

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052120\
 Data File : VX016397.D
 Acq On : 21 May 2020 20:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 22 09:24:00 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	5.64	168	236927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	384099	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	366328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187078	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	139708	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	
35) Dibromofluoromethane	5.47	113	115375	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
50) Toluene-d8	8.70	98	449008	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
62) 4-Bromofluorobenzene	11.12	95	177593	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	113544	45.276	ug/l	98
3) Chloromethane	1.31	50	121008	41.549	ug/l	98
4) Vinyl Chloride	1.39	62	139845	45.006	ug/l	100
5) Bromomethane	1.62	94	53459	34.126	ug/l	100
6) Chloroethane	1.70	64	85107	45.016	ug/l	99
7) Trichlorofluoromethane	1.91	101	187100	45.865	ug/l	98
8) Diethyl Ether	2.17	74	77034	44.819	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	104711	44.491	ug/l	98
10) Methyl Iodide	2.49	142	93282	29.507	ug/l	99
11) Tert butyl alcohol	3.02	59	170134	215.799	ug/l	99
12) 1,1-Dichloroethene	2.36	96	110507	44.869	ug/l	94
13) Acrolein	2.27	56	98161	198.969	ug/l	100
14) Allyl chloride	2.70	41	183101	40.547	ug/l	93
15) Acrylonitrile	3.12	53	367236	224.538	ug/l	99
16) Acetone	2.42	43	281075	202.053	ug/l	92
17) Carbon Disulfide	2.55	76	310957	42.010	ug/l	100
18) Methyl Acetate	2.75	43	150903	44.119	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	407112	47.950	ug/l	97
20) Methylene Chloride	2.83	84	129562	45.179	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	125890	45.869	ug/l	96
22) Diisopropyl ether	3.82	45	377262	44.283	ug/l	95
23) Vinyl Acetate	3.79	43	1652573	220.484	ug/l	97
24) 1,1-Dichloroethane	3.67	63	220692	46.308	ug/l	98
25) 2-Butanone	4.64	43	490388	218.765	ug/l	96
26) 2,2-Dichloropropane	4.55	77	175814	40.396	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	145327	48.435	ug/l	93
28) Bromochloromethane	4.99	49	89738	41.295	ug/l	92
29) Tetrahydrofuran	5.09	42	324526	218.492	ug/l	93
30) Chloroform	5.18	83	224732	47.361	ug/l	98
31) Cyclohexane	5.55	56	188128	43.436	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	202147	46.867	ug/l	97
36) 1,1-Dichloropropene	5.77	75	171054	45.241	ug/l	99
37) Ethyl Acetate	4.79	43	188053	42.913	ug/l	97
38) Carbon Tetrachloride	5.76	117	181940	47.343	ug/l	97

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 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)
39) Methylcyclohexane	7.44	83	182757	40.138	ug/l	98
40) Benzene	6.12	78	527181	47.654	ug/l	99
41) Methacrylonitrile	5.01	41	100919	42.643	ug/l	94
42) 1,2-Dichloroethane	6.17	62	176729	44.347	ug/l	98
43) Isopropyl Acetate	6.42	43	299729	42.868	ug/l	96
44) Trichloroethene	7.19	130	159554	40.597	ug/l	100
45) 1,2-Dichloropropane	7.49	63	133181	47.577	ug/l	100
46) Dibromomethane	7.64	93	88014	46.267	ug/l	97
47) Bromodichloromethane	7.88	83	186039	48.019	ug/l	97
48) Methyl methacrylate	7.74	41	141030	42.567	ug/l	90
49) 1,4-Dioxane	7.71	88	68703	864.630	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	946105	221.122	ug/l	95
52) Toluene	8.77	92	337241	48.907	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	211316	45.746	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	223658	46.354	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	135207	49.837	ug/l	97
56) Ethyl methacrylate	9.16	69	218099	49.250	ug/l	89
57) 1,3-Dichloropropane	9.35	76	226407	47.827	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	518359	219.868	ug/l	98
59) 2-Hexanone	9.48	43	746008	222.018	ug/l	94
60) Dibromochloromethane	9.57	129	148930	49.843	ug/l	98
61) 1,2-Dibromoethane	9.65	107	143868	48.957	ug/l	99
64) Tetrachloroethene	9.32	164	183164	40.729	ug/l	99
65) Chlorobenzene	10.12	112	358539	46.743	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	135746	47.881	ug/l	100
67) Ethyl Benzene	10.24	91	639974	46.761	ug/l	100
68) m/p-Xylenes	10.34	106	486046	94.789	ug/l	100
69) o-Xylene	10.68	106	237545	48.194	ug/l	98
70) Styrene	10.70	104	412454	49.325	ug/l	99
71) Bromoform	10.84	173	116893	50.607	ug/l	100
73) Isopropylbenzene	11.00	105	618364	45.445	ug/l	100
74) N-amyl acetate	10.88	43	259625	40.906	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	164061	59.877	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	253498	59.713	ug/l	84
77) Bromobenzene	11.24	156	159978	45.549	ug/l	98
78) n-propylbenzene	11.34	91	695153	43.915	ug/l	99
79) 2-Chlorotoluene	11.40	91	426312	45.625	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	522996	45.522	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	77601	43.562	ug/l	94
82) 4-Chlorotoluene	11.49	91	497748	45.111	ug/l	99
83) tert-Butylbenzene	11.76	119	444881	44.933	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	530650	45.686	ug/l	100
85) sec-Butylbenzene	11.93	105	544381	40.722	ug/l	99
86) p-Isopropyltoluene	12.05	119	516989	41.654	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	279646	44.344	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	280917	43.889	ug/l	98
89) n-Butylbenzene	12.37	91	424670	37.453	ug/l	100
90) Hexachloroethane	12.58	117	89011	41.758	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	271213	44.664	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48849	43.660	ug/l	94

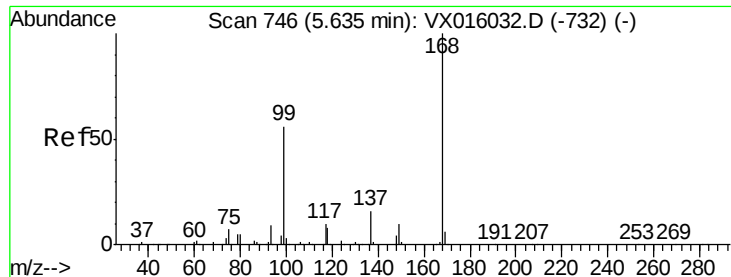
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052120\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	172860	38.450	ug/l	98
94) Hexachlorobutadiene	13.77	225	60796	31.600	ug/l	99
95) Naphthalene	13.82	128	638576	43.867	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	171903	39.125	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

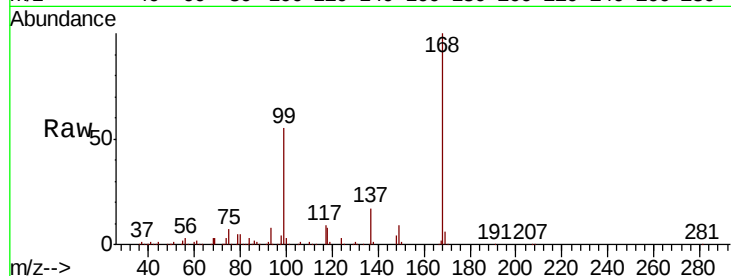
ClientSampleId :

Tot Ion:168 Resp: 236927

Ion Ratio Lower Upper

168 100

99 54.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

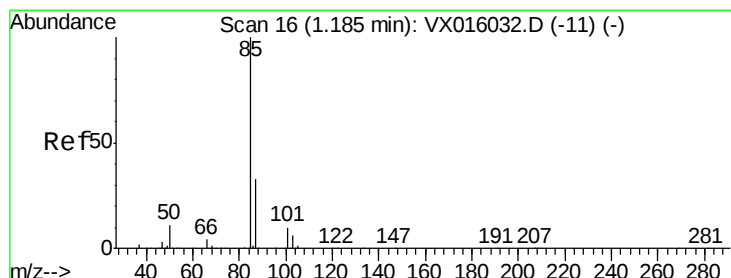
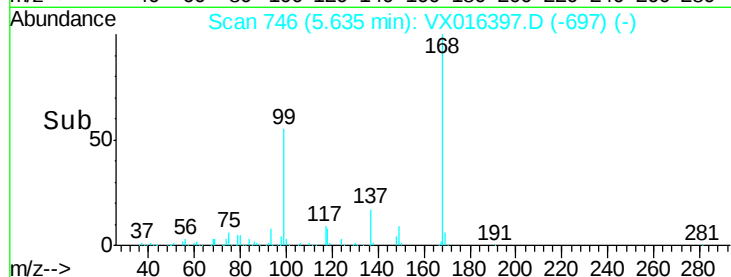
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.276 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016397.D

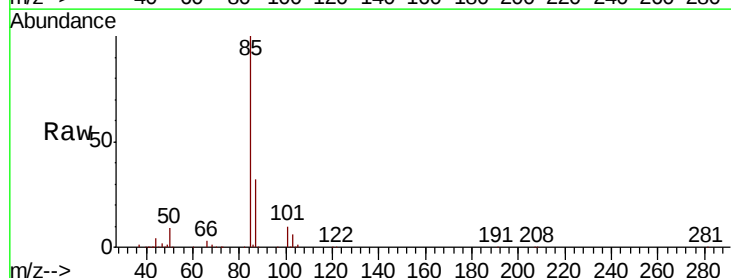
Acq: 21 May 2020 20:20

Tgt Ion: 85 Resp: 113544

Ion Ratio Lower Upper

85 100

87 31.8 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

120000

100000

80000

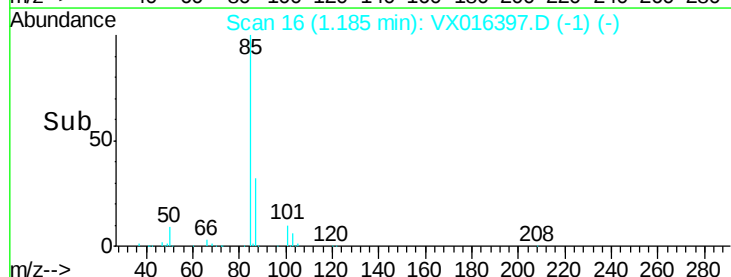
60000

40000

20000

0

Time-->





#3

Chloromethane

Concen: 41.549 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

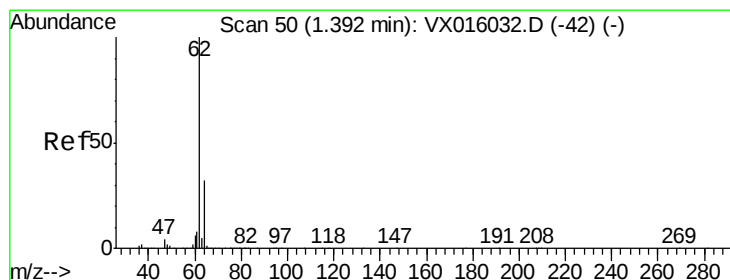
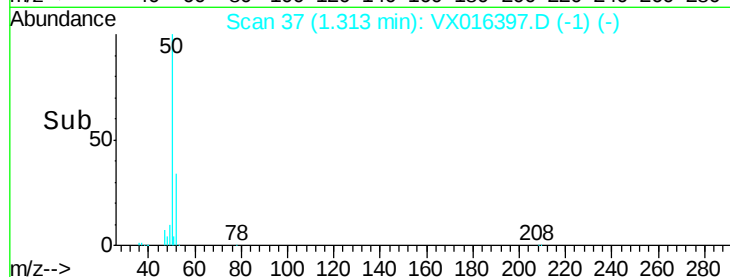
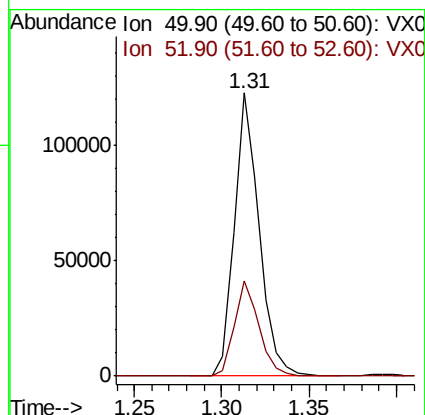
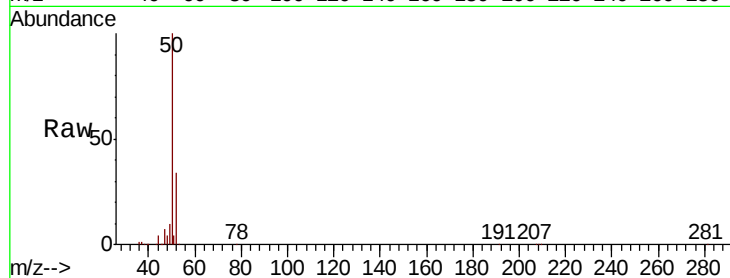
ClientSampled :

Tot Ion: 50 Resp: 121008

Ion Ratio Lower Upper

50 100

52 33.6 26.1 39.1



#4

Vinyl Chloride

Concen: 45.006 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016397.D

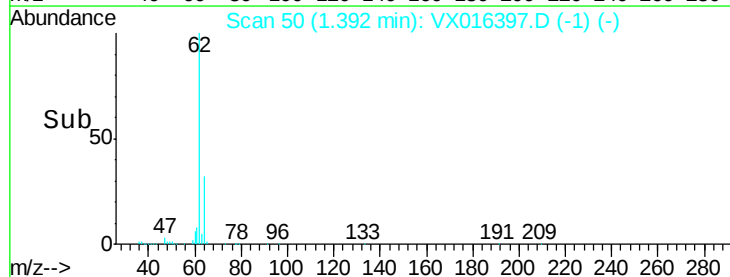
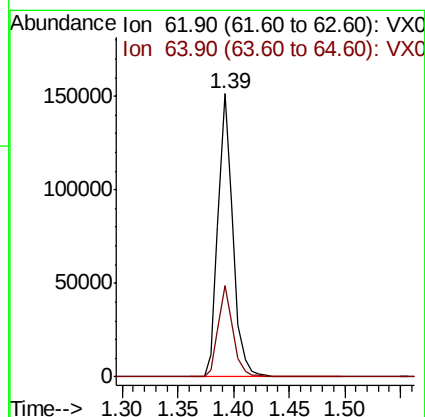
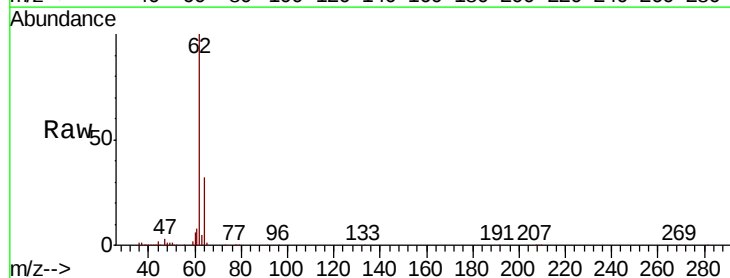
Acq: 21 May 2020 20:20

Tgt Ion: 62 Resp: 139845

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 34.126 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

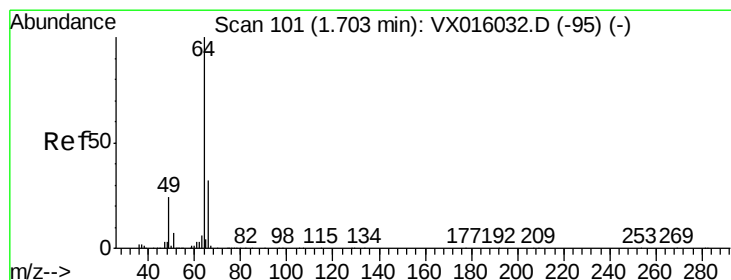
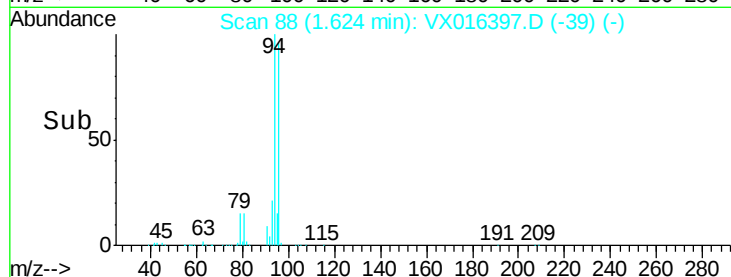
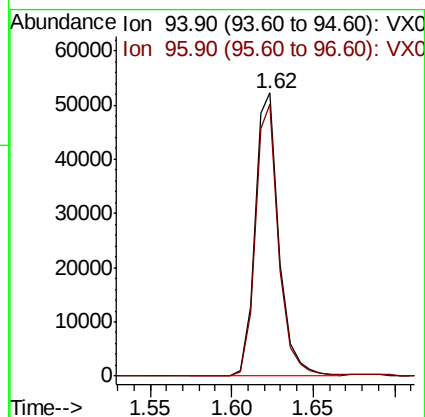
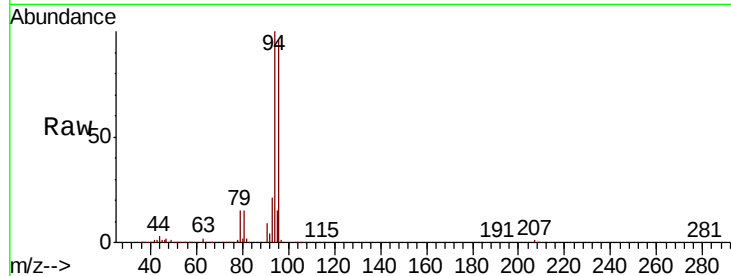
ClientSampleId :

