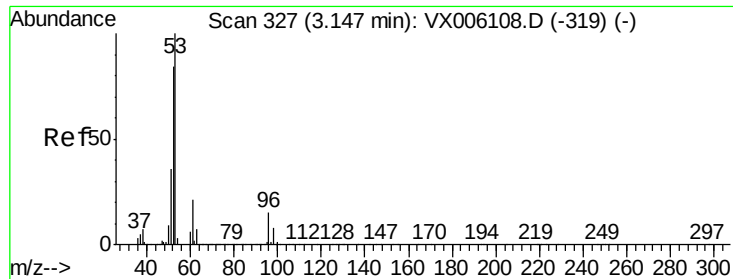
Ion Ratio Lower Upper

41 100

39 57.9 52.5 78.7

76 28.2 23.4 35.2





#15

Acrylonitrile

Concen: 378.79 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

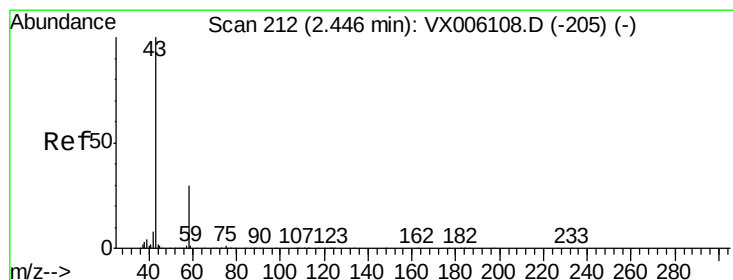
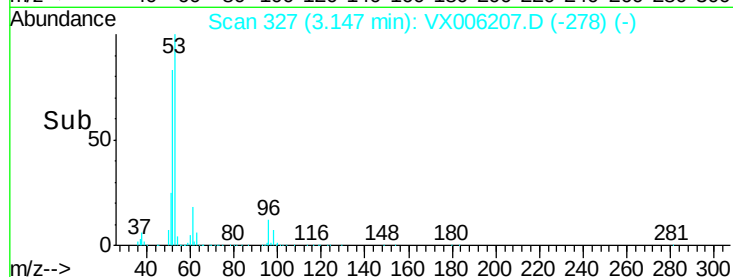
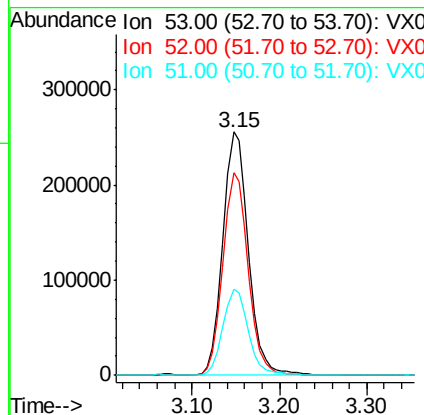
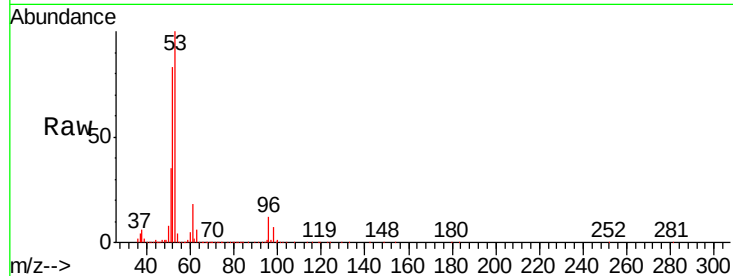
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	513803
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.4	99.6
51	35.7	29.4	44.0

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#16

Acetone

Concen: 348.40 ug/l

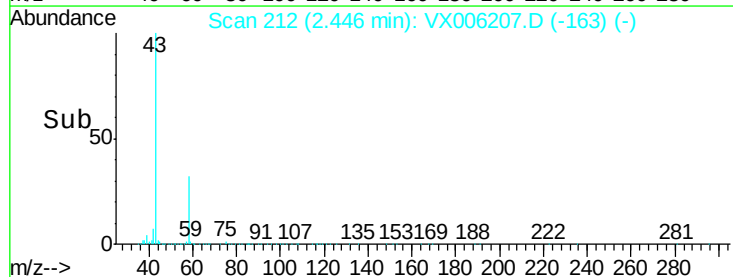
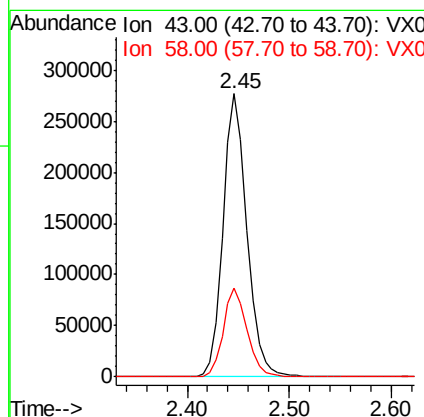
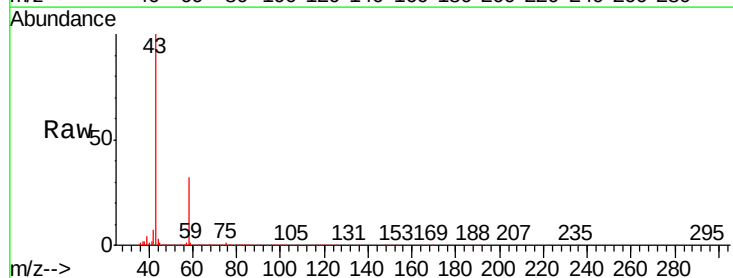
RT: 2.45 min Scan# 212

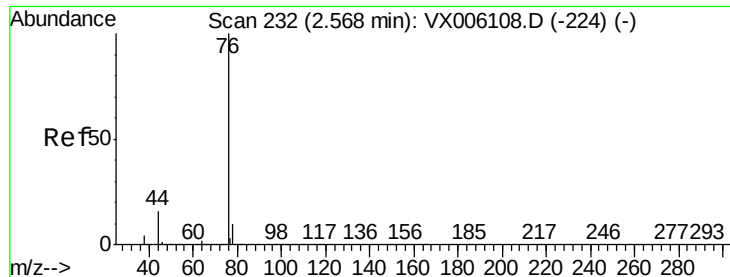
Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Tgt Ion:	43	Resp:	446321
Ion Ratio	Lower	Upper	
43	100		
58	31.5	23.8	35.8





#17

Carbon Disulfide

Concen: 75.02 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 364432

Ion Ratio Lower Upper

76 100

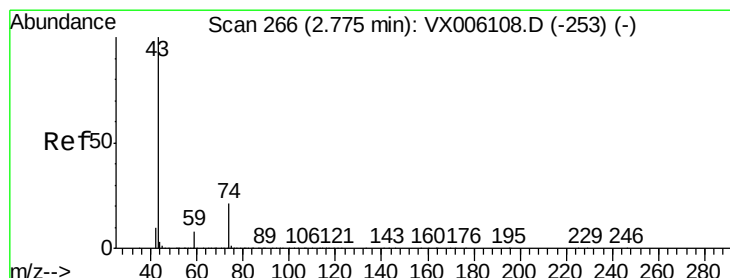
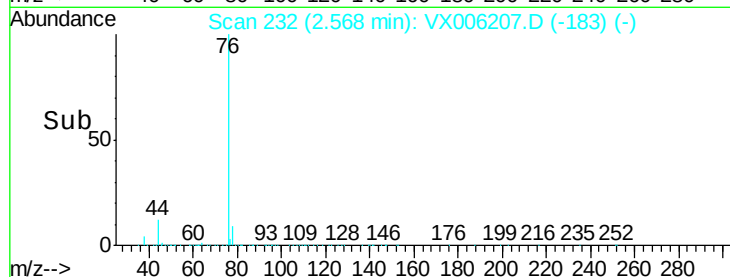
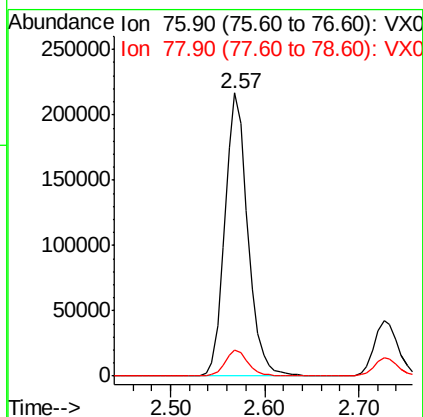
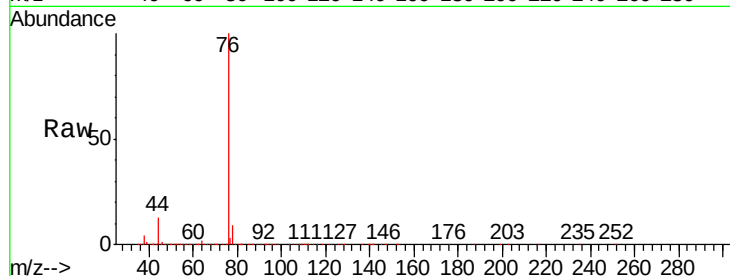
78 9.3 7.7 11.5

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#18

Methyl Acetate

Concen: 81.67 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006207.D

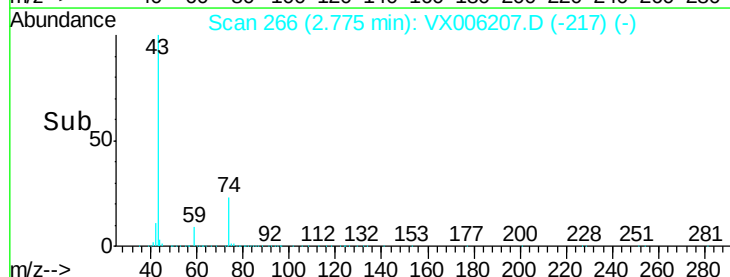
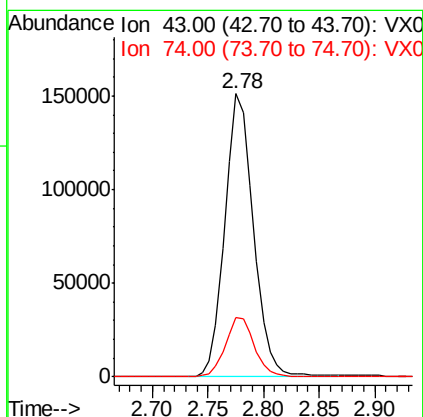
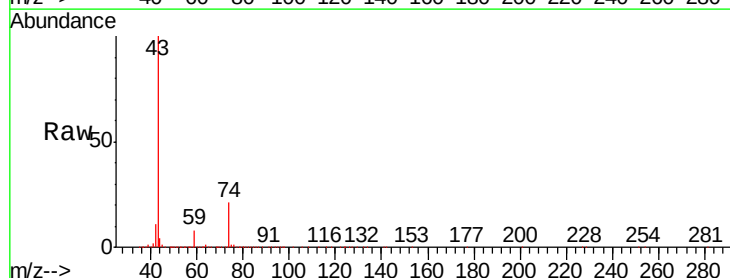
Acq: 27 Nov 2018 06:17

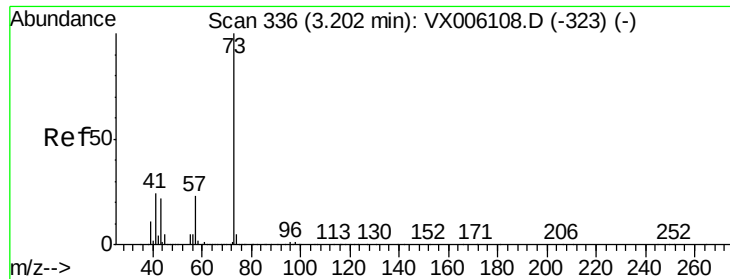
Tgt Ion: 43 Resp: 268307

Ion Ratio Lower Upper

43 100

74 21.6 17.3 25.9





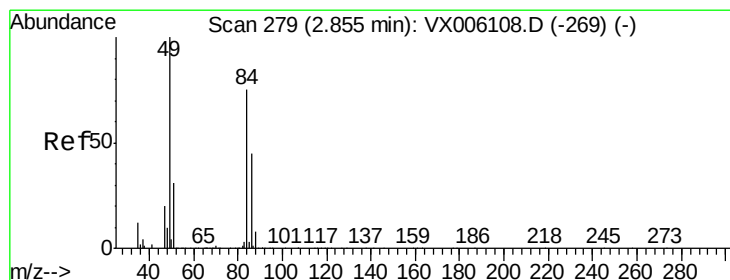
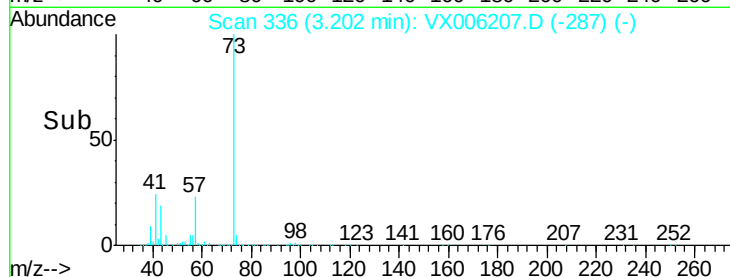
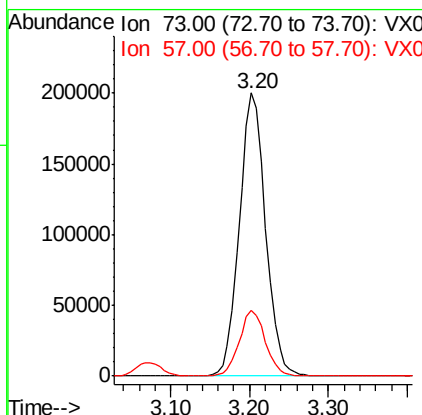
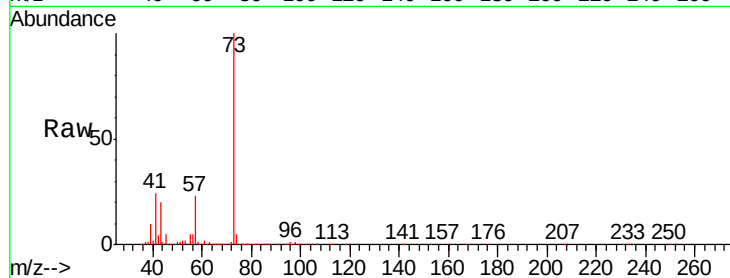
#19
Methyl tert-butyl Ether
Concen: 74.37 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 462441
Ion Ratio Lower Upper
73 100
57 23.1 18.2 27.4

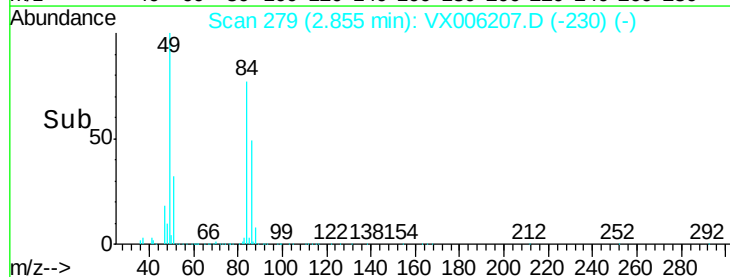
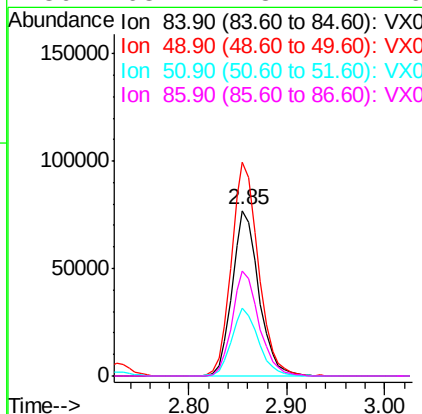
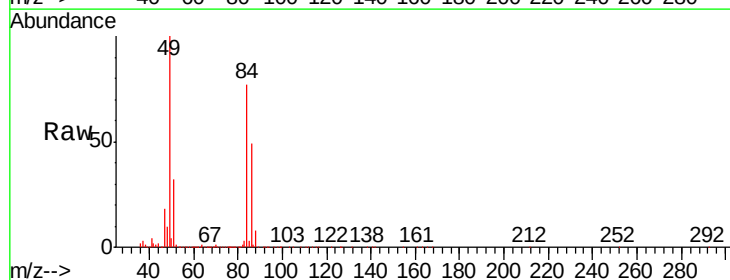
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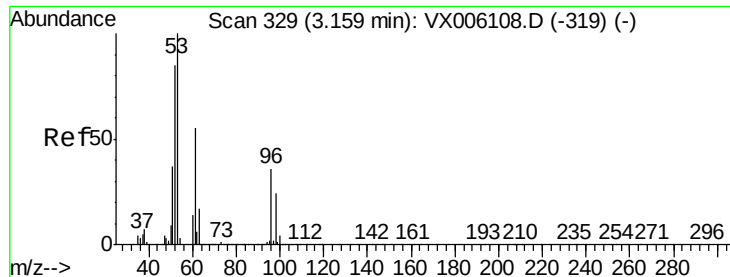
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#20
Methylene Chloride
Concen: 74.98 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion: 84 Resp: 145043
Ion Ratio Lower Upper
84 100
49 129.1 106.6 159.8
51 40.9 32.6 49.0
86 63.7 48.4 72.6





#21

trans-1,2-Dichloroethene

Concen: 74.21 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

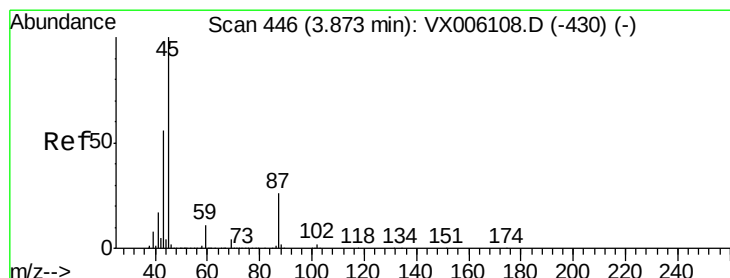
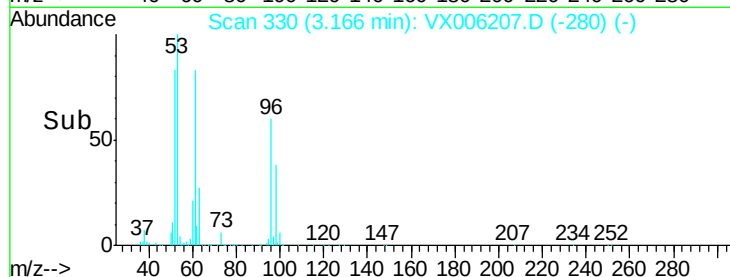
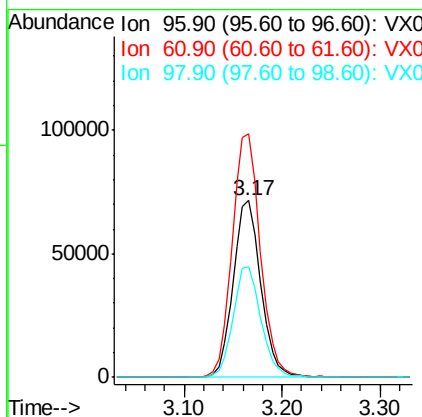
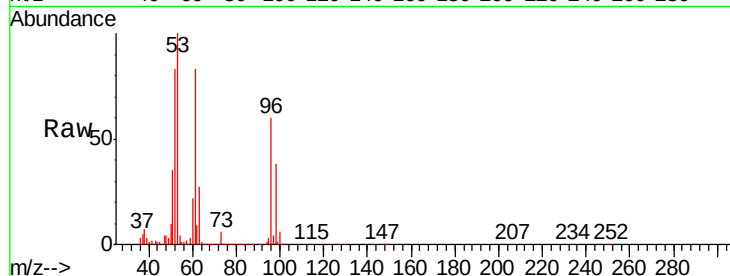
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	139682
Ion	Ratio	Lower	Upper
96	100		
61	137.7	122.0	183.0
98	62.4	52.7	79.1

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#22

Diisopropyl ether

Concen: 51.26 ug/l

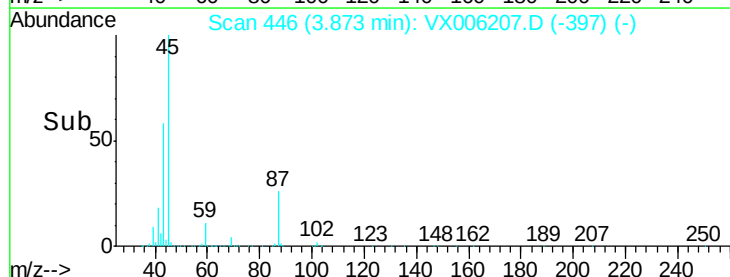
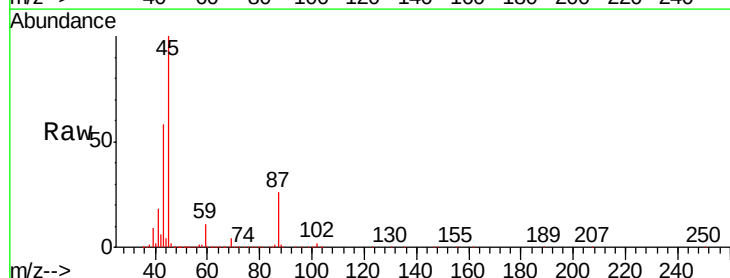
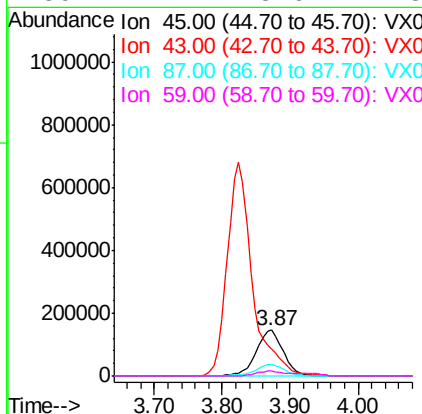
RT: 3.87 min Scan# 446

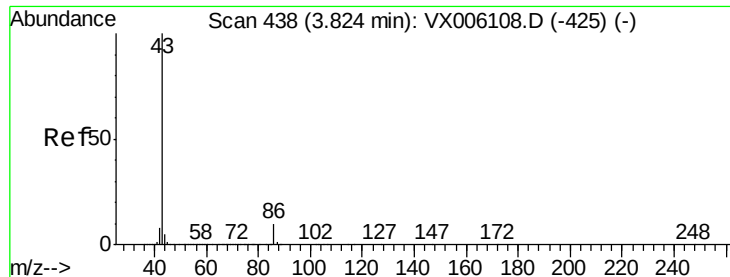
Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Tgt Ion:	45	Resp:	403893
Ion	Ratio	Lower	Upper
45	100		
43	58.4	45.8	68.8
87	25.5	21.0	31.4
59	11.4	8.6	12.8





#23

Vinyl Acetate

Concen: 267.15 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1746230

Ion Ratio Lower Upper

43 100

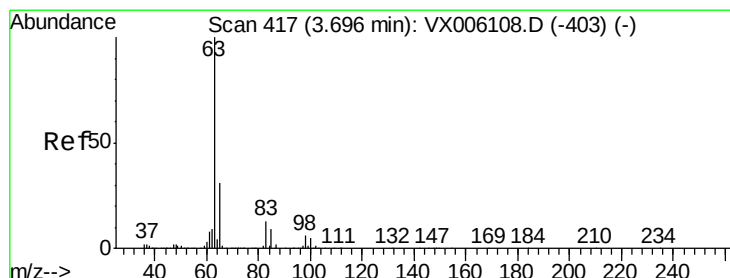
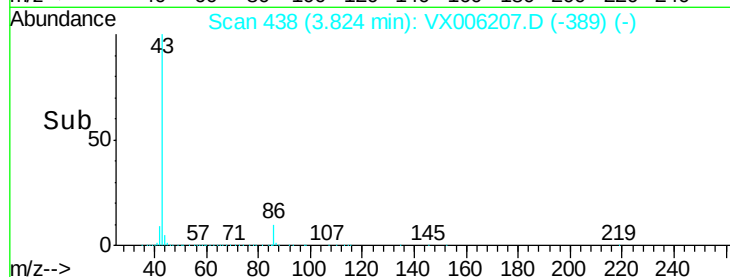
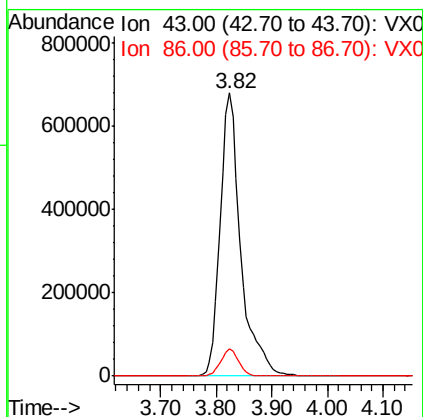
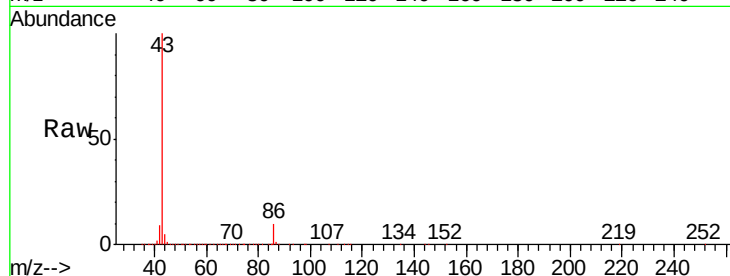
86 9.5 7.6 11.4

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#24

1,1-Dichloroethane

Concen: 71.45 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

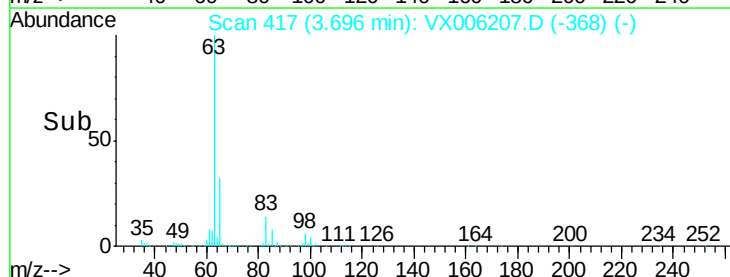
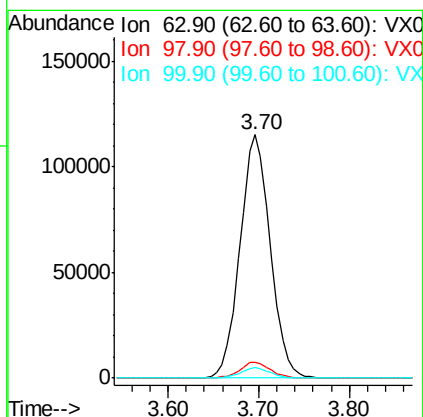
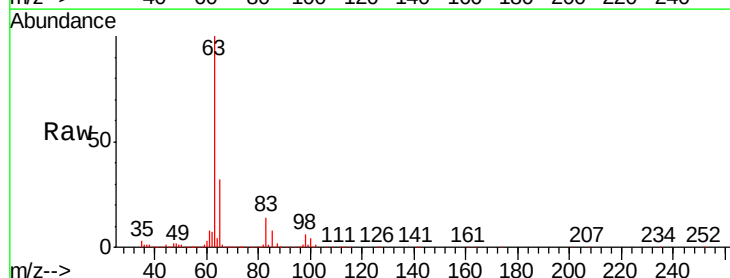
Tgt Ion: 63 Resp: 265210

