

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050820\
 Data File : VX016113.D
 Acq On : 08 May 2020 12:00
 Operator : JC/SP
 Sample : VX0508WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 09 01:46:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	315006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	492278	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	451555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222478	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	188272	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	
35) Dibromofluoromethane	5.46	113	144604	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
50) Toluene-d8	8.70	98	576742	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.12	95	216130	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	62684	18.800	ug/l	98
3) Chloromethane	1.31	50	68962	17.810	ug/l	99
4) Vinyl Chloride	1.39	62	71903	17.405	ug/l	99
5) Bromomethane	1.63	94	47373	22.746	ug/l	95
6) Chloroethane	1.71	64	44574	17.733	ug/l	99
7) Trichlorofluoromethane	1.92	101	95899	17.682	ug/l	97
8) Diethyl Ether	2.17	74	38796	16.977	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	57658	18.426	ug/l	99
10) Methyl Iodide	2.49	142	68865	16.384	ug/l	100
11) Tert butyl alcohol	3.01	59	88705	84.626	ug/l	99
12) 1,1-Dichloroethene	2.36	96	57148	17.452	ug/l	93
13) Acrolein	2.27	56	45982	70.102	ug/l	98
14) Allyl chloride	2.70	41	105091	17.504	ug/l	99
15) Acrylonitrile	3.11	53	188684	86.771	ug/l	99
16) Acetone	2.42	43	158271	85.574	ug/l	100
17) Carbon Disulfide	2.55	76	173748	17.535	ug/l	98
18) Methyl Acetate	2.75	43	81611	17.946	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	206394	18.284	ug/l	100
20) Methylene Chloride	2.83	84	66500	17.441	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	63515	17.406	ug/l	94
22) Diisopropyl ether	3.82	45	205397	18.134	ug/l	92
23) Vinyl Acetate	3.78	43	894167	89.729	ug/l	99
24) 1,1-Dichloroethane	3.67	63	115257	18.190	ug/l	99
25) 2-Butanone	4.64	43	258987	86.898	ug/l	97
26) 2,2-Dichloropropane	4.55	77	105055	18.155	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	73710	18.477	ug/l	97
28) Bromochloromethane	4.98	49	50071	17.330	ug/l	98
29) Tetrahydrofuran	5.09	42	170777	86.479	ug/l	100
30) Chloroform	5.18	83	115297	18.276	ug/l	95
31) Cyclohexane	5.54	56	105308	18.288	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	105084	18.325	ug/l	100
36) 1,1-Dichloropropene	5.77	75	88621	18.288	ug/l	99
37) Ethyl Acetate	4.79	43	98862	17.602	ug/l	99
38) Carbon Tetrachloride	5.75	117	91611	18.600	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	108049	18.515	ug/l	99
40) Benzene	6.11	78	263603	18.592	ug/l	99
41) Methacrylonitrile	5.00	41	54805	18.069	ug/l	99
42) 1,2-Dichloroethane	6.16	62	94183	18.440	ug/l	99
43) Isopropyl Acetate	6.41	43	160026	17.858	ug/l	99
44) Trichloroethene	7.19	130	93785	18.619	ug/l	94
45) 1,2-Dichloropropane	7.49	63	68257	19.026	ug/l	100
46) Dibromomethane	7.64	93	44633	18.307	ug/l	99
47) Bromodichloromethane	7.87	83	91946	18.517	ug/l	99
48) Methyl methacrylate	7.74	41	74184	17.471	ug/l	98
49) 1,4-Dioxane	7.71	88	36567	359.068	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	497982	90.811	ug/l	99
52) Toluene	8.76	92	166319	18.819	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	108464	18.320	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	113709	18.388	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	64864	18.655	ug/l	99
56) Ethyl methacrylate	9.16	69	103196	18.182	ug/l	99
57) 1,3-Dichloropropane	9.35	76	112729	18.580	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	265751	87.951	ug/l	99
59) 2-Hexanone	9.47	43	383841	89.131	ug/l	100
60) Dibromochloromethane	9.57	129	70383	18.379	ug/l	99
61) 1,2-Dibromoethane	9.65	107	69680	18.501	ug/l	100
64) Tetrachloroethene	9.32	164	105127	18.964	ug/l	98
65) Chlorobenzene	10.12	112	174873	18.495	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	64991	18.597	ug/l	99
67) Ethyl Benzene	10.24	91	316222	18.744	ug/l	99
68) m/p-Xylenes	10.34	106	239506	37.893	ug/l	99
69) o-Xylene	10.68	106	113212	18.634	ug/l	98
70) Styrene	10.70	104	190732	18.504	ug/l	100
71) Bromoform	10.84	173	51693	18.156	ug/l	100
73) Isopropylbenzene	11.00	105	307278	18.989	ug/l	98
74) N-amyl acetate	10.88	43	133977	17.750	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	49976	18.102	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	123959	24.553	ug/l	83
77) Bromobenzene	11.24	156	75560	18.091	ug/l	98
78) n-propylbenzene	11.34	91	352679	18.735	ug/l	99
79) 2-Chlorotoluene	11.40	91	208613	18.774	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	257416	18.841	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	38429	18.140	ug/l	99
82) 4-Chlorotoluene	11.49	91	244956	18.668	ug/l	100
83) tert-Butylbenzene	11.76	119	219333	18.628	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	260732	18.876	ug/l	99
85) sec-Butylbenzene	11.93	105	298968	18.806	ug/l	99
86) p-Isopropyltoluene	12.05	119	278079	18.840	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	137327	18.311	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	137031	18.002	ug/l	98
89) n-Butylbenzene	12.37	91	245246	18.188	ug/l	100
90) Hexachloroethane	12.58	117	46698	18.422	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	134529	18.629	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22304	16.763	ug/l	99

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Response via : Initial Calibration

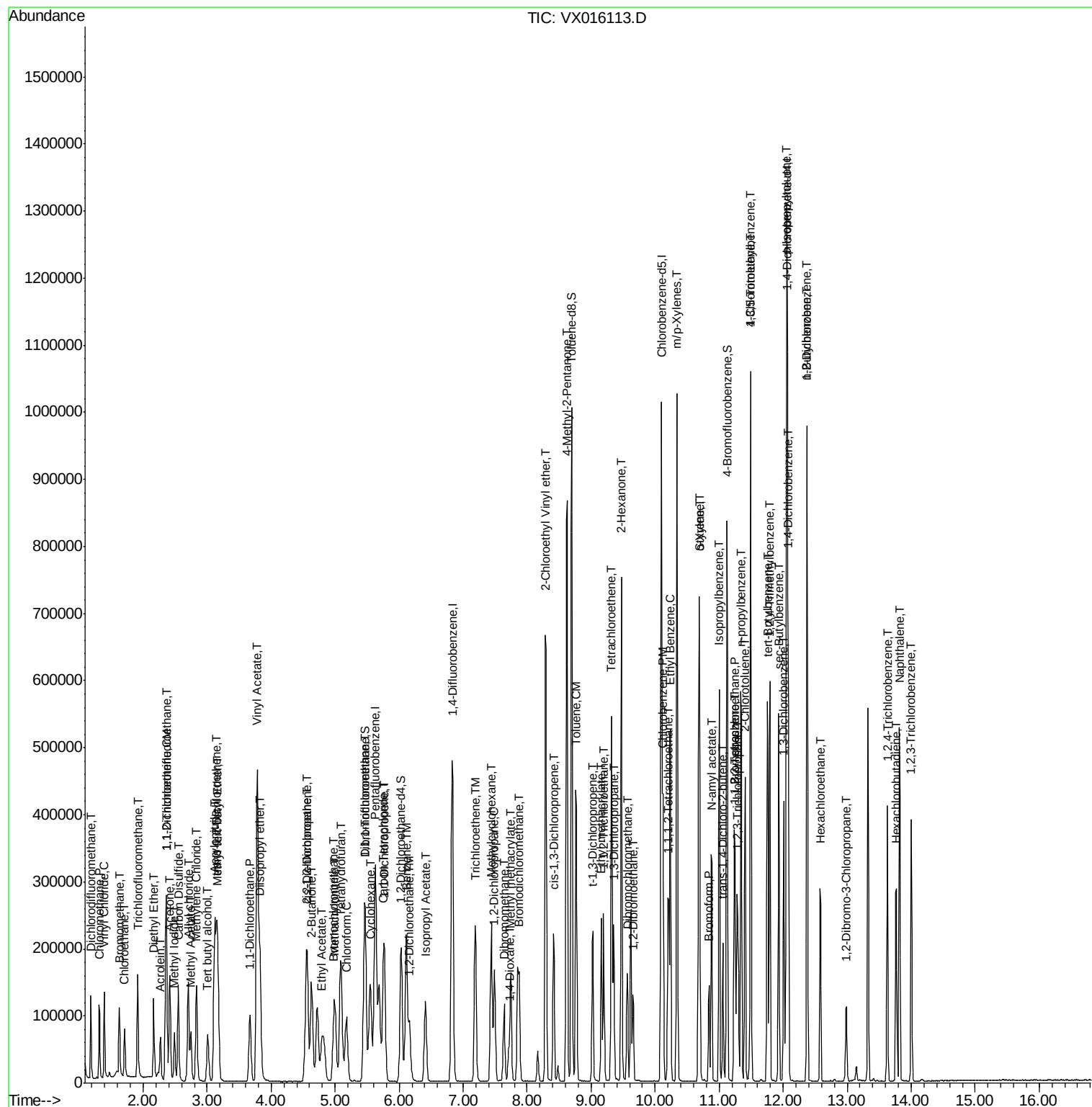
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	97390	18.216	ug/l	96
94) Hexachlorobutadiene	13.77	225	44360	19.591	ug/l	97
95) Naphthalene	13.82	128	311843	18.014	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	95038	18.189	ug/l	99

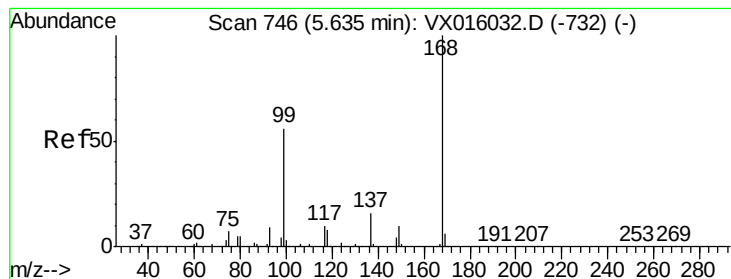
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

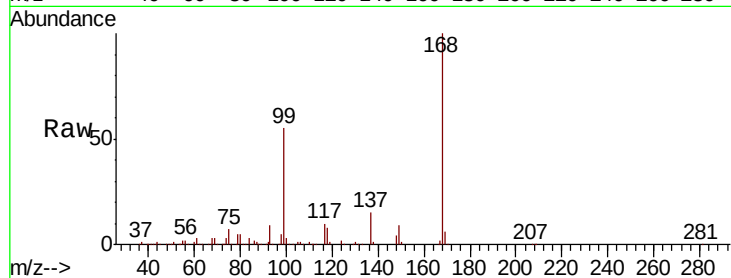
ClientSampleId :

Tot Ion:168 Resp: 315006

Ion Ratio Lower Upper

168 100

99 55.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

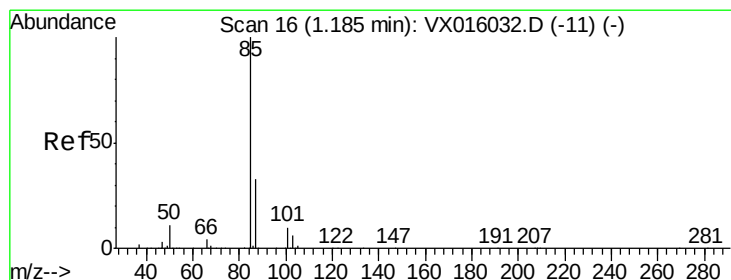
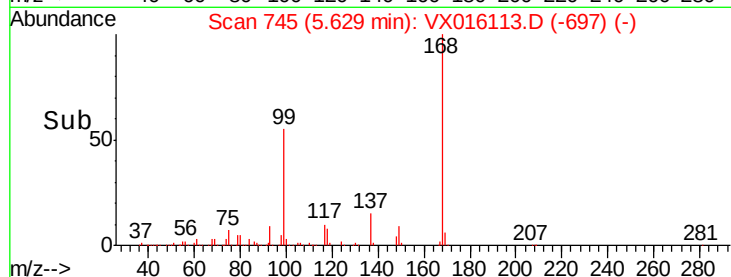
5.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.800 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016113.D

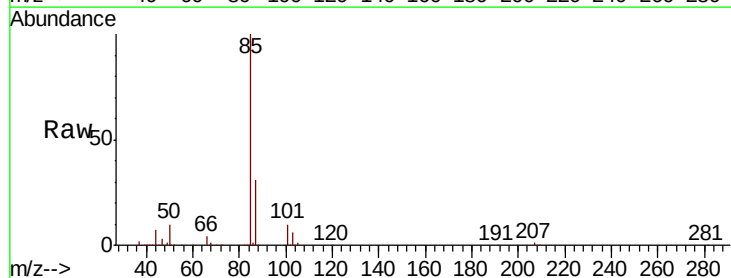
Acq: 08 May 2020 12:00

Tgt Ion: 85 Resp: 62684

Ion Ratio Lower Upper

85 100

87 31.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

80000

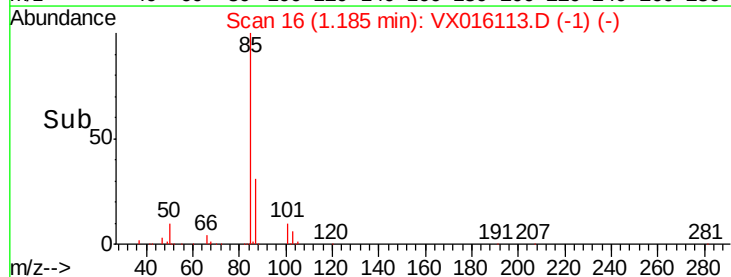
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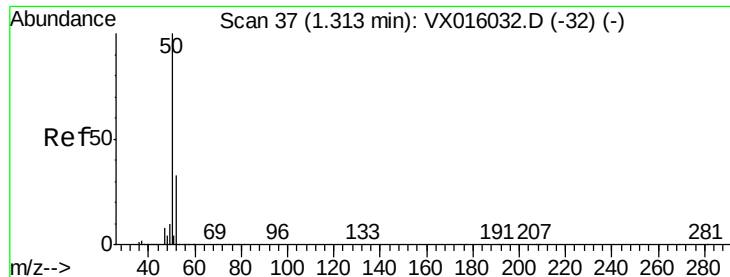
40000

20000

0

Time-->





#3

Chloromethane

Concen: 17.810 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

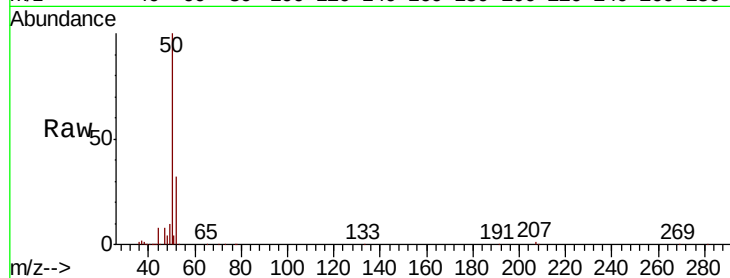
ClientSampleId :

Tot Ion: 50 Resp: 68962

Ion Ratio Lower Upper

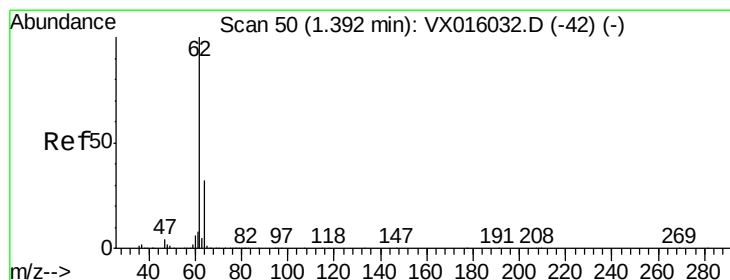
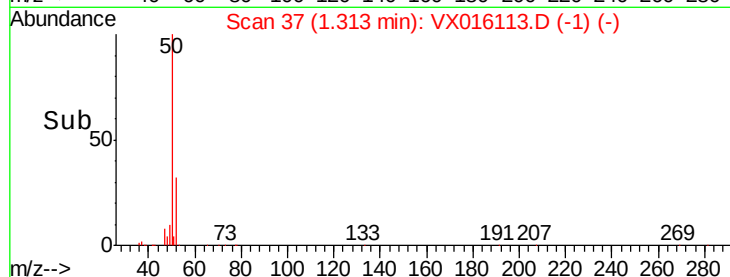
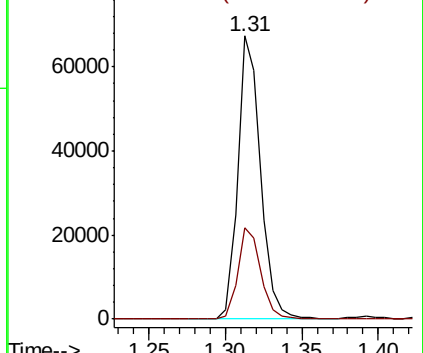
50 100

52 32.2 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.405 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016113.D

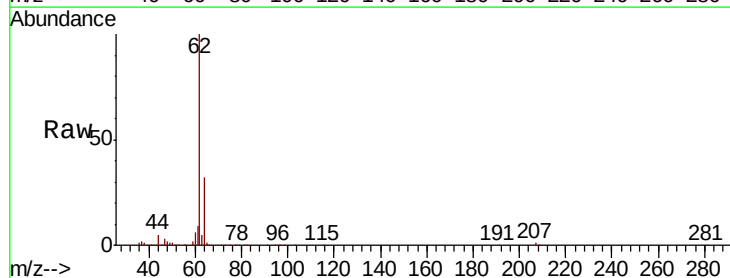
Acq: 08 May 2020 12:00

Tgt Ion: 62 Resp: 71903

Ion Ratio Lower Upper

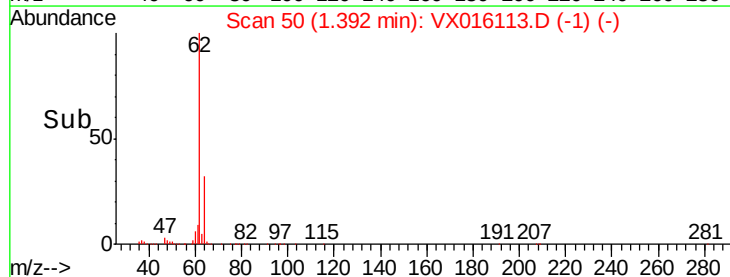
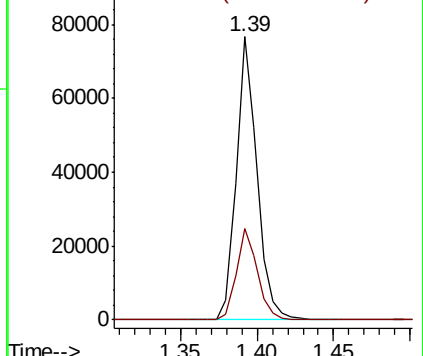
62 100

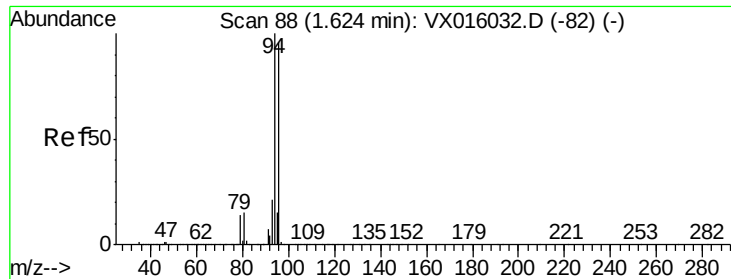
64 32.4 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.746 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

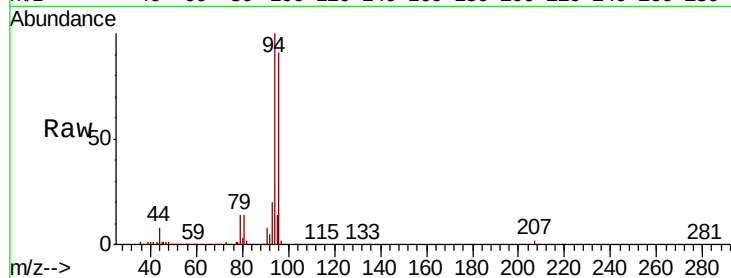
ClientSampleId :

Tot Ion: 94 Resp: 47373

Ion Ratio Lower Upper

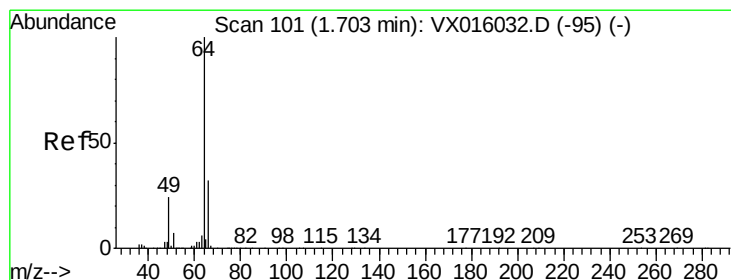
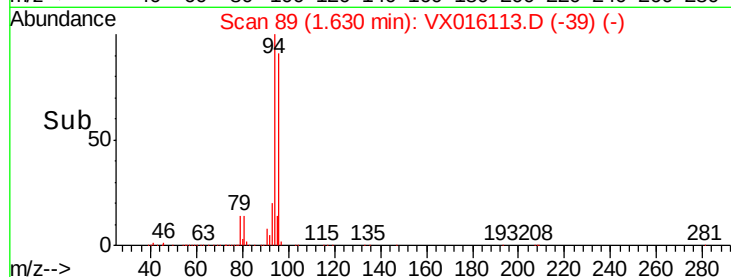
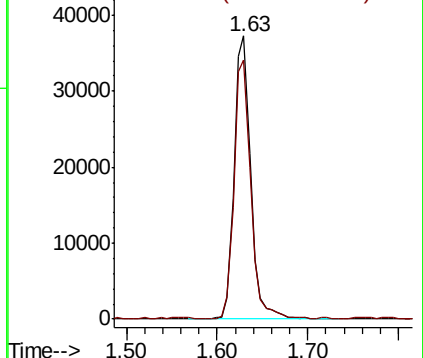
94 100

96 91.1 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.733 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016113.D

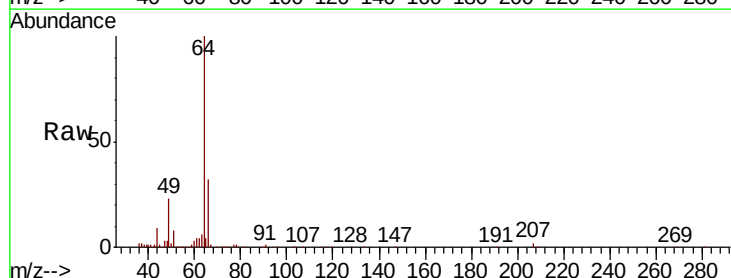
Acq: 08 May 2020 12:00

Tgt Ion: 64 Resp: 44574

Ion Ratio Lower Upper

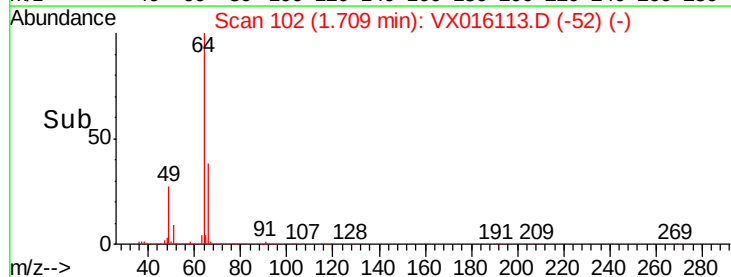
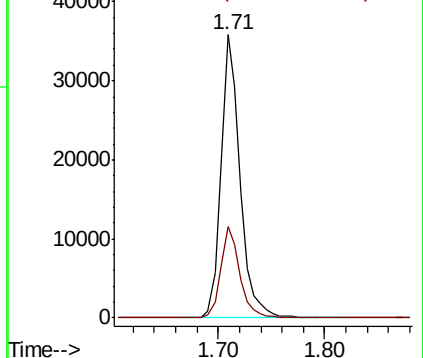
64 100

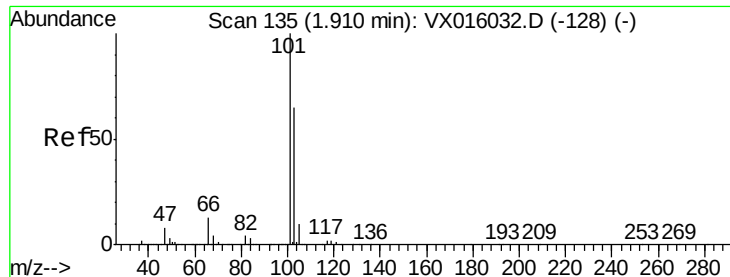
66 32.0 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



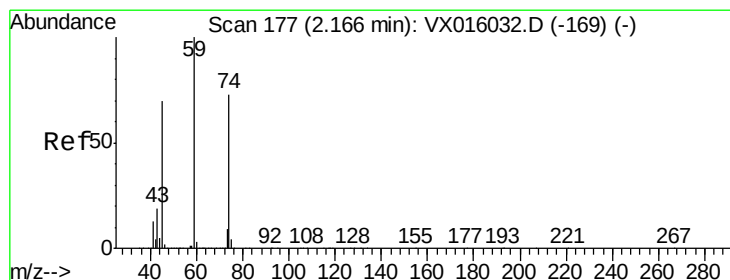
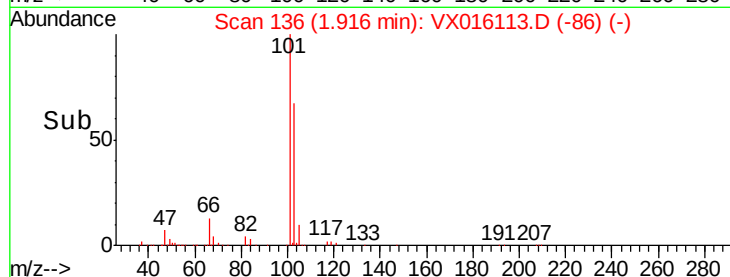
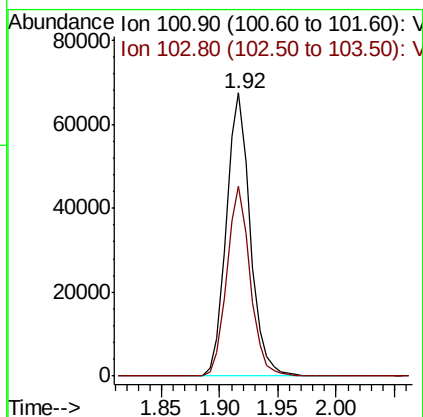
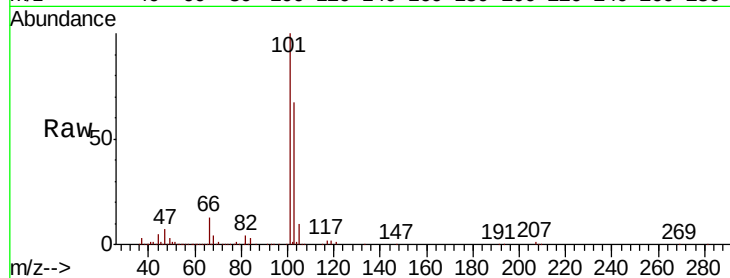


#7

Trichlorofluoromethane
Concen: 17.682 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016113.D
Acq: 08 May 2020 12:00

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MSVOA_X
ClientSampleId :

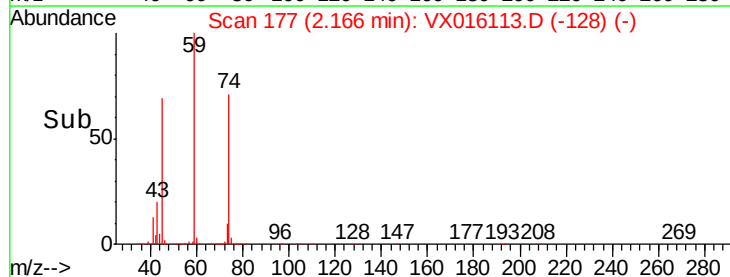
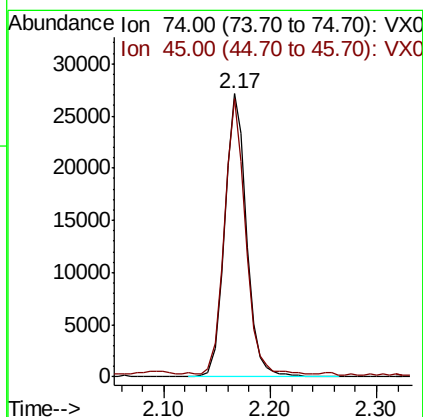
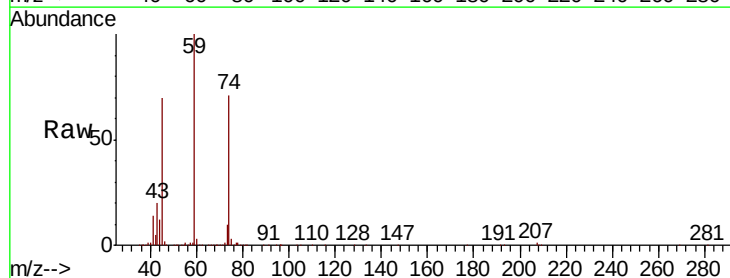
Tot Ion:101 Resp: 95899
Ion Ratio Lower Upper
101 100
103 67.0 51.8 77.6

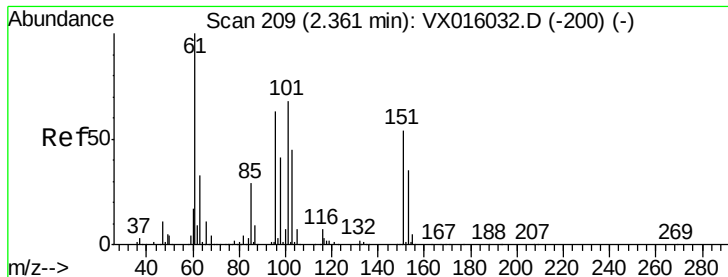


#8

Diethyl Ether
Concen: 16.977 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016113.D
Acq: 08 May 2020 12:00

Tgt Ion: 74 Resp: 38796
Ion Ratio Lower Upper
74 100
45 93.7 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.426 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016113.D

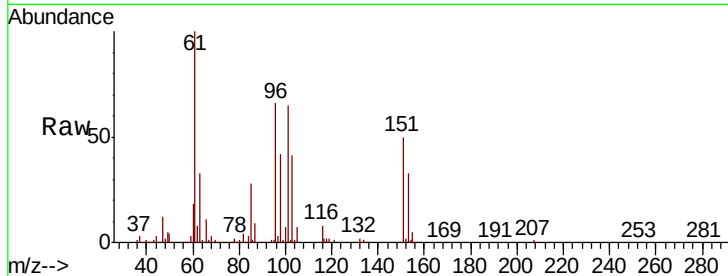
Acq: 08 May 2020 12:00

Instrument :

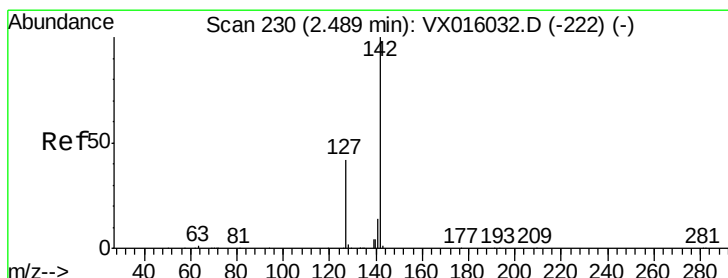
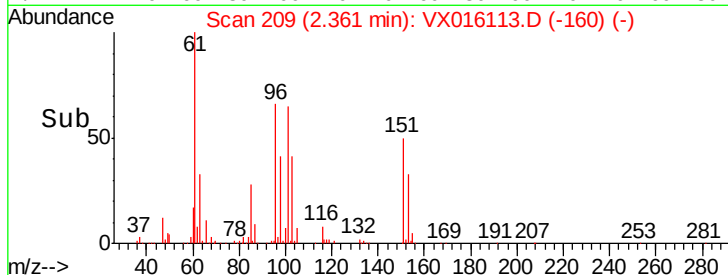
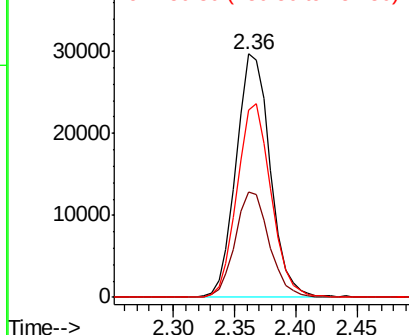
MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	57658
Ion	Ratio	Lower	Upper
101	100		
85	43.1	34.2	51.4
151	79.2	62.1	93.1