Tot Ion: 94 Resp: 53459

Ion Ratio Lower Upper

94 100

96 96.0 76.9 115.3



#6

Chloroethane

Concen: 45.016 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016397.D

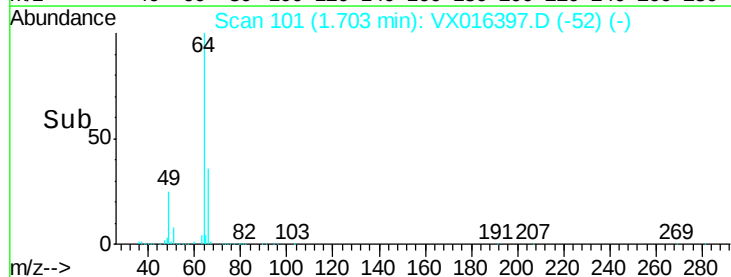
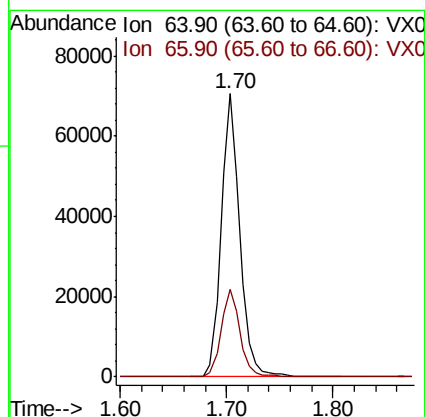
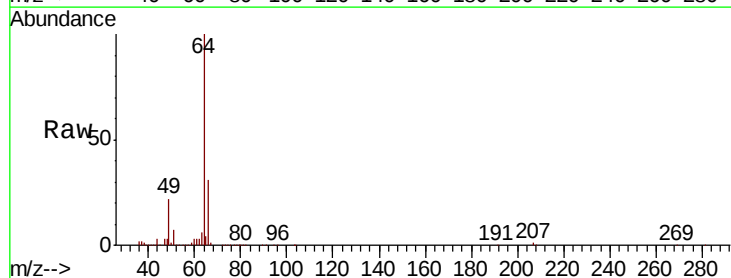
Acq: 21 May 2020 20:20

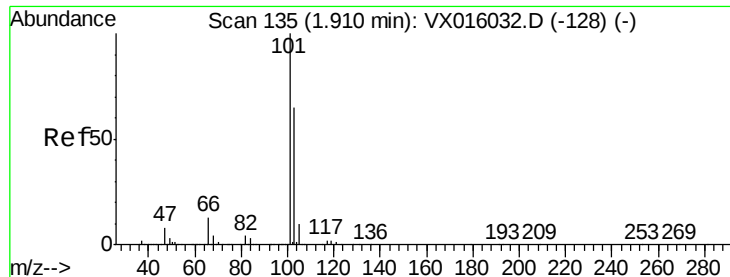
Tgt Ion: 64 Resp: 85107

Ion Ratio Lower Upper

64 100

66 30.9 25.2 37.8



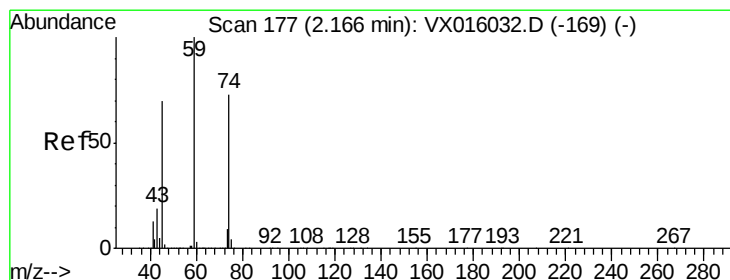
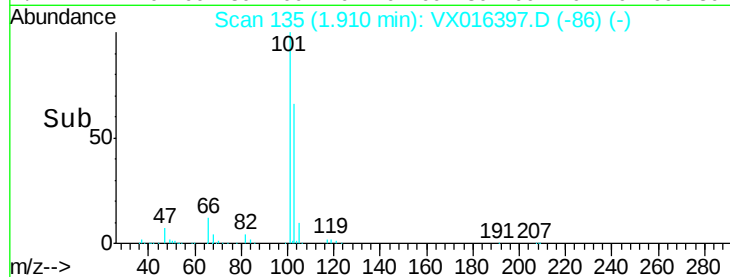
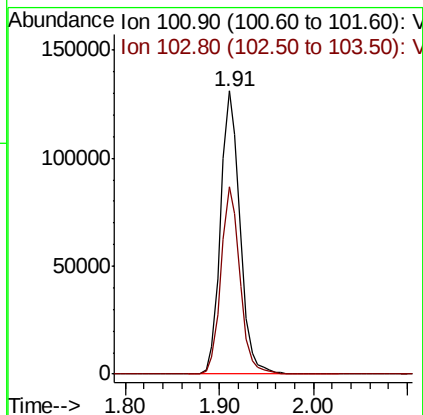
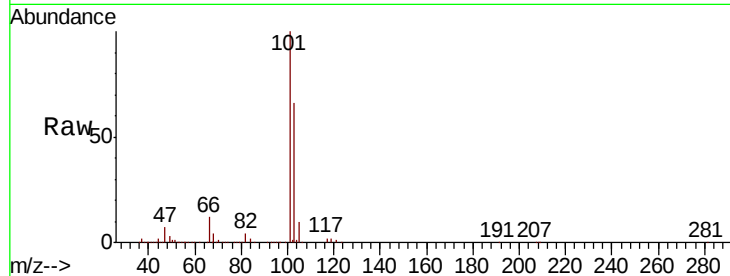


#7

Trichlorofluoromethane
Concen: 45.865 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Instrument :
MSVOA_X
ClientSampled :

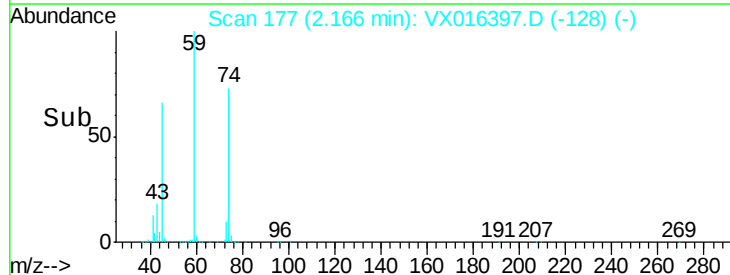
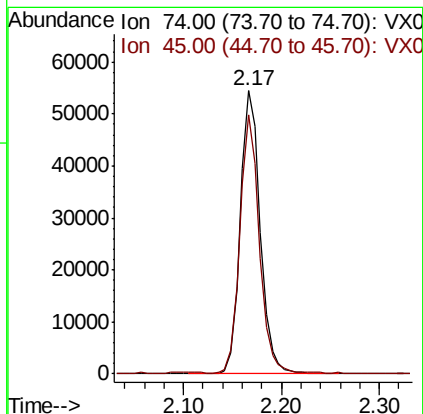
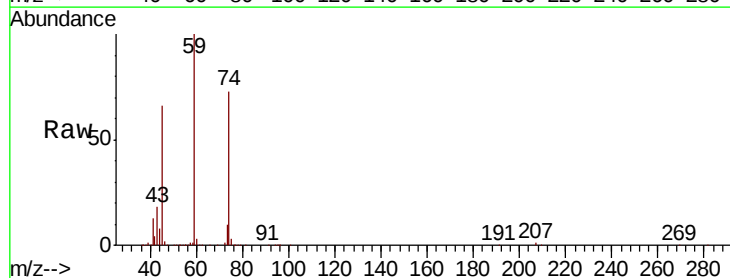
Tot Ion:101 Resp: 187100
Ion Ratio Lower Upper
101 100
103 66.1 51.8 77.6

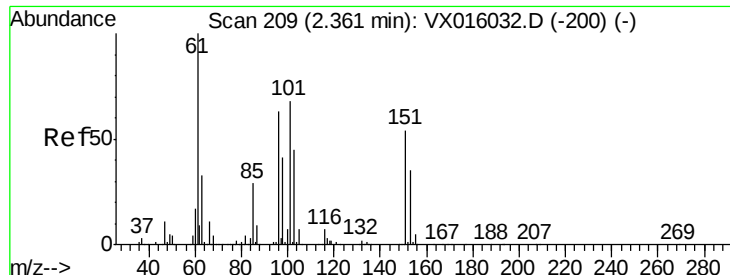


#8

Diethyl Ether
Concen: 44.819 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion: 74 Resp: 77034
Ion Ratio Lower Upper
74 100
45 88.9 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.491 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

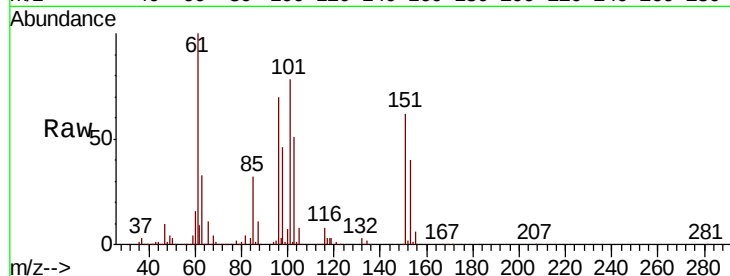
Tot Ion:101 Resp: 104711

Ion Ratio Lower Upper

101 100

85 41.7 34.2 51.4

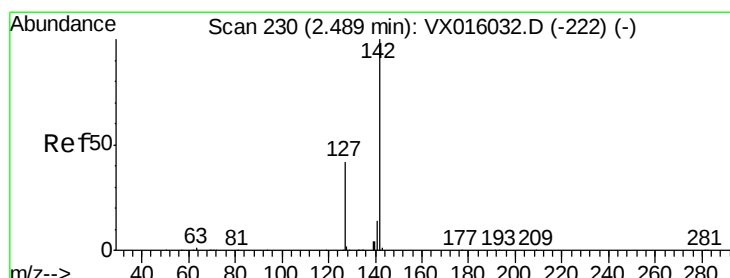
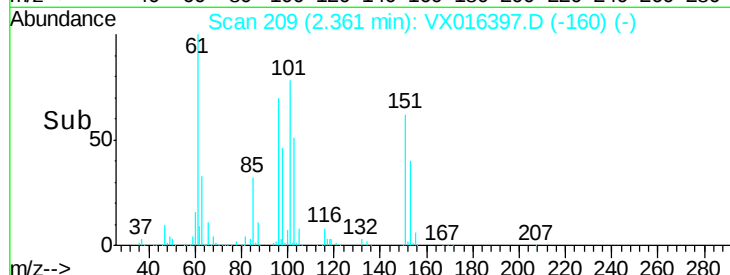
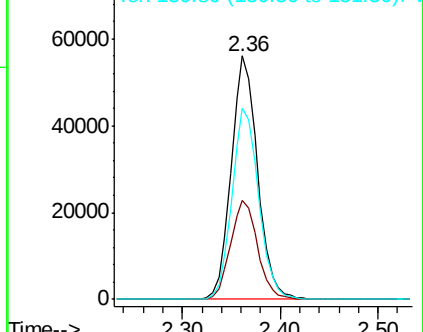
151 80.0 62.1 93.1



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: 29.507 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

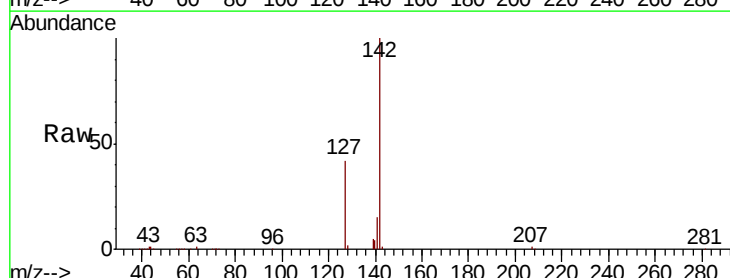
Tgt Ion:142 Resp: 93282

Ion Ratio Lower Upper

142 100

127 42.5 34.6 52.0

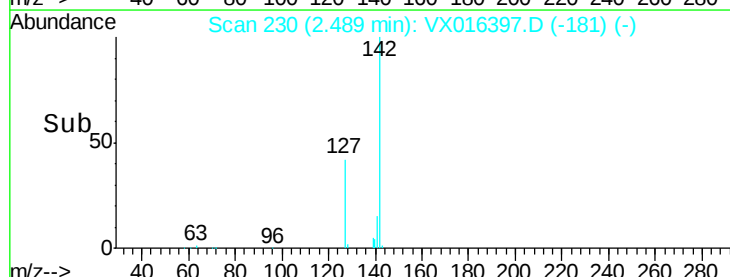
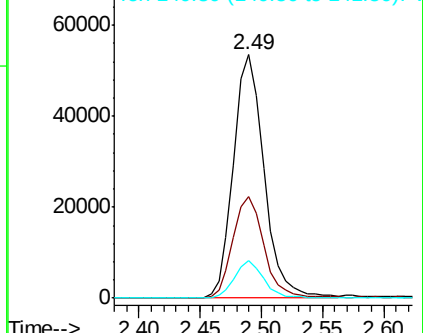
141 14.6 11.3 16.9



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



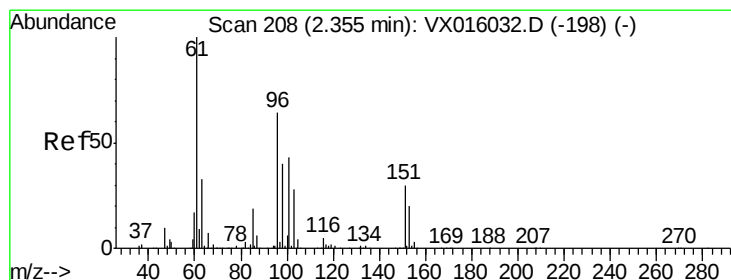
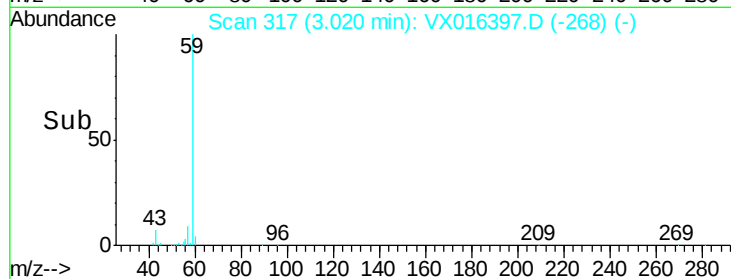
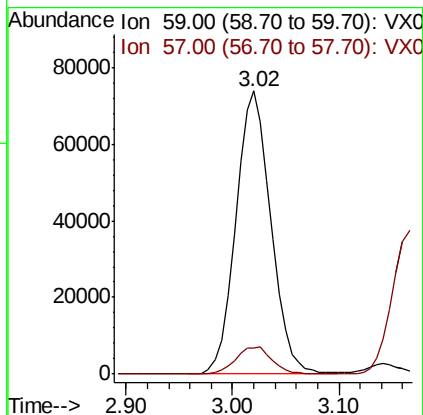
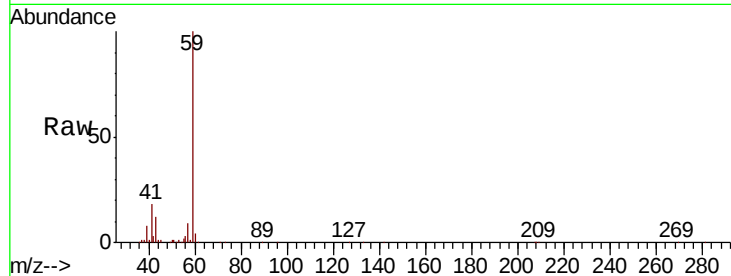


#11

Tert butyl alcohol
 Concen: 215.799 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Instrument :
 MSVOA_X
 ClientSampleId :

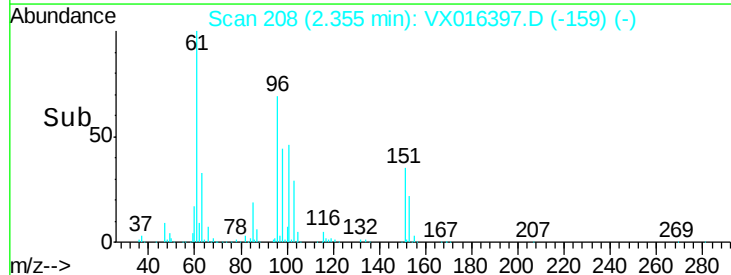
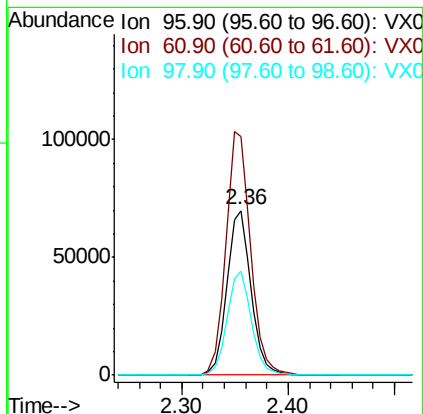
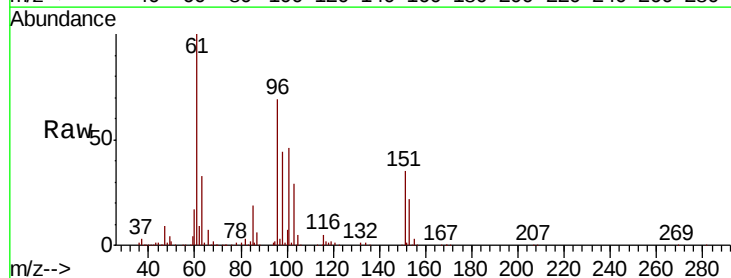
Tot Ion: 59 Resp: 170134
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.4

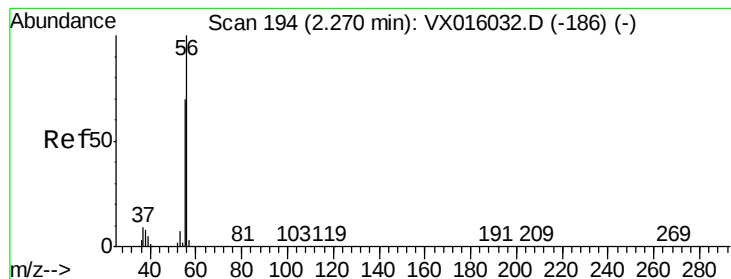


#12

1,1-Dichloroethene
 Concen: 44.869 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Tgt Ion: 96 Resp: 110507
 Ion Ratio Lower Upper
 96 100
 61 145.5 124.8 187.2
 98 63.8 49.7 74.5