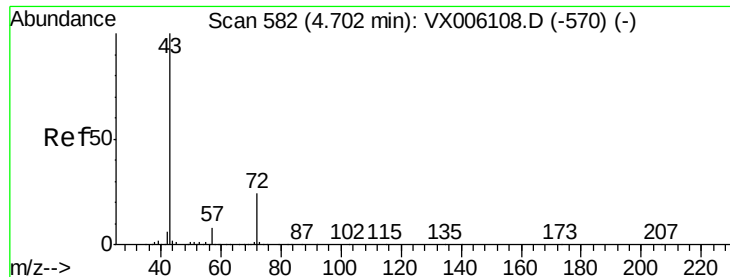
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 4.2 2.4 7.1





#25

2-Butanone

Concen: 248.31 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 590424

Ion Ratio Lower Upper

43 100

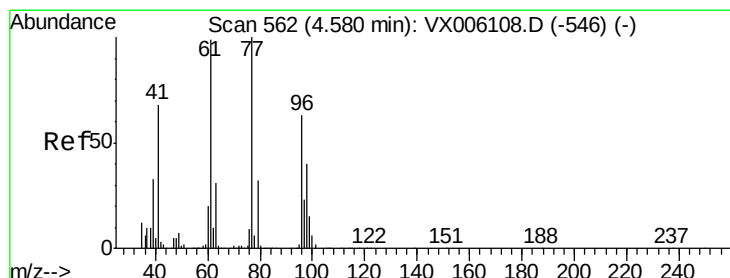
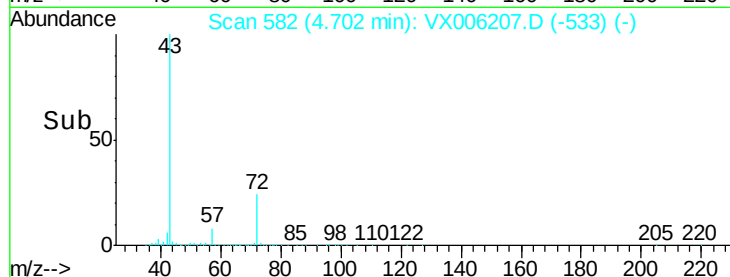
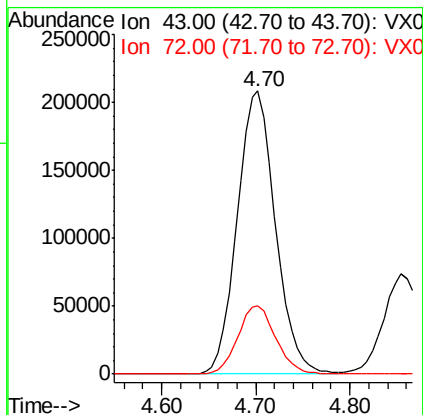
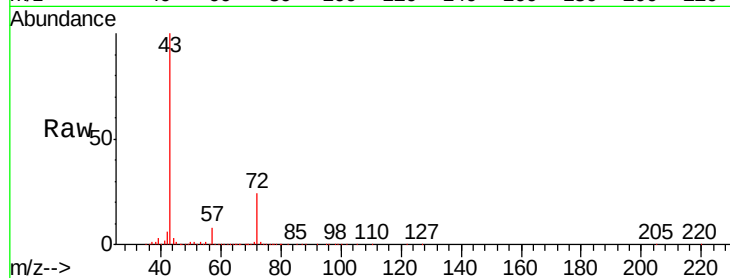
72 24.1 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 37.65 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX006207.D

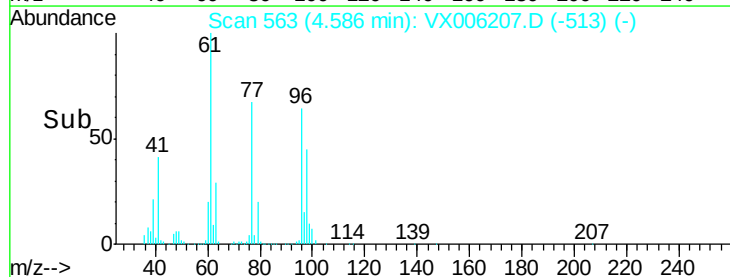
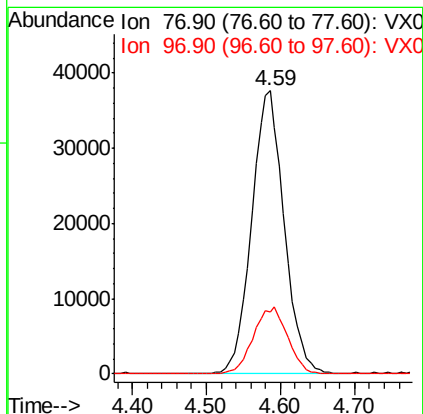
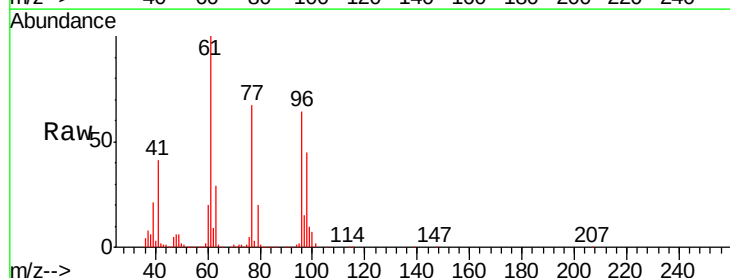
Acq: 27 Nov 2018 06:17

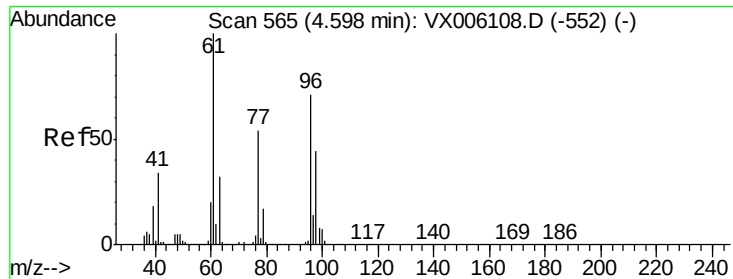
Tgt Ion: 77 Resp: 115176

Ion Ratio Lower Upper

77 100

97 24.9 11.9 35.5





#27

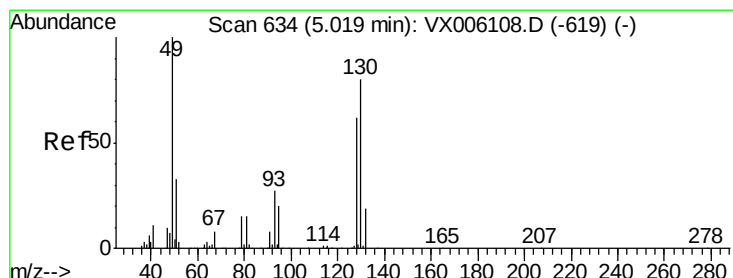
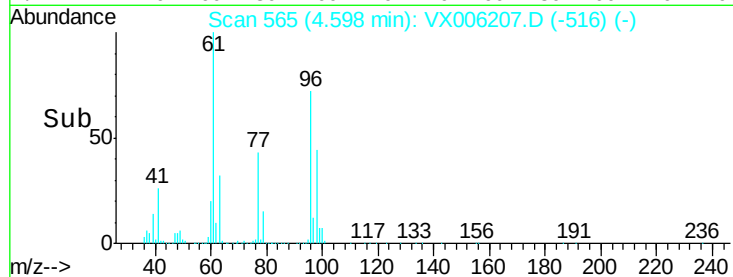
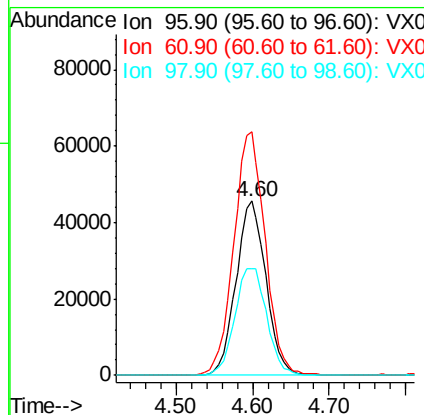
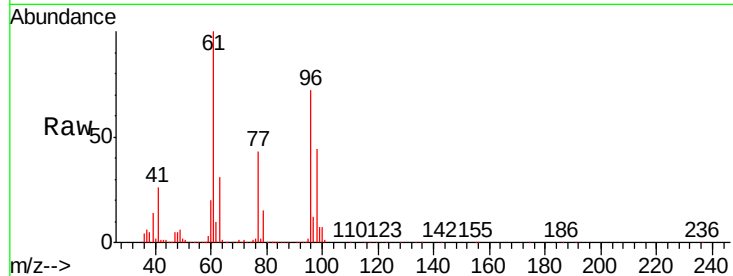
cis-1,2-Dichloroethene
Concen: 47.03 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	123720		
61	145.6	0.0	291.6	
98	65.8	0.0	128.2	

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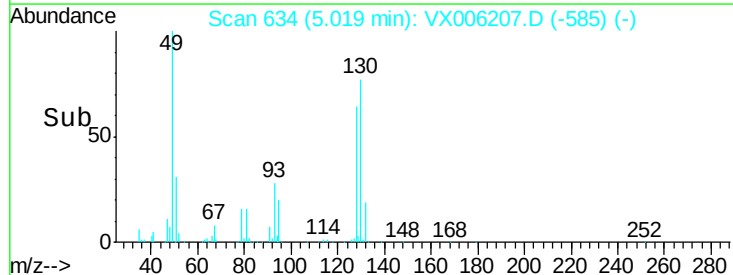
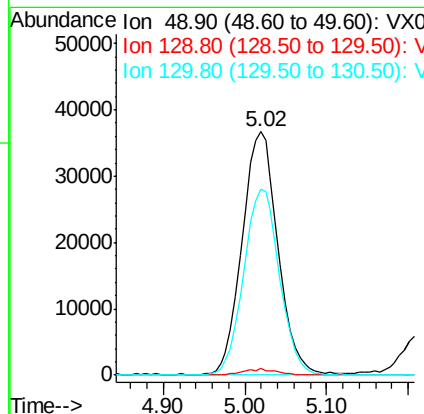
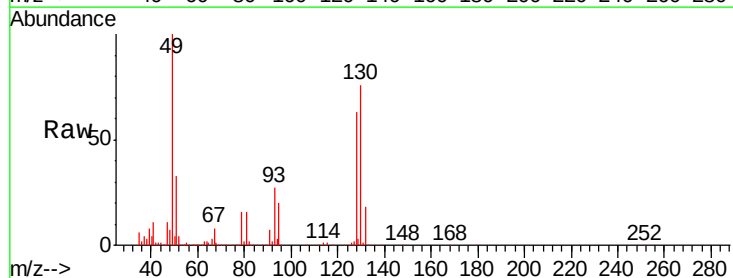
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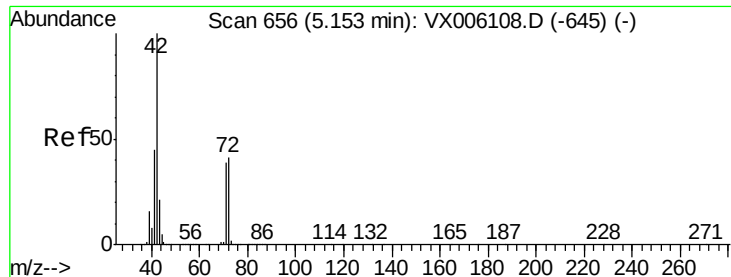


#28

Bromochloromethane
Concen: 51.42 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	111240		
129	2.4	0.0	4.4	
130	76.7	61.6	92.4	





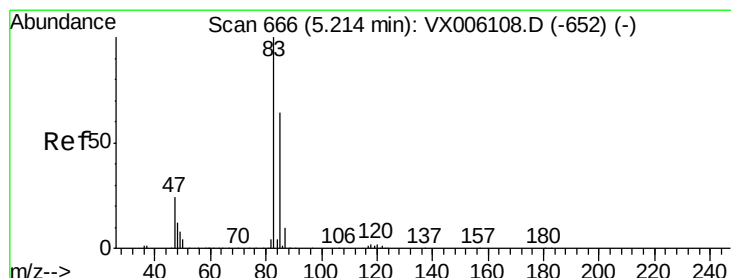
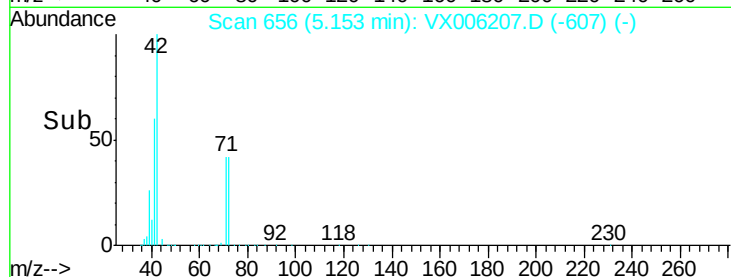
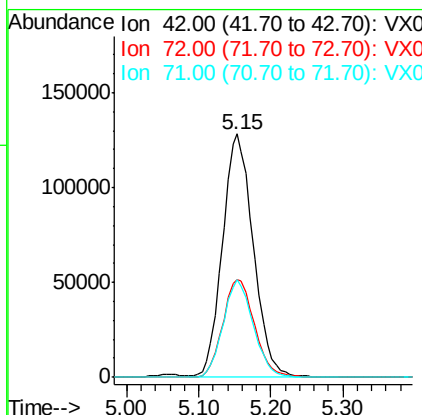
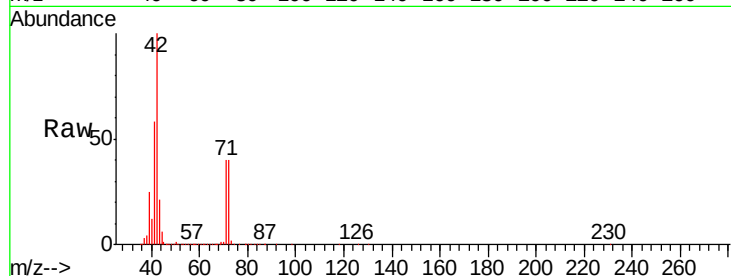
#29
Tetrahydrofuran
Concen: 255.36 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.7	33.0	49.6
71	39.5	31.0	46.4

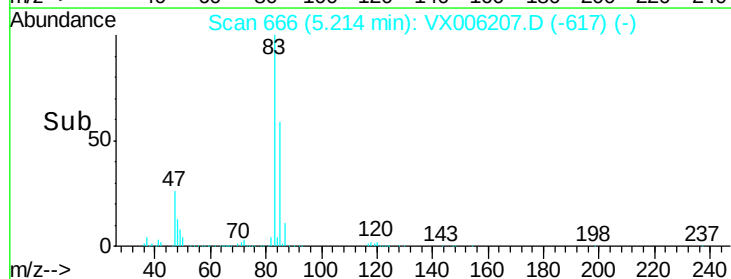
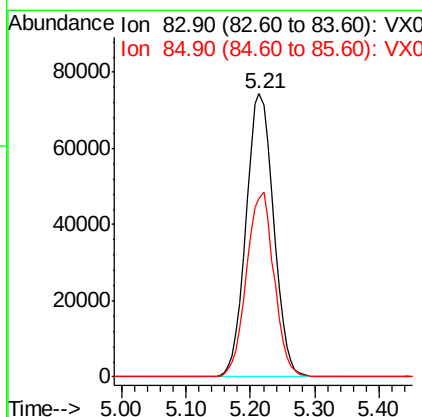
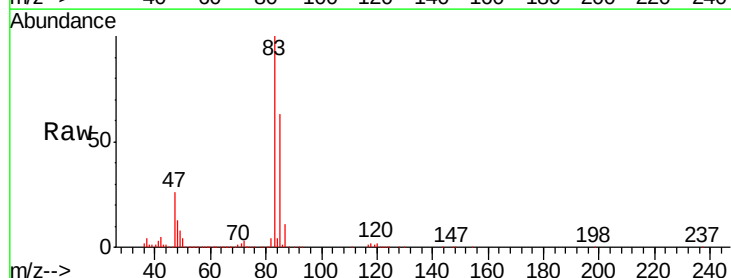
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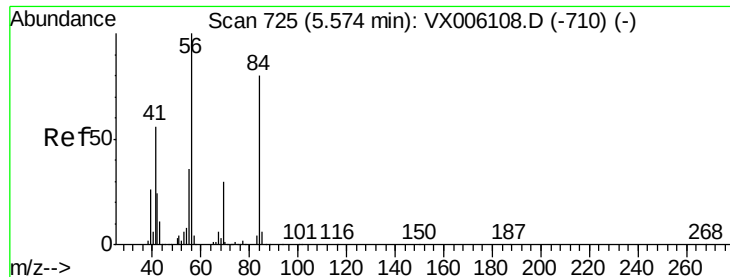
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#30
Chloroform
Concen: 48.52 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.0	76.4





#31

Cyclohexane

Concen: 47.16 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

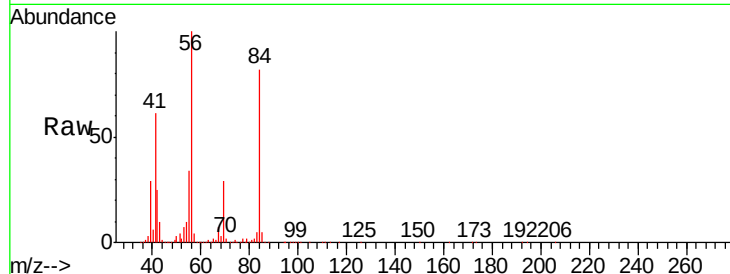
ClientSampleId :

VSTDCCC050EC

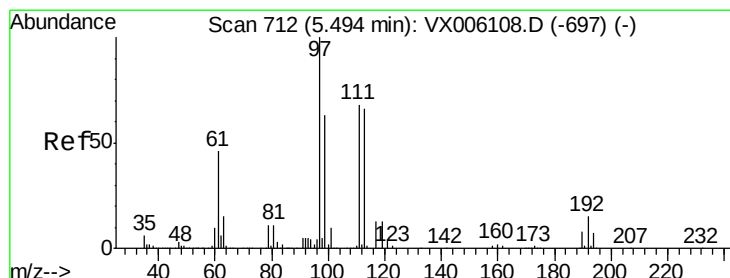
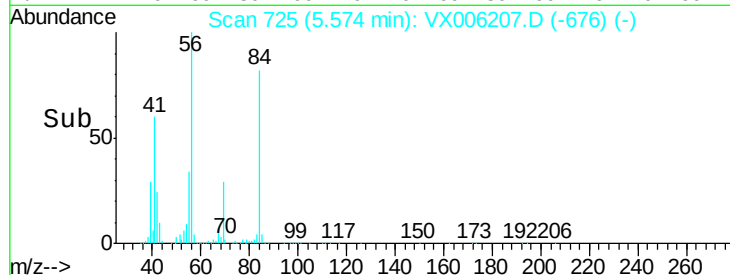
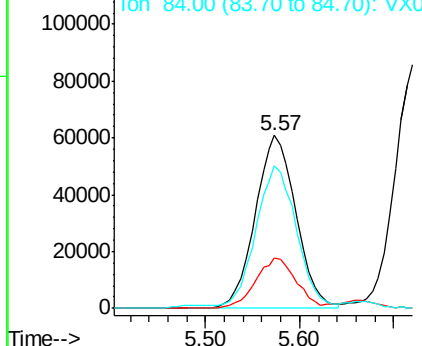
Tgt Ion:	56	Resp:	182860
Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.9	35.9
84	80.7	63.6	95.4

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Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.64 ug/l

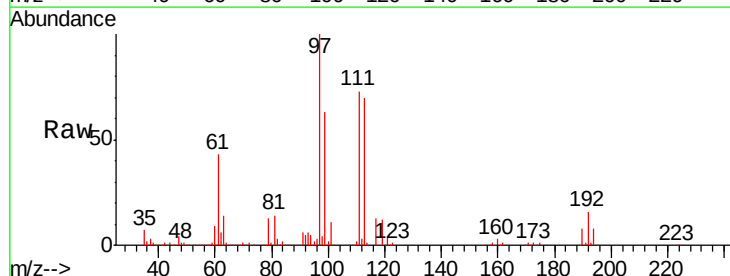
RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

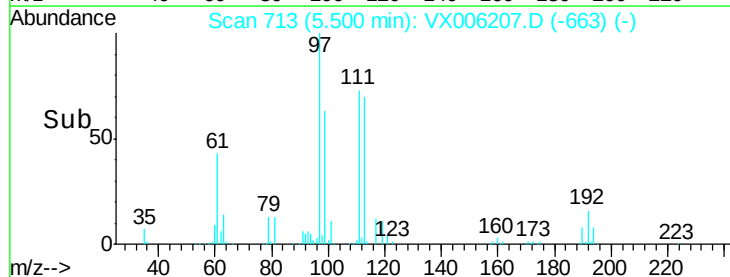
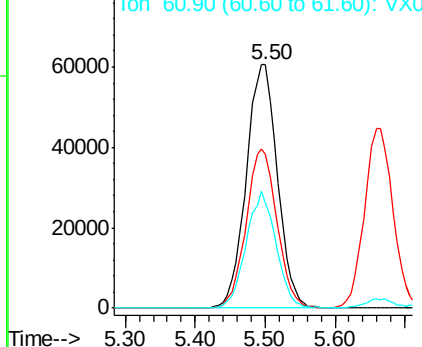
Lab File: VX006207.D

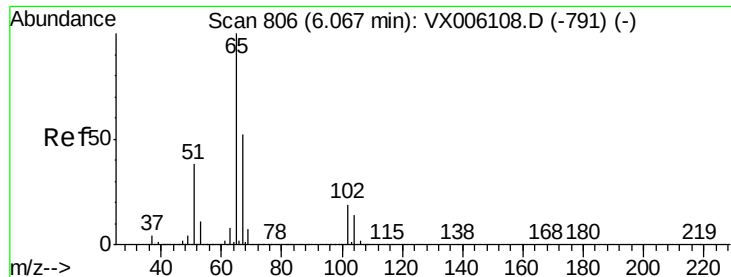
Acq: 27 Nov 2018 06:17

Tgt Ion:	97	Resp:	187553
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.6	77.4
61	45.7	36.6	55.0



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





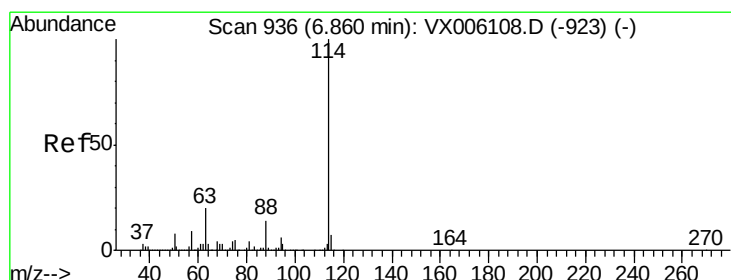
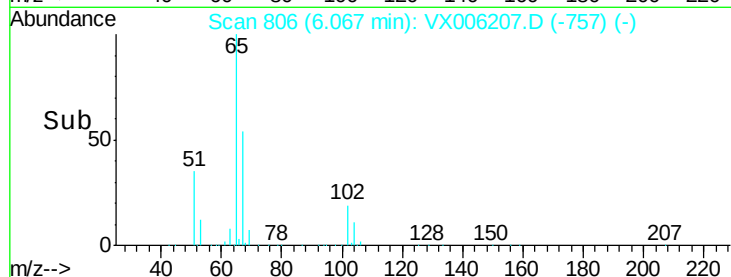
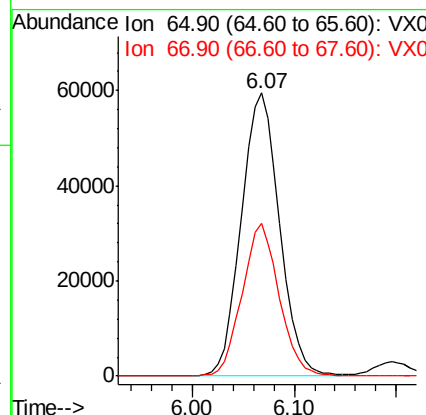
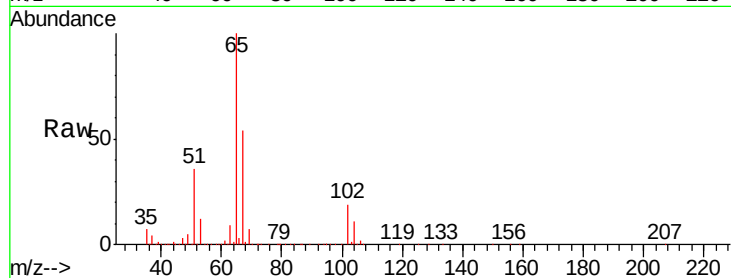
#33
 1,2-Dichloroethane-d4
 Concen: 53.77 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	105.8

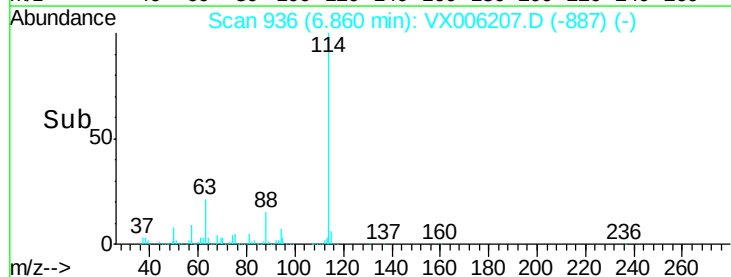
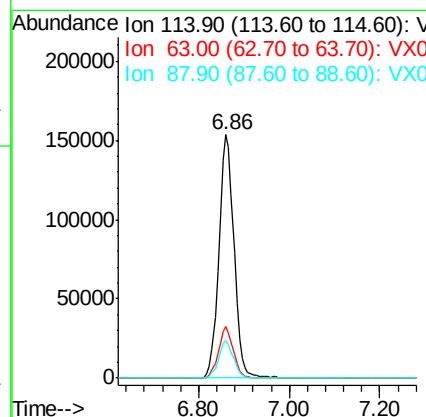
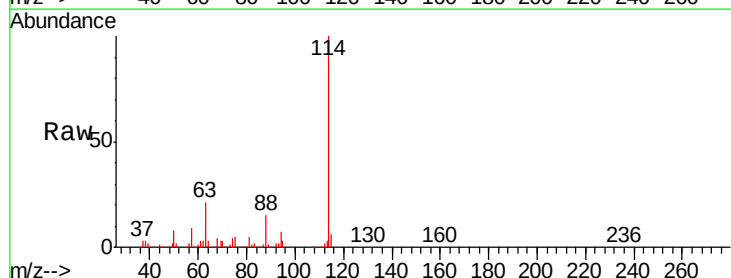
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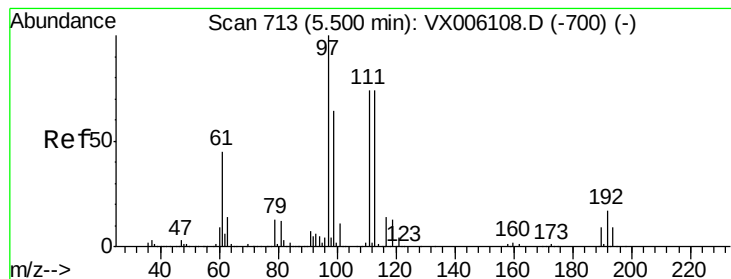
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	39.2
88	15.3	0.0	28.6





