

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052020\
 Data File : VX016352.D
 Acq On : 20 May 2020 11:52
 Operator : JC/SP
 Sample : VX0520WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 21 03:49:48 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	274184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	431387	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	390028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192265	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	148762	41.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.46%	
35) Dibromofluoromethane	5.46	113	121815	44.57	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	89.14%	
50) Toluene-d8	8.70	98	480307	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
62) 4-Bromofluorobenzene	11.12	95	183403	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	48768	16.804	ug/l	100
3) Chloromethane	1.31	50	53500	15.874	ug/l	98
4) Vinyl Chloride	1.39	62	57984	16.125	ug/l	99
5) Bromomethane	1.63	94	36301	20.024	ug/l	99
6) Chloroethane	1.71	64	35741	16.336	ug/l	95
7) Trichlorofluoromethane	1.92	101	78565	16.642	ug/l	97
8) Diethyl Ether	2.17	74	33441	16.812	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	45814	16.821	ug/l	99
10) Methyl Iodide	2.49	142	43535	11.900	ug/l	99
11) Tert butyl alcohol	3.01	59	71032	77.855	ug/l	99
12) 1,1-Dichloroethene	2.35	96	46238	16.223	ug/l	98
13) Acrolein	2.27	56	56620	99.172	ug/l	96
14) Allyl chloride	2.71	41	79982	15.305	ug/l	94
15) Acrylonitrile	3.11	53	156993	82.946	ug/l	99
16) Acetone	2.42	43	121836	75.682	ug/l	93
17) Carbon Disulfide	2.55	76	123046	14.228	ug/l	97
18) Methyl Acetate	2.75	43	68225	17.236	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	173450	17.653	ug/l	99
20) Methylene Chloride	2.84	84	53983	16.266	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	50939	16.038	ug/l	98
22) Diisopropyl ether	3.82	45	163459	16.580	ug/l	91
23) Vinyl Acetate	3.78	43	686471	79.143	ug/l	97
24) 1,1-Dichloroethane	3.67	63	94220	17.084	ug/l	99
25) 2-Butanone	4.63	43	208799	80.489	ug/l	96
26) 2,2-Dichloropropane	4.55	77	86632	17.200	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	60442	17.407	ug/l	96
28) Bromochloromethane	4.98	49	40812	16.229	ug/l	92
29) Tetrahydrofuran	5.09	42	137531	80.013	ug/l	95
30) Chloroform	5.17	83	95586	17.407	ug/l	100
31) Cyclohexane	5.55	56	79214	15.804	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	85167	17.063	ug/l	98
36) 1,1-Dichloropropene	5.77	75	70693	16.648	ug/l	99
37) Ethyl Acetate	4.79	43	79393	16.131	ug/l	97
38) Carbon Tetrachloride	5.75	117	75022	17.382	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	76849	15.028	ug/l	97
40) Benzene	6.11	78	217777	17.528	ug/l	99
41) Methacrylonitrile	5.00	41	44653	16.800	ug/l	96
42) 1,2-Dichloroethane	6.16	62	74545	16.655	ug/l	98
43) Isopropyl Acetate	6.41	43	127569	16.245	ug/l	96
44) Trichloroethene	7.19	130	73758	16.710	ug/l	96
45) 1,2-Dichloropropane	7.49	63	56602	18.004	ug/l	100
46) Dibromomethane	7.64	93	37323	17.469	ug/l	100
47) Bromodichloromethane	7.87	83	75940	17.452	ug/l	99
48) Methyl methacrylate	7.74	41	59208	15.912	ug/l	92
49) 1,4-Dioxane	7.71	88	27556	308.778	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	405000	84.280	ug/l	97
52) Toluene	8.76	92	140082	18.088	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	89044	17.163	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	95380	17.601	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	55297	18.148	ug/l	99
56) Ethyl methacrylate	9.16	69	88358	17.765	ug/l	91
57) 1,3-Dichloropropane	9.35	76	95650	17.991	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	221071	83.491	ug/l	99
59) 2-Hexanone	9.47	43	310106	82.173	ug/l	96
60) Dibromochloromethane	9.57	129	60254	17.955	ug/l	98
61) 1,2-Dibromoethane	9.65	107	58724	17.793	ug/l	99
64) Tetrachloroethene	9.32	164	83768	17.495	ug/l	98
65) Chlorobenzene	10.12	112	149032	18.249	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	56416	18.690	ug/l	100
67) Ethyl Benzene	10.24	91	261423	17.941	ug/l	100
68) m/p-Xylenes	10.34	106	198268	36.317	ug/l	100
69) o-Xylene	10.68	106	96129	18.318	ug/l	99
70) Styrene	10.69	104	162395	18.241	ug/l	99
71) Bromoform	10.84	173	45584	18.536	ug/l #	98
73) Isopropylbenzene	11.00	105	252604	18.063	ug/l	100
74) N-amyl acetate	10.88	43	106967	16.399	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	55036	22.334	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	105971	24.289	ug/l	83
77) Bromobenzene	11.24	156	63744	17.660	ug/l	99
78) n-propylbenzene	11.34	91	279858	17.202	ug/l	99
79) 2-Chlorotoluene	11.40	91	170967	17.804	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	207690	17.590	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	31596	17.258	ug/l	96
82) 4-Chlorotoluene	11.49	91	203179	17.917	ug/l	100
83) tert-Butylbenzene	11.76	119	176800	17.375	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	210906	17.668	ug/l	99
85) sec-Butylbenzene	11.93	105	223226	16.248	ug/l	100
86) p-Isopropyltoluene	12.05	119	211396	16.573	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	114203	17.621	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	115675	17.585	ug/l	98
89) n-Butylbenzene	12.37	91	171407	14.709	ug/l	100
90) Hexachloroethane	12.58	117	35017	15.985	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	112543	18.034	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19249	16.740	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	71432	15.460	ug/l	97
94) Hexachlorobutadiene	13.77	225	27746	14.324	ug/l	98
95) Naphthalene	13.82	128	252208	16.858	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	70585	15.632	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

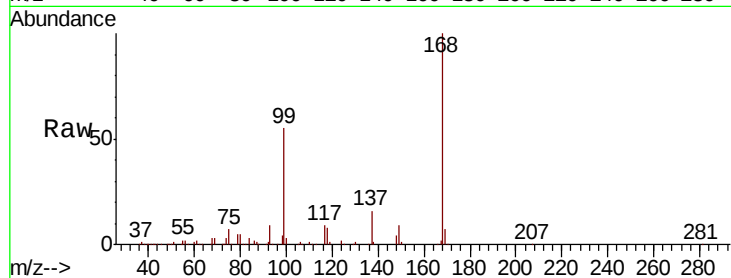
ClientSampleId :

Tot Ion:168 Resp: 274184

Ion Ratio Lower Upper

168 100

99 54.8 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

80000

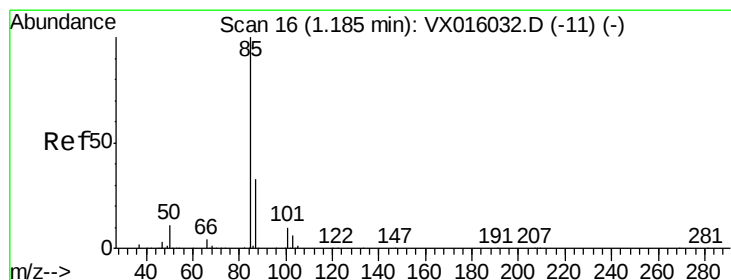
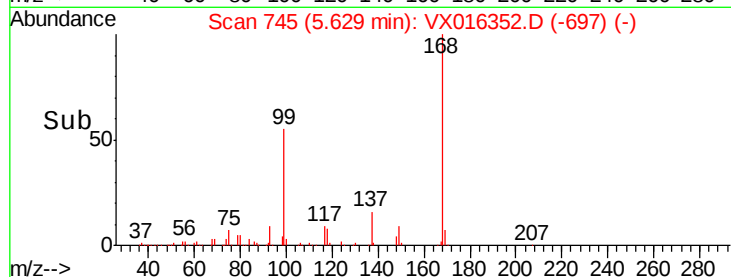
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.804 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016352.D

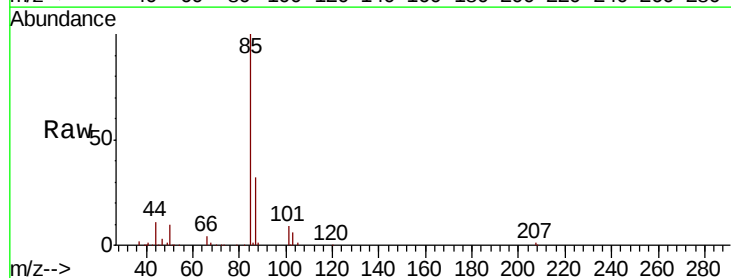
Acq: 20 May 2020 11:52

Tgt Ion: 85 Resp: 48768

Ion Ratio Lower Upper

85 100

87 32.4 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

60000

50000

40000

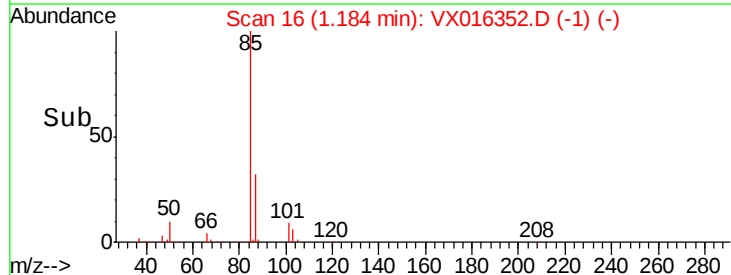
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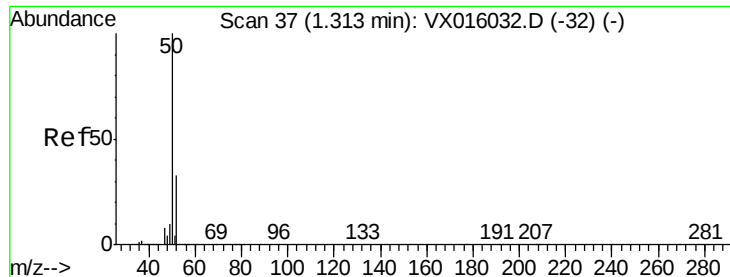
20000

10000

0

Time-->





#3

Chloromethane

Concen: 15.874 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

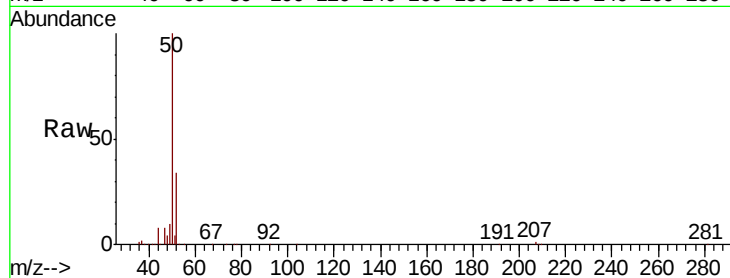
ClientSampleId :

Tot Ion: 50 Resp: 53500

Ion Ratio Lower Upper

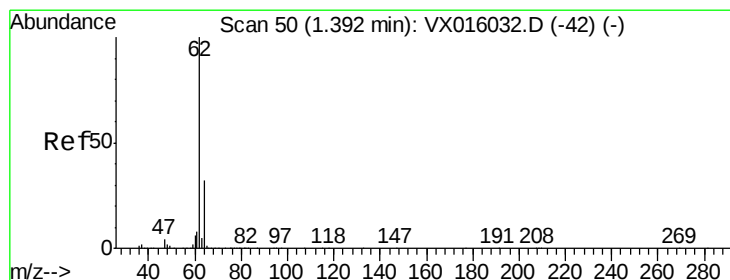
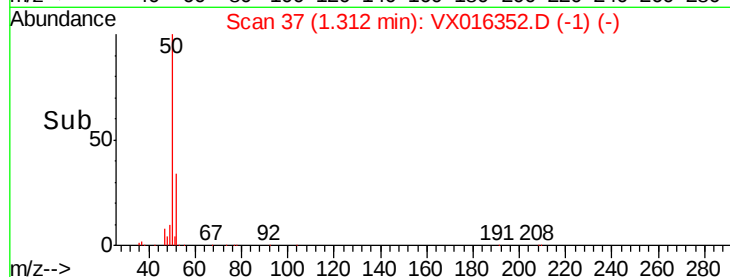
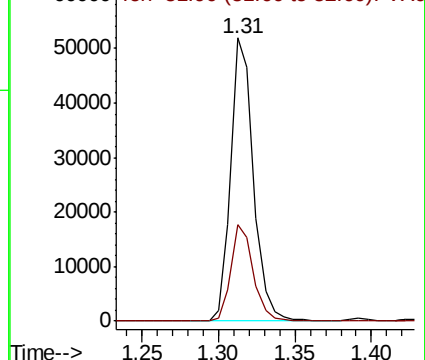
50 100

52 33.9 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: 16.125 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016352.D

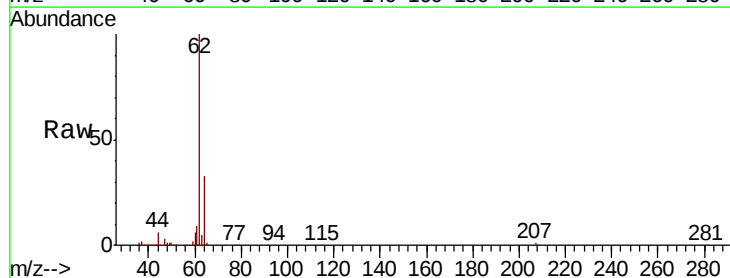
Acq: 20 May 2020 11:52

Tgt Ion: 62 Resp: 57984

Ion Ratio Lower Upper

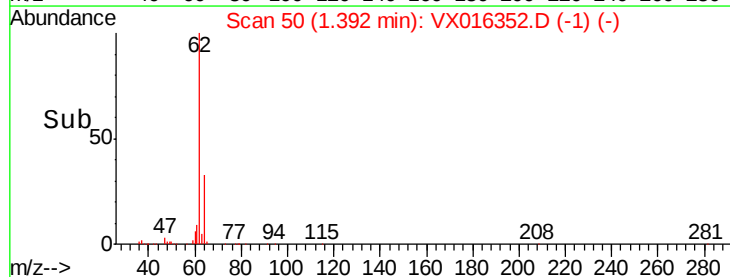
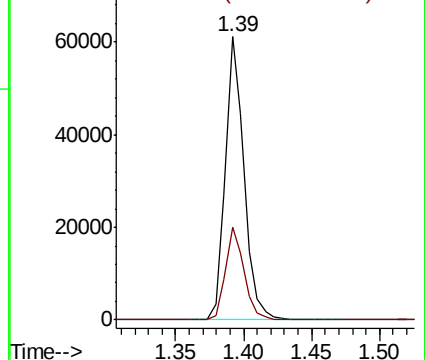
62 100

64 32.6 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: 20.024 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

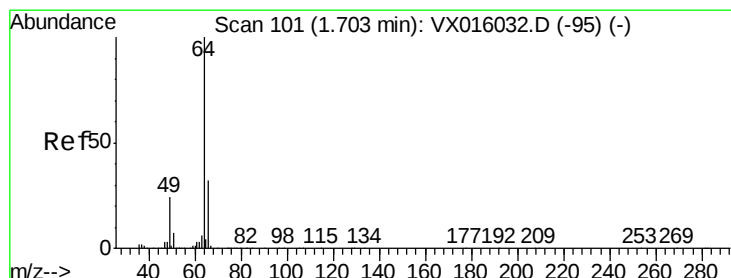
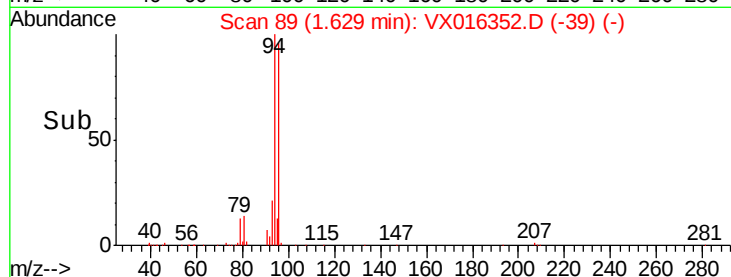
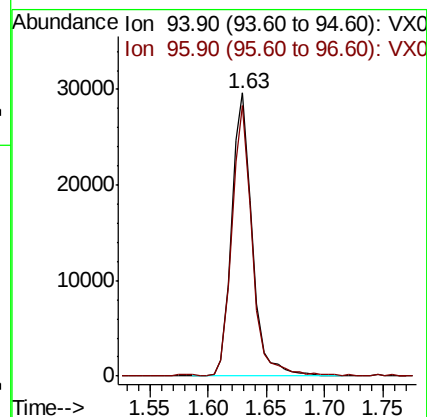
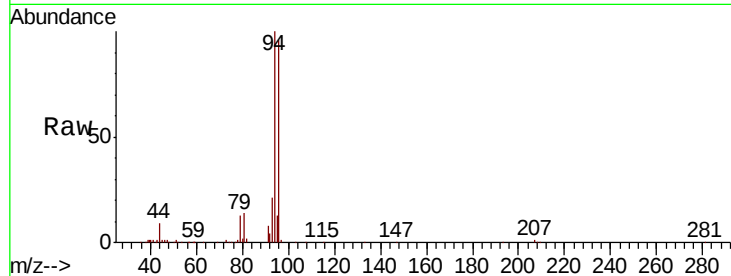
ClientSampleId :

Tot Ion: 94 Resp: 36301

Ion Ratio Lower Upper

94 100

96 95.3 76.9 115.3



#6

Chloroethane

Concen: 16.336 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016352.D

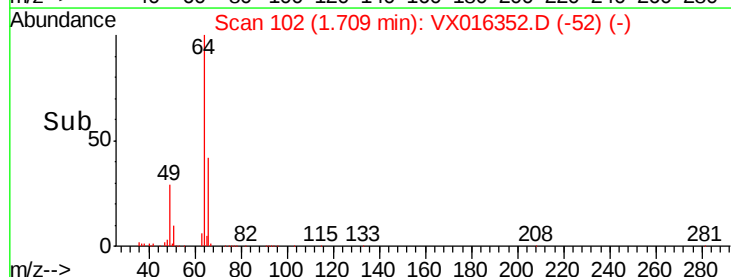
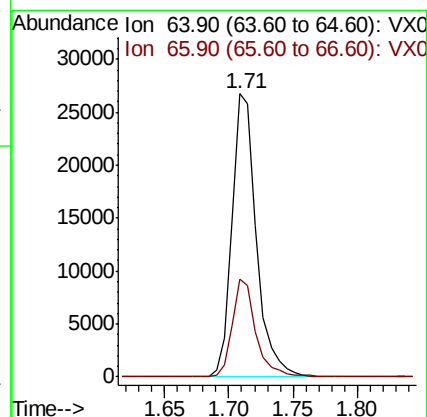
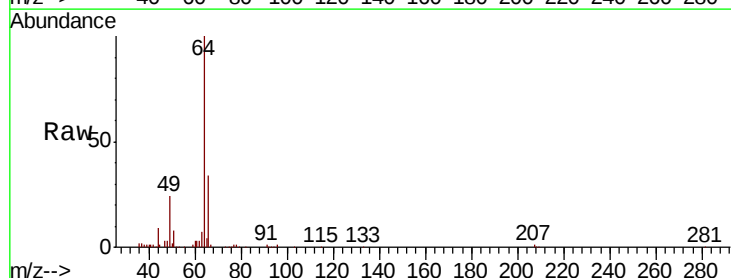
Acq: 20 May 2020 11:52

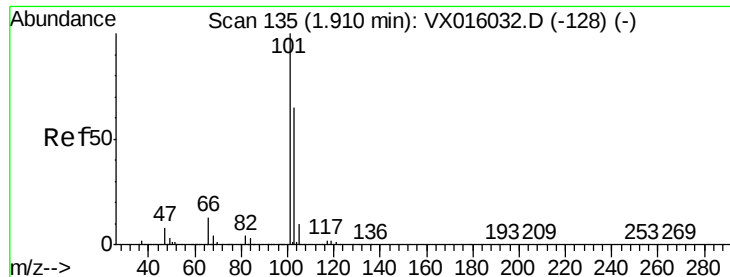
Tgt Ion: 64 Resp: 35741

Ion Ratio Lower Upper

64 100

66 34.3 25.2 37.8



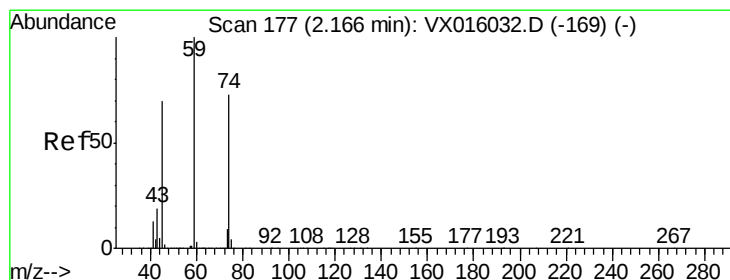
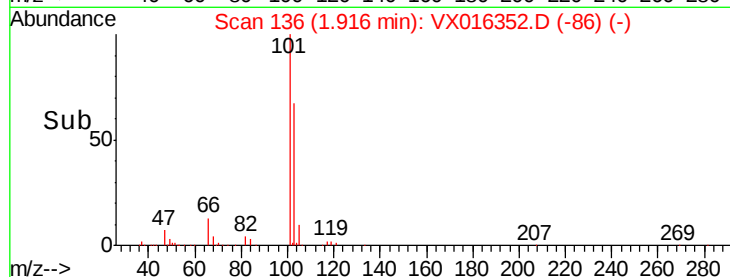
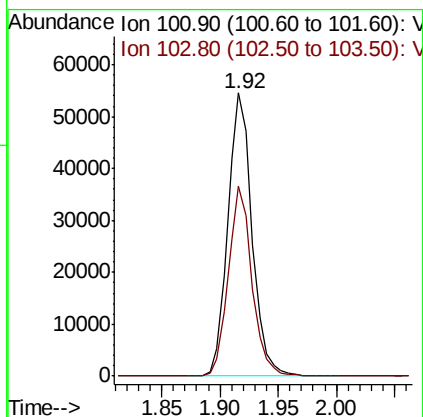
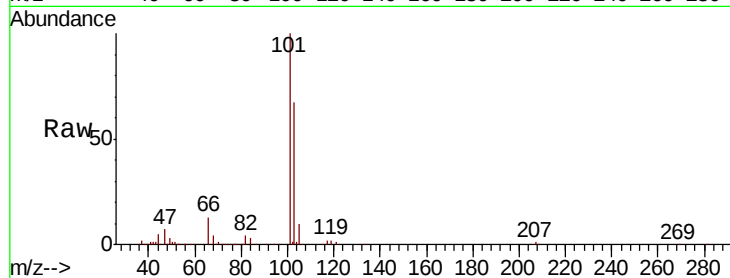


#7

Trichlorofluoromethane
 Concen: 16.642 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

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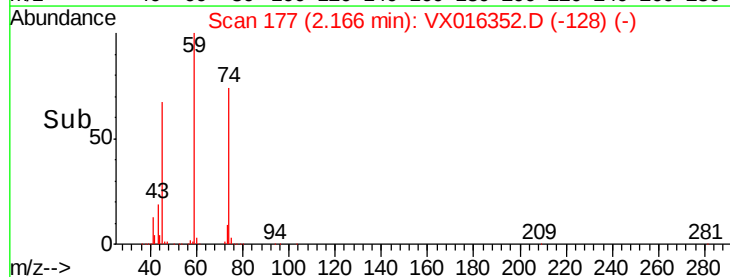
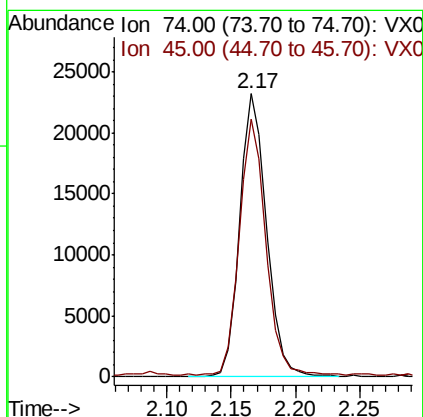
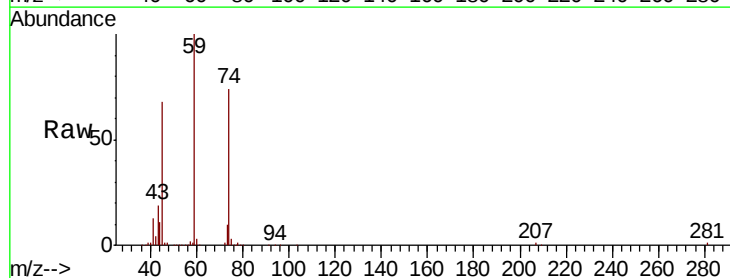
Tot Ion:101 Resp: 78565
 Ion Ratio Lower Upper
 101 100
 103 67.1 51.8 77.6

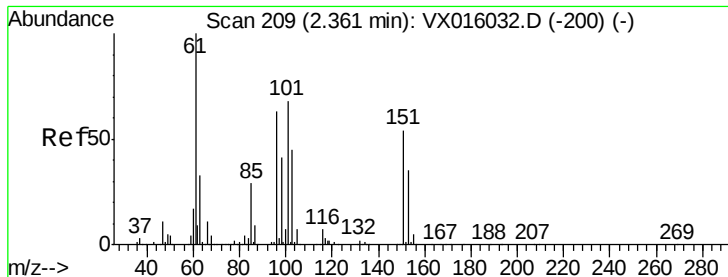


#8

Diethyl Ether
 Concen: 16.812 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Tgt Ion: 74 Resp: 33441
 Ion Ratio Lower Upper
 74 100
 45 89.2 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.821 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016352.D

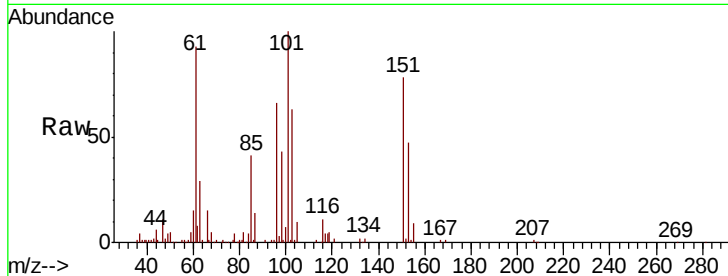
Acq: 20 May 2020 11:52

Instrument :

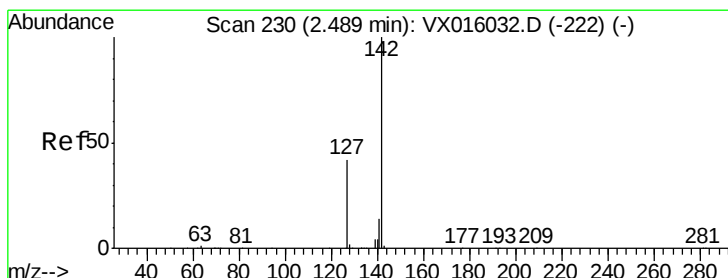
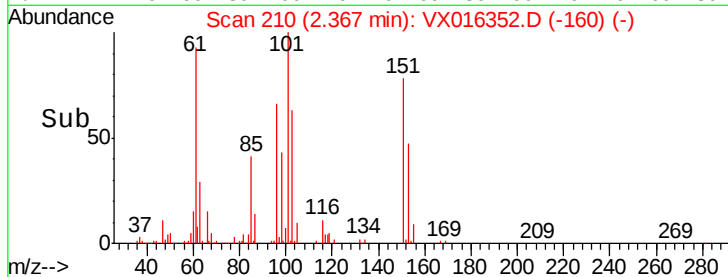
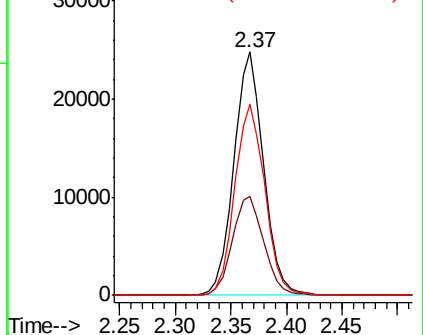
MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	45814
Ion	Ratio	Lower	Upper
101	100		
85	42.7	34.2	51.4
151	79.3	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: 11.900 ug/l

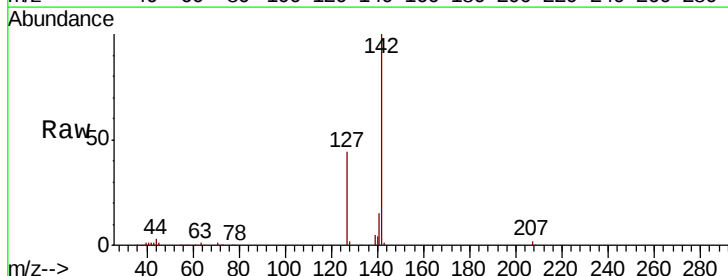
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

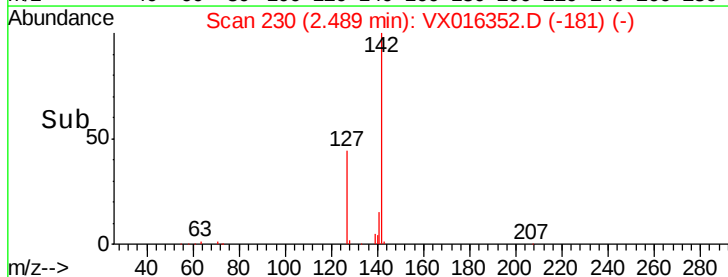
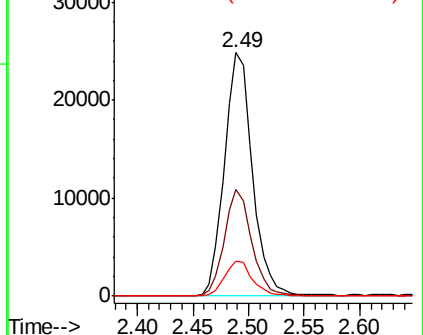
Lab File: VX016352.D

Acq: 20 May 2020 11:52

Tgt Ion:	142	Resp:	43535
Ion	Ratio	Lower	Upper
142	100		
127	42.7	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