#13

Acrolein

Concen: 198.969 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

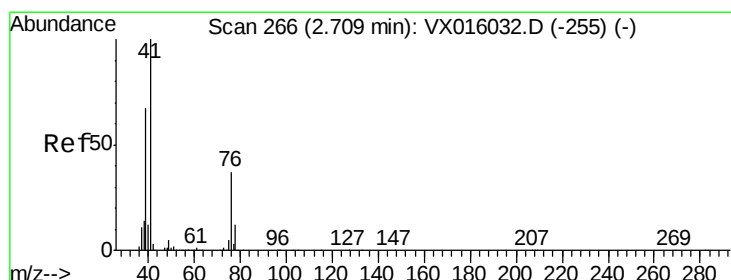
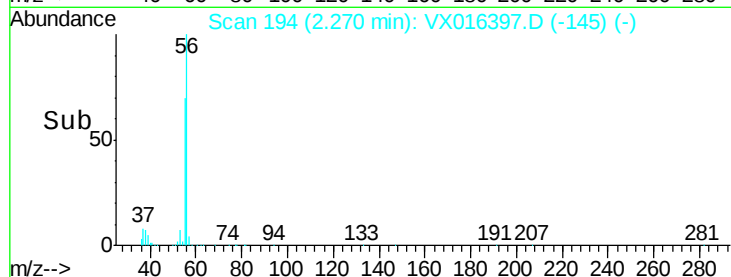
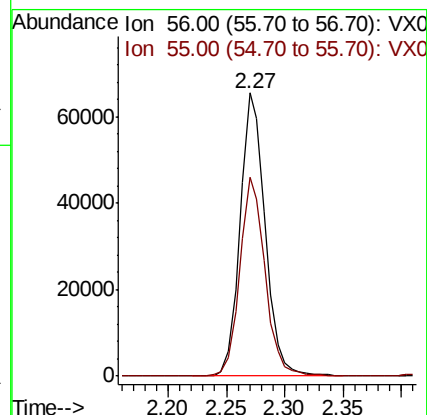
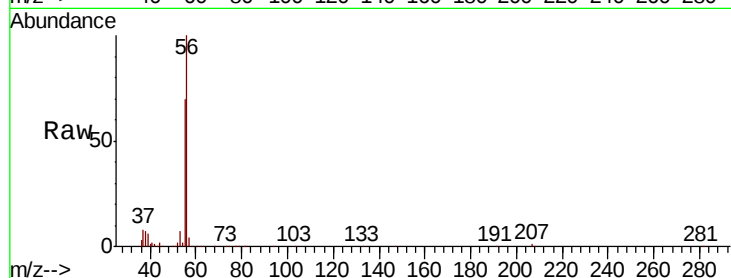
ClientSampleId :

Tot Ion: 56 Resp: 98161

Ion Ratio Lower Upper

56 100

55 70.4 56.5 84.7



#14

Allyl chloride

Concen: 40.547 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

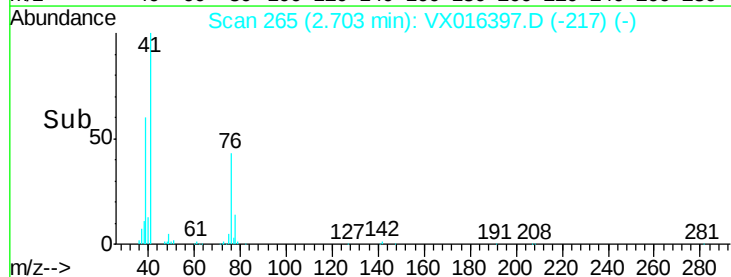
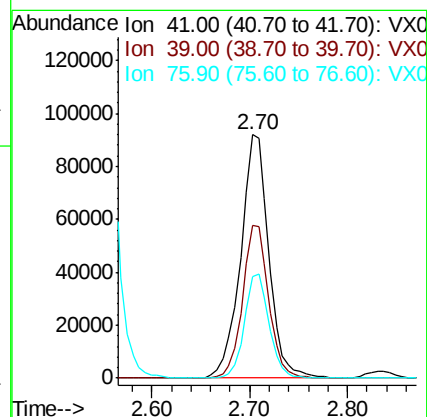
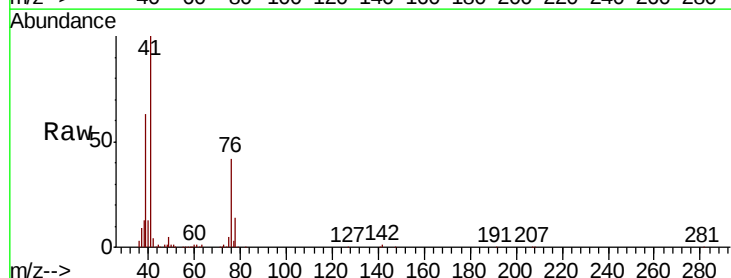
Tgt Ion: 41 Resp: 183101

Ion Ratio Lower Upper

41 100

39 58.2 50.5 75.7

76 37.6 26.6 40.0





#15

Acrylonitrile

Concen: 224.538 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

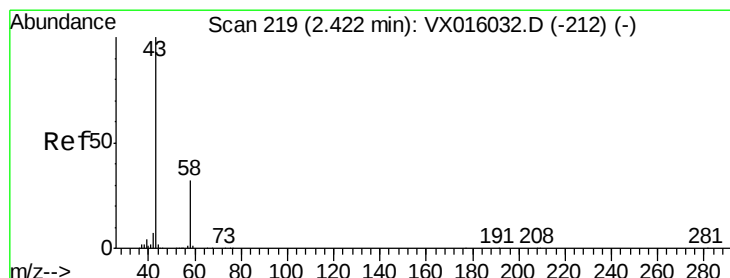
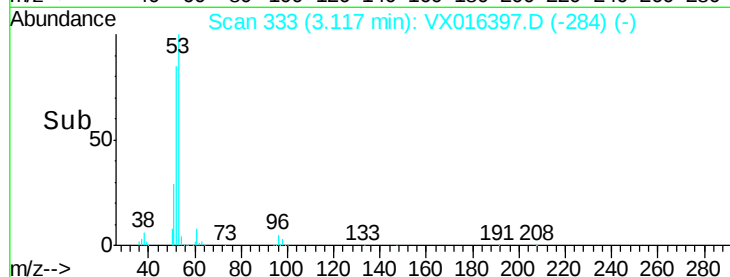
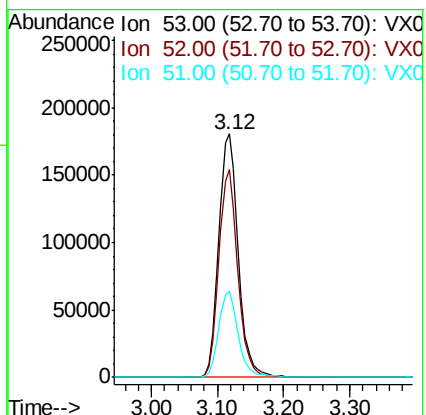
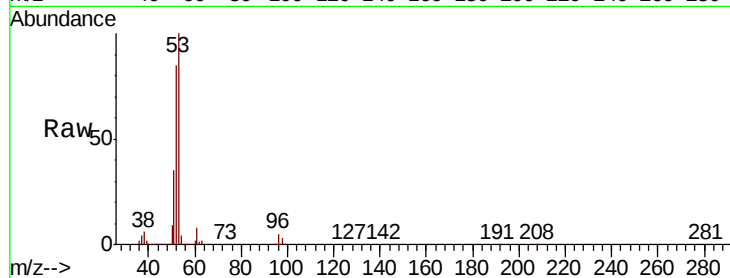
Tot Ion: 53 Resp: 367236

Ion Ratio Lower Upper

53 100

52 82.9 66.1 99.1

51 35.5 28.8 43.2



#16

Acetone

Concen: 202.053 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016397.D

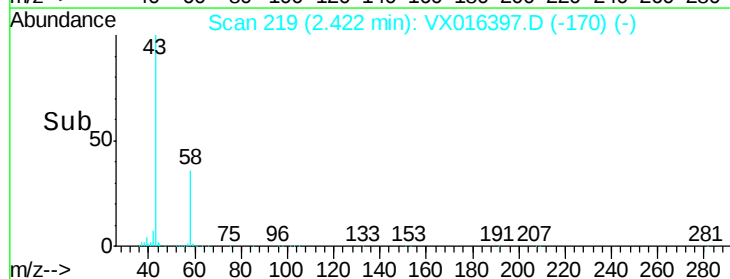
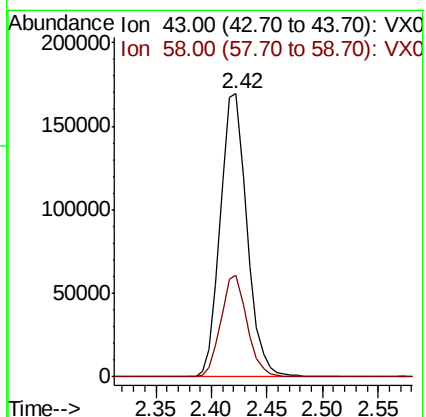
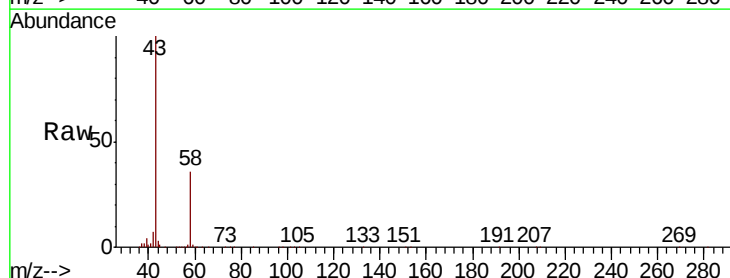
Acq: 21 May 2020 20:20

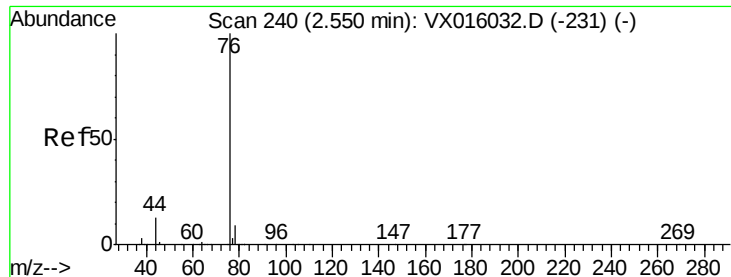
Tgt Ion: 43 Resp: 281075

Ion Ratio Lower Upper

43 100

58 35.9 25.4 38.0





#17

Carbon Disulfide

Concen: 42.010 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

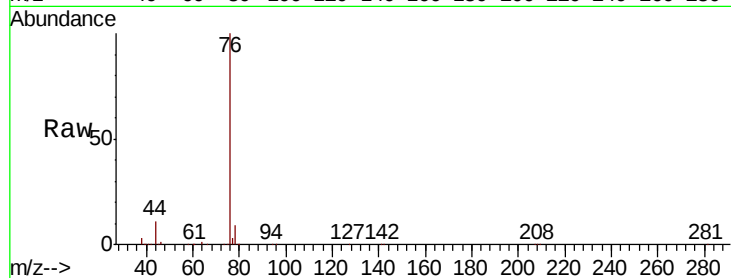
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 310957

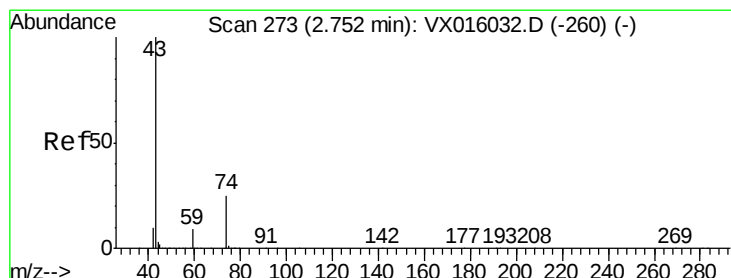
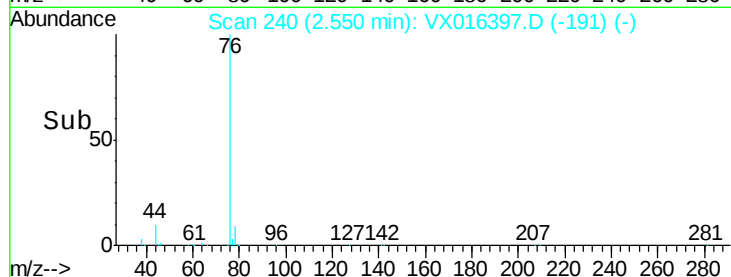
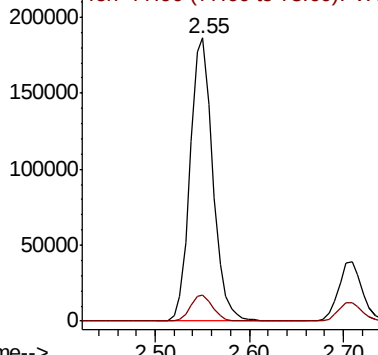
Ion Ratio Lower Upper

76 100

78 9.2 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: 44.119 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016397.D

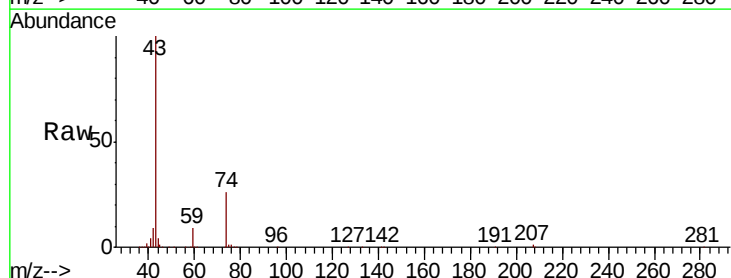
Acq: 21 May 2020 20:20

Tgt Ion: 43 Resp: 150903

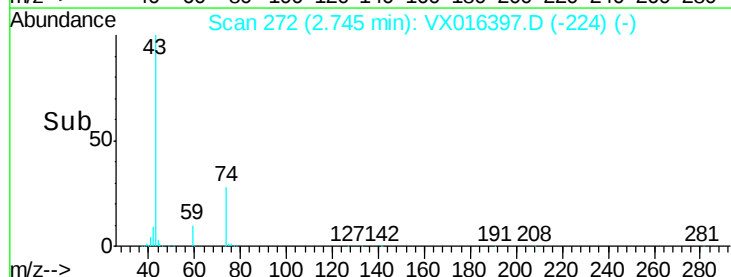
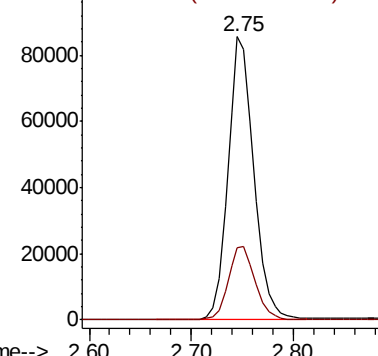
Ion Ratio Lower Upper

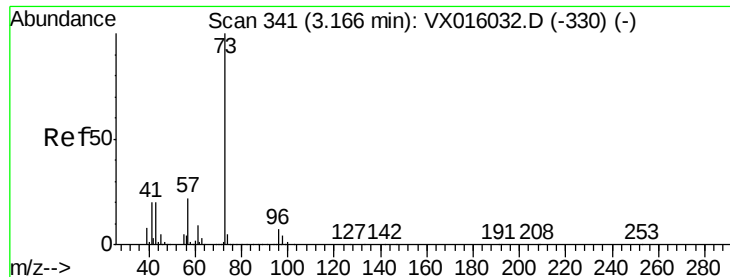
43 100

74 27.3 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0



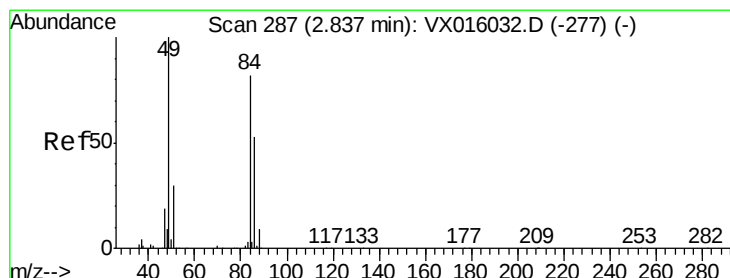
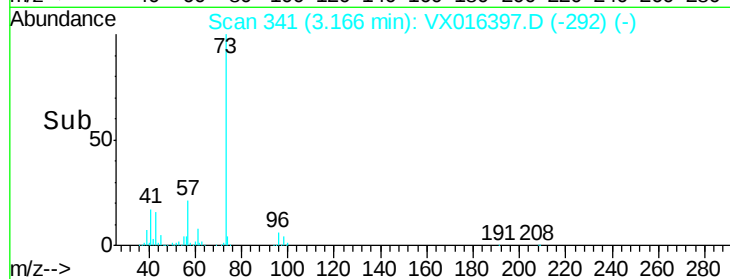
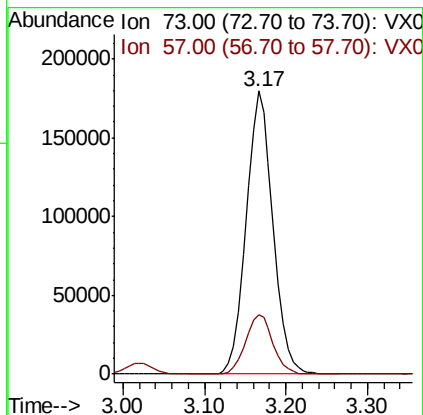
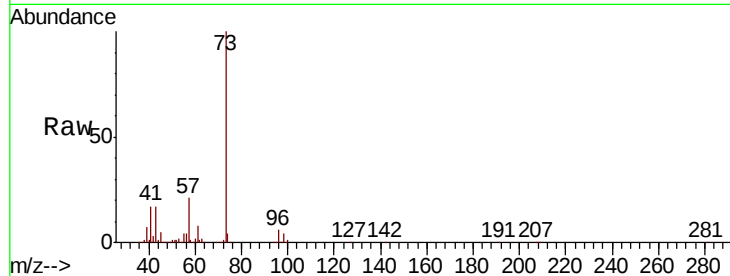


#19

Methyl tert-butyl Ether
 Concen: 47.950 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Instrument :
 MSVOA_X
 ClientSampleId :

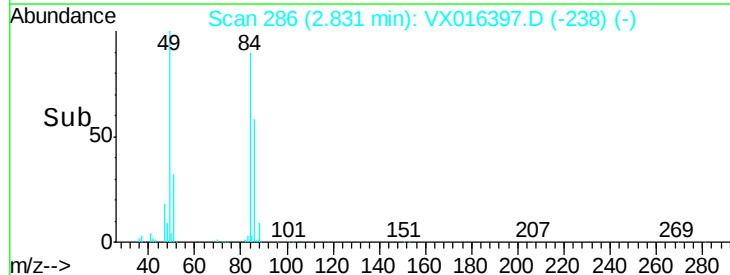
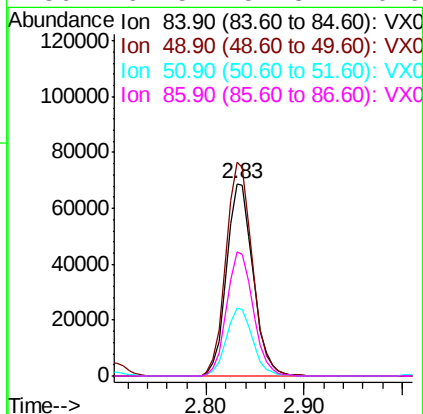
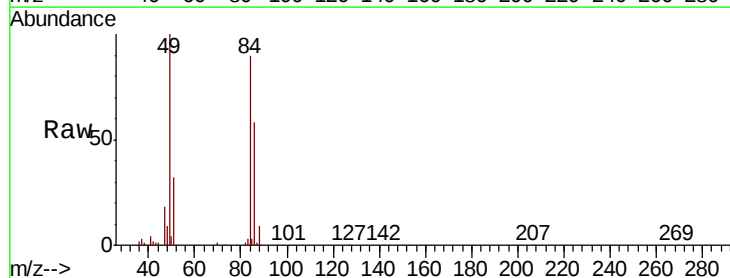
Tot Ion: 73 Resp: 407112
 Ion Ratio Lower Upper
 73 100
 57 20.8 17.8 26.6