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.384 ug/l

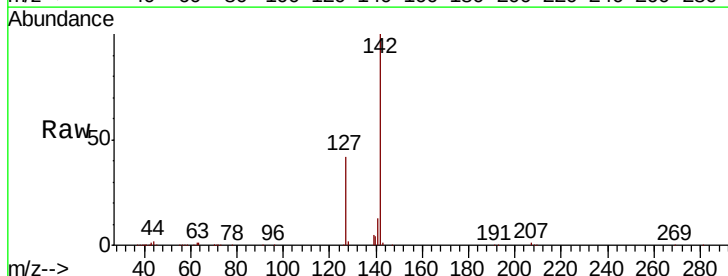
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

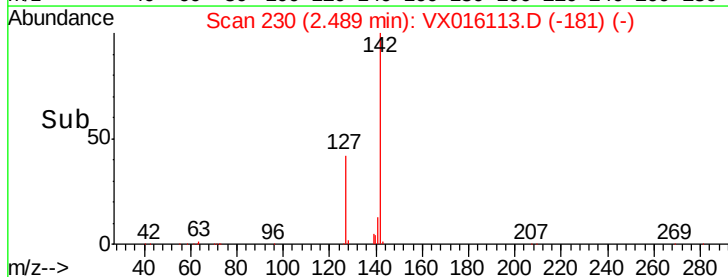
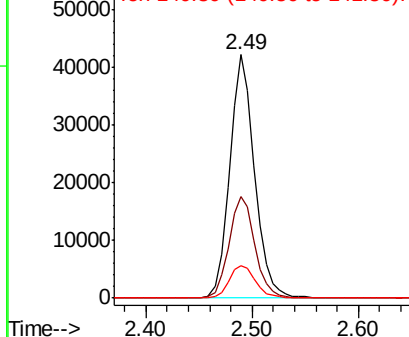
Lab File: VX016113.D

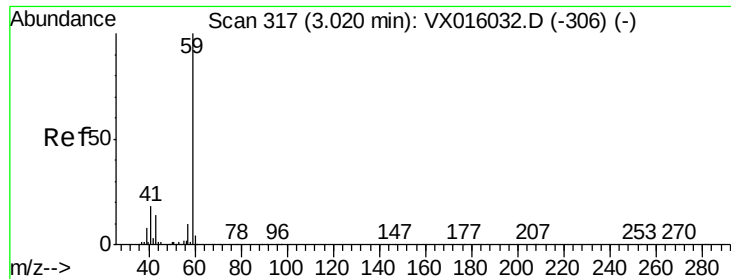
Acq: 08 May 2020 12:00

Tgt Ion:	142	Resp:	68865
Ion	Ratio	Lower	Upper
142	100		
127	43.4	34.6	52.0
141	14.3	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



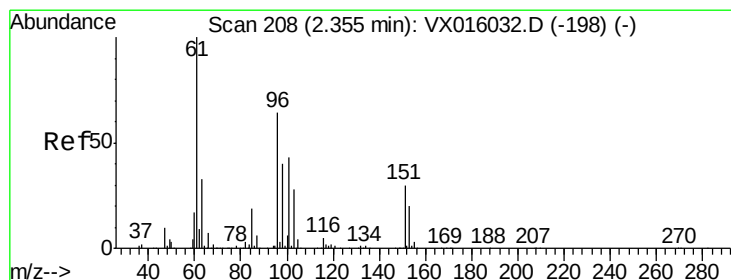
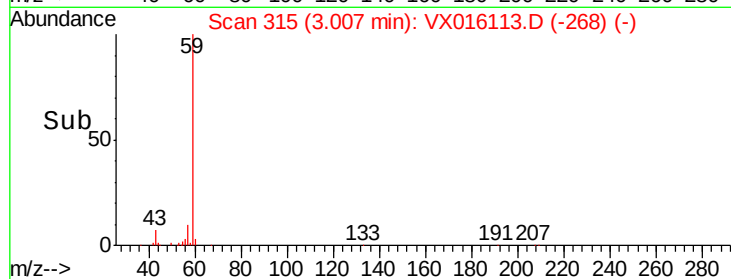
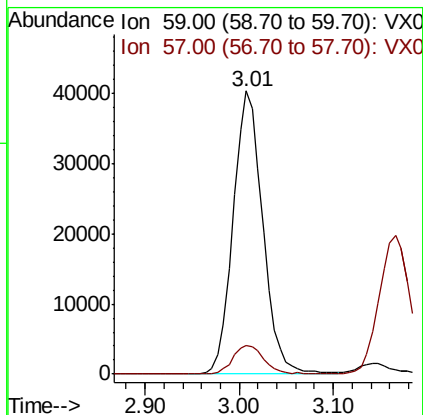
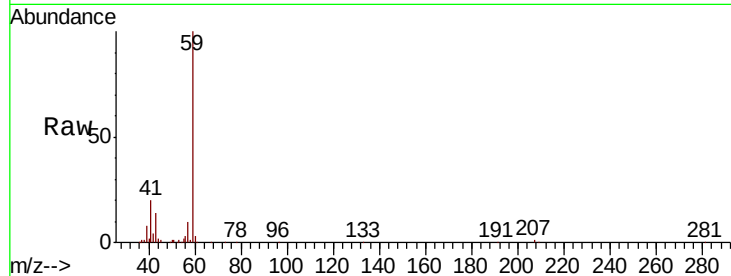


#11

Tert butyl alcohol
 Concen: 84.626 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016113.D
 Acq: 08 May 2020 12:00

Instrument :
 MSVOA_X
 ClientSampled :

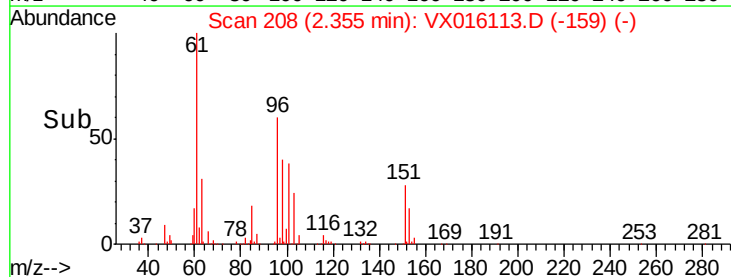
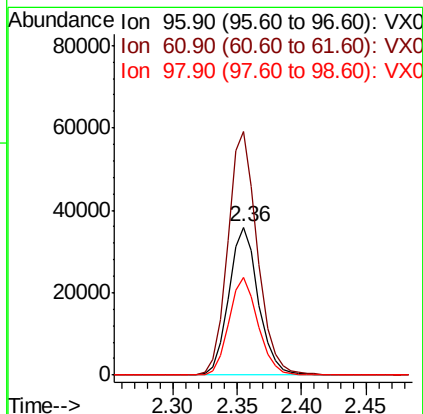
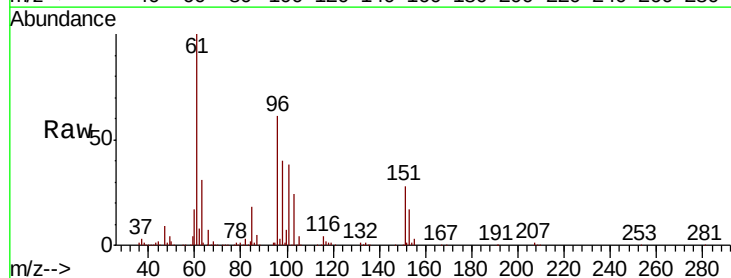
Tot Ion: 59 Resp: 88705
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.4

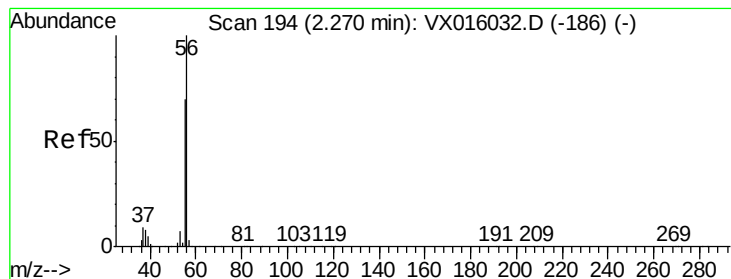


#12

1,1-Dichloroethene
 Concen: 17.452 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016113.D
 Acq: 08 May 2020 12:00

Tgt Ion: 96 Resp: 57148
 Ion Ratio Lower Upper
 96 100
 61 165.1 124.8 187.2
 98 66.3 49.7 74.5





#13

Acrolein

Concen: 70.102 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

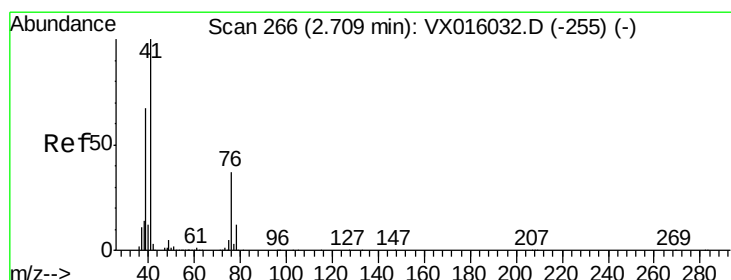
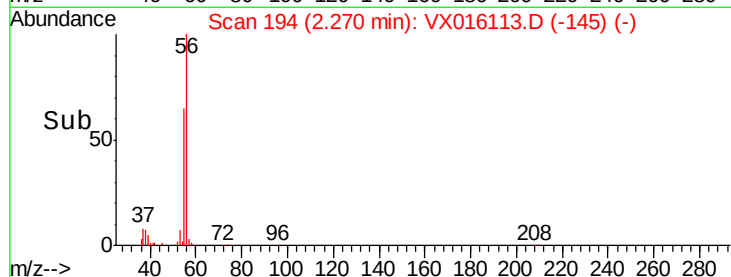
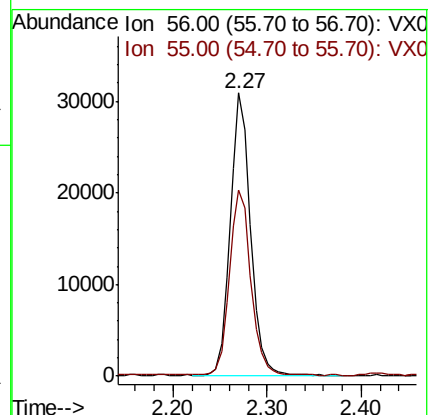
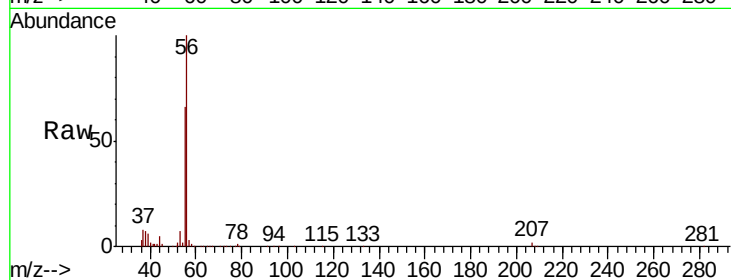
ClientSampleId :

Tot Ion: 56 Resp: 45982

Ion Ratio Lower Upper

56 100

55 68.5 56.5 84.7



#14

Allyl chloride

Concen: 17.504 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

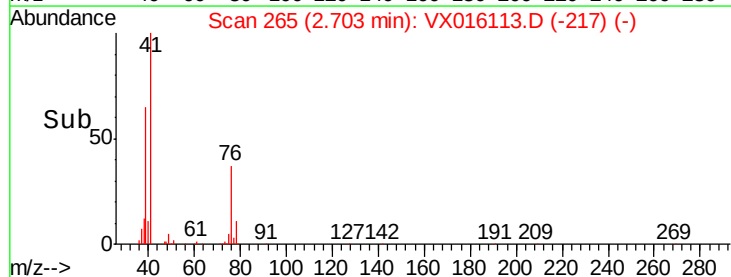
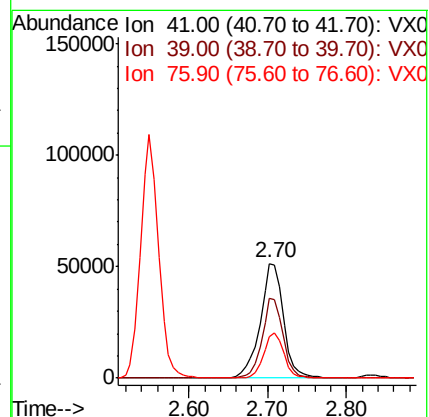
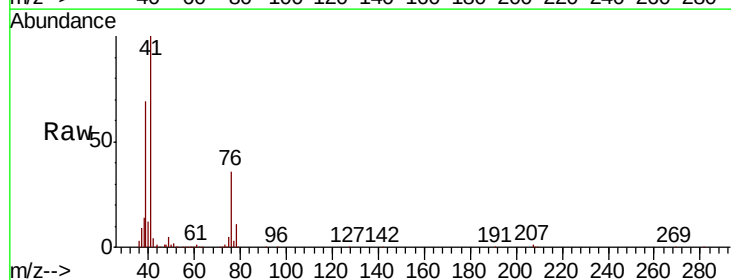
Tgt Ion: 41 Resp: 105091

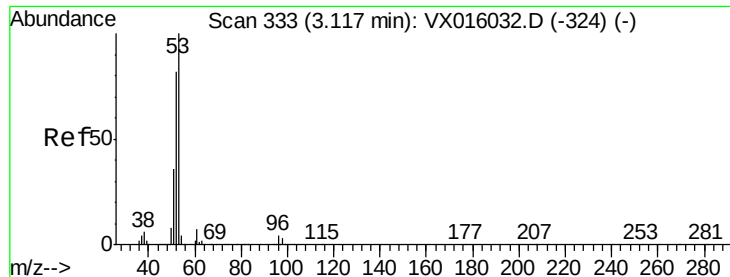
Ion Ratio Lower Upper

41 100

39 62.5 50.5 75.7

76 34.1 26.6 40.0





#15

Acrylonitrile

Concen: 86.771 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

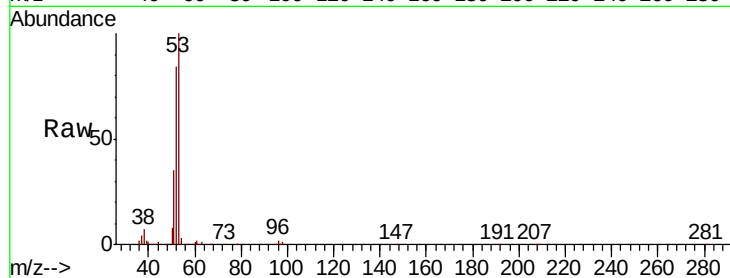
Tot Ion: 53 Resp: 188684

Ion Ratio Lower Upper

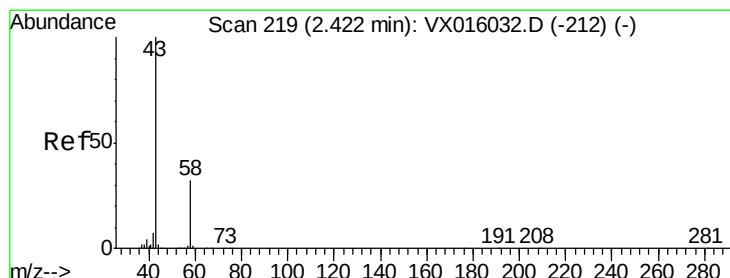
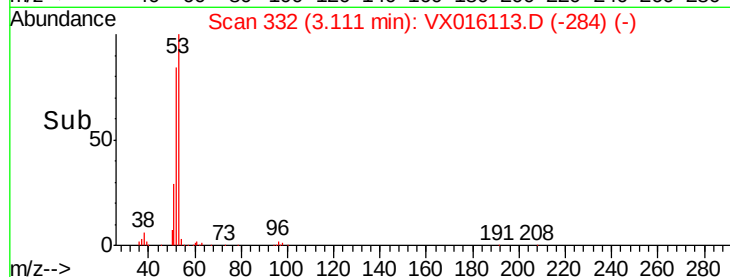
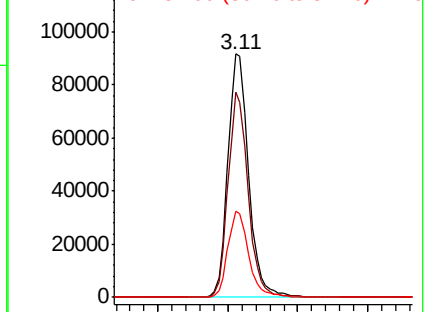
53 100

52 81.9 66.1 99.1

51 35.5 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 85.574 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016113.D

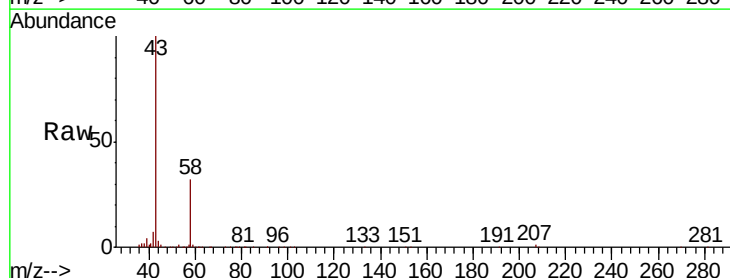
Acq: 08 May 2020 12:00

Tgt Ion: 43 Resp: 158271

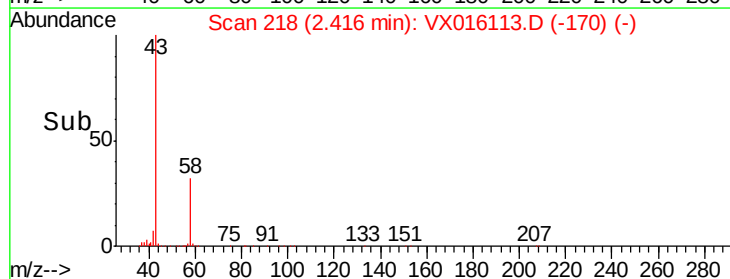
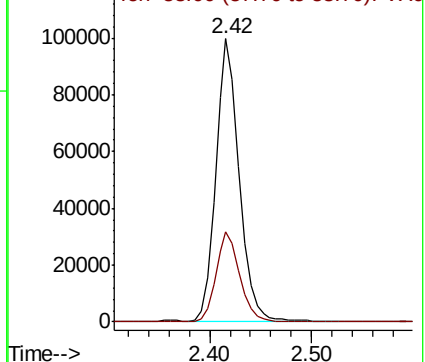
Ion Ratio Lower Upper

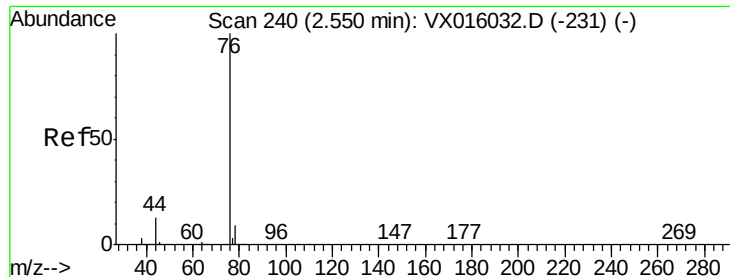
43 100

58 31.9 25.4 38.0



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





#17

Carbon Disulfide

Concen: 17.535 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

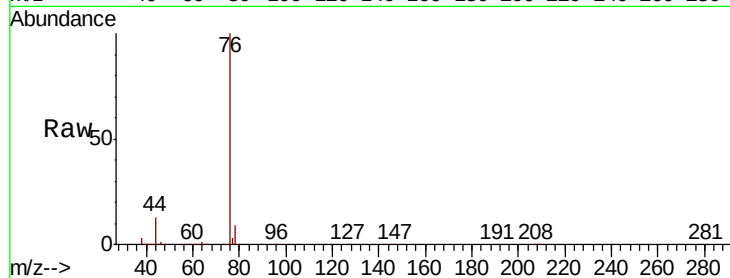
ClientSampleId :

Tot Ion: 76 Resp: 173748

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

120000

100000

80000

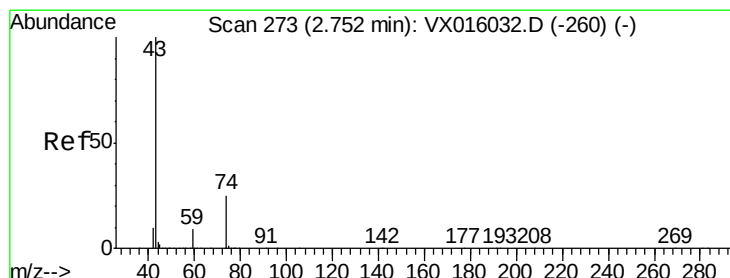
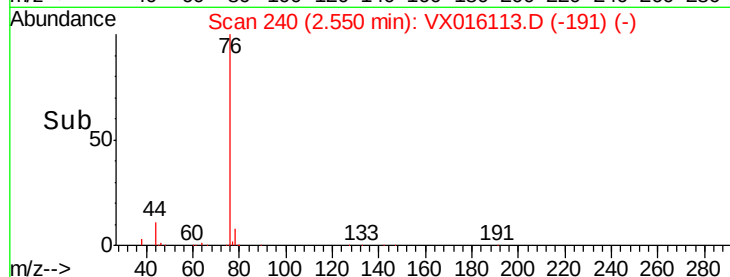
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 17.946 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016113.D

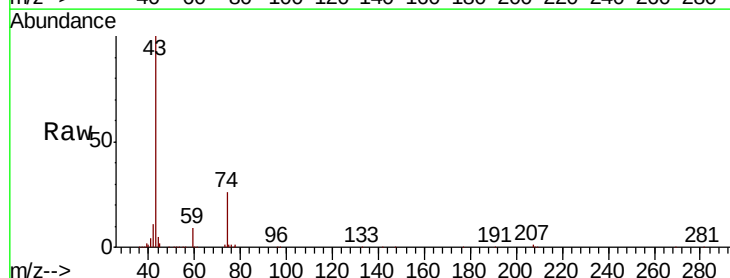
Acq: 08 May 2020 12:00

Tgt Ion: 43 Resp: 81611

Ion Ratio Lower Upper

43 100

74 25.0 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

50000

40000

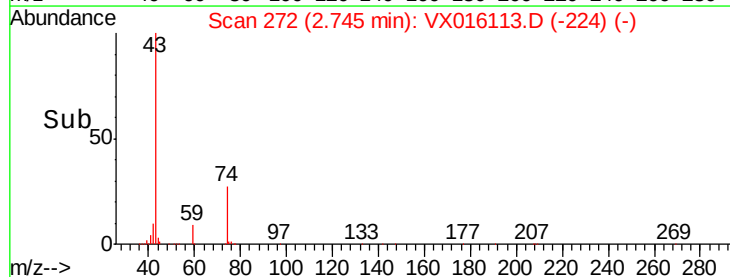
30000

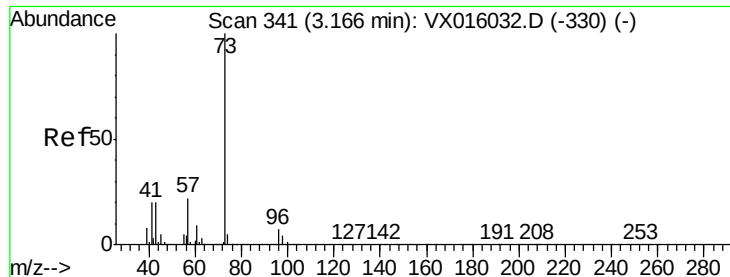
20000

10000

0

Time-->



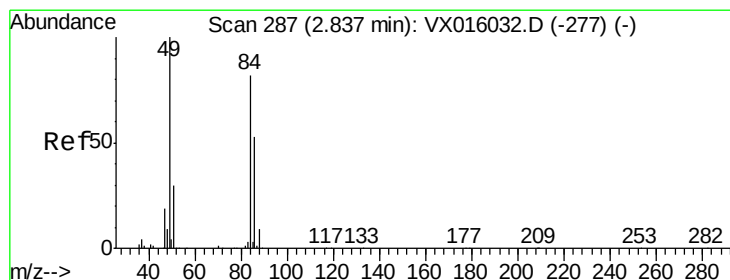
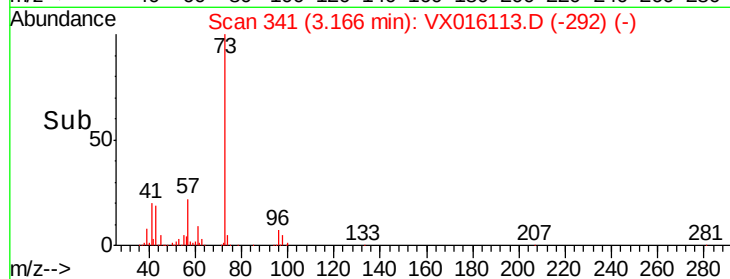
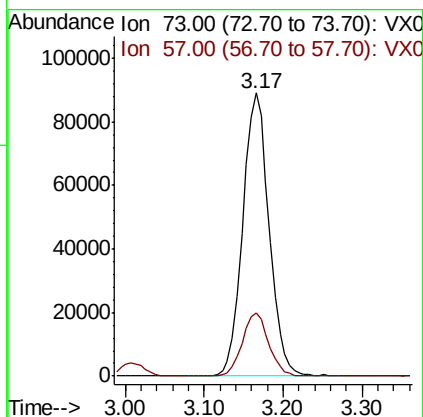
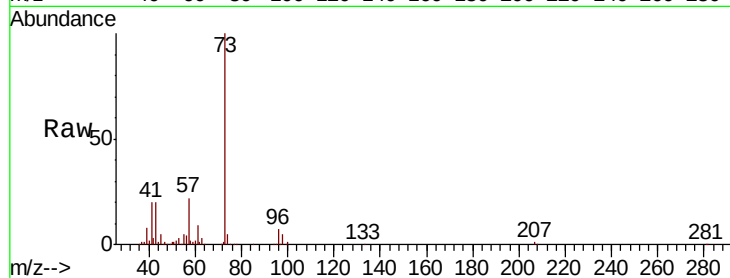


#19

Methyl tert-butyl Ether
 Concen: 18.284 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016113.D
 Acq: 08 May 2020 12:00

Instrument :
 MSVOA_X
 ClientSampled :

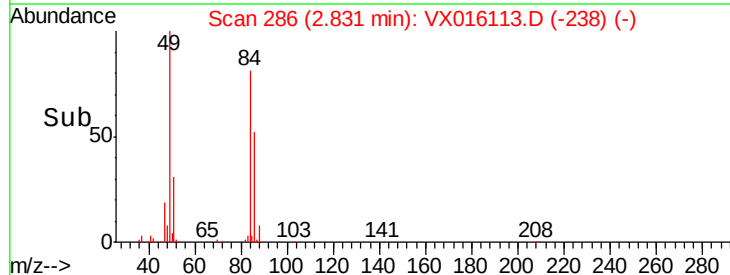
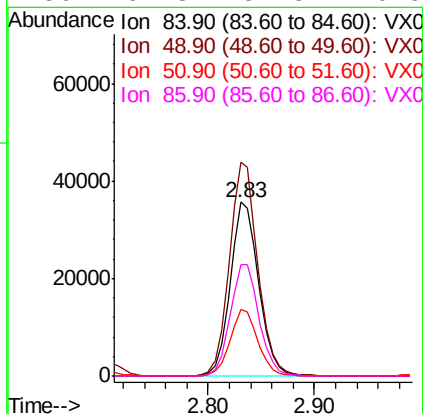
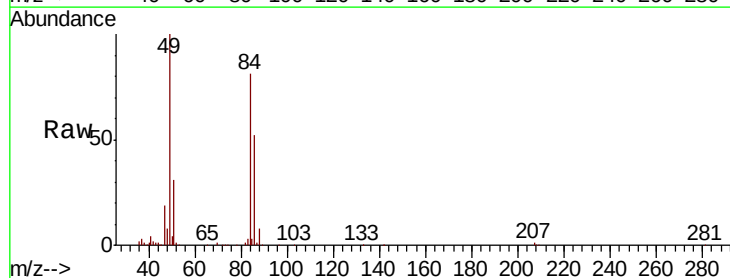
Tot Ion: 73 Resp: 206394
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.8 26.6

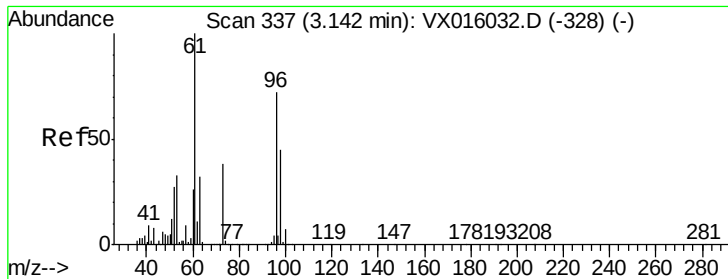


#20

Methylene Chloride
 Concen: 17.441 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016113.D
 Acq: 08 May 2020 12:00

Tgt Ion: 84 Resp: 66500
 Ion Ratio Lower Upper
 84 100
 49 123.0 97.3 145.9
 51 37.8 29.3 43.9
 86 64.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 17.406 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

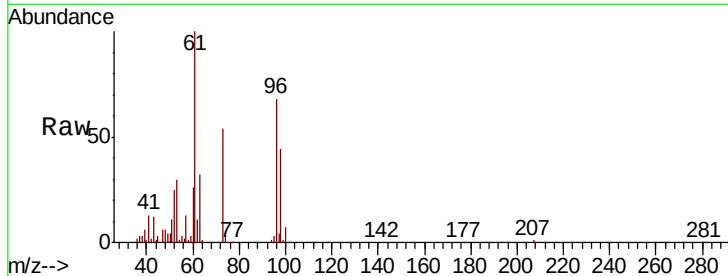
Tot Ion: 96 Resp: 63515

Ion Ratio Lower Upper

96 100

61 147.4 111.2 166.8

98 64.9 50.2 75.4

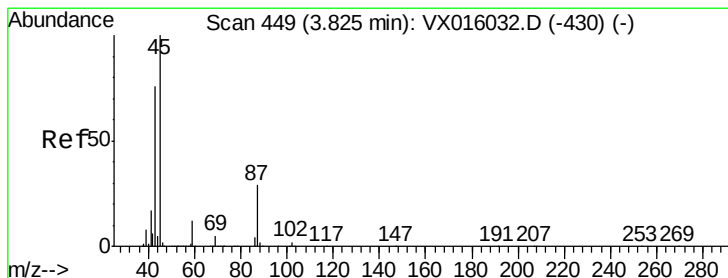
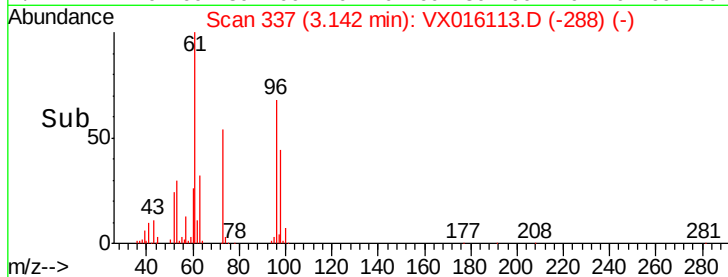
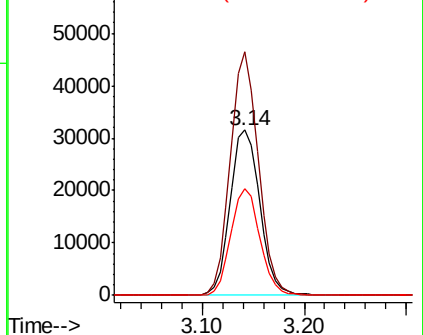


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.134 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Tgt Ion: 45 Resp: 205397