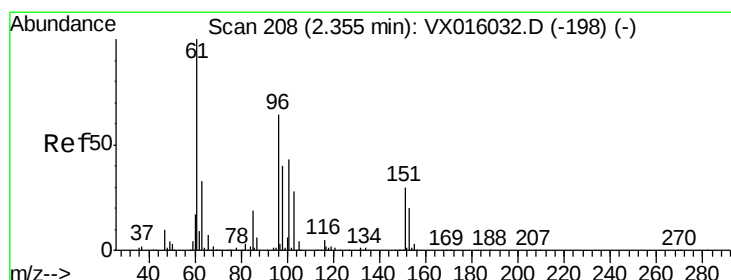
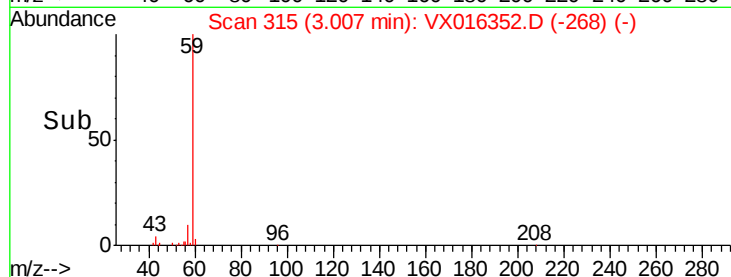
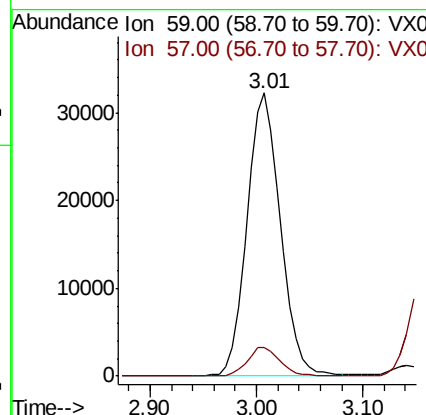
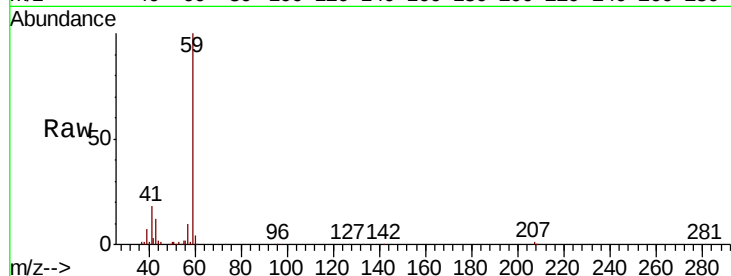




#11
Tert butyl alcohol
Concen: 77.855 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

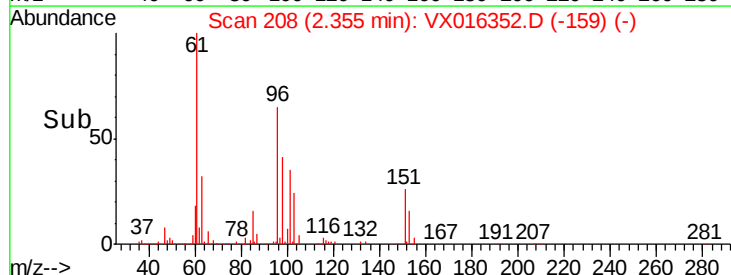
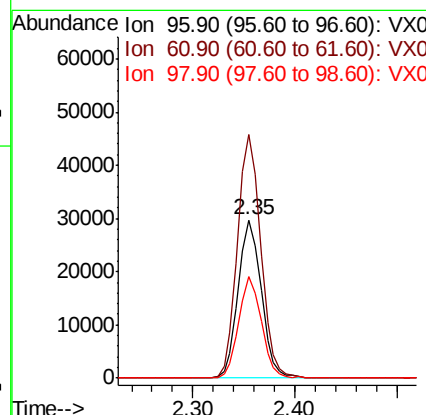
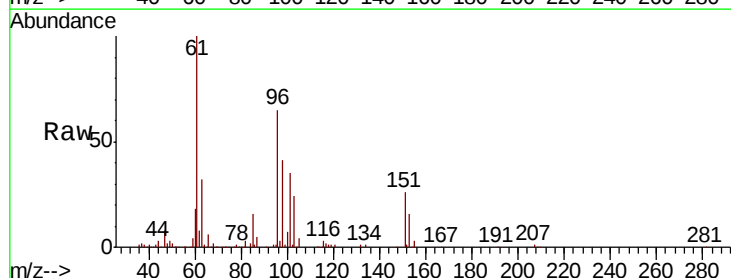
Instrument :
MSVOA_X
ClientSampleId :

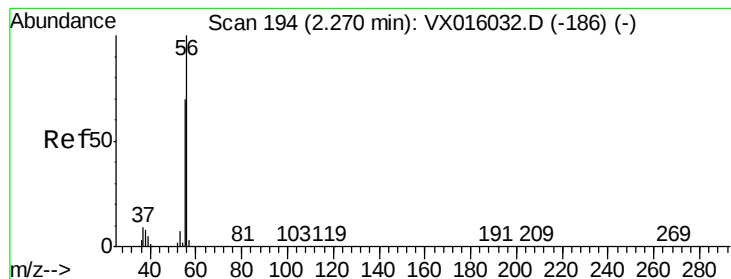
Tot Ion: 59 Resp: 71032
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 16.223 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion: 96 Resp: 46238
Ion Ratio Lower Upper
96 100
61 154.5 124.8 187.2
98 64.0 49.7 74.5





#13

Acrolein

Concen: 99.172 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

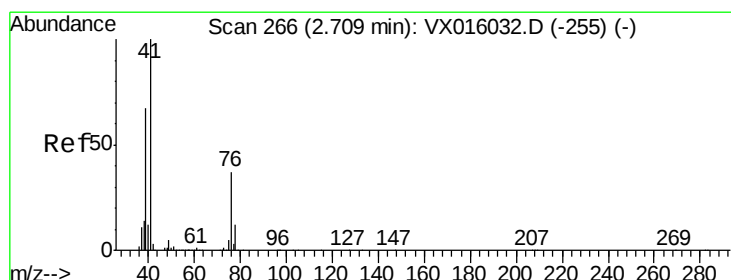
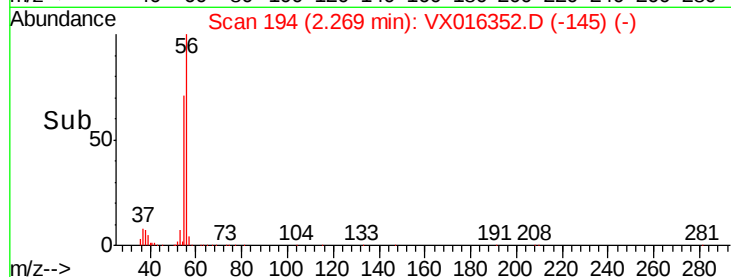
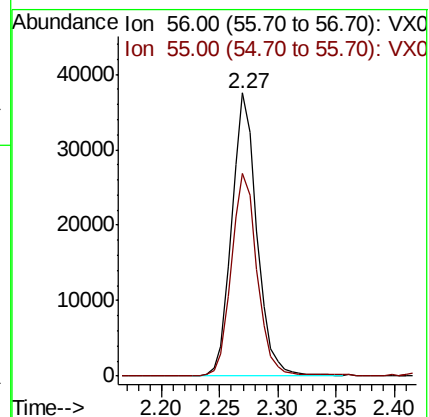
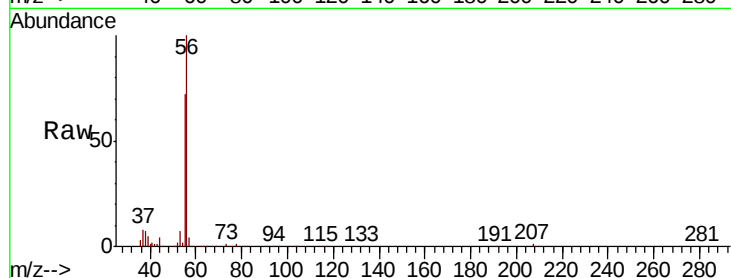
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 56620

Ion Ratio Lower Upper

56 100

55 73.6 56.5 84.7



#14

Allyl chloride

Concen: 15.305 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

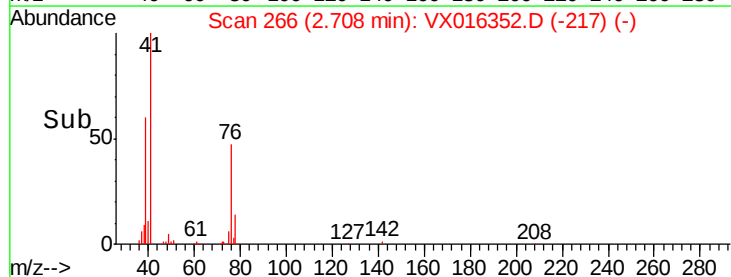
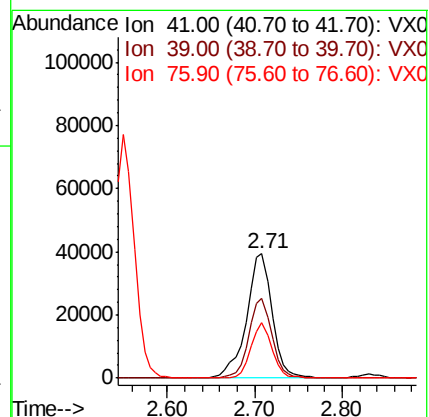
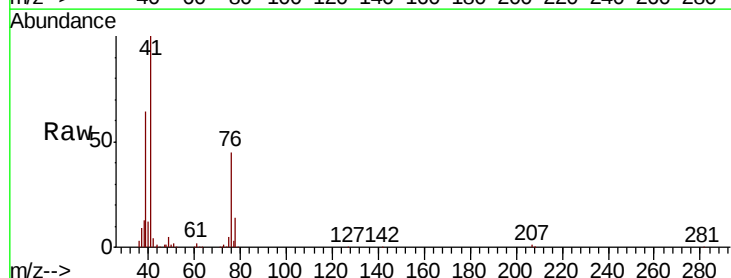
Tgt Ion: 41 Resp: 79982

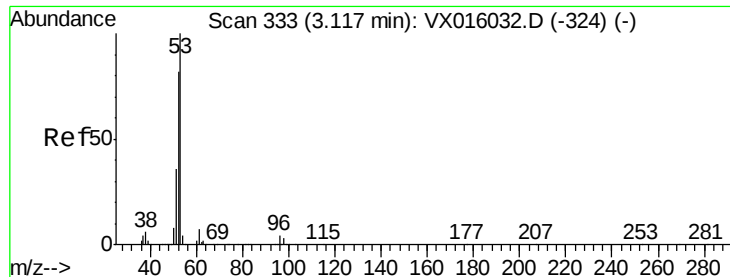
Ion Ratio Lower Upper

41 100

39 58.1 50.5 75.7

76 36.5 26.6 40.0





#15

Acrylonitrile

Concen: 82.946 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

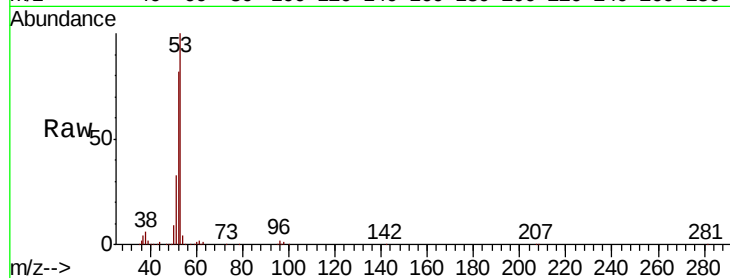
Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 156993

Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.1	99.1
51	34.6	28.8	43.2

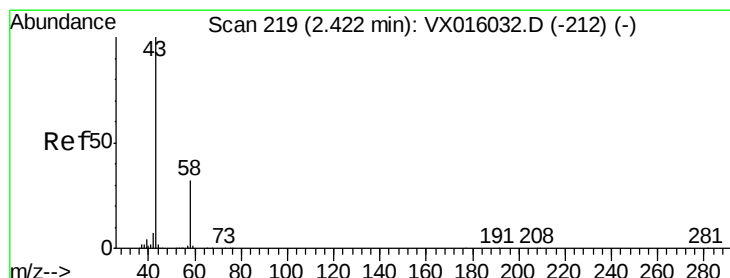
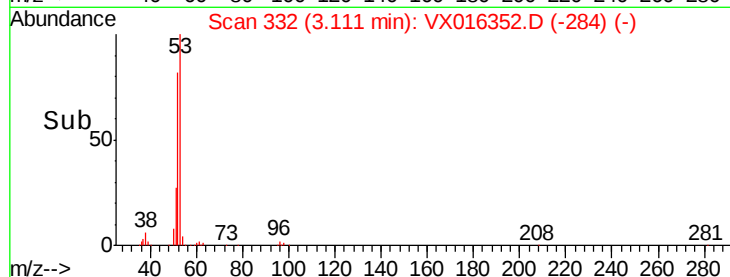
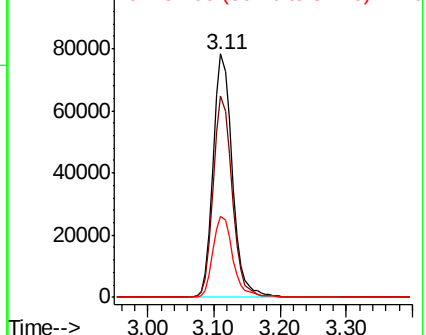


Abundance

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: 75.682 ug/l

RT: 2.42 min Scan# 218

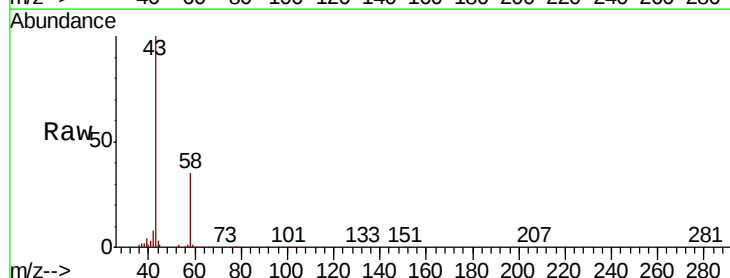
Delta R.T. -0.01 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Tgt Ion: 43 Resp: 121836

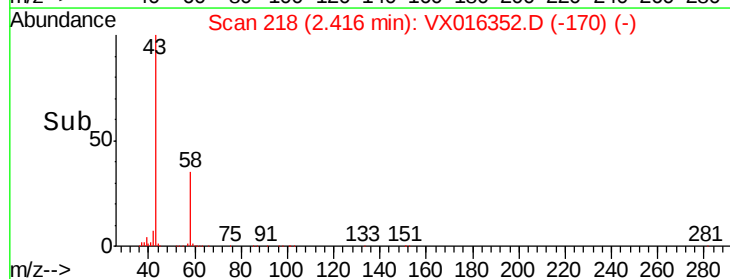
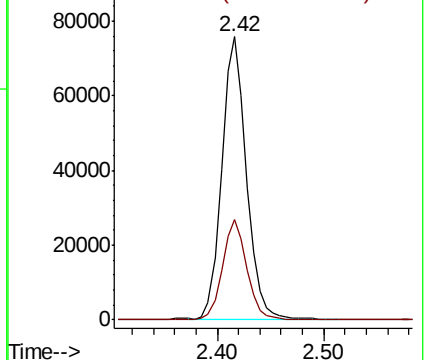
Ion	Ratio	Lower	Upper
43	100		
58	35.4	25.4	38.0

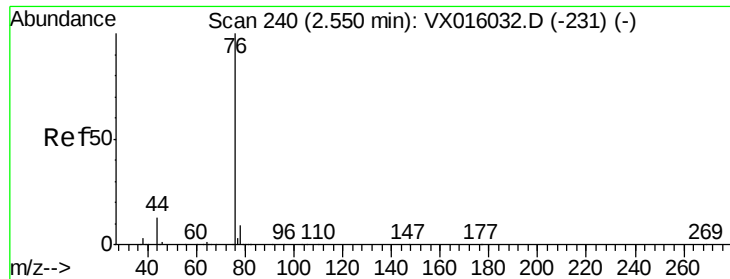


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 14.228 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

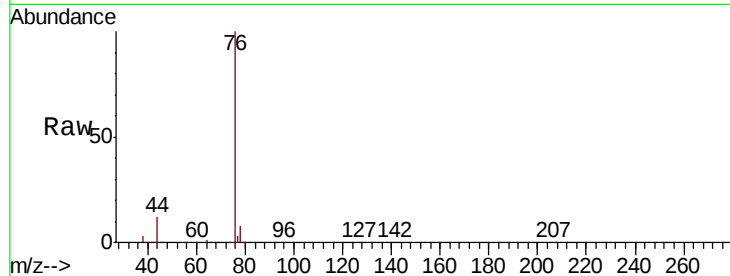
ClientSampleId :

Tot Ion: 76 Resp: 123046

Ion Ratio Lower Upper

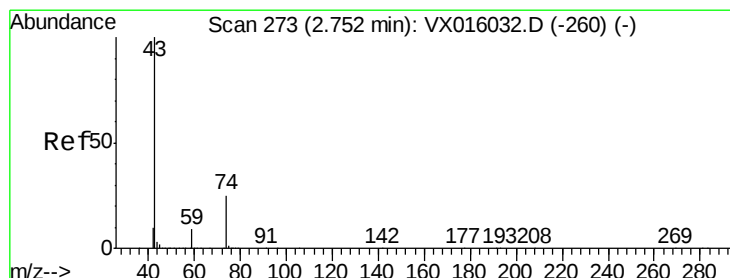
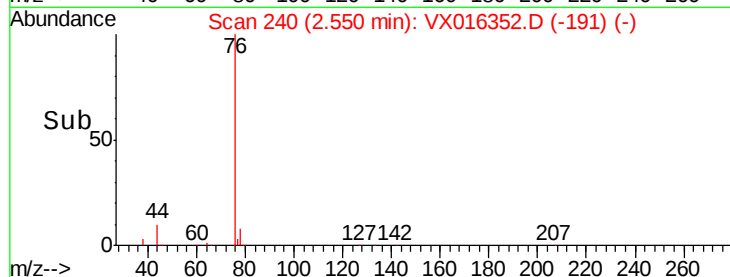
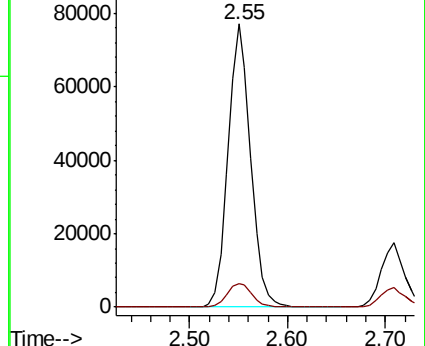
76 100

78 8.4 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.236 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016352.D

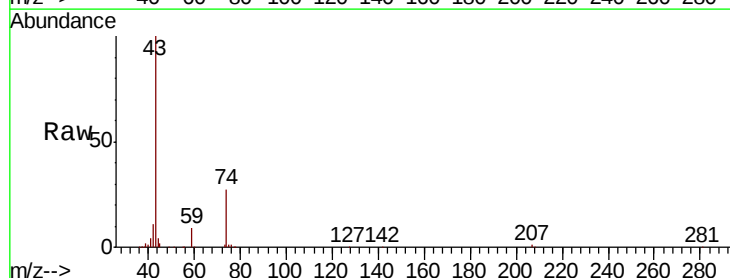
Acq: 20 May 2020 11:52

Tgt Ion: 43 Resp: 68225

Ion Ratio Lower Upper

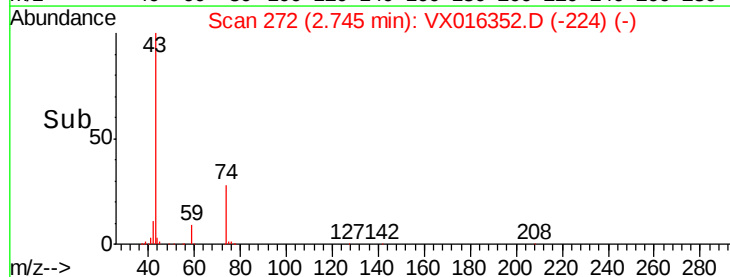
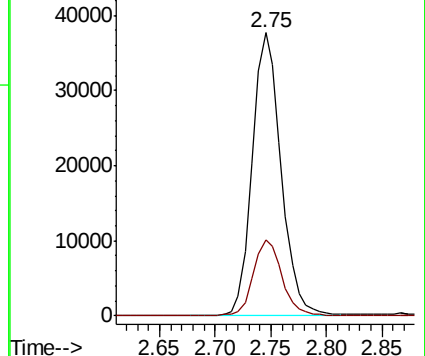
43 100

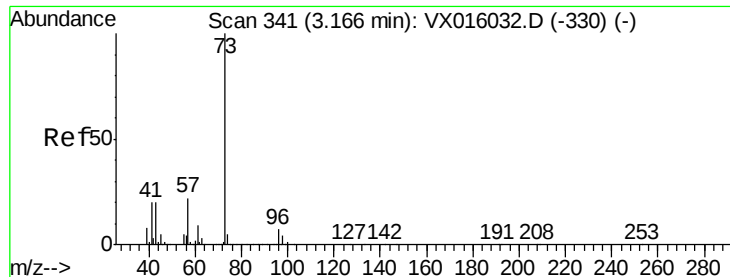
74 26.8 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



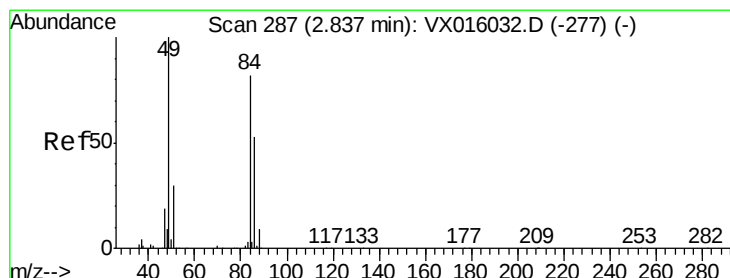
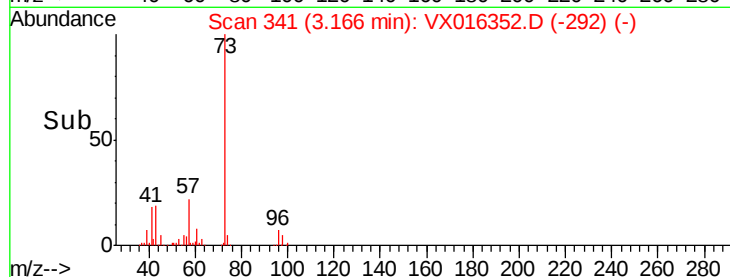
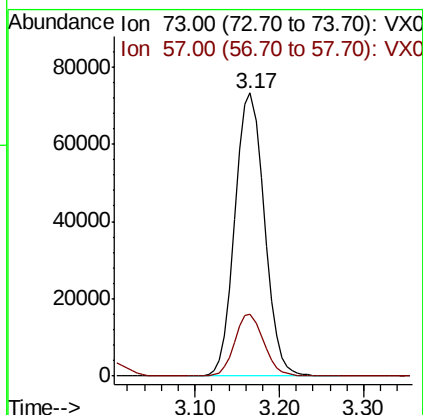
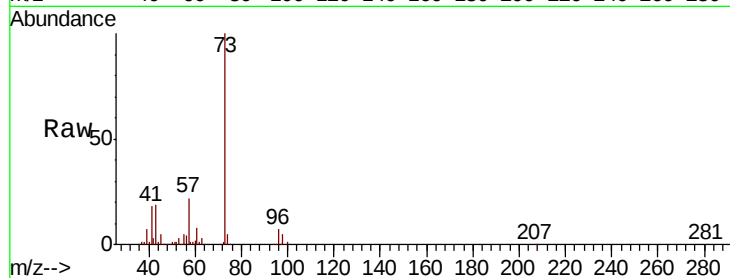


#19

Methyl tert-butyl Ether
 Concen: 17.653 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Instrument :
 MSVOA_X
 ClientSampleId :

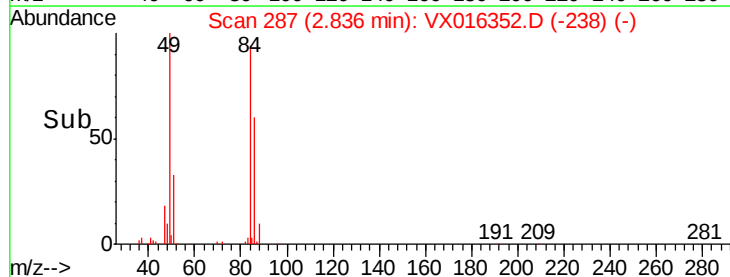
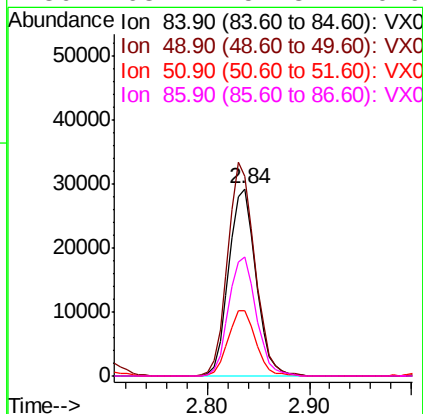
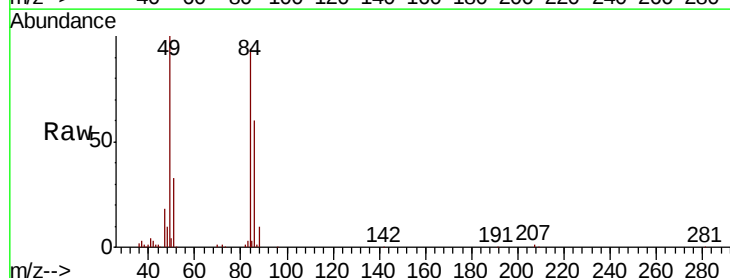
Tot Ion: 73 Resp: 173450
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.8 26.6



#20

Methylene Chloride
 Concen: 16.266 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Tgt Ion: 84 Resp: 53983
 Ion Ratio Lower Upper
 84 100
 49 106.6 97.3 145.9
 51 35.0 29.3 43.9
 86 63.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 16.038 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

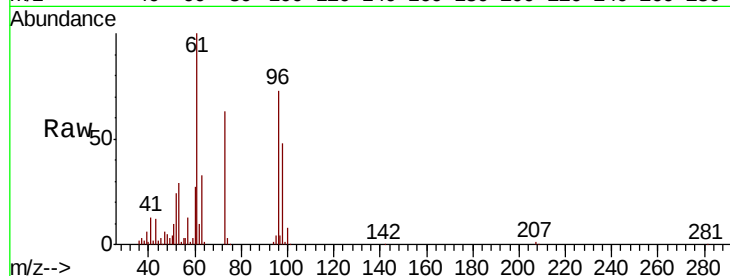
Tot Ion: 96 Resp: 50939

Ion Ratio Lower Upper

96 100

61 137.2 111.2 166.8

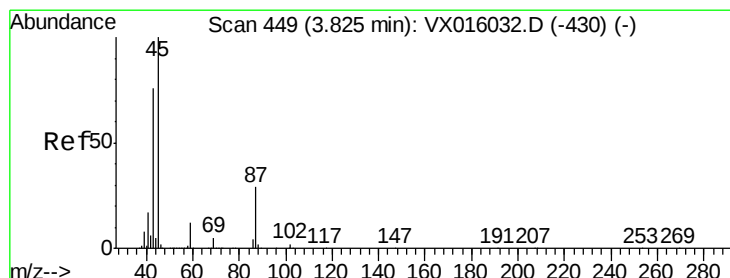
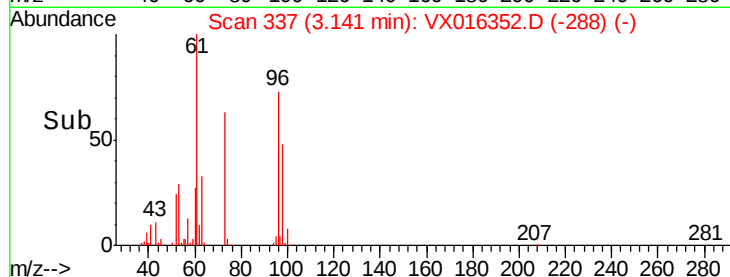
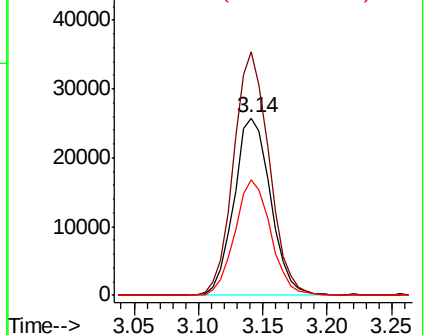
98 65.5 50.2 75.4



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: 16.580 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Tgt Ion: 45 Resp: 163459

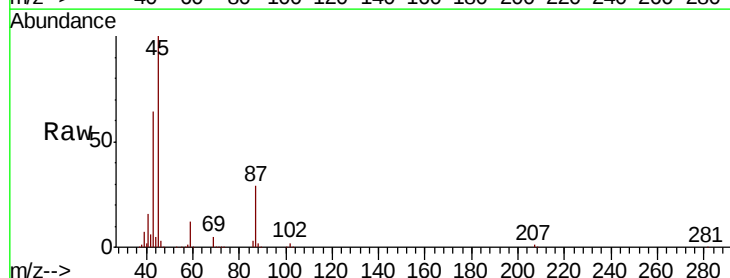
Ion Ratio Lower Upper

45 100

43 64.1 61.1 91.7

87 28.7 23.0 34.6

59 12.5 9.8 14.6

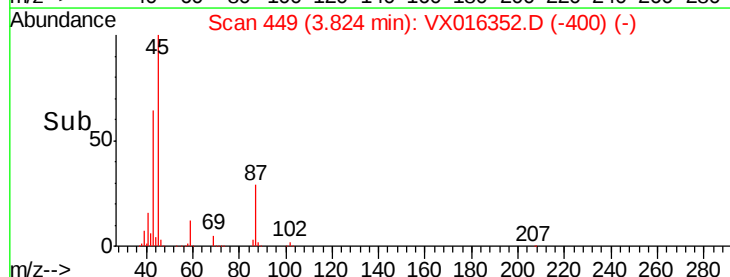
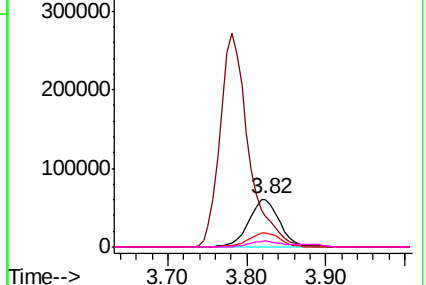