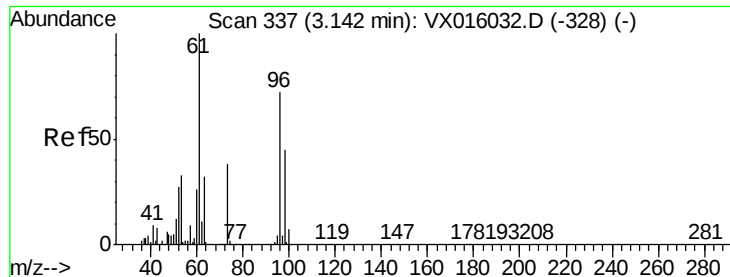


#20

Methylene Chloride
 Concen: 45.179 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Tgt Ion: 84 Resp: 129562
 Ion Ratio Lower Upper
 84 100
 49 111.2 97.3 145.9
 51 35.1 29.3 43.9
 86 64.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 45.869 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

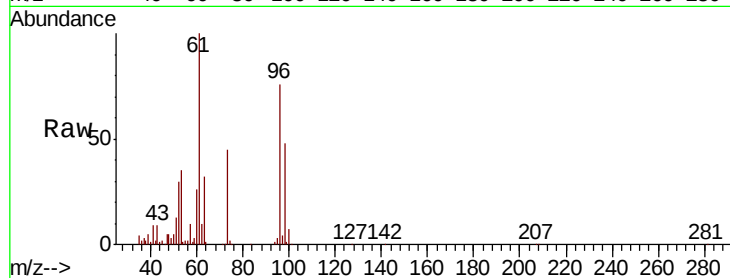
Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 125890

Ion	Ratio	Lower	Upper
96	100		
61	132.0	111.2	166.8
98	63.5	50.2	75.4

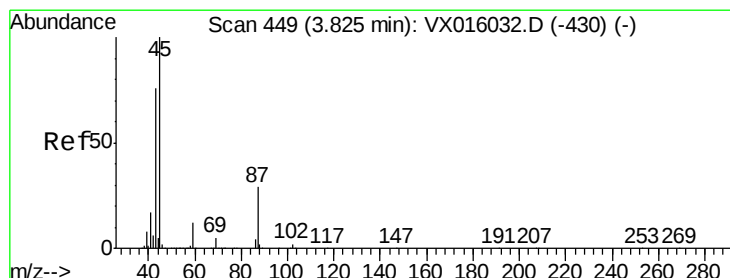
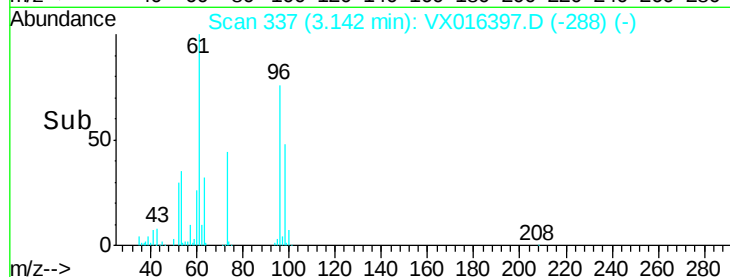
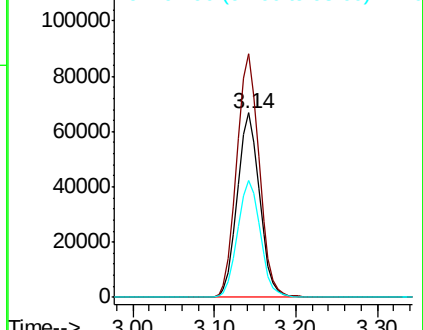


Abundance

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: 44.283 ug/l

RT: 3.82 min Scan# 449

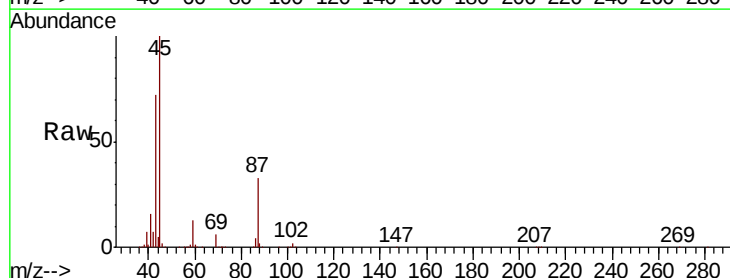
Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Tgt Ion: 45 Resp: 377262

Ion	Ratio	Lower	Upper
45	100		
43	72.2	61.1	91.7
87	33.0	23.0	34.6
59	12.5	9.8	14.6



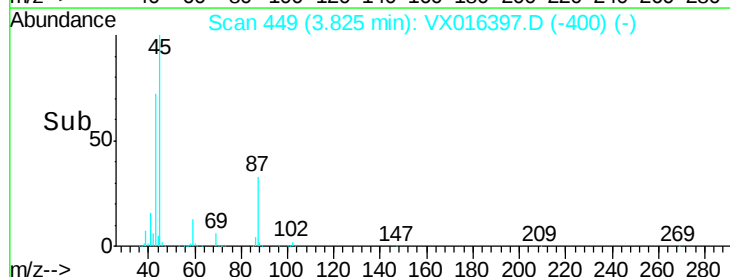
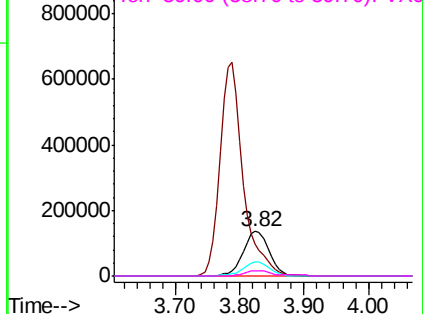
Abundance

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

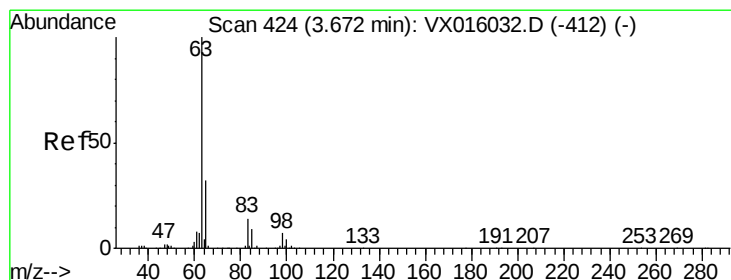
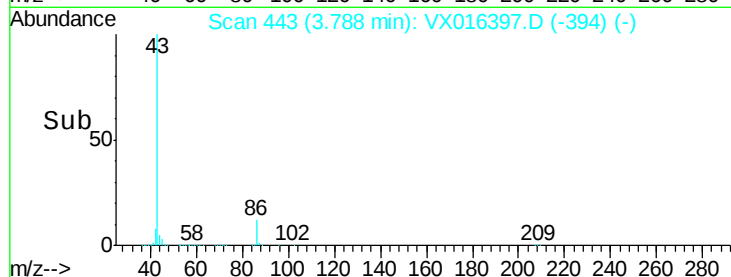
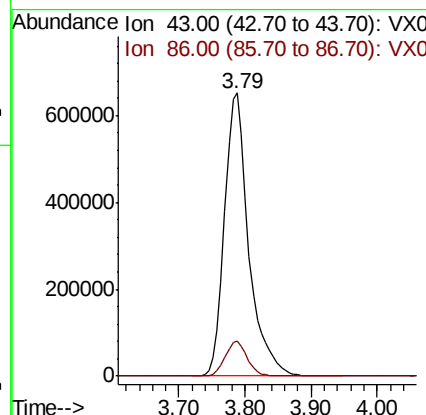
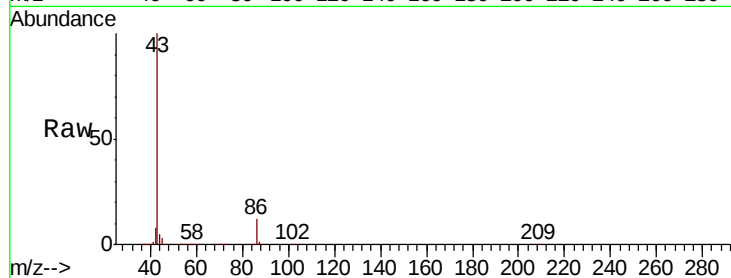




#23
 Vinyl Acetate
 Concen: 220.484 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

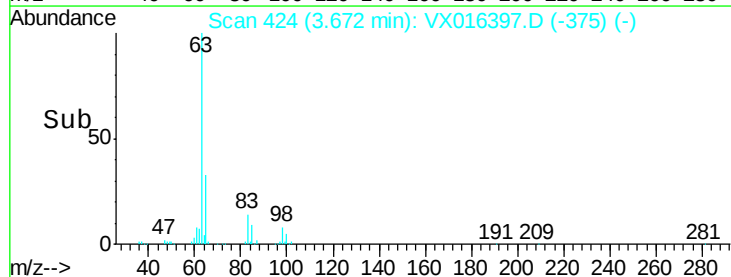
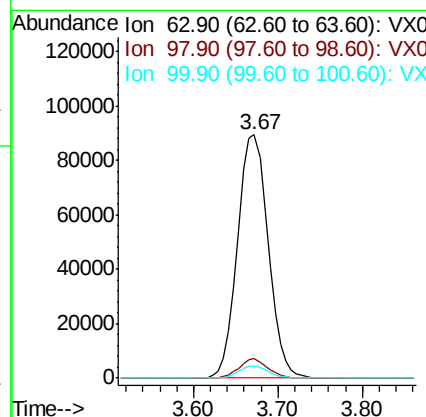
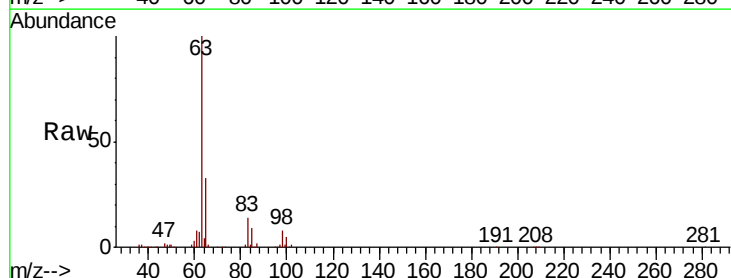
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 1652573
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 46.308 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Tgt Ion: 63 Resp: 220692
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.5
 100 4.9 2.1 6.5





#25

2-Butanone

Concen: 218.765 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

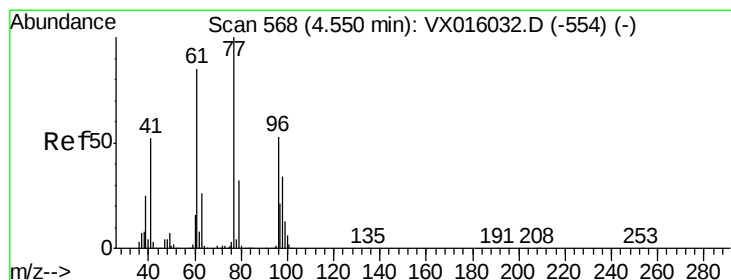
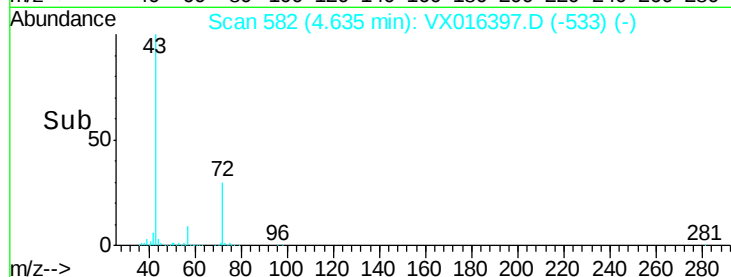
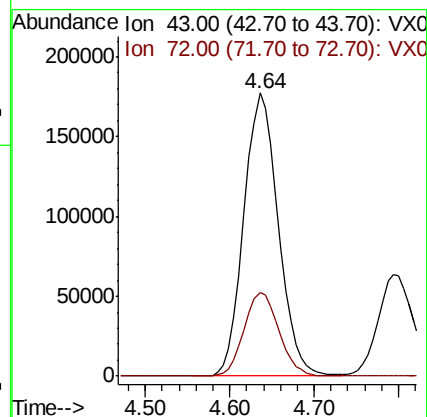
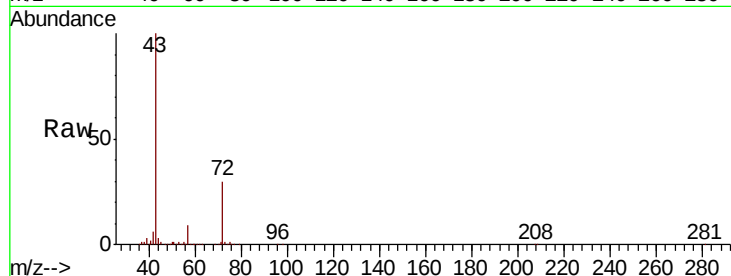
ClientSampled :

Tot Ion: 43 Resp: 490388

Ion Ratio Lower Upper

43 100

72 29.5 21.8 32.8



#26

2,2-Dichloropropane

Concen: 40.396 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016397.D

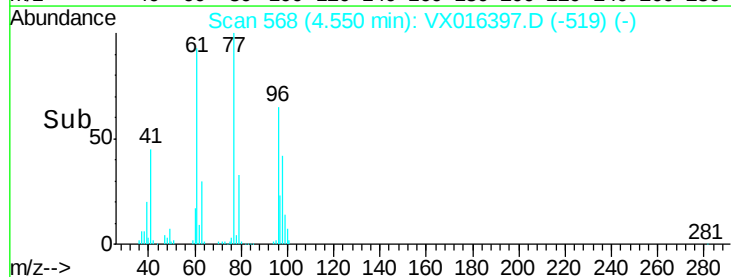
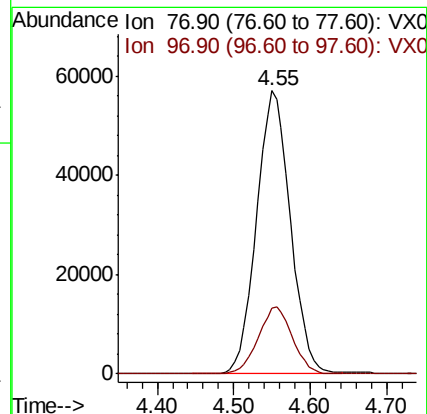
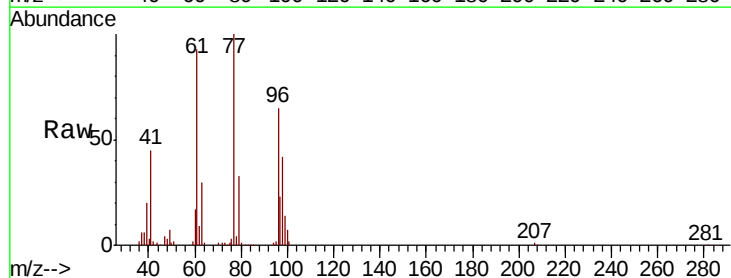
Acq: 21 May 2020 20:20

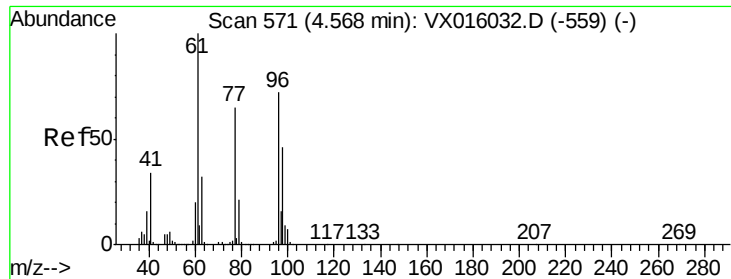
Tgt Ion: 77 Resp: 175814

Ion Ratio Lower Upper

77 100

97 23.8 11.2 33.6



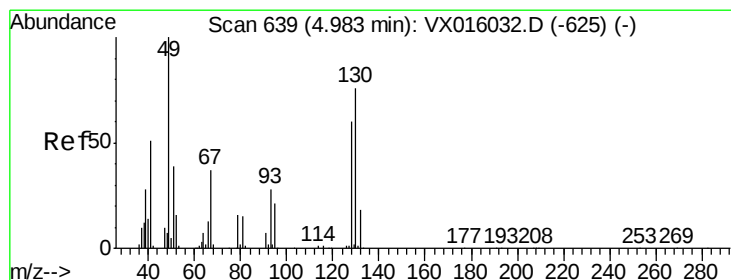
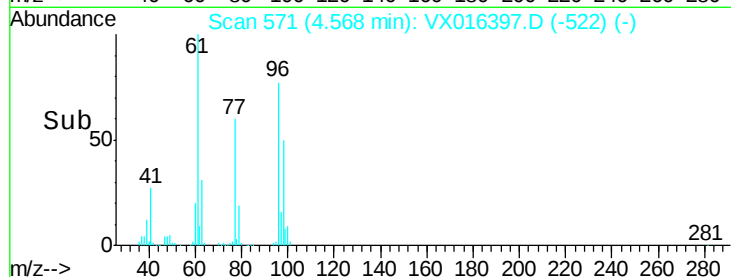
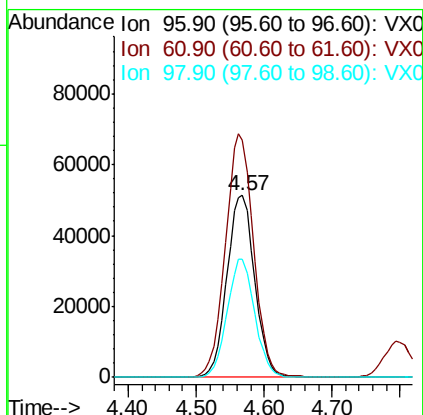
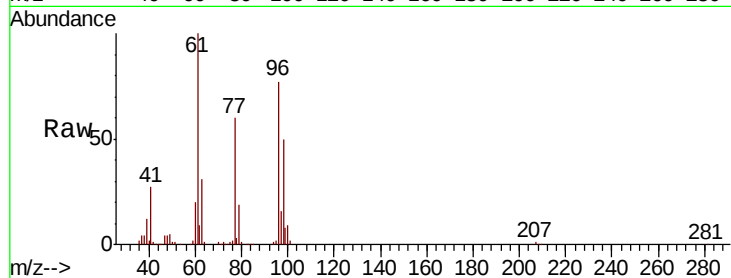