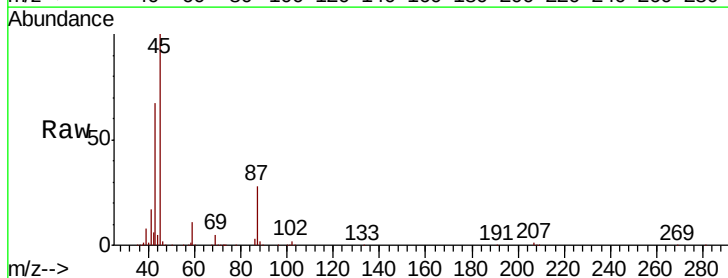
Ion Ratio Lower Upper

45 100

43 66.8 61.1 91.7

87 28.1 23.0 34.6

59 11.4 9.8 14.6



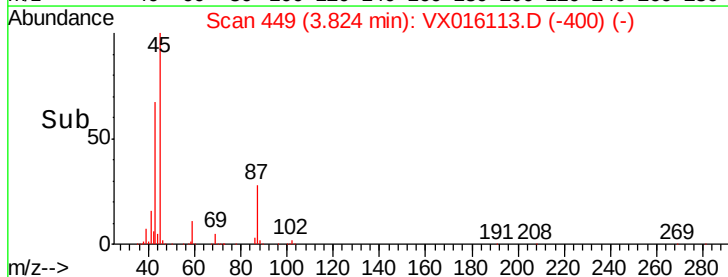
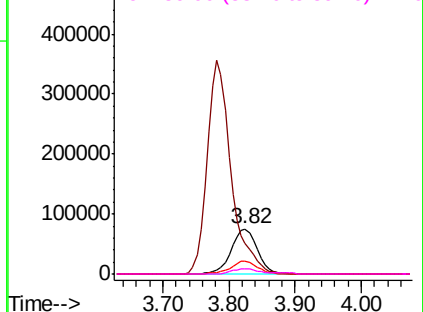
Abundance

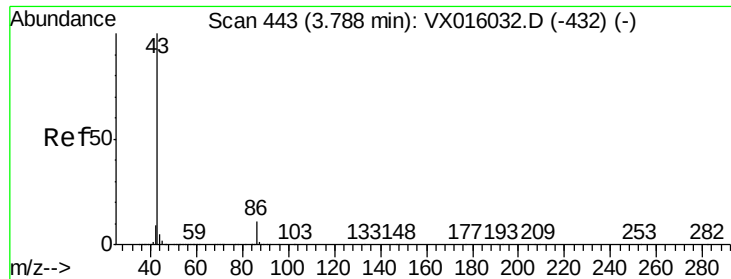
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 89.729 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

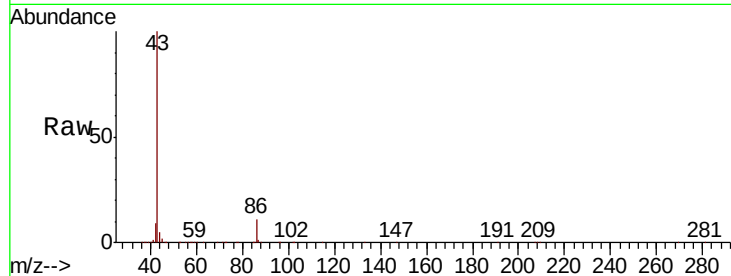
ClientSampleId :

Tot Ion: 43 Resp: 894167

Ion Ratio Lower Upper

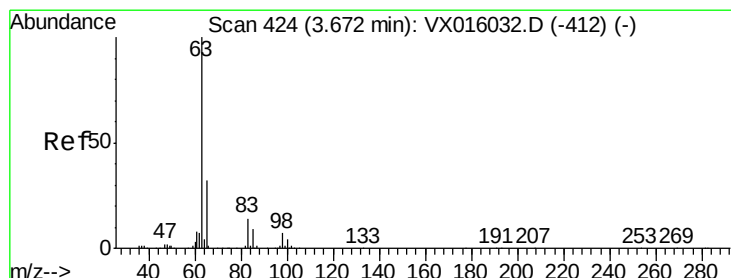
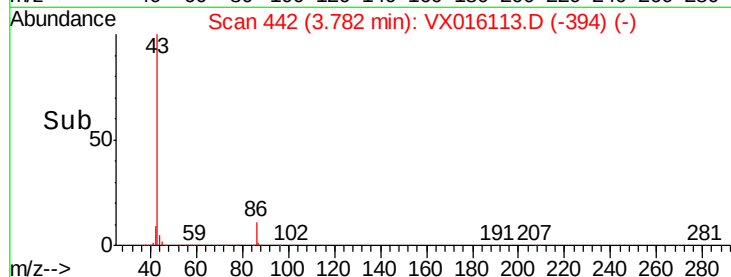
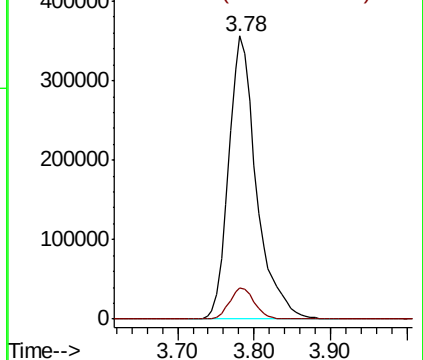
43 100

86 10.9 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.190 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

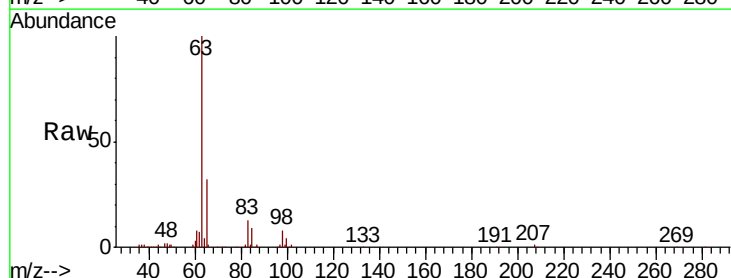
Tgt Ion: 63 Resp: 115257

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.5

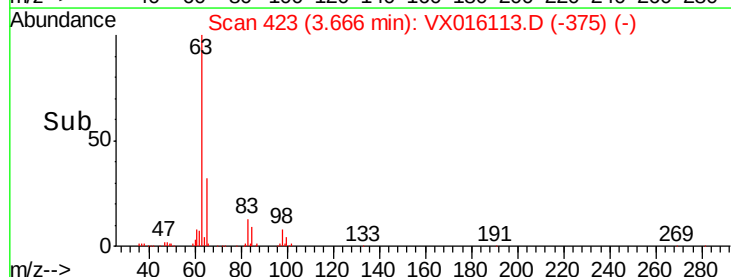
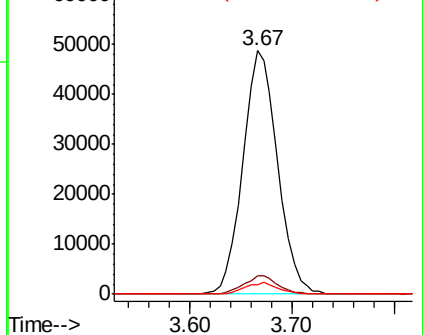
100 4.0 2.1 6.5

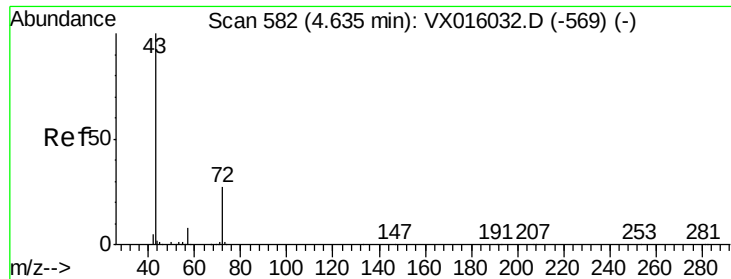


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

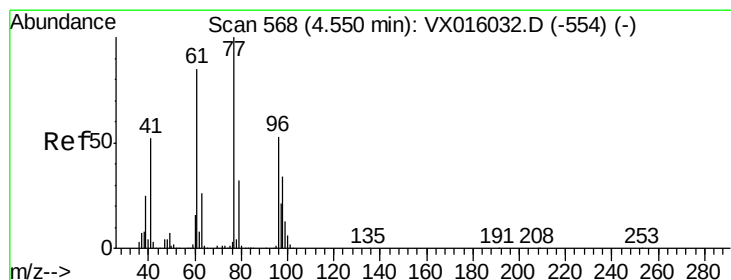
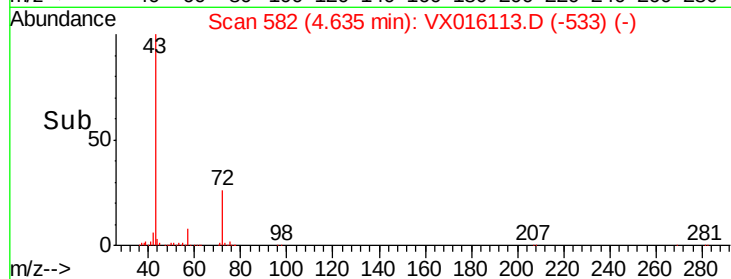
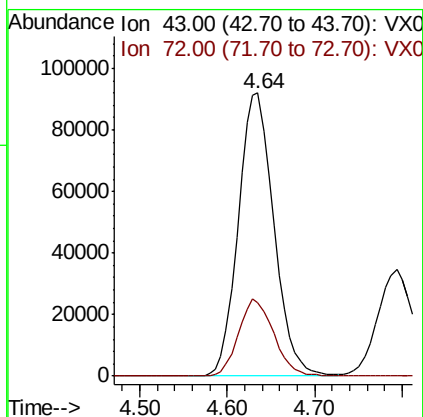
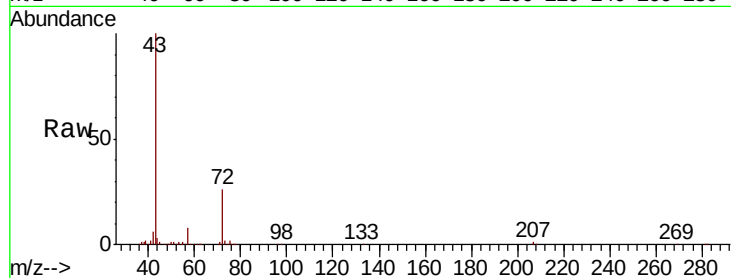




#25
2-Butanone
Concen: 86.898 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016113.D
Acq: 08 May 2020 12:00

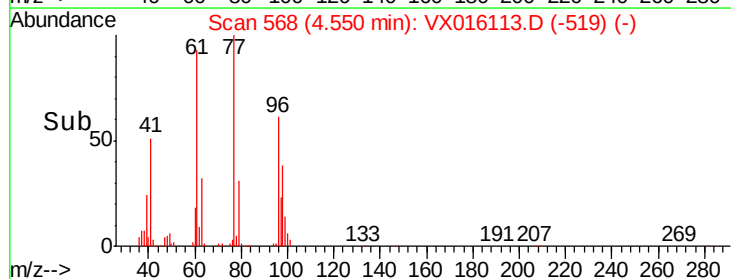
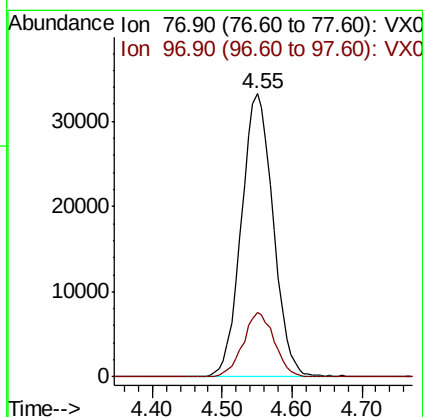
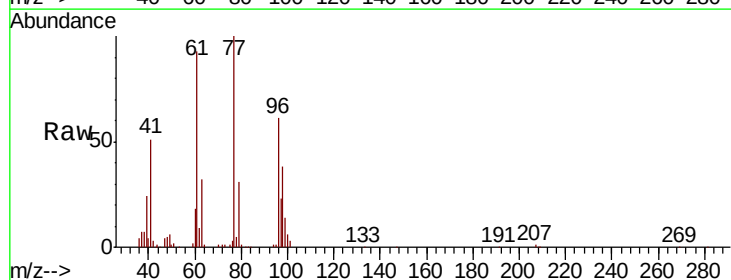
Instrument :
MSVOA_X
ClientSampled :

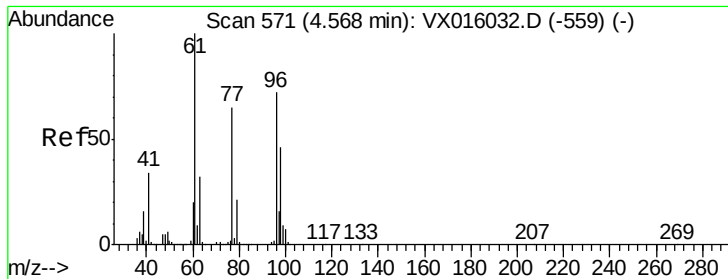
Tot Ion: 43 Resp: 258987
Ion Ratio Lower Upper
43 100
72 25.6 21.8 32.8



#26
2,2-Dichloropropane
Concen: 18.155 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016113.D
Acq: 08 May 2020 12:00

Tgt Ion: 77 Resp: 105055
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.6



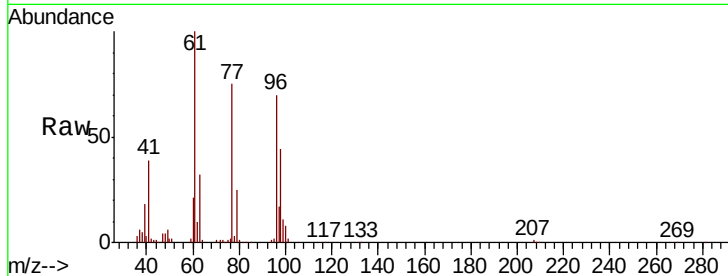


#27

cis-1,2-Dichloroethene
Concen: 18.477 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016113.D
Acq: 08 May 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	296.2
98	62.7	0.0	129.4

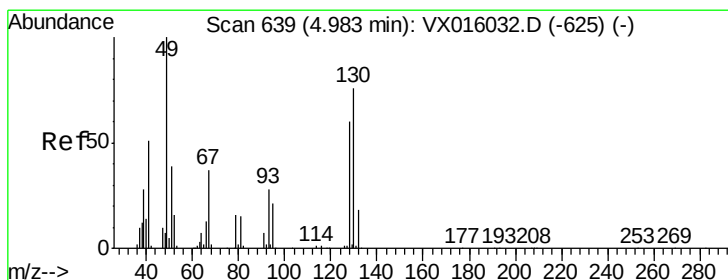
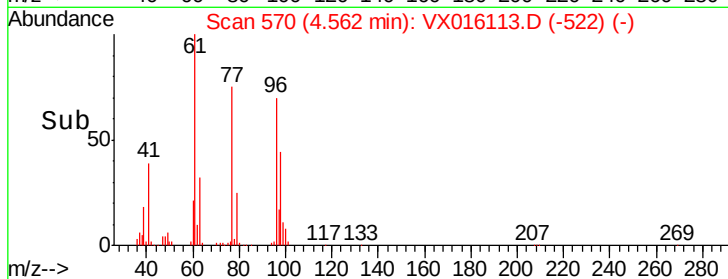
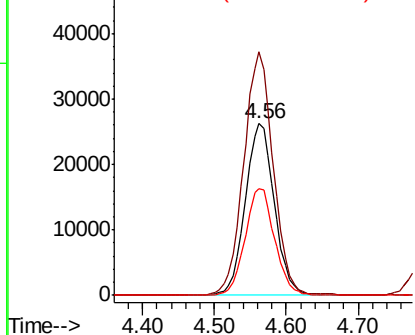


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

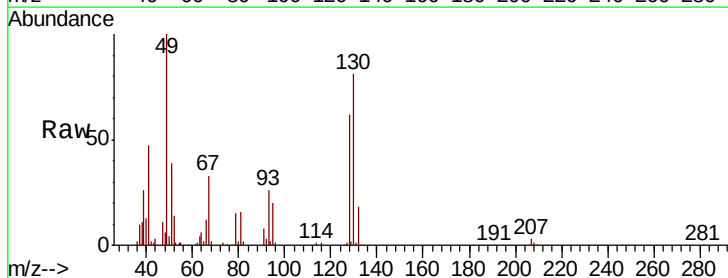
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 17.330 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016113.D
Acq: 08 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	80.0	62.4	93.6

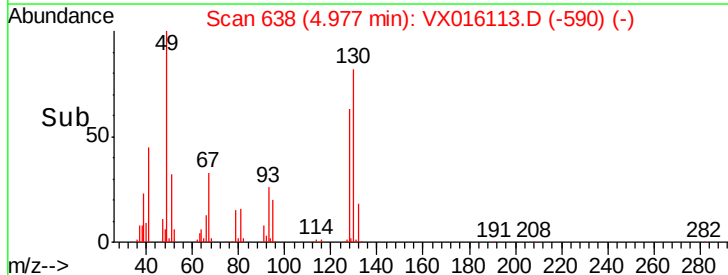
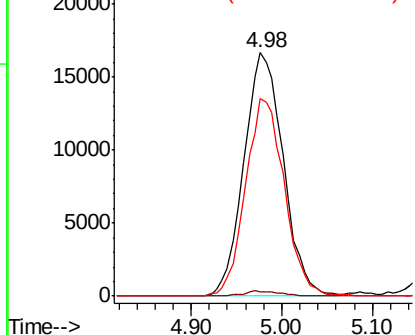


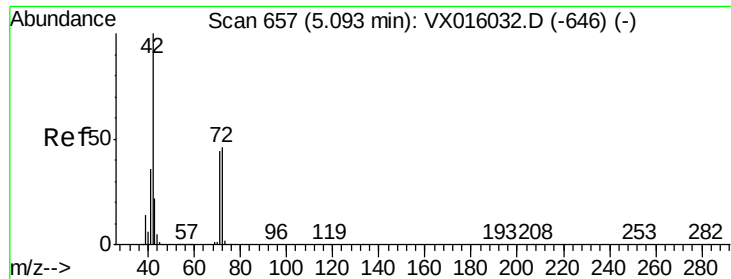
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 86.479 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

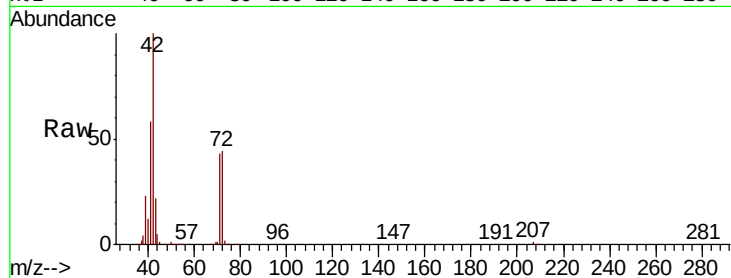
Tot Ion: 42 Resp: 170777

Ion Ratio Lower Upper

42 100

72 46.4 37.1 55.7

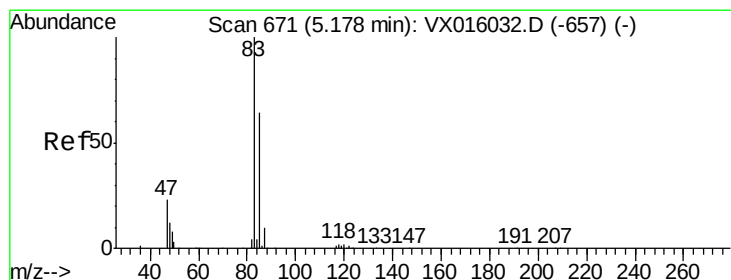
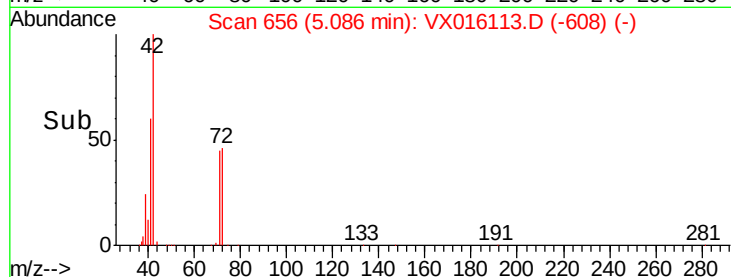
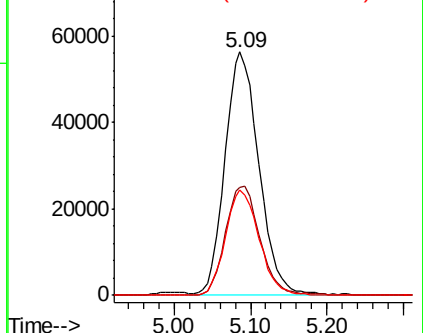
71 43.6 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.276 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016113.D

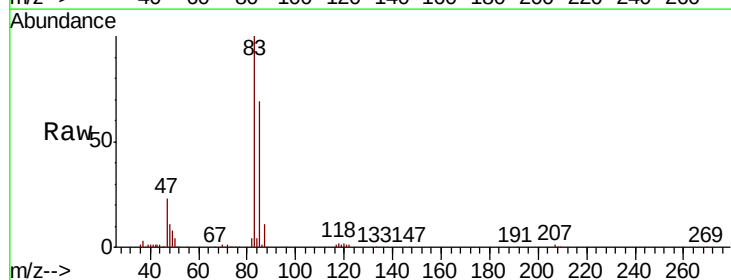
Acq: 08 May 2020 12:00

Tgt Ion: 83 Resp: 115297

Ion Ratio Lower Upper

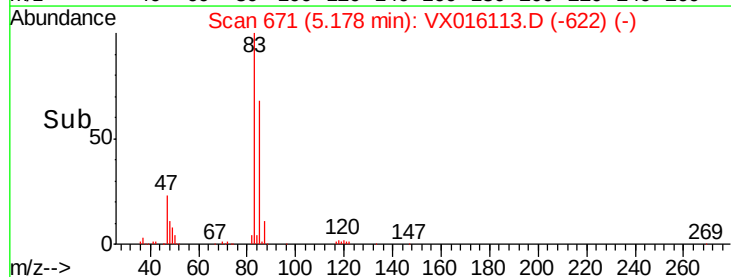
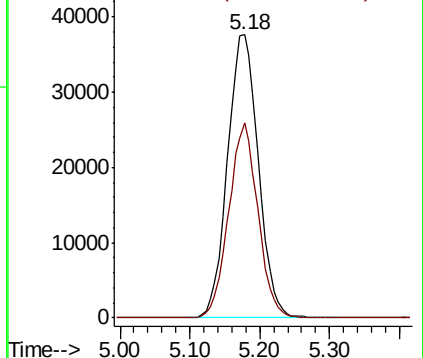
83 100

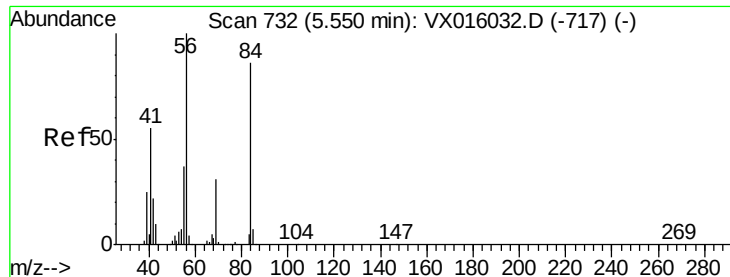
85 68.8 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

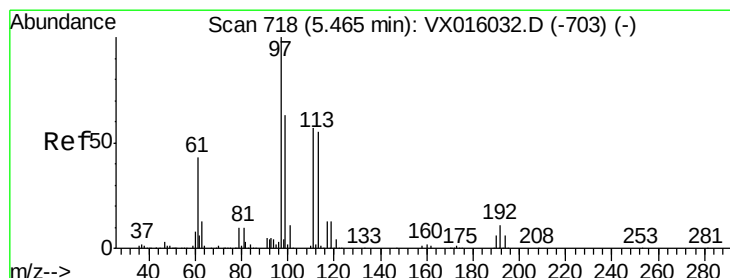
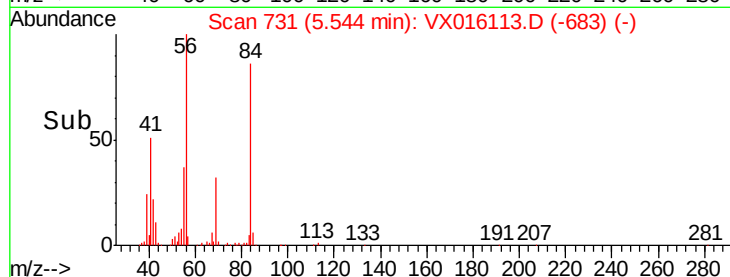
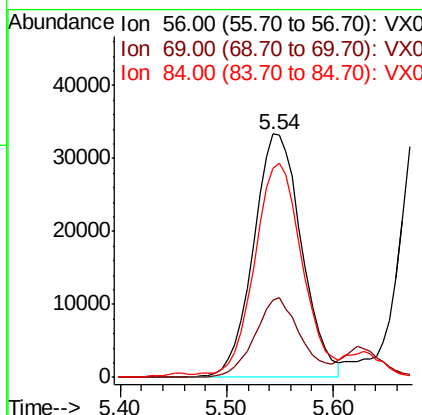
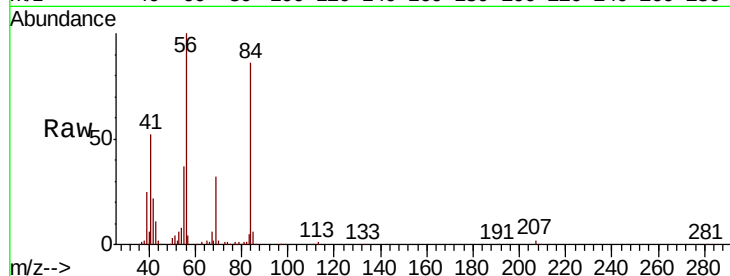




#31
Cyclohexane
Concen: 18.288 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016113.D
Acq: 08 May 2020 12:00

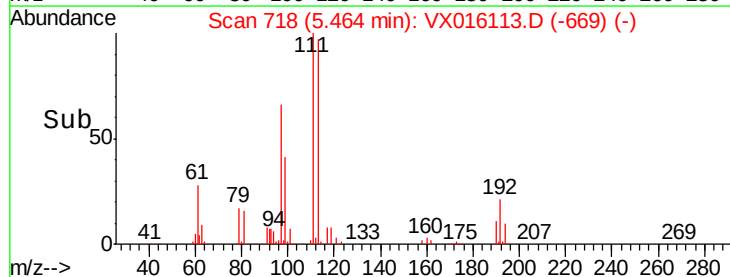
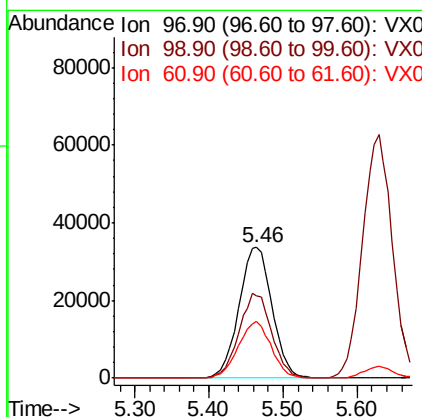
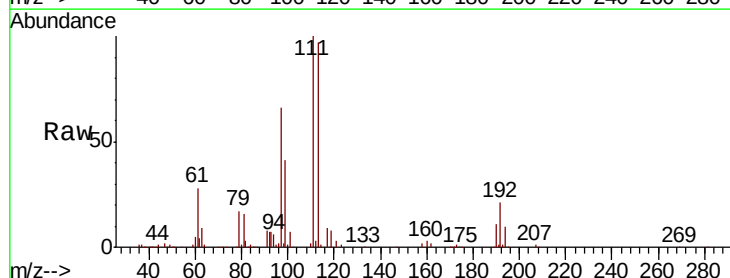
Instrument :
MSVOA_X
ClientSampleId :

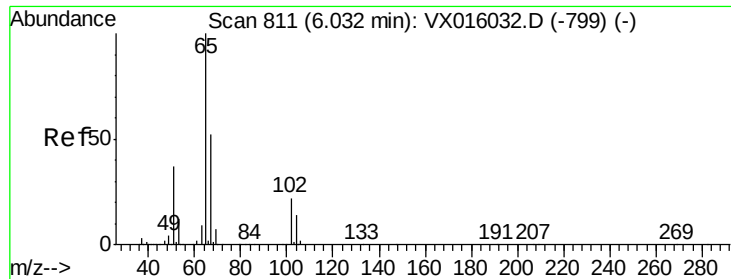
Tot Ion: 56 Resp: 105308
Ion Ratio Lower Upper
56 100
69 31.6 25.0 37.6
84 84.6 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 18.325 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016113.D
Acq: 08 May 2020 12:00

Tgt Ion: 97 Resp: 105084
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.4
61 43.0 34.5 51.7

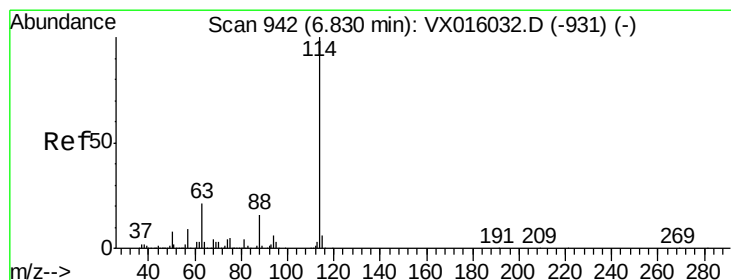
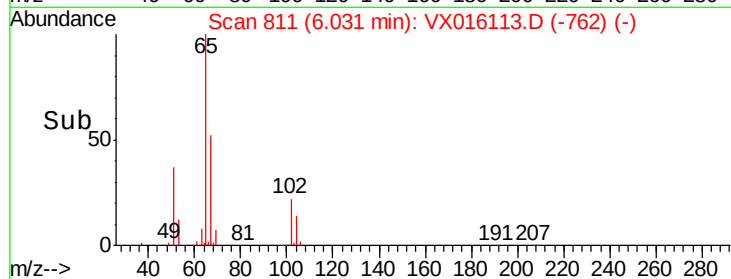
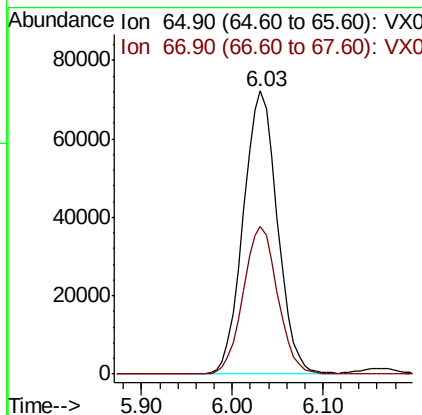
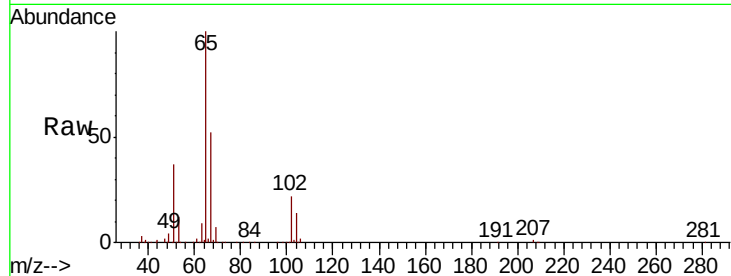




#33
 1,2-Dichloroethane-d4
 Concen: 45.420 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016113.D
 Acq: 08 May 2020 12:00

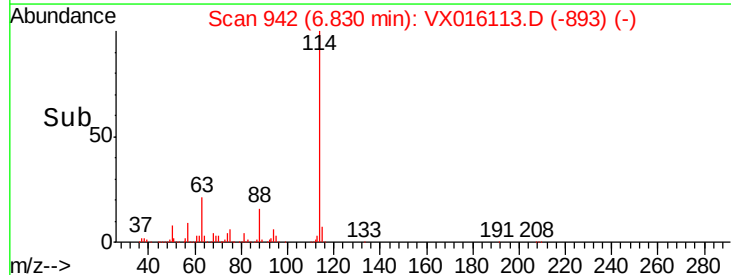
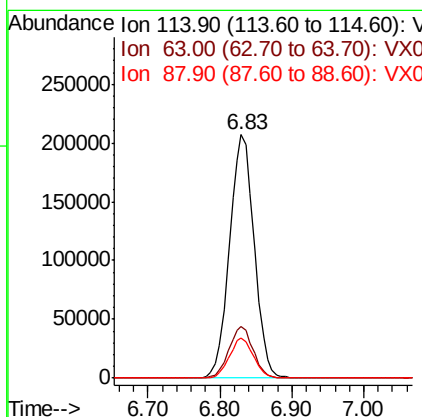
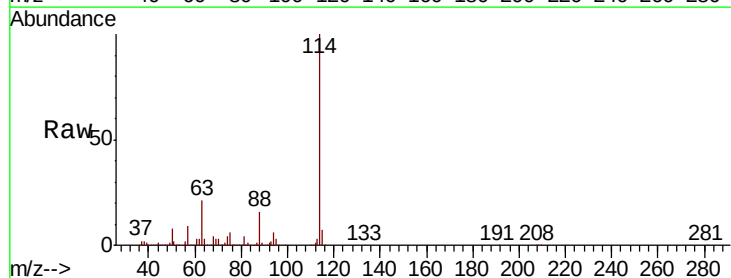
Instrument :
 MSVOA_X
 ClientSampleId :