Abundance Ion 45.00 (44.70 to 45.70): VX0

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

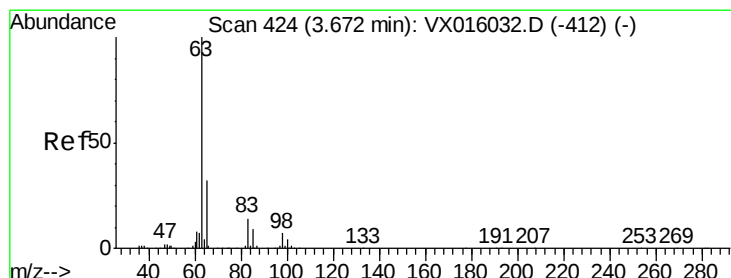
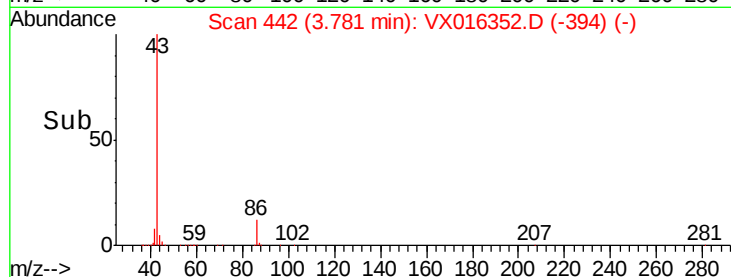
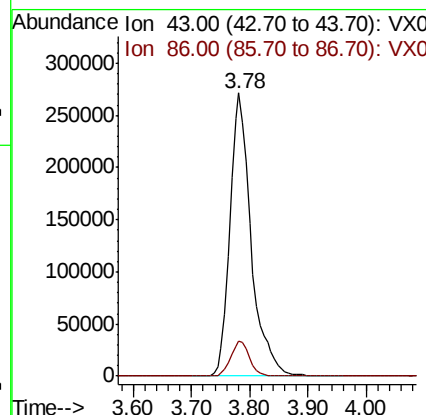
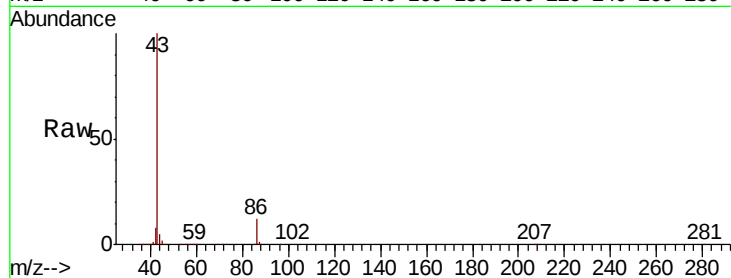




#23
 Vinyl Acetate
 Concen: 79.143 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

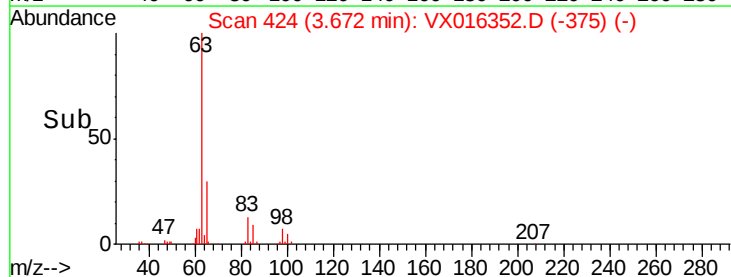
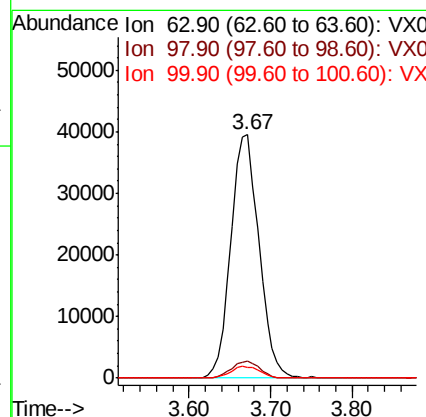
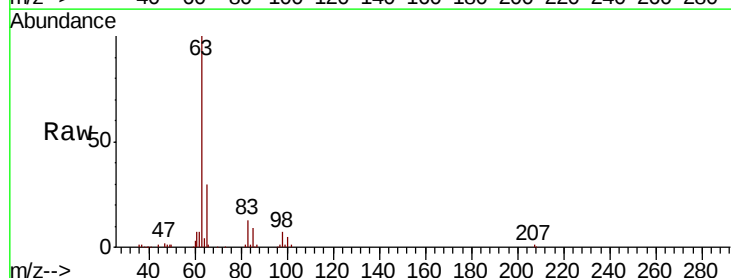
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 686471
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 17.084 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Tgt Ion: 63 Resp: 94220
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.5
 100 4.5 2.1 6.5





#25

2-Butanone

Concen: 80.489 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

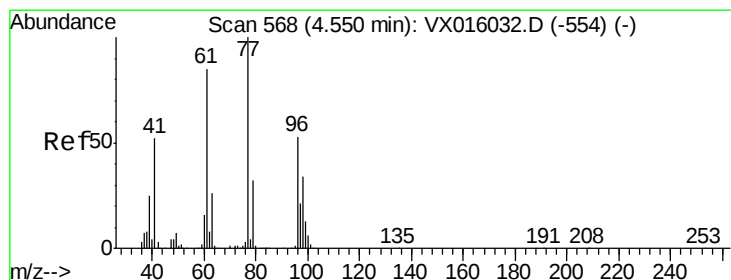
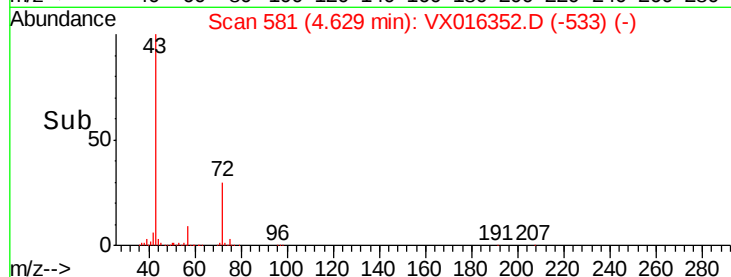
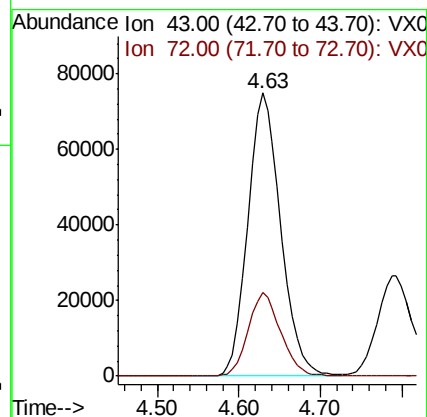
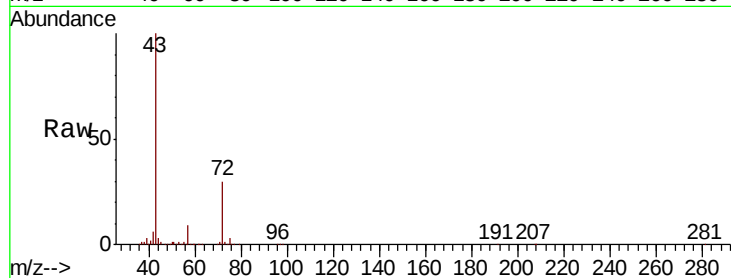
ClientSampleId :

Tot Ion: 43 Resp: 208799

Ion Ratio Lower Upper

43 100

72 29.5 21.8 32.8



#26

2,2-Dichloropropane

Concen: 17.200 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016352.D

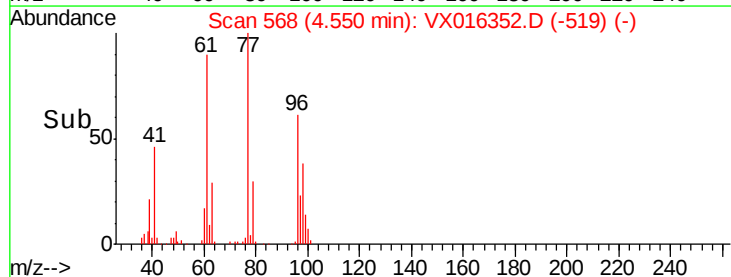
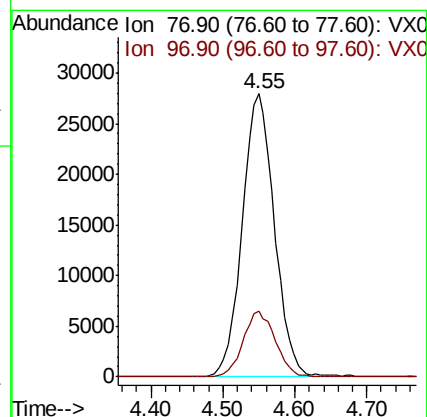
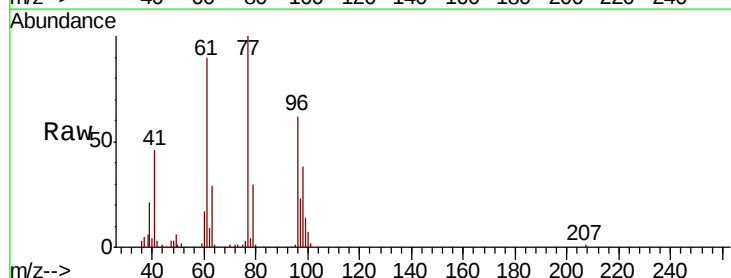
Acq: 20 May 2020 11:52

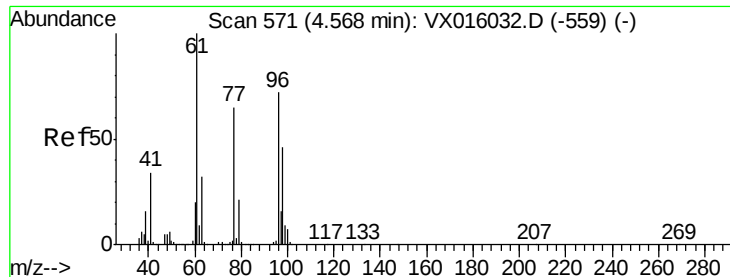
Tgt Ion: 77 Resp: 86632

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.6



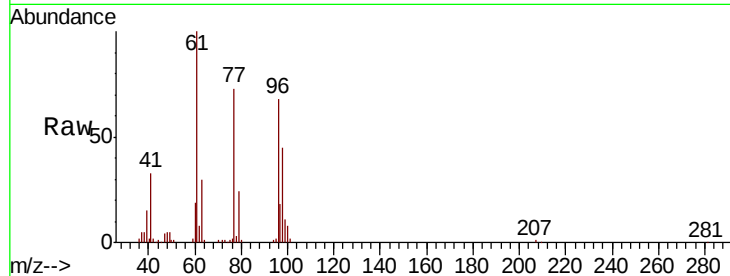


#27

cis-1,2-Dichloroethene
Concen: 17.407 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.8	0.0	296.2
98	64.2	0.0	129.4

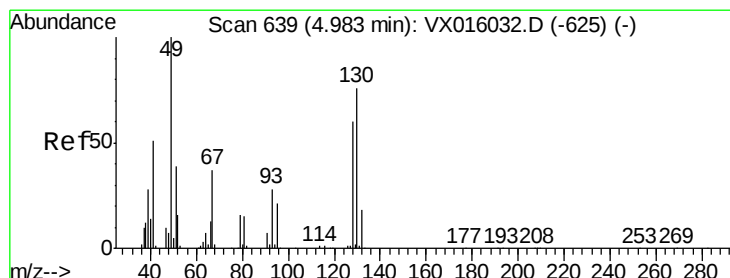
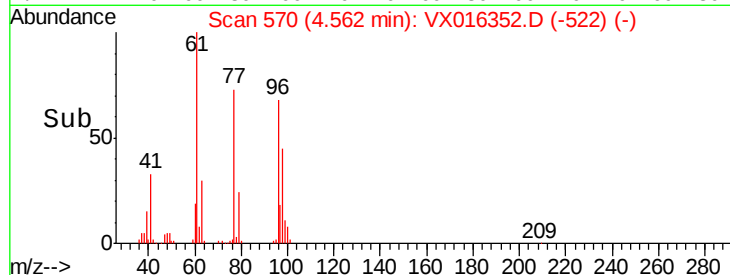
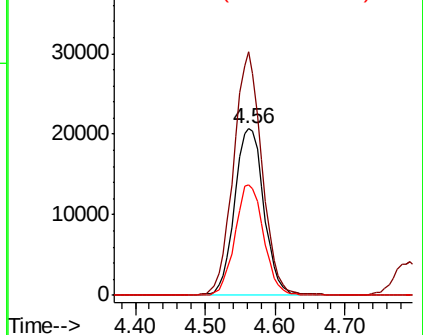


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

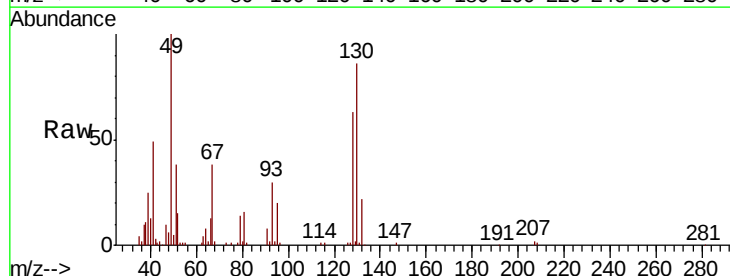
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 16.229 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	84.8	62.4	93.6

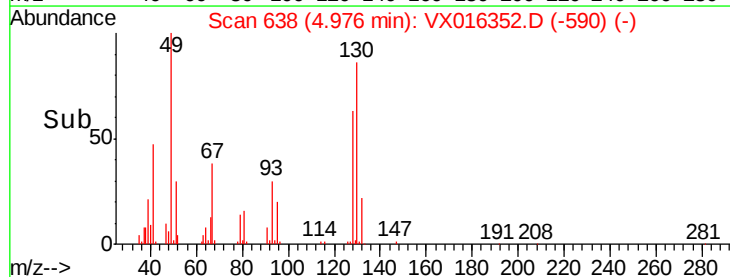
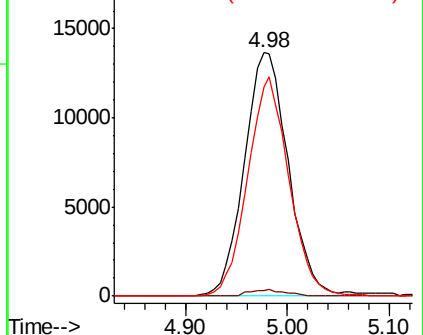


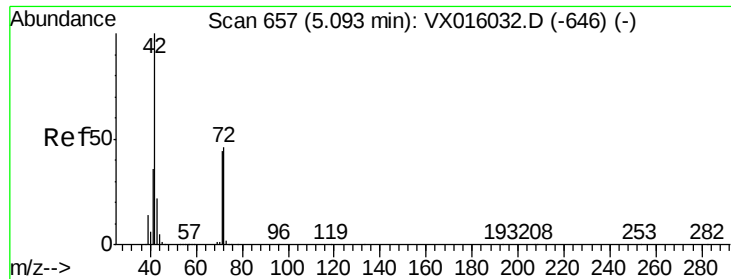
Abundance

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

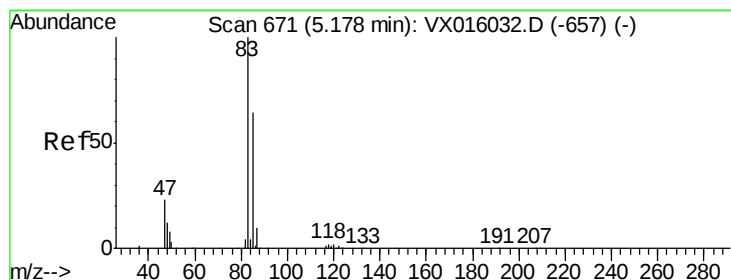
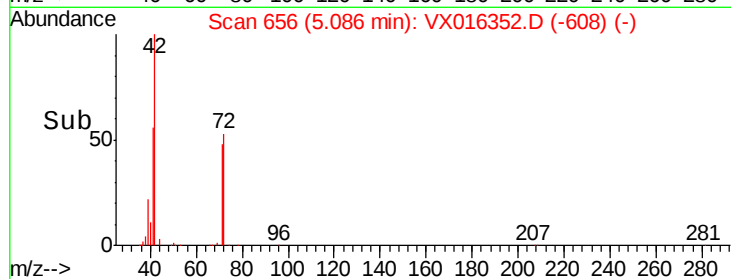
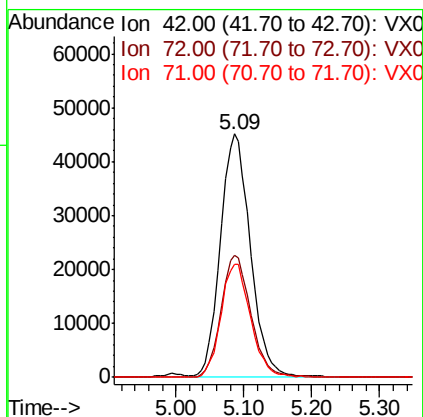
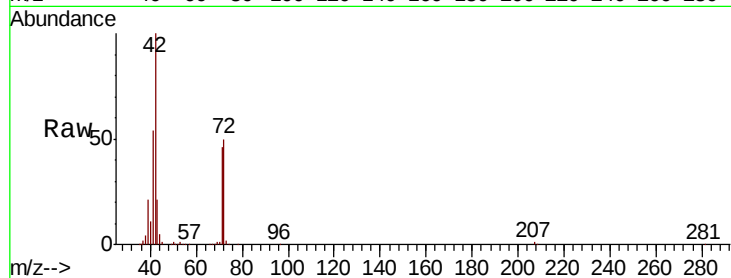




#29
Tetrahydrofuran
Concen: 80.013 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

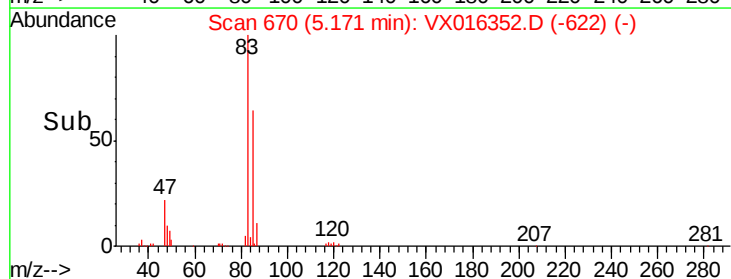
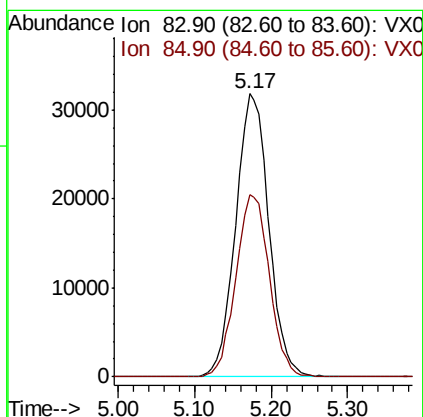
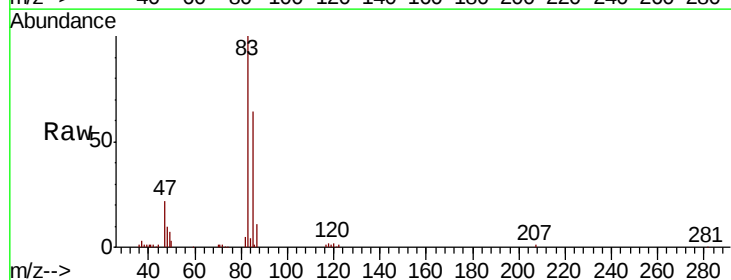
Instrument :
MSVOA_X
ClientSampled :

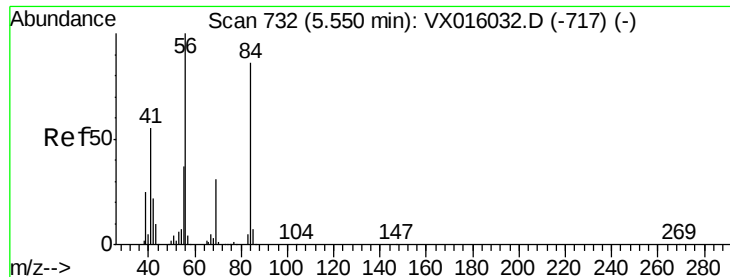
Tot Ion: 42 Resp: 137531
Ion Ratio Lower Upper
42 100
72 50.2 37.1 55.7
71 46.0 34.5 51.7



#30
Chloroform
Concen: 17.407 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion: 83 Resp: 95586
Ion Ratio Lower Upper
83 100
85 64.5 51.6 77.4

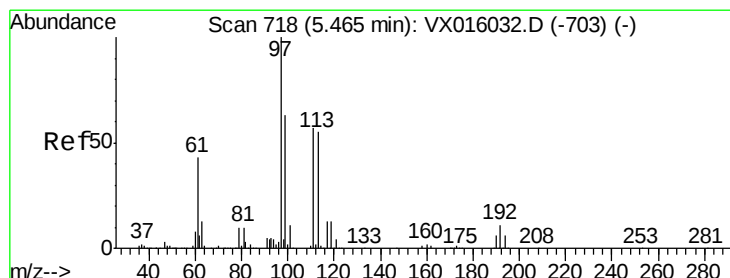
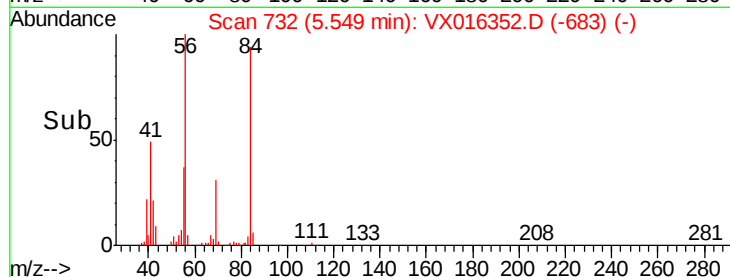
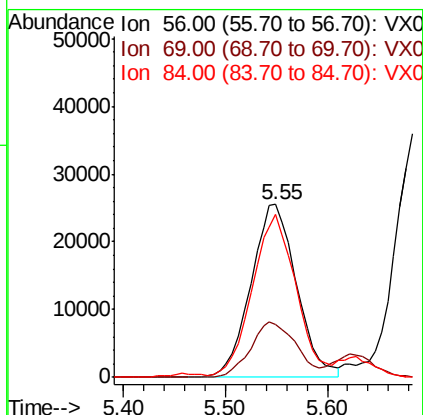
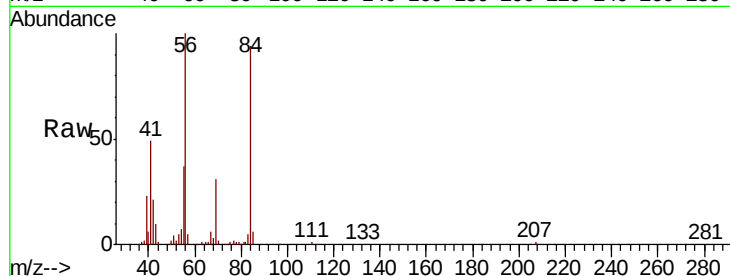




#31
Cyclohexane
Concen: 15.804 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

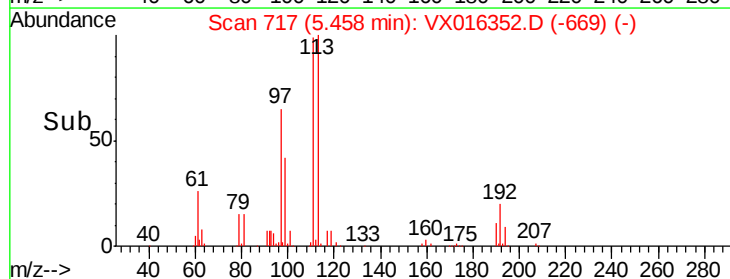
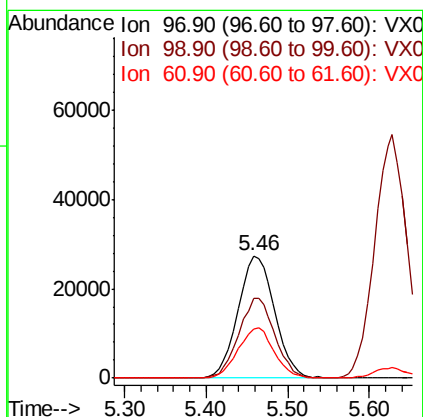
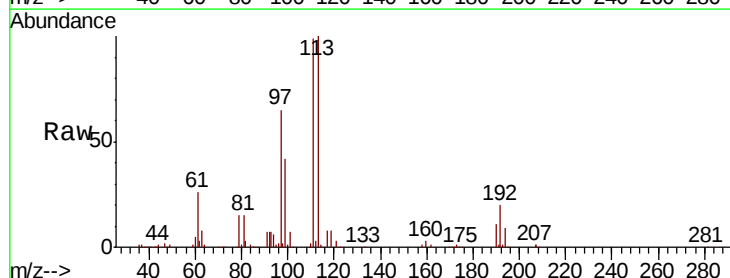
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 79214
Ion Ratio Lower Upper
56 100
69 30.8 25.0 37.6
84 92.3 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 17.063 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion: 97 Resp: 85167
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 40.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 41.231 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

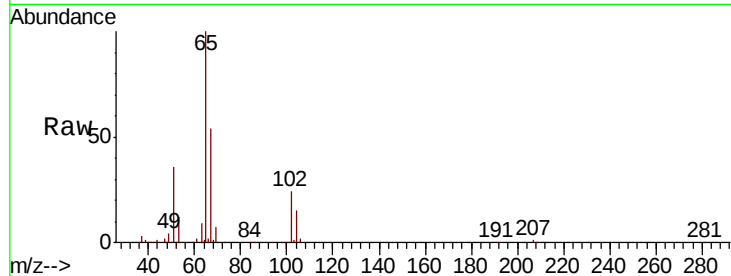
ClientSampleId :

Tot Ion: 65 Resp: 148762

Ion Ratio Lower Upper

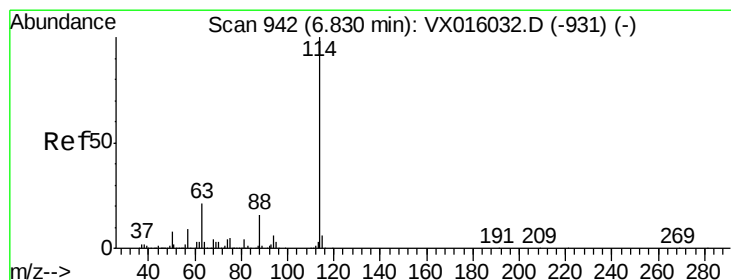
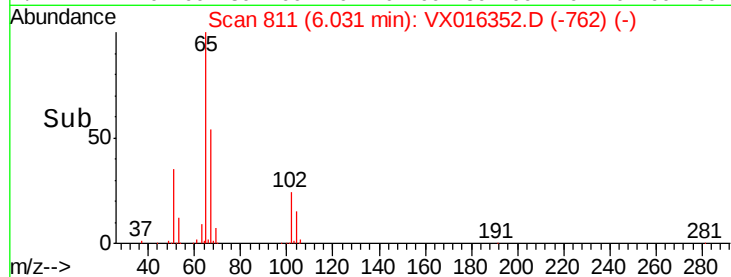
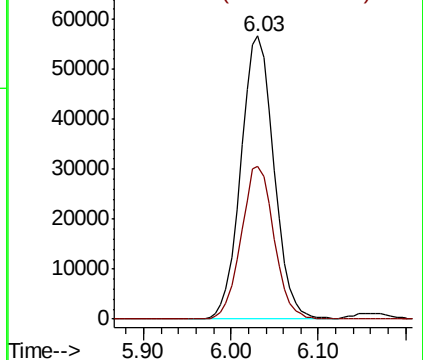
65 100

67 53.6 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

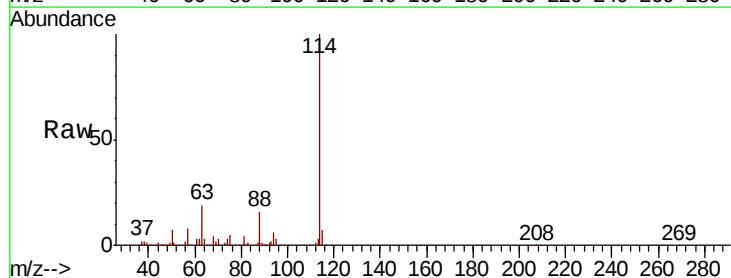
Tgt Ion: 114 Resp: 431387

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.8

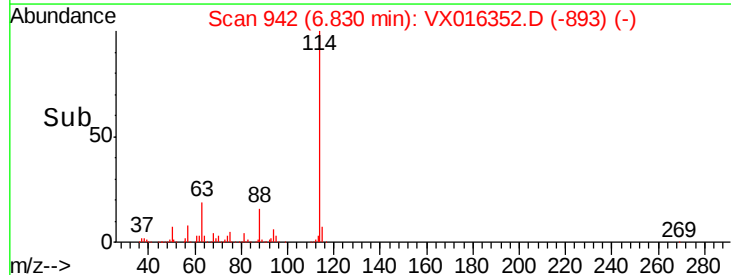
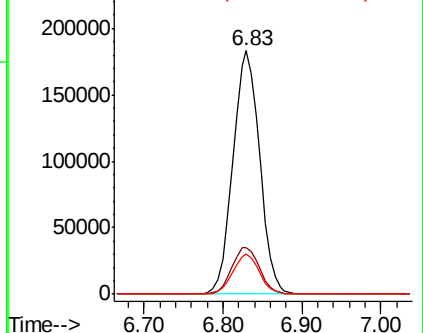
88 16.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

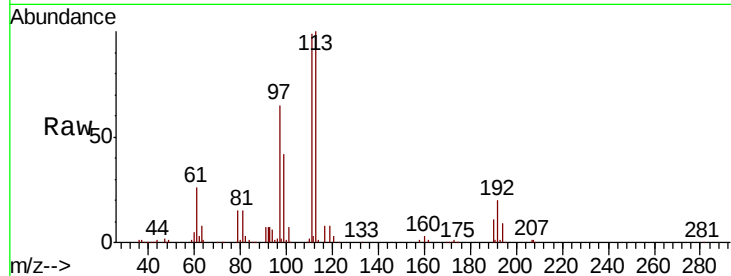




#35
 Dibromofluoromethane
 Concen: 44.572 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.6	122.4
192	22.0	17.0	25.4

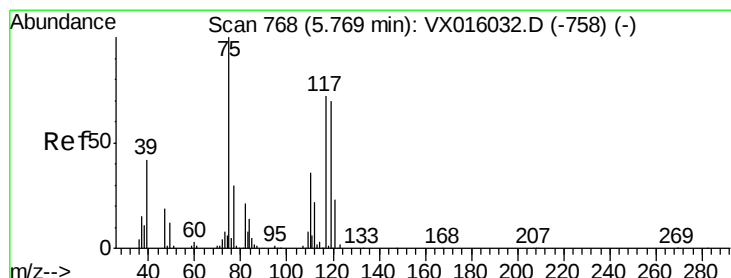
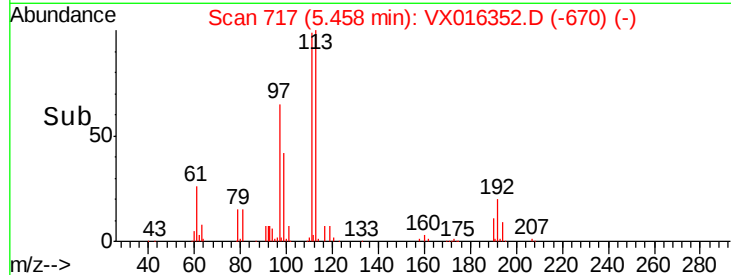
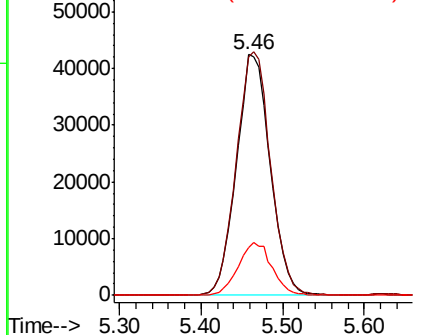