#27

cis-1,2-Dichloroethene
Concen: 48.435 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :

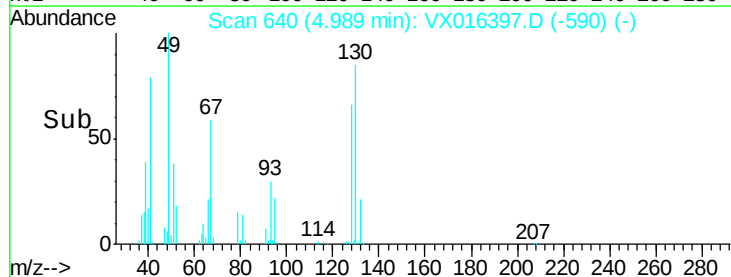
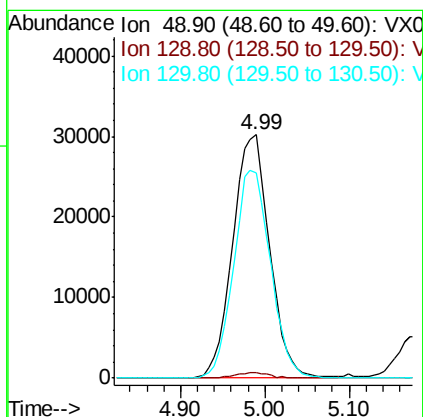
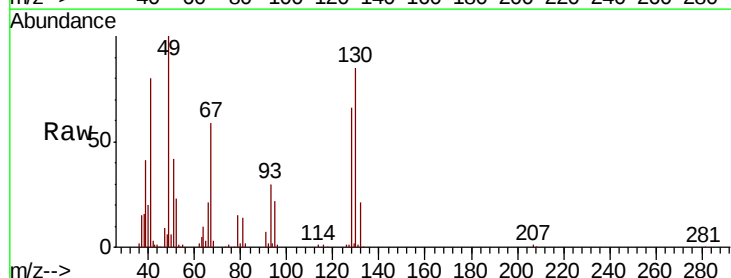
Tot Ion	96	Resp	145327
Ion	Ratio	Lower	Upper
96	100		
61	135.4	0.0	296.2
98	64.3	0.0	129.4

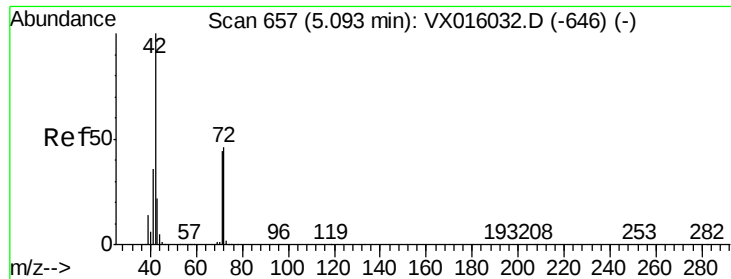


#28

Bromochloromethane
Concen: 41.295 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion	49	Resp	89738
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	85.1	62.4	93.6





#29

Tetrahydrofuran

Concen: 218.492 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

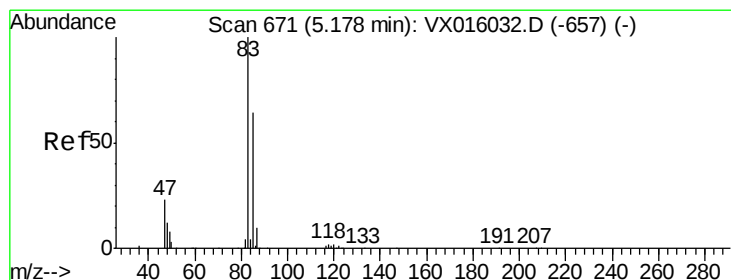
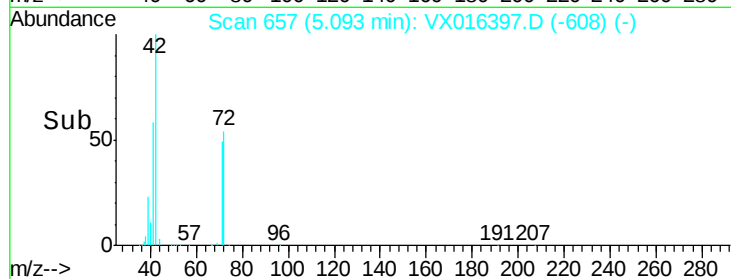
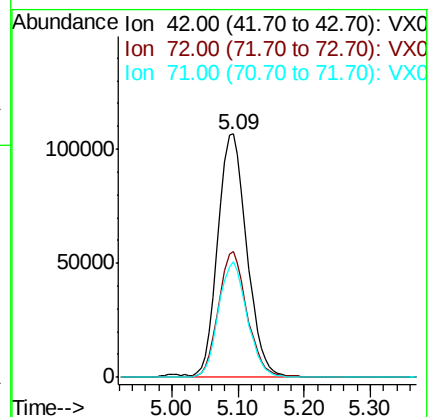
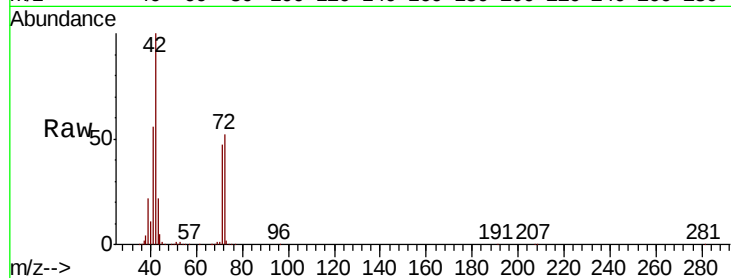
Tot Ion: 42 Resp: 324526

Ion Ratio Lower Upper

42 100

72 51.1 37.1 55.7

71 46.9 34.5 51.7



#30

Chloroform

Concen: 47.361 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016397.D

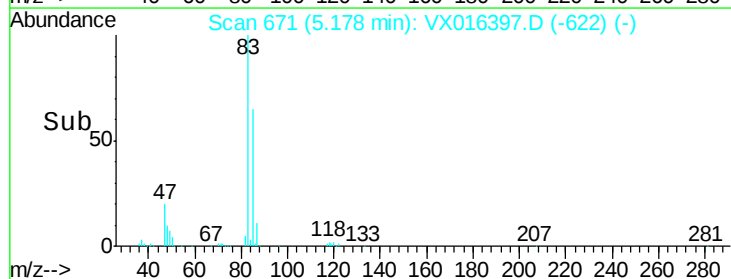
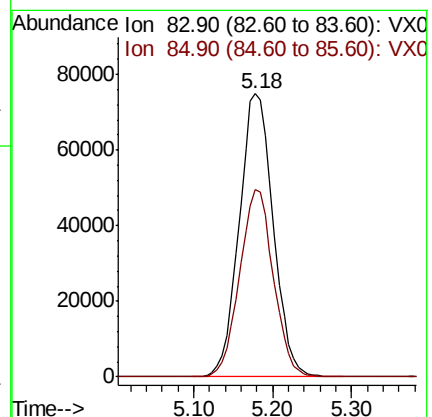
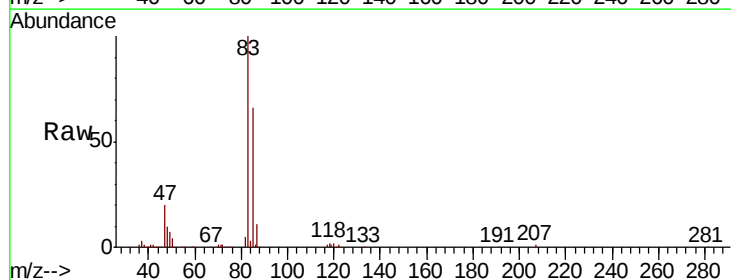
Acq: 21 May 2020 20:20

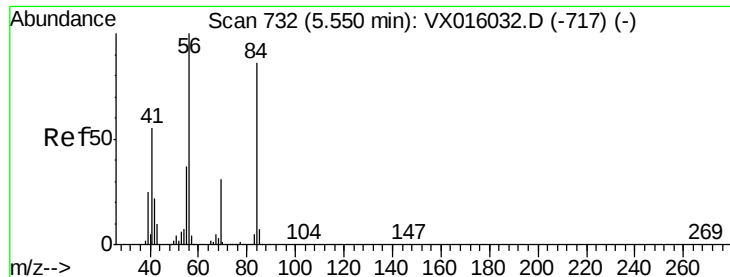
Tgt Ion: 83 Resp: 224732

Ion Ratio Lower Upper

83 100

85 66.3 51.6 77.4

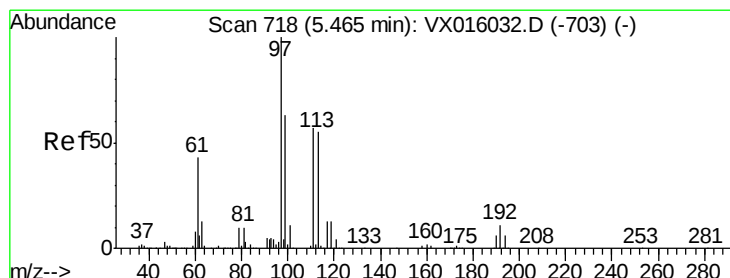
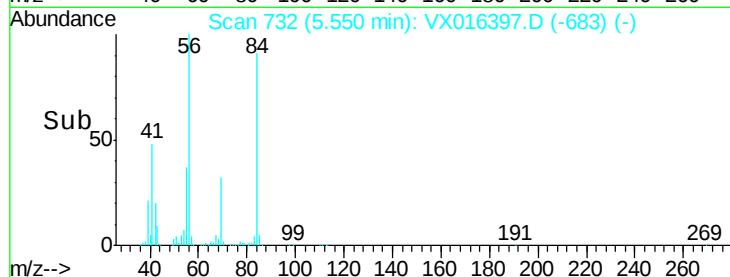
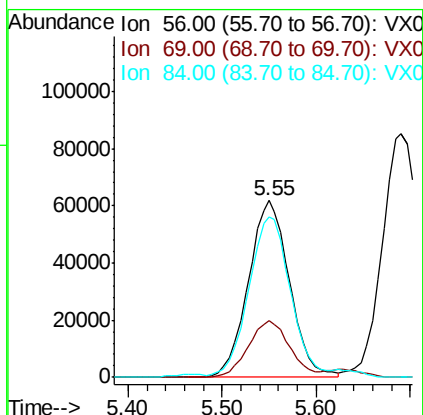
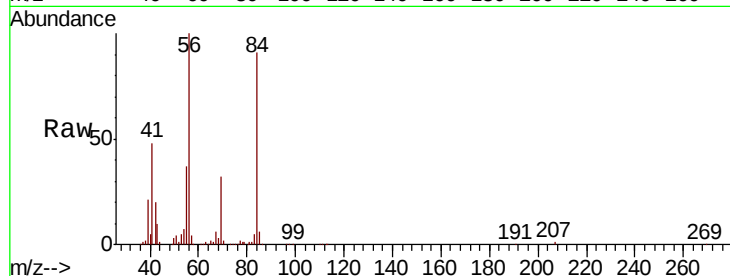




#31
Cyclohexane
Concen: 43.436 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

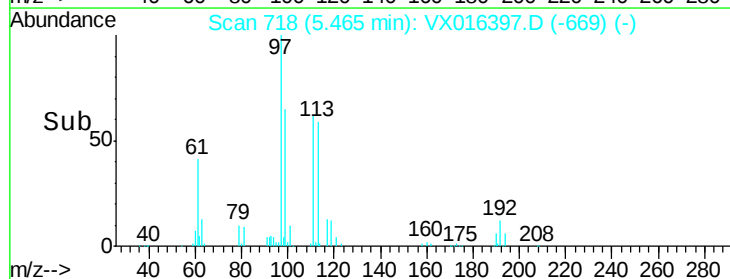
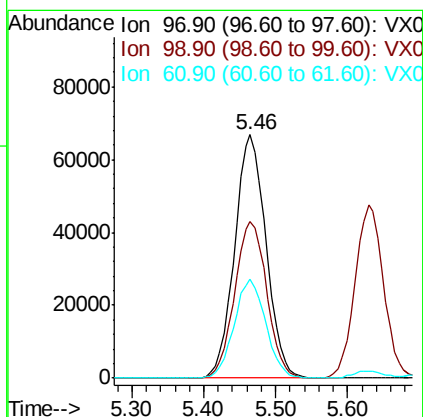
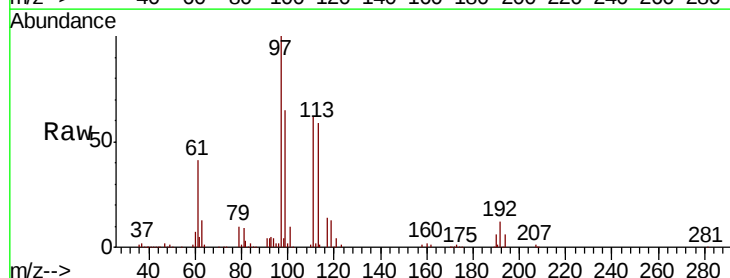
Instrument :
MSVOA_X
ClientSampled :

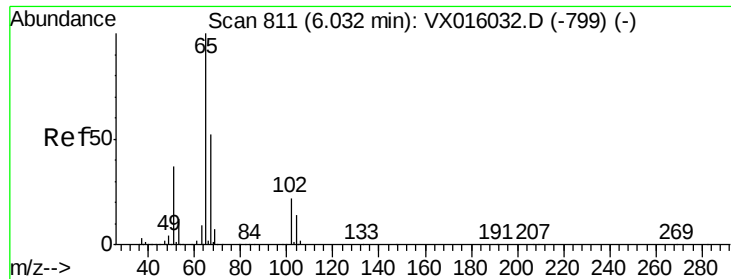
Tot Ion: 56 Resp: 188128
Ion Ratio Lower Upper
56 100
69 31.9 25.0 37.6
84 89.1 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 46.867 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion: 97 Resp: 202147
Ion Ratio Lower Upper
97 100
99 65.9 51.0 76.4
61 40.9 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 44.811 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

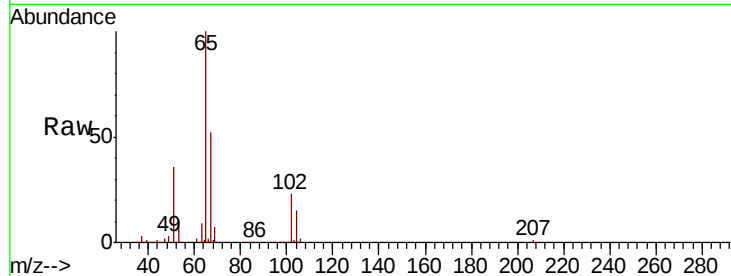
ClientSampleId :

Tot Ion: 65 Resp: 139708

Ion Ratio Lower Upper

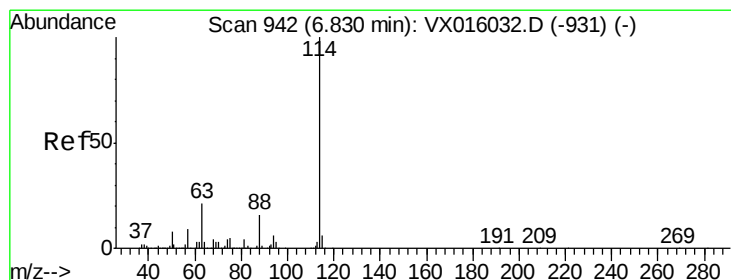
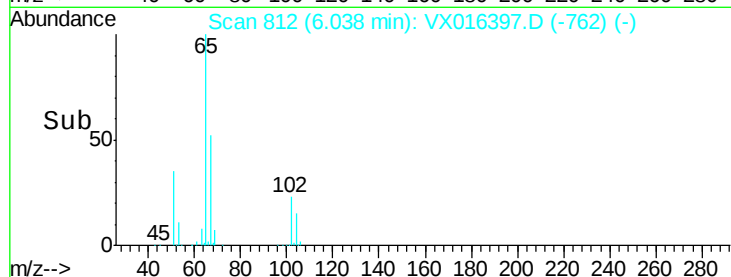
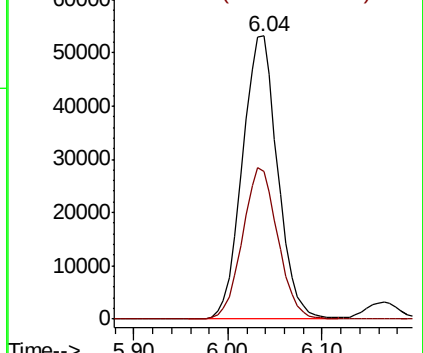
65 100

67 53.4 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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

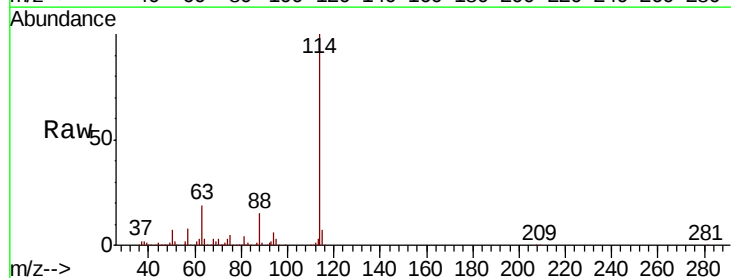
Tgt Ion: 114 Resp: 384099

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.8

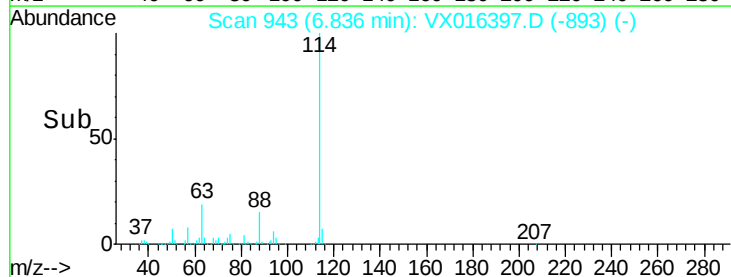
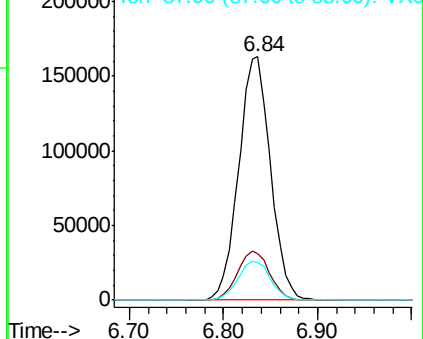
88 15.5 0.0 31.4