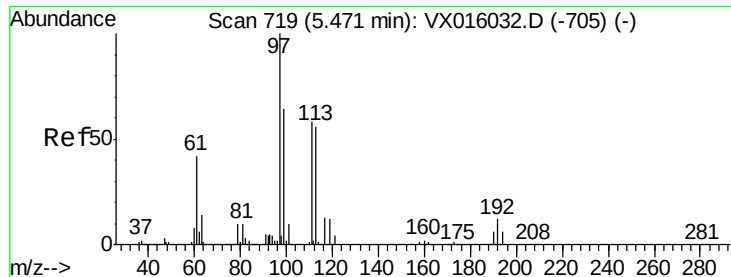
Tot Ion: 65 Resp: 188272
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016113.D
 Acq: 08 May 2020 12:00

Tgt Ion: 114 Resp: 492278
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.8
 88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.365 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

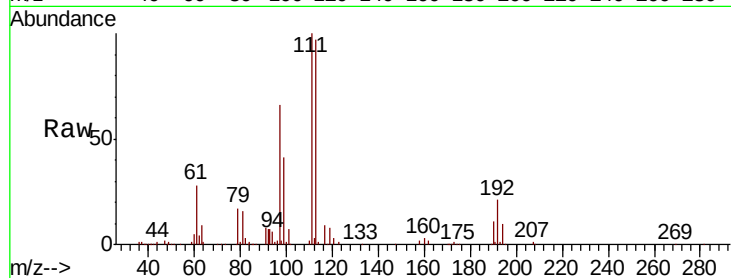
Tot Ion:113 Resp: 144604

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

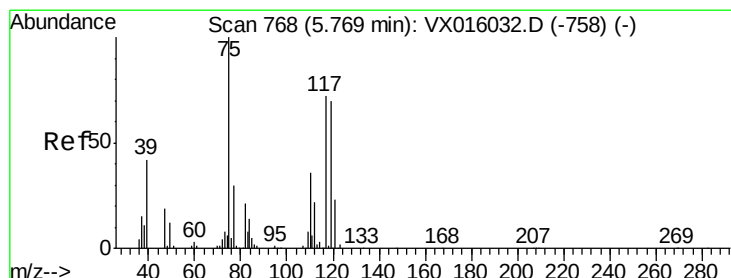
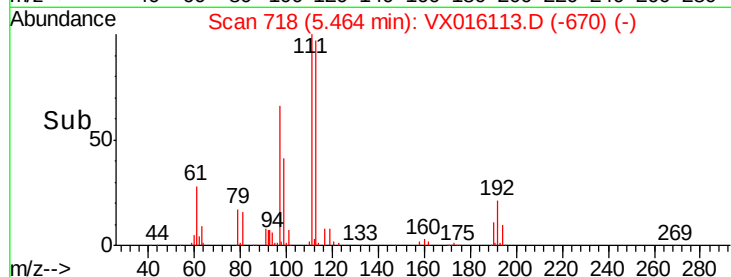
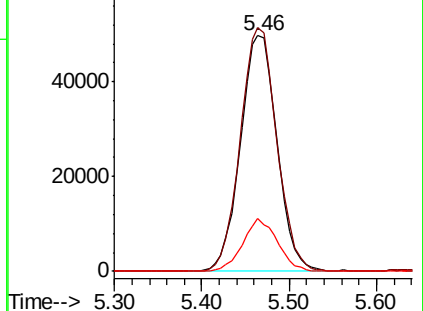
192 21.2 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.288 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

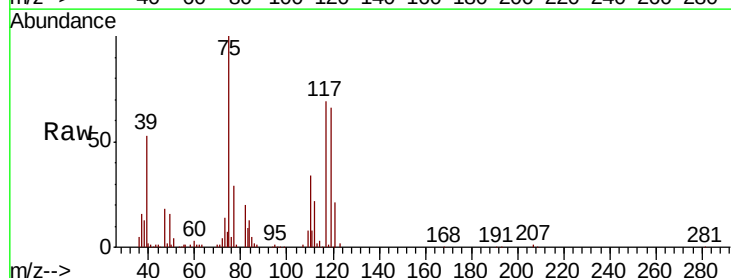
Tgt Ion: 75 Resp: 88621

Ion Ratio Lower Upper

75 100

110 35.0 18.1 54.1

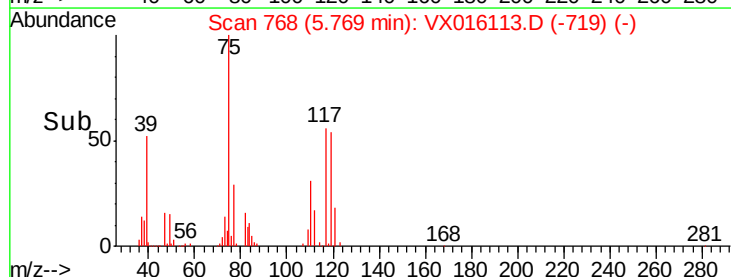
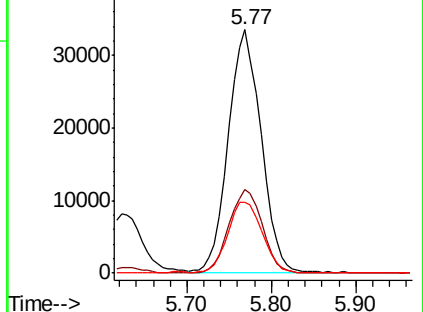
77 31.0 25.0 37.6

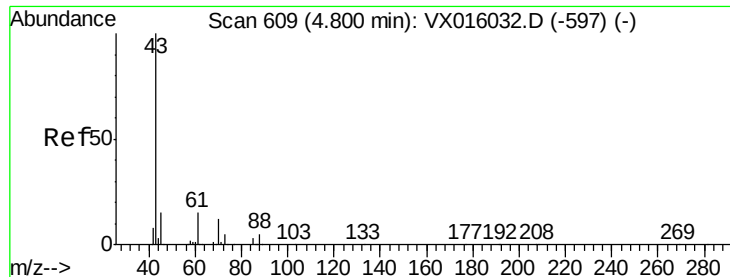


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

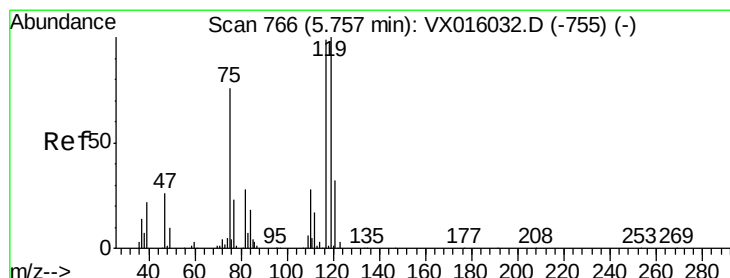
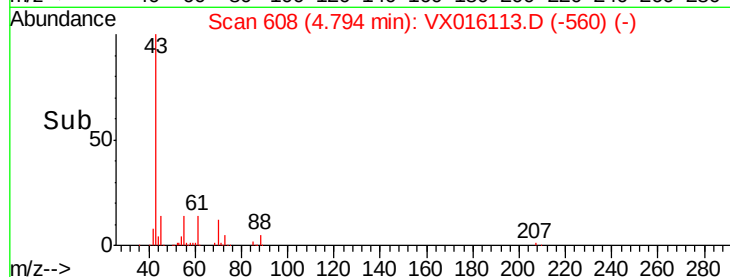
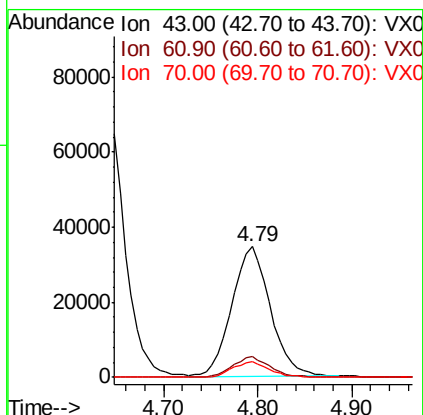
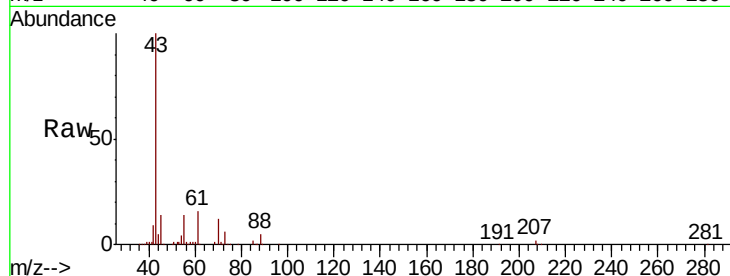




#37
Ethyl Acetate
Concen: 17.602 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016113.D
Acq: 08 May 2020 12:00

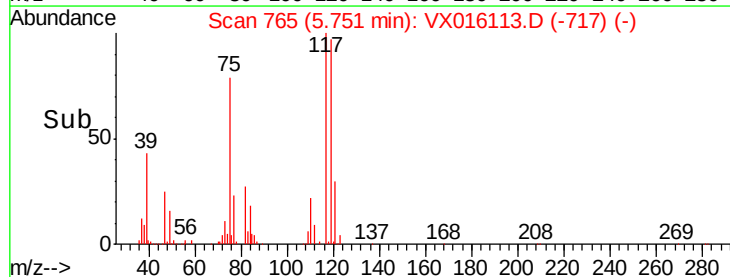
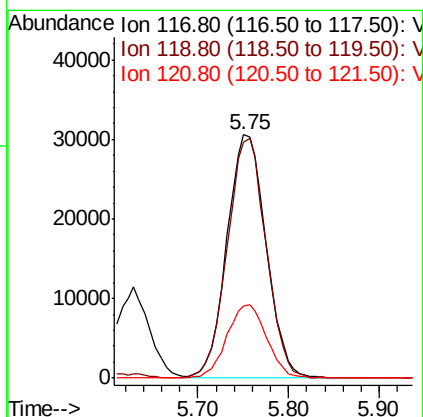
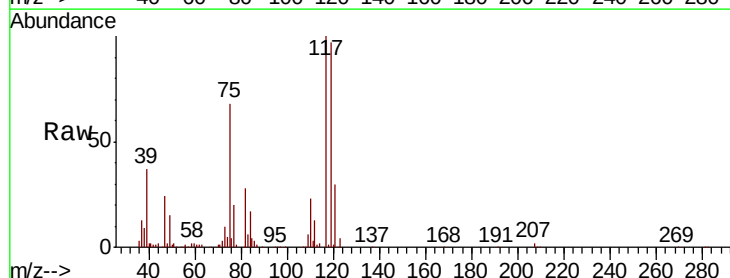
Instrument :
MSVOA_X
ClientSampled :

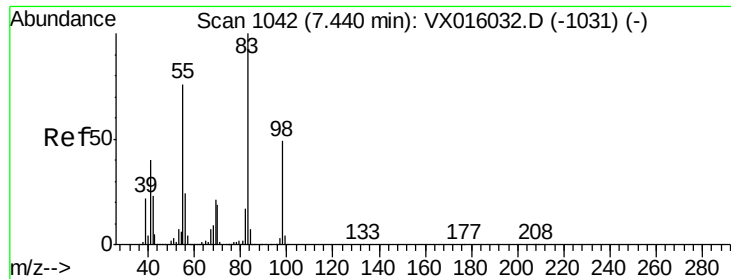
Tot Ion: 43 Resp: 98862
Ion Ratio Lower Upper
43 100
61 15.3 11.7 17.5
70 11.8 9.3 13.9



#38
Carbon Tetrachloride
Concen: 18.600 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016113.D
Acq: 08 May 2020 12:00

Tgt Ion: 117 Resp: 91611
Ion Ratio Lower Upper
117 100
119 97.0 80.3 120.5
121 29.8 25.7 38.5

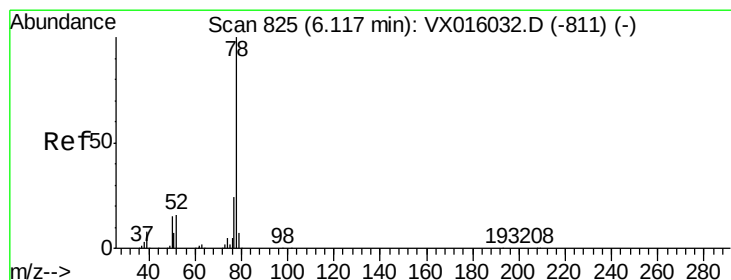
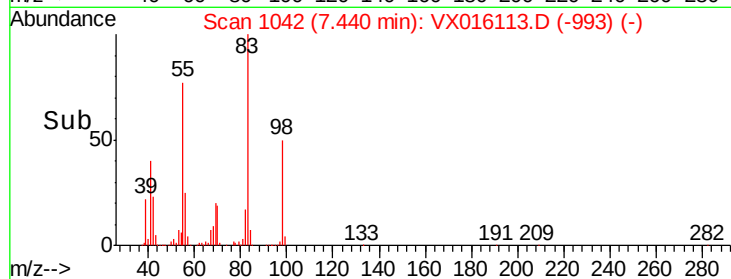
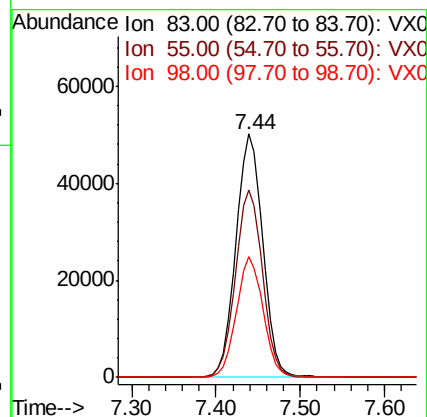
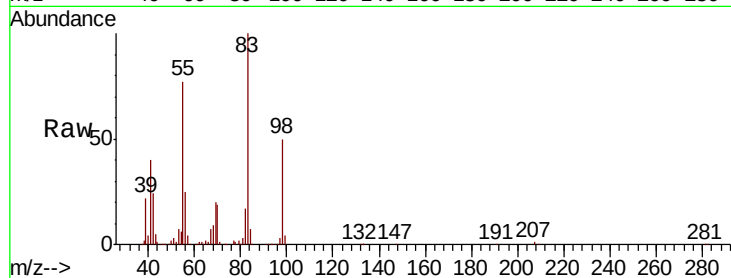




#39
Methylvlcyclohexane
Concen: 18.515 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016113.D
Acq: 08 May 2020 12:00

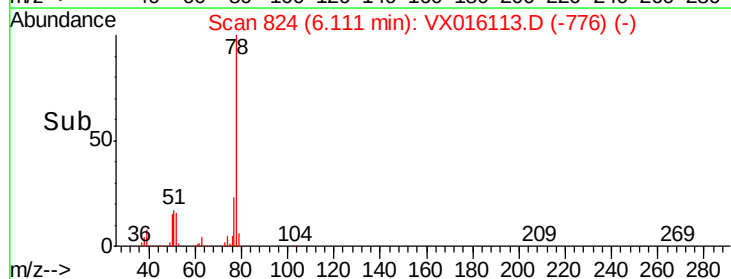
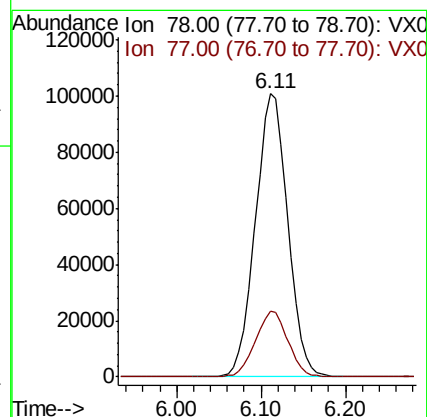
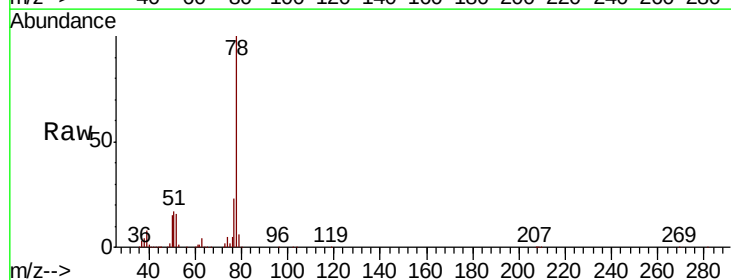
Instrument :
MSVOA_X
ClientSampleId :

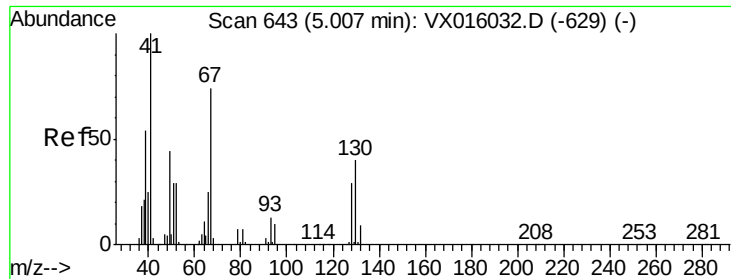
Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	61.1	91.7
98	49.6	39.0	58.4



#40
Benzene
Concen: 18.592 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016113.D
Acq: 08 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4

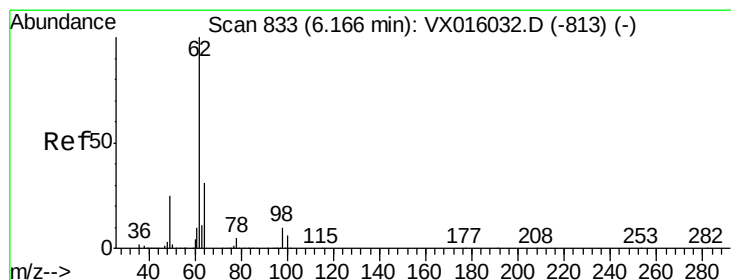
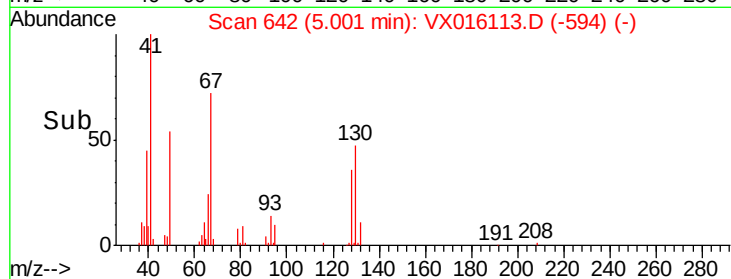
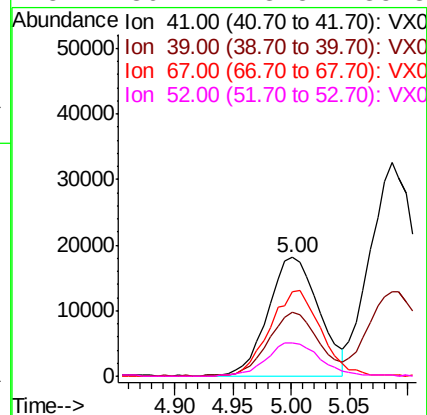
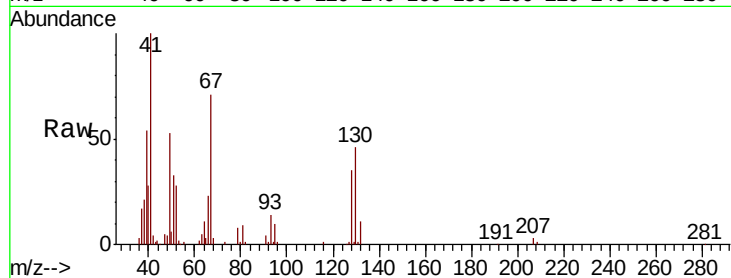




#41
Methacrylonitrile
Concen: 18.069 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016113.D
Acq: 08 May 2020 12:00

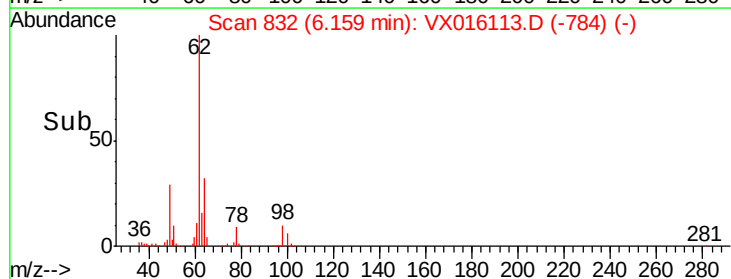
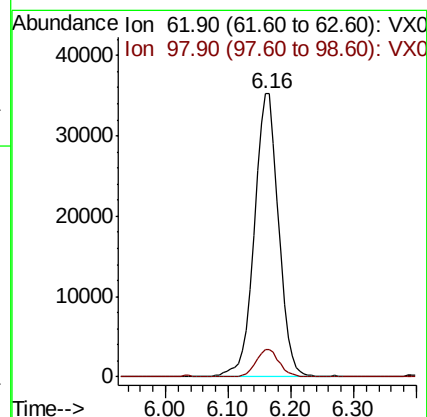
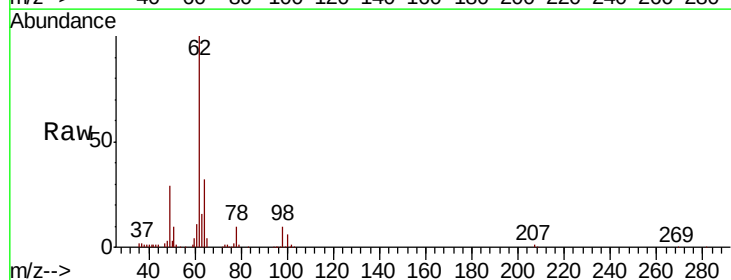
Instrument :
MSVOA_X
ClientSampled :

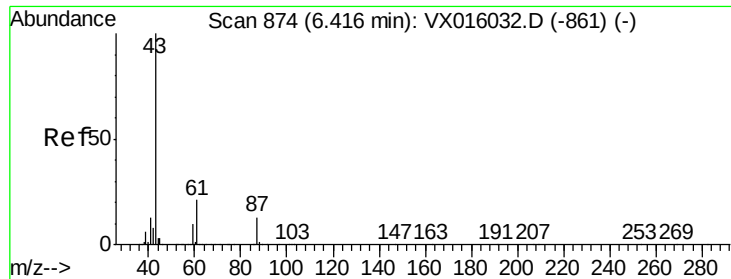
Tot Ion:	41	Resp:	54805
Ion	Ratio	Lower	Upper
41	100		
39	52.7	43.2	64.8
67	73.1	59.3	88.9
52	30.2	23.5	35.3



#42
1,2-Dichloroethane
Concen: 18.440 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016113.D
Acq: 08 May 2020 12:00

Tgt Ion:	62	Resp:	94183
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.4



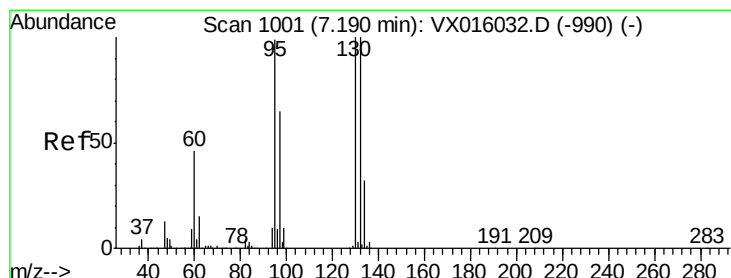
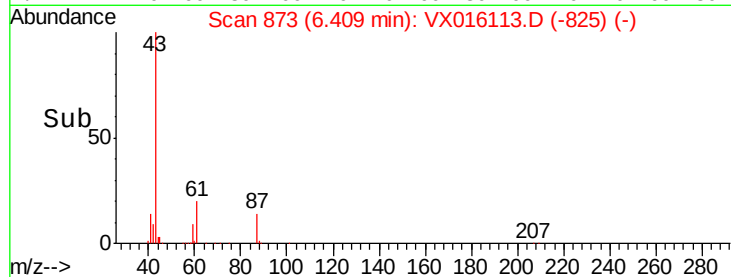
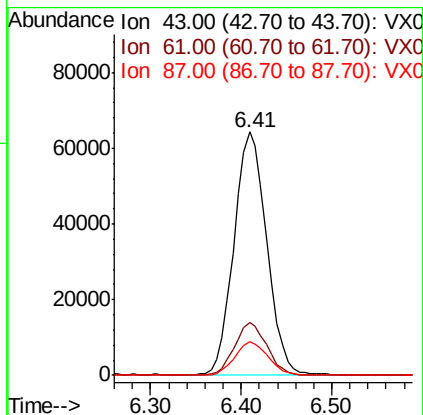
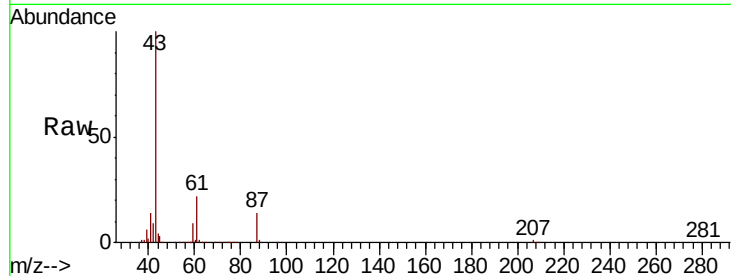


#43

Isopropyl Acetate
 Concen: 17.858 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016113.D
 Acq: 08 May 2020 12:00

Instrument :
 MSVOA_X
 ClientSampleId :

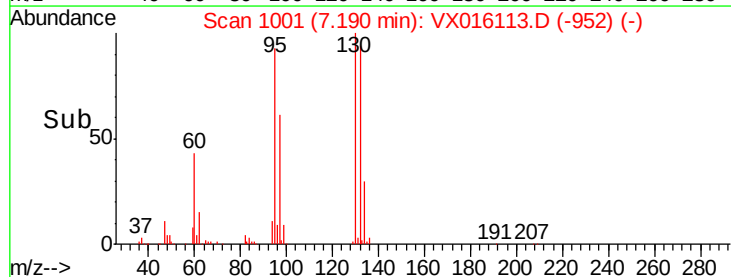
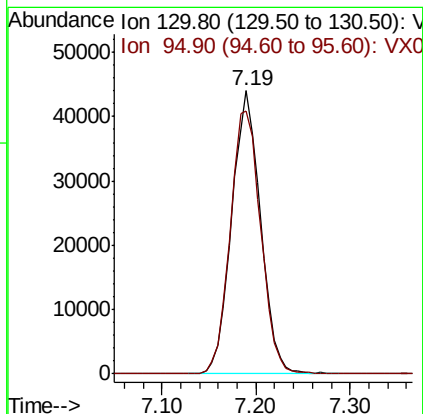
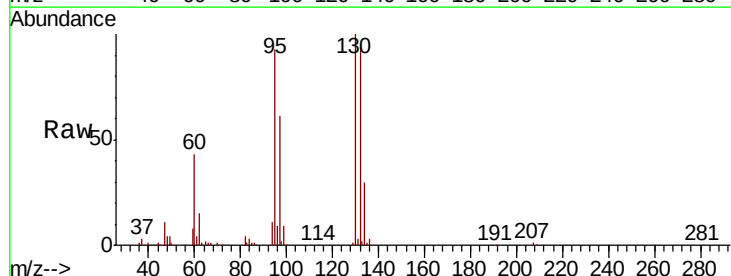
Tot Ion	43	Resp	160026
Ion Ratio	Lower	Upper	
43	100		
61	21.6	17.0	25.4
87	14.0	11.0	16.6

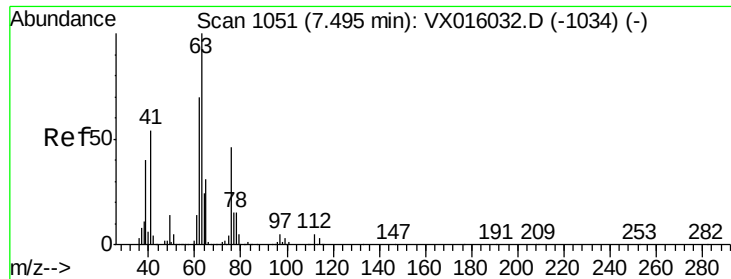


#44

Trichloroethene
 Concen: 18.619 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016113.D
 Acq: 08 May 2020 12:00

Tgt Ion	130	Resp	93785
Ion Ratio	Lower	Upper	
130	100		
95	92.9	0.0	197.4

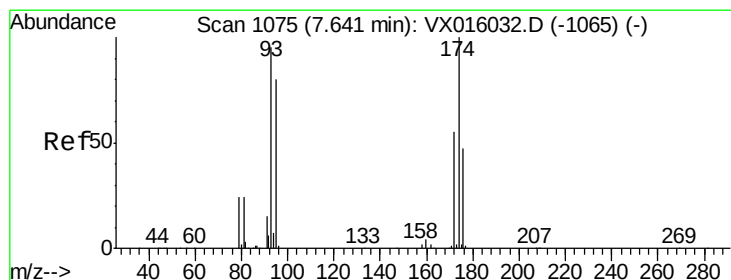
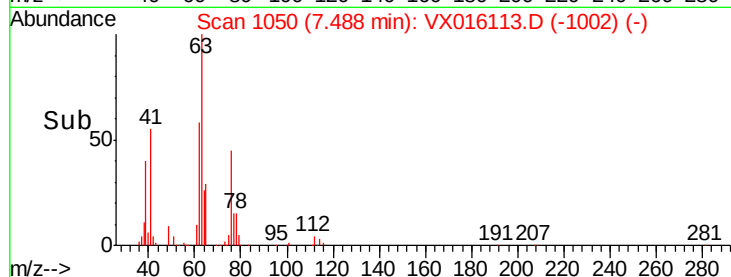
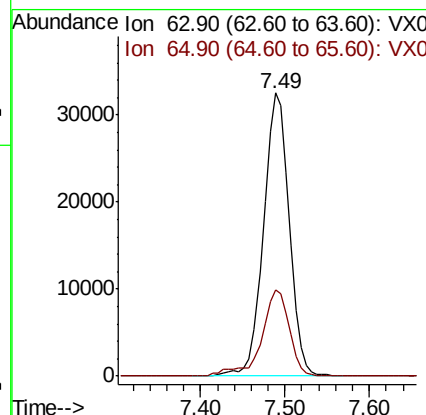
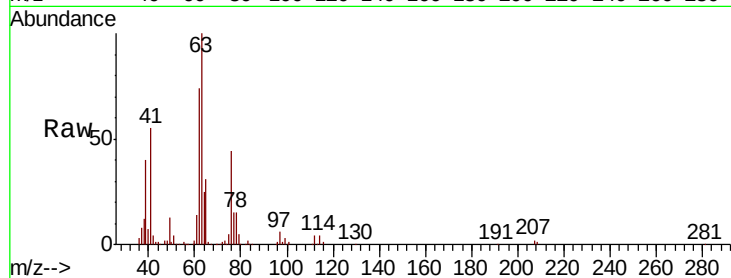




#45
 1,2-Dichloropropane
 Concen: 19.026 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016113.D
 Acq: 08 May 2020 12:00

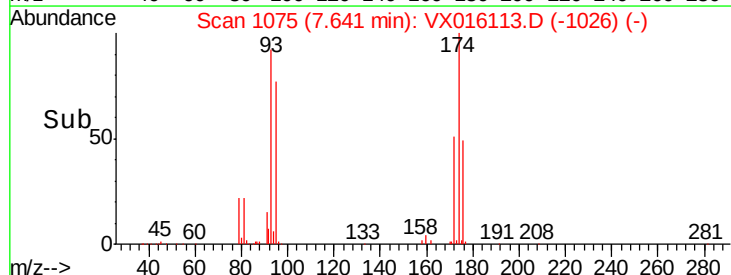
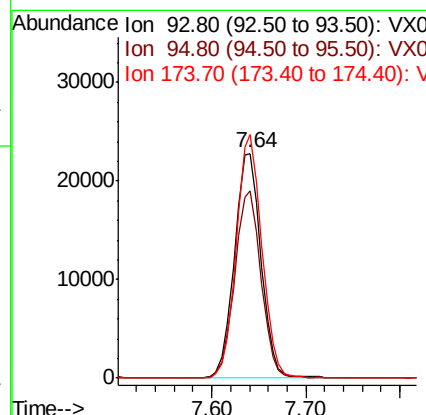
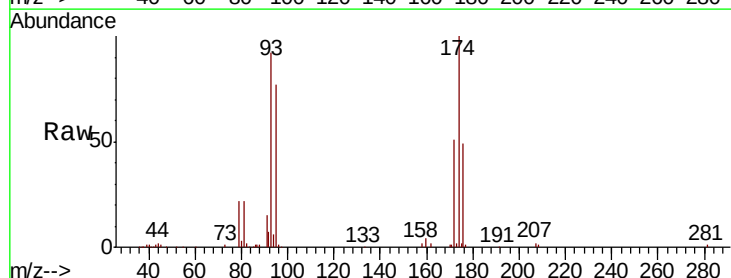
Instrument :
 MSVOA_X
 ClientSampleId :