Abundance

Ion 112.80 (112.50 to 113.50): V

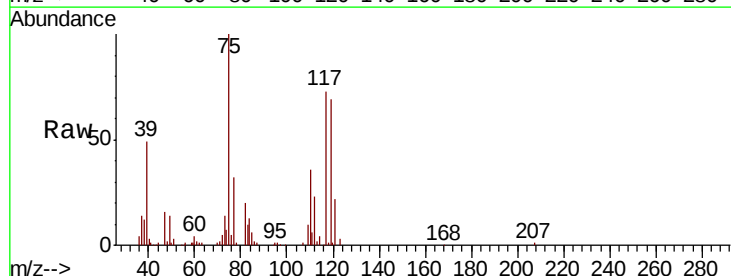
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 16.648 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.1	54.1
77	31.8	25.0	37.6

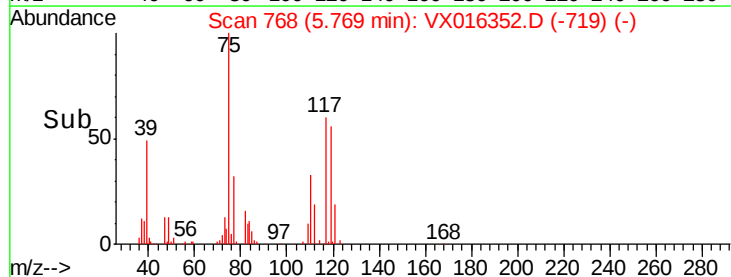
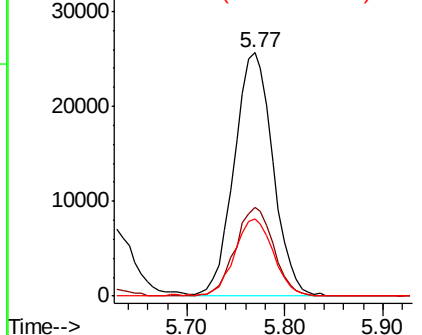


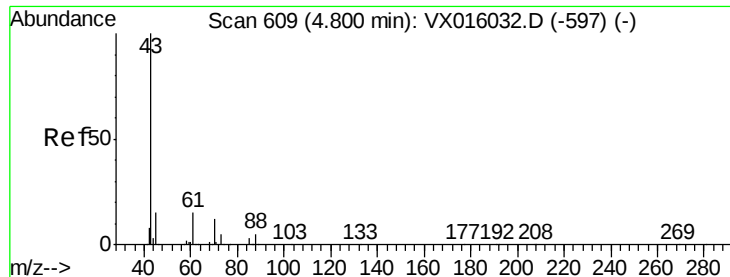
Abundance

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

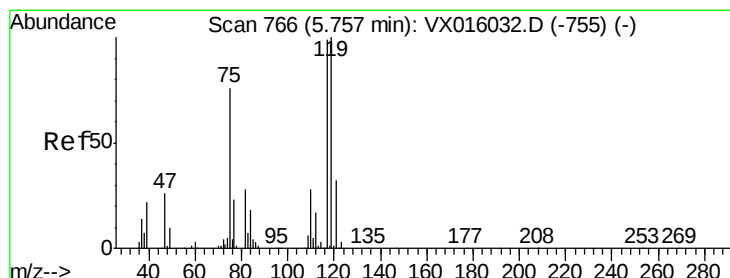
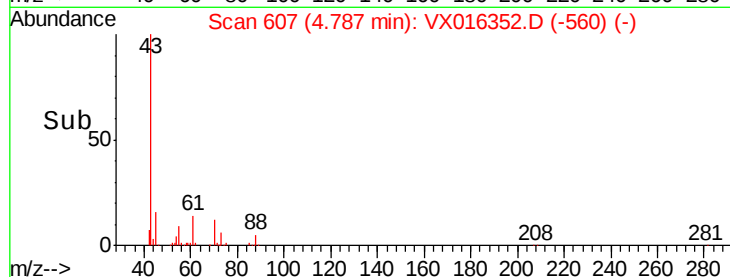
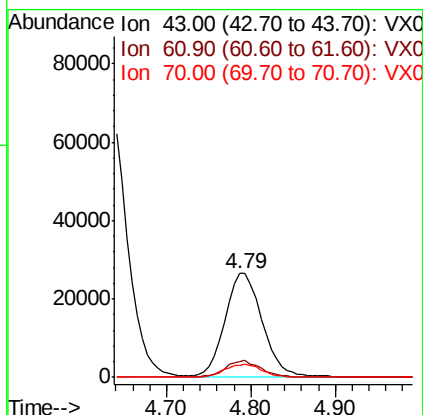
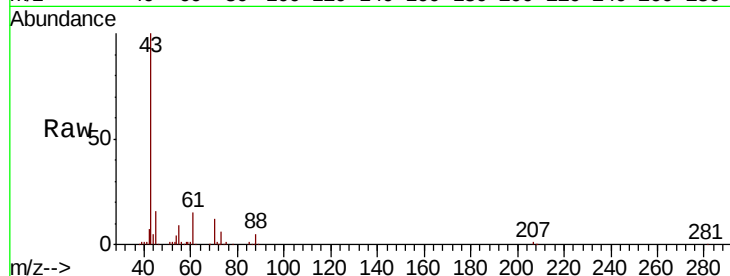




#37
Ethyl Acetate
Concen: 16.131 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

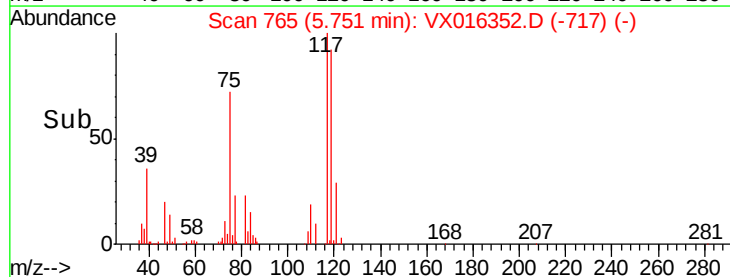
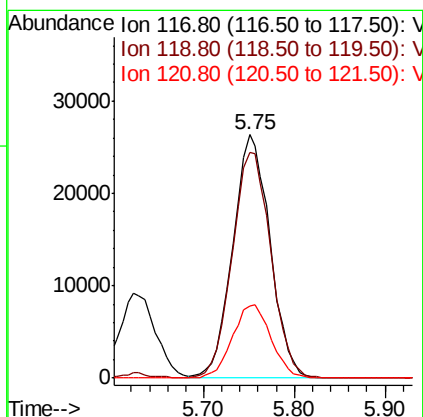
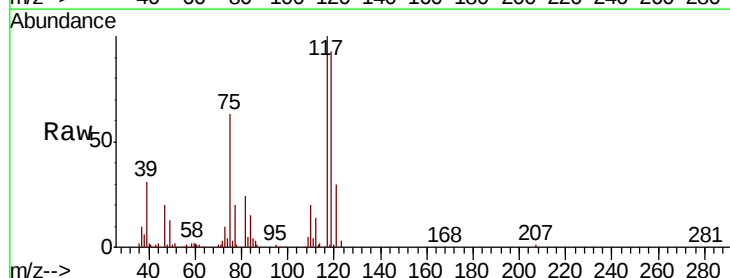
Instrument :
MSVOA_X
ClientSampleId :

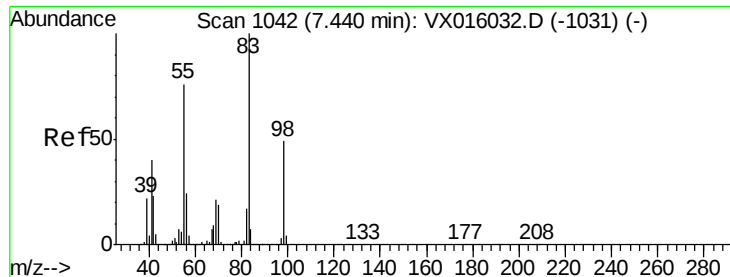
Tot Ion: 43 Resp: 79393
Ion Ratio Lower Upper
43 100
61 15.5 11.7 17.5
70 12.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 17.382 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion: 117 Resp: 75022
Ion Ratio Lower Upper
117 100
119 92.7 80.3 120.5
121 29.9 25.7 38.5

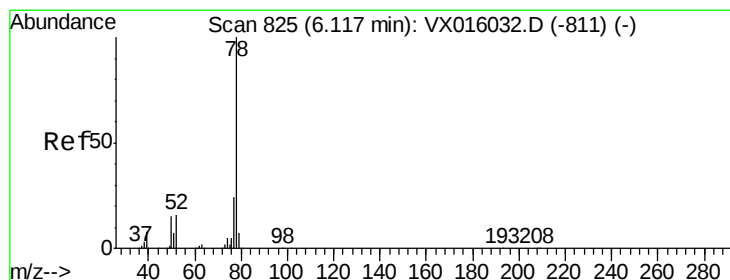
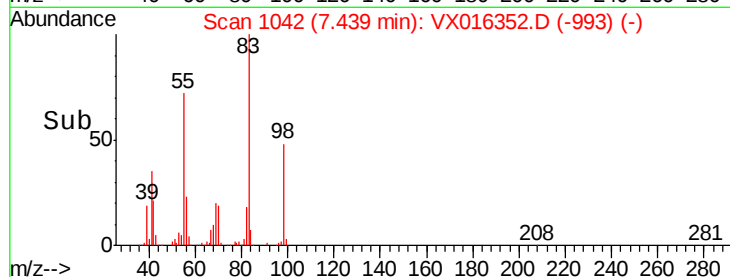
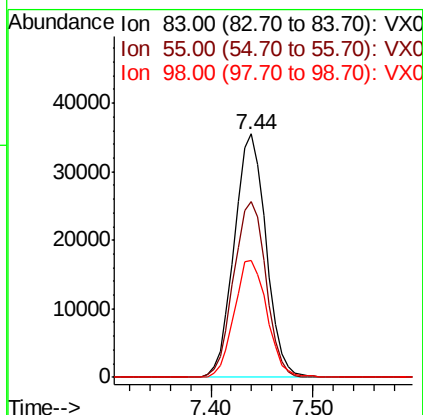
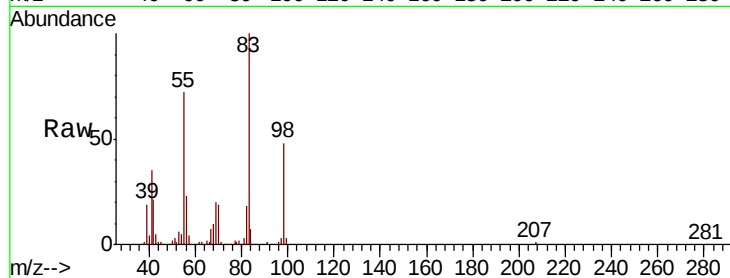




#39
Methvlcvclohexane
Concen: 15.028 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

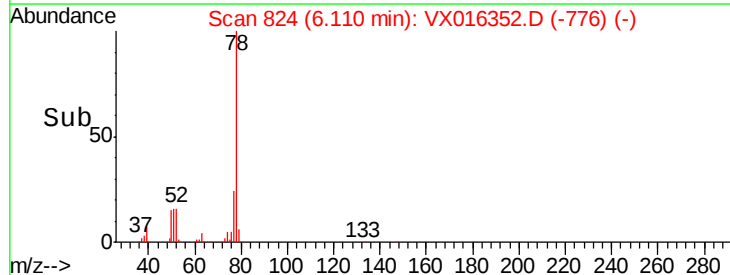
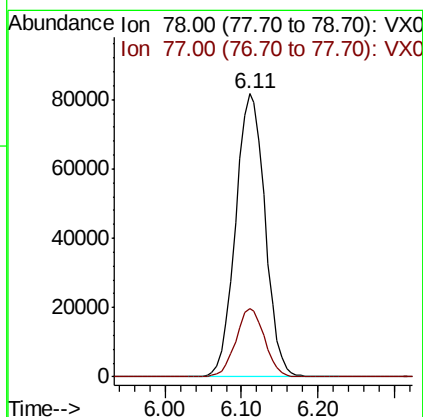
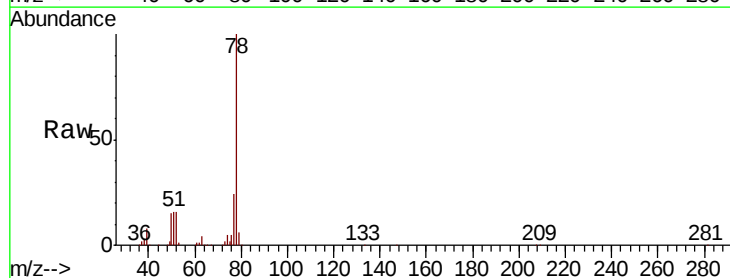
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 76849
Ion Ratio Lower Upper
83 100
55 71.9 61.1 91.7
98 48.2 39.0 58.4



#40
Benzene
Concen: 17.528 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion: 78 Resp: 217777
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4

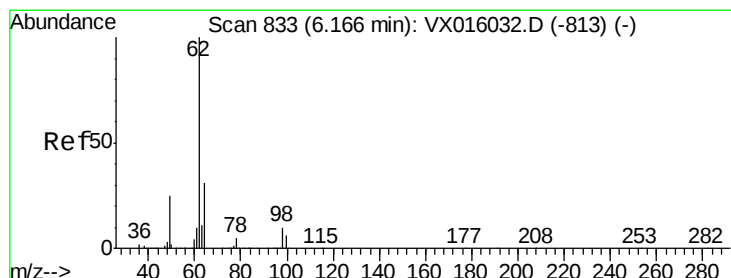
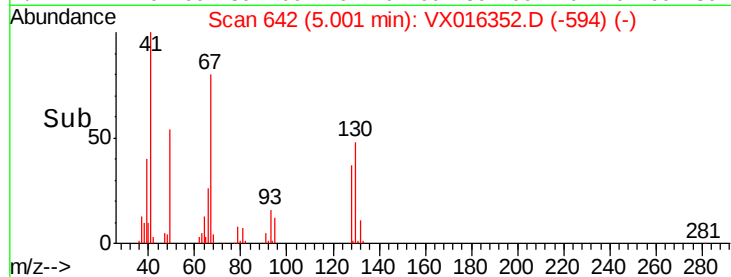
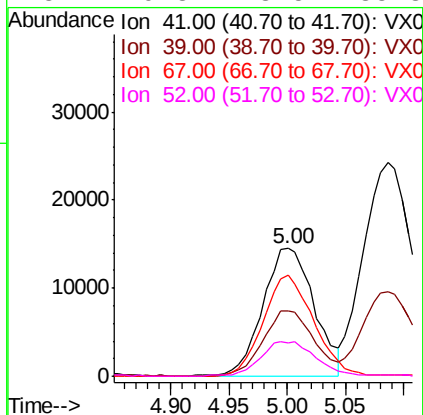
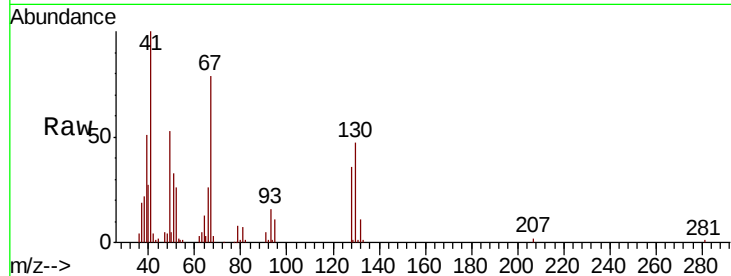




#41
Methacrylonitrile
Concen: 16.800 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

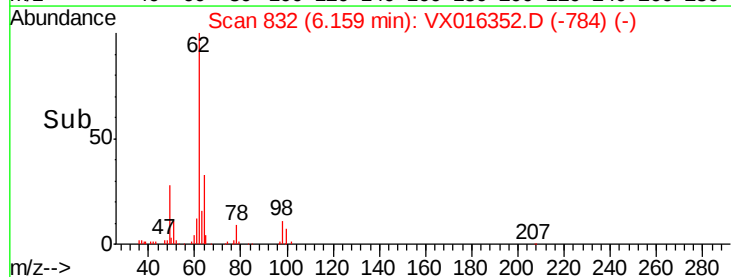
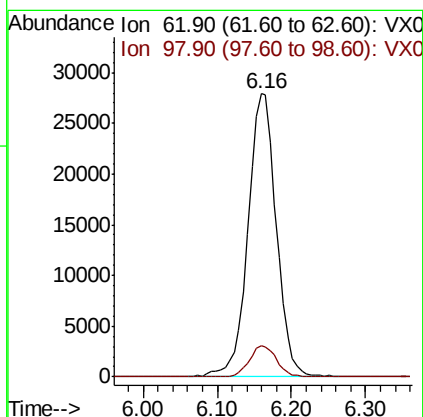
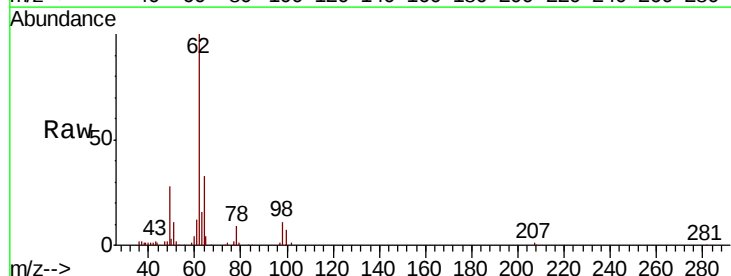
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	44653
Ion	Ratio	Lower	Upper
41	100		
39	50.8	43.2	64.8
67	78.4	59.3	88.9
52	29.8	23.5	35.3



#42
1,2-Dichloroethane
Concen: 16.655 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion:	62	Resp:	74545
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	19.4



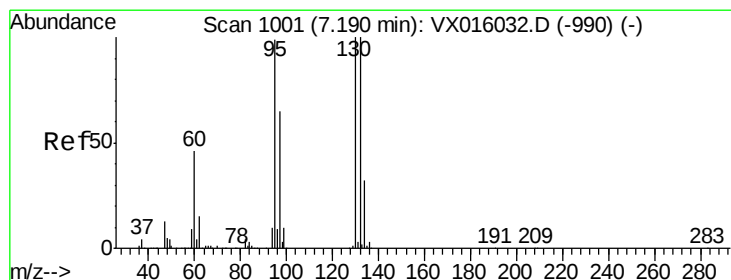
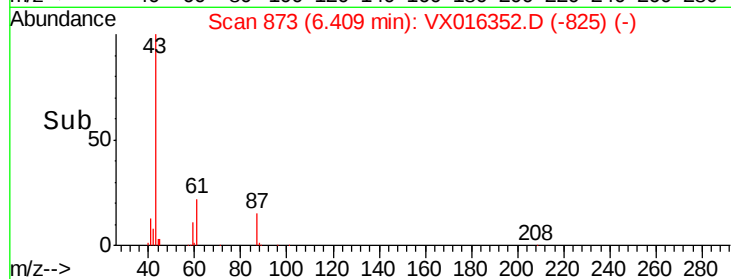
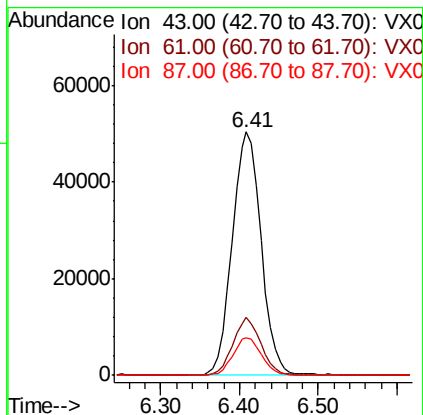
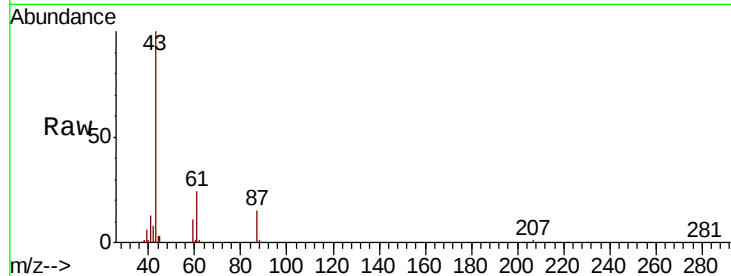


#43

Isopropyl Acetate
 Concen: 16.245 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Instrument :
 MSVOA_X
 ClientSampleId :

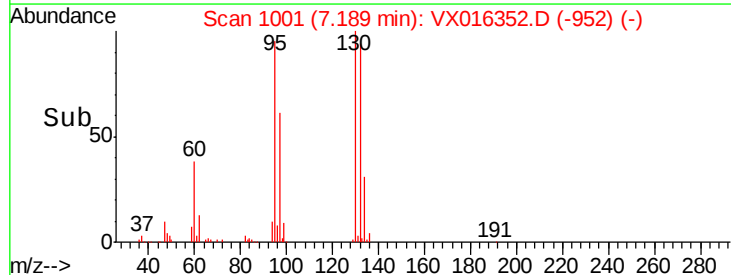
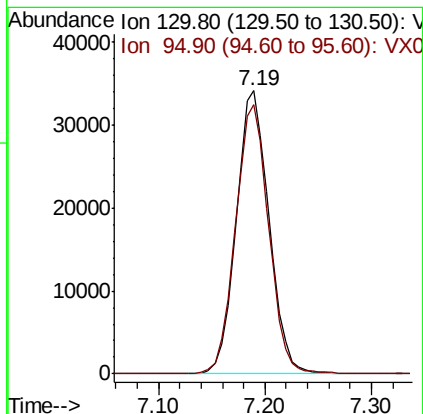
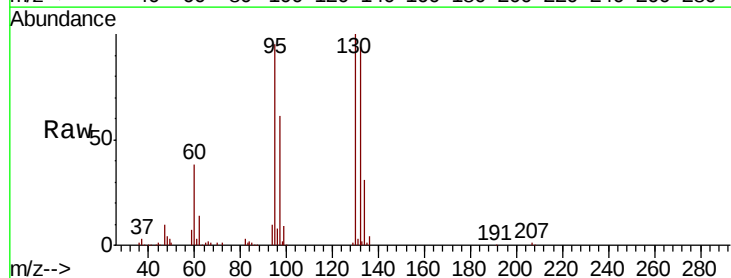
Tot Ion	Ratio	Lower	Upper
43	100		
61	23.1	17.0	25.4
87	15.3	11.0	16.6

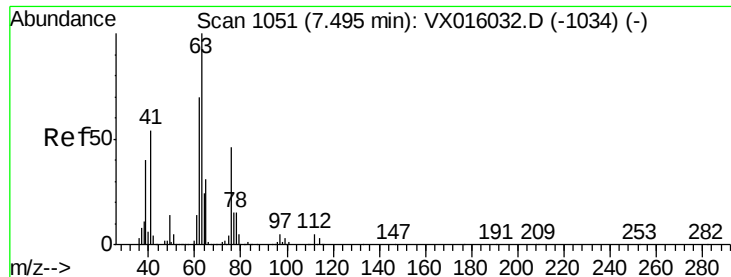


#44

Trichloroethene
 Concen: 16.710 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	197.4





#45

1,2-Dichloropropane

Concen: 18.004 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

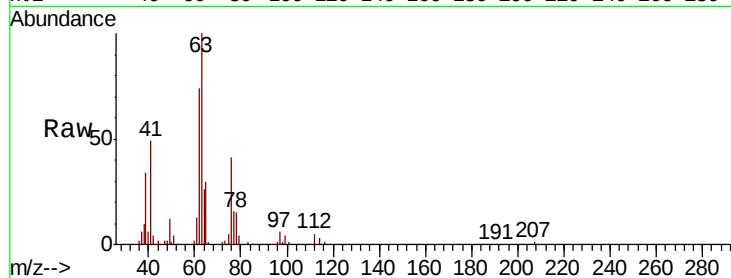
ClientSampleId :

Tot Ion: 63 Resp: 56602

Ion Ratio Lower Upper

63 100

65 30.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

30000

25000

20000

15000

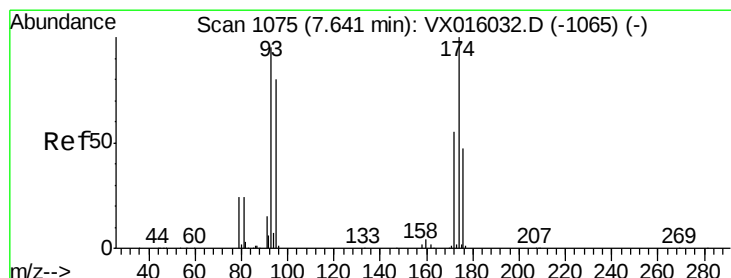
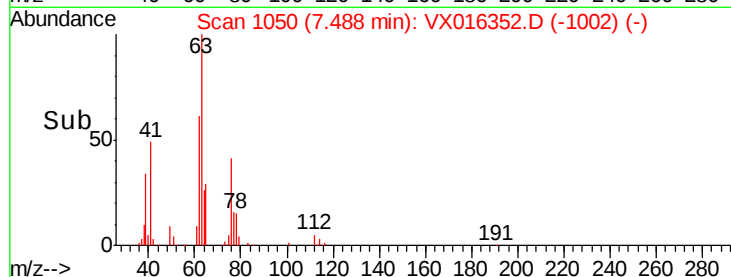
10000

5000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 17.469 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

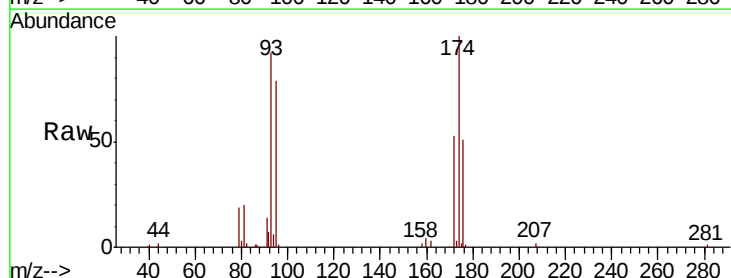
Tgt Ion: 93 Resp: 37323

Ion Ratio Lower Upper

93 100

95 83.4 66.6 100.0

174 105.0 84.2 126.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

25000

20000

15000

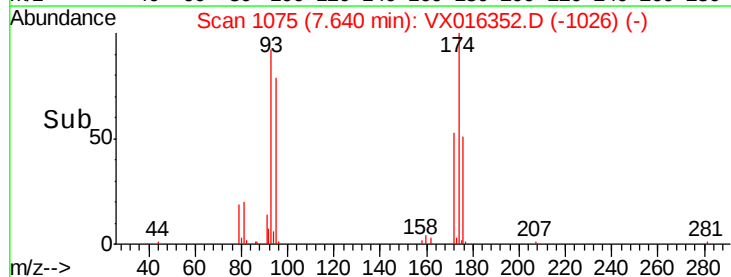
10000

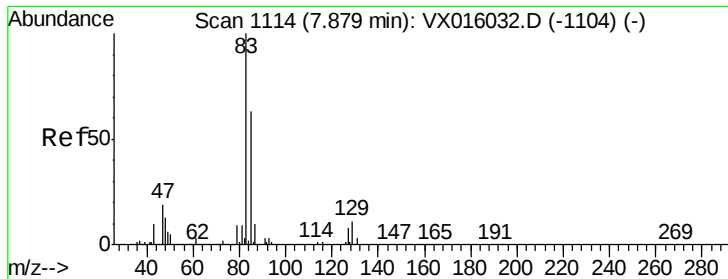
5000

0

7.60 7.70

Time-->





#47

Bromodichloromethane

Concen: 17.452 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :
MSVOA_X
ClientSampled :

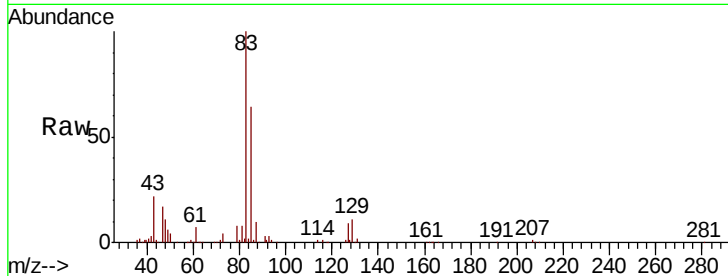
Tot Ion: 83 Resp: 75940

Ion Ratio Lower Upper

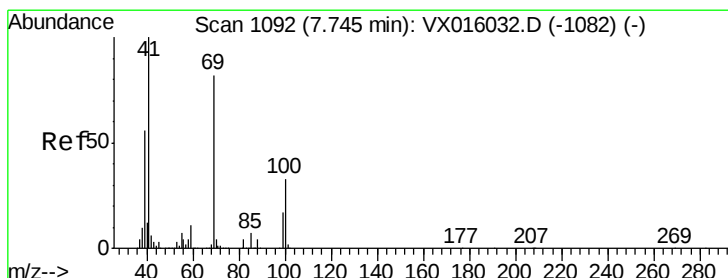
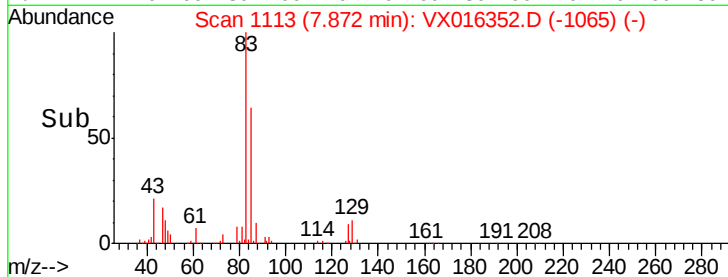
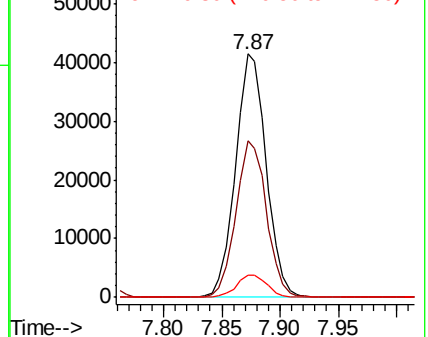
83 100

85 64.1 50.5 75.7

127 8.8 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: 15.912 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