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

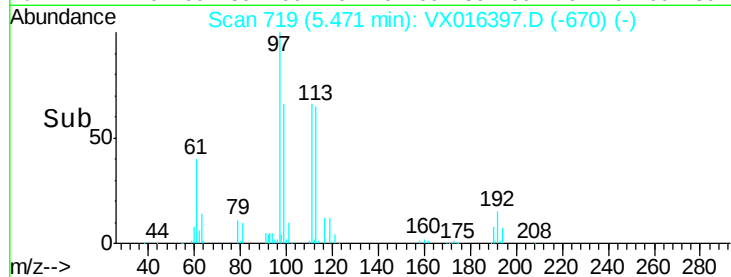
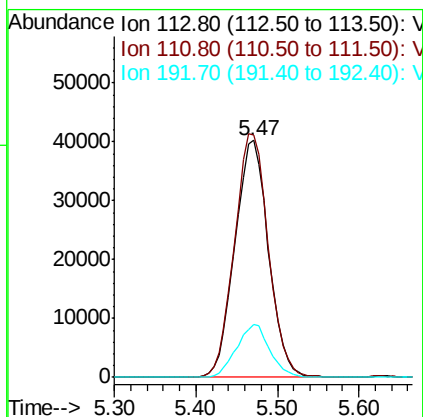
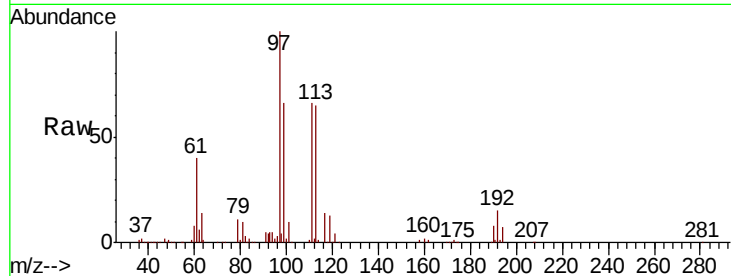




#35
 Dibromofluoromethane
 Concen: 47.412 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

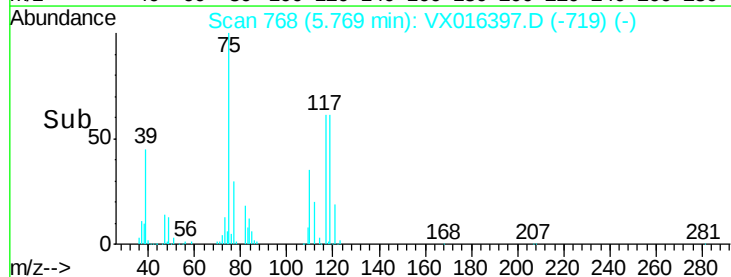
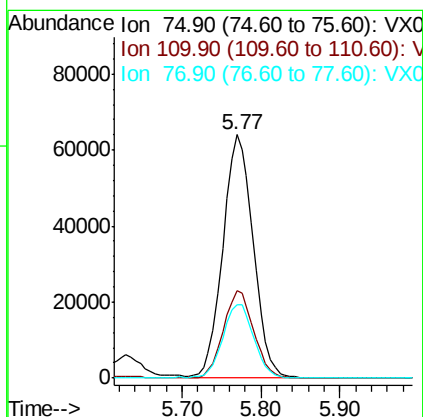
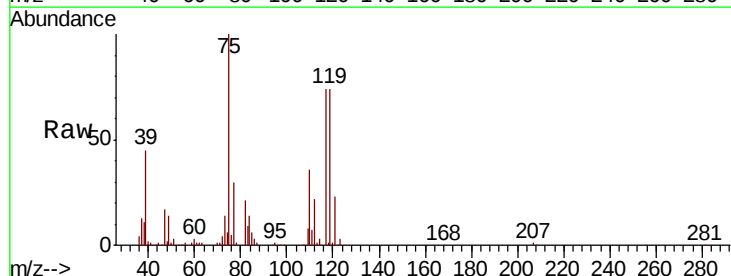
Instrument :
 MSVOA_X
 ClientSampled :

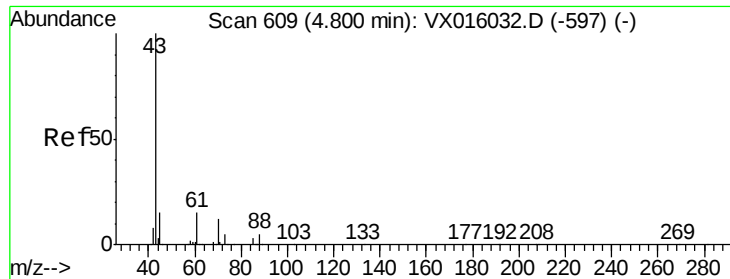
Tot Ion:113 Resp: 115375
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.6 122.4
 192 21.9 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 45.241 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Tgt Ion: 75 Resp: 171054
 Ion Ratio Lower Upper
 75 100
 110 35.9 18.1 54.1
 77 30.8 25.0 37.6

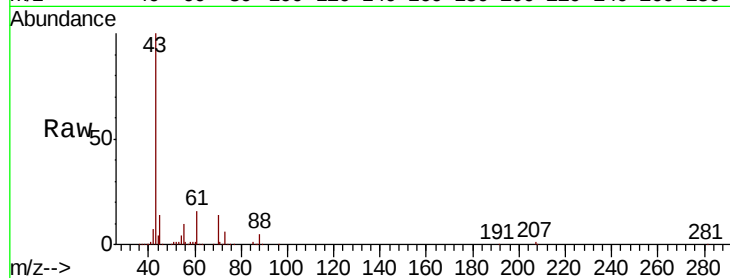




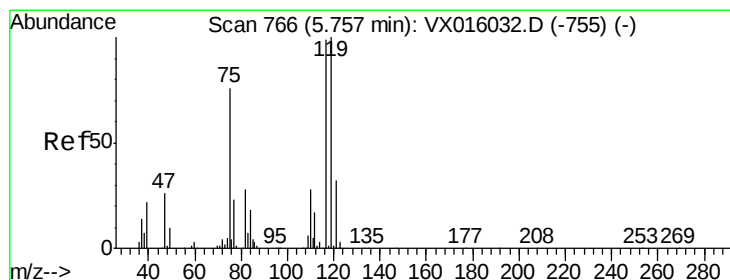
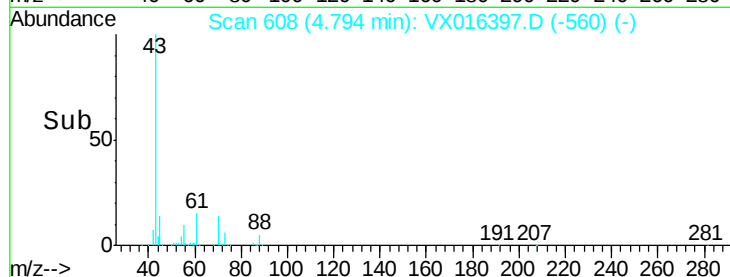
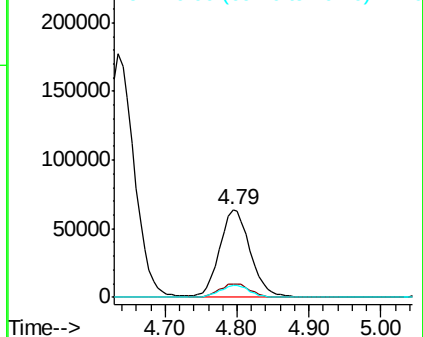
#37
Ethyl Acetate
Concen: 42.913 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	43	Resp	188053
Ion Ratio	Lower	Upper	
43	100		
61	15.3	11.7	17.5
70	13.2	9.3	13.9

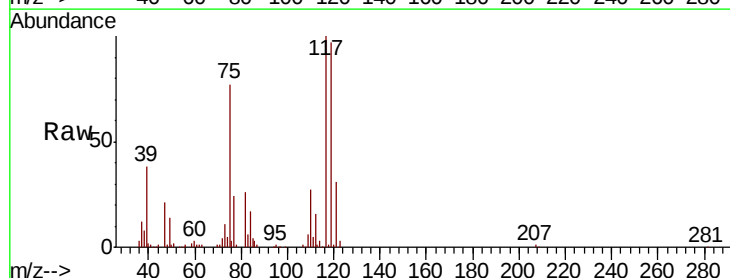


Abundance Ion 43.00 (42.70 to 43.70): VX016397.D (-560) (-)

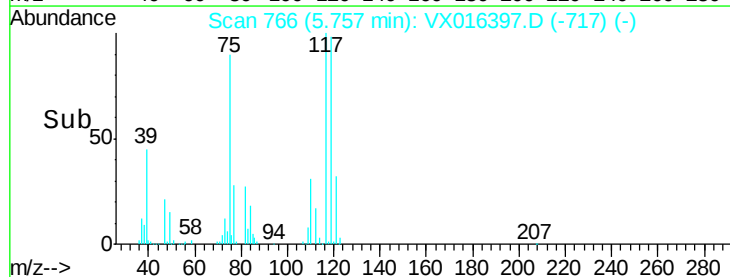
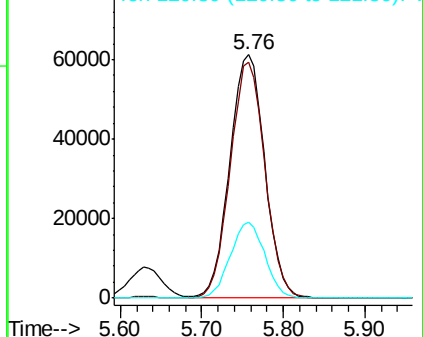


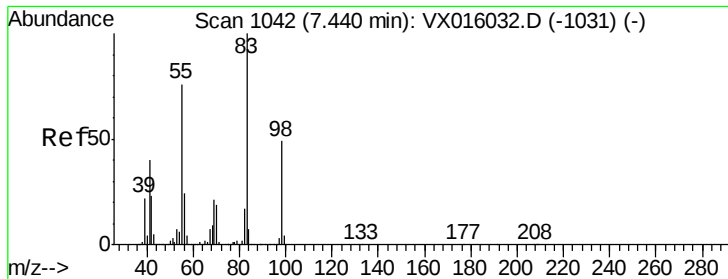
#38
Carbon Tetrachloride
Concen: 47.343 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion	117	Resp	181940
Ion Ratio	Lower	Upper	
117	100		
119	96.8	80.3	120.5
121	31.3	25.7	38.5



Abundance Ion 116.80 (116.50 to 117.50): VX016397.D (-717) (-)

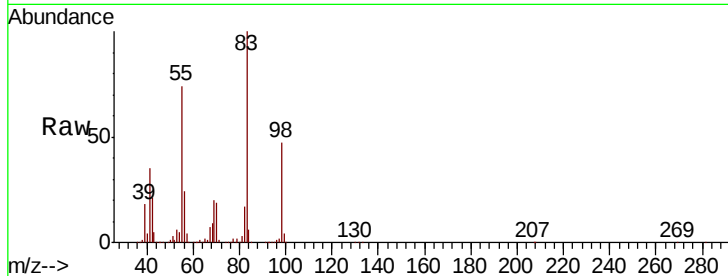




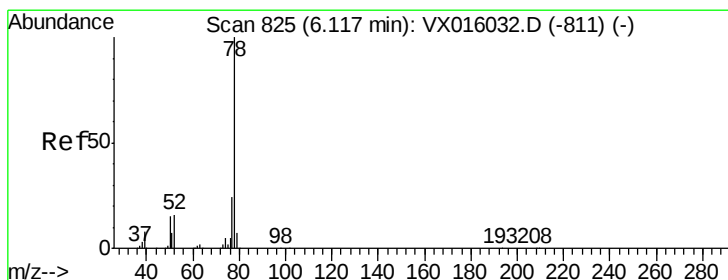
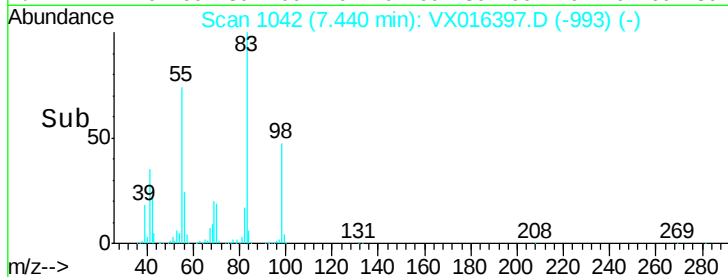
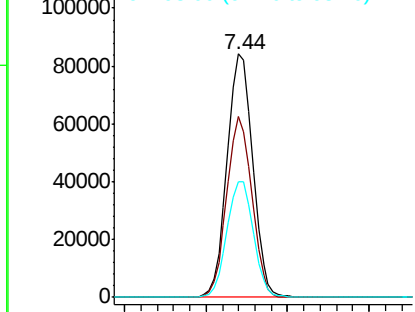
#39
Methvlcvclohexane
Concen: 40.138 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 182757
Ion Ratio Lower Upper
83 100
55 74.1 61.1 91.7
98 47.3 39.0 58.4

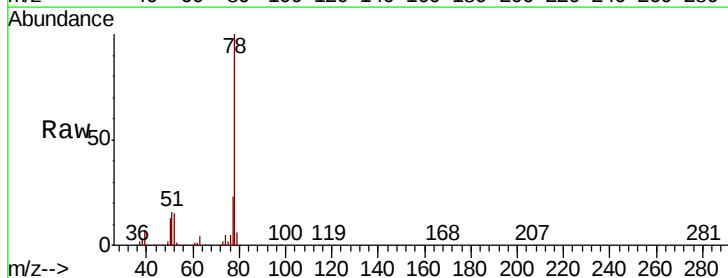


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

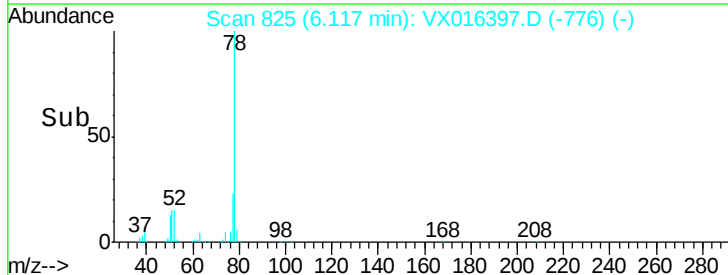
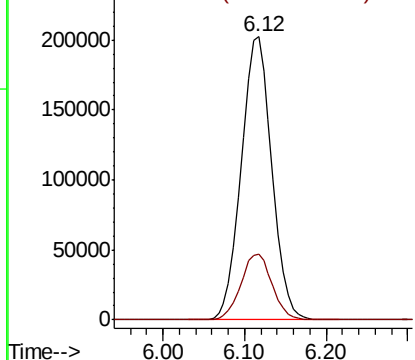


#40
Benzene
Concen: 47.654 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion: 78 Resp: 527181
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 42.643 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 100919

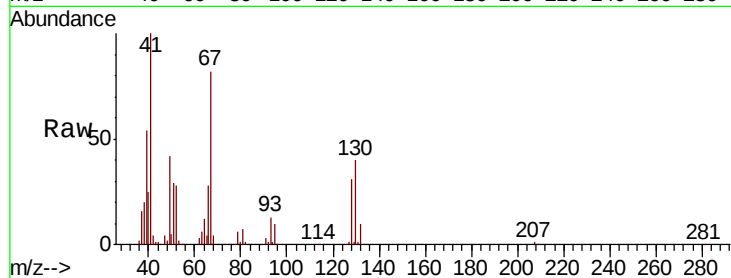
Ion Ratio Lower Upper

41 100

39 51.8 43.2 64.8

67 82.0 59.3 88.9

52 30.4 23.5 35.3

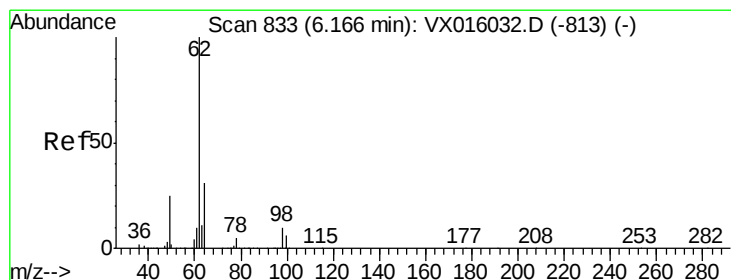
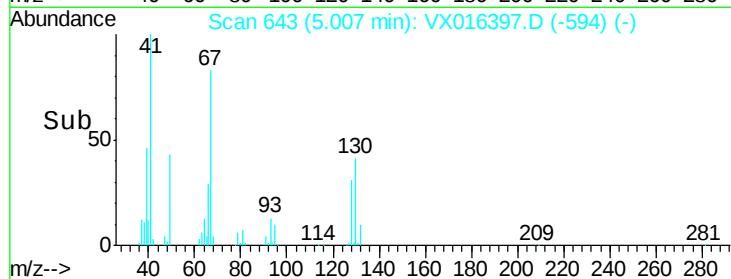
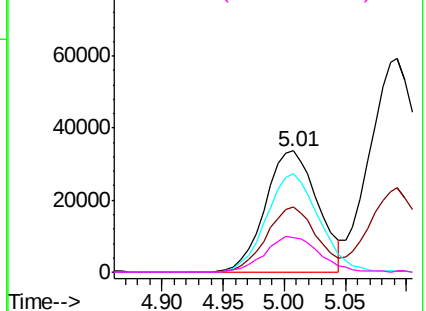


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 44.347 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX016397.D