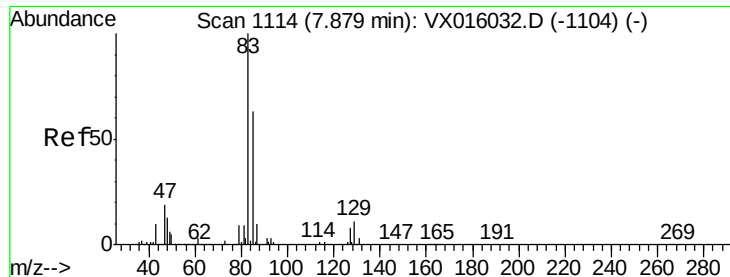
Tot Ion: 63 Resp: 68257
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.4 36.6



#46
 Dibromomethane
 Concen: 18.307 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016113.D
 Acq: 08 May 2020 12:00

Tgt Ion: 93 Resp: 44633
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.6 100.0
 174 104.5 84.2 126.4





#47

Bromodichloromethane

Concen: 18.517 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

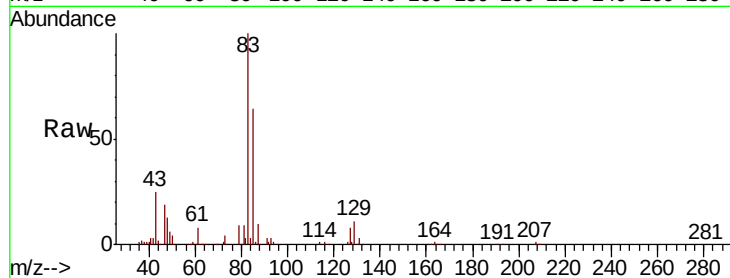
Tot Ion: 83 Resp: 91946

Ion Ratio Lower Upper

83 100

85 63.8 50.5 75.7

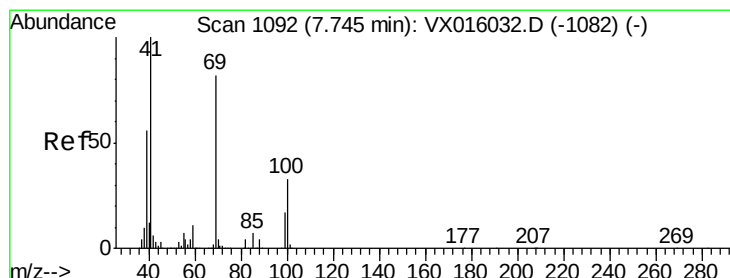
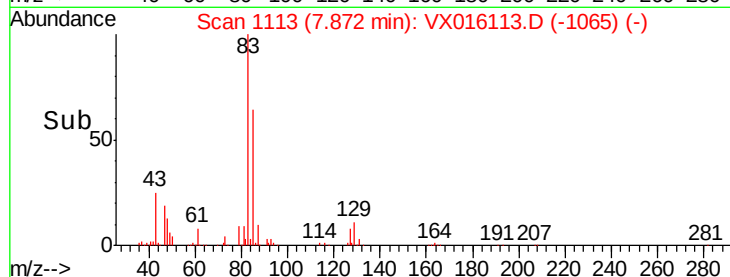
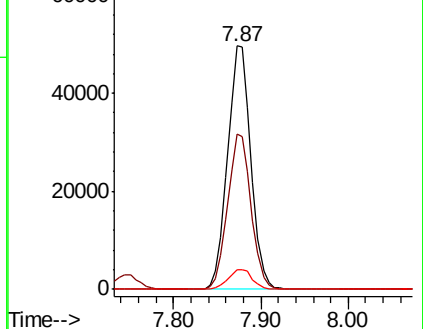
127 8.3 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): VX0



#48

Methyl methacrylate

Concen: 17.471 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

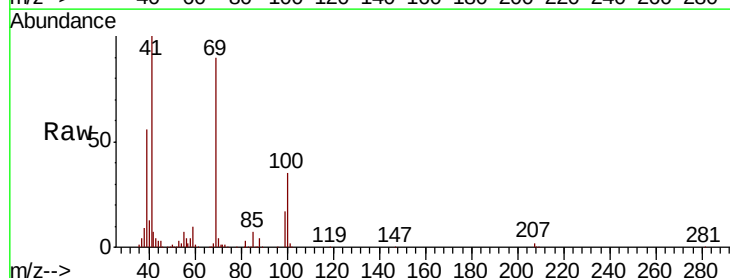
Tgt Ion: 41 Resp: 74184

Ion Ratio Lower Upper

41 100

69 86.2 67.8 101.6

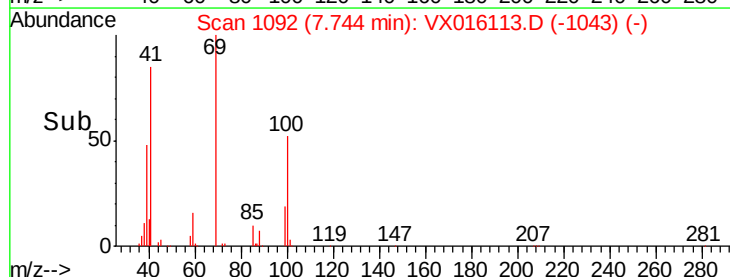
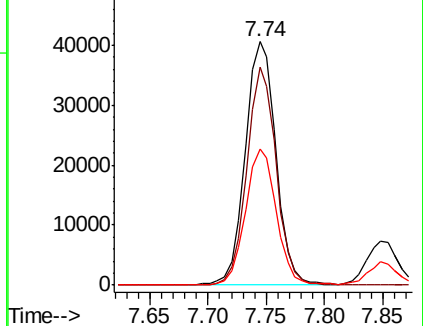
39 57.2 44.6 67.0

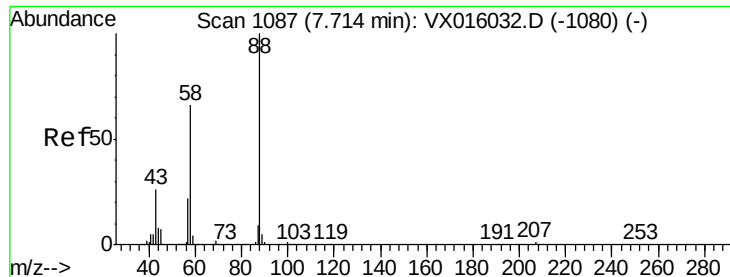


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 359.068 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

ClientSampled :

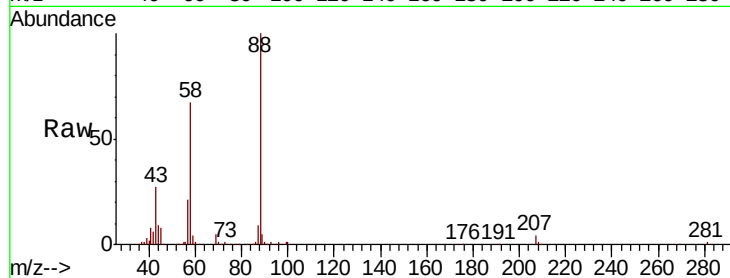
Tot Ion: 88 Resp: 36567

Ion Ratio Lower Upper

88 100

43 31.5 25.3 37.9

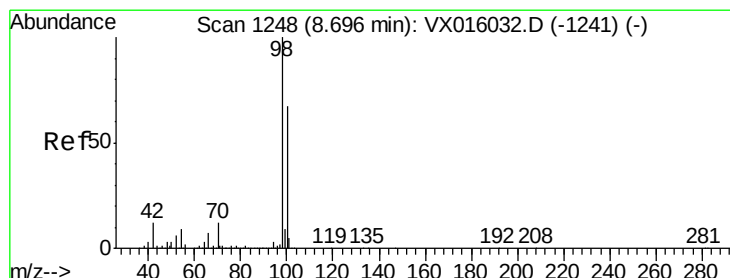
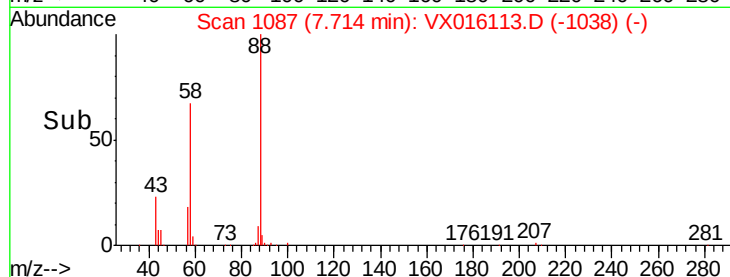
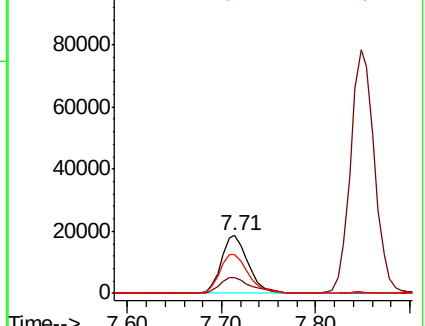
58 71.9 55.9 83.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.994 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016113.D

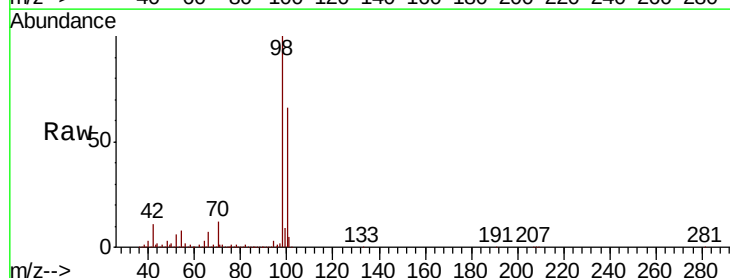
Acq: 08 May 2020 12:00

Tgt Ion: 98 Resp: 576742

Ion Ratio Lower Upper

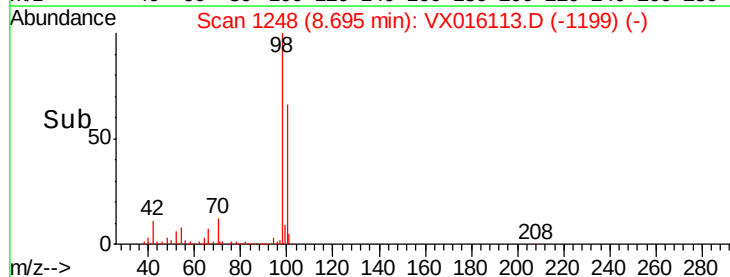
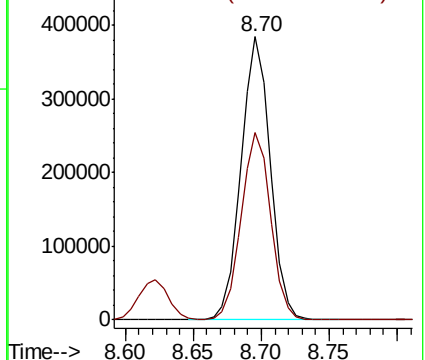
98 100

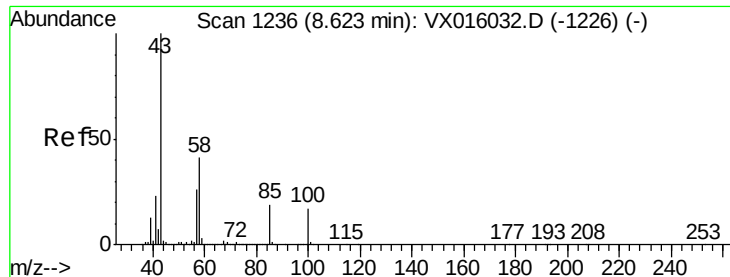
100 66.7 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 90.811 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

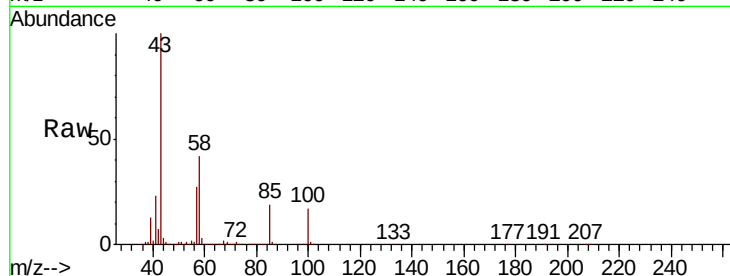
ClientSampleId :

Tot Ion: 43 Resp: 497982

Ion Ratio Lower Upper

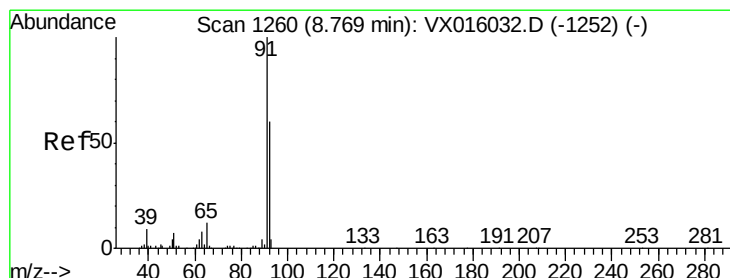
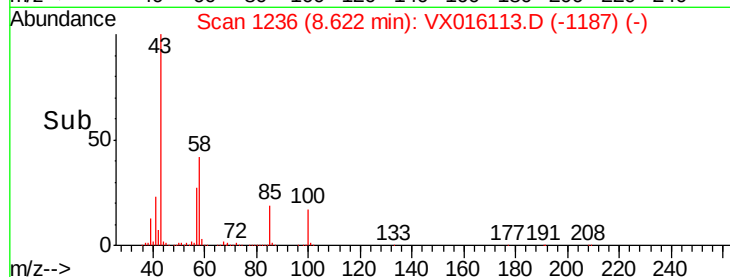
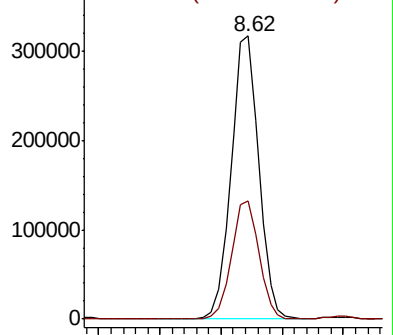
43 100

58 41.7 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.819 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016113.D

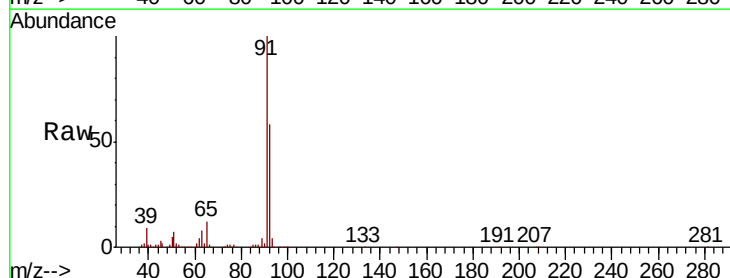
Acq: 08 May 2020 12:00

Tgt Ion: 92 Resp: 166319

Ion Ratio Lower Upper

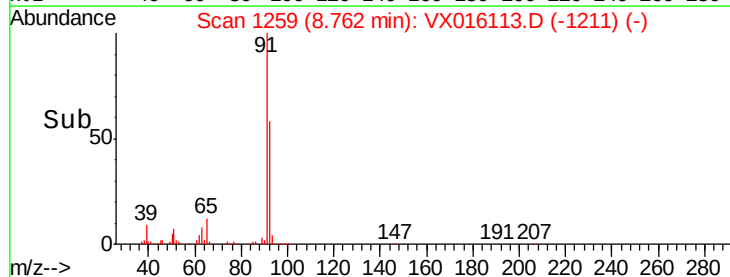
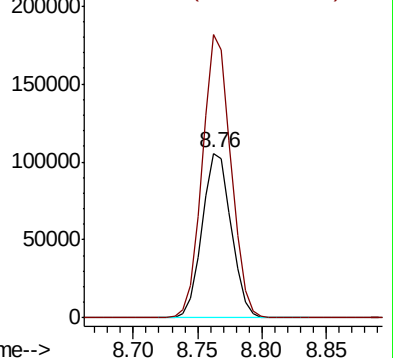
92 100

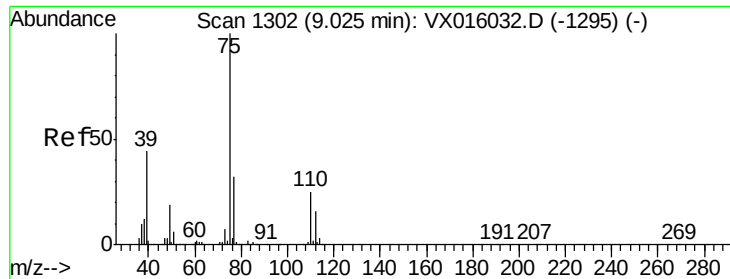
91 168.8 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.320 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

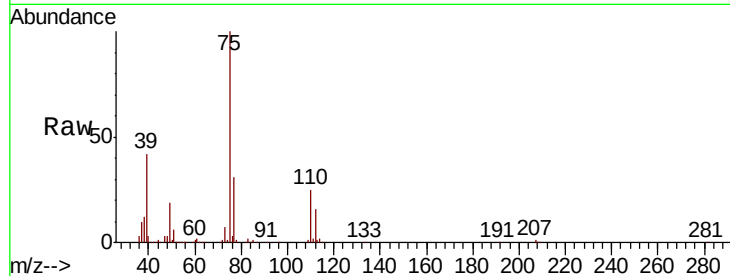
ClientSampleId :

Tot Ion: 75 Resp: 108464

Ion Ratio Lower Upper

75 100

77 31.2 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

80000

60000

40000

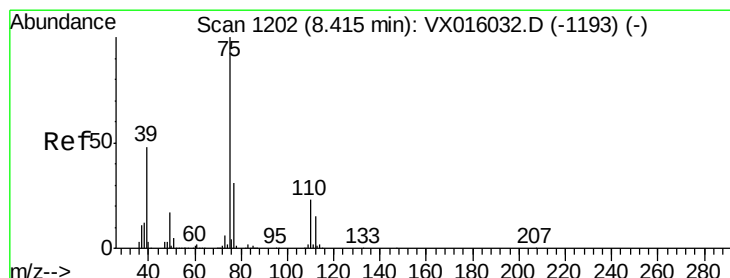
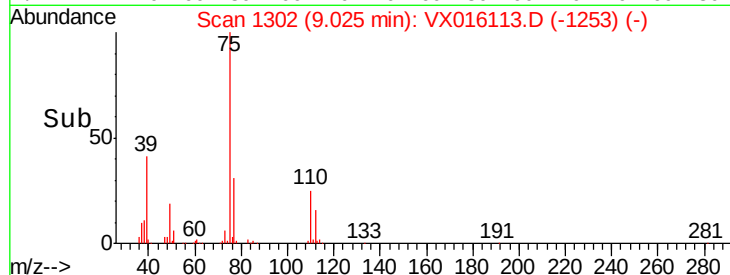
20000

0

9.02

8.90 9.00 9.10 9.20

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.388 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

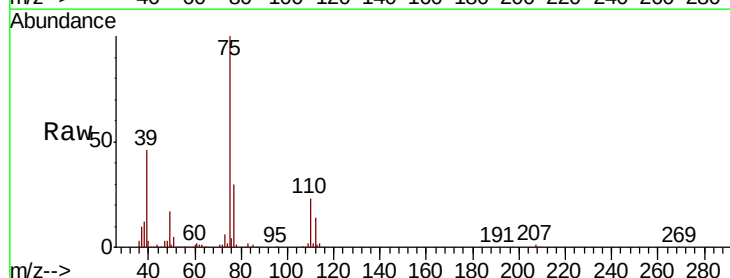
Tgt Ion: 75 Resp: 113709

Ion Ratio Lower Upper

75 100

77 30.5 24.7 37.1

39 45.4 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

100000

80000

60000

40000

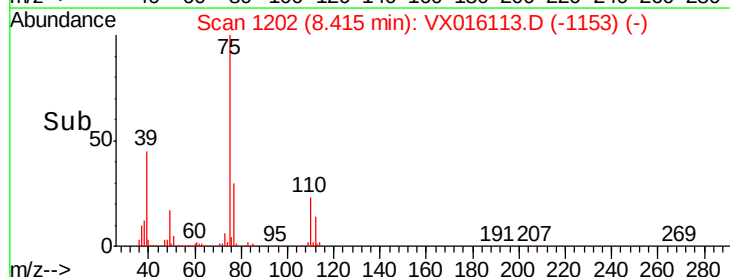
20000

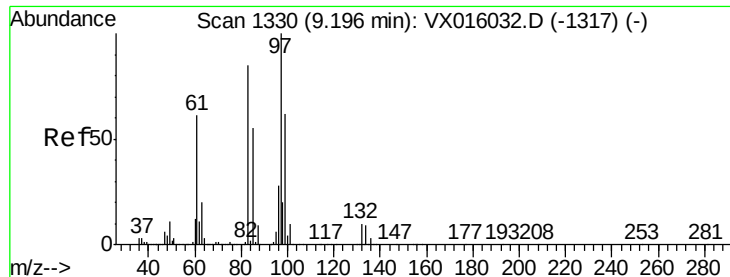
0

8.41

8.30 8.40 8.50

Time-->

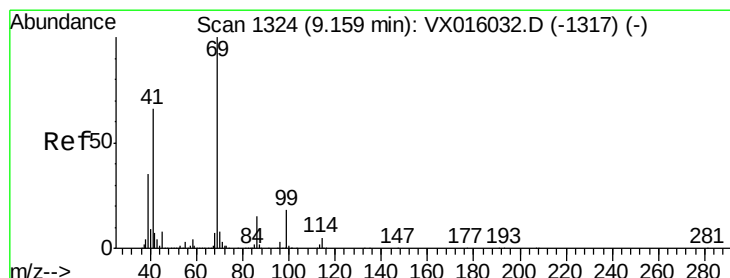
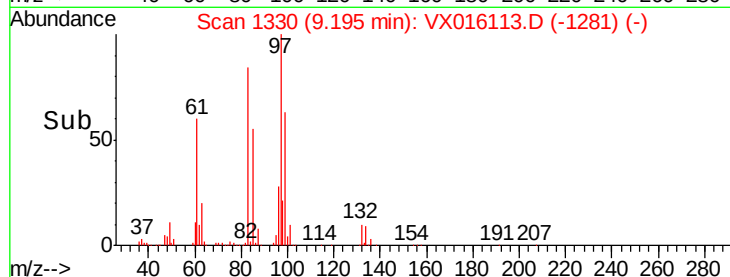
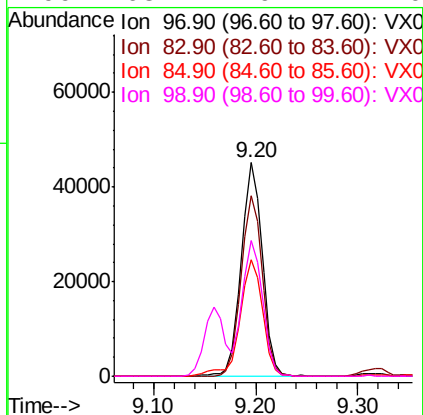
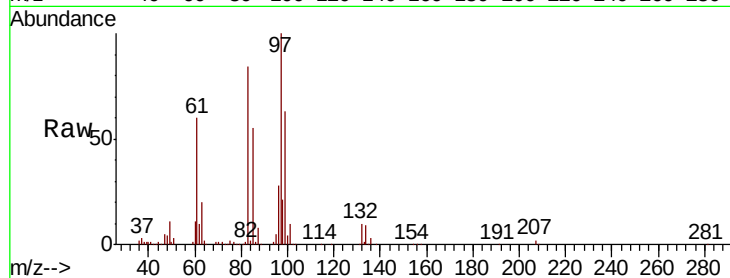




#55
 1,1,2-Trichloroethane
 Concen: 18.655 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016113.D
 Acq: 08 May 2020 12:00

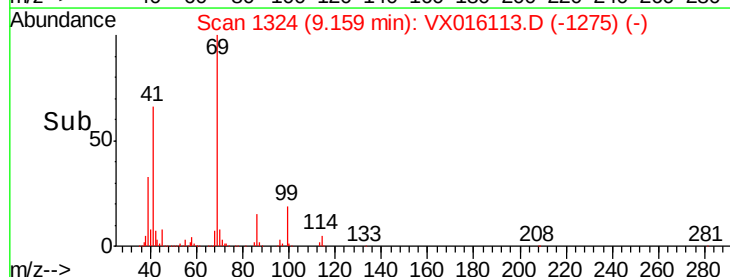
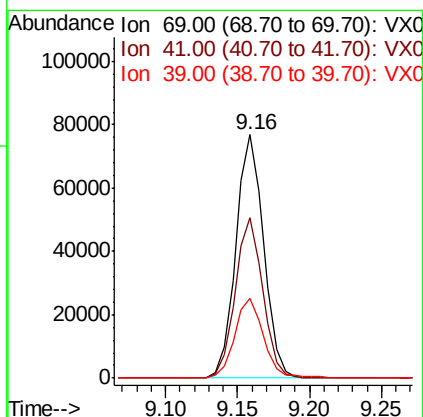
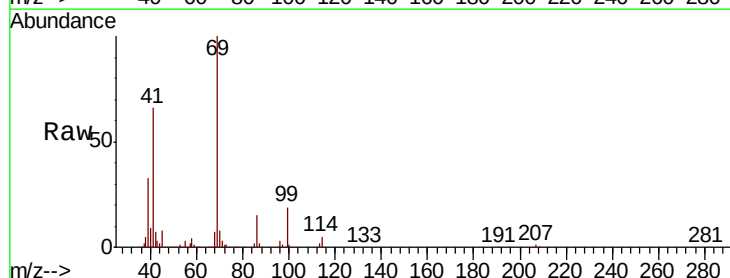
Instrument :
 MSVOA_X
 ClientSampleId :

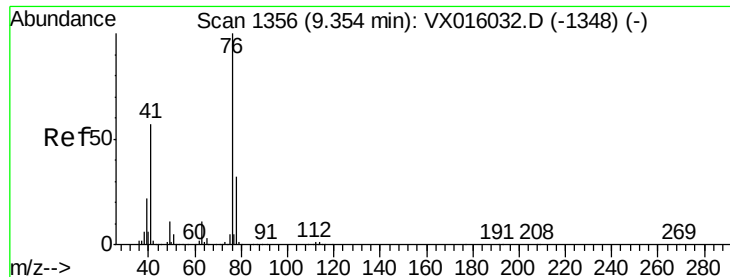
Tot Ion:	97	Resp:	64864
Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.8	101.8
85	54.6	43.8	65.8
99	63.2	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 18.182 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016113.D
 Acq: 08 May 2020 12:00

Tgt Ion:	69	Resp:	103196
Ion	Ratio	Lower	Upper
69	100		
41	65.2	52.2	78.4
39	33.9	28.2	42.4

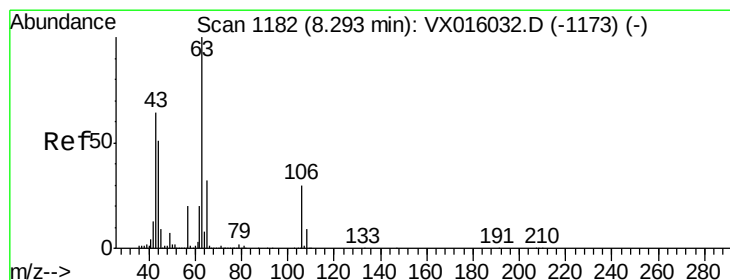
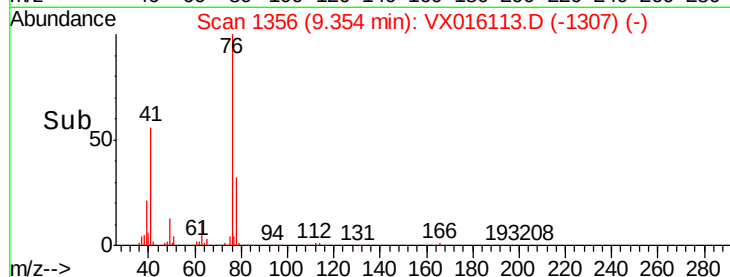
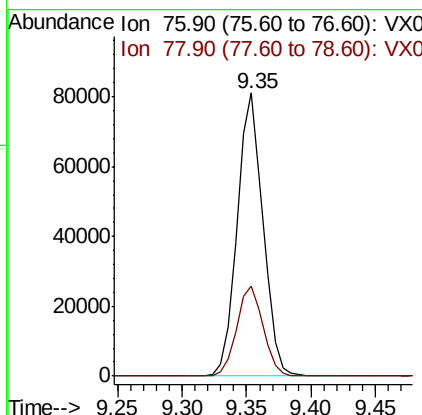
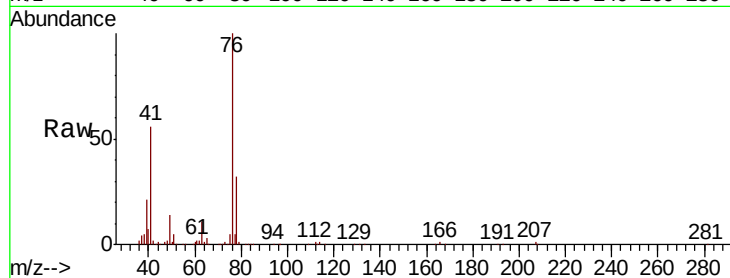




#57
 1,3-Dichloropropane
 Concen: 18.580 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016113.D
 Acq: 08 May 2020 12:00

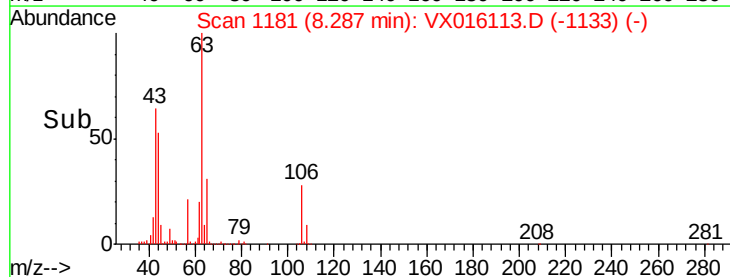
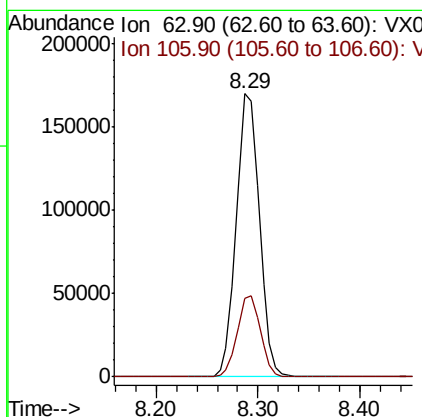
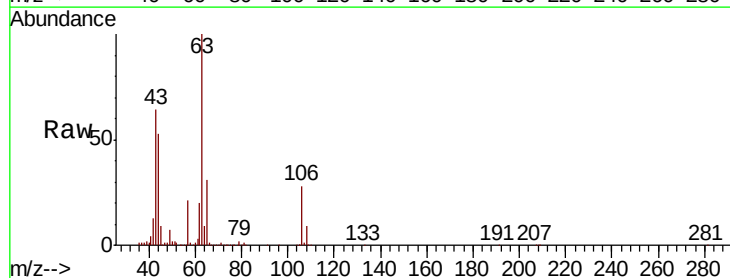
Instrument :
 MSVOA_X
 ClientSampleId :

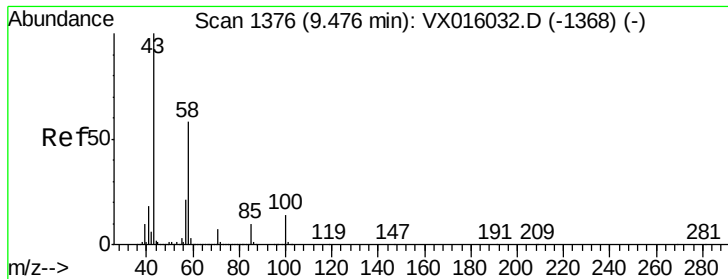
Tot Ion: 76 Resp: 112729
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 87.951 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX016113.D
 Acq: 08 May 2020 12:00

Tgt Ion: 63 Resp: 265751
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.4 35.2