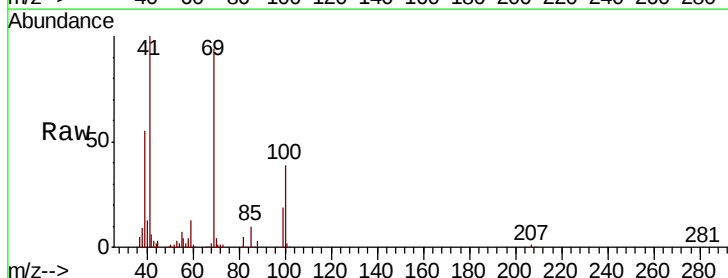
Tgt Ion: 41 Resp: 59208

Ion Ratio Lower Upper

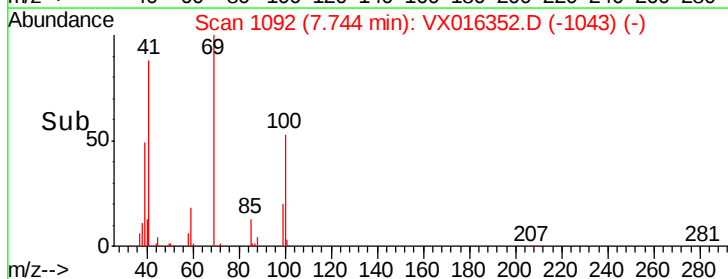
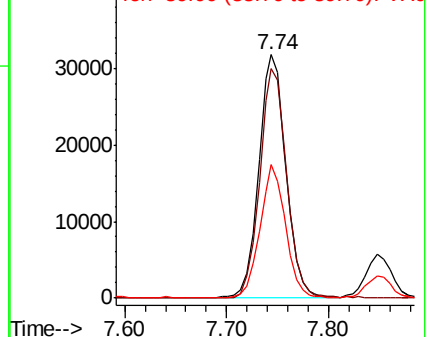
41 100

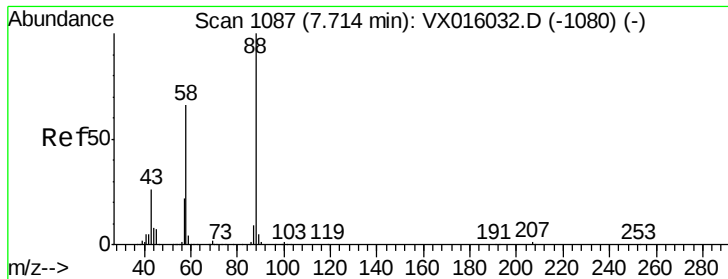
69 93.0 67.8 101.6

39 51.7 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: 308.778 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

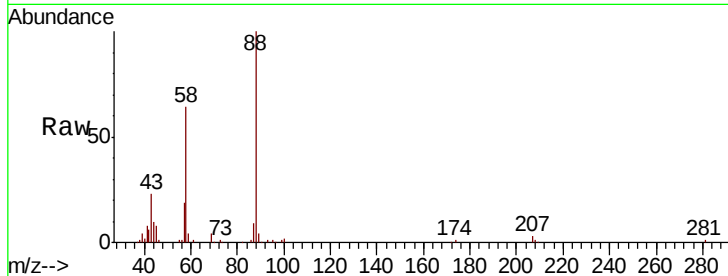
Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 27556

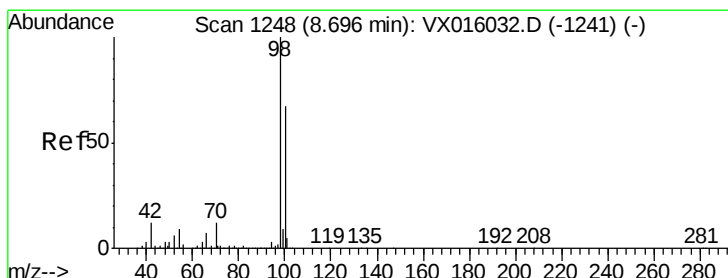
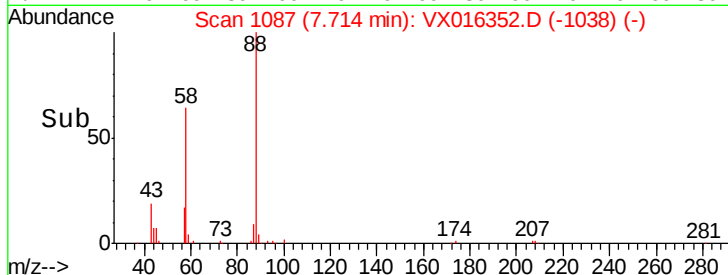
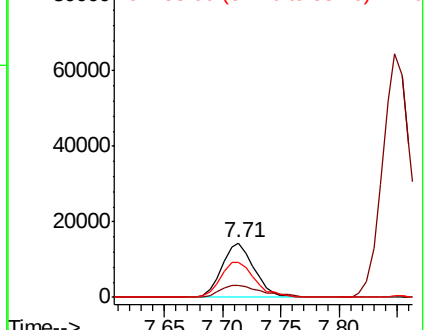
Ion	Ratio	Lower	Upper
88	100		
43	30.5	25.3	37.9
58	68.8	55.9	83.9



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: 45.611 ug/l

RT: 8.70 min Scan# 1248

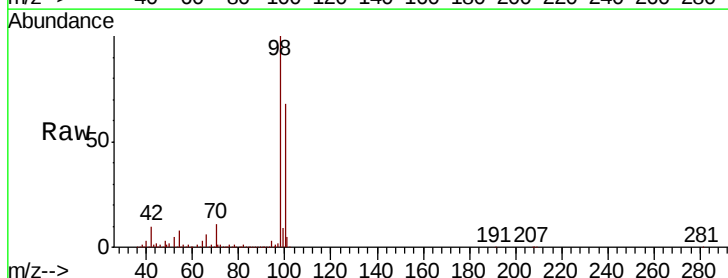
Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

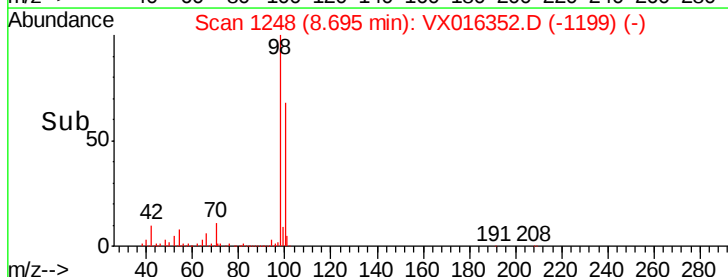
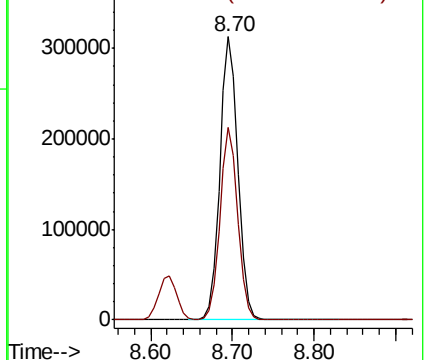
Tgt Ion: 98 Resp: 480307

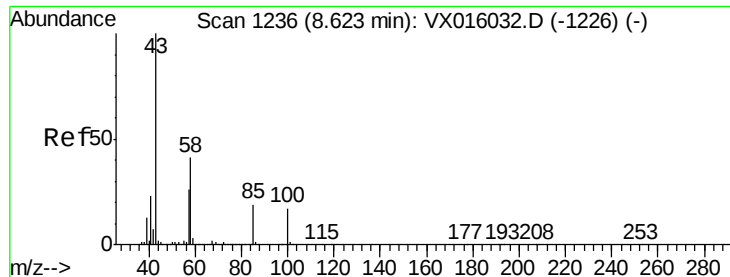
Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.7	80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

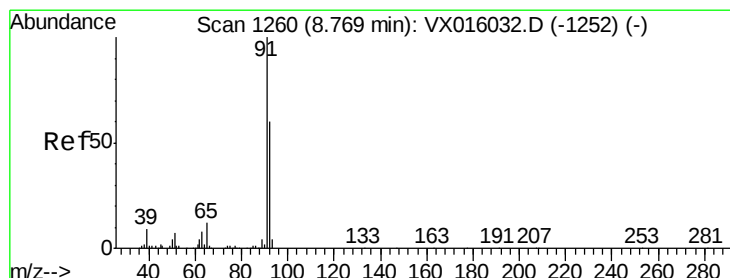
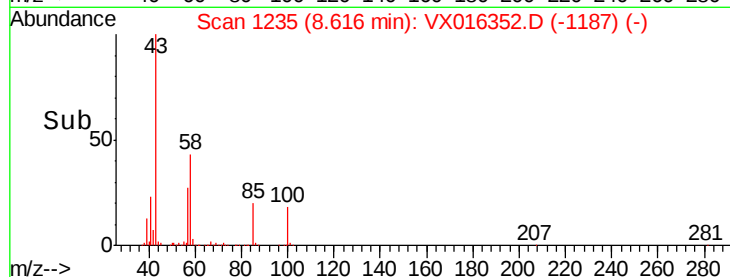
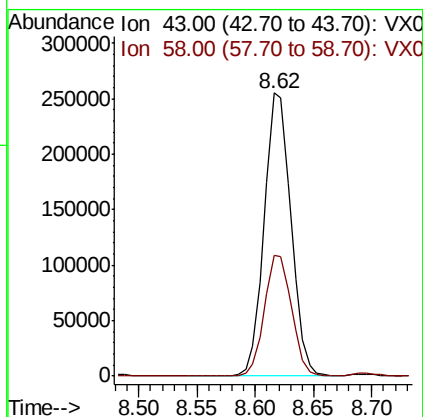
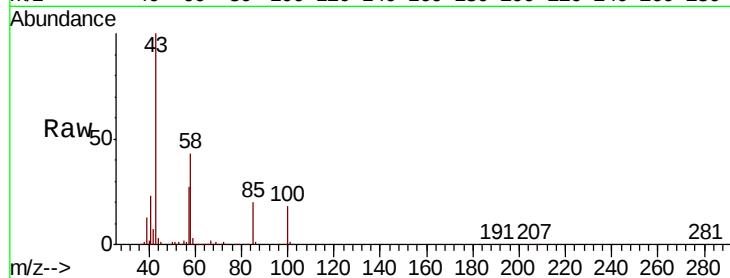




#51
 4-Methyl-2-Pentanone
 Concen: 84.280 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

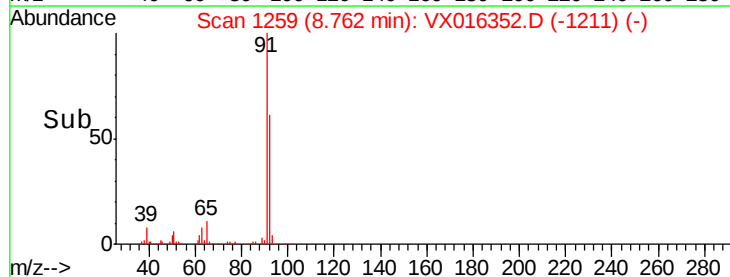
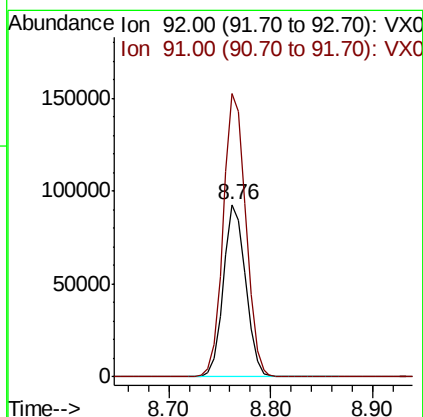
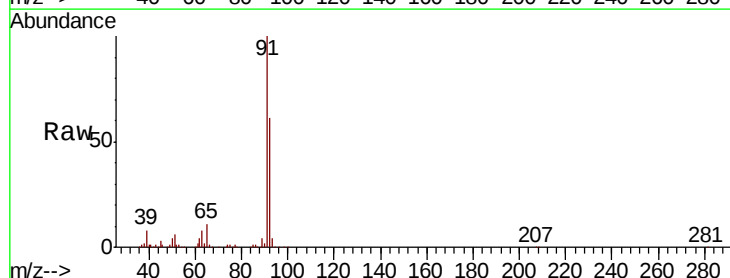
Instrument :
 MSVOA_X
 ClientSampled :

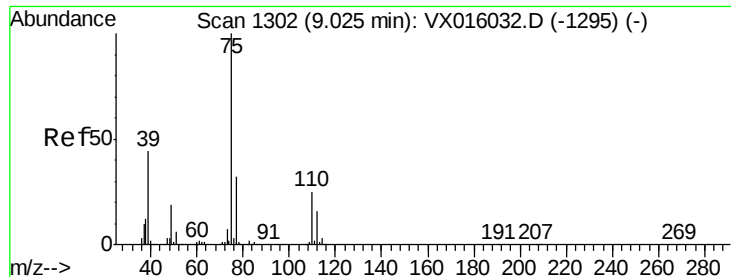
Tot Ion: 43 Resp: 405000
 Ion Ratio Lower Upper
 43 100
 58 43.2 33.0 49.4



#52
 Toluene
 Concen: 18.088 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Tgt Ion: 92 Resp: 140082
 Ion Ratio Lower Upper
 92 100
 91 167.5 134.5 201.7

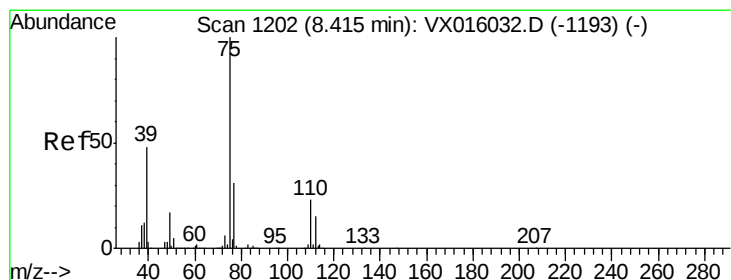
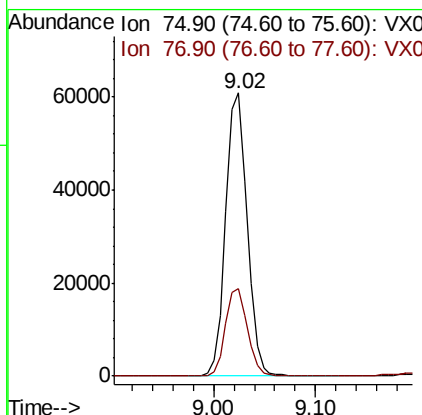
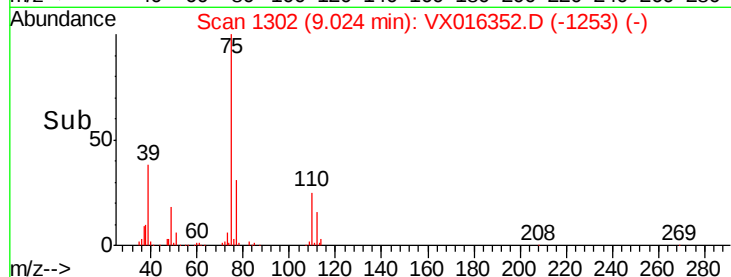
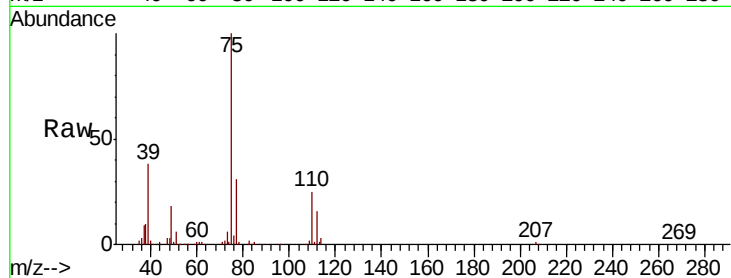




#53
t-1,3-Dichloropropene
Concen: 17.163 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

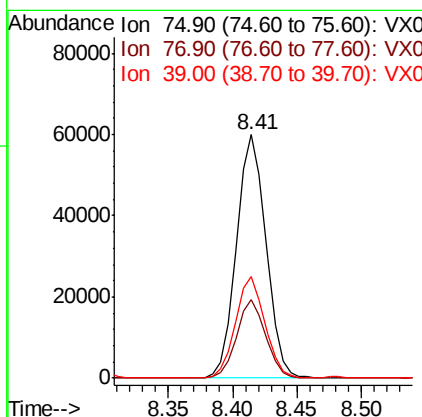
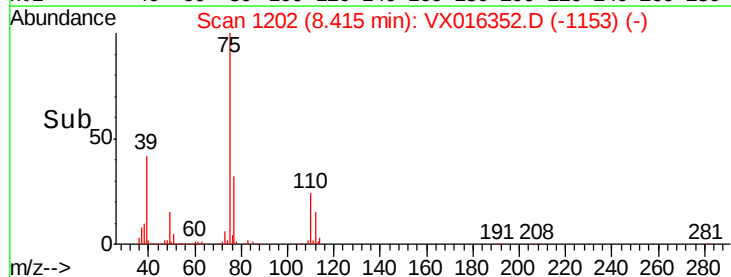
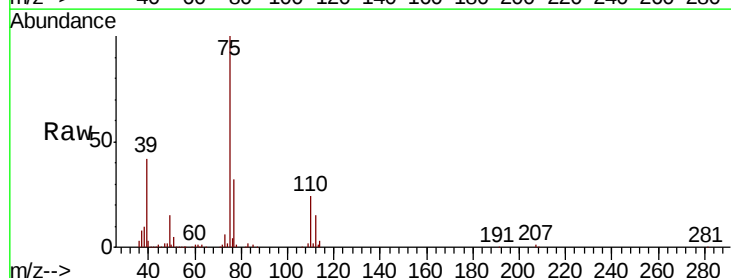
Instrument :
MSVOA_X
ClientSampleId :

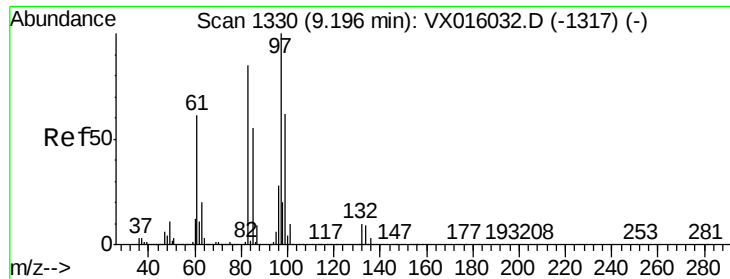
Tot Ion: 75 Resp: 89044
Ion Ratio Lower Upper
75 100
77 31.0 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 17.601 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion: 75 Resp: 95380
Ion Ratio Lower Upper
75 100
77 32.1 24.7 37.1
39 41.6 38.7 58.1

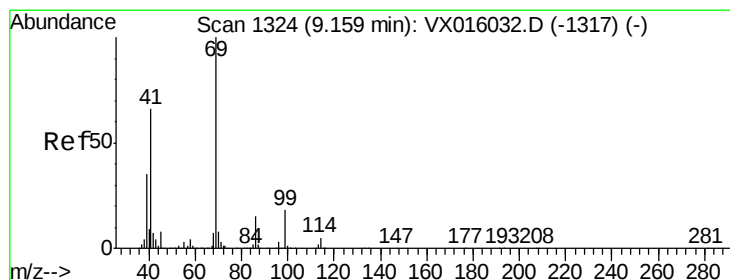
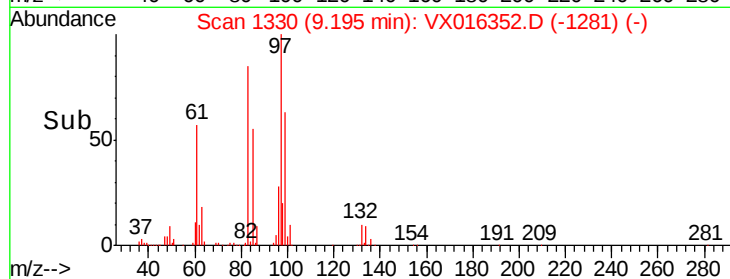
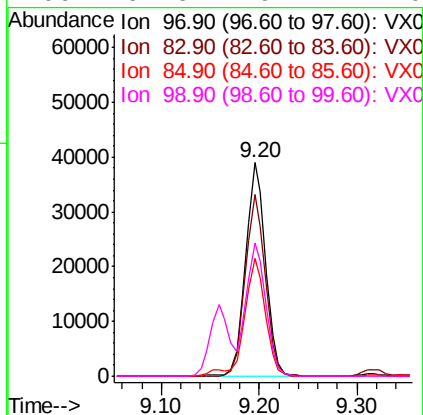
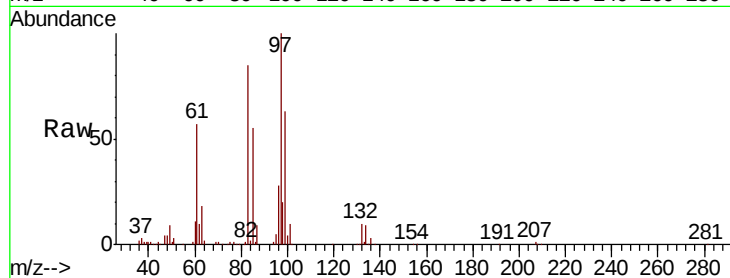




#55
 1,1,2-Trichloroethane
 Concen: 18.148 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

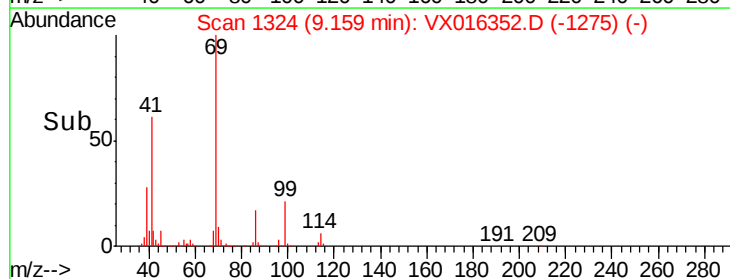
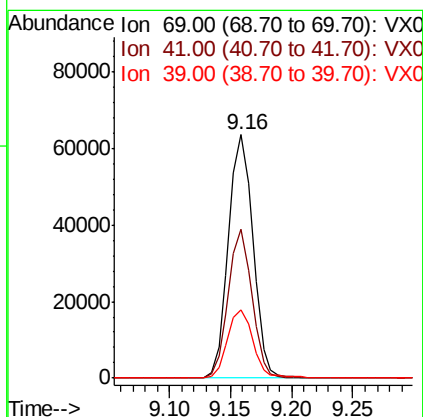
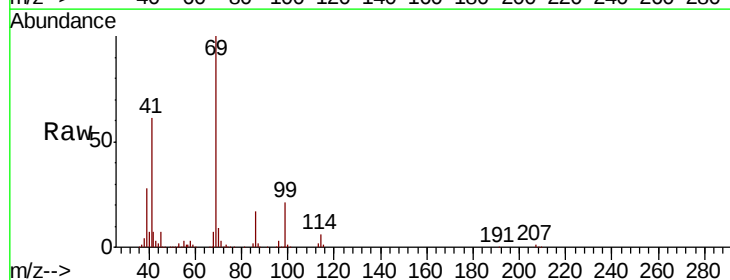
Instrument :
 MSVOA_X
 ClientSampleId :

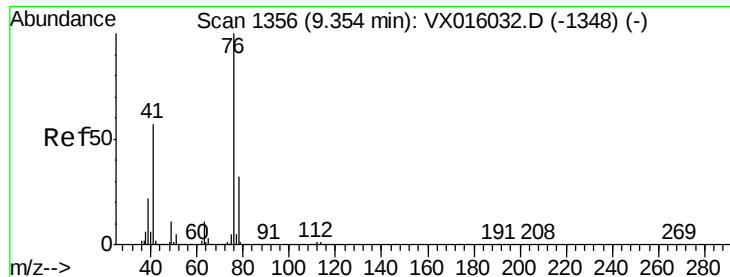
Tot Ion:	97	Resp:	55297
Ion	Ratio	Lower	Upper
97	100		
83	85.0	67.8	101.8
85	55.2	43.8	65.8
99	62.6	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 17.765 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Tgt Ion:	69	Resp:	88358
Ion	Ratio	Lower	Upper
69	100		
41	59.5	52.2	78.4
39	29.1	28.2	42.4





#57

1,3-Dichloropropane

Concen: 17.991 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

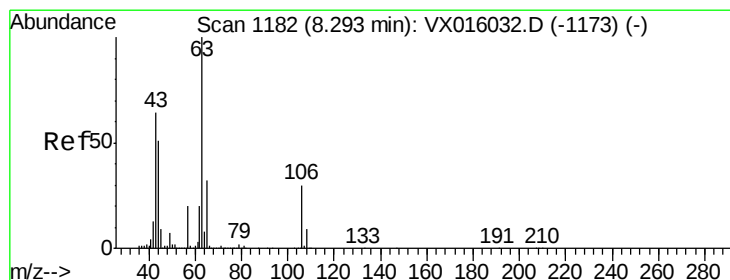
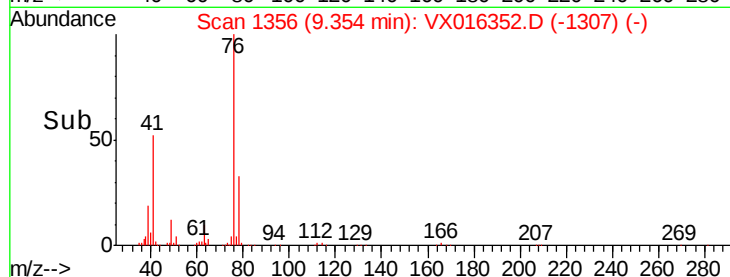
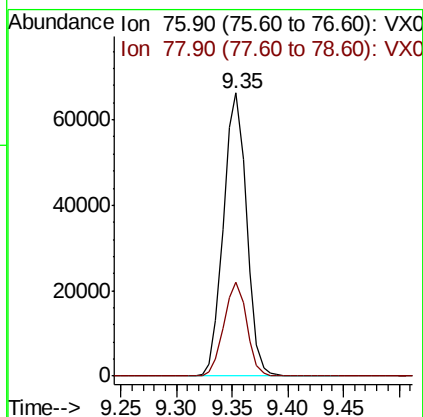
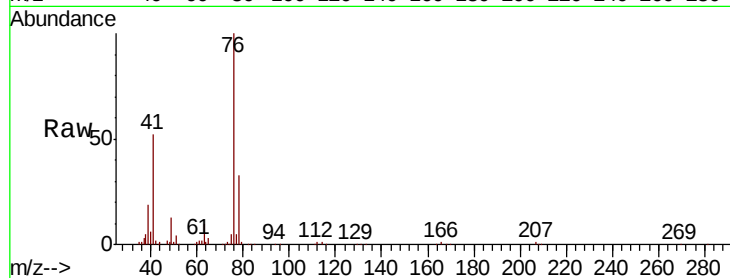
ClientSampleId :

Tot Ion: 76 Resp: 95650

Ion Ratio Lower Upper

76 100

78 33.1 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 83.491 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016352.D

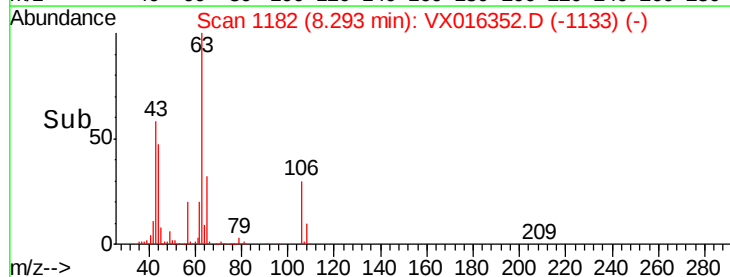
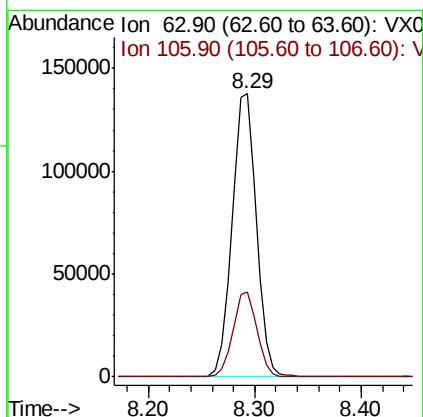
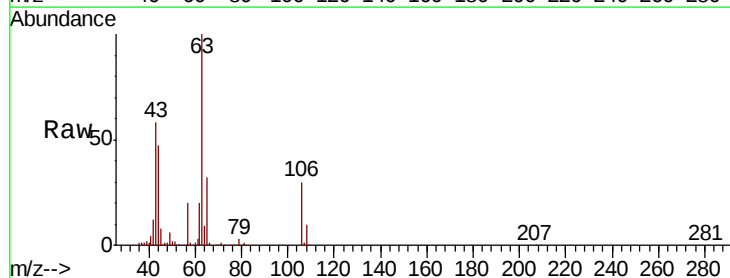
Acq: 20 May 2020 11:52

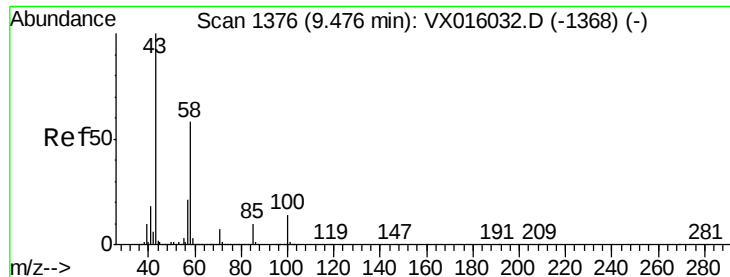
Tgt Ion: 63 Resp: 221071

Ion Ratio Lower Upper

63 100

106 29.8 23.4 35.2

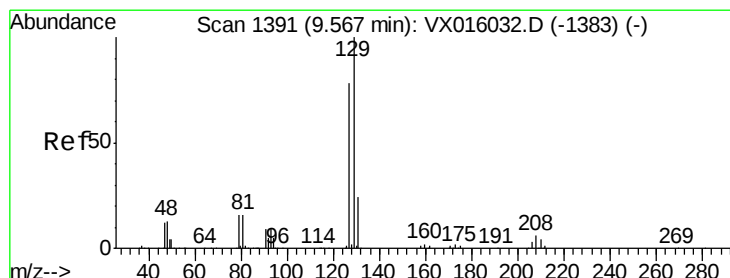
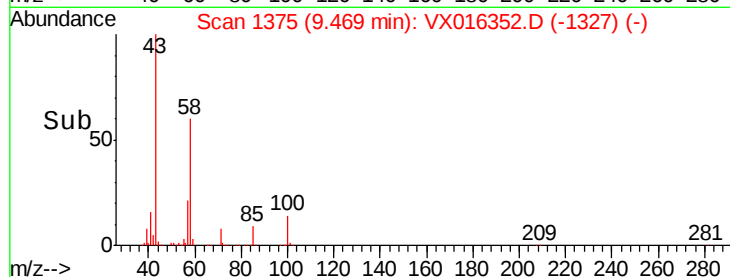
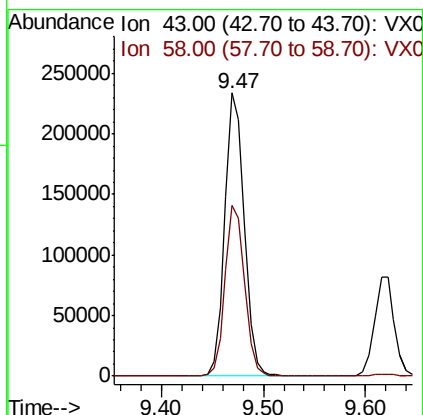
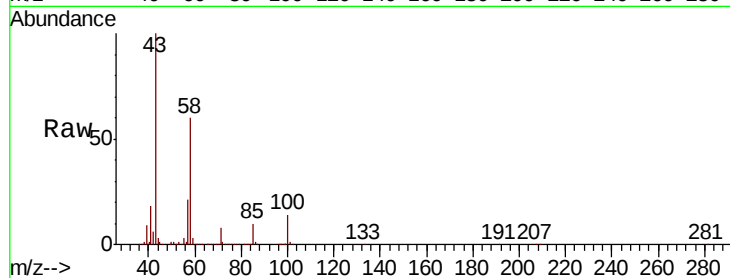