#35

Dibromofluoromethane

Concen: 52.72 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

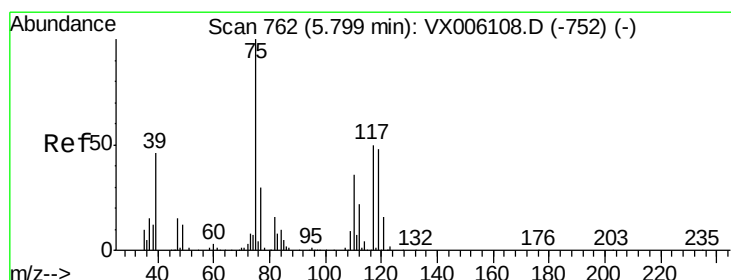
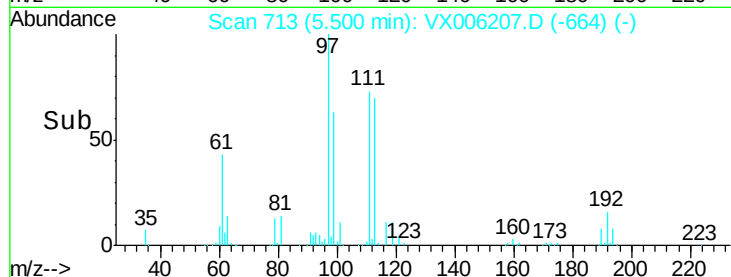
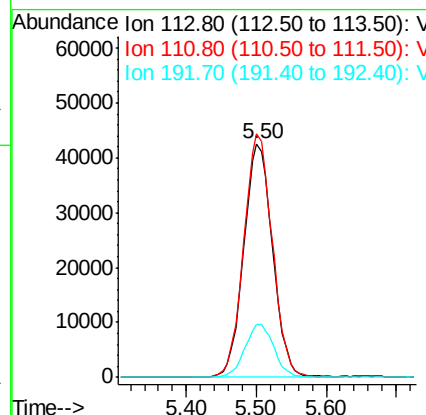
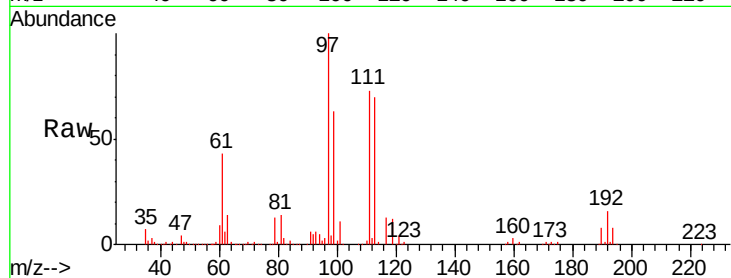
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	113	Resp:	122062
Ion Ratio	Lower	Upper	
113	100		
111	103.1	81.5	122.3
192	22.8	18.6	28.0

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#36

1,1-Dichloropropene

Concen: 48.36 ug/l

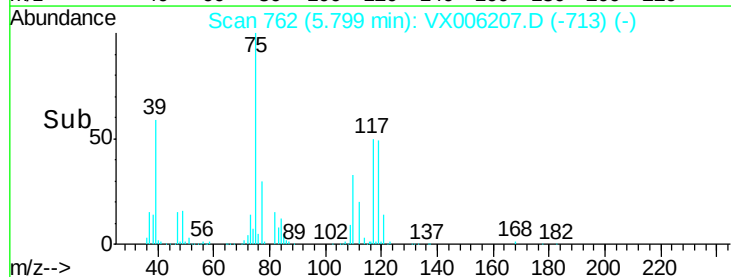
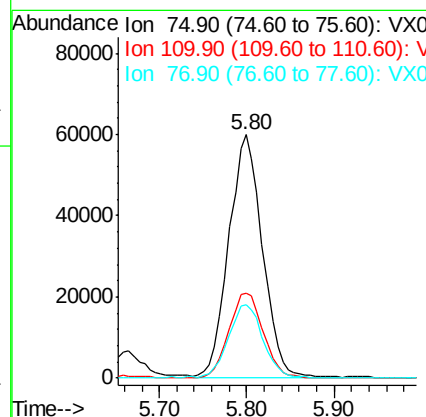
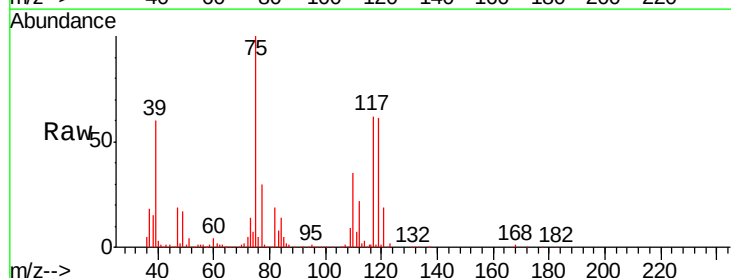
RT: 5.80 min Scan# 762

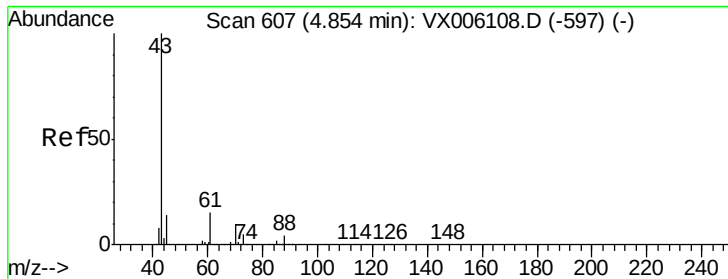
Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Tgt Ion:	75	Resp:	158695
Ion Ratio	Lower	Upper	
75	100		
110	36.3	17.8	53.3
77	30.5	24.5	36.7





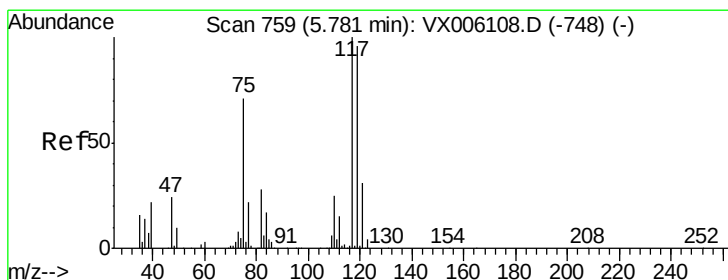
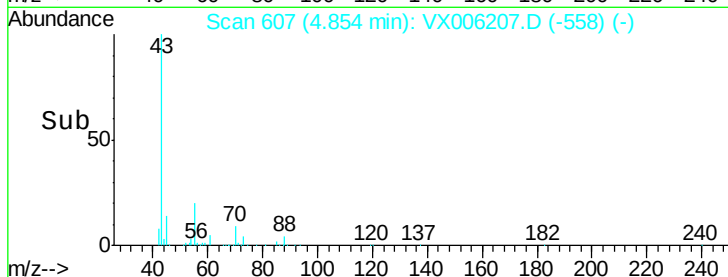
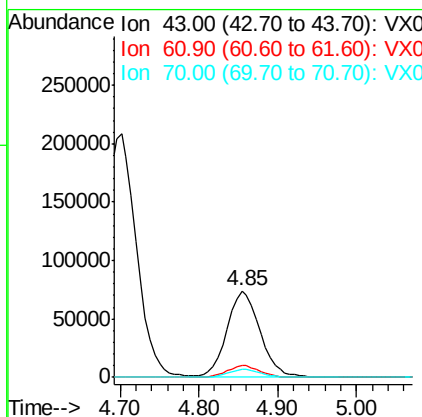
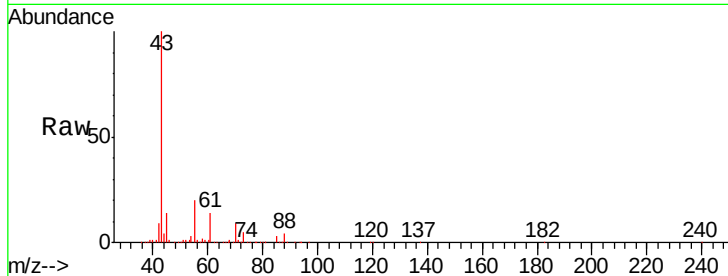
#37
Ethyl Acetate
Concen: 50.97 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.5	15.7
70	9.6	7.9	11.9

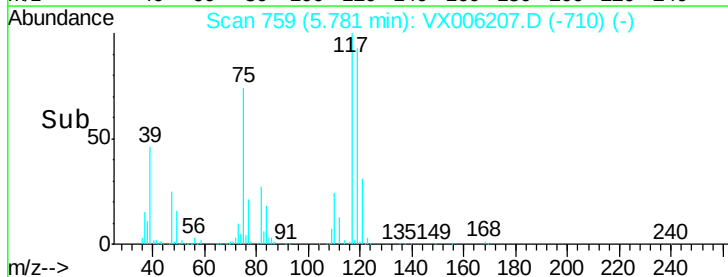
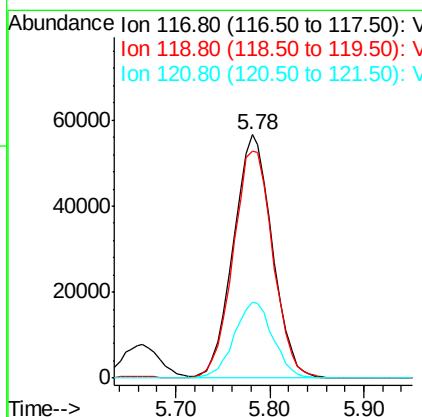
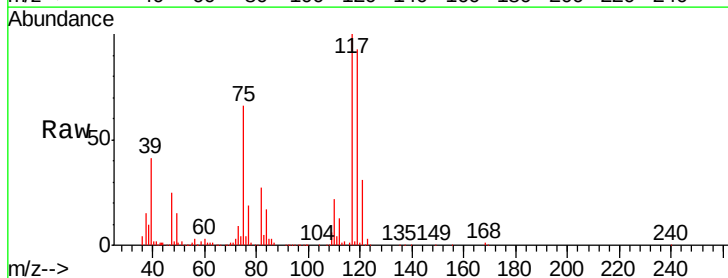
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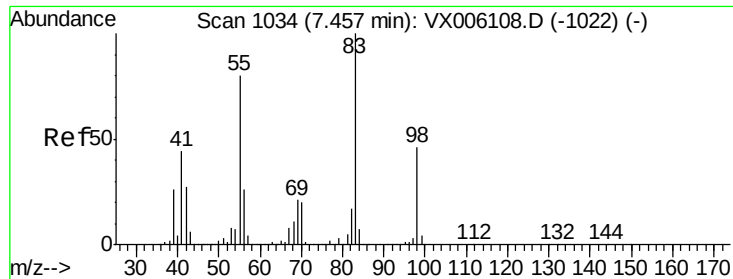
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#38
Carbon Tetrachloride
Concen: 52.76 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.3	114.5
121	31.2	24.7	37.1





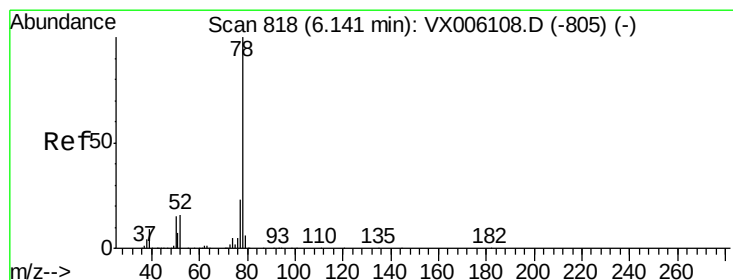
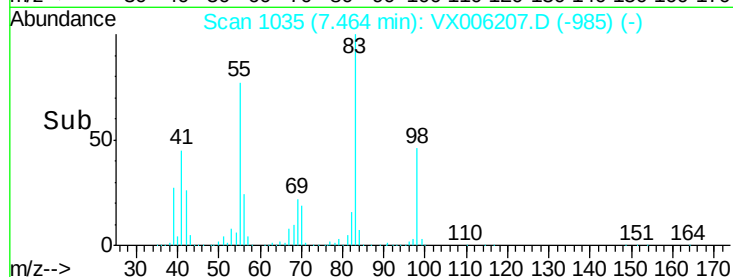
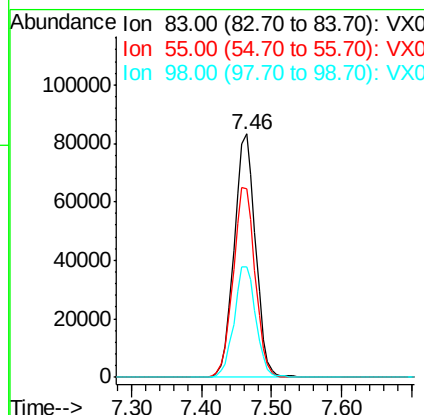
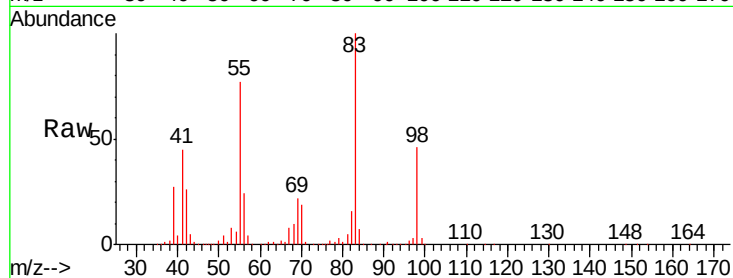
#39
Methylcyclohexane
Concen: 47.23 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.3	63.9	95.9
98	45.5	36.8	55.2

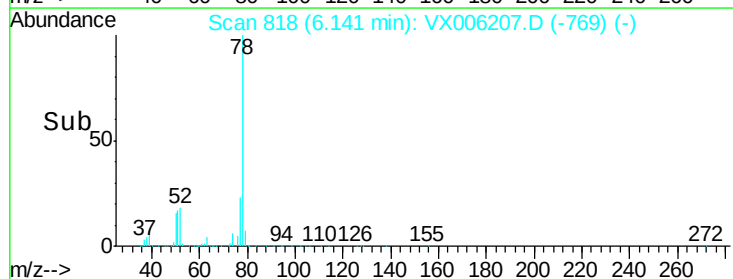
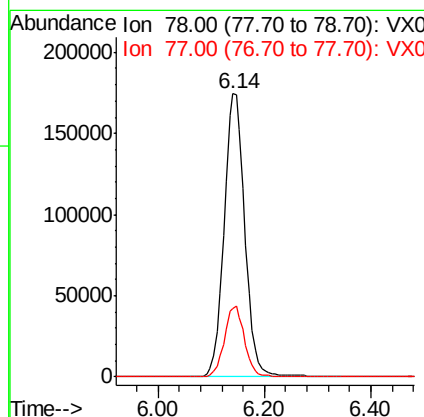
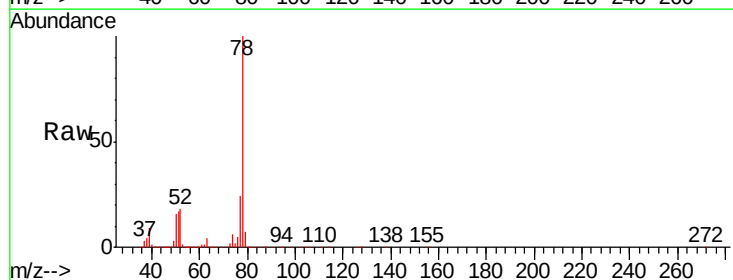
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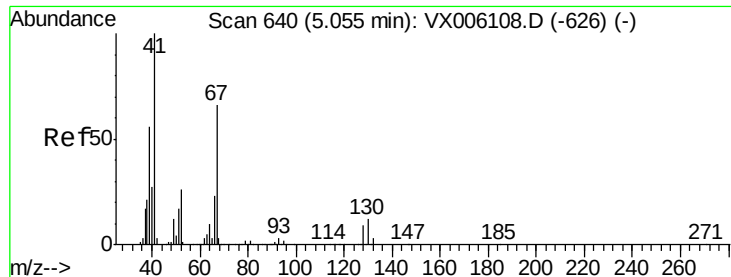
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#40
Benzene
Concen: 49.24 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.8	28.2





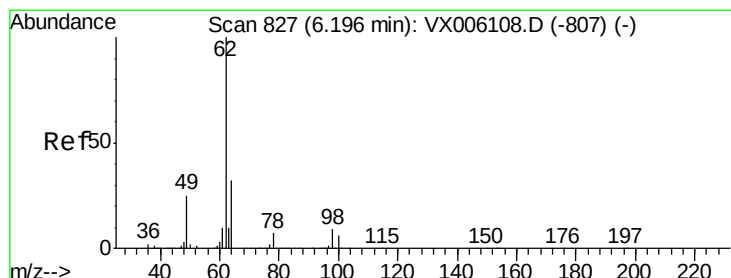
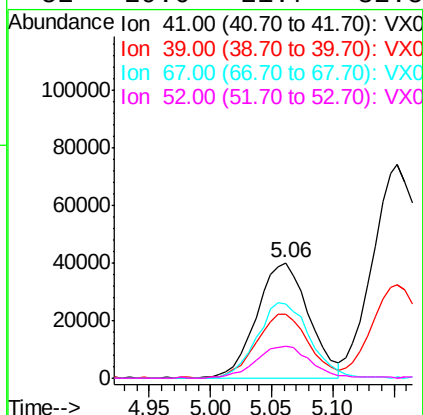
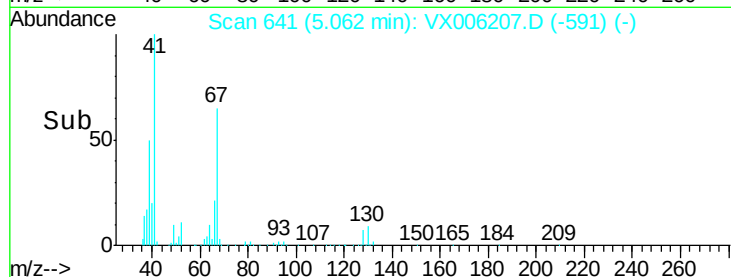
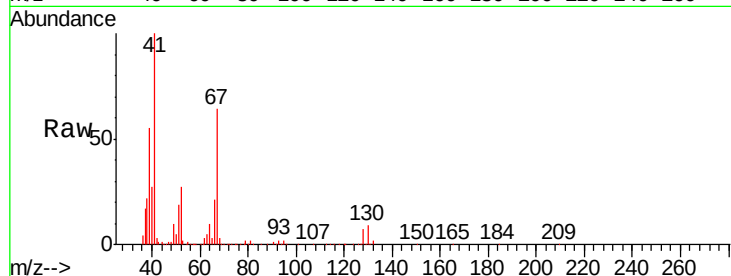
#41
Methacrylonitrile
Concen: 50.34 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.0	44.1	66.1	
67	67.1	54.1	81.1	
52	29.0	21.7	32.5	

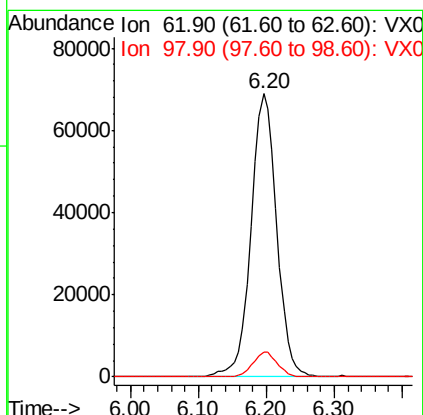
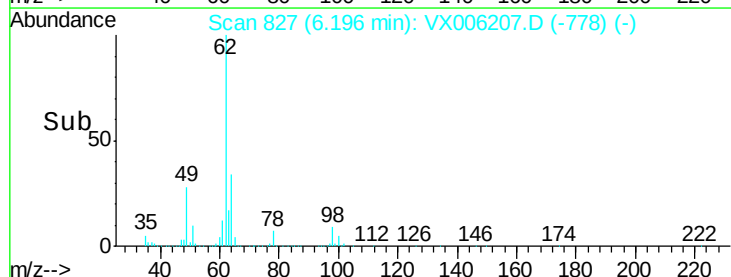
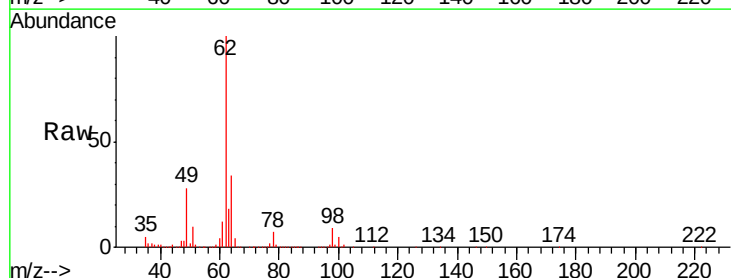
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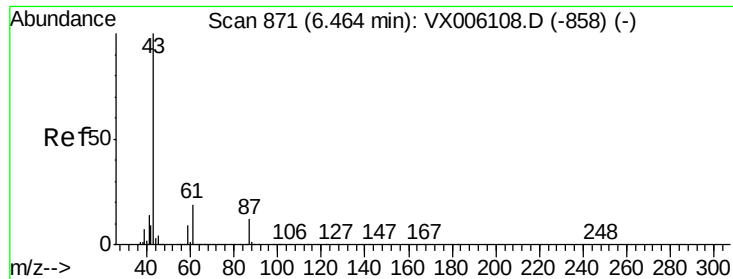
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#42
1,2-Dichloroethane
Concen: 50.07 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	17.8	





#43

Isopropyl Acetate

Concen: 52.42 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

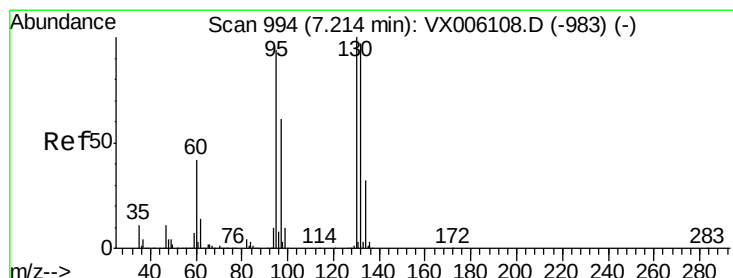
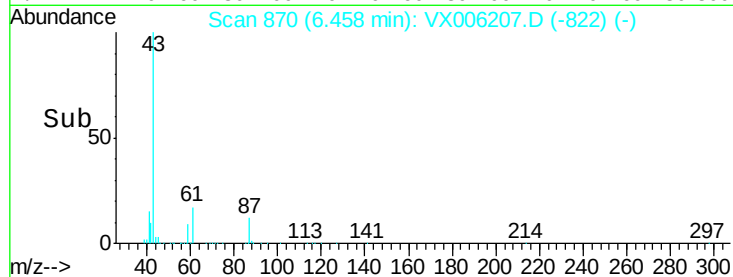
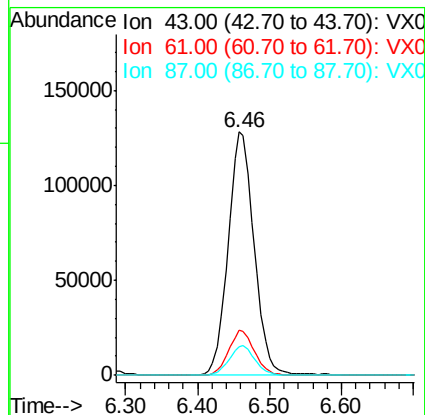
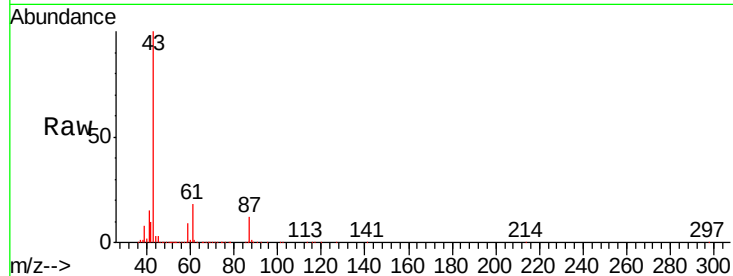
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	319618
Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.2	22.8
87	12.3	9.6	14.4

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#44

Trichloroethene

Concen: 48.37 ug/l

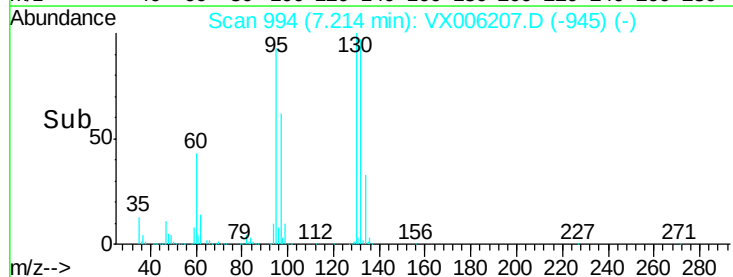
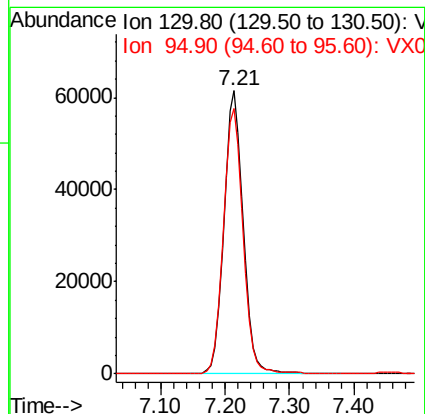
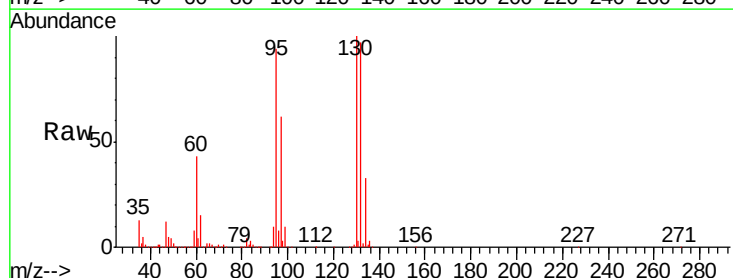
RT: 7.21 min Scan# 994