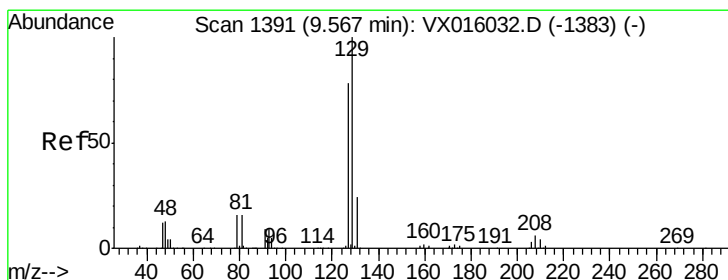
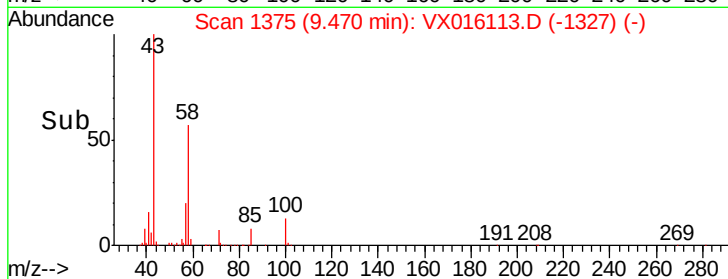
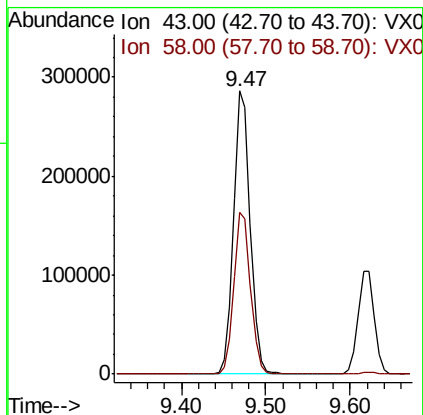
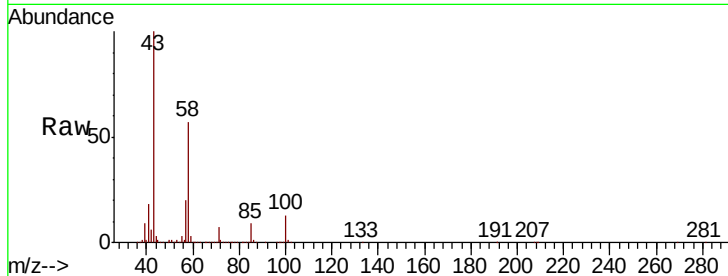




#59
2-Hexanone
Concen: 89.131 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016113.D
Acq: 08 May 2020 12:00

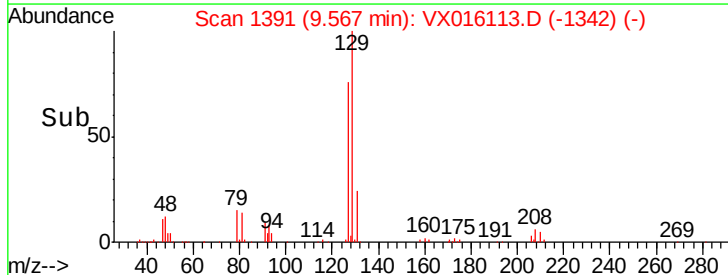
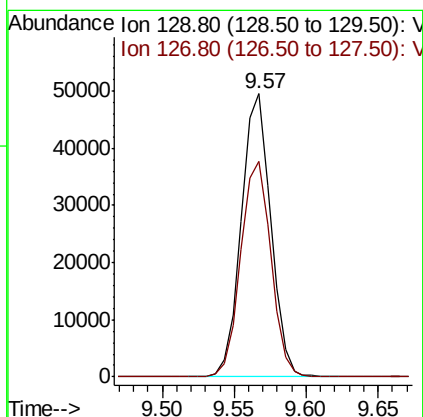
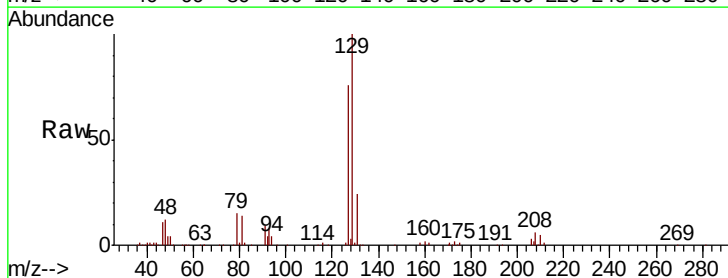
Instrument :
MSVOA_X
ClientSampleId :

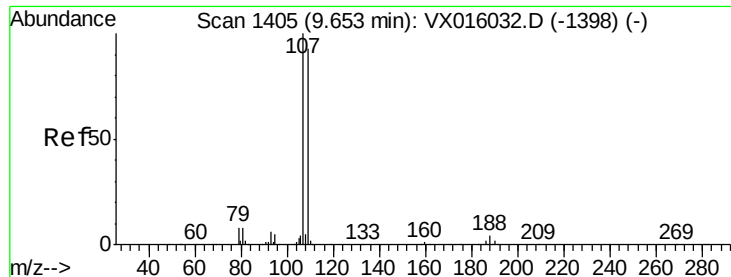
Tot Ion: 43 Resp: 383841
Ion Ratio Lower Upper
43 100
58 57.4 28.6 85.9



#60
Dibromochloromethane
Concen: 18.379 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016113.D
Acq: 08 May 2020 12:00

Tgt Ion: 129 Resp: 70383
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.501 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

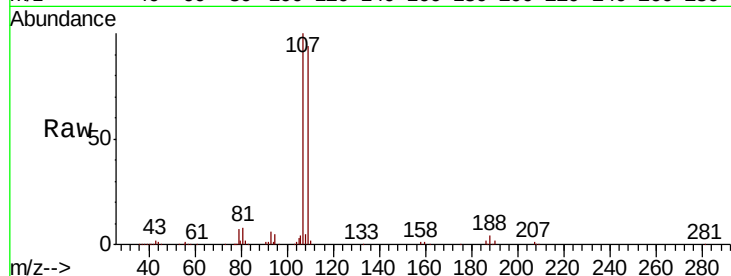
ClientSampled :

Tot Ion:107 Resp: 69680

Ion Ratio Lower Upper

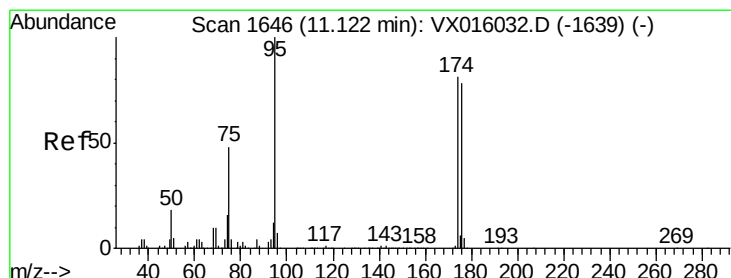
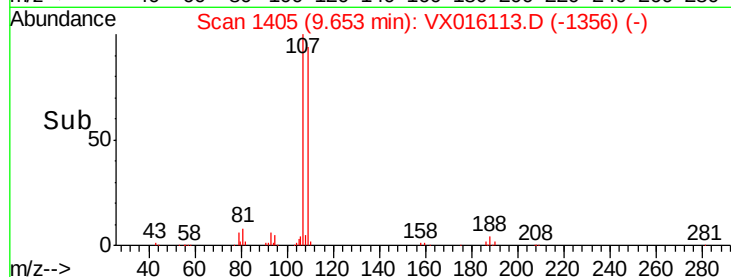
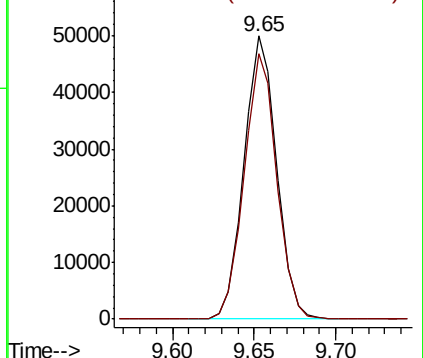
107 100

109 93.8 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.286 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

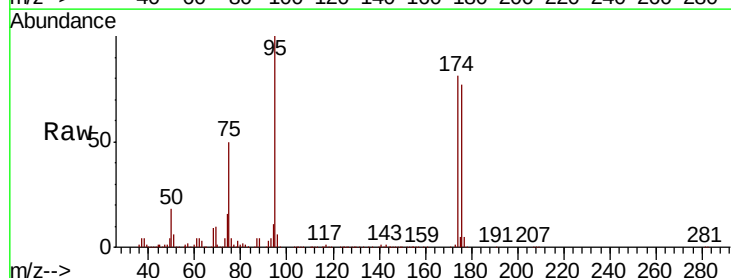
Tgt Ion: 95 Resp: 216130

Ion Ratio Lower Upper

95 100

174 80.4 0.0 159.4

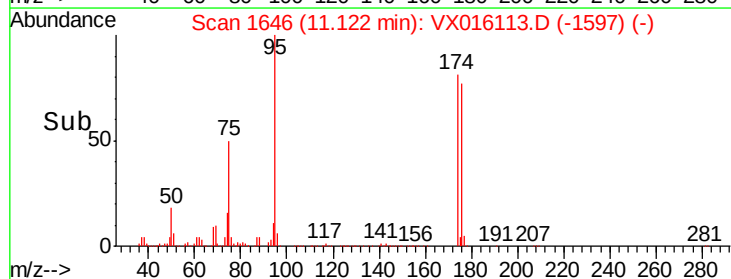
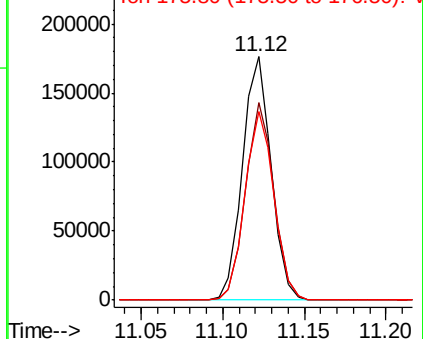
176 78.4 0.0 157.6

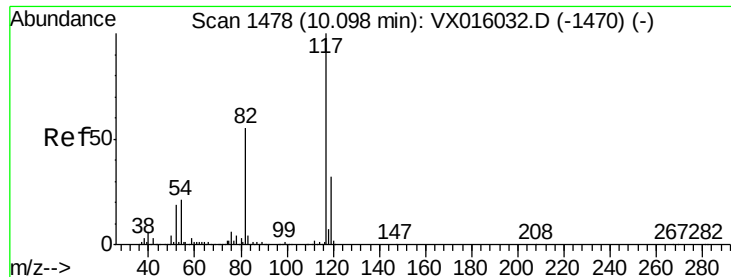


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

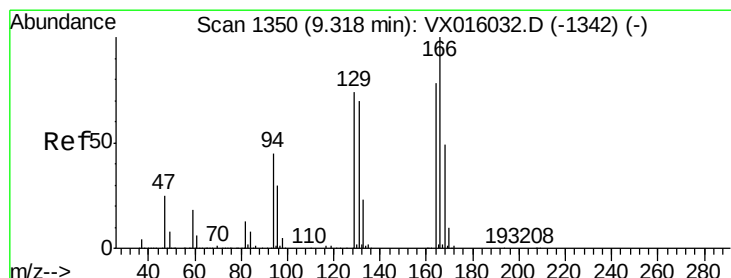
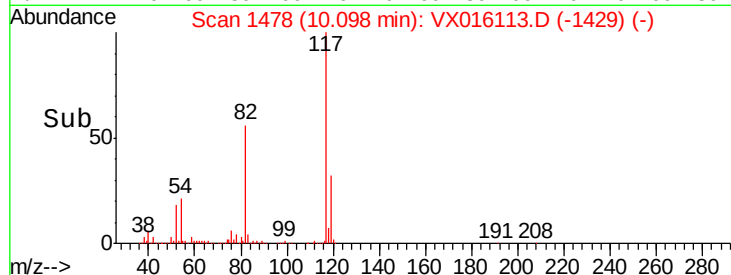
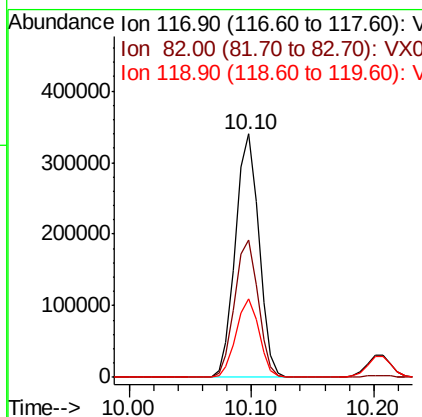
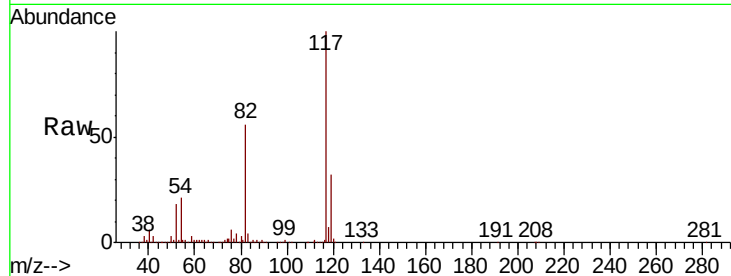




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016113.D
Acq: 08 May 2020 12:00

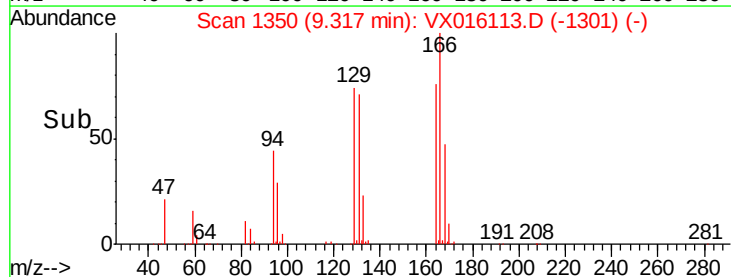
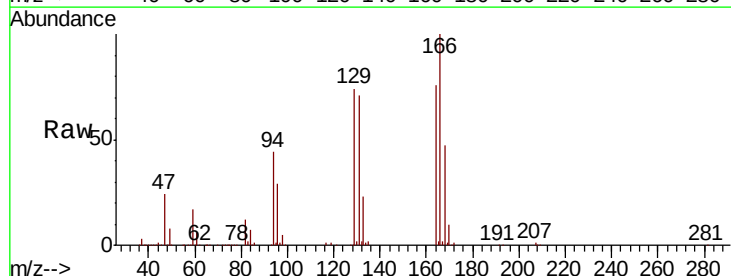
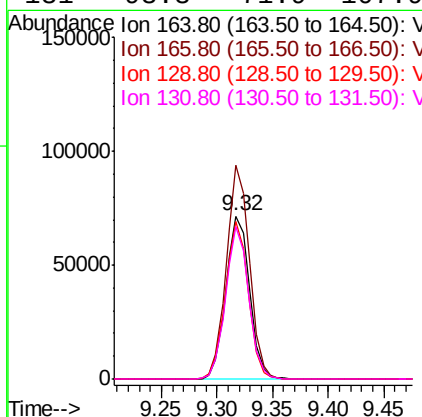
Instrument :
MSVOA_X
ClientSampled :

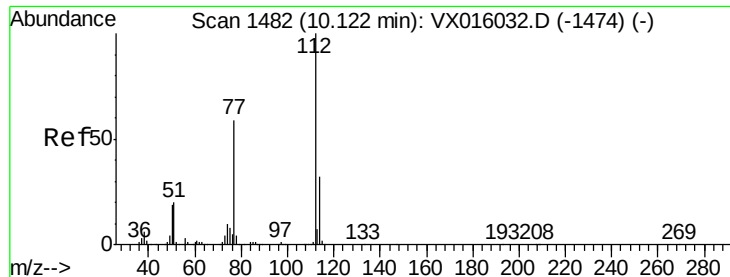
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.4	66.6
119	32.1	25.5	38.3



#64
Tetrachloroethene
Concen: 18.964 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016113.D
Acq: 08 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.0	102.9	154.3
129	96.4	76.1	114.1
131	93.3	71.9	107.9





#65

Chlorobenzene

Concen: 18.495 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

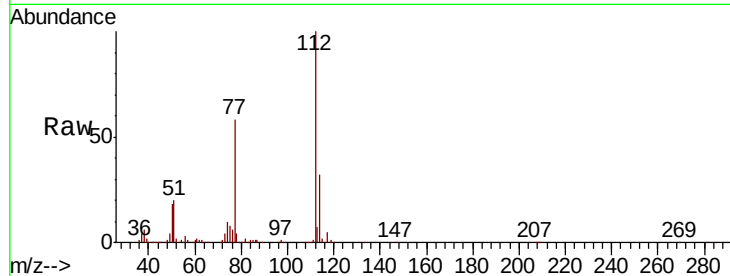
ClientSampleId :

Tot Ion:112 Resp: 174873

Ion Ratio Lower Upper

112 100

114 32.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

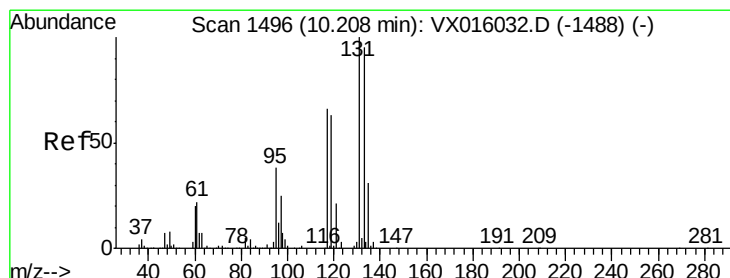
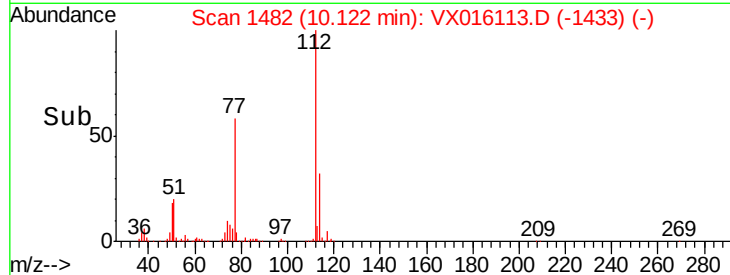
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.597 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

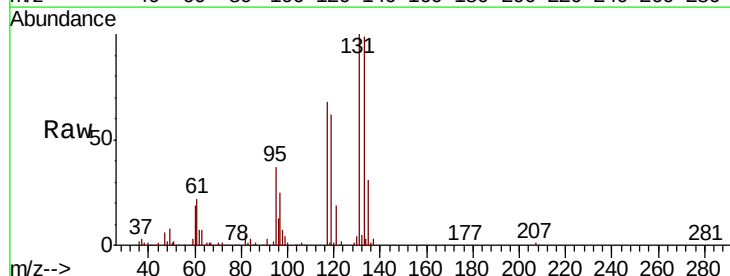
Tgt Ion:131 Resp: 64991

Ion Ratio Lower Upper

131 100

133 96.3 48.3 144.8

119 62.6 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

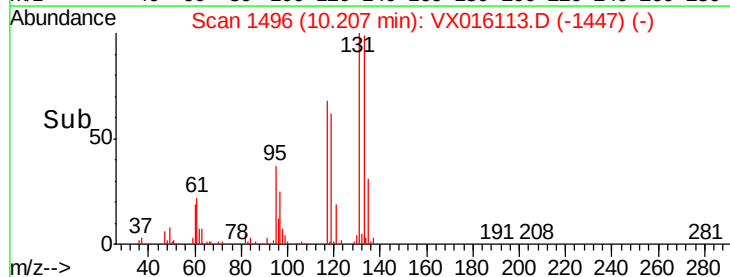
150000

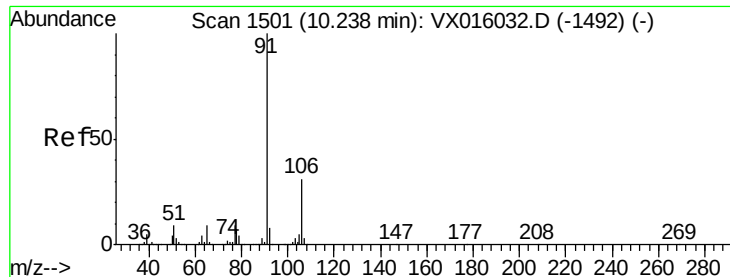
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 18.744 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

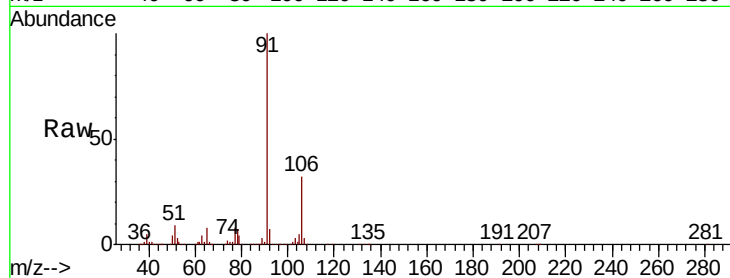
ClientSampleId :

Tot Ion: 91 Resp: 316222

Ion Ratio Lower Upper

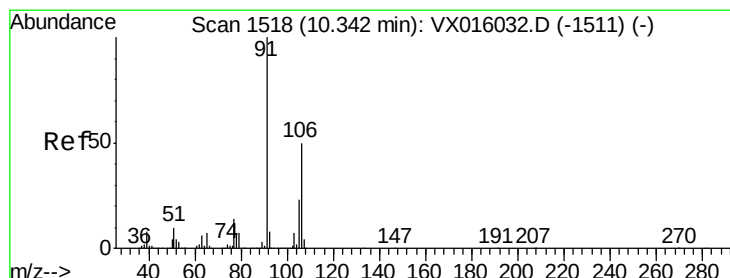
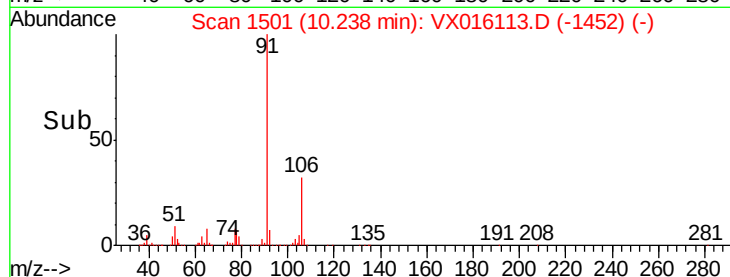
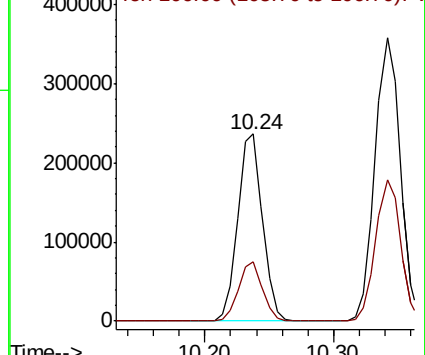
91 100

106 31.8 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.893 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016113.D

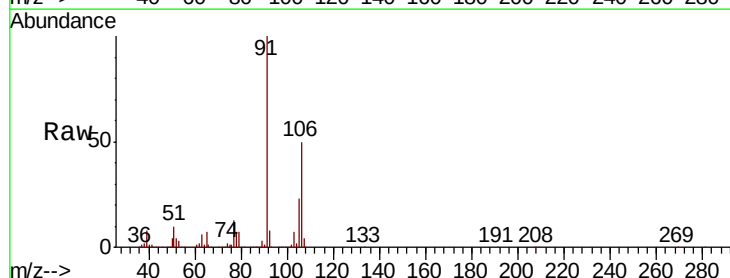
Acq: 08 May 2020 12:00

Tgt Ion: 106 Resp: 239506

Ion Ratio Lower Upper

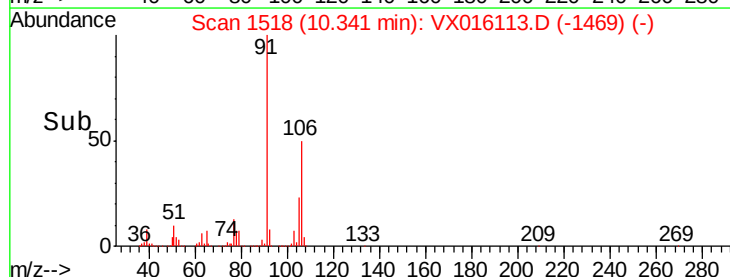
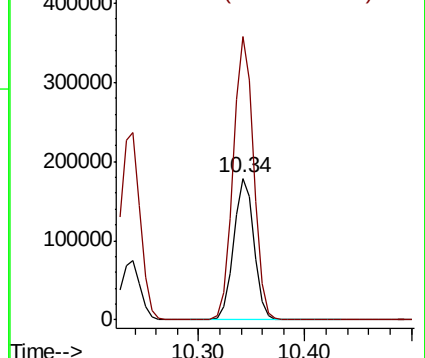
106 100

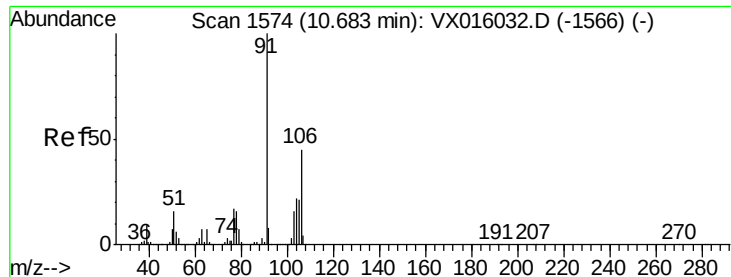
91 201.1 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

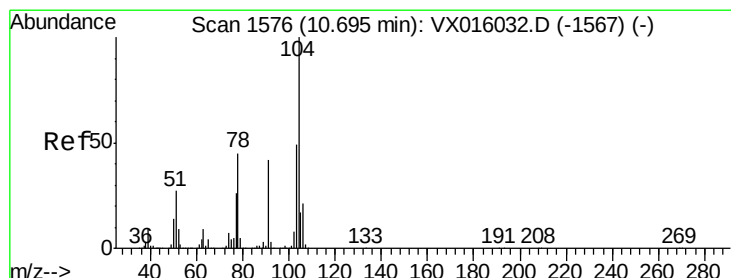
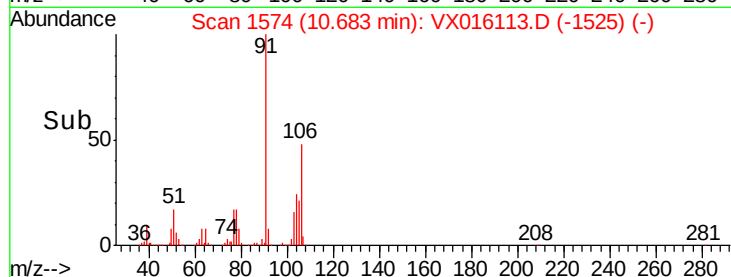
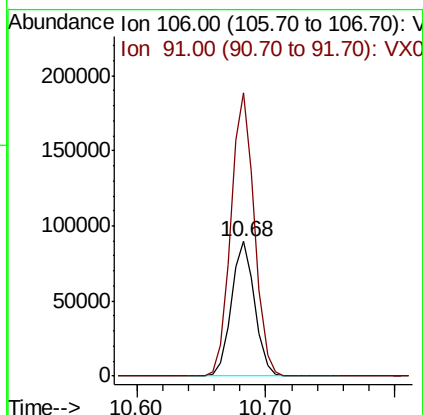
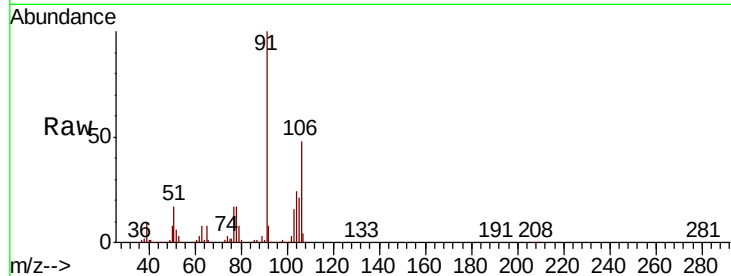




#69
o-Xylene
Concen: 18.634 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016113.D
Acq: 08 May 2020 12:00

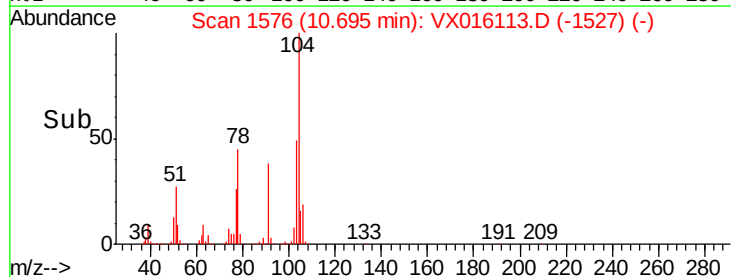
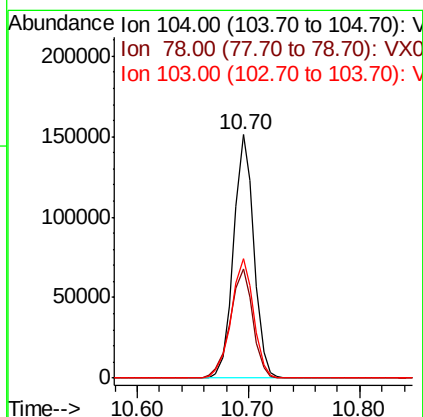
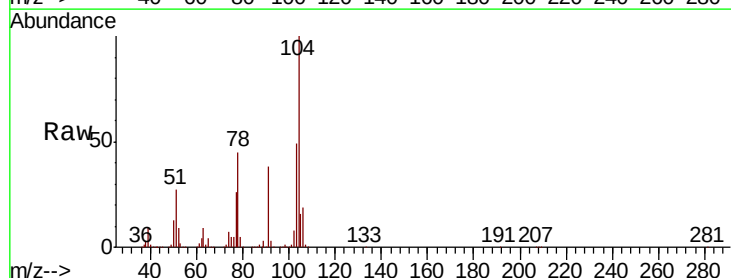
Instrument :
MSVOA_X
ClientSampleId :

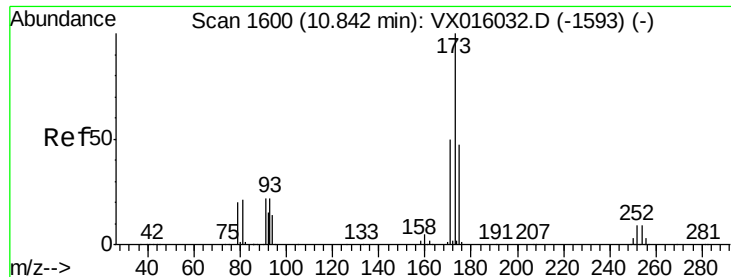
Tot Ion:106 Resp: 113212
Ion Ratio Lower Upper
106 100
91 212.3 107.5 322.6



#70
Styrene
Concen: 18.504 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016113.D
Acq: 08 May 2020 12:00

Tgt Ion:104 Resp: 190732
Ion Ratio Lower Upper
104 100
78 50.3 40.2 60.2
103 54.2 43.0 64.6





#71

Bromoform

Concen: 18.156 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

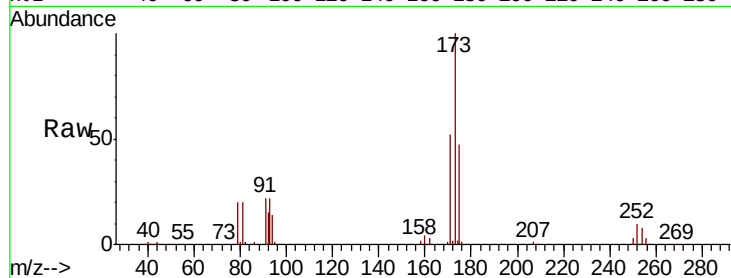
Tot Ion:173 Resp: 51693

Ion Ratio Lower Upper

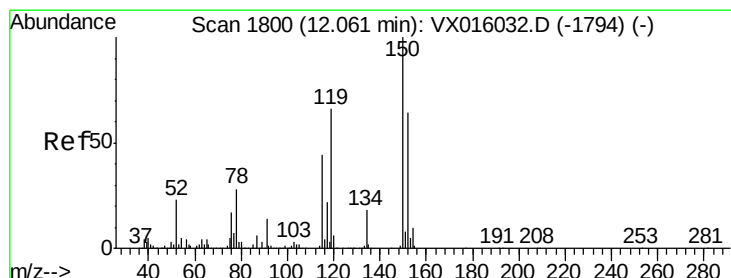
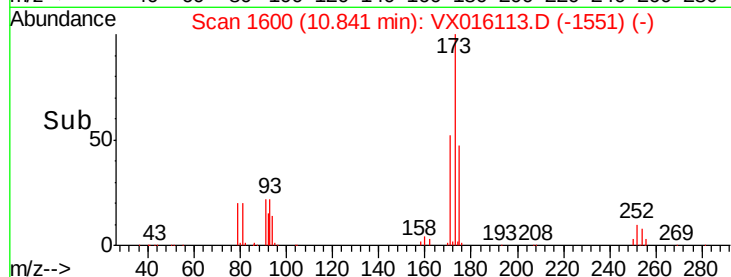
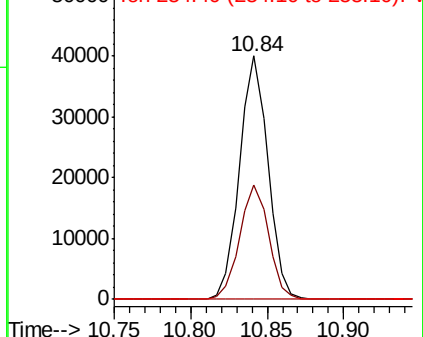
173 100