#59
2-Hexanone
Concen: 82.173 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

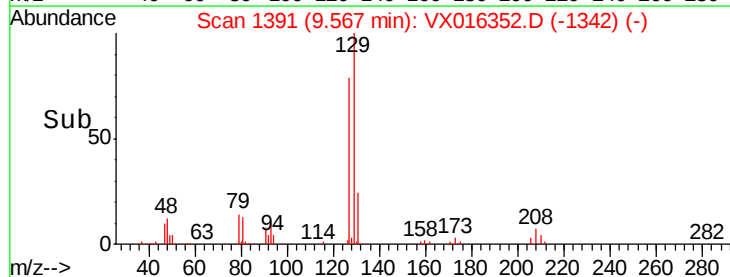
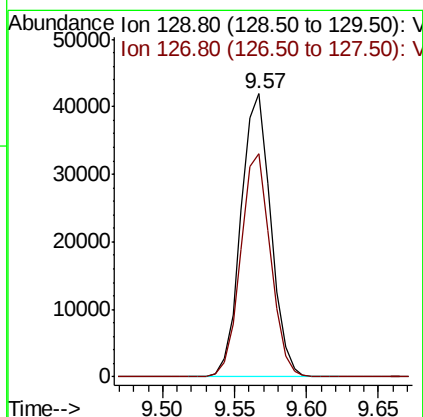
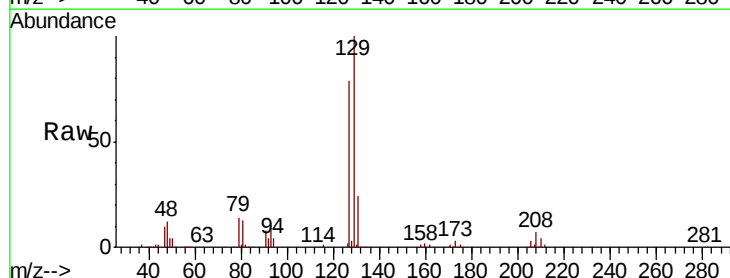
Instrument :
MSVOA_X
ClientSampleId :

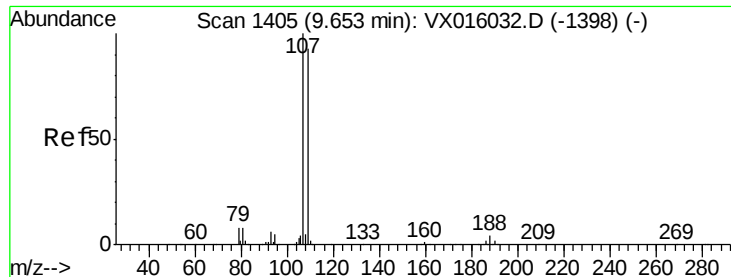
Tot Ion: 43 Resp: 310106
Ion Ratio Lower Upper
43 100
58 60.5 28.6 85.9



#60
Dibromochloromethane
Concen: 17.955 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion: 129 Resp: 60254
Ion Ratio Lower Upper
129 100
127 78.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 17.793 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

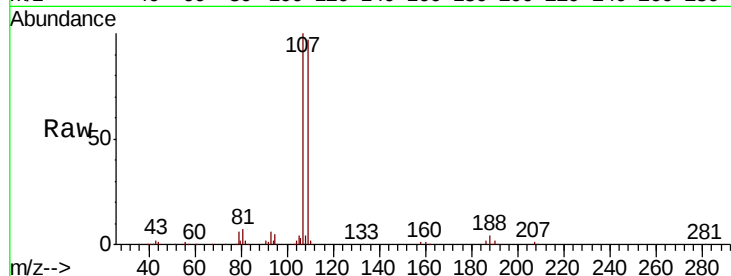
ClientSampleId :

Tot Ion:107 Resp: 58724

Ion Ratio Lower Upper

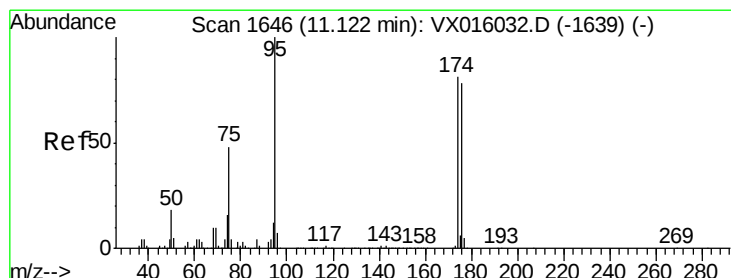
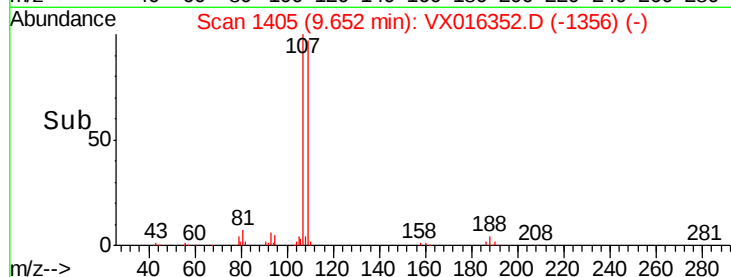
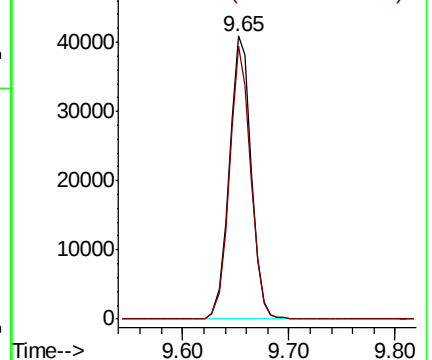
107 100

109 94.1 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: 45.790 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

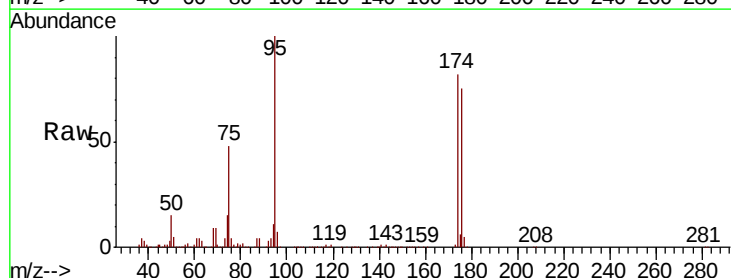
Tgt Ion: 95 Resp: 183403

Ion Ratio Lower Upper

95 100

174 80.2 0.0 159.4

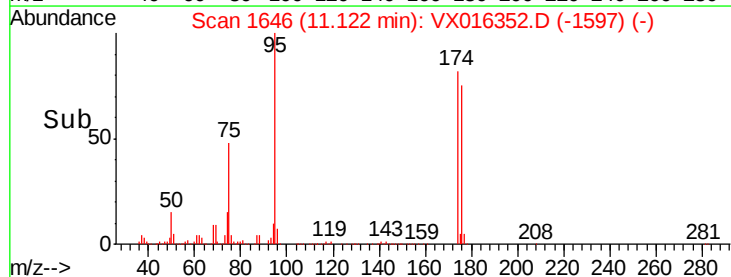
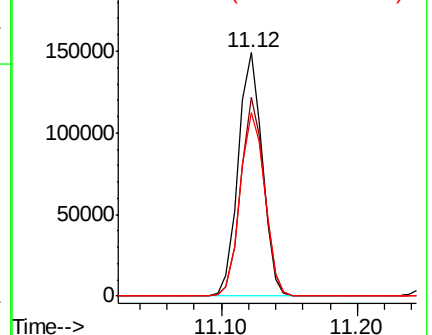
176 77.5 0.0 157.6



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

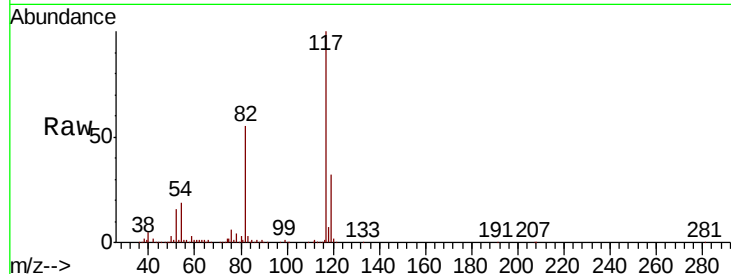




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.4	66.6
119	31.9	25.5	38.3

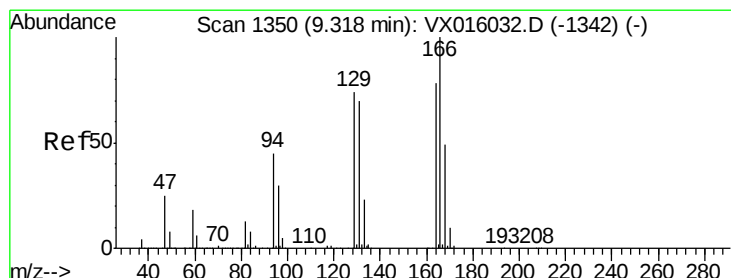
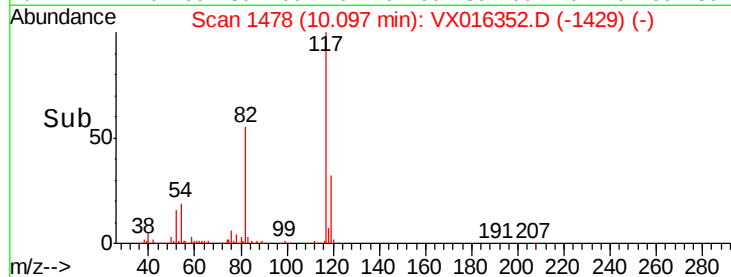
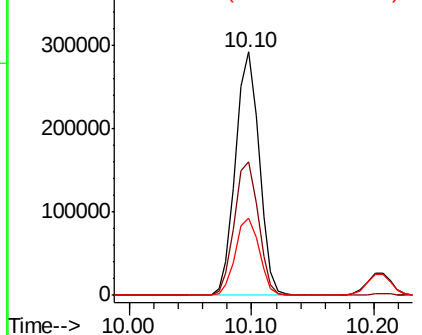


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 17.495 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	102.9	154.3
129	94.8	76.1	114.1
131	91.8	71.9	107.9

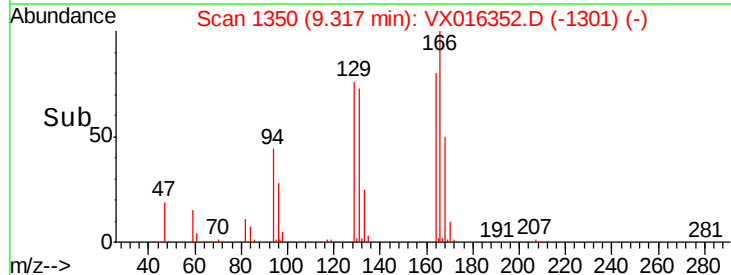
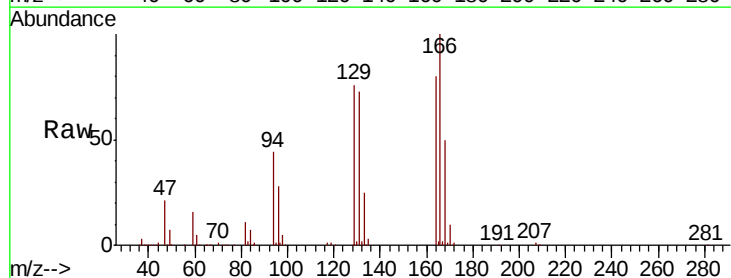
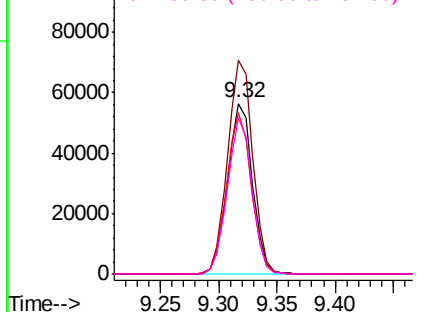
Abundance

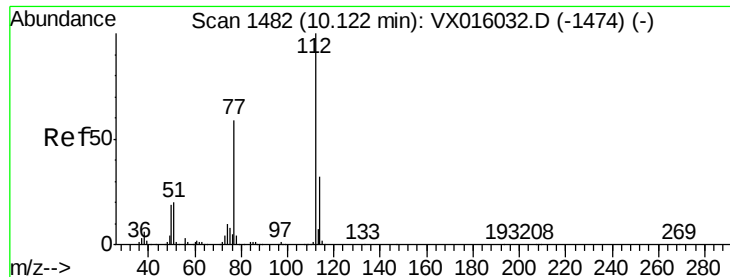
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

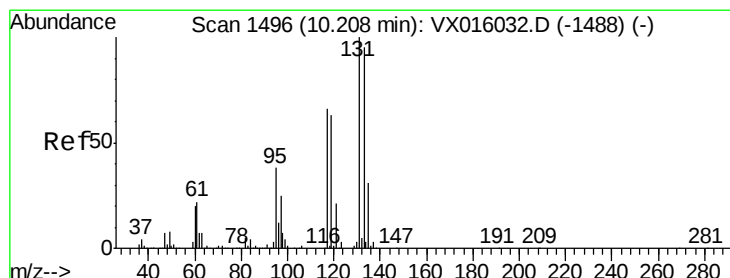
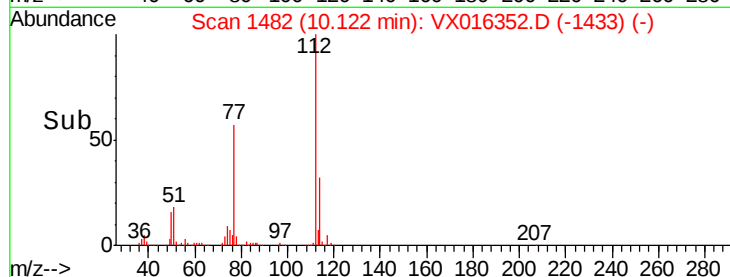
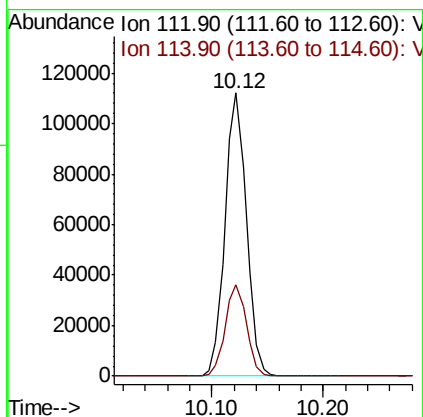
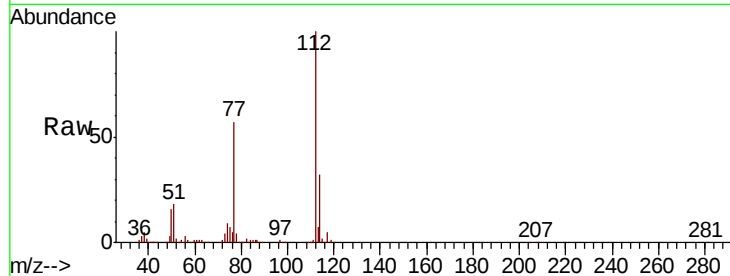




#65
Chlorobenzene
Concen: 18.249 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

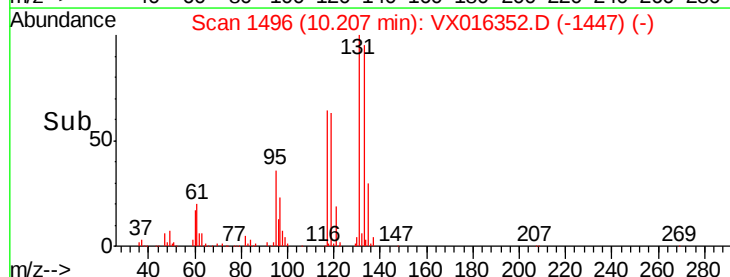
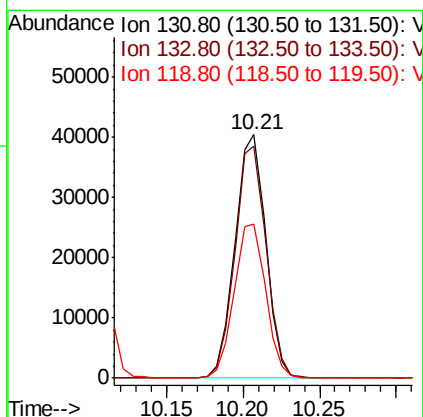
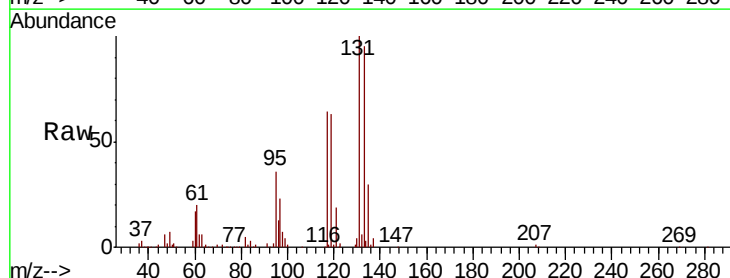
Instrument :
MSVOA_X
ClientSampleId :

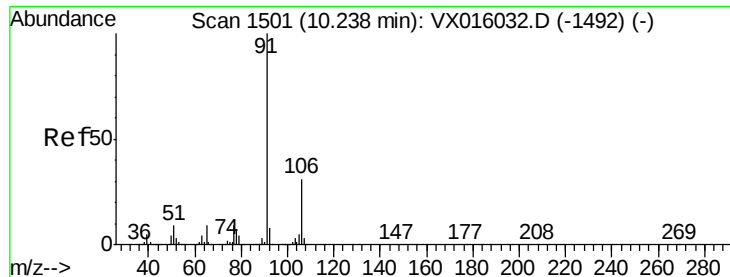
Tot Ion:112 Resp: 149032
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.690 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion:131 Resp: 56416
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.8
119 65.1 32.3 96.9





#67

Ethyl Benzene

Concen: 17.941 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

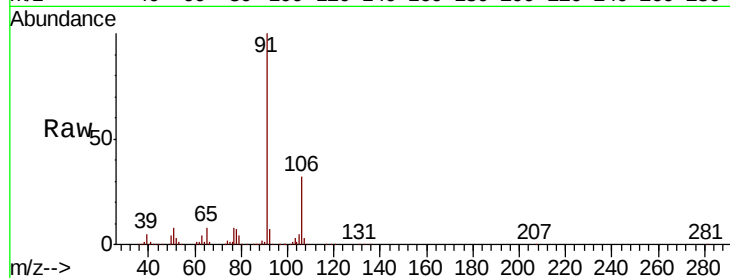
ClientSampleId :

Tot Ion: 91 Resp: 261423

Ion Ratio Lower Upper

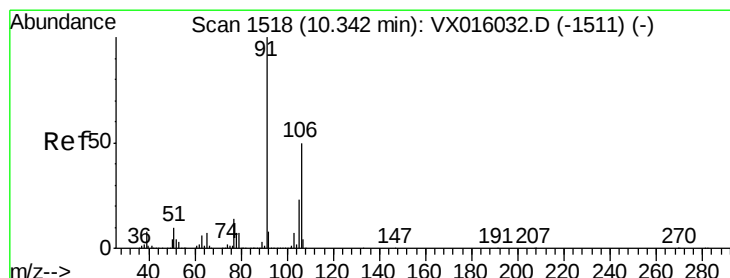
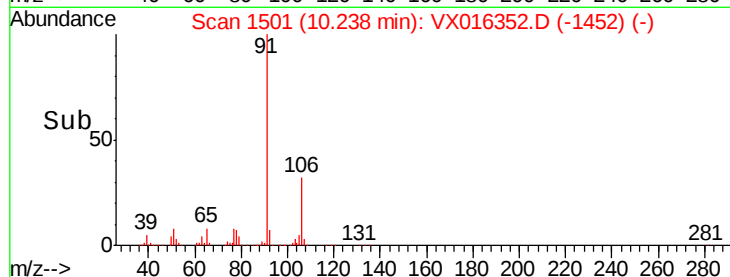
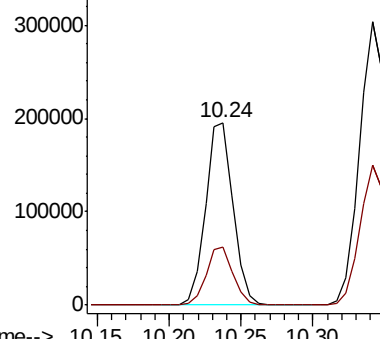
91 100

106 31.5 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: 36.317 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016352.D

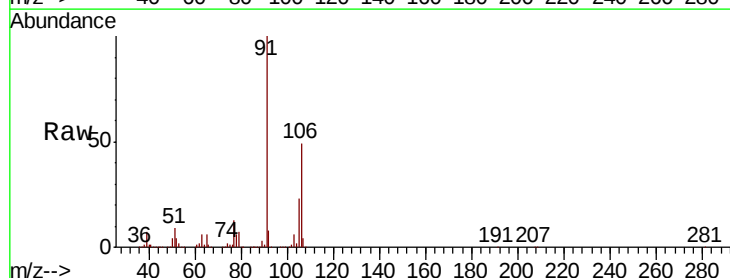
Acq: 20 May 2020 11:52

Tgt Ion: 106 Resp: 198268

Ion Ratio Lower Upper

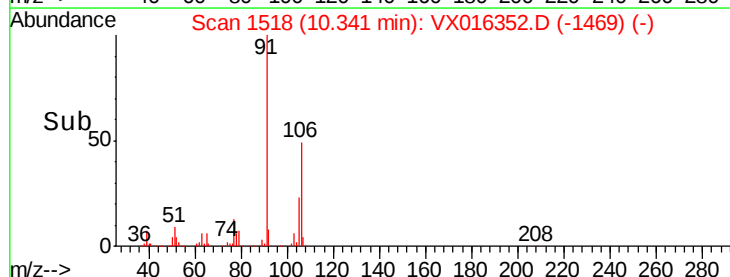
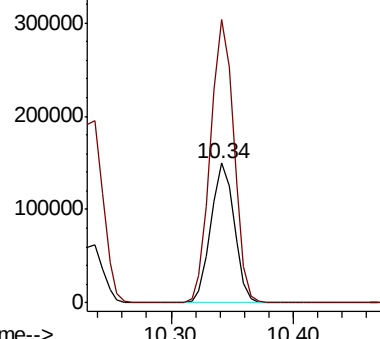
106 100

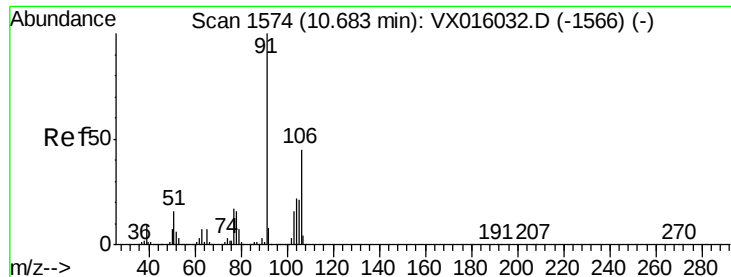
91 202.1 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

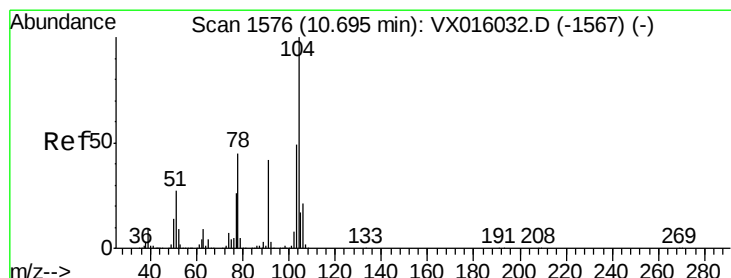
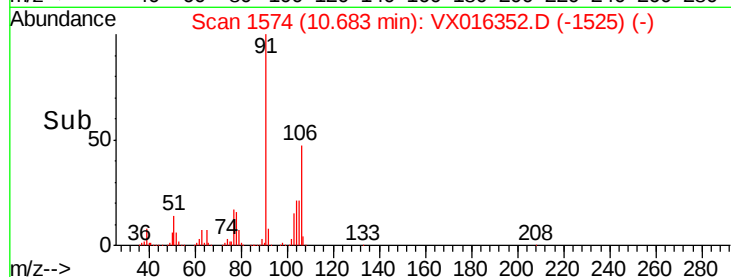
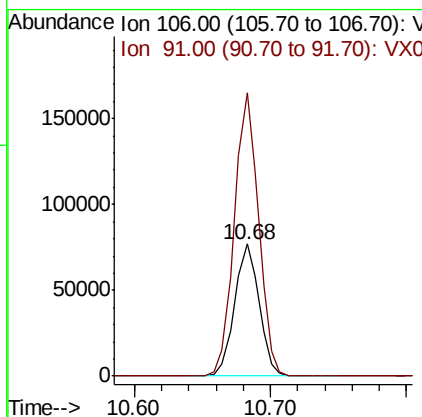
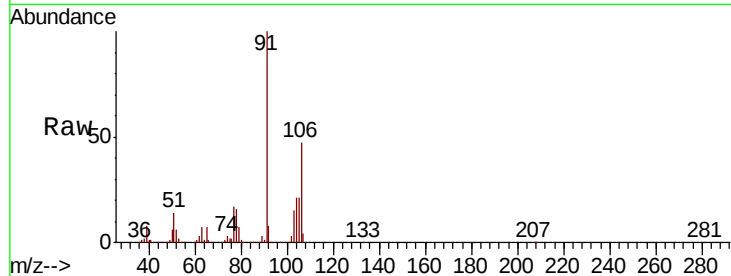




#69
o-Xylene
Concen: 18.318 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

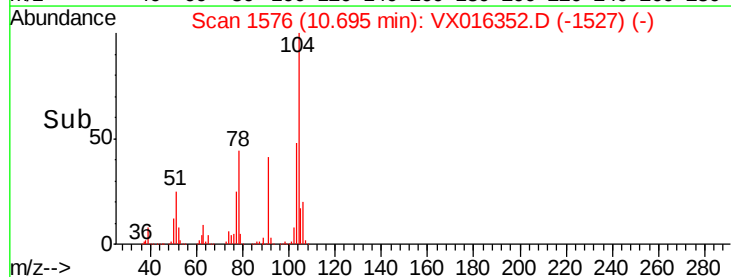
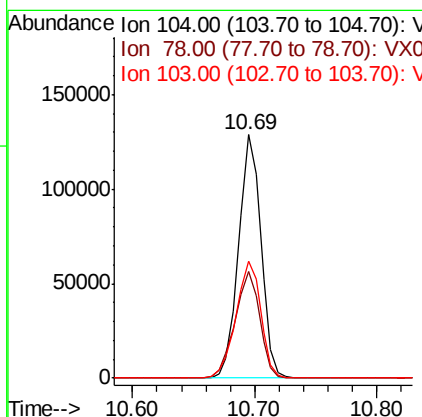
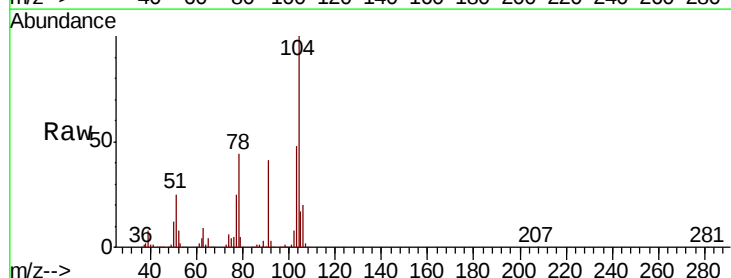
Instrument :
MSVOA_X
ClientSampleId :

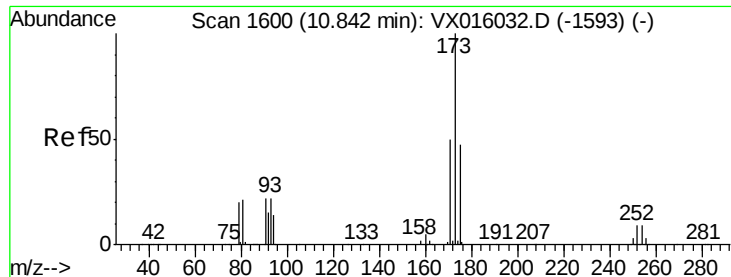
Tot Ion:106 Resp: 96129
Ion Ratio Lower Upper
106 100
91 213.2 107.5 322.6



#70
Styrene
Concen: 18.241 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016352.D
Acq: 20 May 2020 11:52

Tgt Ion:104 Resp: 162395
Ion Ratio Lower Upper
104 100
78 48.7 40.2 60.2
103 53.2 43.0 64.6