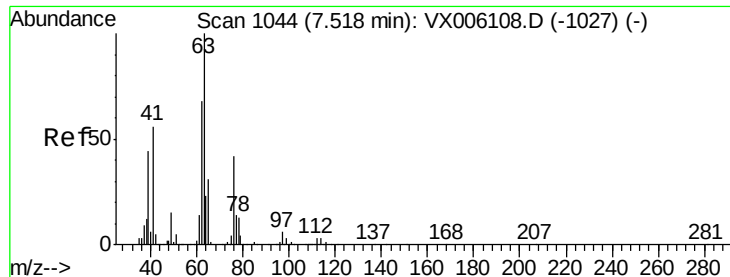
Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Tgt Ion:	130	Resp:	129975
Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	188.8





#45

1,2-Dichloropropane

Concen: 50.02 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 127976

Ion Ratio Lower Upper

63 100

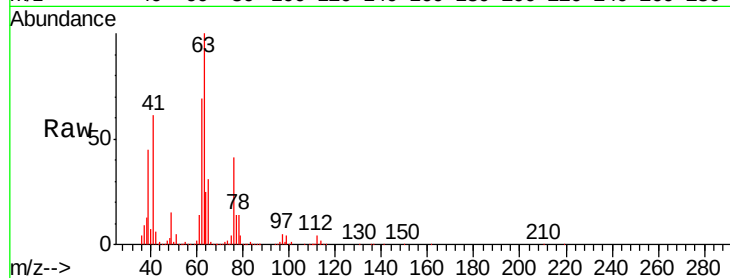
65 31.0 24.8 37.2

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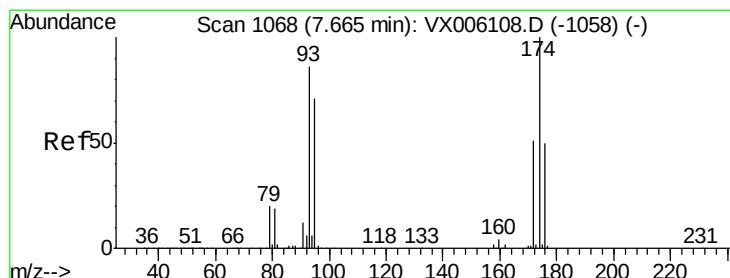
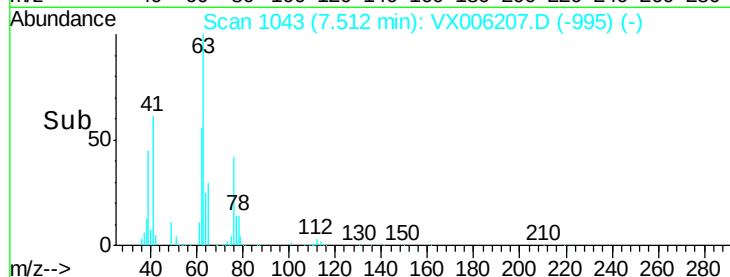
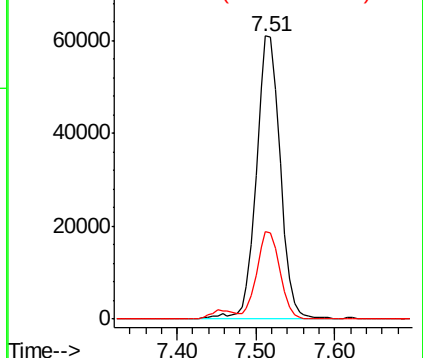
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.55 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

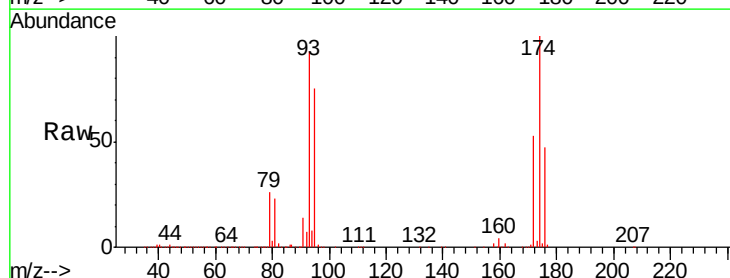
Tgt Ion: 93 Resp: 86813

Ion Ratio Lower Upper

93 100

95 83.9 66.3 99.5

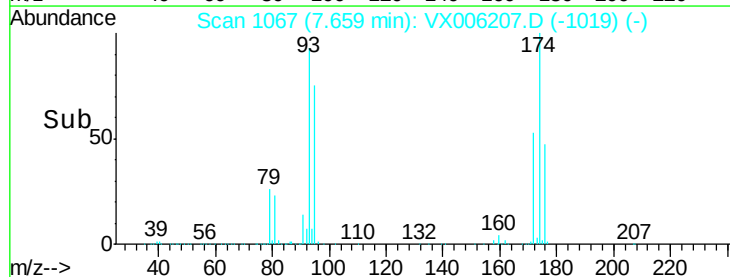
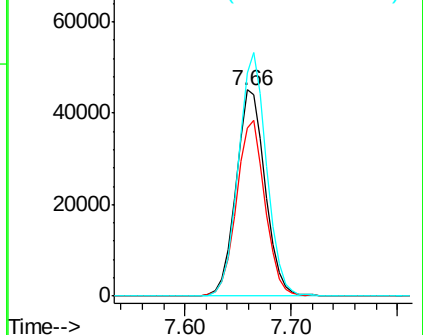
174 114.1 91.0 136.6

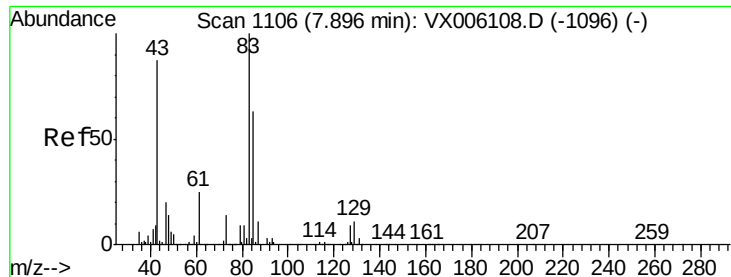


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





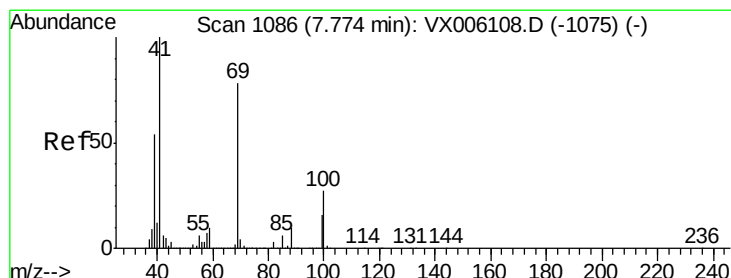
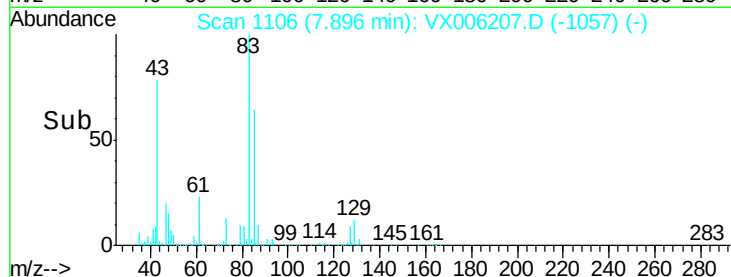
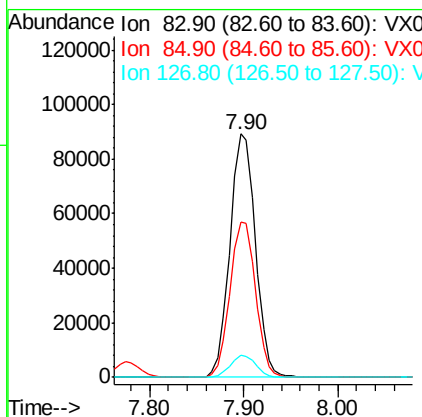
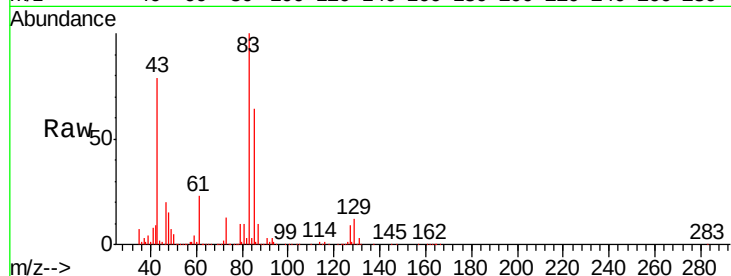
#47
 Bromodichloromethane
 Concen: 51.91 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.4	75.6
127	9.0	7.0	10.4

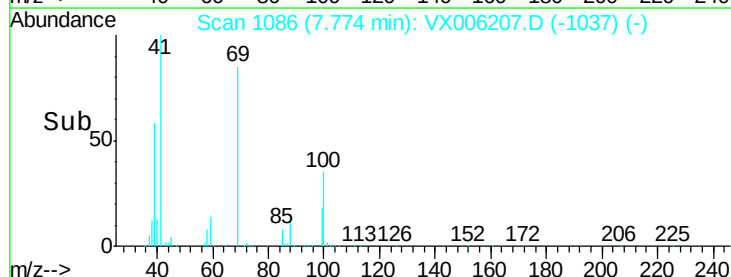
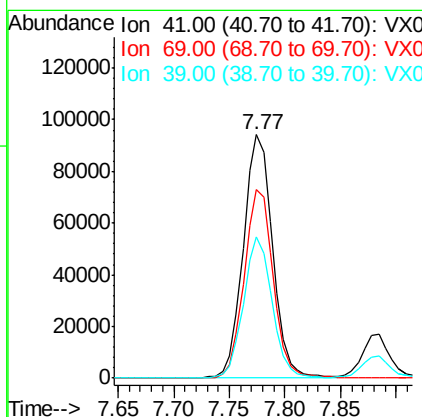
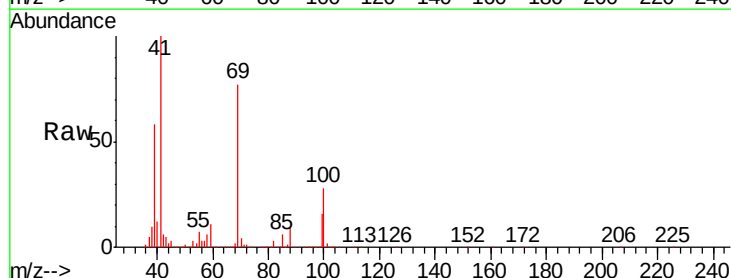
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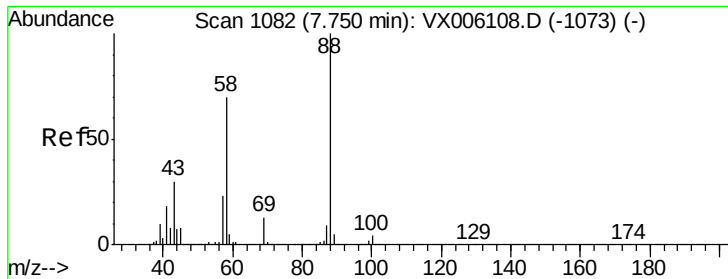
MMDadoda
 11/27/2018 11:44:03 AM



#48
 Methyl methacrylate
 Concen: 55.63 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Tgt Ion	Ratio	Lower	Upper
41	100		
69	77.5	62.8	94.2
39	56.7	43.8	65.6





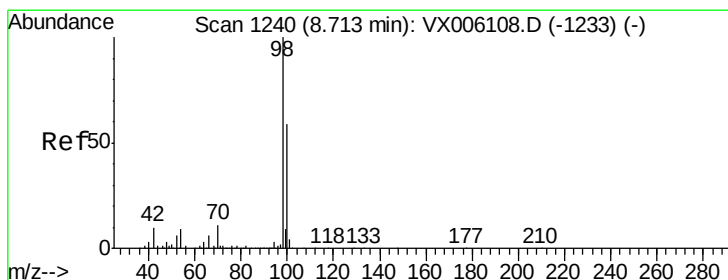
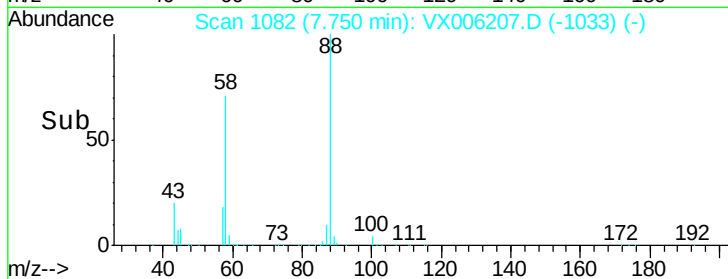
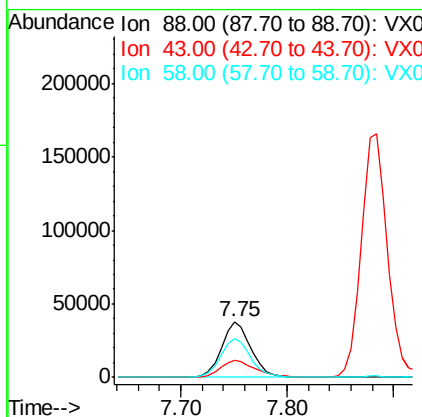
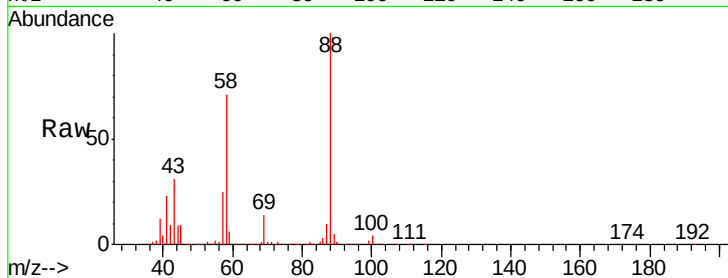
#49
1,4-Dioxane
Concen: 976.76 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.4	26.7	40.1
58	72.3	58.5	87.7

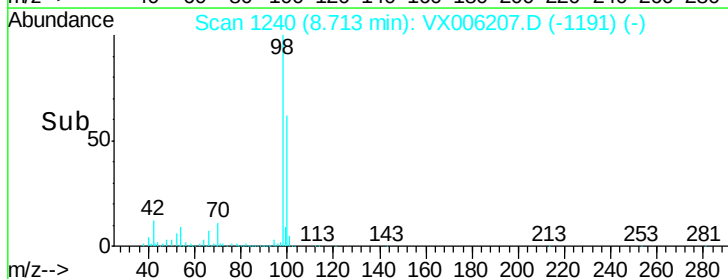
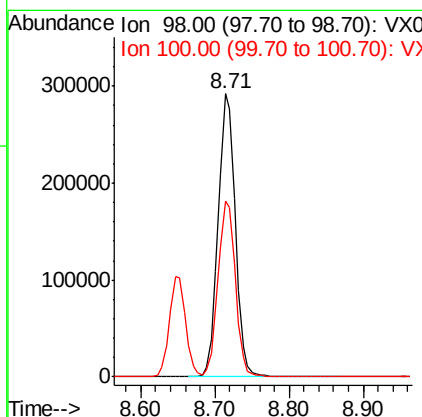
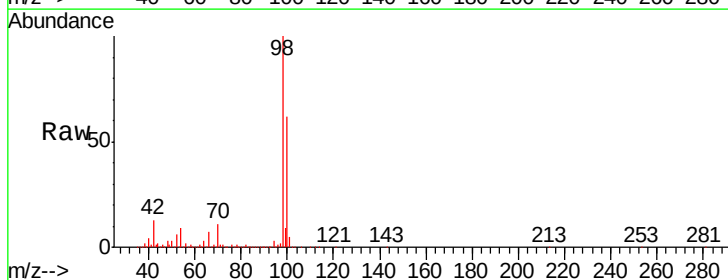
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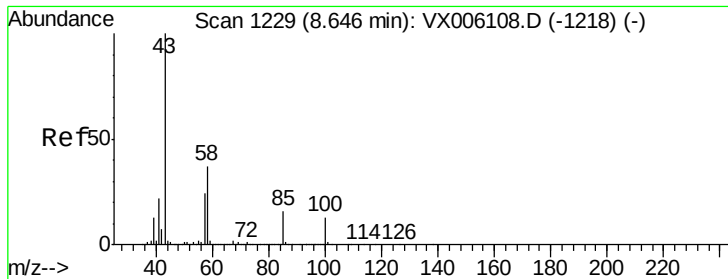
MMDadoda
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#50
Toluene-d8
Concen: 52.49 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 266.51 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1164872

Ion Ratio Lower Upper

43 100

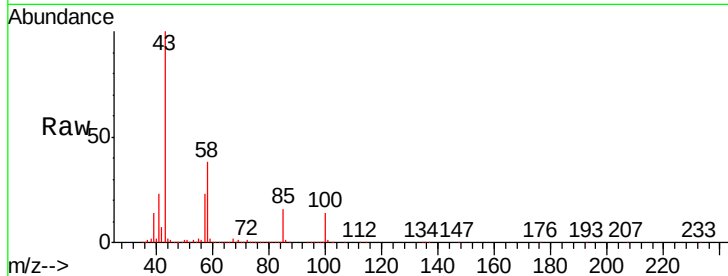
58 37.3 29.9 44.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

800000

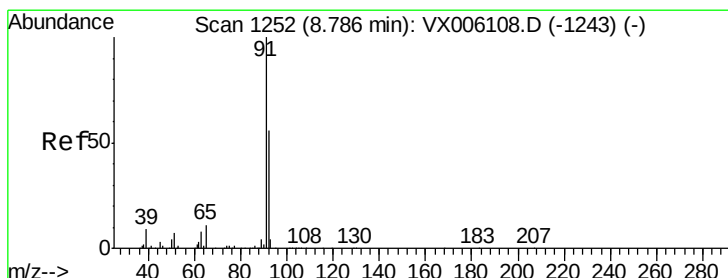
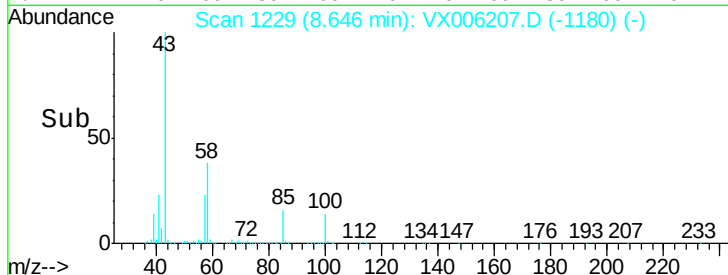
600000

400000

200000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 50.82 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006207.D

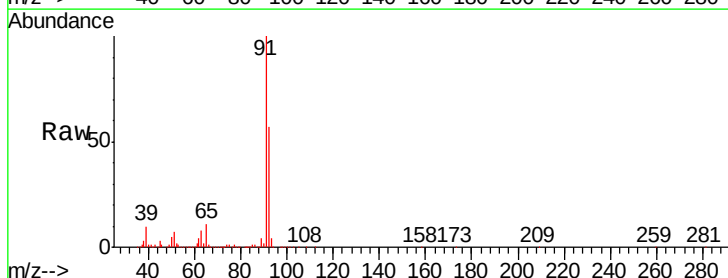
Acq: 27 Nov 2018 06:17

Tgt Ion: 92 Resp: 303865

Ion Ratio Lower Upper

92 100

91 176.9 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

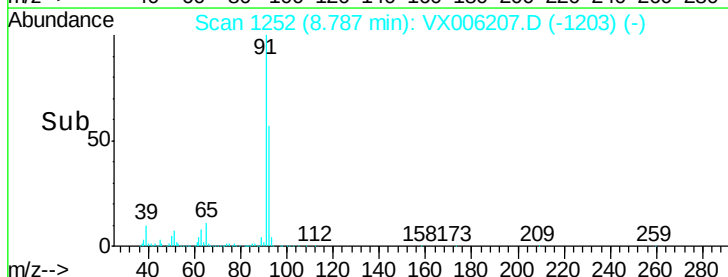
300000

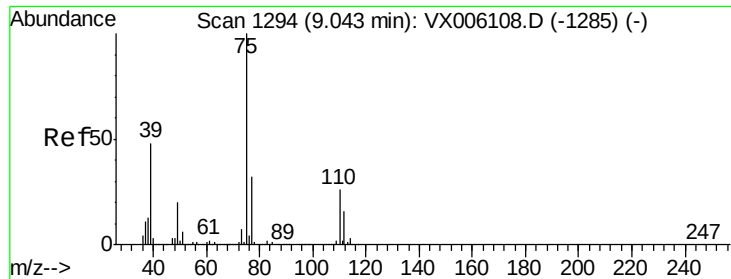
200000

100000

0

Time--> 8.70 8.80 8.90





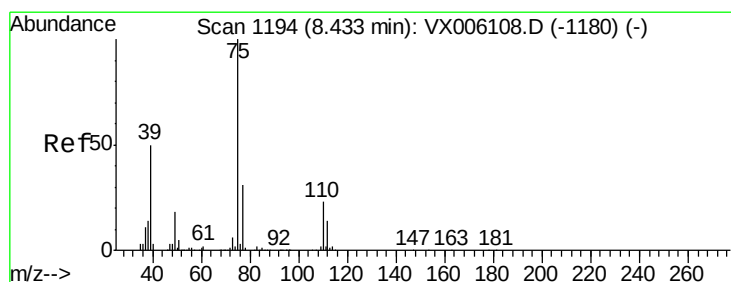
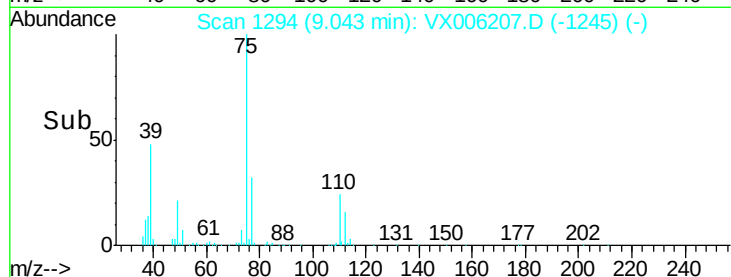
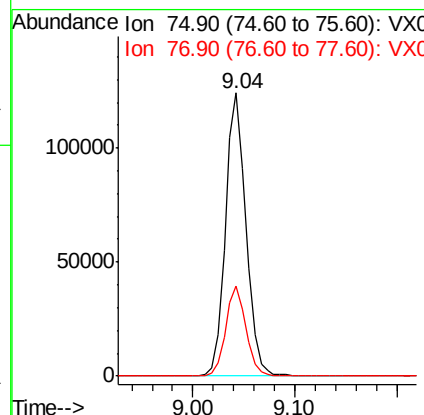
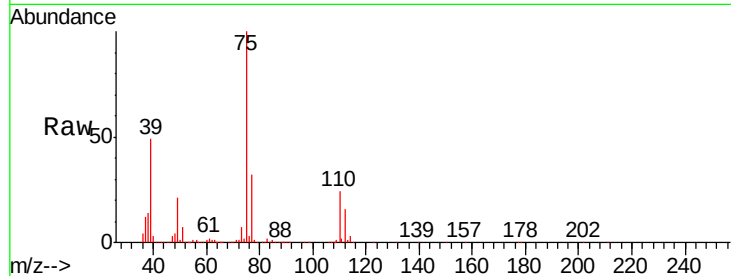
#53
t-1,3-Dichloropropene
Concen: 51.41 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 173869
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5

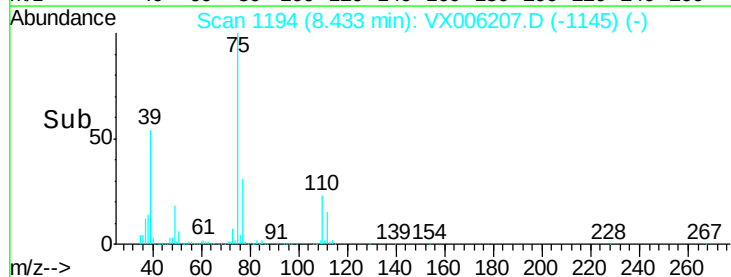
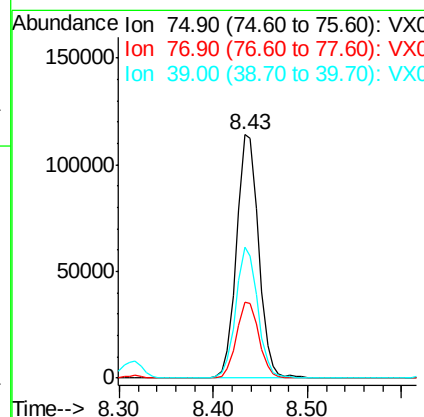
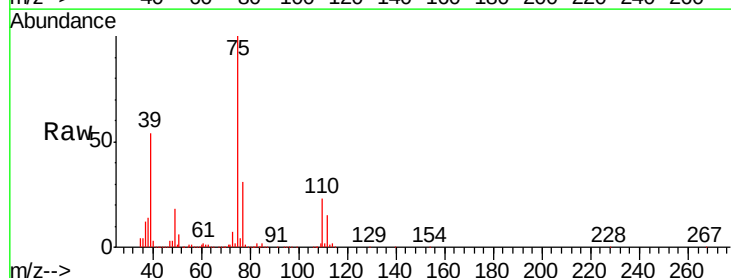
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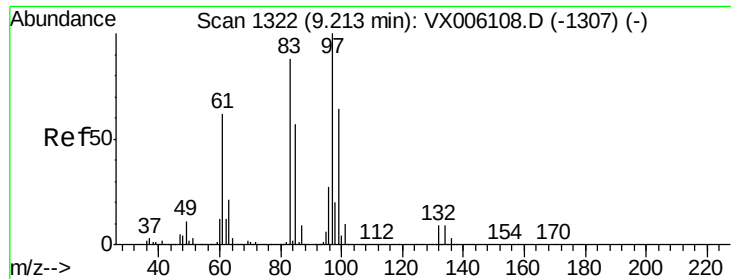
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#54
cis-1,3-Dichloropropene
Concen: 49.80 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion: 75 Resp: 186178
Ion Ratio Lower Upper
75 100
77 31.4 24.7 37.1
39 53.8 40.3 60.5