175 48.1 24.0 72.0

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

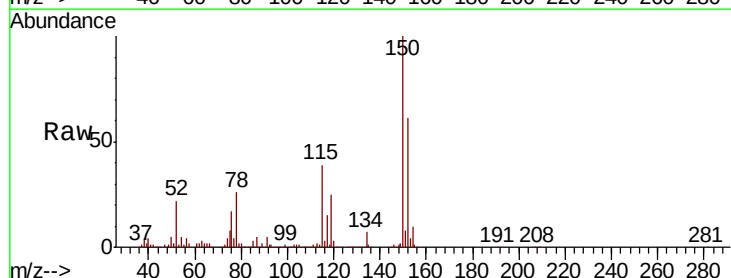
Tgt Ion:152 Resp: 222478

Ion Ratio Lower Upper

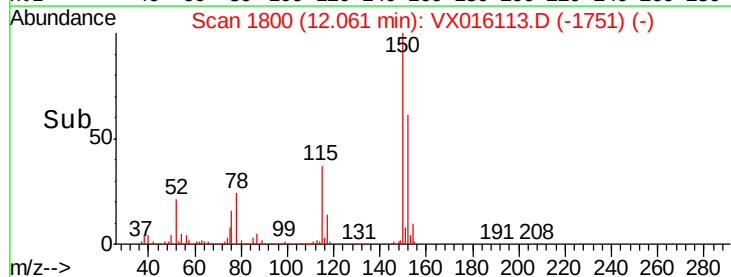
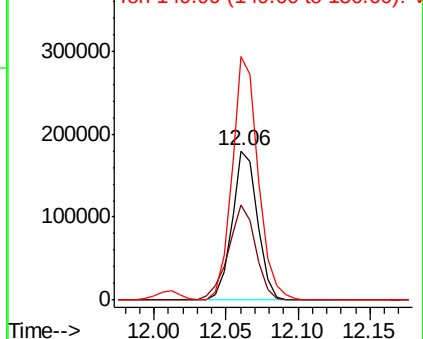
152 100

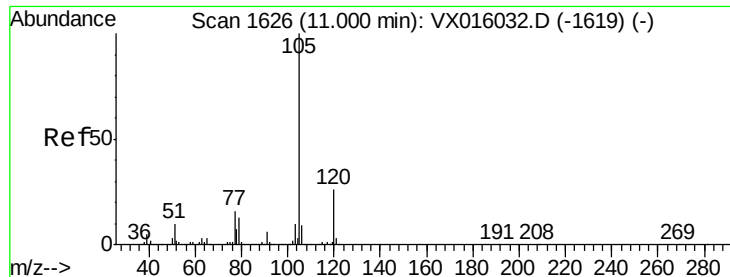
115 68.3 41.3 124.1

150 167.2 0.0 352.2



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





#73

Isopropylbenzene

Concen: 18.989 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

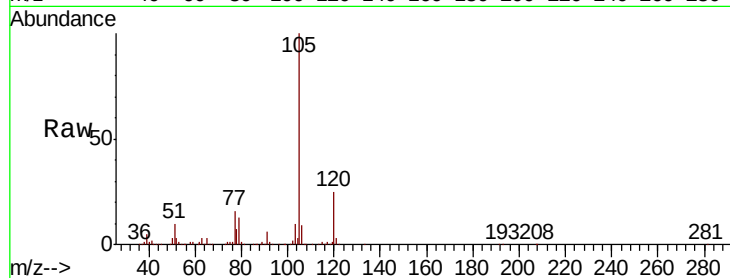
ClientSampled :

Tot Ion: 105 Resp: 307278

Ion Ratio Lower Upper

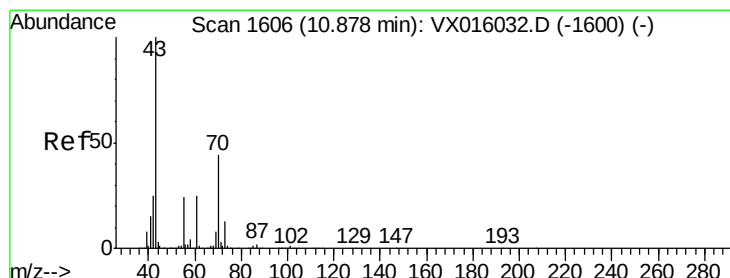
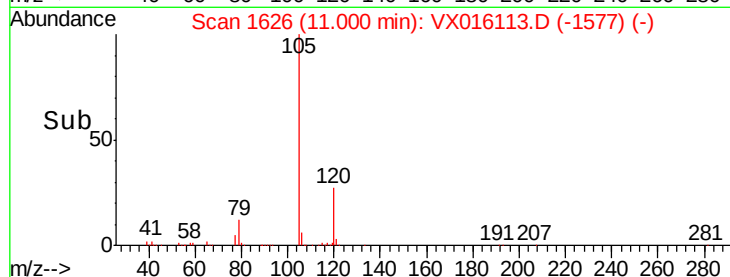
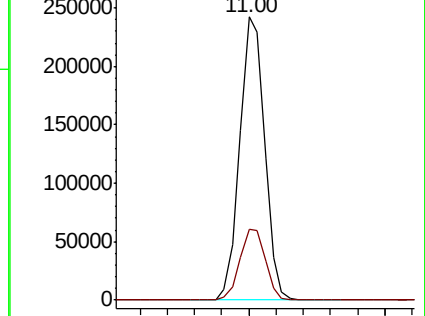
105 100

120 25.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.750 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Tgt Ion: 43 Resp: 133977

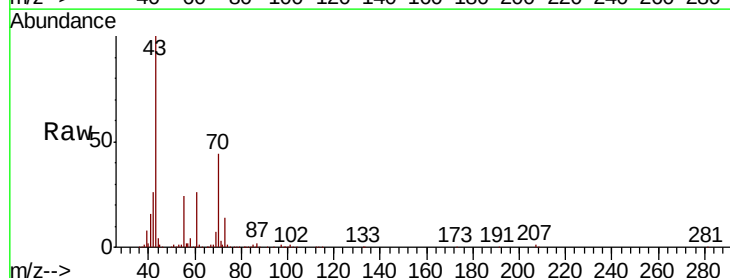
Ion Ratio Lower Upper

43 100

70 45.4 36.5 54.7

55 25.5 19.7 29.5

61 26.1 20.9 31.3

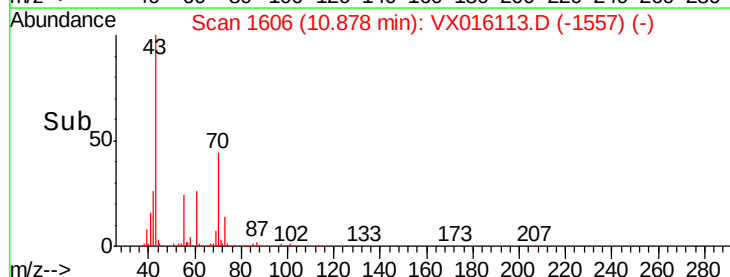
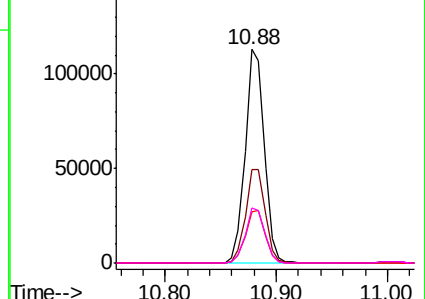


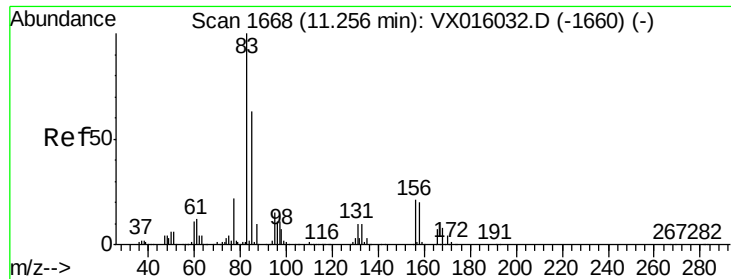
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.102 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

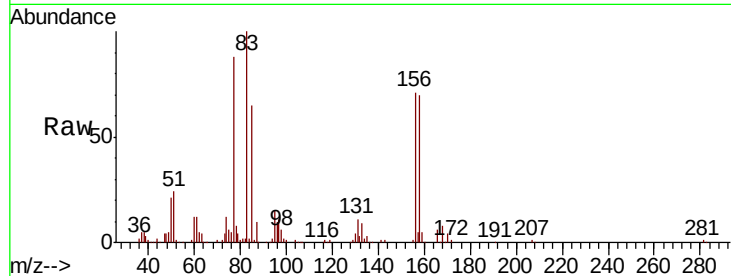
Tot Ion: 83 Resp: 49976

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.4

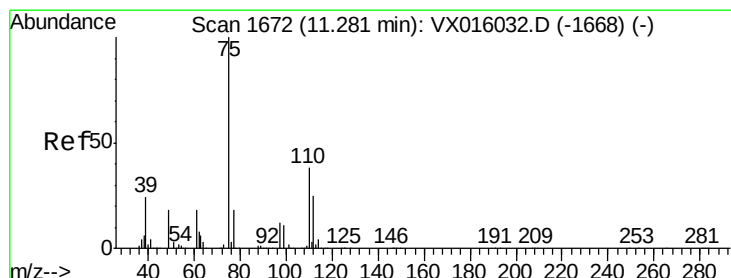
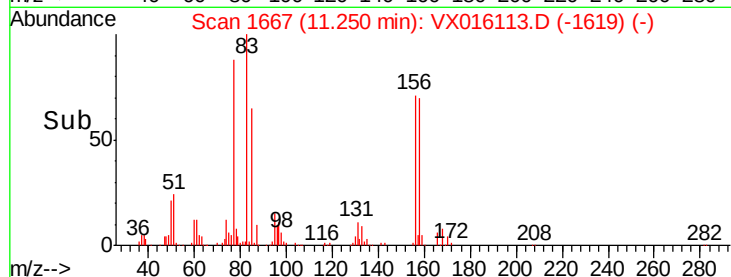
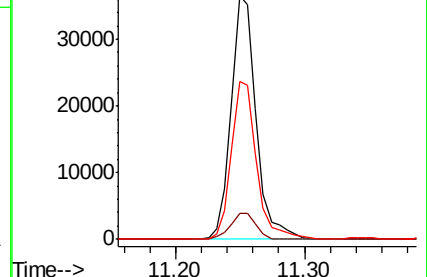
85 65.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.553 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016113.D

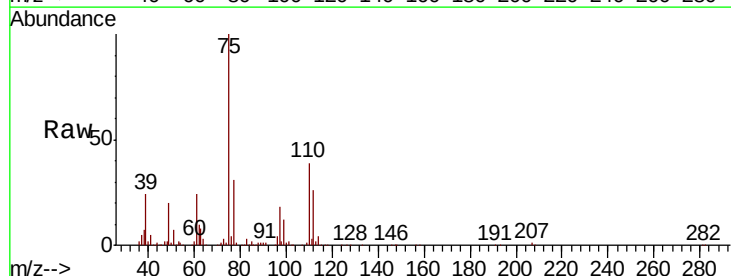
Acq: 08 May 2020 12:00

Tgt Ion: 75 Resp: 123959

Ion Ratio Lower Upper

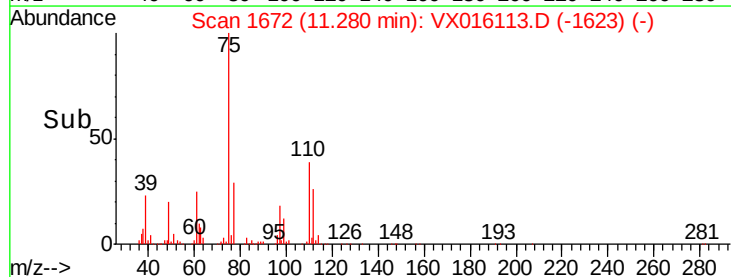
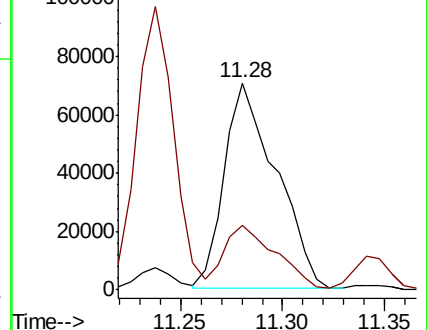
75 100

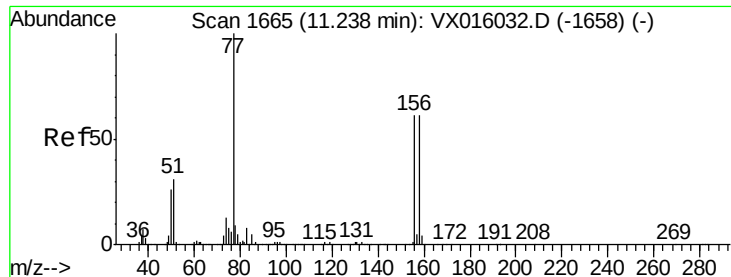
77 31.5 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.091 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

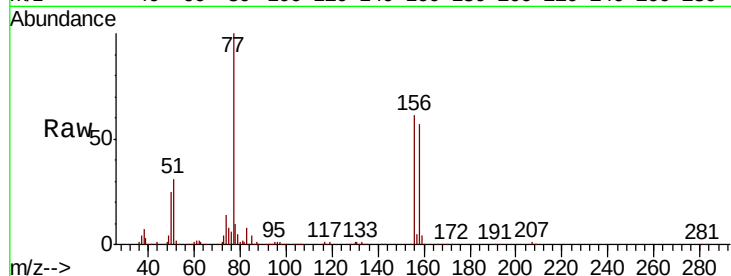
Tot Ion:156 Resp: 75560

Ion Ratio Lower Upper

156 100

77 163.1 80.1 240.3

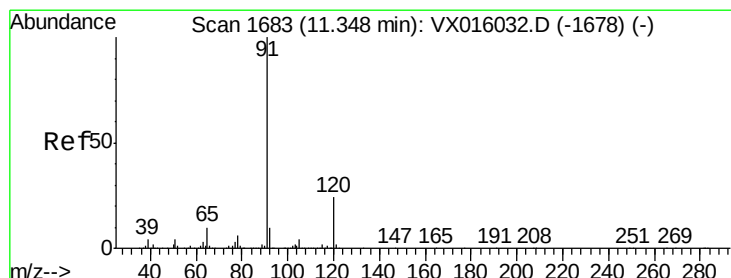
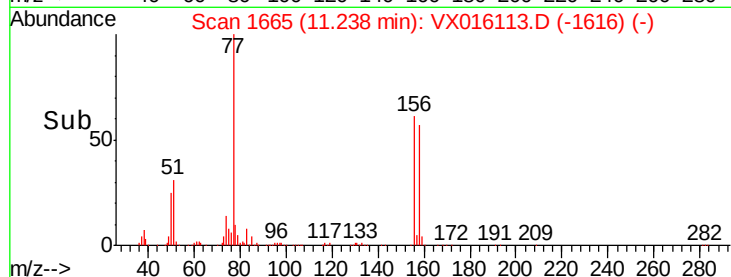
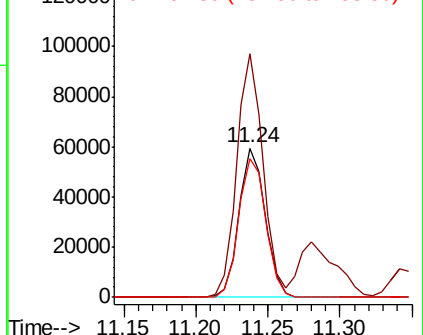
158 96.2 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.735 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016113.D

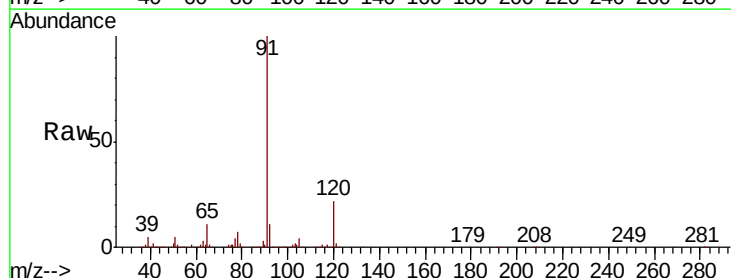
Acq: 08 May 2020 12:00

Tgt Ion: 91 Resp: 352679

Ion Ratio Lower Upper

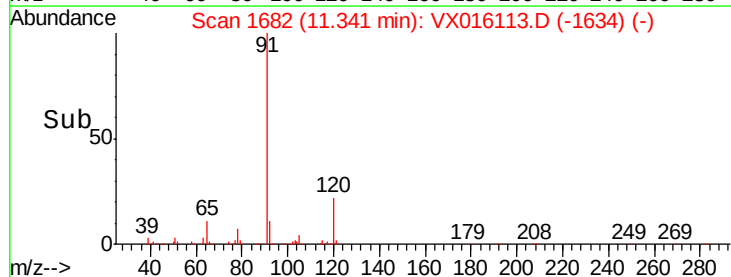
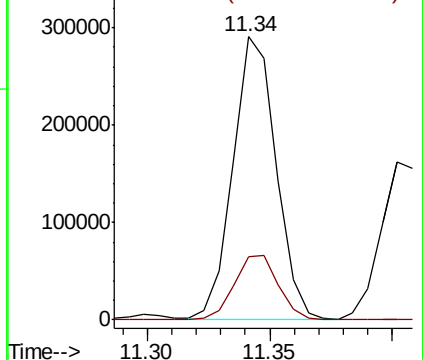
91 100

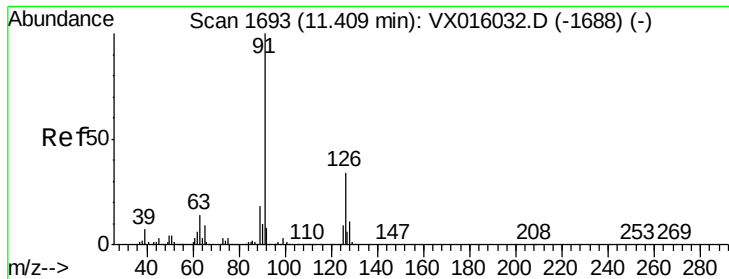
120 23.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.774 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

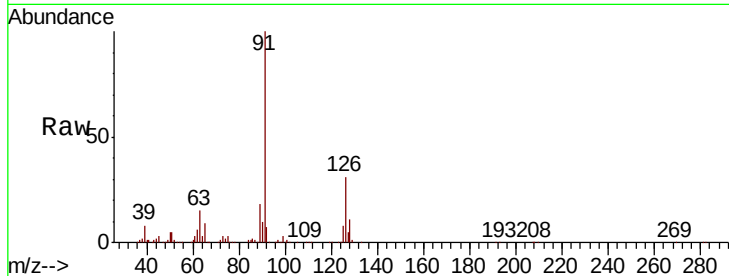
ClientSampleId :

Tot Ion: 91 Resp: 208613

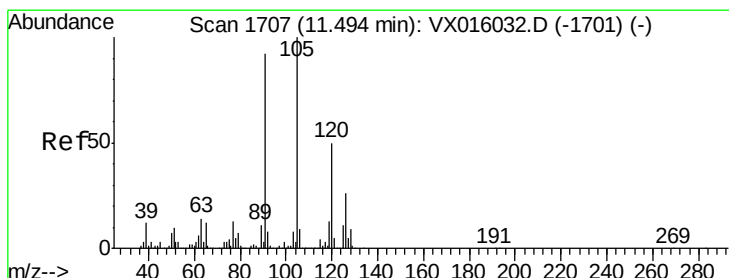
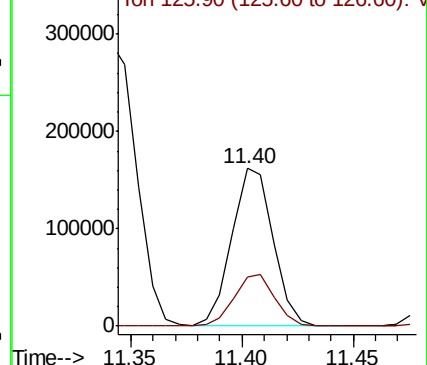
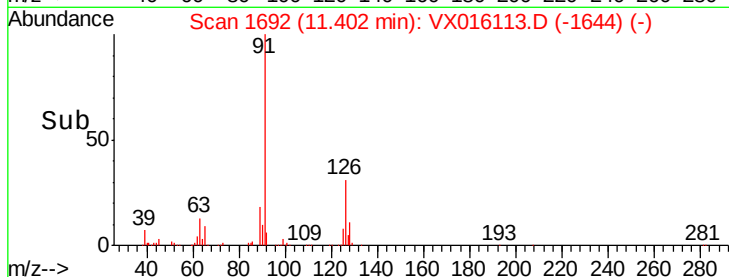
Ion Ratio Lower Upper

91 100

126 32.7 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX016113.D (-1644) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.841 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016113.D

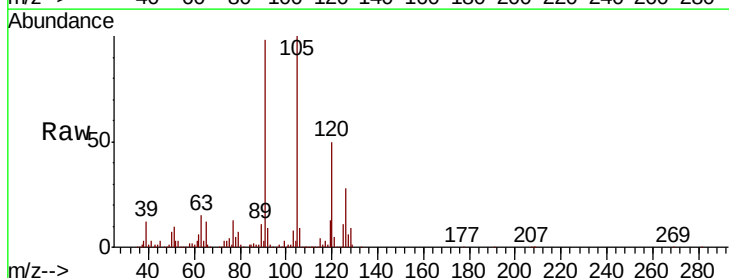
Acq: 08 May 2020 12:00

Tgt Ion: 105 Resp: 257416

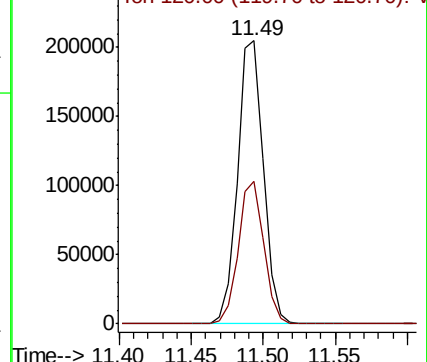
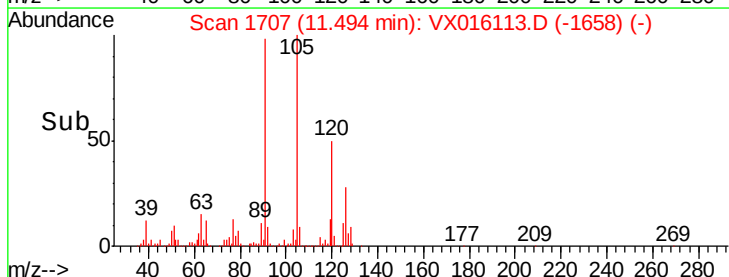
Ion Ratio Lower Upper

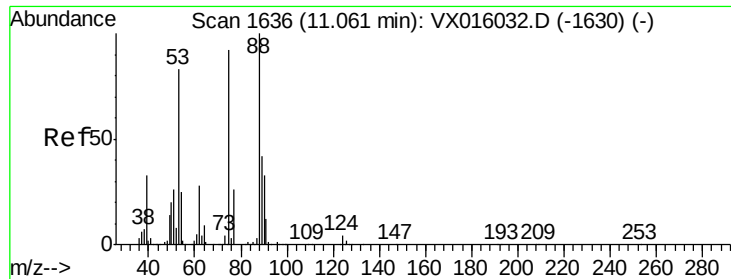
105 100

120 49.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016113.D (-1658) (-)

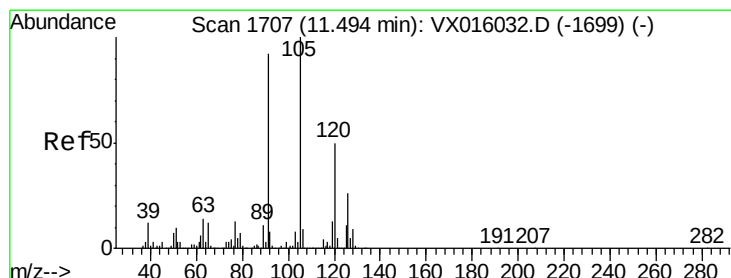
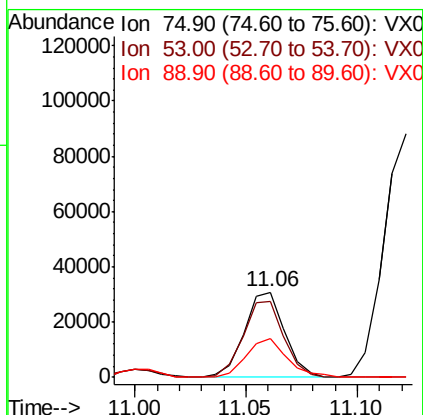
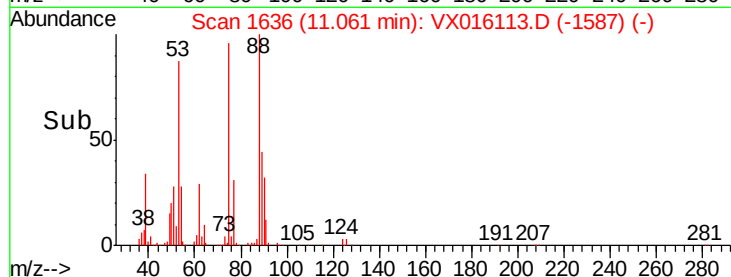
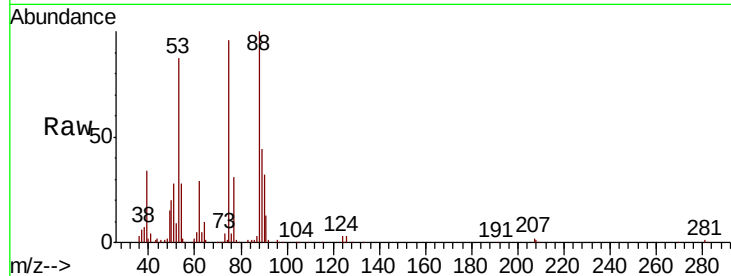




#81
trans-1,4-Dichloro-2-butene
Concen: 18.140 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016113.D
Acq: 08 May 2020 12:00

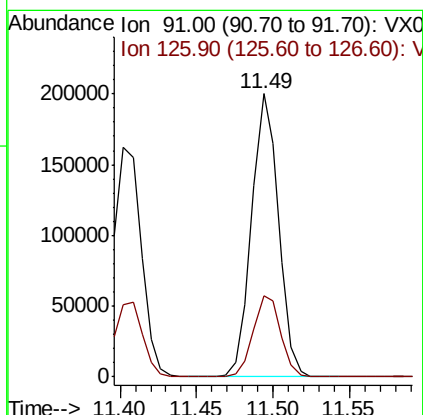
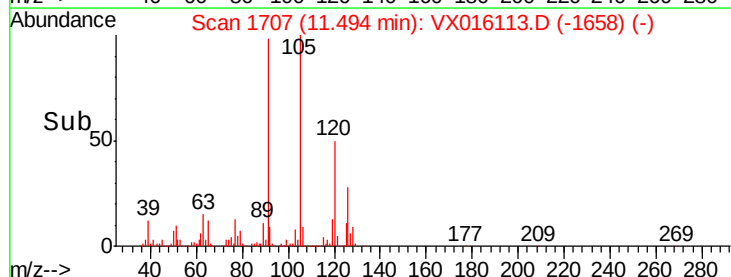
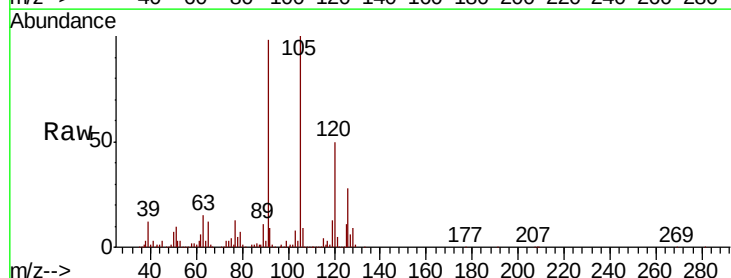
Instrument :
MSVOA_X
ClientSampled :

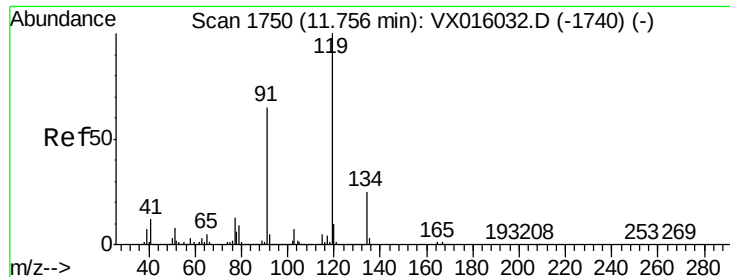
Tot Ion: 75 Resp: 38429
Ion Ratio Lower Upper
75 100
53 92.4 73.1 109.7
89 47.2 36.7 55.1



#82
4-Chlorotoluene
Concen: 18.668 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016113.D
Acq: 08 May 2020 12:00

Tgt Ion: 91 Resp: 244956
Ion Ratio Lower Upper
91 100
126 29.5 14.8 44.3

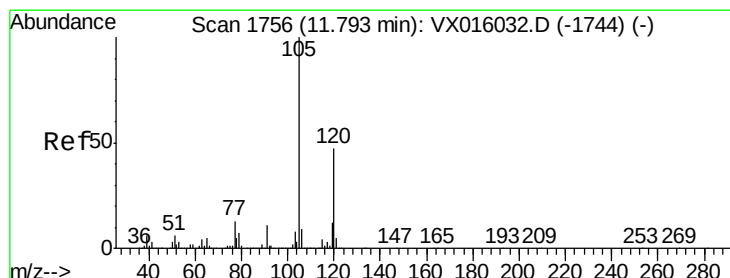
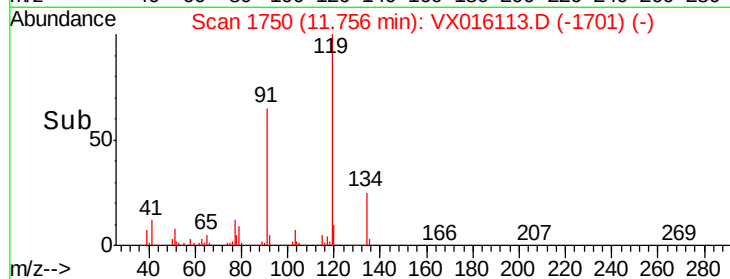
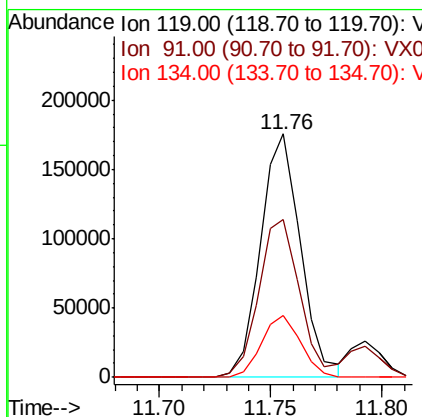
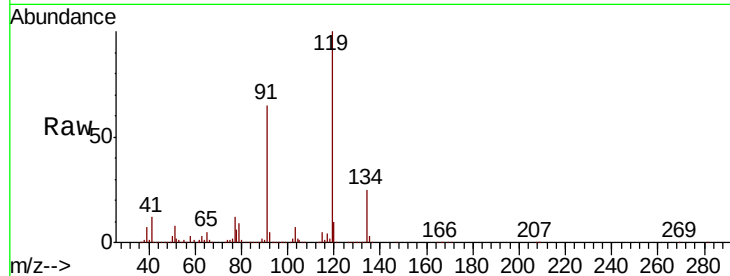




#83
 tert-Butylbenzene
 Concen: 18.628 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016113.D
 Acq: 08 May 2020 12:00