#71

Bromoform

Concen: 18.536 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

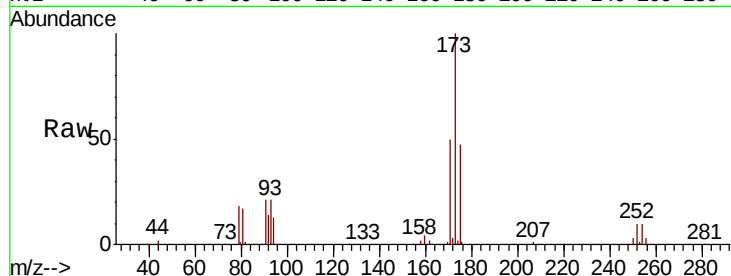
Tot Ion:173 Resp: 45584

Ion Ratio Lower Upper

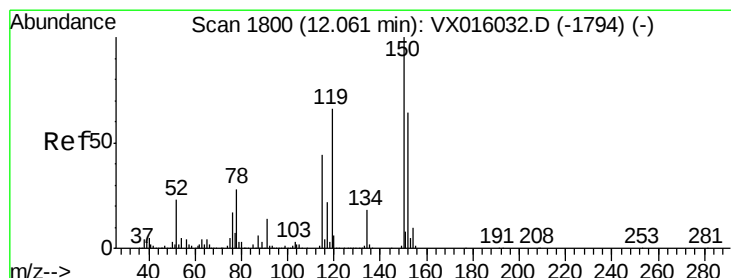
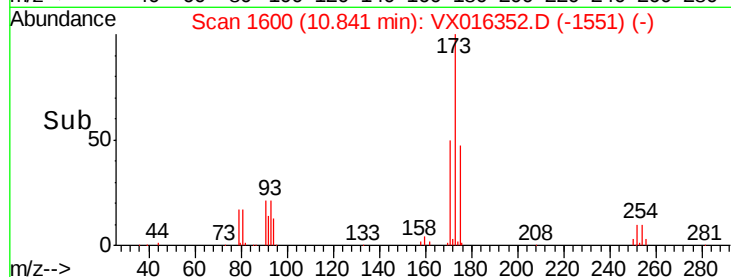
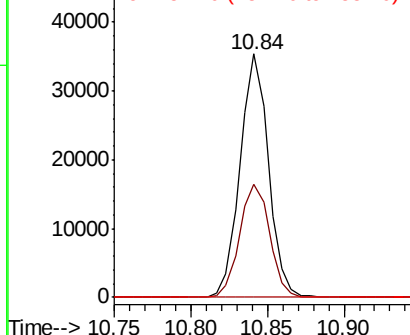
173 100

175 49.1 24.0 72.0

254 0.0 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: VX016352.D

Acq: 20 May 2020 11:52

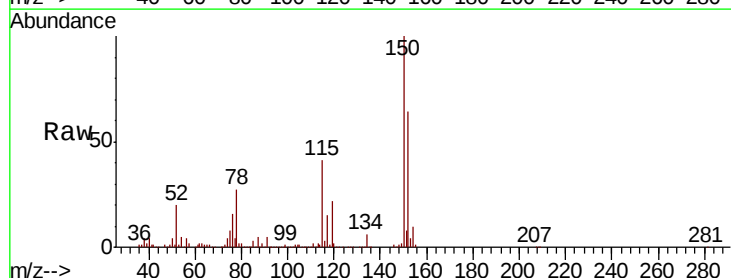
Tgt Ion:152 Resp: 192265

Ion Ratio Lower Upper

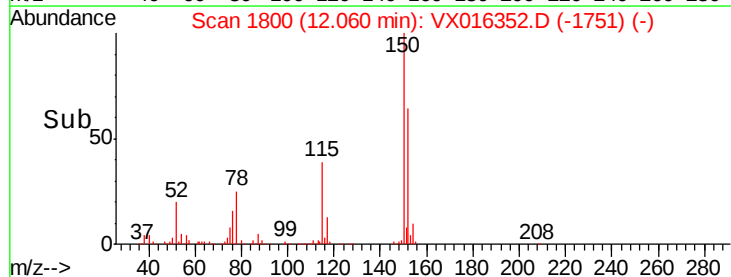
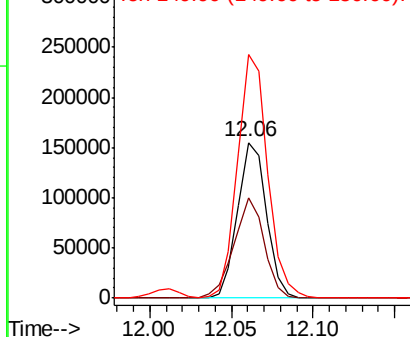
152 100

115 67.5 41.3 124.1

150 163.3 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: 18.063 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

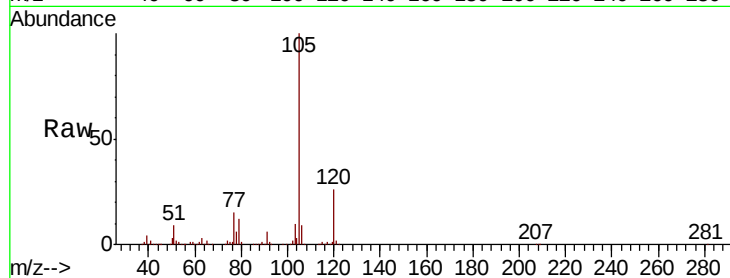
ClientSampleId :

Tot Ion:105 Resp: 252604

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

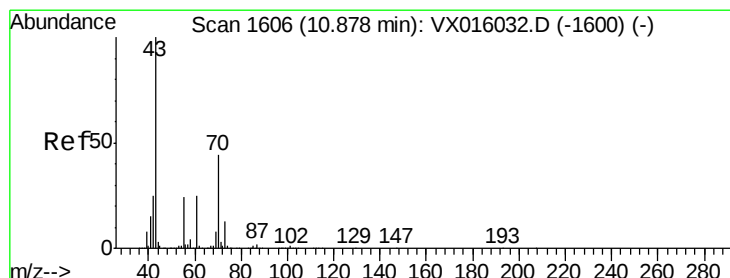
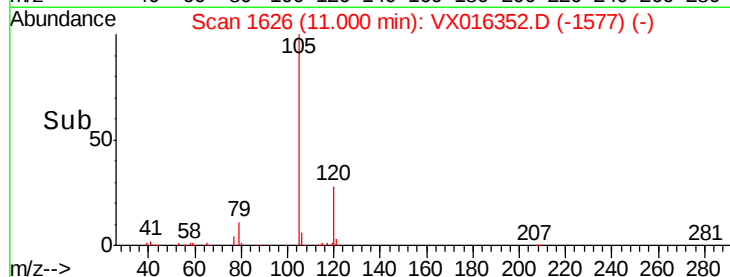
50000

0

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 16.399 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Tgt Ion: 43 Resp: 106967

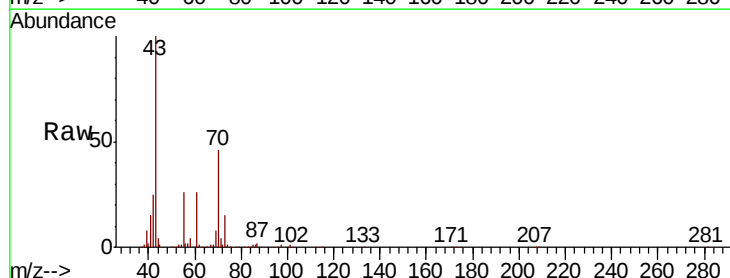
Ion Ratio Lower Upper

43 100

70 49.1 36.5 54.7

55 26.2 19.7 29.5

61 26.7 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

100000

50000

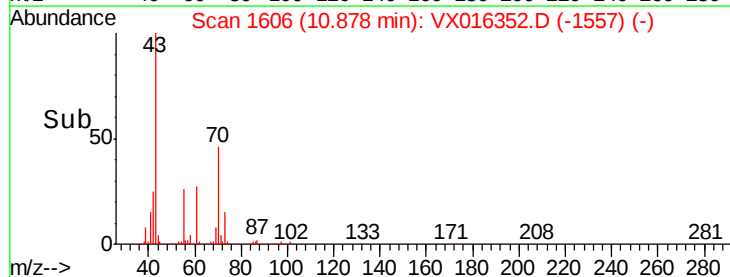
0

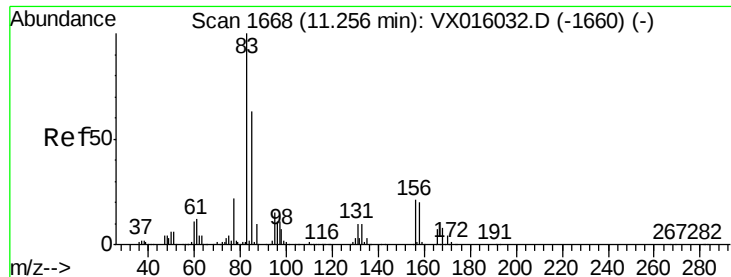
10.88

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.334 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

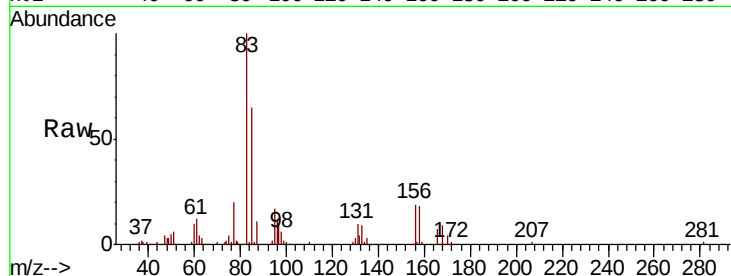
Tot Ion: 83 Resp: 55036

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

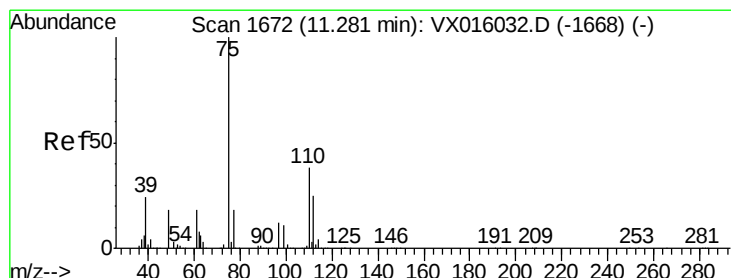
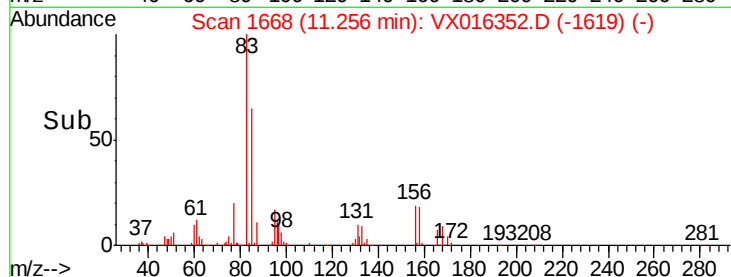
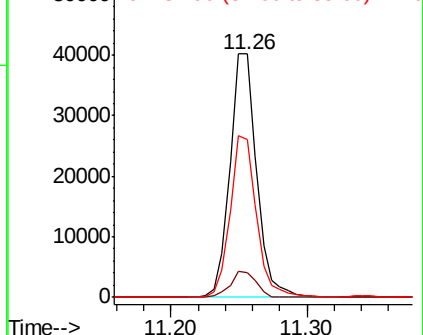
85 65.6 32.0 96.0



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: 24.289 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016352.D

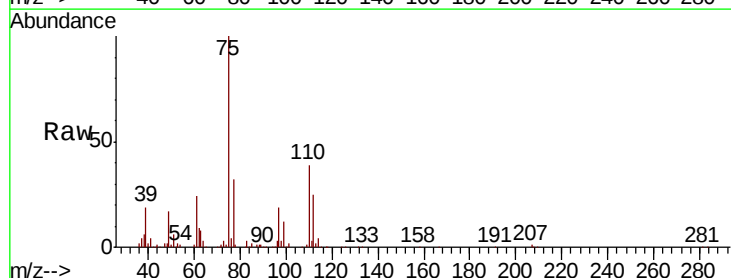
Acq: 20 May 2020 11:52

Tgt Ion: 75 Resp: 105971

Ion Ratio Lower Upper

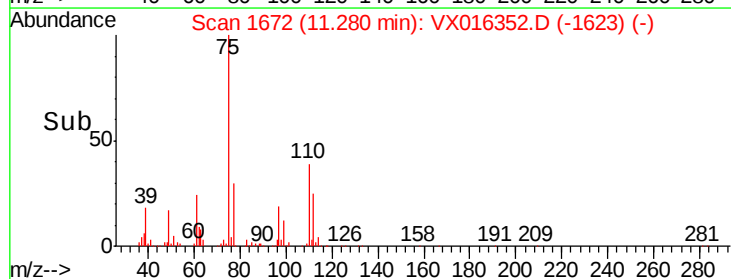
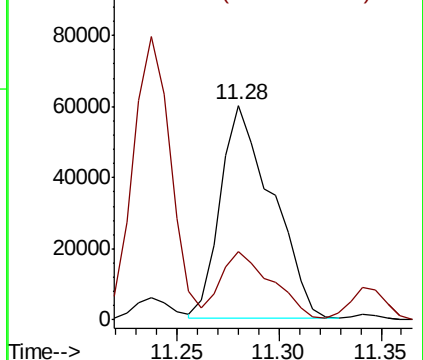
75 100

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: 17.660 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

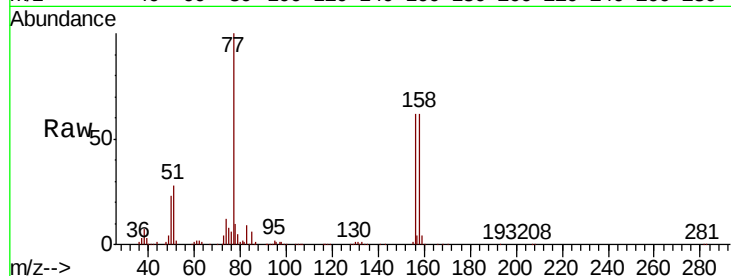
Tot Ion:156 Resp: 63744

Ion Ratio Lower Upper

156 100

77 160.7 80.1 240.3

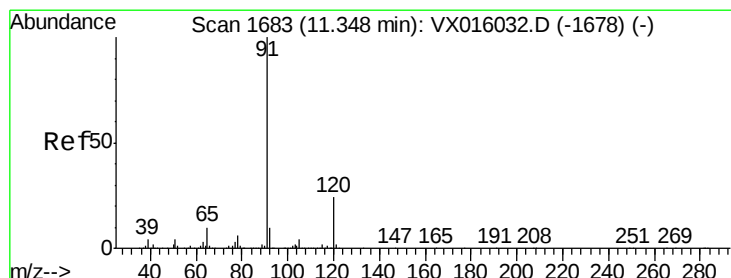
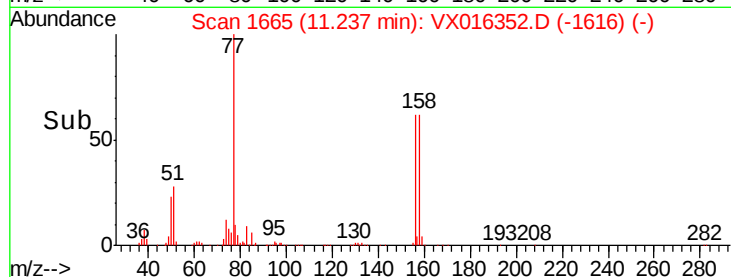
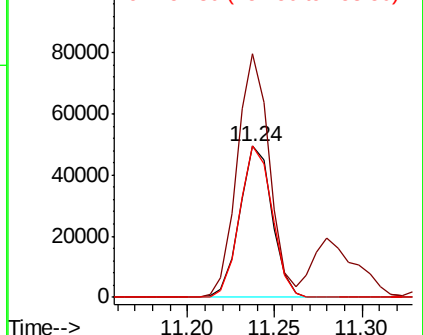
158 99.9 49.4 148.2



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: 17.202 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016352.D

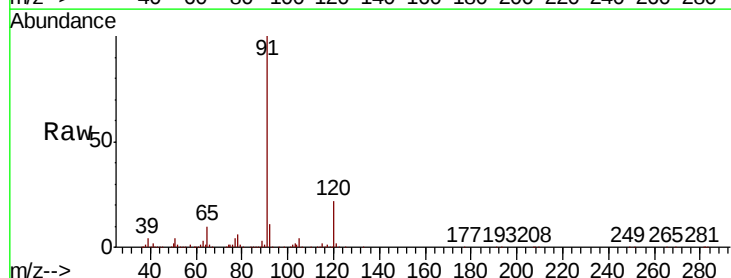
Acq: 20 May 2020 11:52

Tgt Ion: 91 Resp: 279858

Ion Ratio Lower Upper

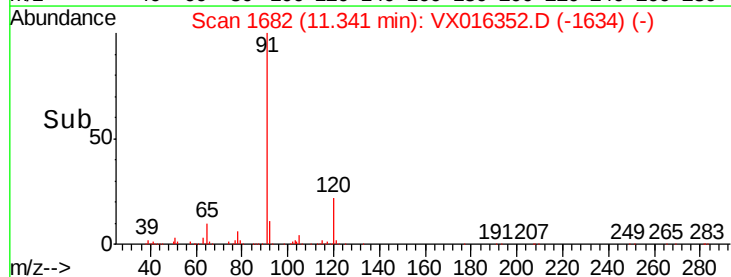
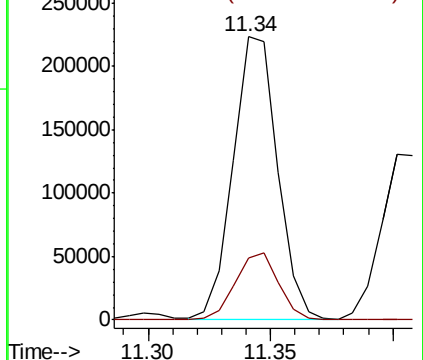
91 100

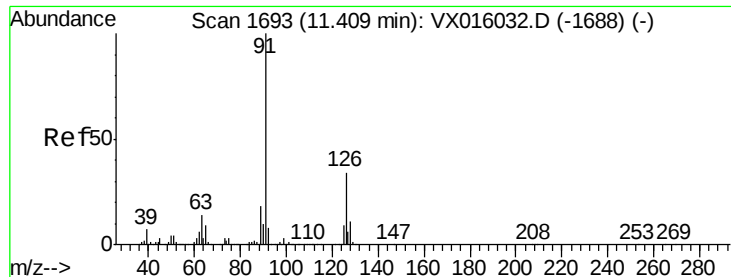
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.804 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

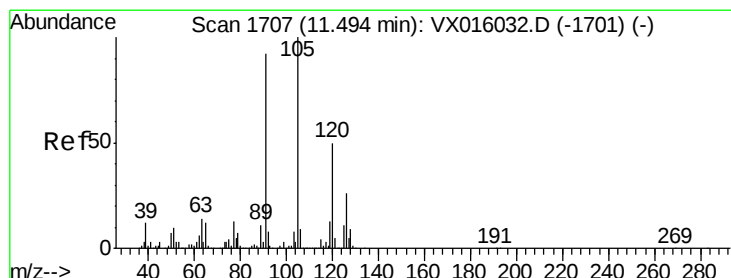
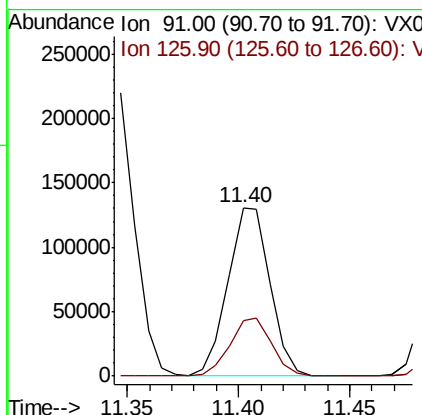
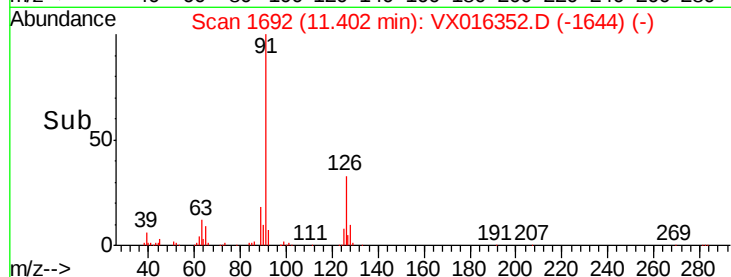
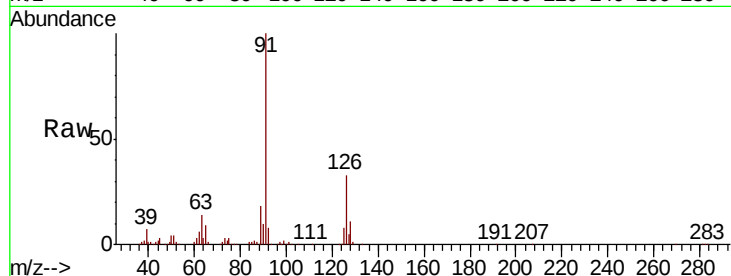
ClientSampleId :

Tot Ion: 91 Resp: 170967

Ion Ratio Lower Upper

91 100

126 34.0 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 17.590 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016352.D

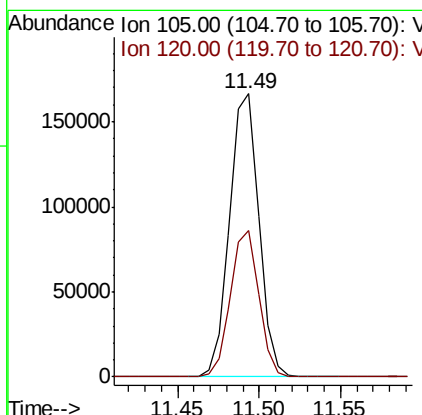
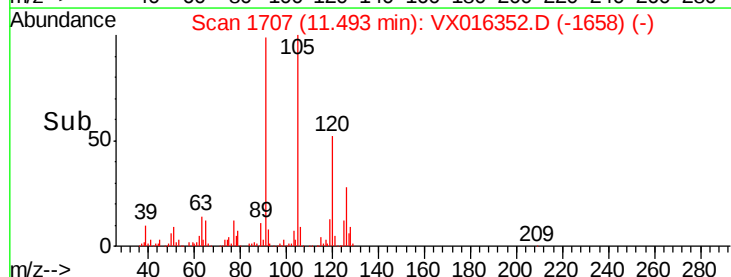
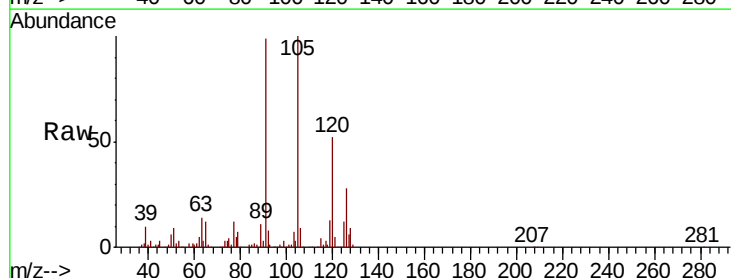
Acq: 20 May 2020 11:52

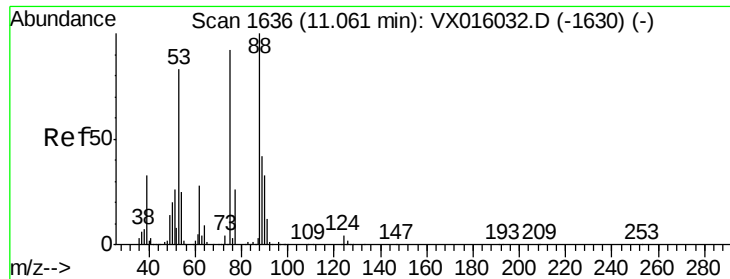
Tgt Ion:105 Resp: 207690

Ion Ratio Lower Upper

105 100

120 50.4 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.258 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

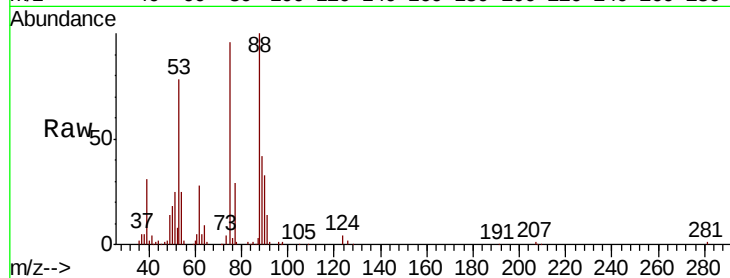
Tot Ion: 75 Resp: 31596

Ion Ratio Lower Upper

75 100

53 87.2 73.1 109.7

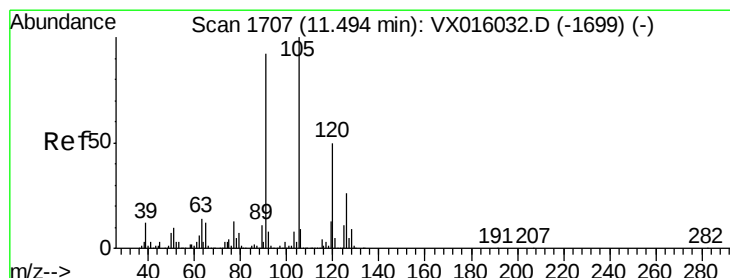
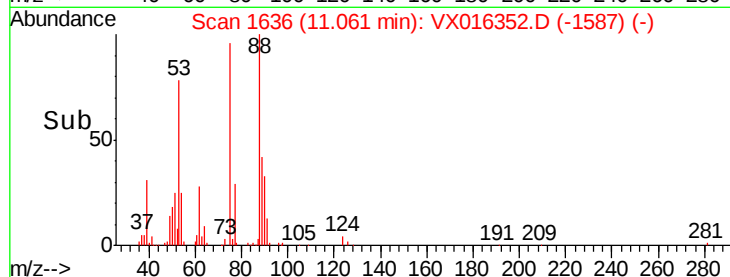
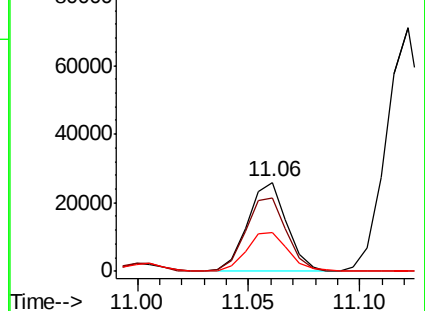
89 47.8 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.917 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016352.D

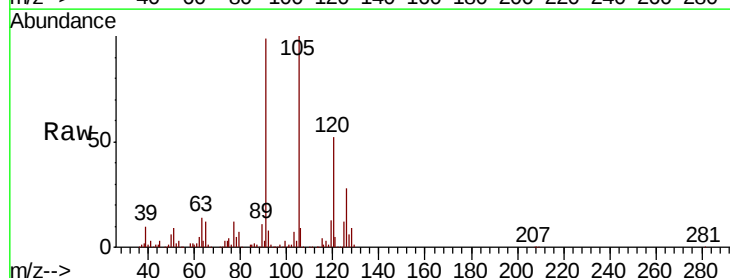
Acq: 20 May 2020 11:52

Tgt Ion: 91 Resp: 203179

Ion Ratio Lower Upper

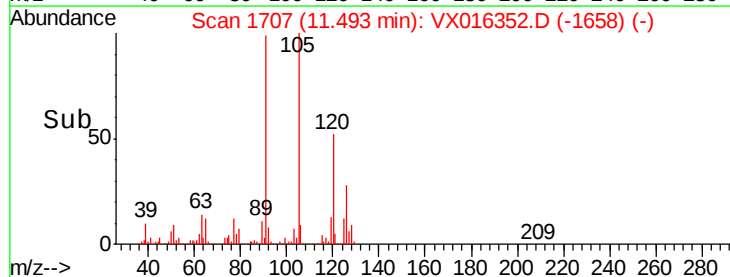
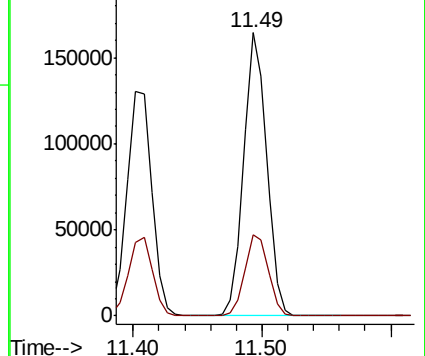
91 100

126 29.3 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

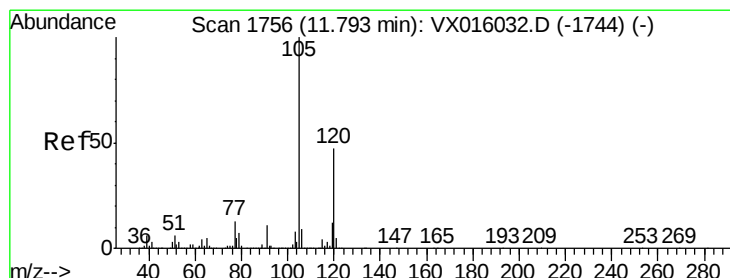
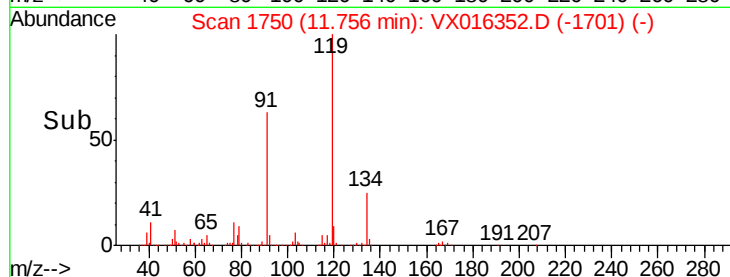
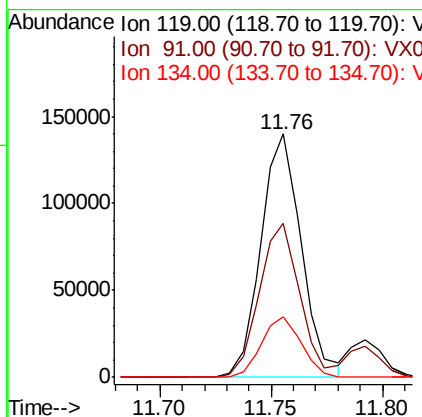
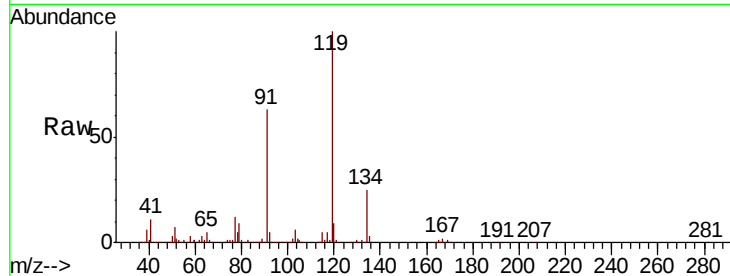




#83
 tert-Butylbenzene
 Concen: 17.375 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