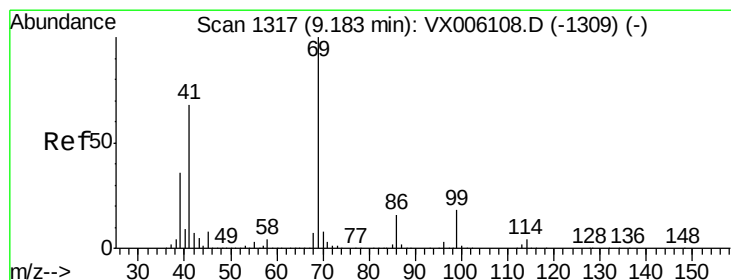
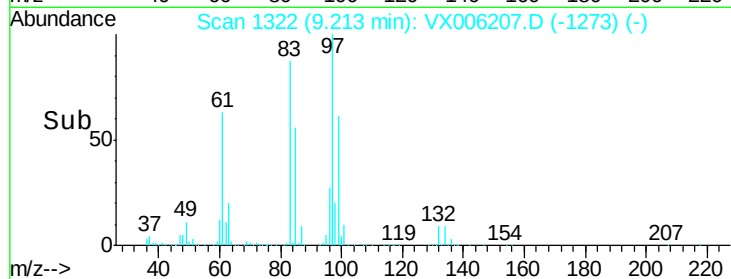
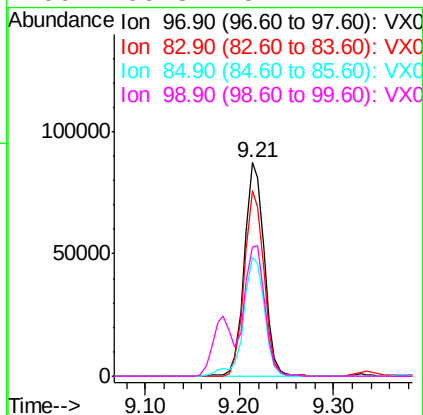
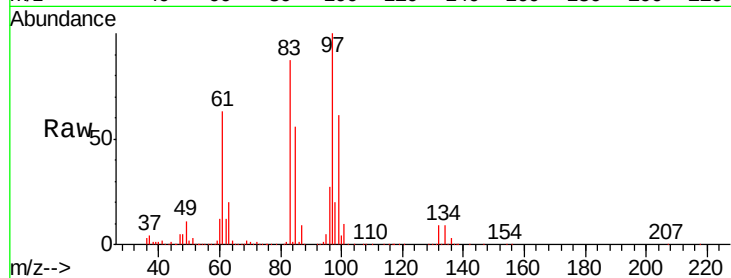
#55
 1,1,2-Trichloroethane
 Concen: 49.98 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	129433
Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.7	106.1
85	56.0	45.7	68.5
99	60.8	51.4	77.2

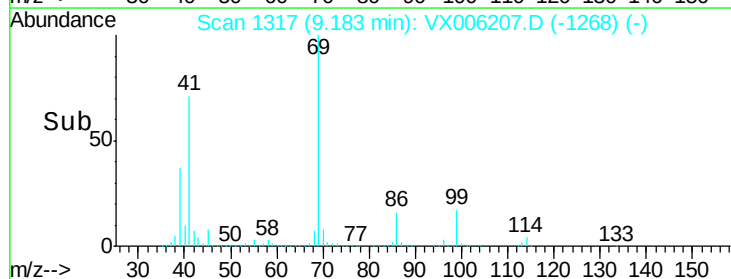
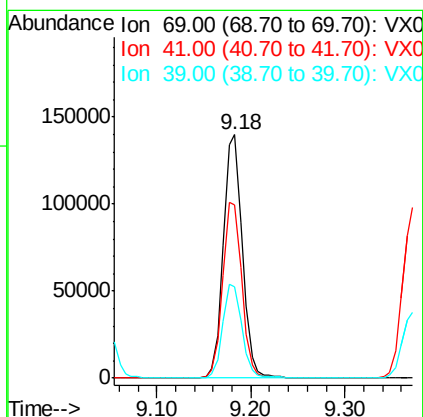
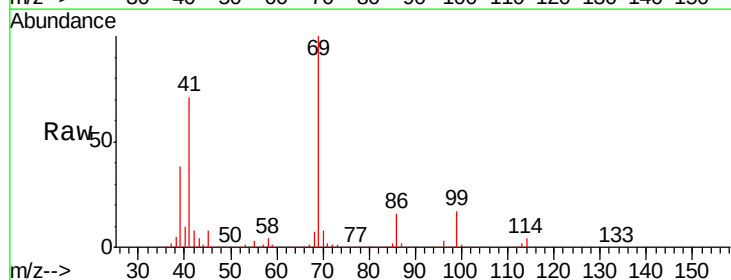
Manual Integrations
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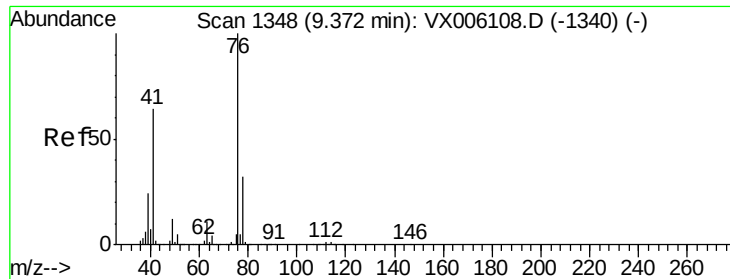
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#56
 Ethyl methacrylate
 Concen: 48.56 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Tgt Ion:	69	Resp:	195489
Ion	Ratio	Lower	Upper
69	100		
41	72.8	56.2	84.4
39	38.9	29.4	44.0





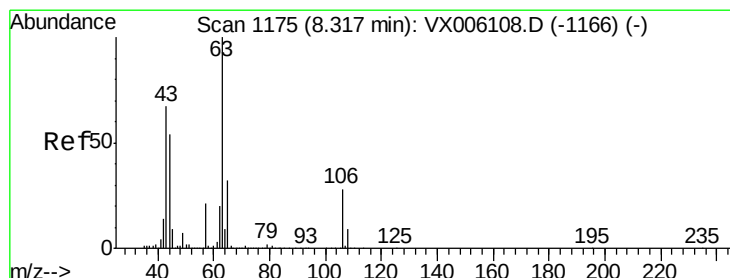
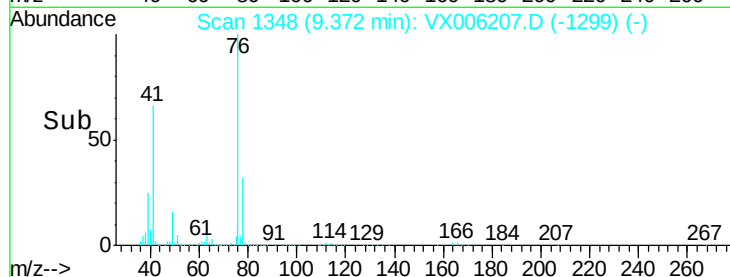
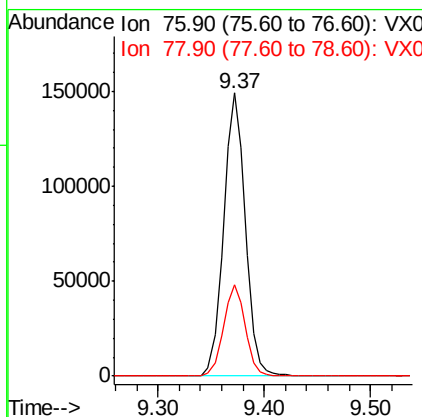
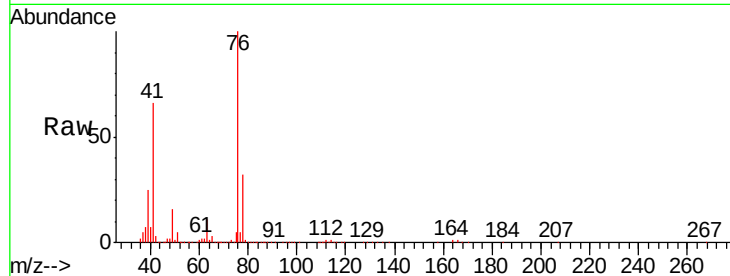
#57
 1,3-Dichloropropane
 Concen: 49.80 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 212572
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5

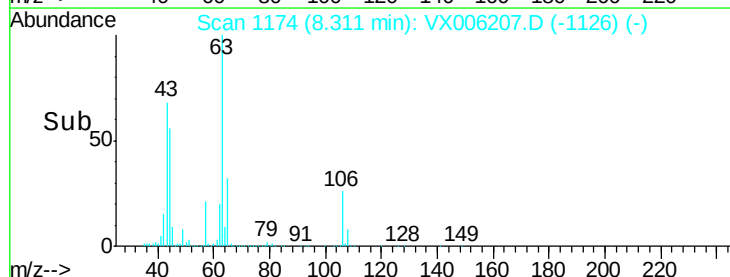
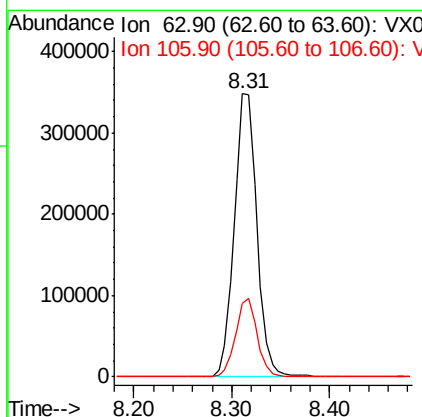
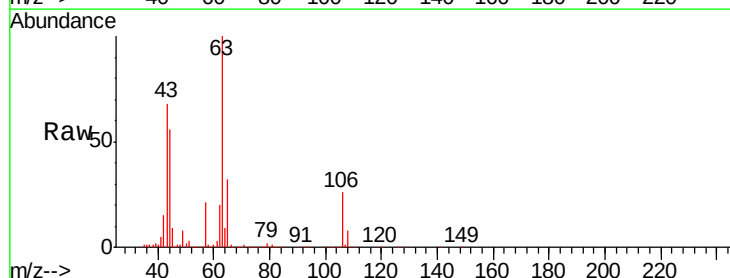
Manual Integrations
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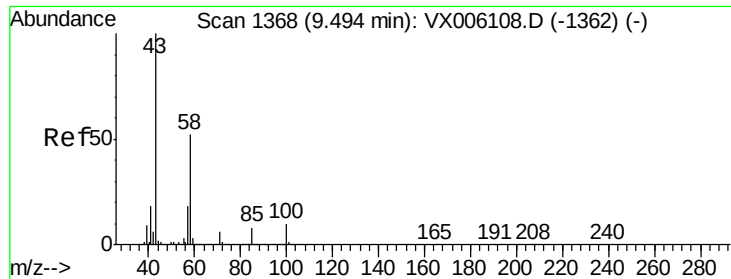
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 11/27/2018 11:44:03 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 248.81 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Tgt Ion: 63 Resp: 559936
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.7 32.5





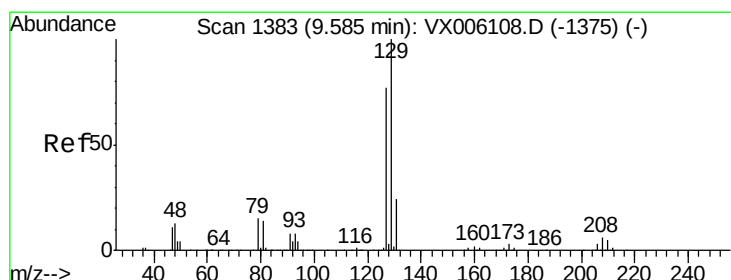
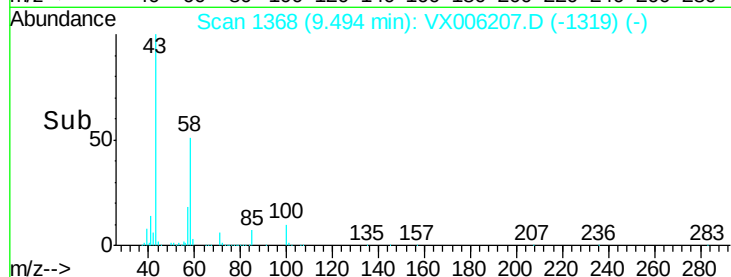
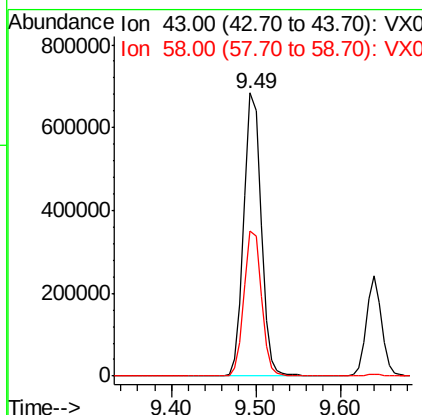
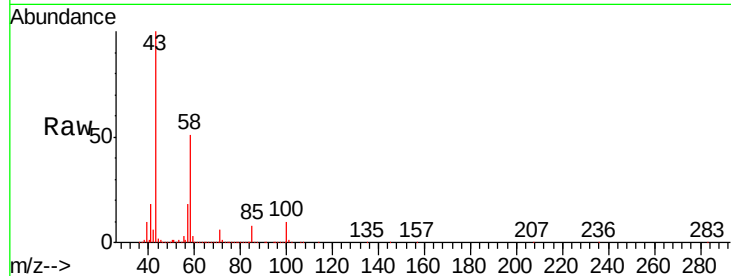
#59
2-Hexanone
Concen: 270.03 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 936666
Ion Ratio Lower Upper
43 100
58 51.7 26.3 78.9

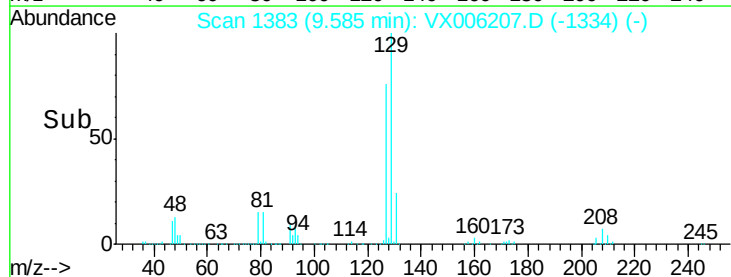
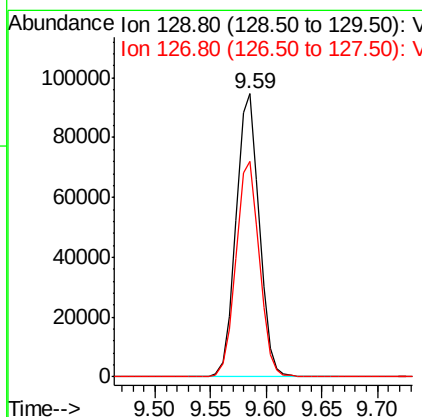
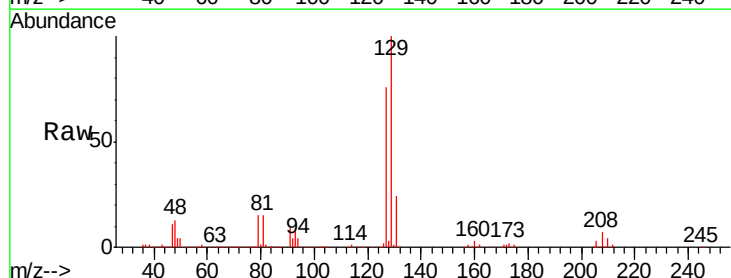
Manual Integrations
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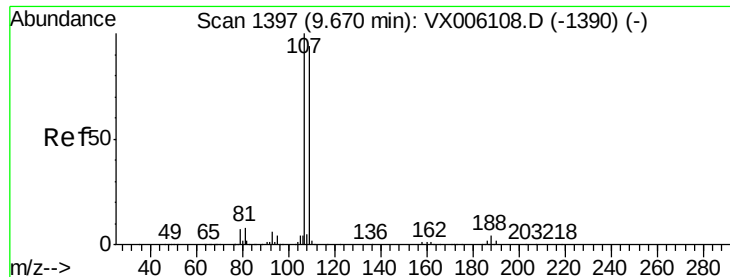
MMDadoda
11/27/2018 11:44:03 AM



#60
Dibromochloromethane
Concen: 53.73 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion: 129 Resp: 136418
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.5





#61

1,2-Dibromoethane

Concen: 51.44 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 137246

Ion Ratio Lower Upper

107 100

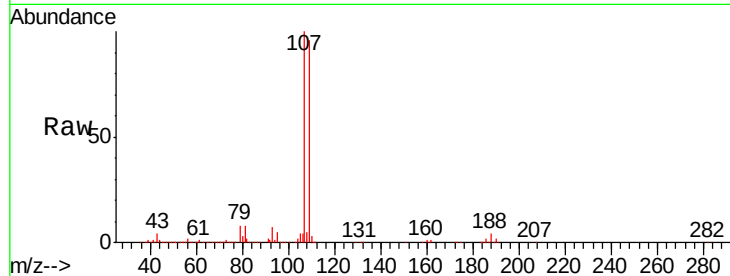
109 94.9 75.7 113.5

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

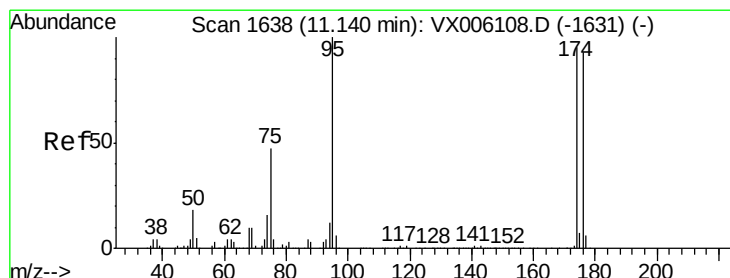
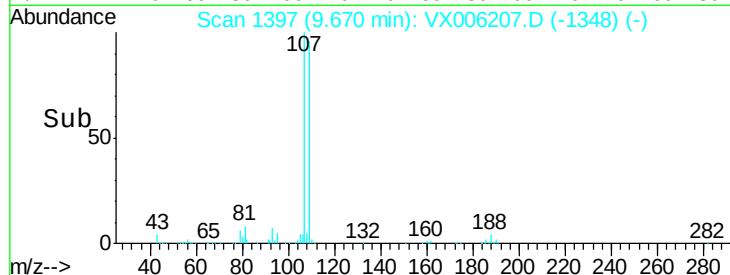
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.33 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

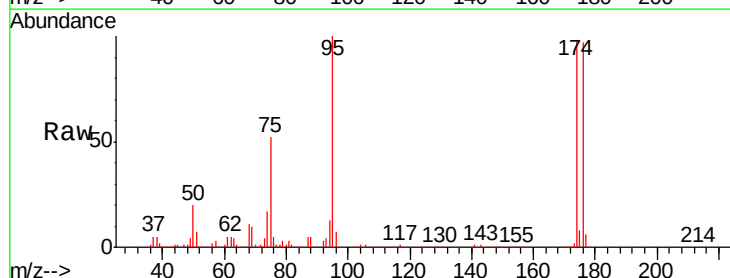
Tgt Ion: 95 Resp: 170094

Ion Ratio Lower Upper

95 100

174 93.2 0.0 184.4

176 91.0 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

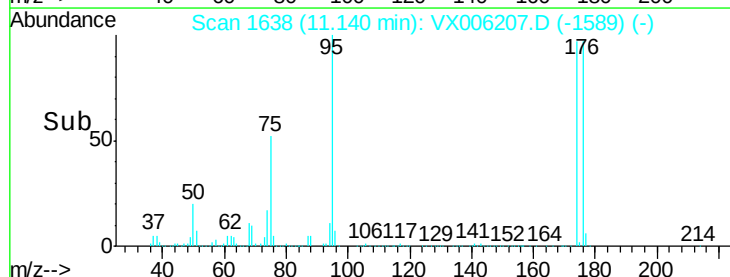
150000

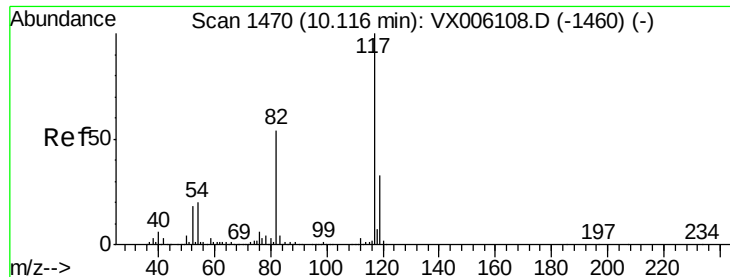
100000

50000

0

Time-->





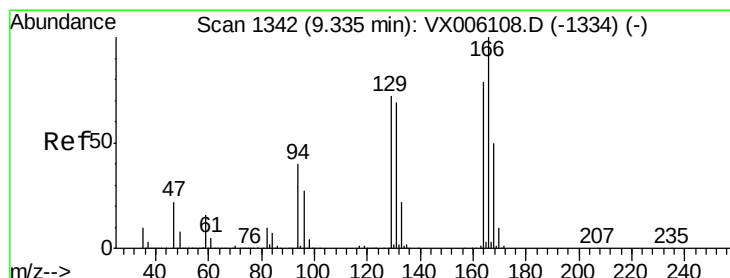
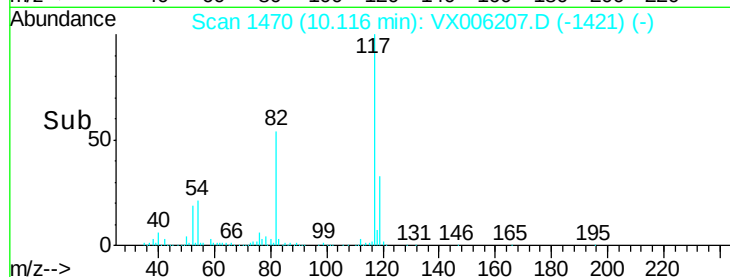
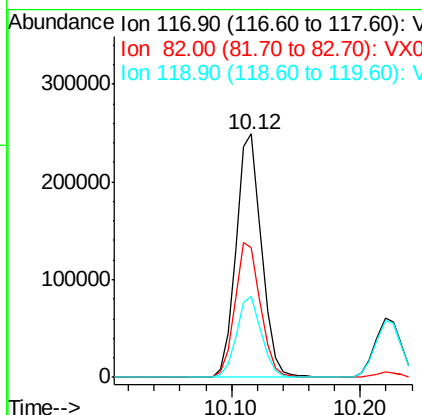
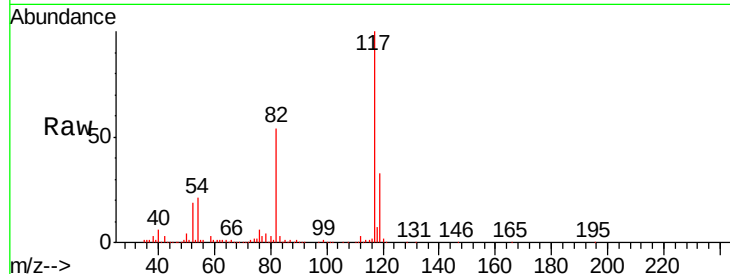
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	341421		
82	53.5	43.0	64.4	
119	33.1	26.1	39.1	

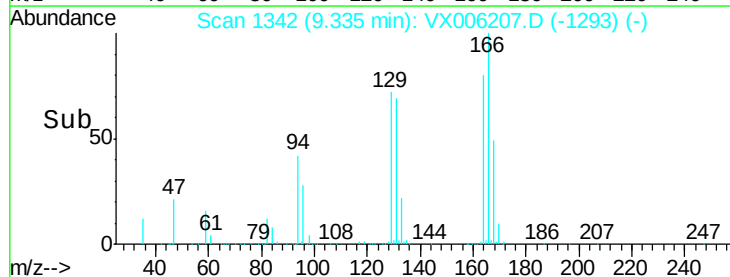
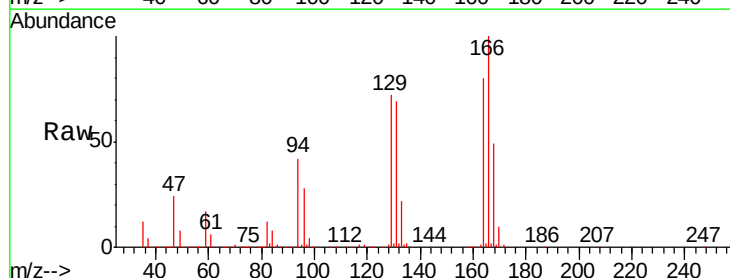
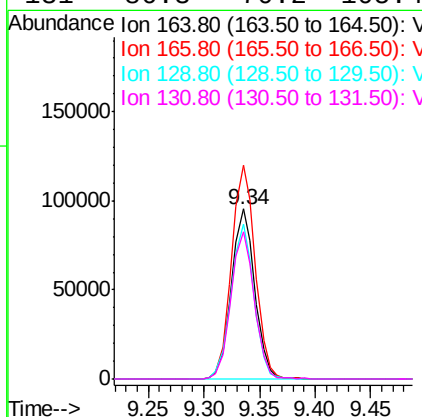
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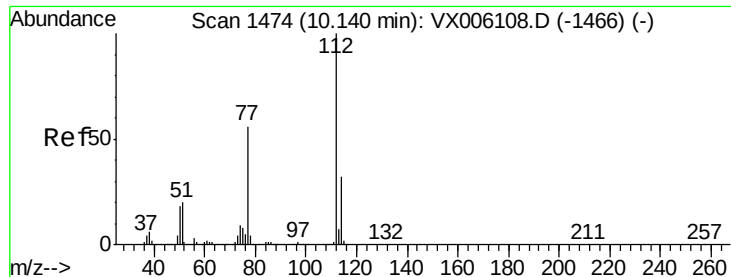
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#64
Tetrachloroethene
Concen: 49.27 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	138436		
166	125.5	101.5	152.3	
129	90.7	73.4	110.0	
131	86.3	70.2	105.4	





#65

Chlorobenzene

Concen: 49.56 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 347084

Ion Ratio Lower Upper

112 100

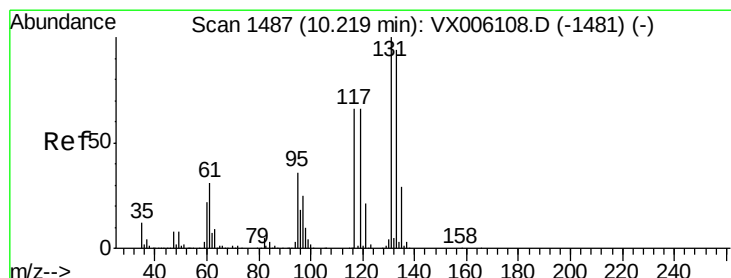
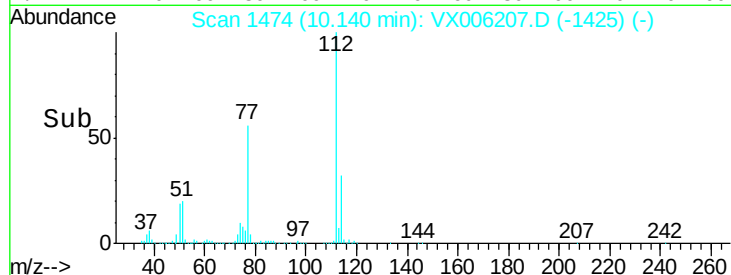
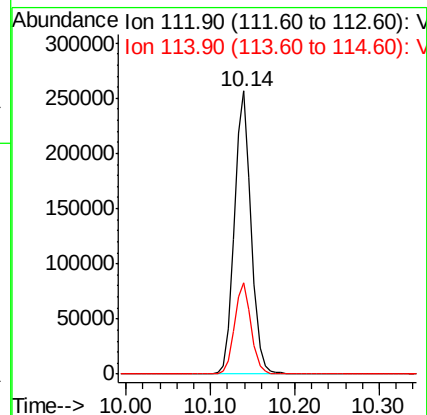
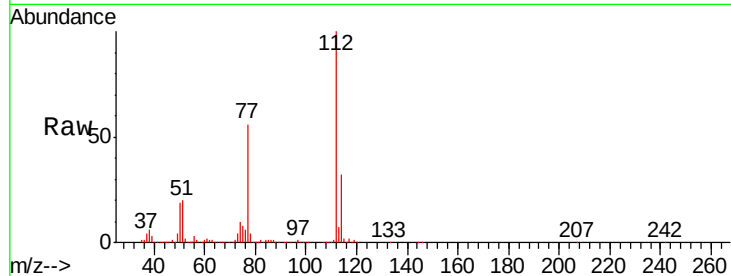
114 32.4 25.6 38.4