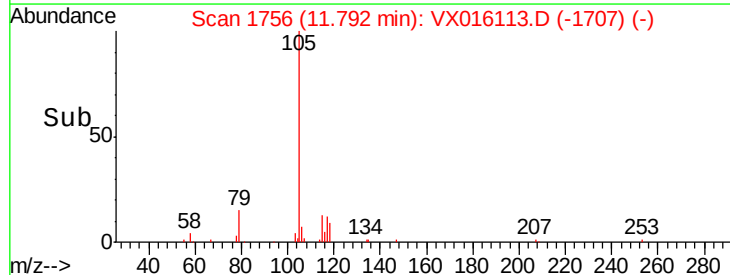
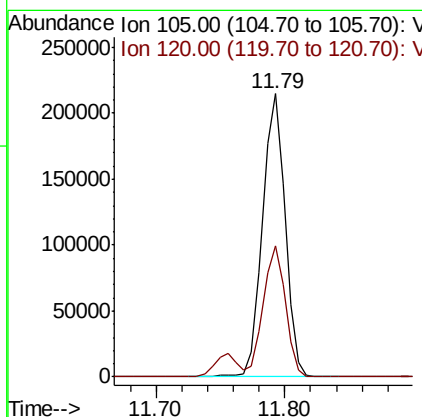
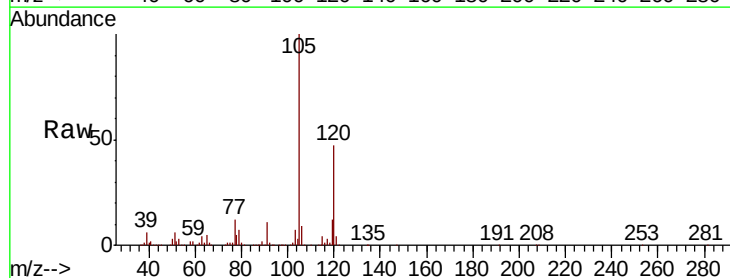
Instrument :
 MSVOA_X
 ClientSampleId :

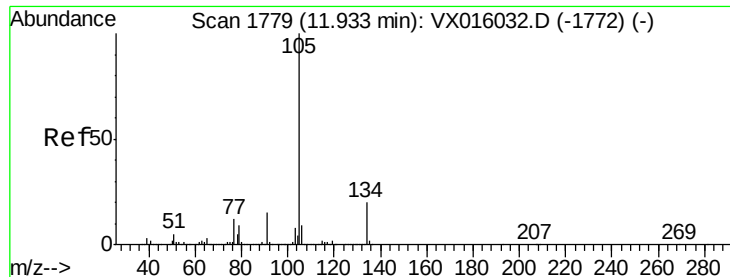
Tot Ion	Ratio	Lower	Upper
119	100		
91	65.7	32.8	98.4
134	24.7	12.4	37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 18.876 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016113.D
 Acq: 08 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.0	69.0





#85

sec-Butylbenzene

Concen: 18.806 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

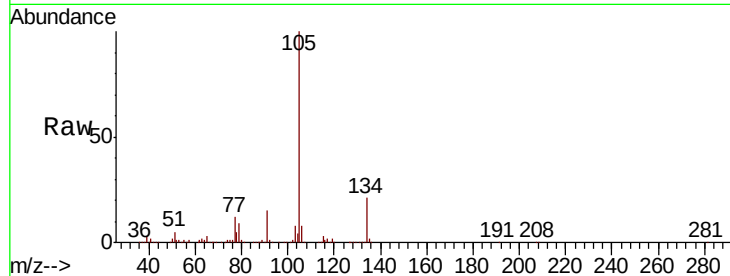
ClientSampled :

Tot Ion:105 Resp: 298968

Ion Ratio Lower Upper

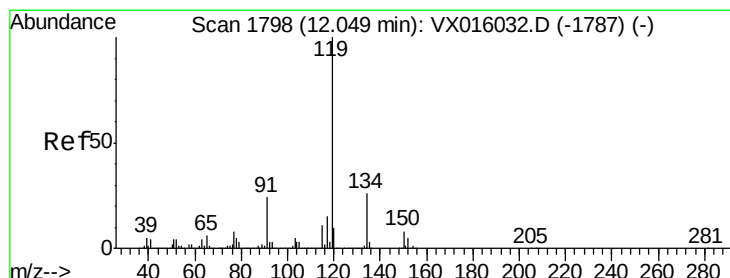
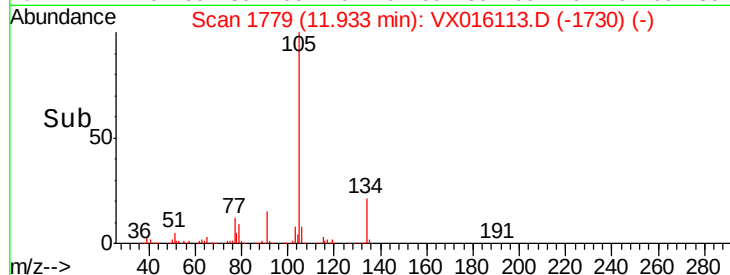
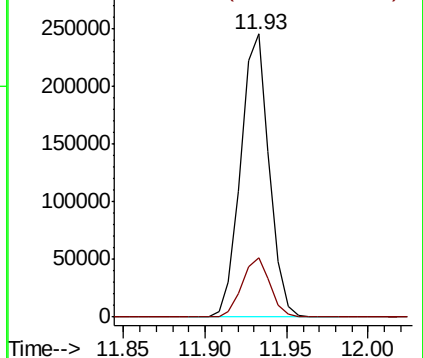
105 100

134 20.6 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.840 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

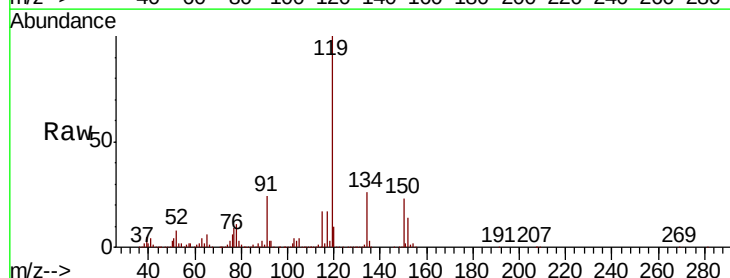
Tgt Ion:119 Resp: 278079

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

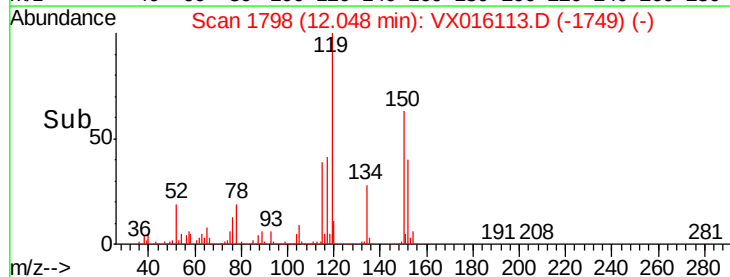
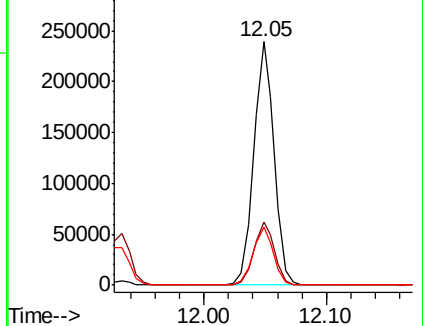
91 24.0 11.8 35.4

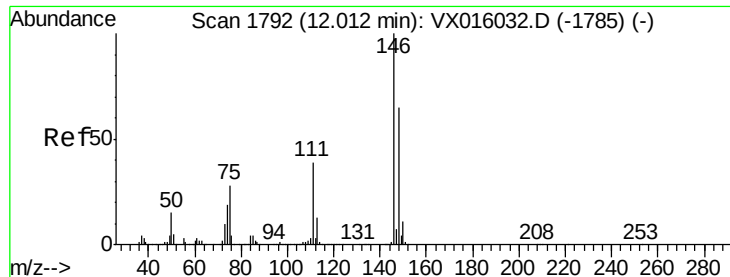


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

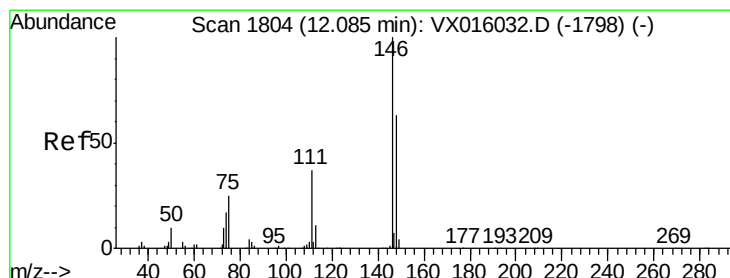
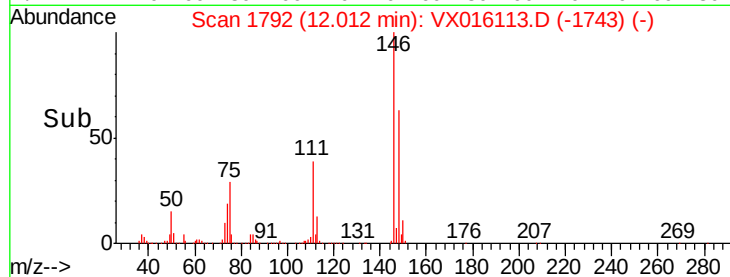
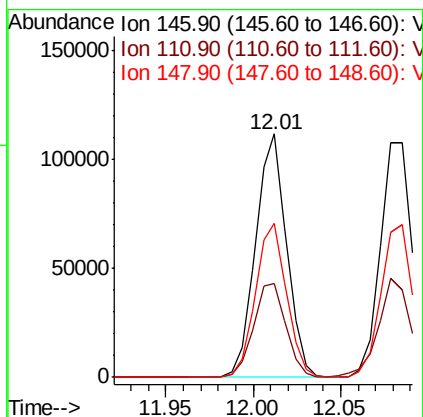
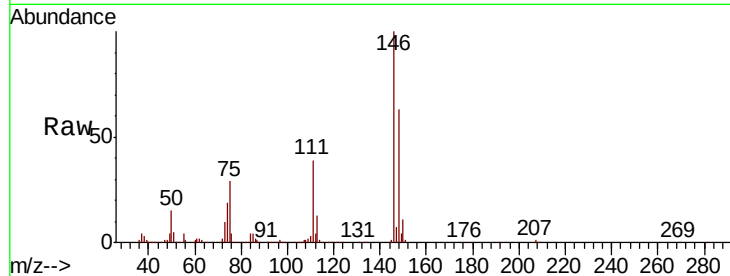




#87
 1,3-Dichlorobenzene
 Concen: 18.311 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016113.D
 Acq: 08 May 2020 12:00

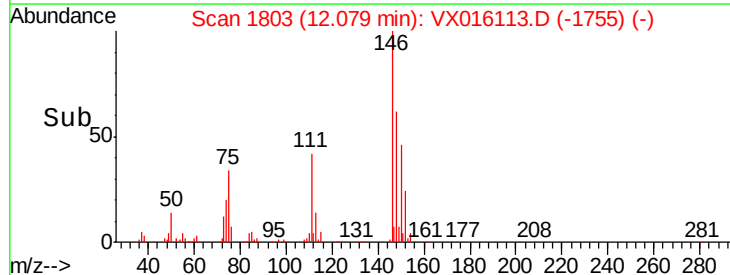
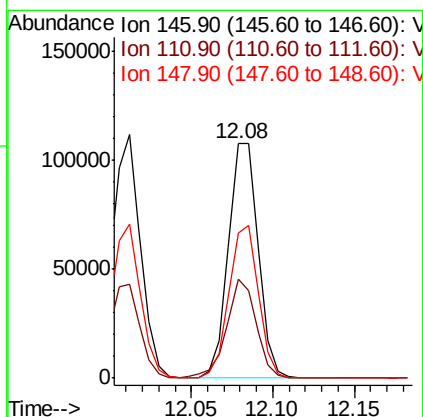
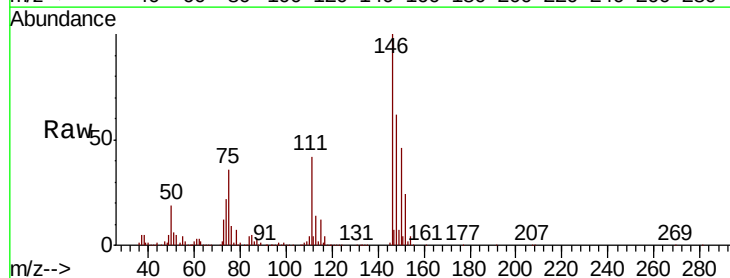
Instrument :
 MSVOA_X
 ClientSampleId :

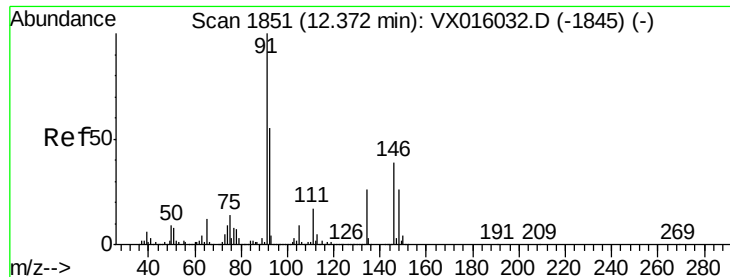
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.2	60.6
148	63.5	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 18.002 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016113.D
 Acq: 08 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	19.6	58.7
148	64.5	31.8	95.3





#89

n-Butylbenzene

Concen: 18.188 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

ClientSampled :

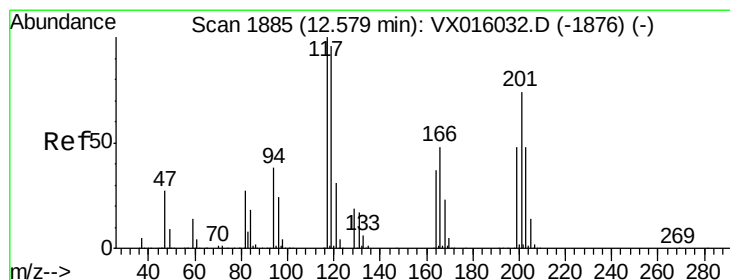
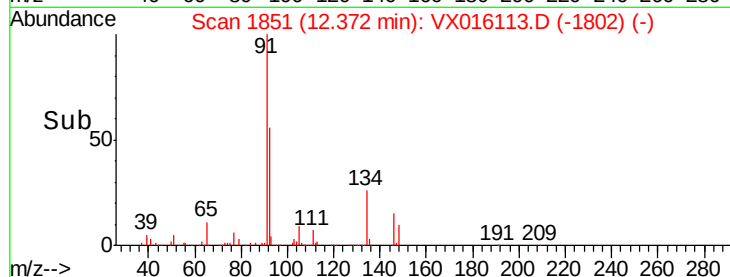
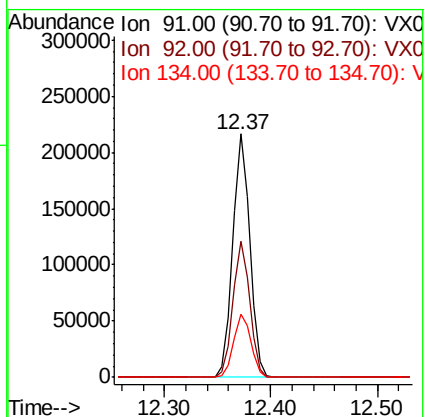
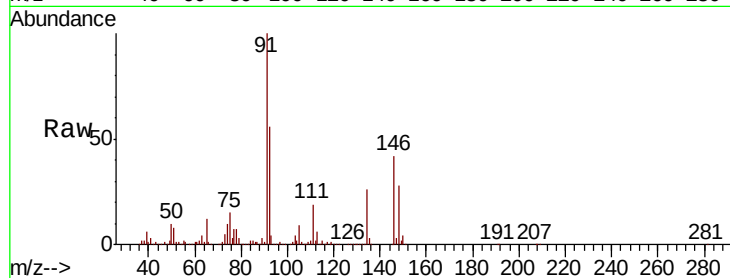
Tot Ion: 91 Resp: 245246

Ion Ratio Lower Upper

91 100

92 55.3 27.6 82.7

134 26.4 13.4 40.1



#90

Hexachloroethane

Concen: 18.422 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016113.D

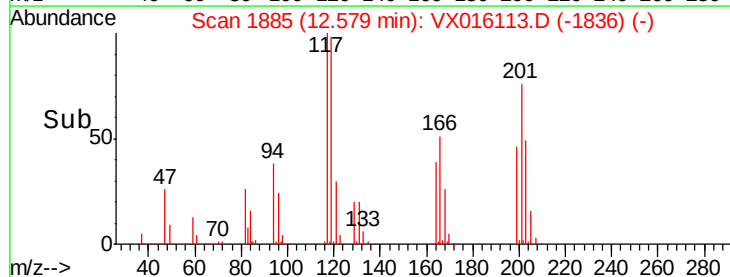
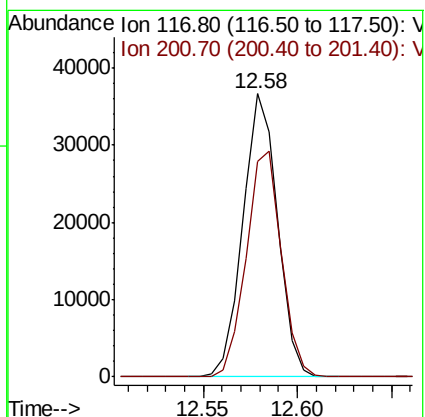
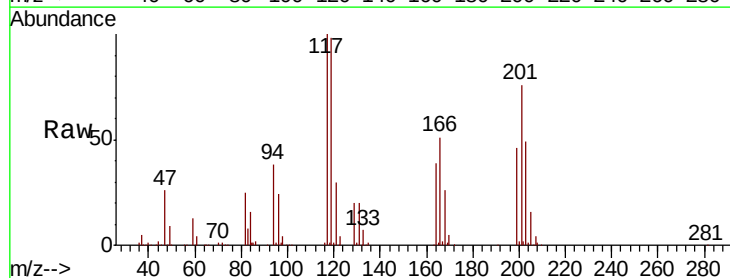
Acq: 08 May 2020 12:00

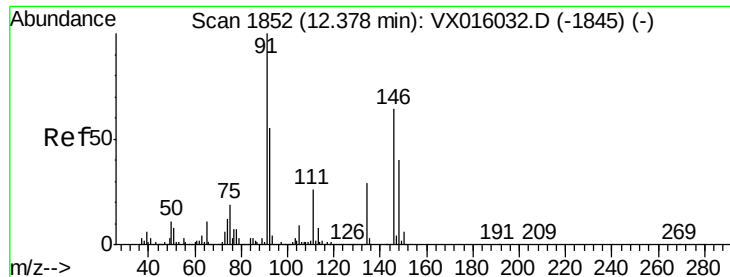
Tgt Ion: 117 Resp: 46698

Ion Ratio Lower Upper

117 100

201 80.8 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 18.629 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

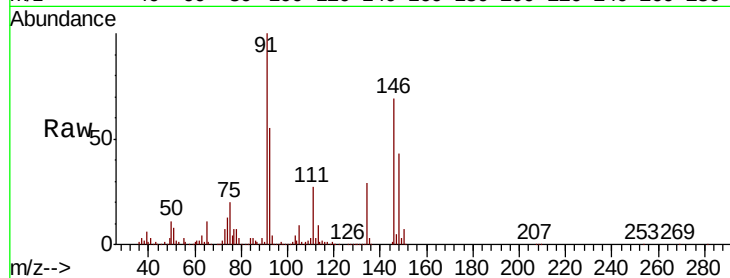
Tot Ion:146 Resp: 134529

Ion Ratio Lower Upper

146 100

111 41.8 21.1 63.1

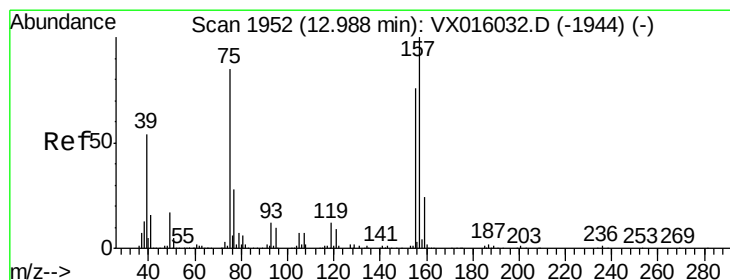
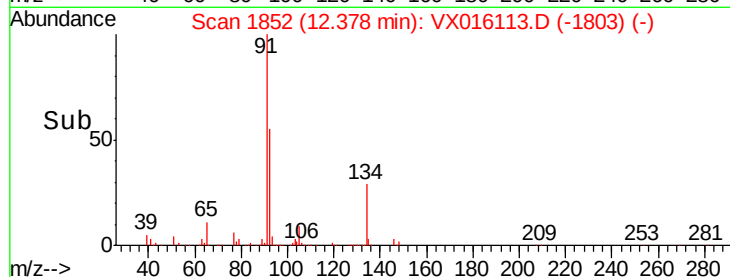
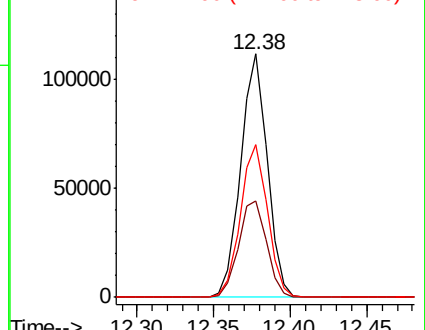
148 64.0 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.763 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

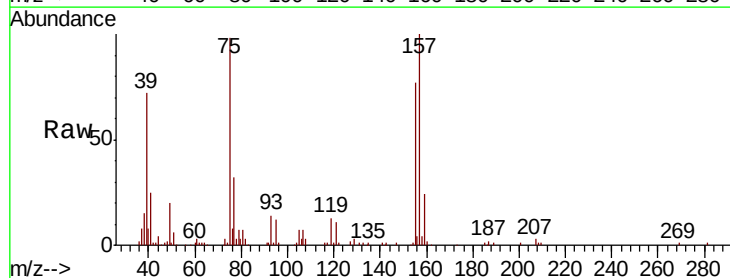
Tgt Ion: 75 Resp: 22304

Ion Ratio Lower Upper

75 100

155 85.8 42.5 127.5

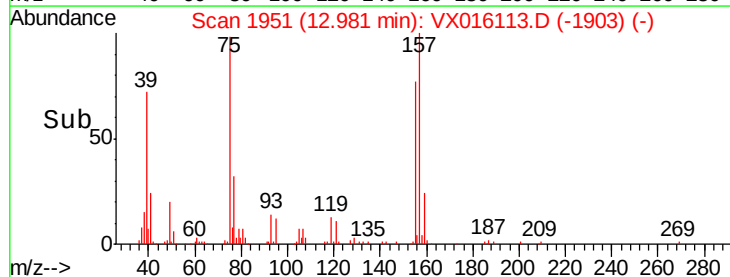
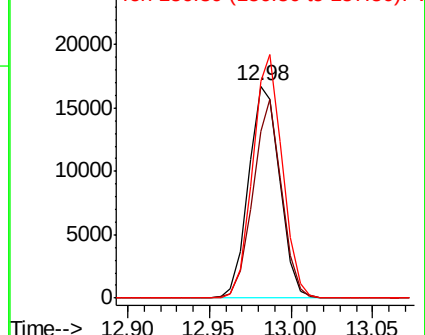
157 108.6 55.3 165.8

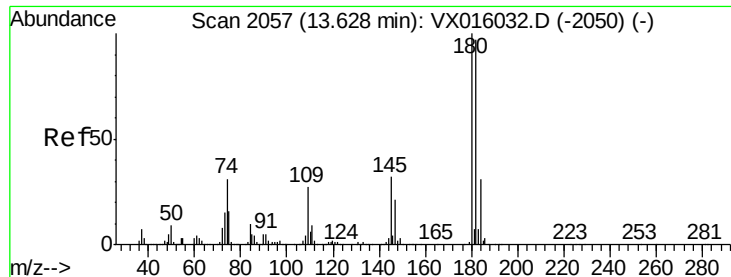


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

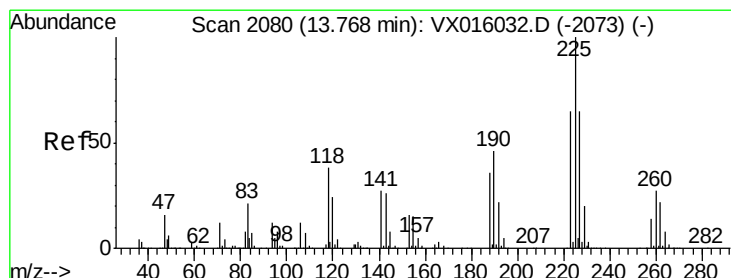
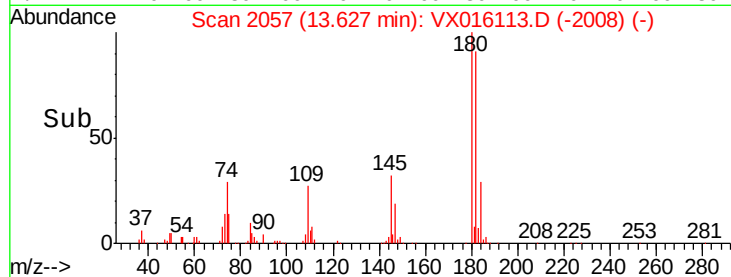
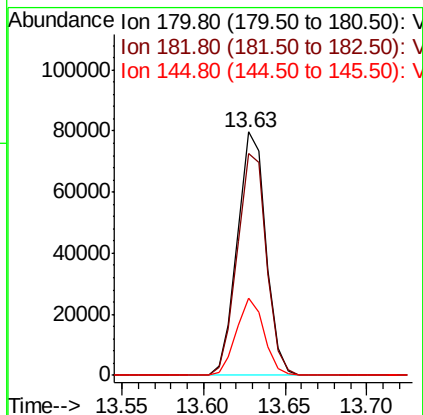
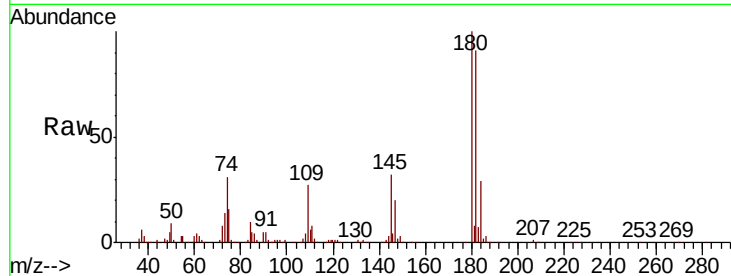




#93
 1,2,4-Trichlorobenzene
 Concen: 18.216 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016113.D
 Acq: 08 May 2020 12:00

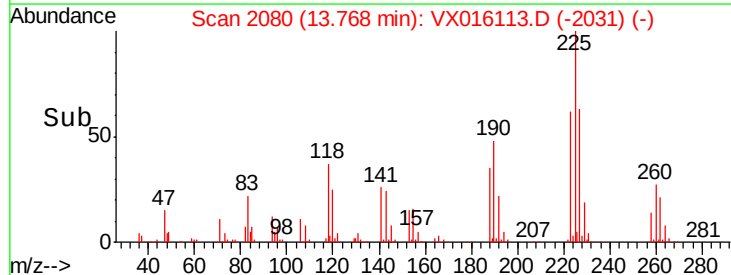
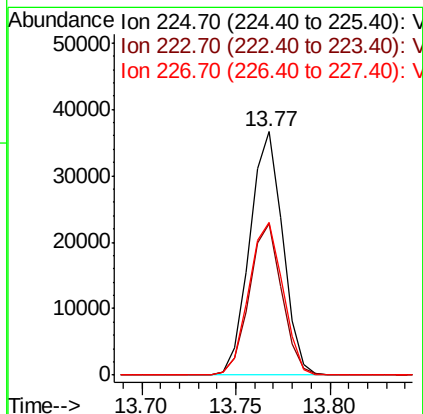
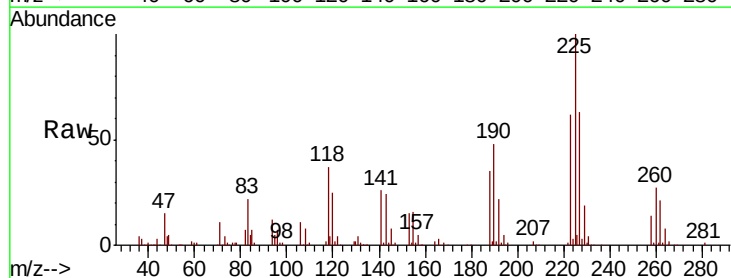
Instrument :
 MSVOA_X
 ClientSampled :

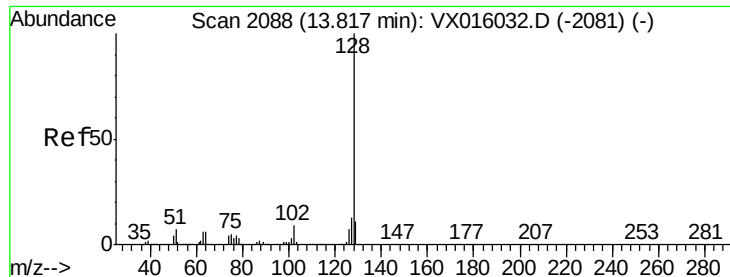
Tot Ion:180 Resp: 97390
 Ion Ratio Lower Upper
 180 100
 182 93.0 48.7 146.1
 145 30.7 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 19.591 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016113.D
 Acq: 08 May 2020 12:00

Tgt Ion:225 Resp: 44360
 Ion Ratio Lower Upper
 225 100
 223 61.5 32.3 96.9
 227 64.7 31.8 95.4





#95

Naphthalene

Concen: 18.014 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

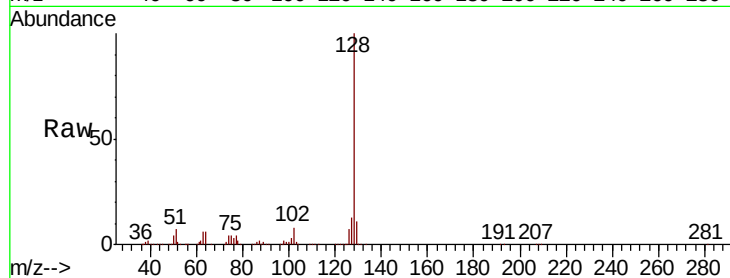
Tot Ion:128 Resp: 311843

Ion Ratio Lower Upper

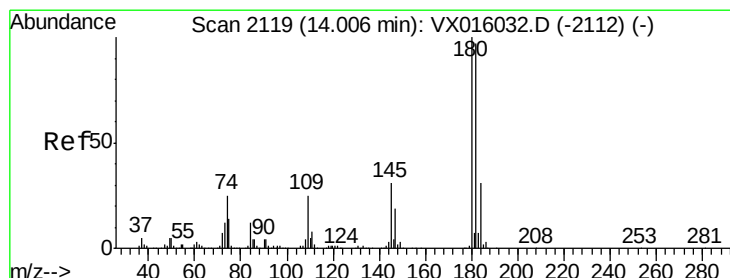
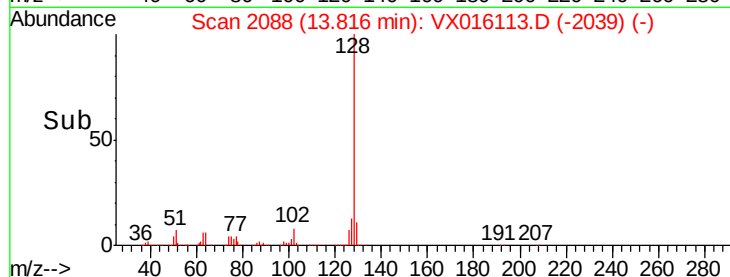
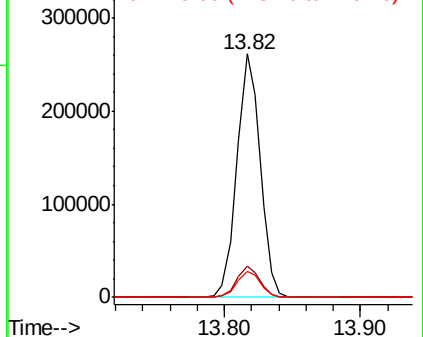
128 100

127 12.7 10.2 15.4

129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.189 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016113.D

Acq: 08 May 2020 12:00

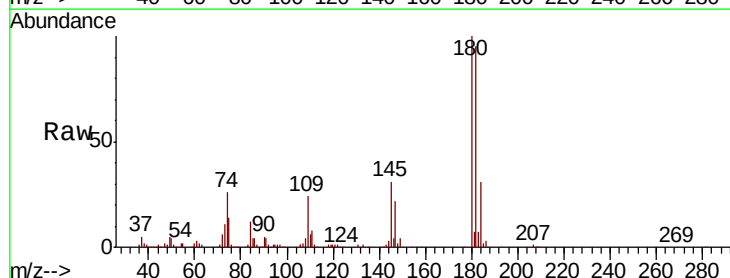
Tgt Ion:180 Resp: 95038

Ion Ratio Lower Upper

180 100

182 95.4 48.4 145.0

145 32.4 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