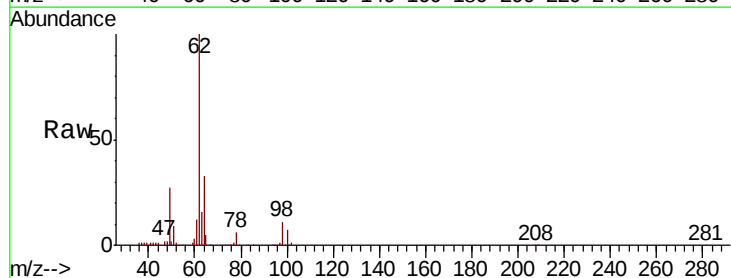
Acq: 21 May 2020 20:20

Tgt Ion: 62 Resp: 176729

Ion Ratio Lower Upper

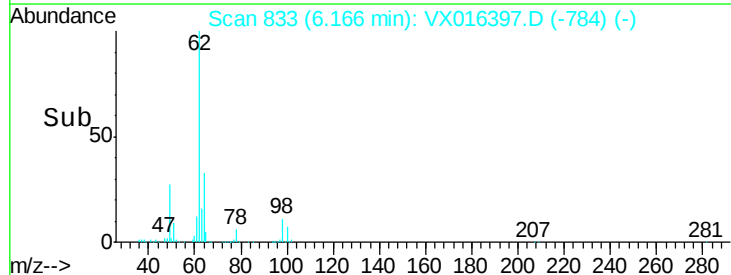
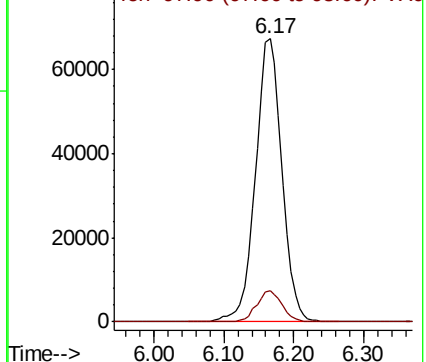
62 100

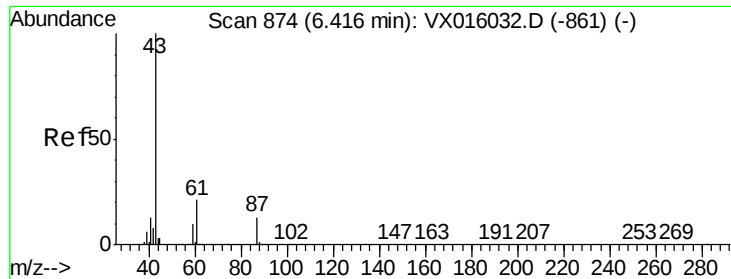
98 10.6 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



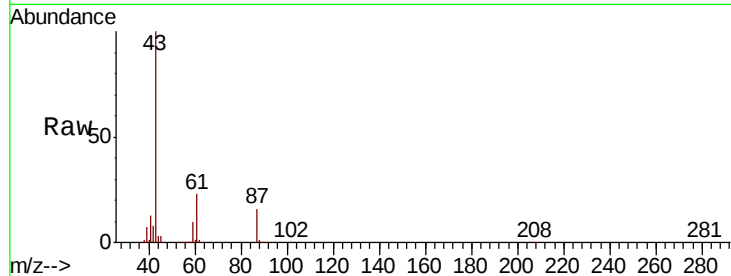


#43

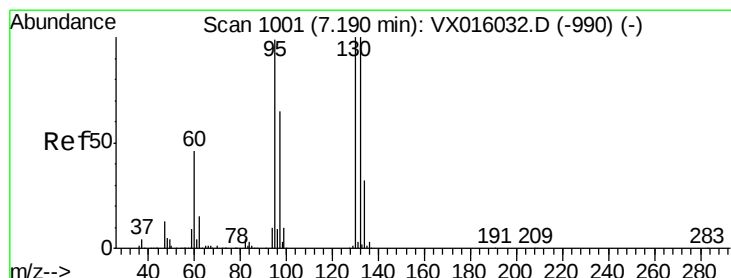
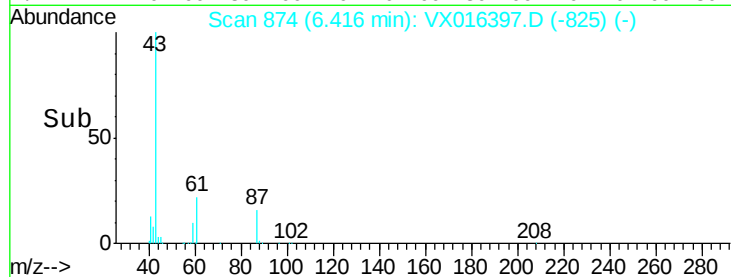
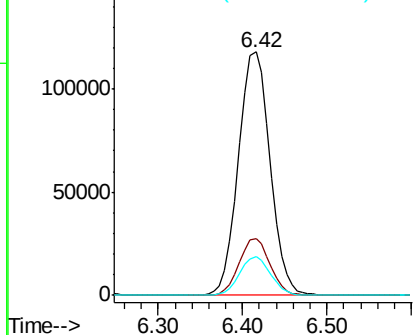
Isopropyl Acetate
 Concen: 42.868 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	43	Resp	299729
Ion Ratio	Lower	Upper	
43	100		
61	22.9	17.0	25.4
87	15.5	11.0	16.6



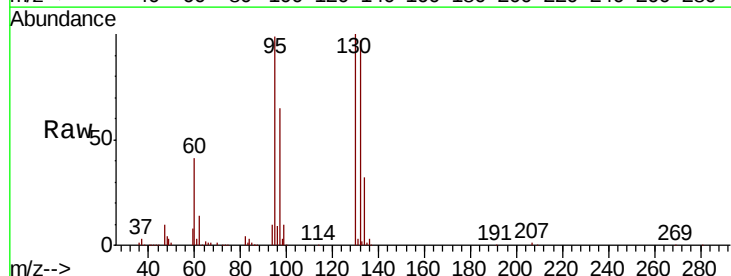
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



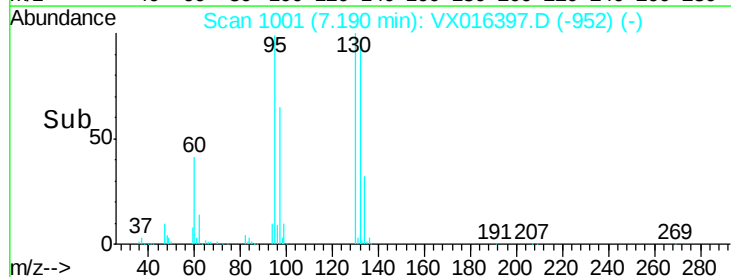
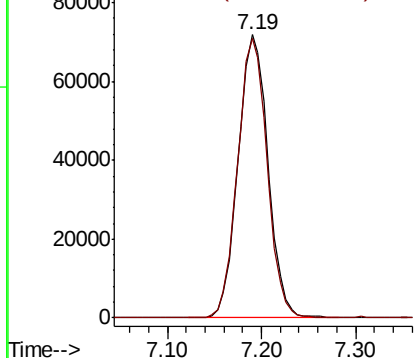
#44

Trichloroethene
 Concen: 40.597 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Tgt Ion	130	Resp	159554
Ion Ratio	Lower	Upper	
130	100		
95	98.8	0.0	197.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 47.577 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

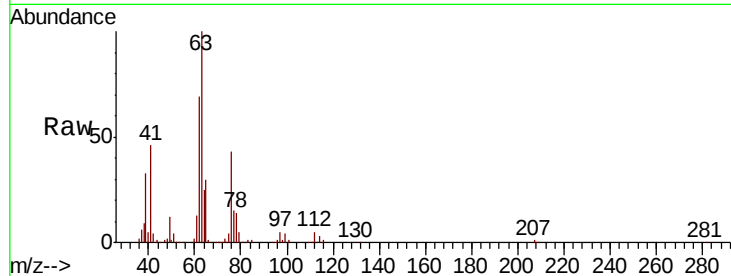
ClientSampleId :

Tot Ion: 63 Resp: 133181

Ion Ratio Lower Upper

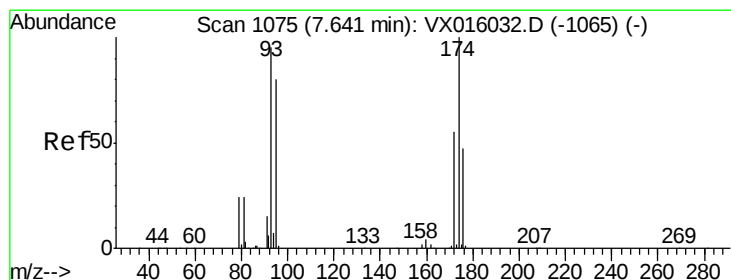
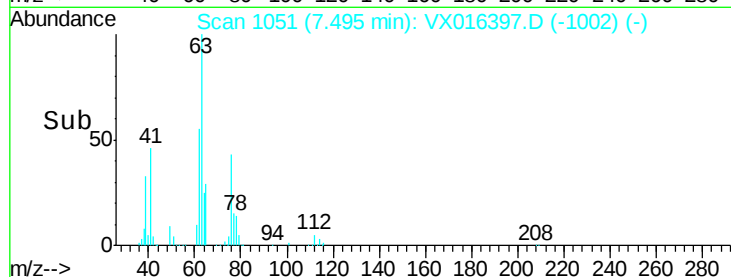
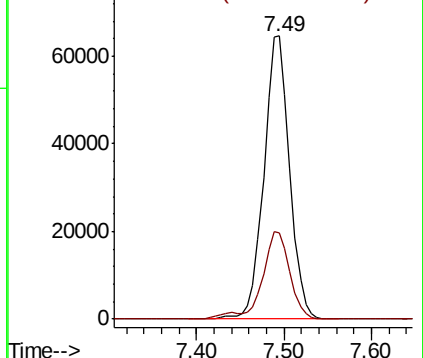
63 100

65 30.4 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 46.267 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

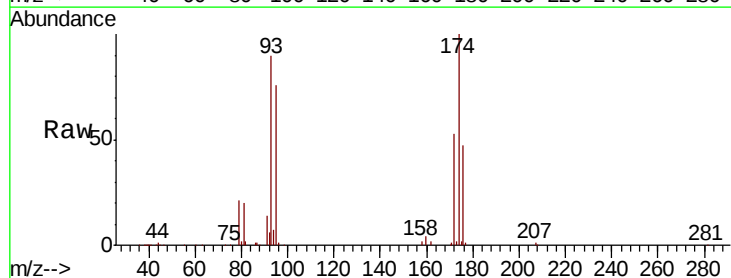
Tgt Ion: 93 Resp: 88014

Ion Ratio Lower Upper

93 100

95 84.3 66.6 100.0

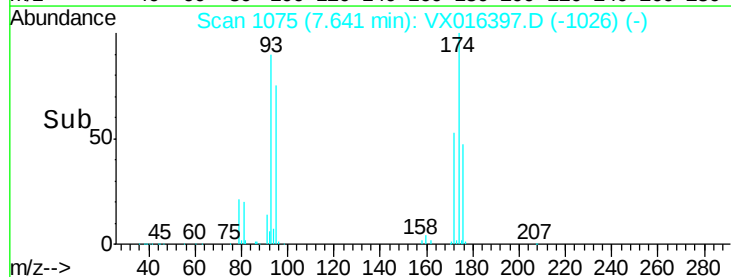
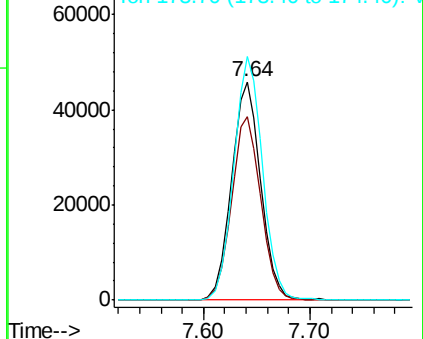
174 110.2 84.2 126.4

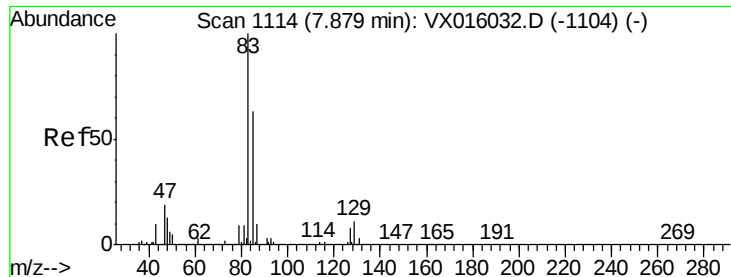


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.019 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

ClientSampled :

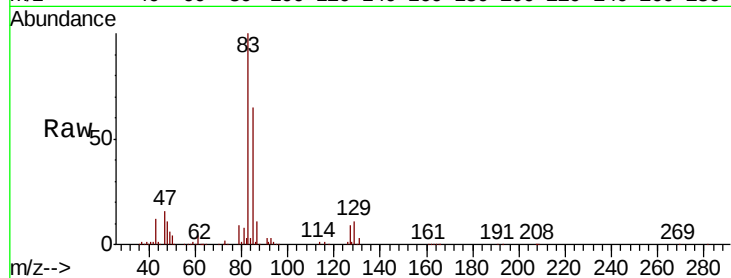
Tot Ion: 83 Resp: 186039

Ion Ratio Lower Upper

83 100

85 65.1 50.5 75.7

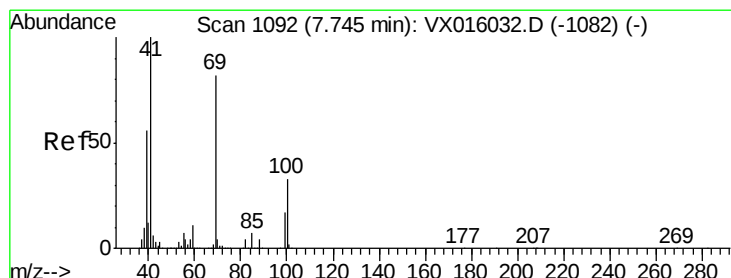
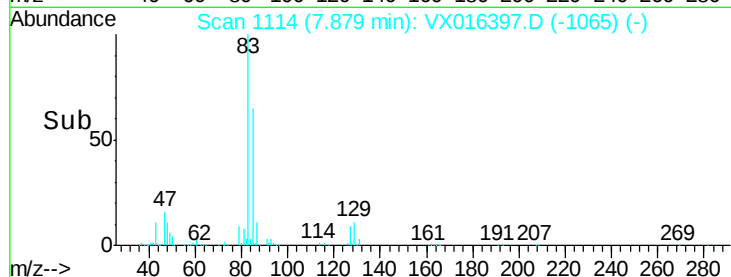
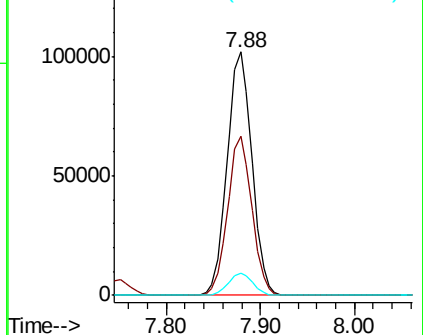
127 9.1 6.7 10.1



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): V



#48

Methyl methacrylate

Concen: 42.567 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

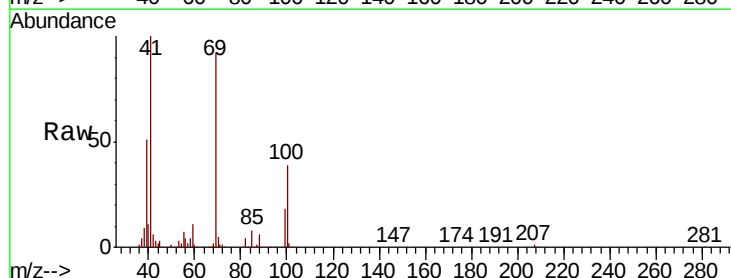
Tgt Ion: 41 Resp: 141030

Ion Ratio Lower Upper

41 100

69 95.7 67.8 101.6

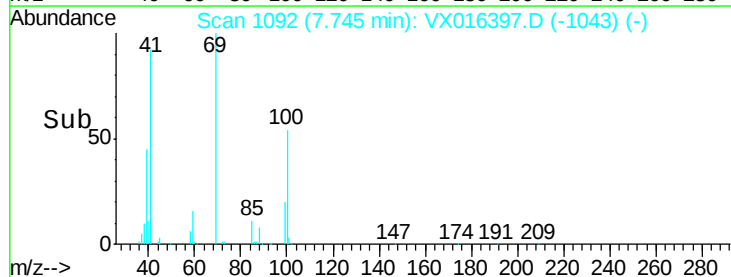
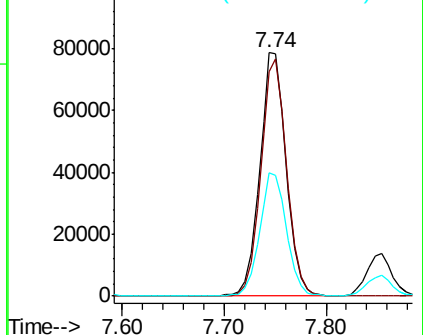
39 51.6 44.6 67.0