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#66

1,1,1,2-Tetrachloroethane

Concen: 53.18 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

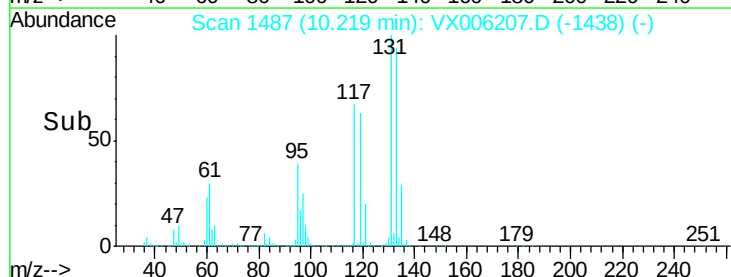
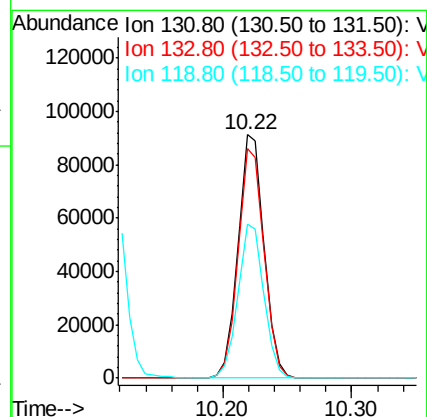
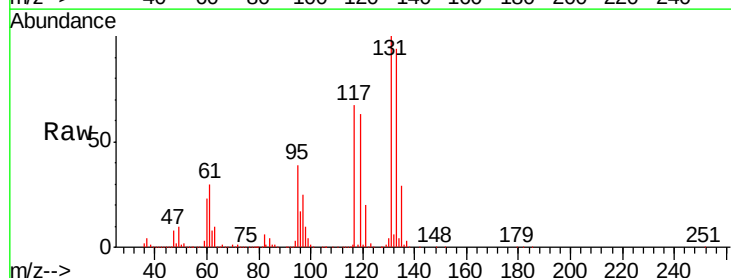
Tgt Ion:131 Resp: 127855

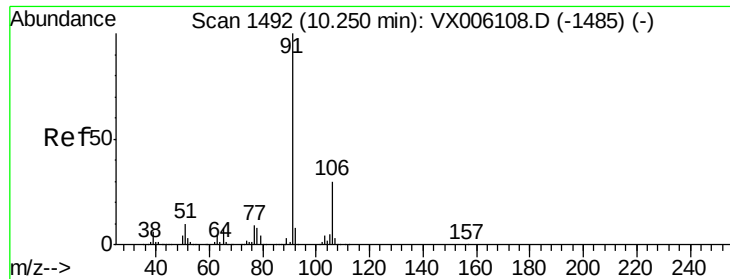
Ion Ratio Lower Upper

131 100

133 94.1 48.0 144.2

119 63.3 32.6 97.8





#67

Ethyl Benzene

Concen: 52.02 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 596493

Ion Ratio Lower Upper

91 100

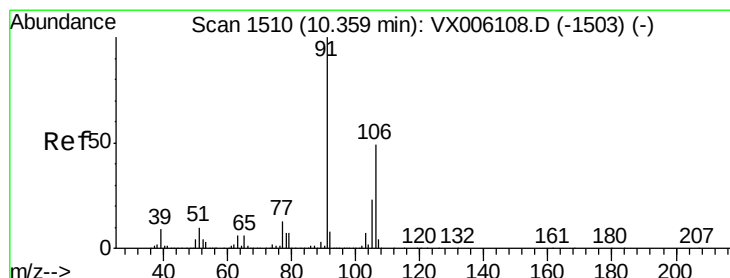
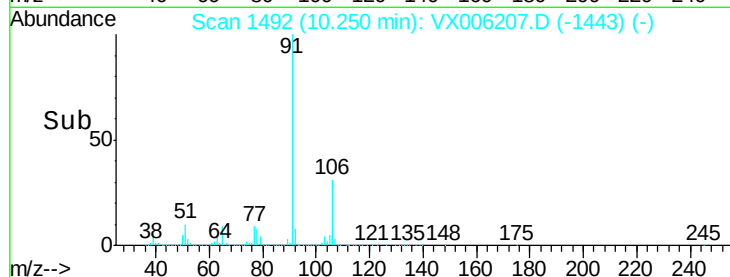
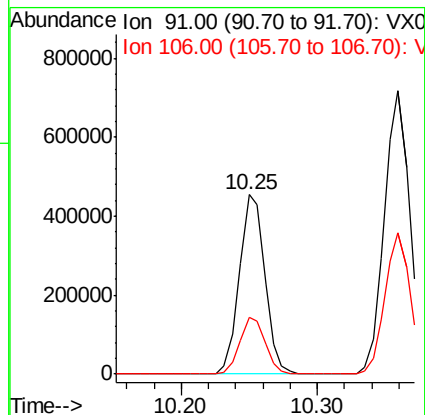
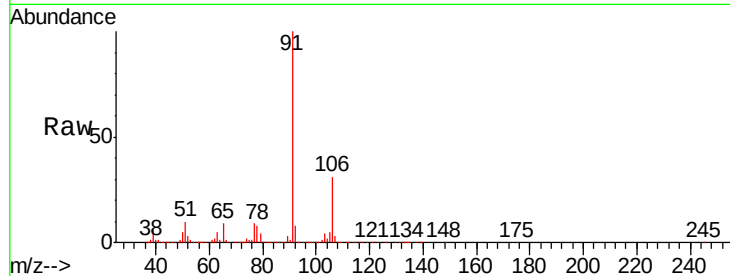
106 31.3 24.4 36.6

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#68

m/p-Xylenes

Concen: 104.77 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006207.D

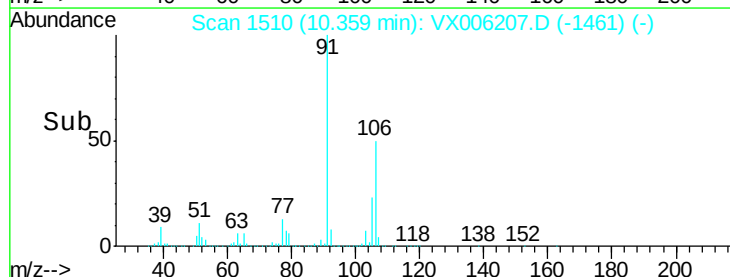
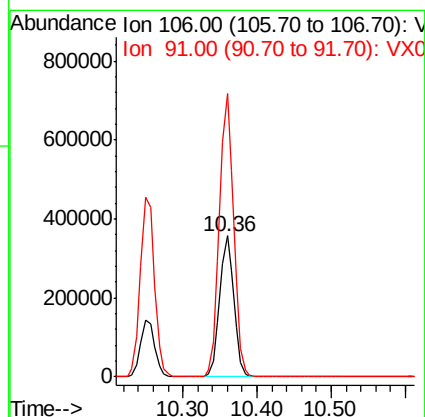
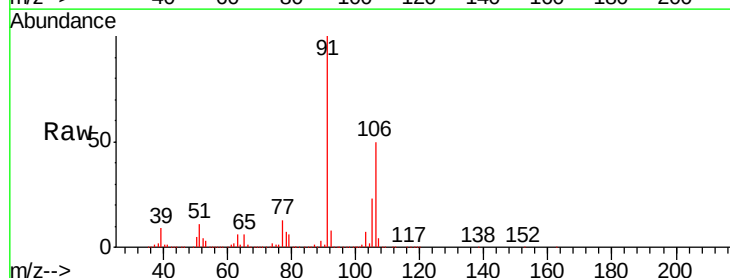
Acq: 27 Nov 2018 06:17

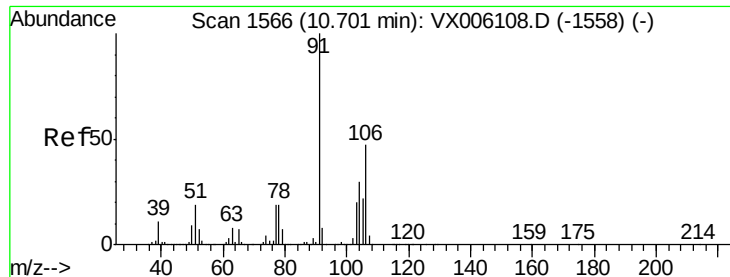
Tgt Ion: 106 Resp: 467821

Ion Ratio Lower Upper

106 100

91 201.6 162.0 243.0





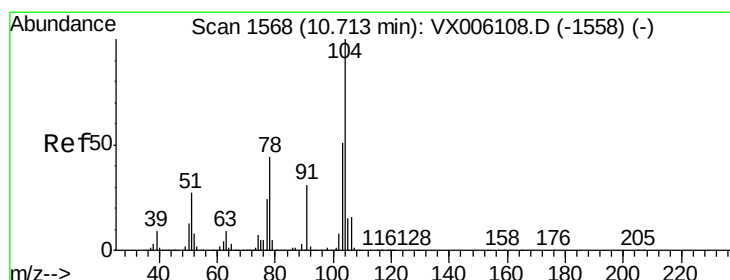
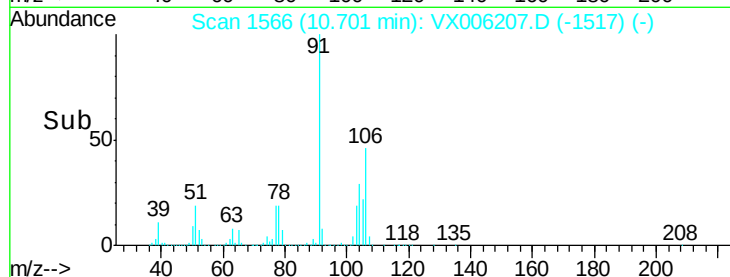
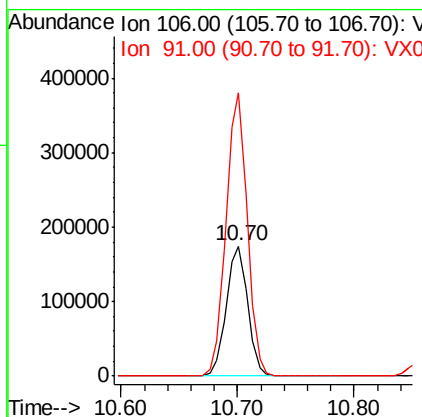
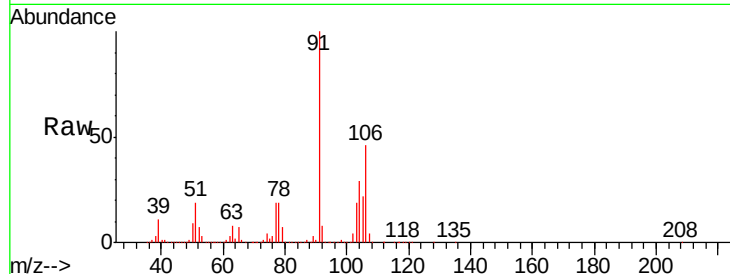
#69
o-Xylene
Concen: 51.95 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 221584
Ion Ratio Lower Upper
106 100
91 216.4 107.4 322.2

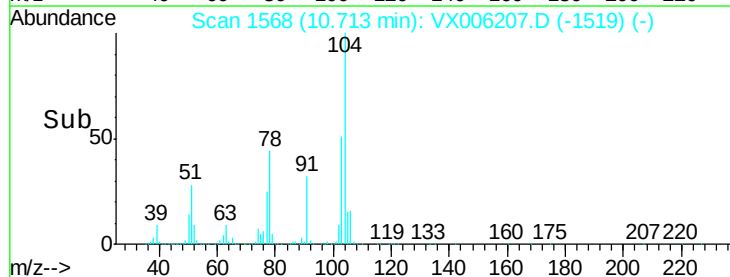
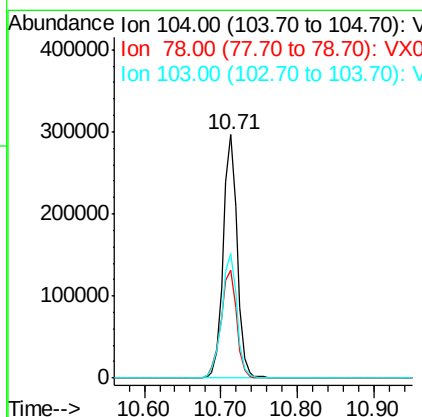
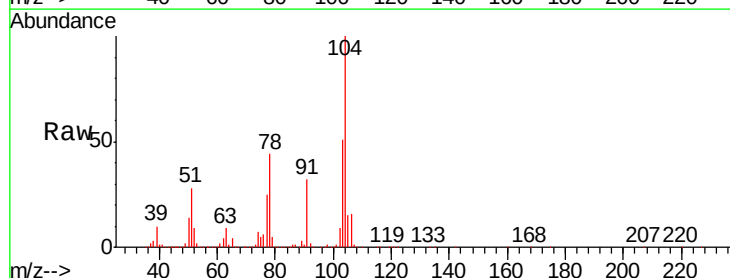
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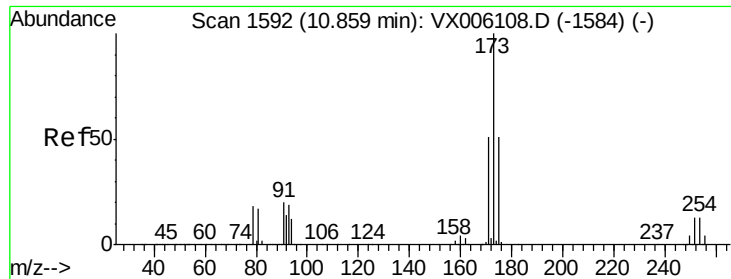
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#70
Styrene
Concen: 53.97 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion:104 Resp: 375338
Ion Ratio Lower Upper
104 100
78 50.2 39.4 59.2
103 55.7 44.6 67.0





#71

Bromoform

Concen: 52.68 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 113384

Ion Ratio Lower Upper

173 100

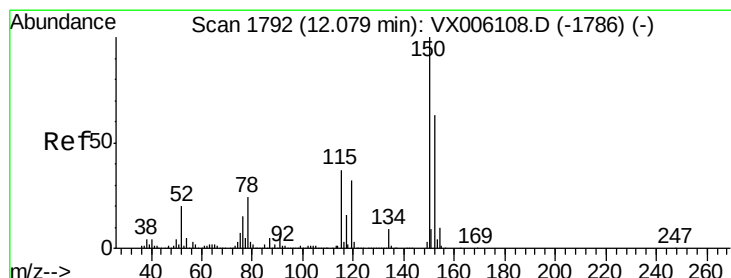
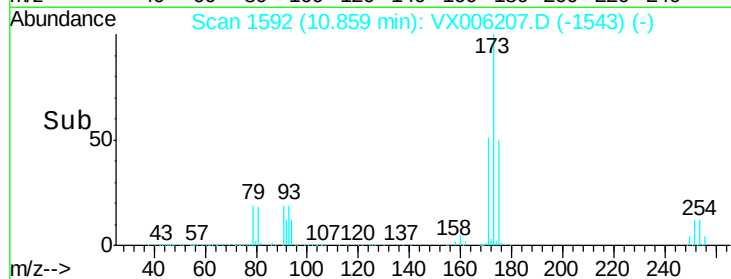
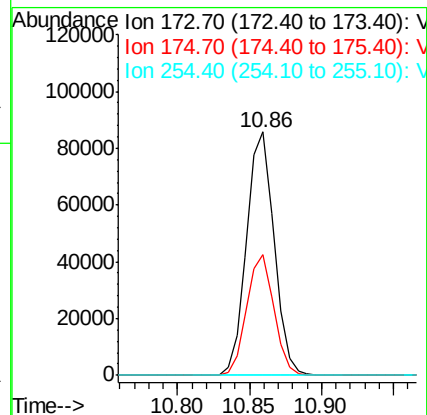
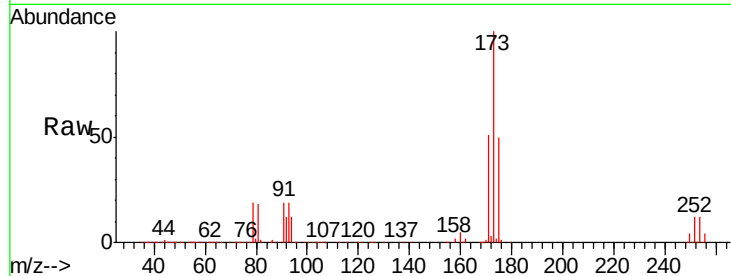
175 48.8 24.9 74.6

254 0.3 0.2 0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

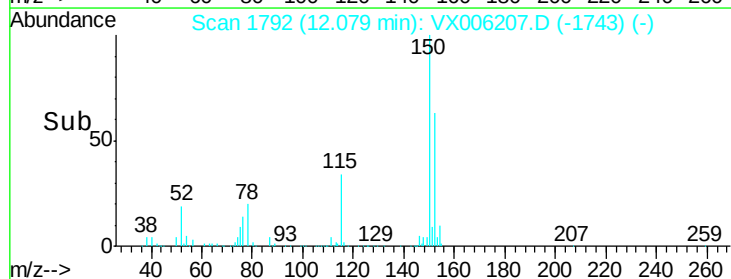
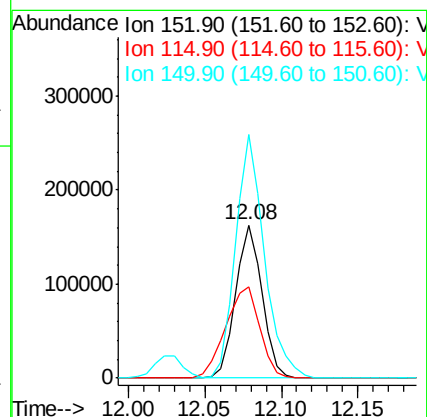
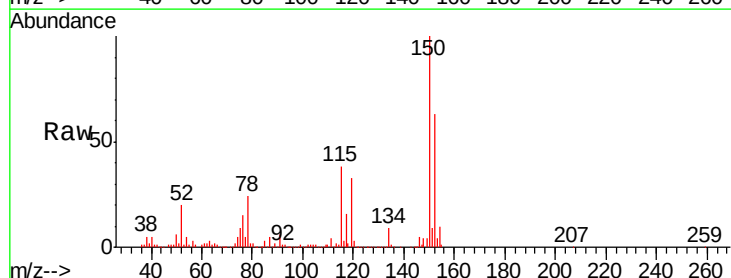
Tgt Ion:152 Resp: 194316

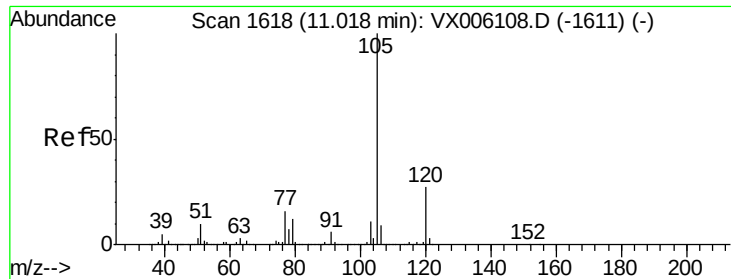
Ion Ratio Lower Upper

152 100

115 77.8 39.0 116.9

150 174.6 0.0 346.6





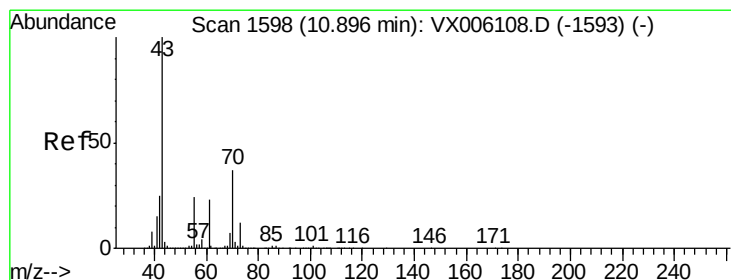
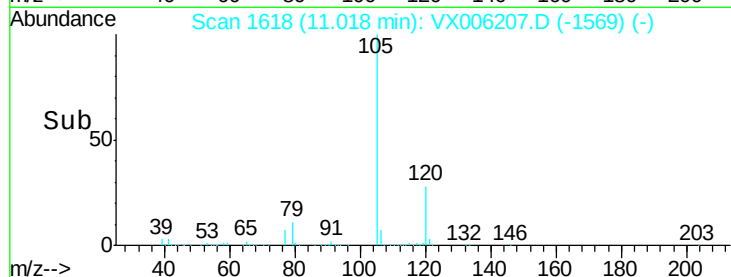
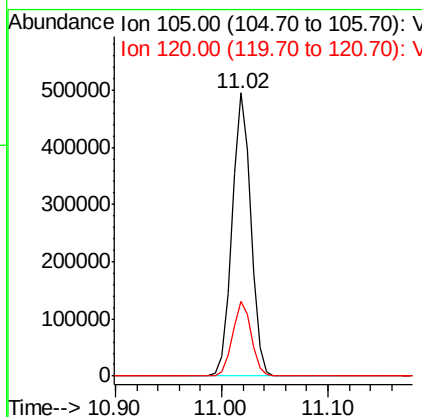
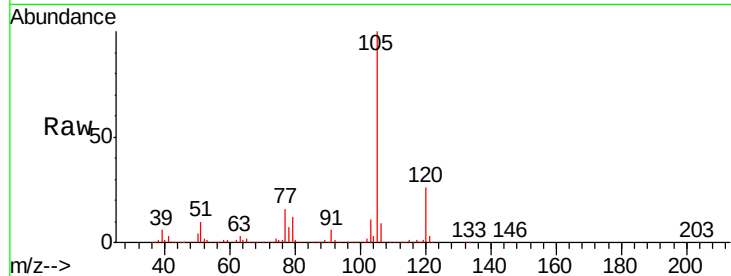
#73
Isopropylbenzene
Concen: 52.06 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 105 Resp: 612135
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.8

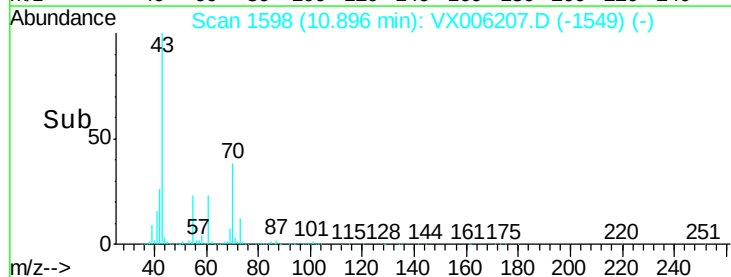
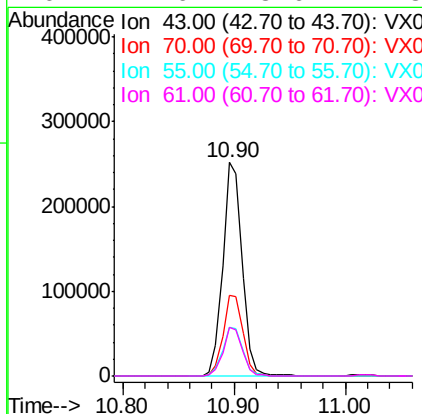
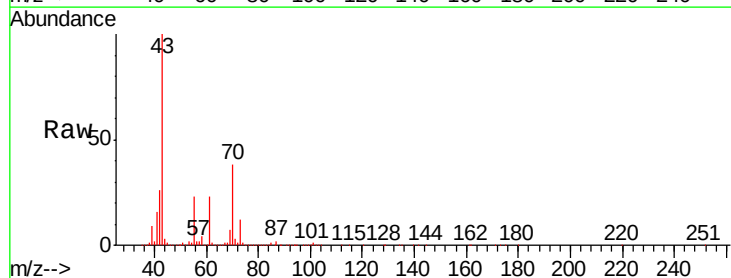
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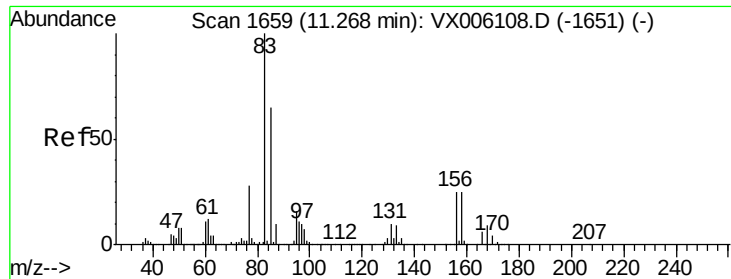
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#74
N-ethyl acetate
Concen: 50.36 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion: 43 Resp: 301883
Ion Ratio Lower Upper
43 100
70 39.0 31.8 47.6
55 23.6 19.5 29.3
61 22.6 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.26 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 218243

Ion Ratio Lower Upper

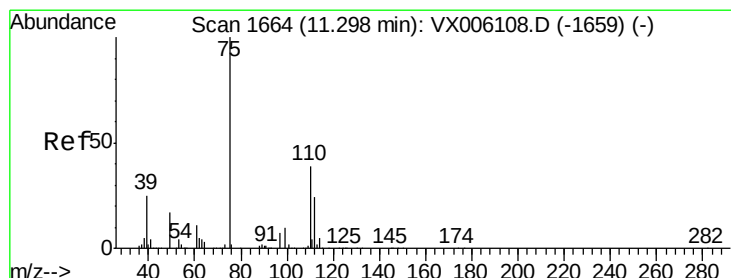
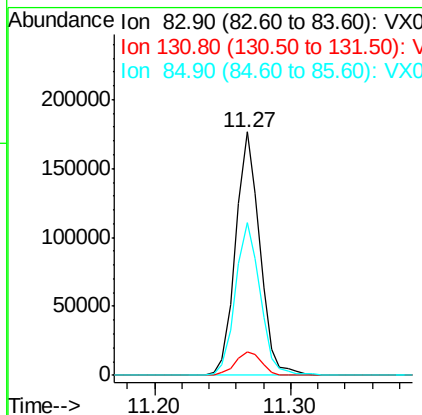
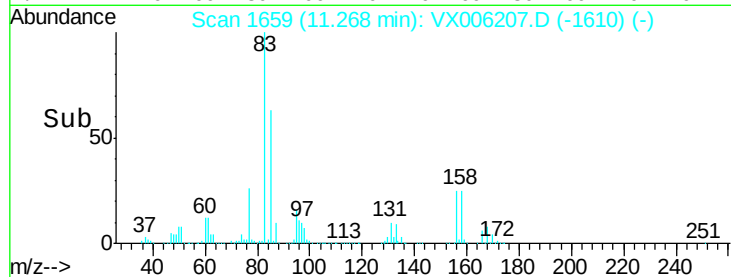
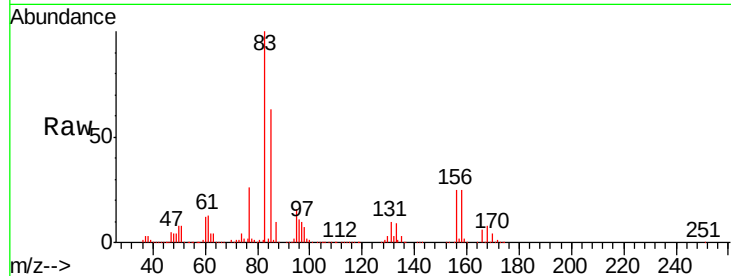
83 100