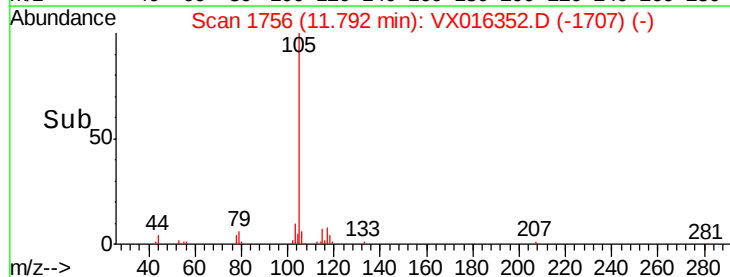
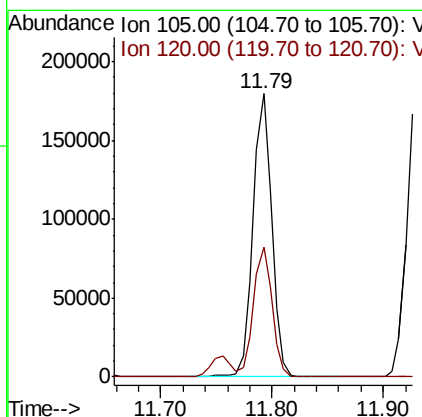
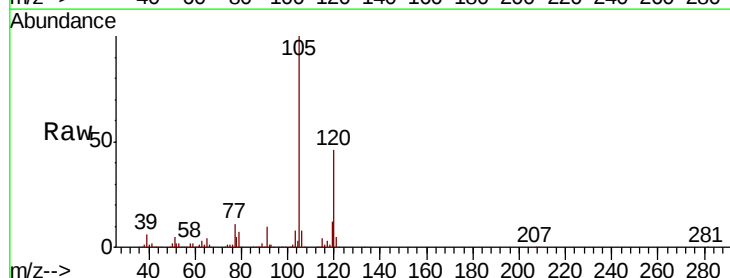
Instrument :
 MSVOA_X
 ClientSampleId :

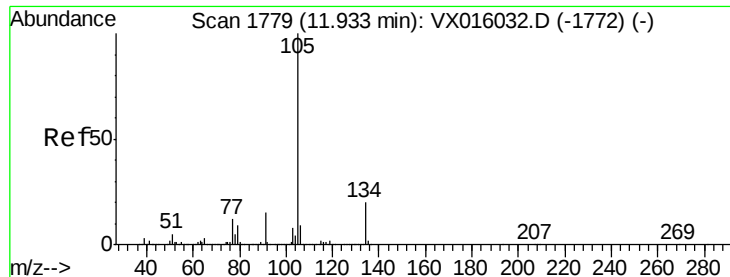
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.8	32.8	98.4
134	24.3	12.4	37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 17.668 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.0	69.0





#85

sec-Butylbenzene

Concen: 16.248 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

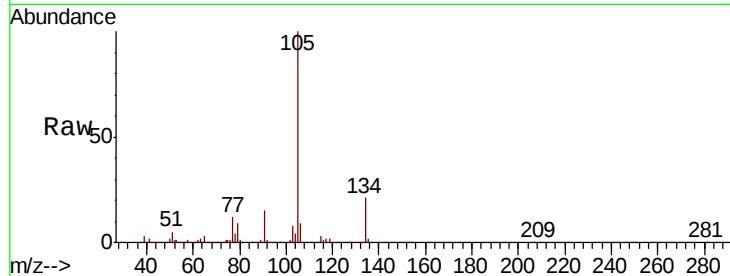
ClientSampleId :

Tot Ion:105 Resp: 223226

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

200000

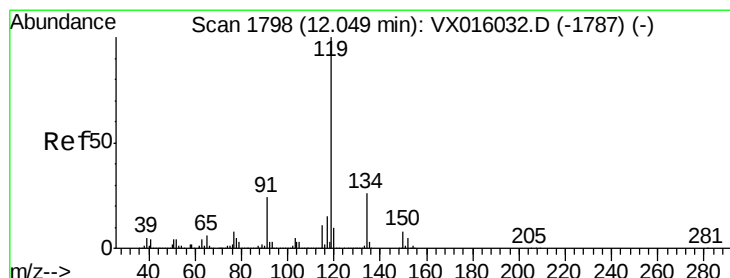
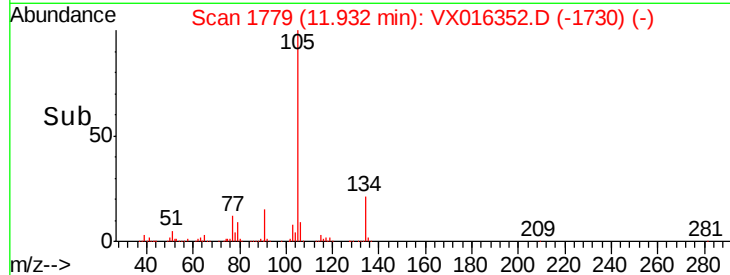
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 16.573 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

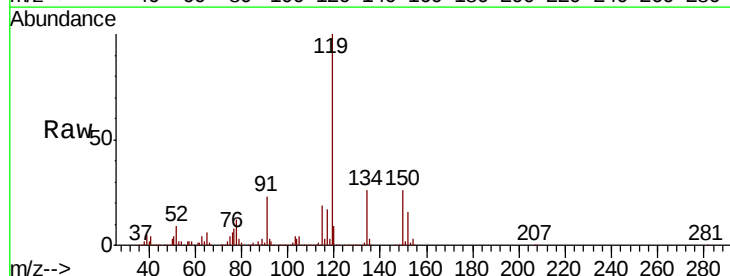
Tgt Ion:119 Resp: 211396

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

91 23.3 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

12.05

200000

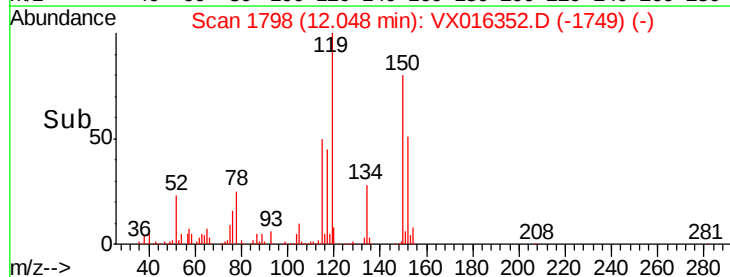
150000

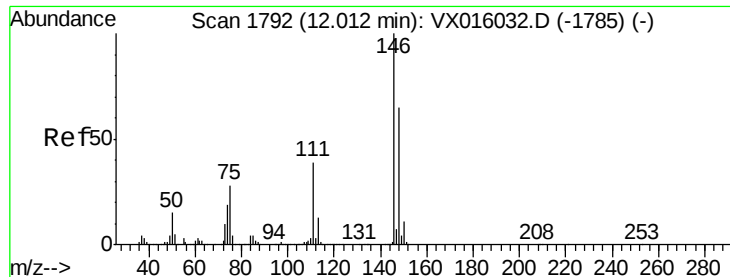
100000

50000

0

Time--> 11.90 12.00 12.10 12.20





#87

1,3-Dichlorobenzene

Concen: 17.621 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

ClientSampled :

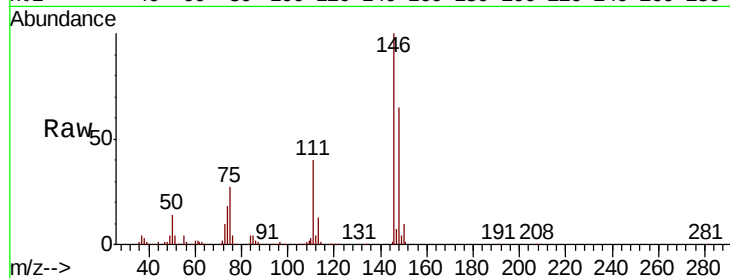
Tot Ion:146 Resp: 114203

Ion Ratio Lower Upper

146 100

111 40.7 20.2 60.6

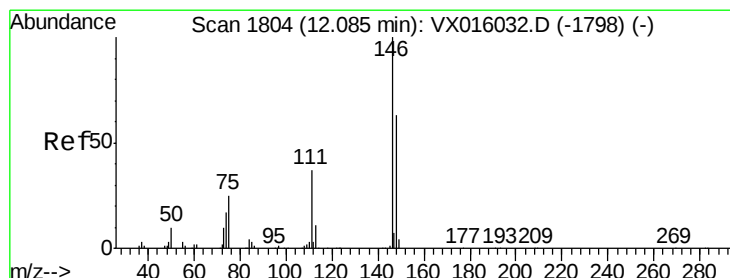
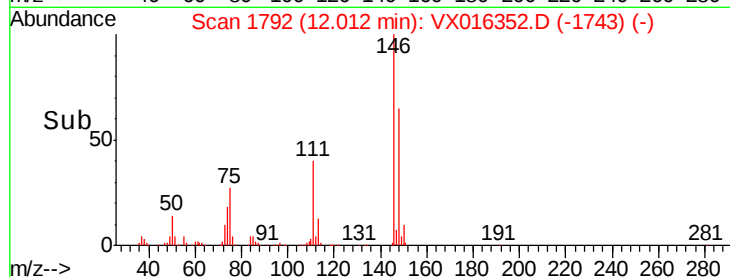
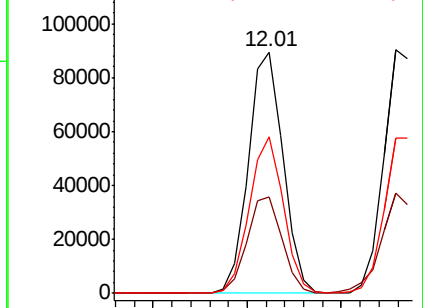
148 63.6 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 17.585 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

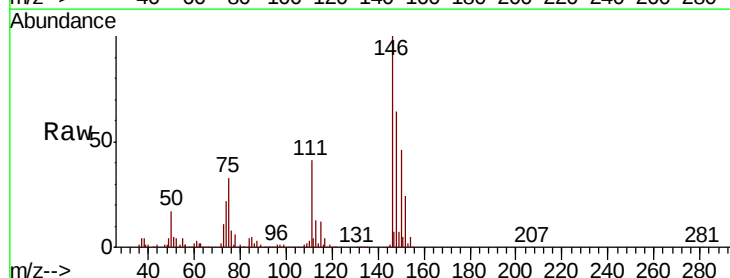
Tgt Ion:146 Resp: 115675

Ion Ratio Lower Upper

146 100

111 41.3 19.6 58.7

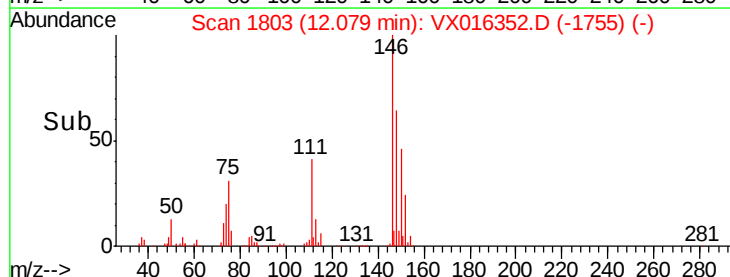
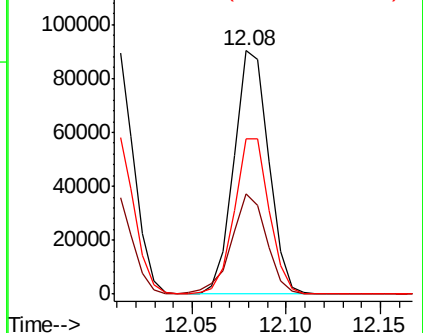
148 64.2 31.8 95.3

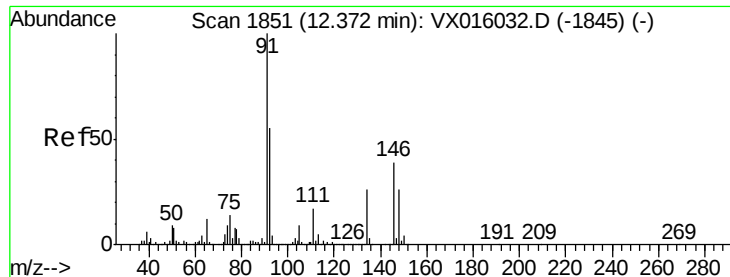


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 14.709 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

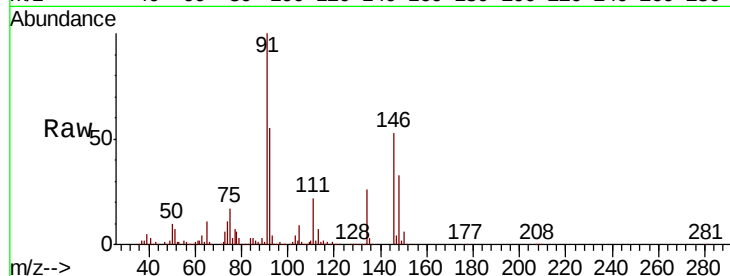
Tot Ion: 91 Resp: 171407

Ion Ratio Lower Upper

91 100

92 54.6 27.6 82.7

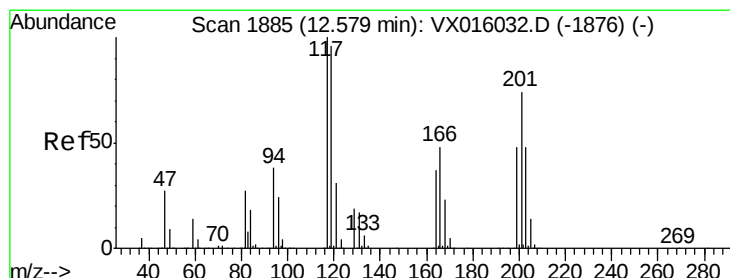
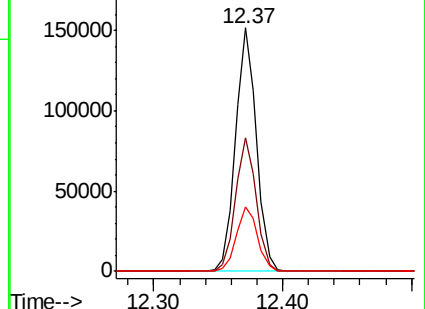
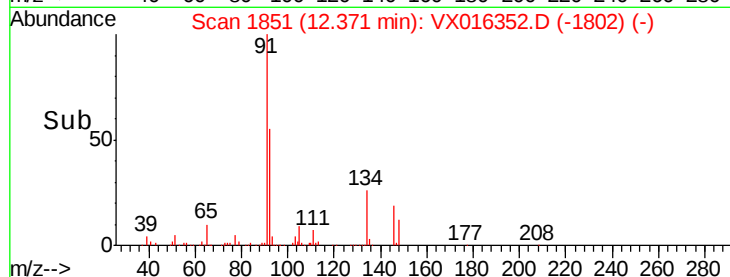
134 26.8 13.4 40.1



Abundance Ion 91.00 (90.70 to 91.70): VX016352.D (-1845) (-)

Ion 92.00 (91.70 to 92.70): VX016352.D (-1845) (-)

Ion 134.00 (133.70 to 134.70): VX016352.D (-1845) (-)



#90

Hexachloroethane

Concen: 15.985 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016352.D

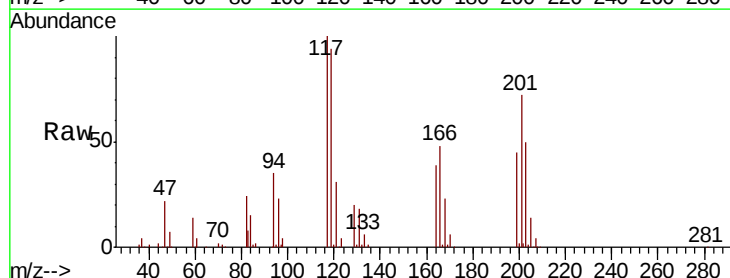
Acq: 20 May 2020 11:52

Tgt Ion: 117 Resp: 35017

Ion Ratio Lower Upper

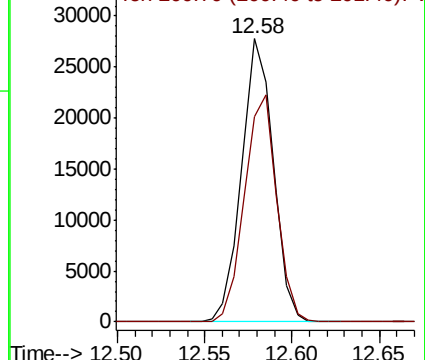
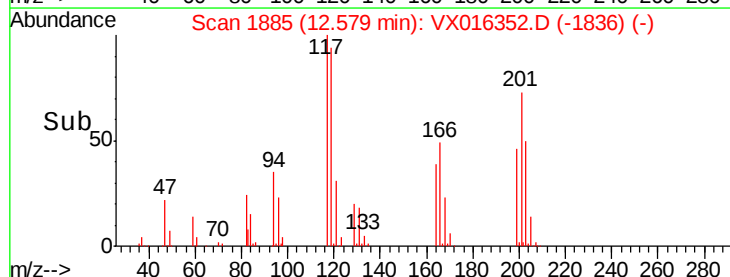
117 100

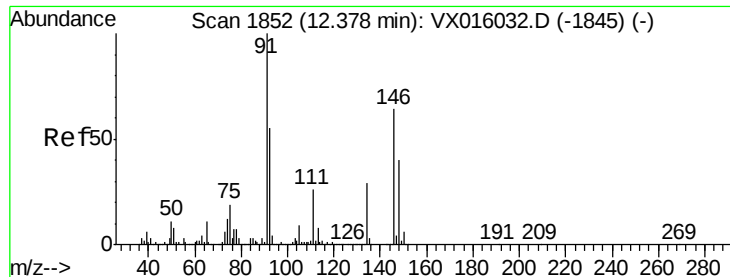
201 81.4 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): VX016352.D (-1876) (-)

Ion 200.70 (200.40 to 201.40): VX016352.D (-1876) (-)





#91

1,2-Dichlorobenzene

Concen: 18.034 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

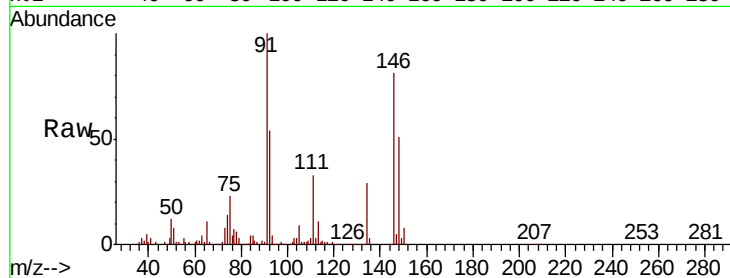
Tot Ion:146 Resp: 112543

Ion Ratio Lower Upper

146 100

111 41.4 21.1 63.1

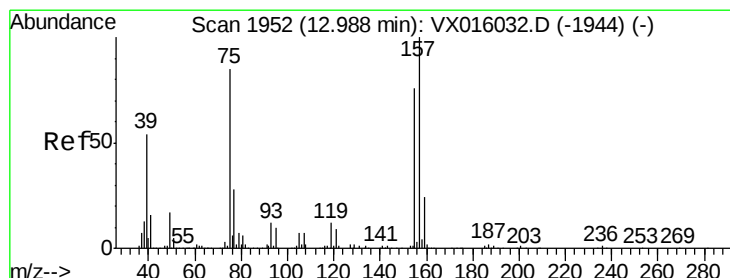
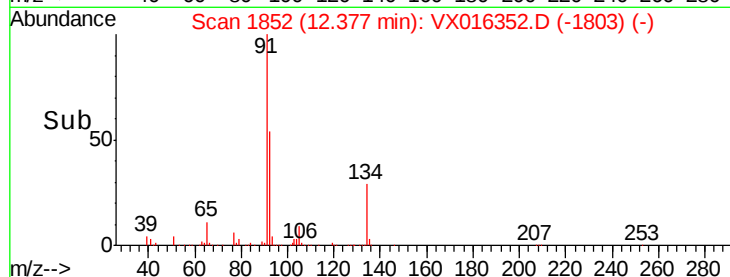
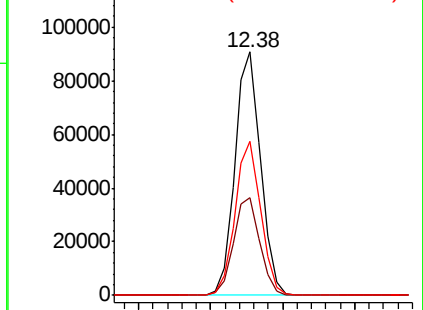
148 63.4 32.4 97.0



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: 16.740 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

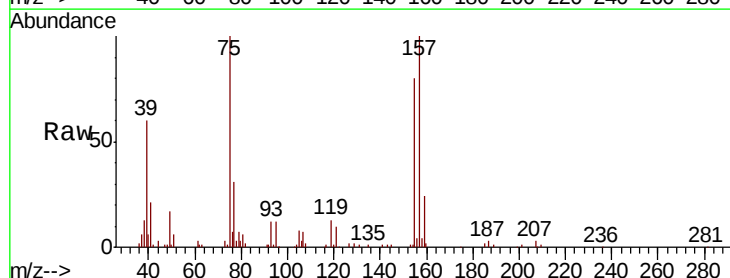
Tgt Ion: 75 Resp: 19249

Ion Ratio Lower Upper

75 100

155 84.0 42.5 127.5

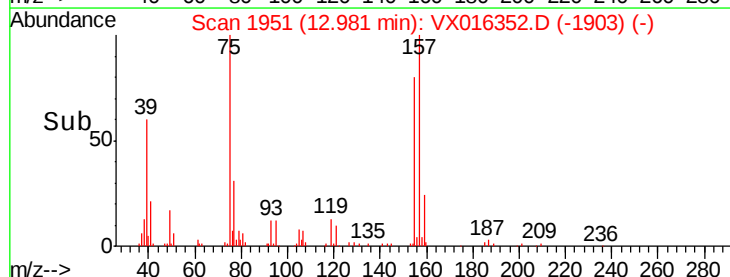
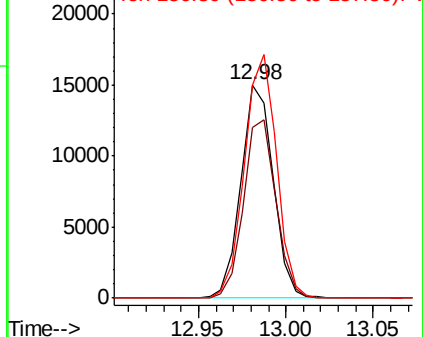
157 113.5 55.3 165.8

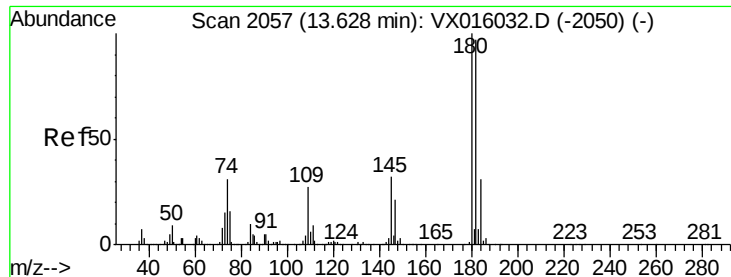


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

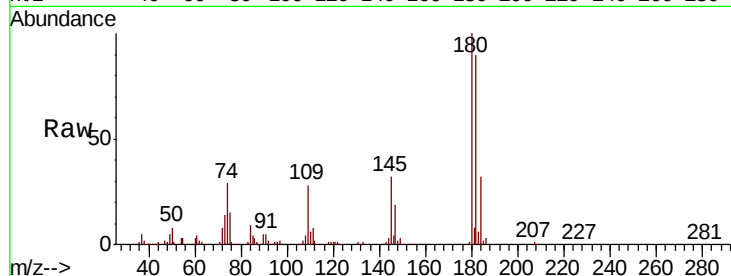




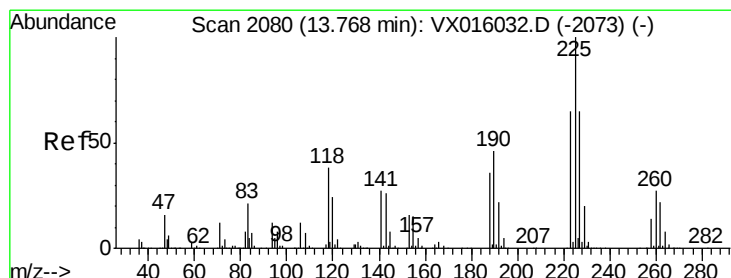
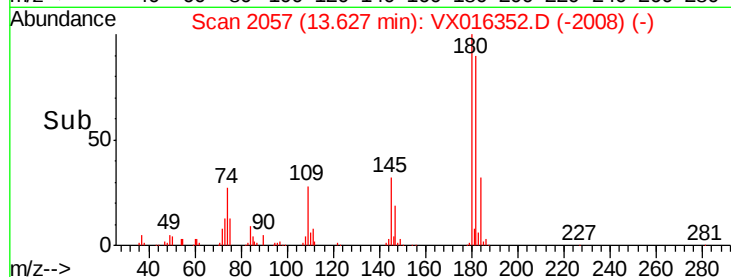
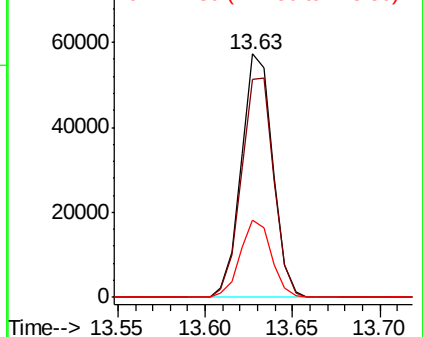
#93
 1,2,4-Trichlorobenzene
 Concen: 15.460 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 71432
 Ion Ratio Lower Upper
 180 100
 182 93.1 48.7 146.1
 145 31.5 15.7 47.1

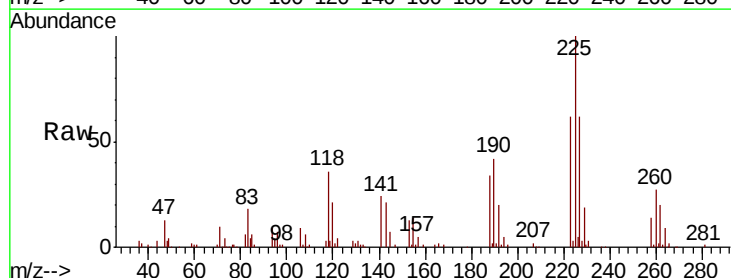


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

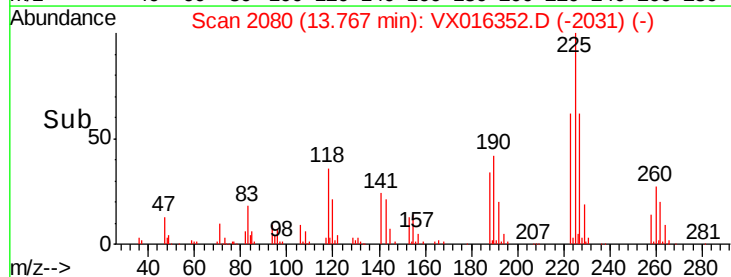
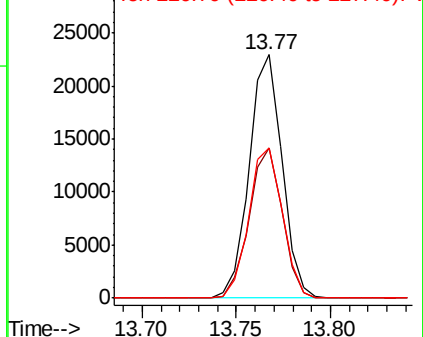


#94
 Hexachlorobutadiene
 Concen: 14.324 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016352.D
 Acq: 20 May 2020 11:52

Tgt Ion:225 Resp: 27746
 Ion Ratio Lower Upper
 225 100
 223 62.0 32.3 96.9
 227 63.3 31.8 95.4



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





#95

Naphthalene

Concen: 16.858 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

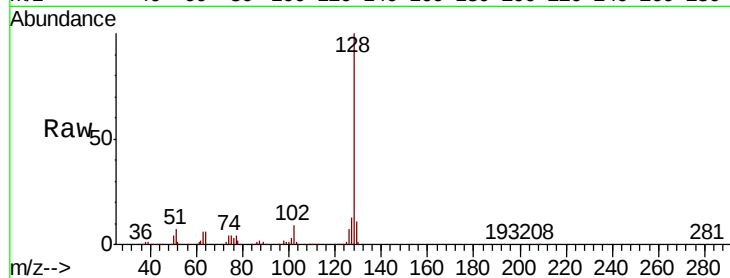
Tot Ion:128 Resp: 252208

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

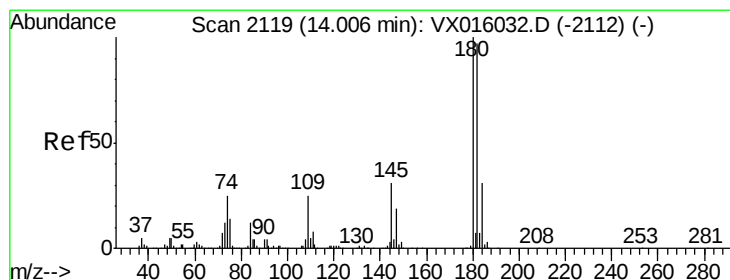
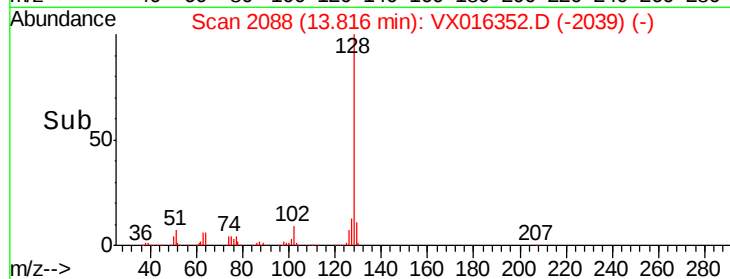
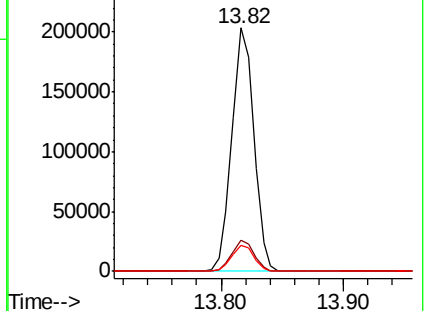
129 10.9 8.7 13.1



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: 15.632 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016352.D

Acq: 20 May 2020 11:52

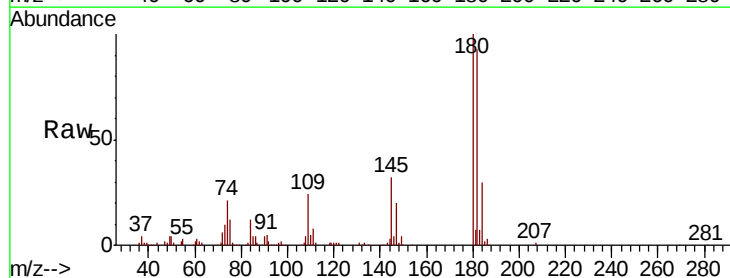
Tgt Ion:180 Resp: 70585

Ion Ratio Lower Upper

180 100

182 94.2 48.4 145.0

145 33.2 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