131 10.5 5.2 15.6

85 64.4 32.6 97.8

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#76

1,2,3-Trichloropropane

Concen: 51.02 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006207.D

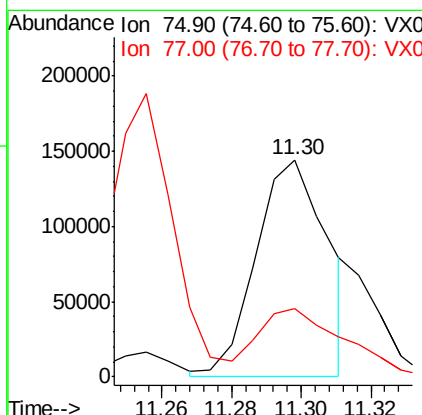
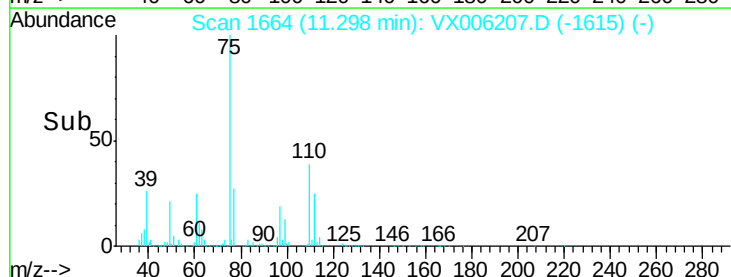
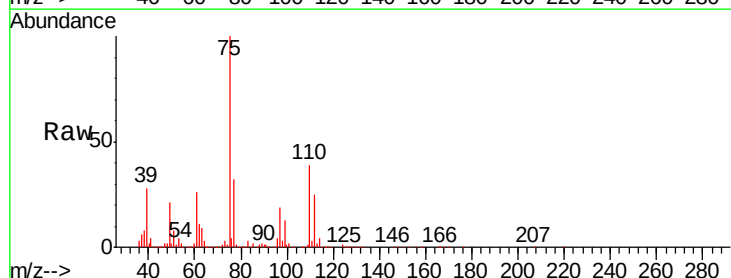
Acq: 27 Nov 2018 06:17

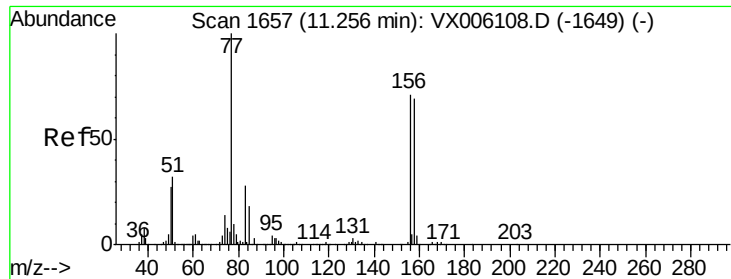
Tgt Ion: 75 Resp: 204101

Ion Ratio Lower Upper

75 100

77 38.1 19.6 58.7





#77

Bromobenzene

Concen: 49.31 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

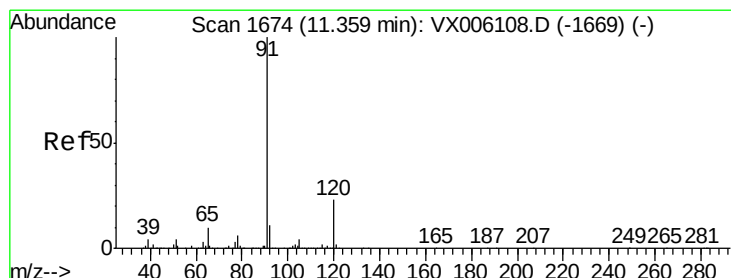
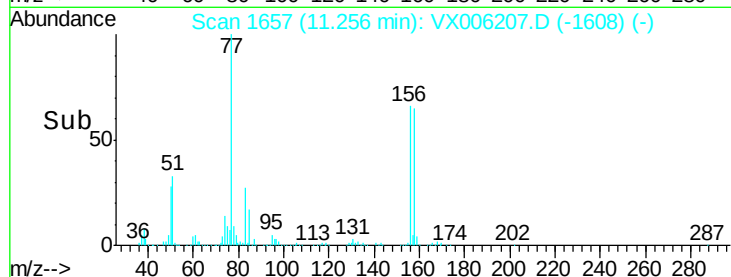
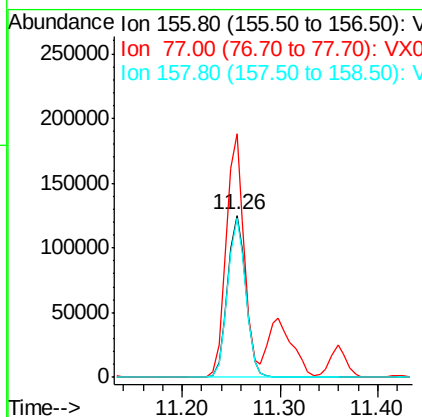
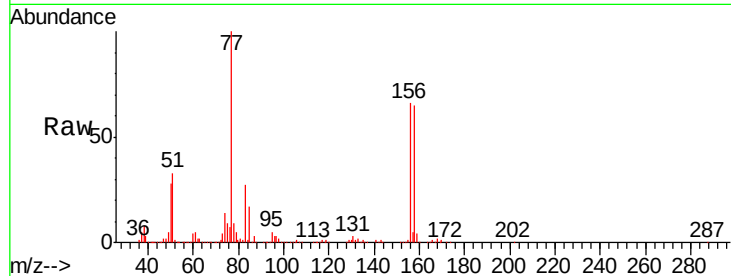
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
156	100		
77	147.7	74.3	222.8
158	97.5	49.0	147.0

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#78

n-propylbenzene

Concen: 51.71 ug/l

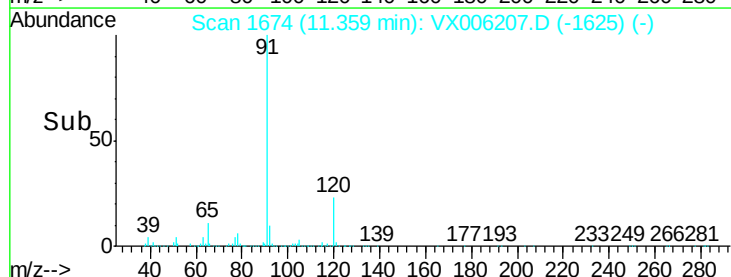
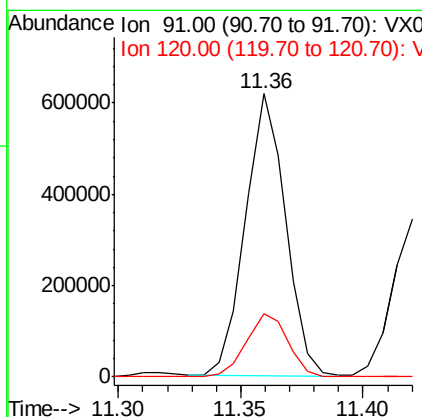
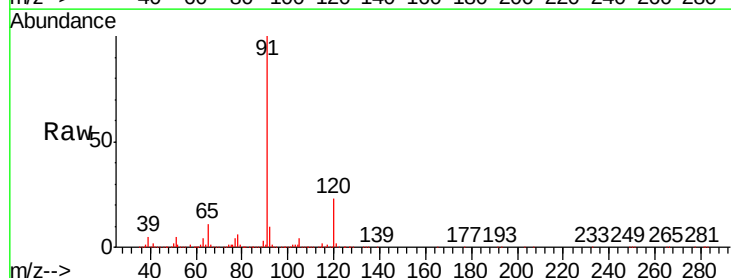
RT: 11.36 min Scan# 1674

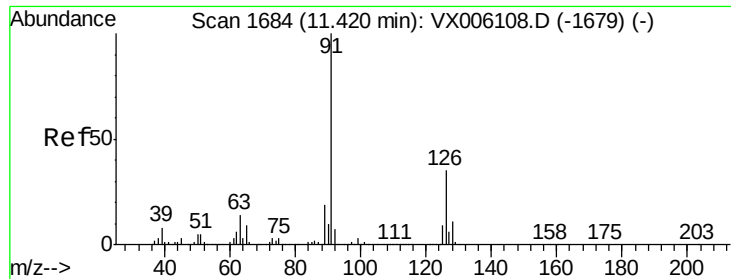
Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.8	35.3





#79

2-Chlorotoluene

Concen: 50.68 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 419776

Ion Ratio Lower Upper

91 100

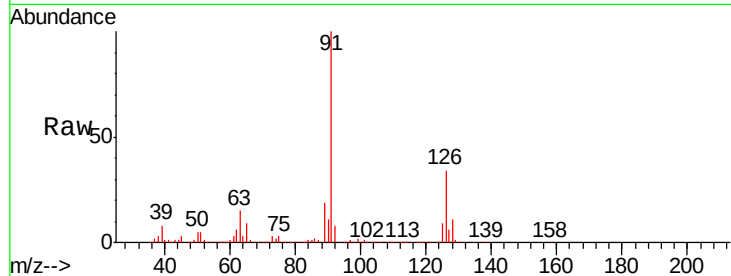
126 35.1 17.6 52.9

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX006108.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006108.D (-1679) (-)

600000

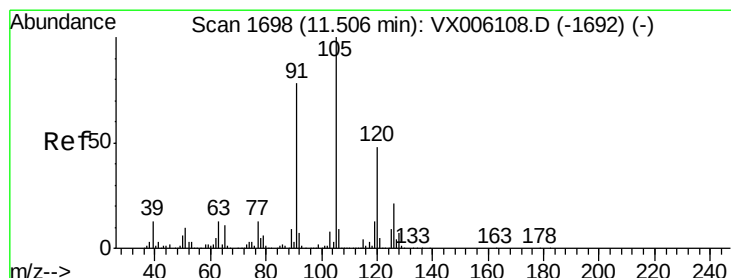
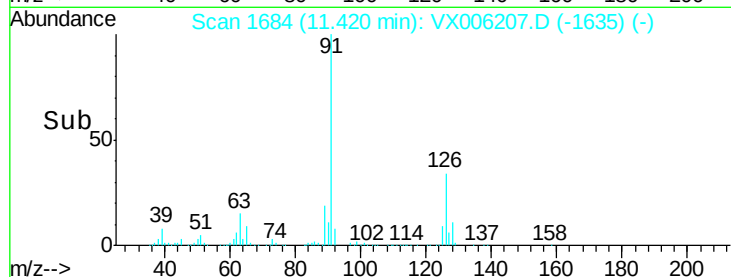
400000

200000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.24 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006207.D

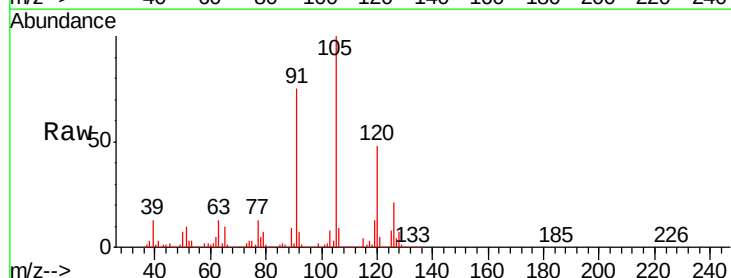
Acq: 27 Nov 2018 06:17

Tgt Ion: 105 Resp: 517811

Ion Ratio Lower Upper

105 100

120 48.3 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VX006108.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006108.D (-1692) (-)

500000

400000

300000

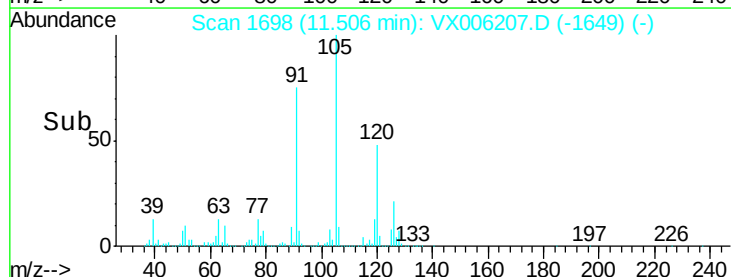
200000

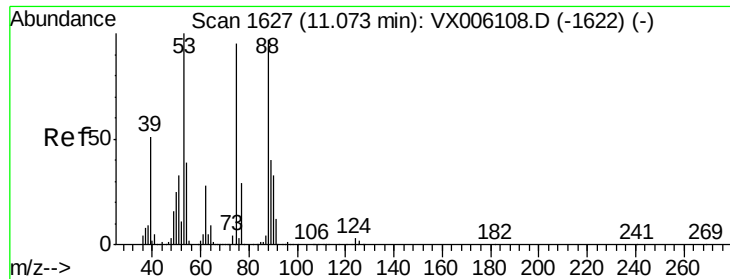
100000

0

11.40 11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 48.01 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

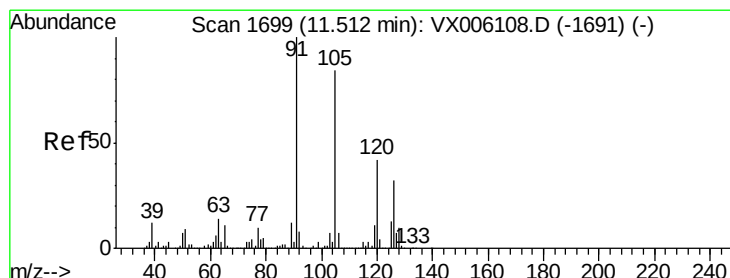
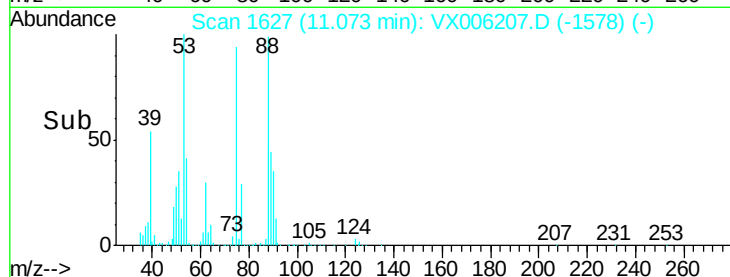
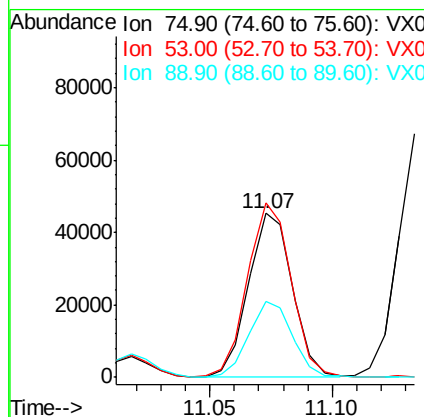
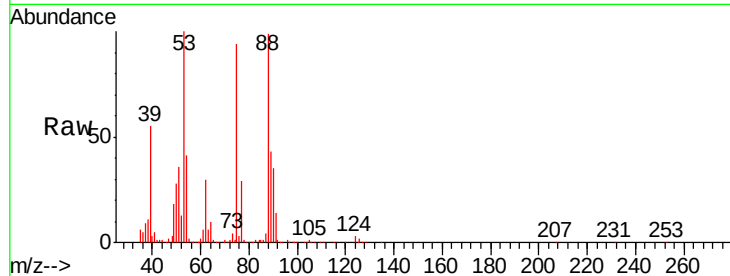
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	56786
Ion Ratio	Lower	Upper	
75	100		
53	104.6	85.3	127.9
89	45.7	37.2	55.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.42 ug/l

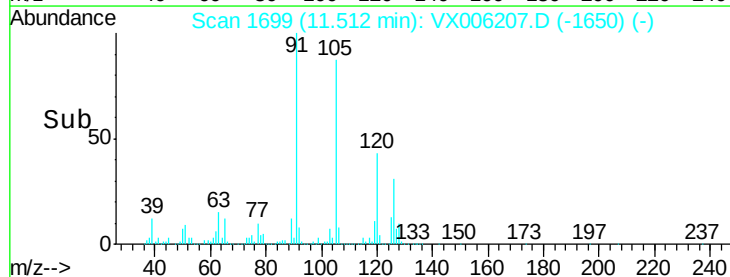
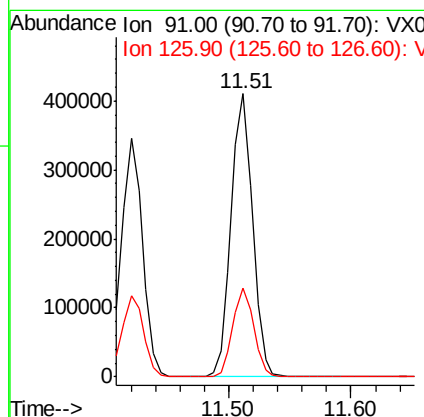
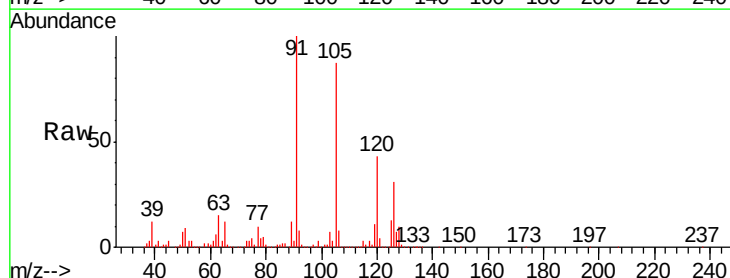
RT: 11.51 min Scan# 1699

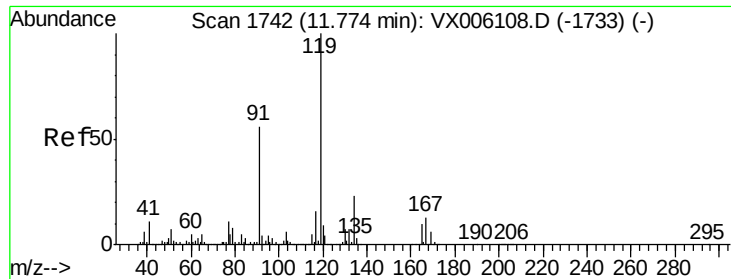
Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Tgt Ion:	91	Resp:	497104
Ion Ratio	Lower	Upper	
91	100		
126	30.7	15.3	45.9





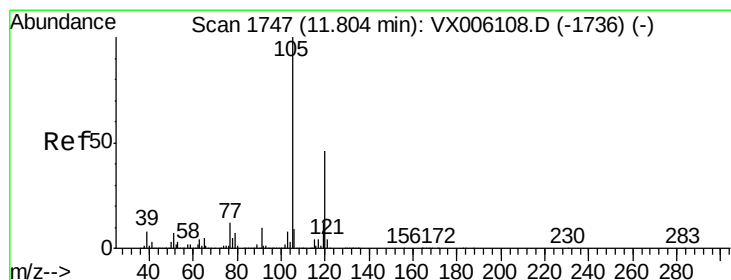
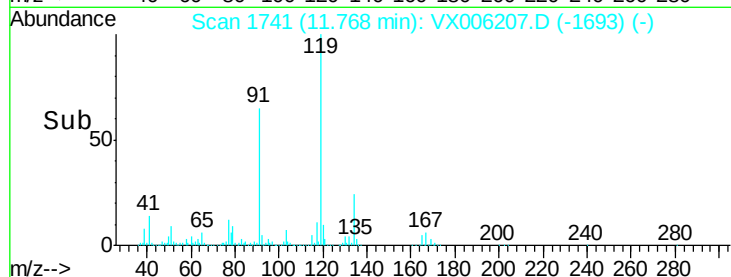
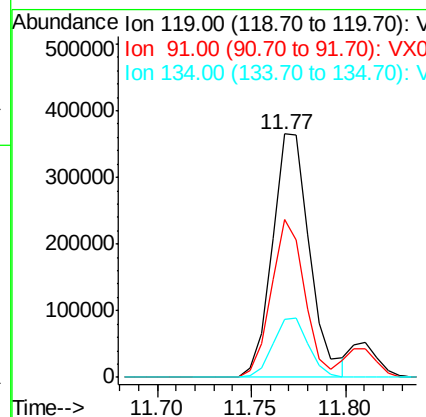
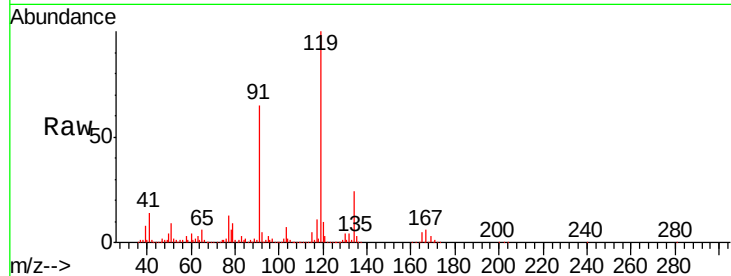
#83
 tert-Butylbenzene
 Concen: 51.90 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	502200		
91	57.7	28.2	84.6	
134	23.2	11.5	34.4	

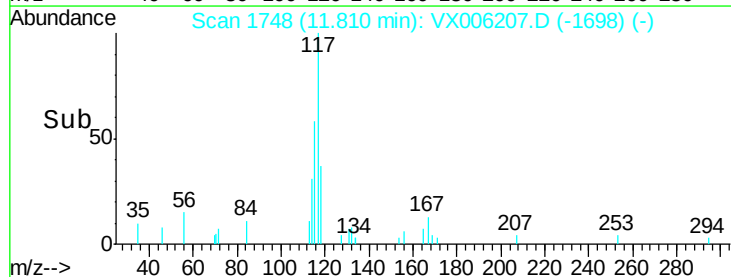
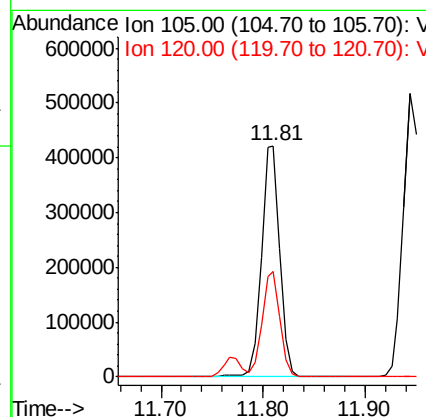
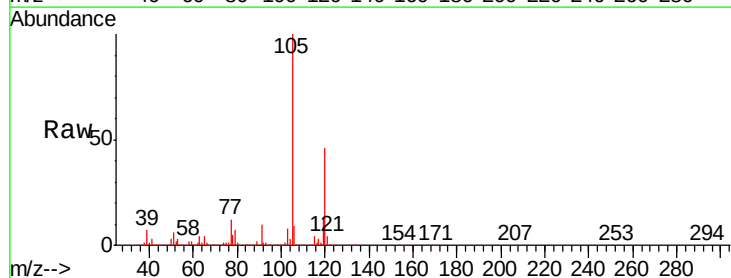
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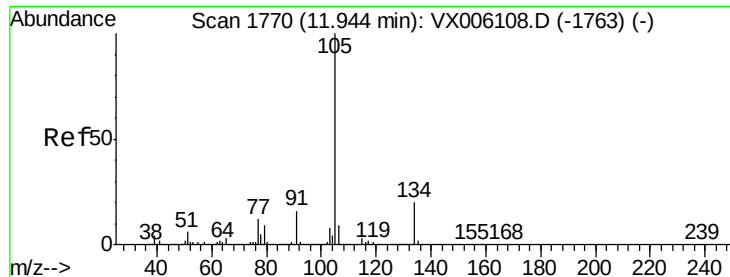
MMDadoda
 11/27/2018 11:44:03 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.86 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	534497		
120	44.4	22.7	68.0	





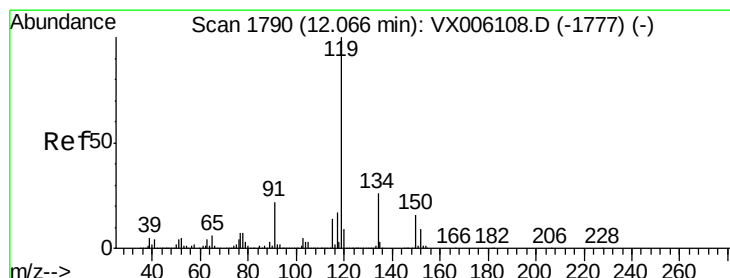
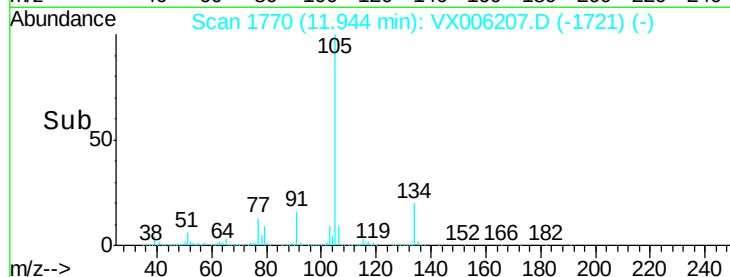
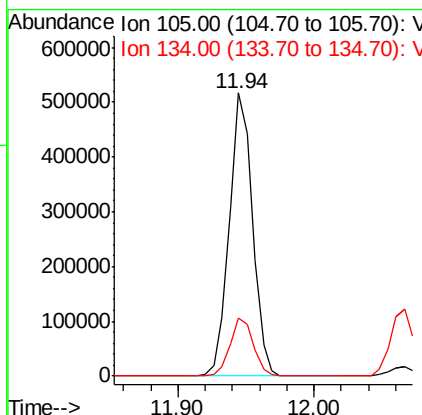
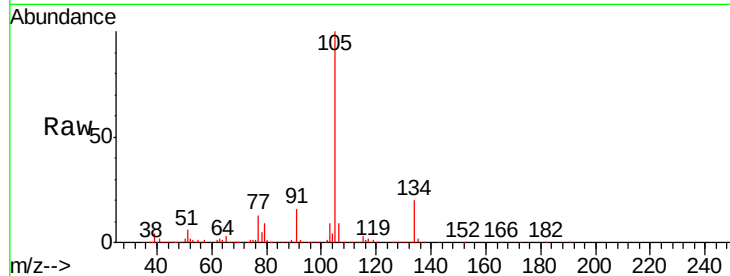
#85
 sec-Butylbenzene
 Concen: 51.78 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.4	31.1

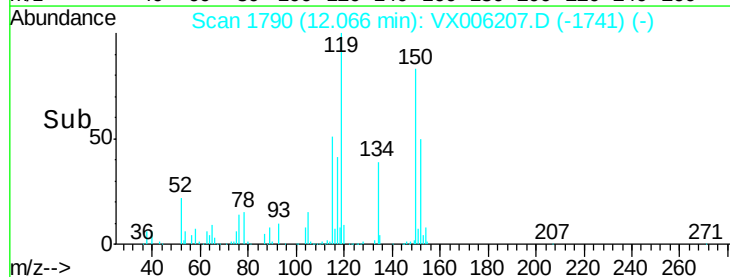
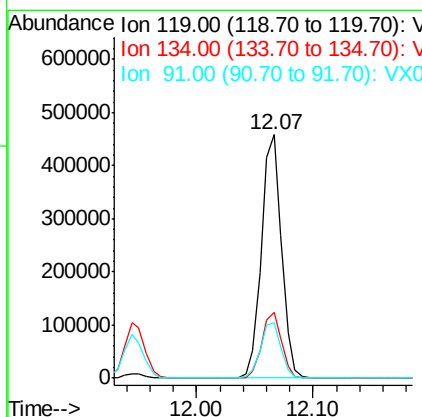
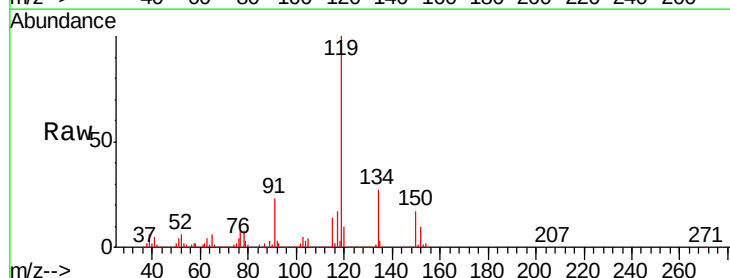
Manual Integrations
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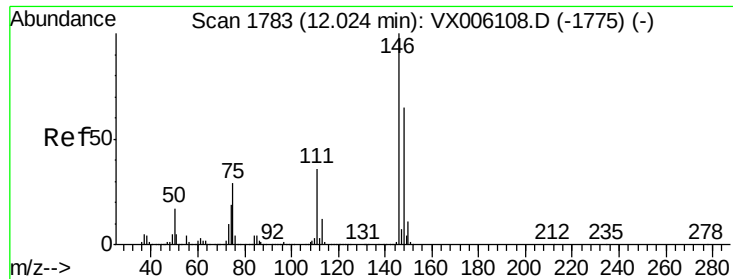
MMDadoda
 11/27/2018 11:44:03 AM



#86
 p-Isopropyltoluene
 Concen: 52.24 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.1	39.3
91	23.2	11.3	33.9





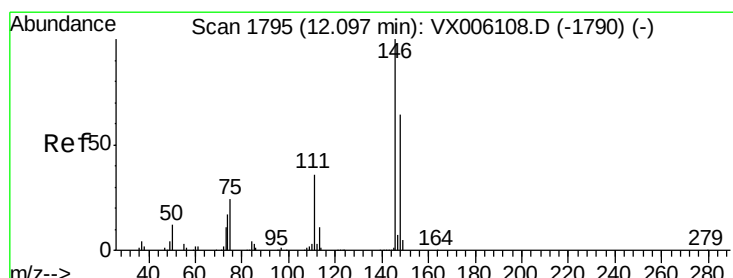
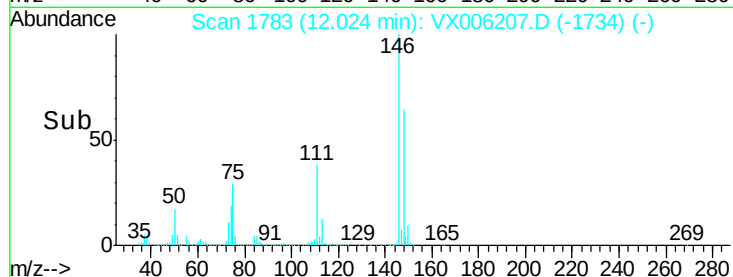
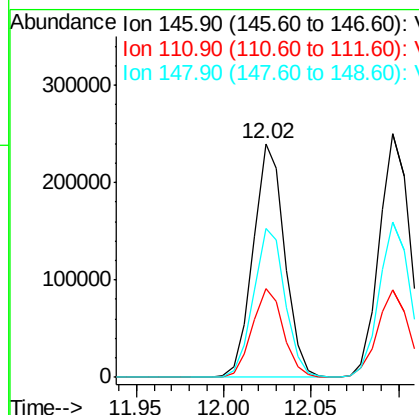
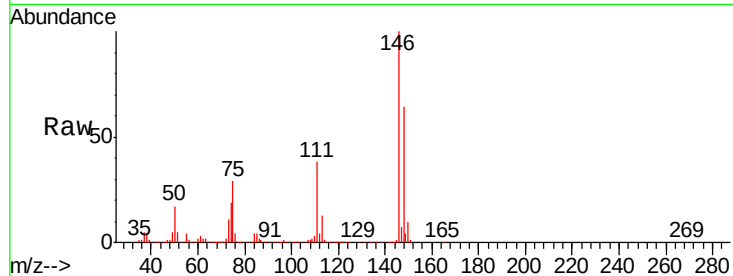
#87
 1,3-Dichlorobenzene
 Concen: 49.35 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	299683		
111	37.5	18.8	56.3	
148	64.1	32.2	96.6	

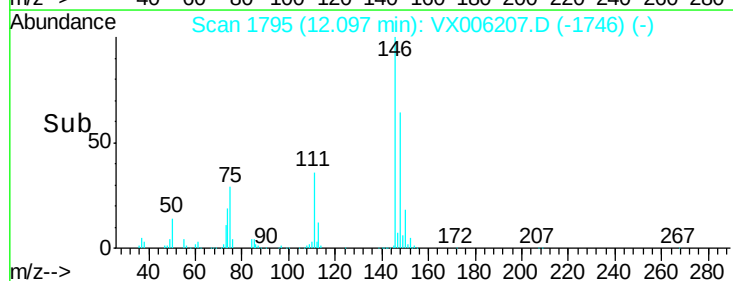
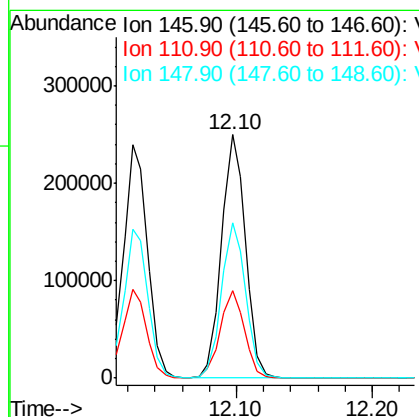
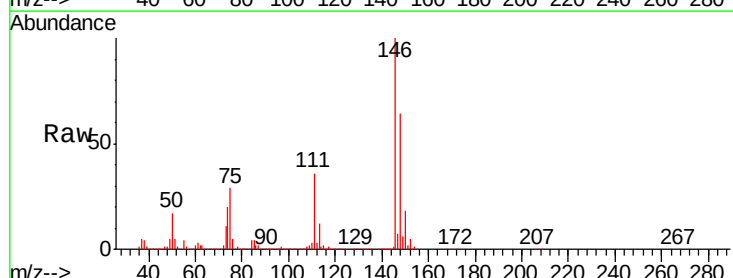
Manual Integrations
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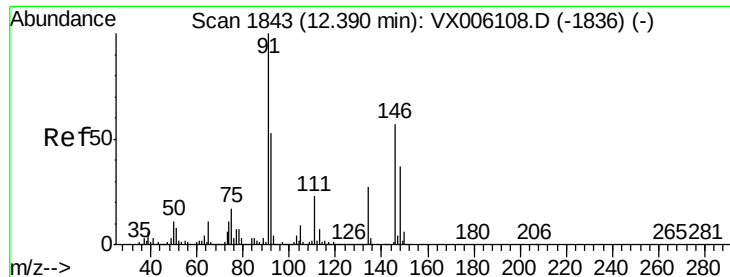
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#88
 1,4-Dichlorobenzene
 Concen: 48.47 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	305168		
111	36.8	18.3	54.9	
148	64.4	32.2	96.6	





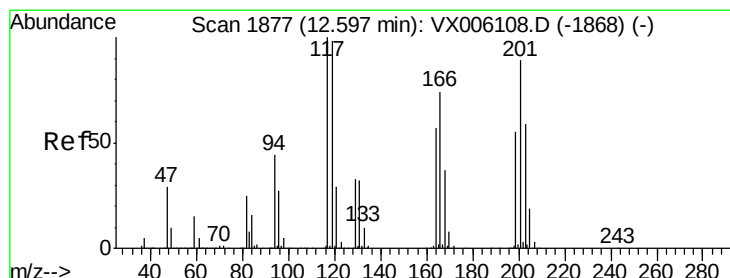
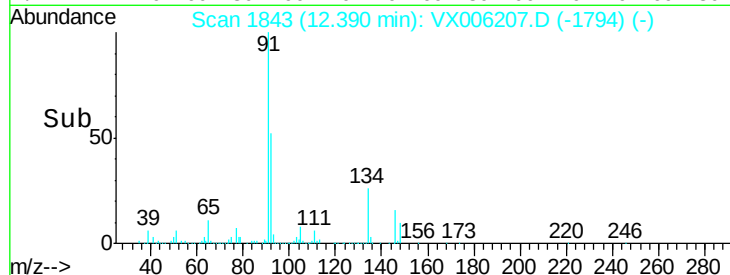
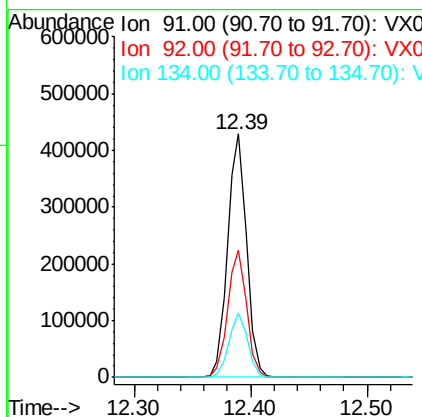
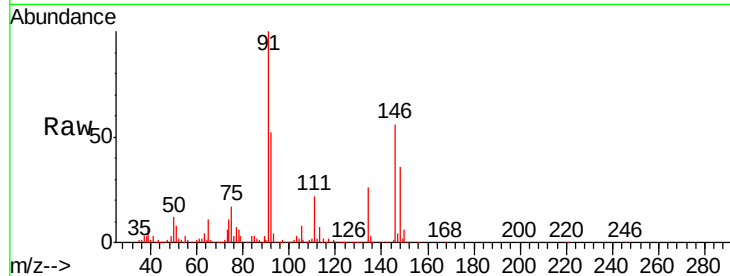
#89
n-Butylbenzene
Concen: 50.74 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.6	79.7
134	26.0	13.1	39.3

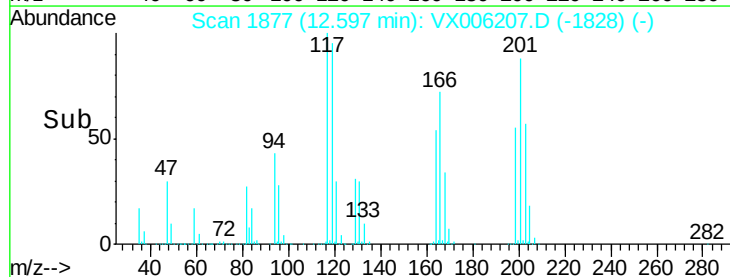
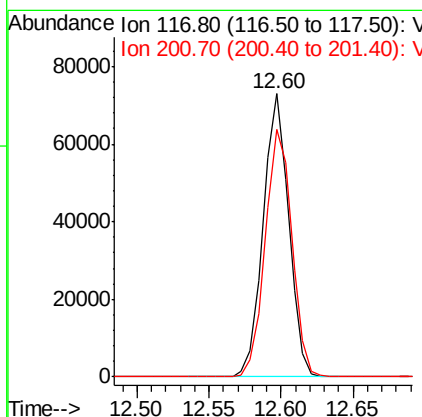
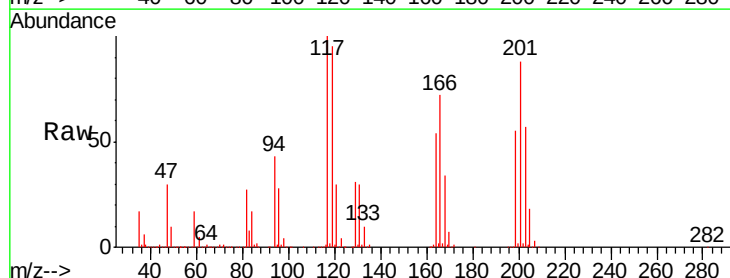
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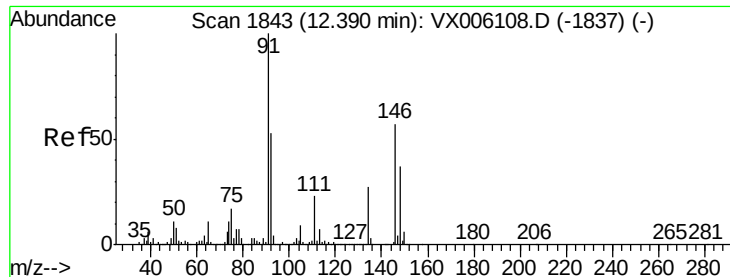
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#90
Hexachloroethane
Concen: 52.98 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.2	46.1	138.2





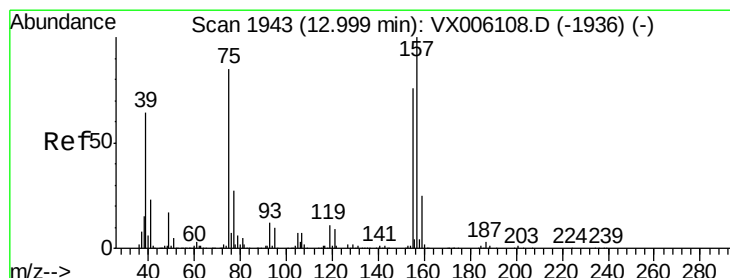
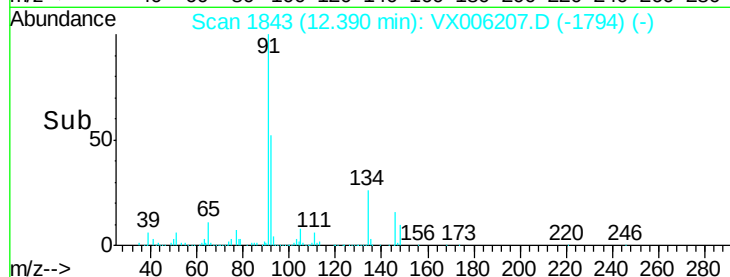
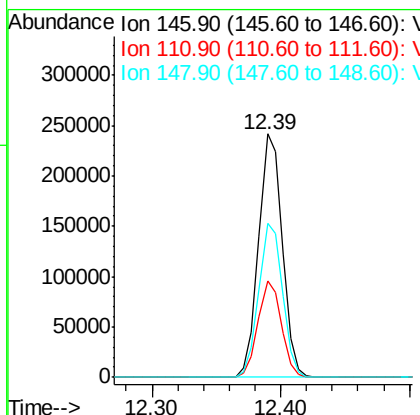
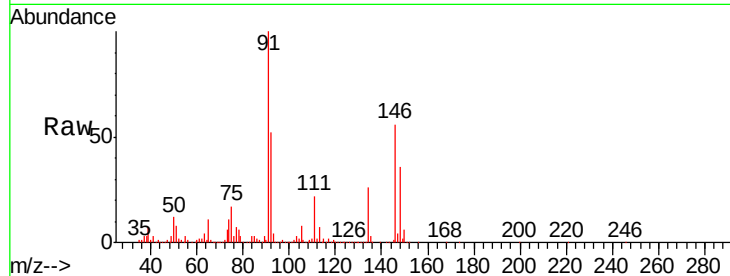
#91
 1,2-Dichlorobenzene
 Concen: 49.19 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.8
148	63.9	32.0	96.0

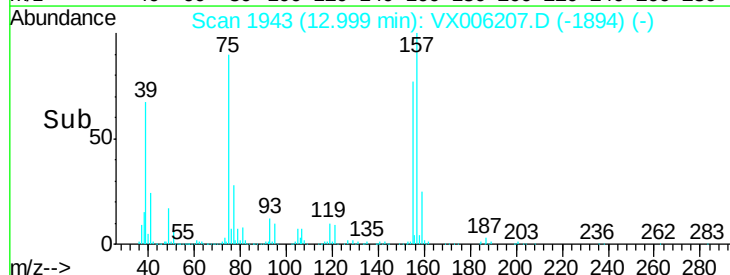
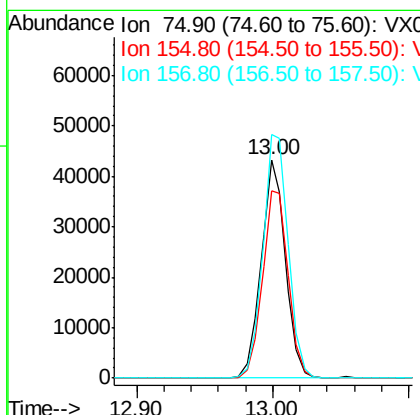
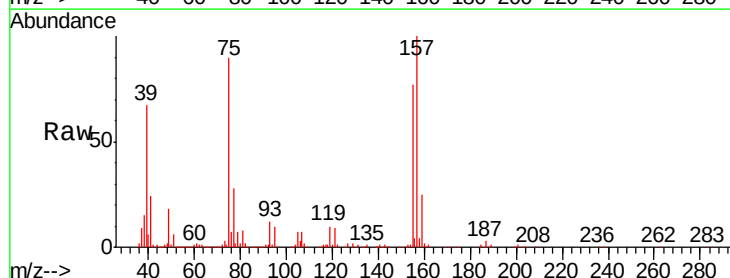
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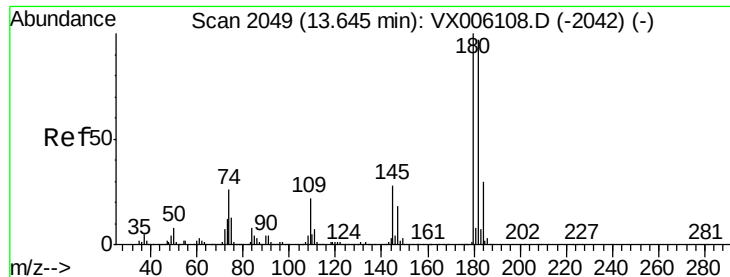
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 11/27/2018 11:44:03 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.86 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.3	46.1	138.3
157	116.1	59.8	179.3





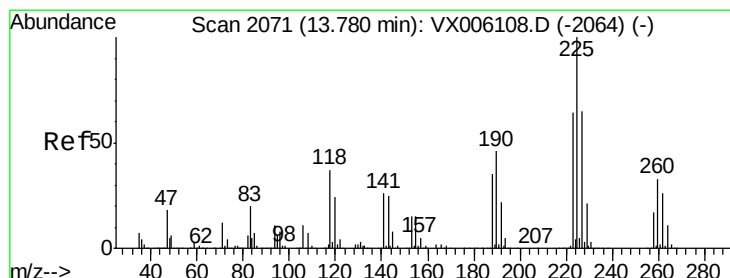
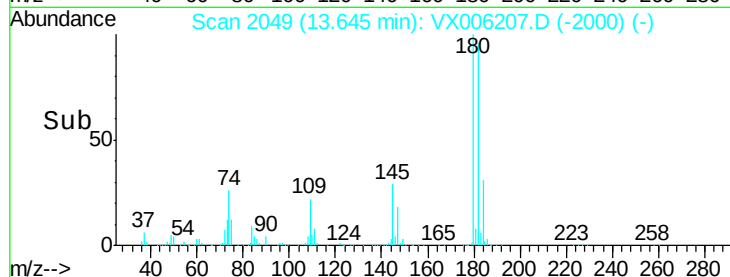
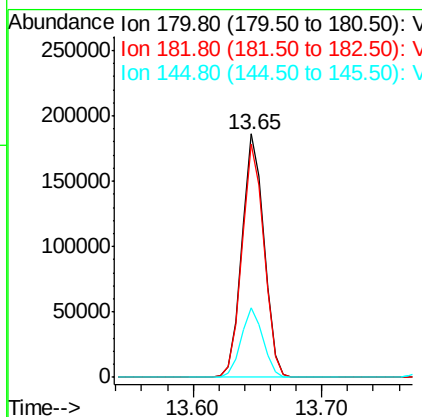
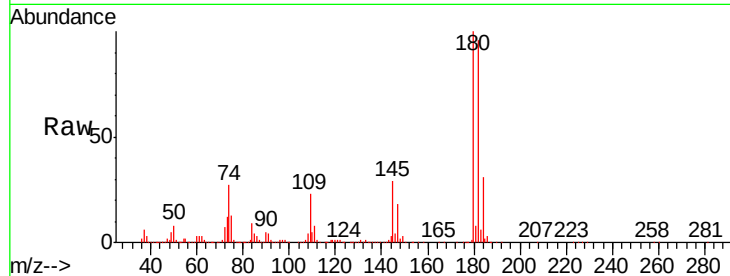
#93
 1,2,4-Trichlorobenzene
 Concen: 50.16 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	219368		
182	95.9	48.2	144.6	
145	28.1	14.1	42.2	

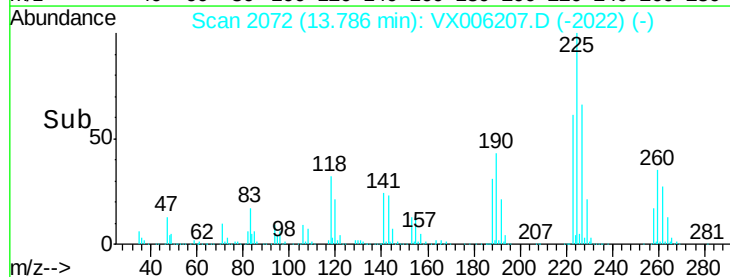
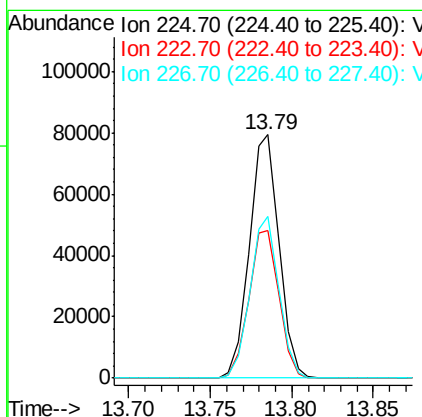
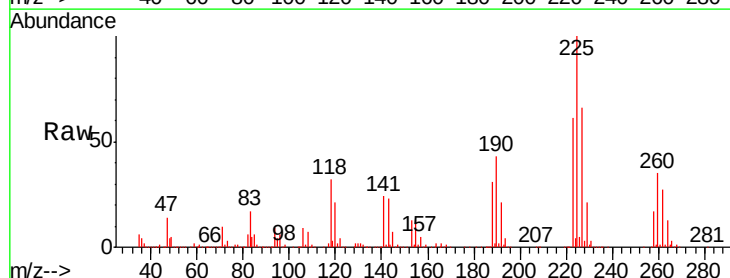
Manual Integrations
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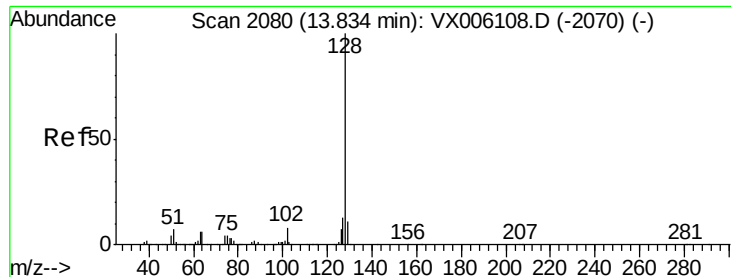
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 11/27/2018 11:44:03 AM



#94
 Hexachlorobutadiene
 Concen: 47.20 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	100604		
223	61.8	31.2	93.6	
227	64.3	32.4	97.2	





#95

Naphthalene

Concen: 54.46 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

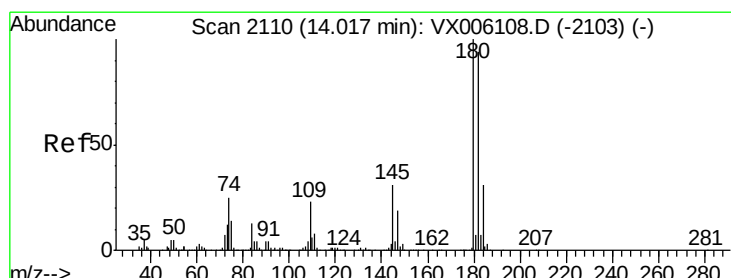
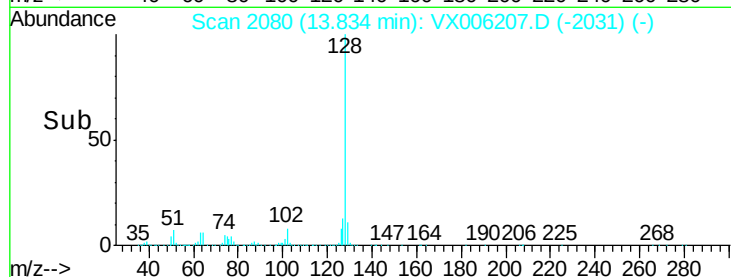
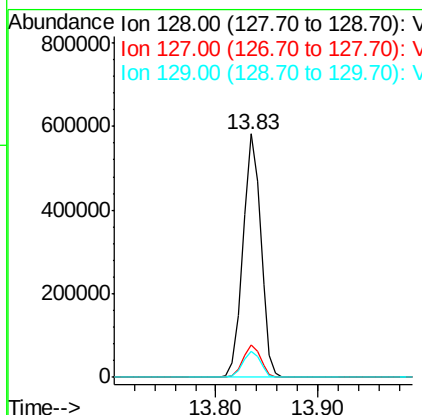
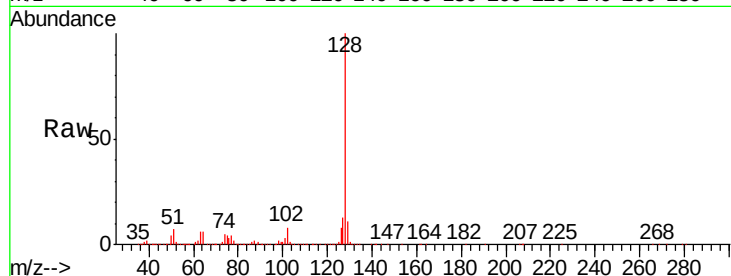
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	128	Resp:	700465
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	15.8
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:44:03 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.61 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.01 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Tgt Ion:	180	Resp:	225671
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.5	142.5
145	30.3	15.0	45.0