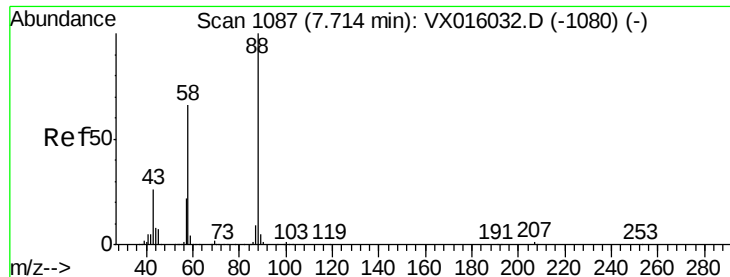


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

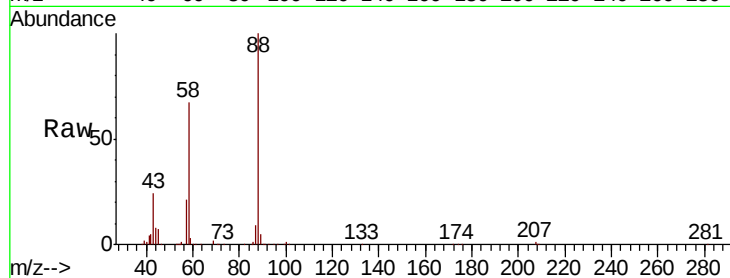




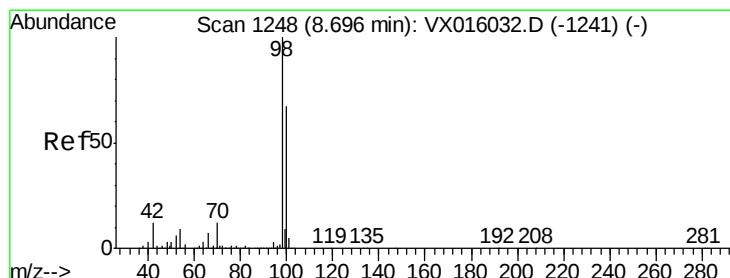
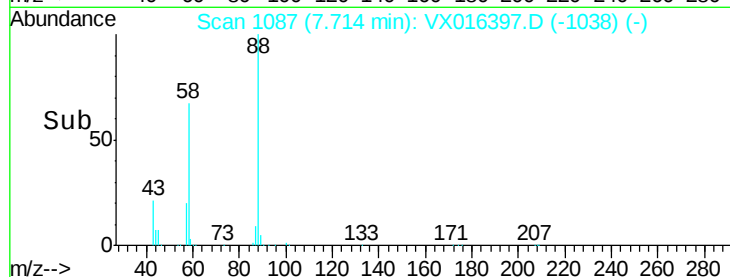
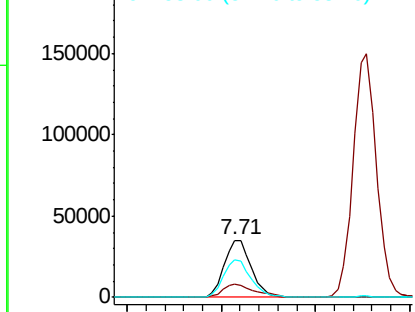
#49
 1,4-Dioxane
 Concen: 864.630 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	88	Resp	68703
Ion	Ratio	Lower	Upper
88	100		
43	27.7	25.3	37.9
58	68.1	55.9	83.9

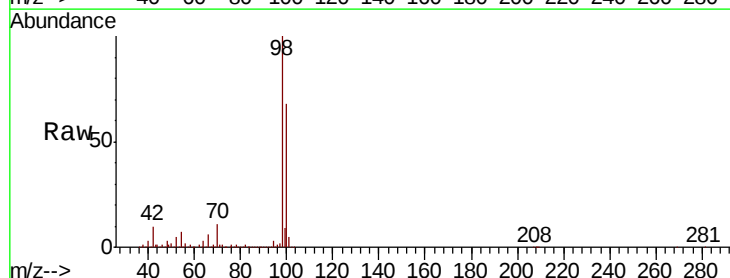


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

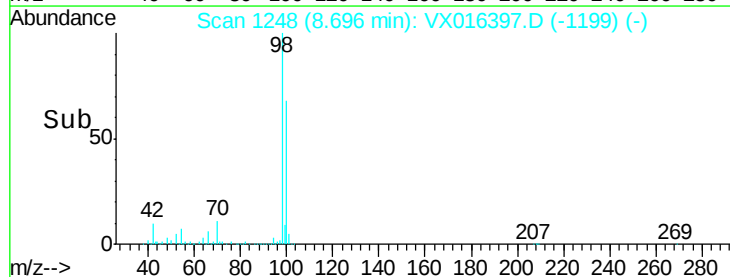
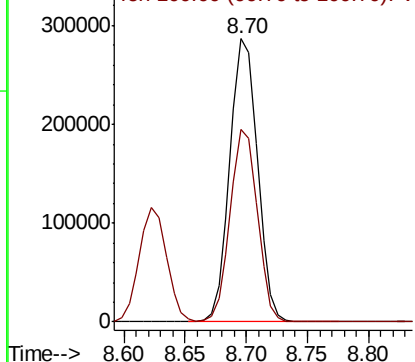


#50
 Toluene-d8
 Concen: 47.888 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Tgt Ion	98	Resp	449008
Ion	Ratio	Lower	Upper
98	100		
100	67.0	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: 221.122 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

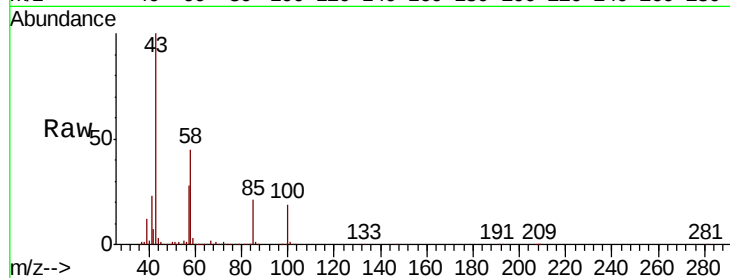
ClientSampleId :

Tot Ion: 43 Resp: 946105

Ion Ratio Lower Upper

43 100

58 44.3 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

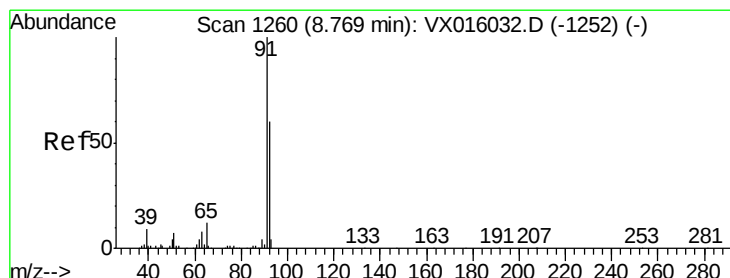
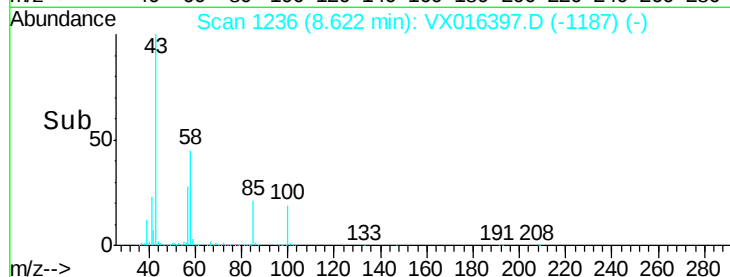
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 48.907 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016397.D

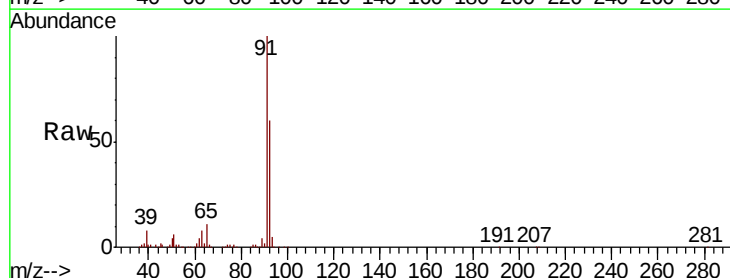
Acq: 21 May 2020 20:20

Tgt Ion: 92 Resp: 337241

Ion Ratio Lower Upper

92 100

91 167.8 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

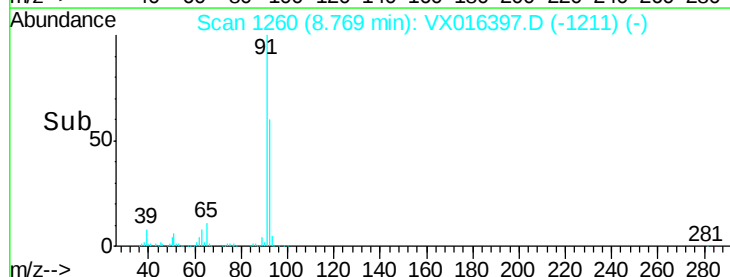
300000

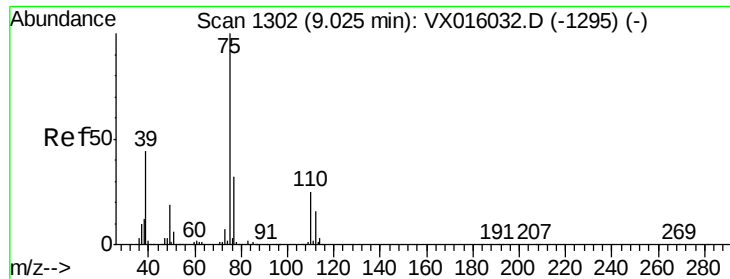
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 45.746 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

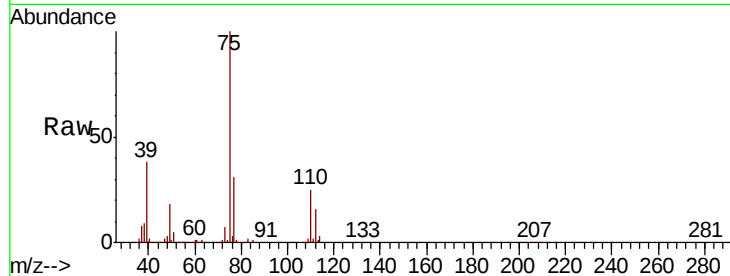
ClientSampleId :

Tot Ion: 75 Resp: 211316

Ion Ratio Lower Upper

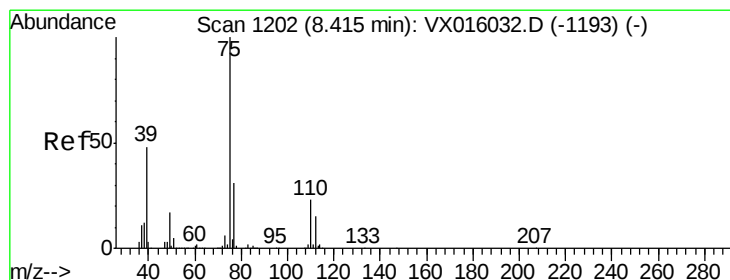
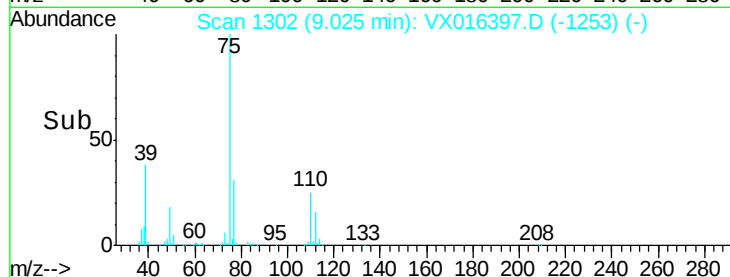
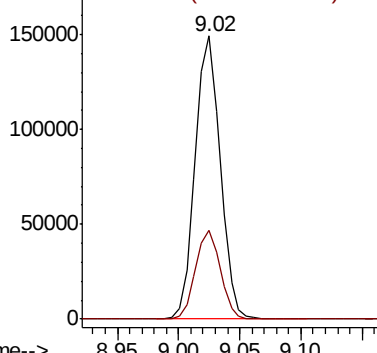
75 100

77 31.2 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 46.354 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

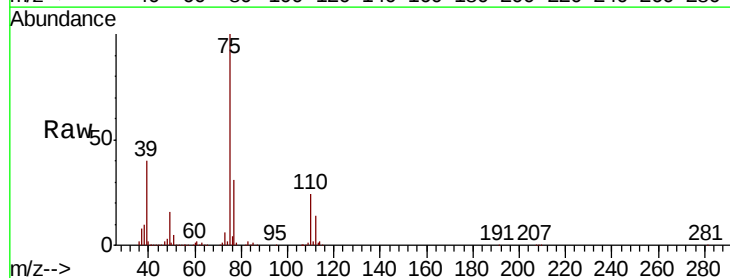
Tgt Ion: 75 Resp: 223658

Ion Ratio Lower Upper

75 100

77 31.2 24.7 37.1

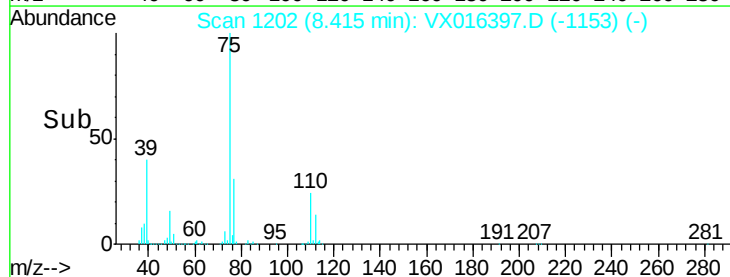
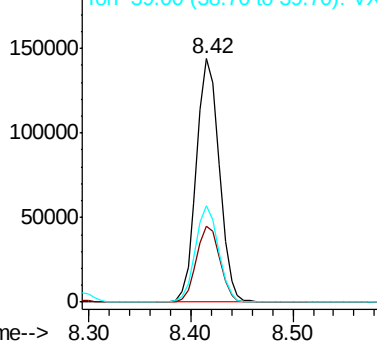
39 39.8 38.7 58.1

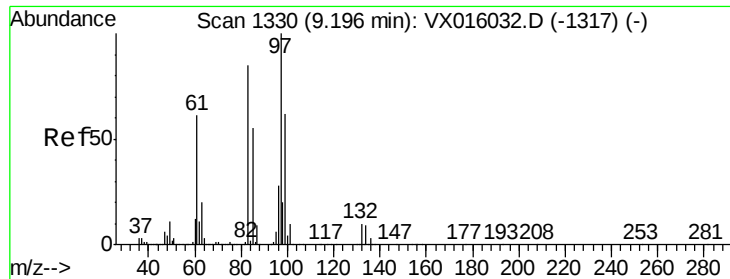


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

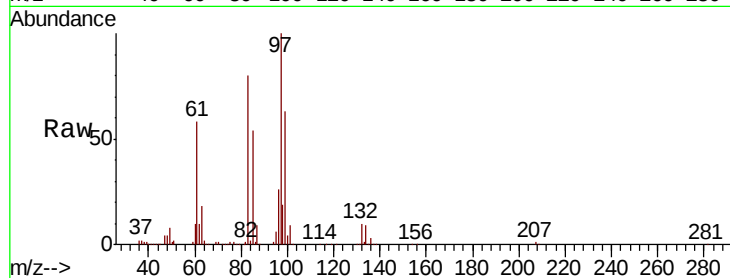




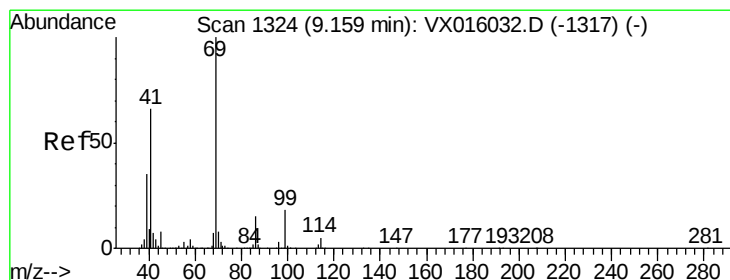
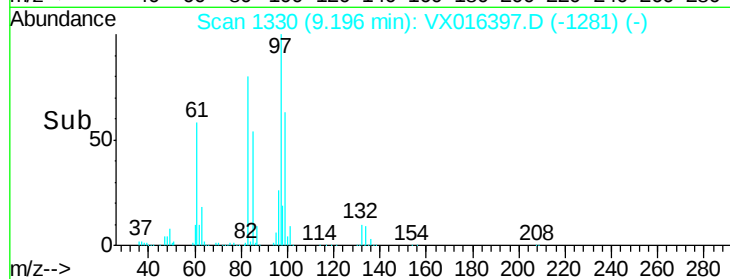
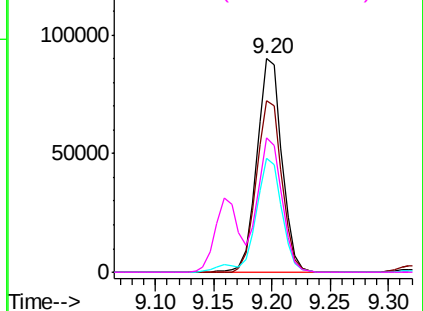
#55
 1,1,2-Trichloroethane
 Concen: 49.837 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	135207
Ion	Ratio	Lower	Upper
97	100		
83	80.2	67.8	101.8
85	53.6	43.8	65.8
99	62.8	49.4	74.0

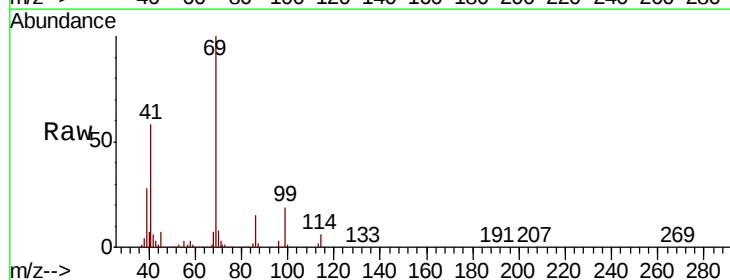


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

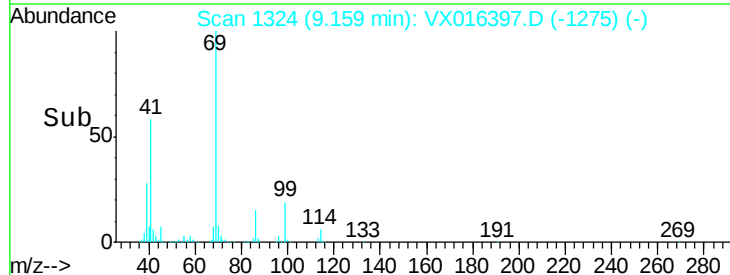
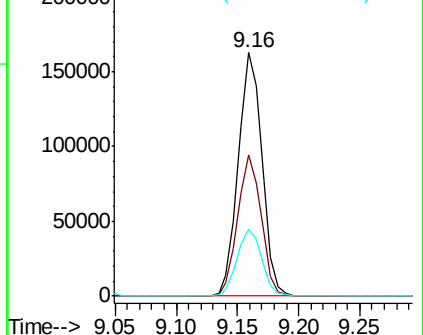


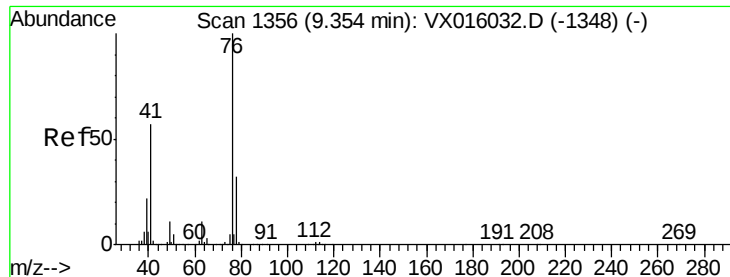
#56
 Ethyl methacrylate
 Concen: 49.250 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Tgt Ion:	69	Resp:	218099
Ion	Ratio	Lower	Upper
69	100		
41	57.2	52.2	78.4
39	28.6	28.2	42.4



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 47.827 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

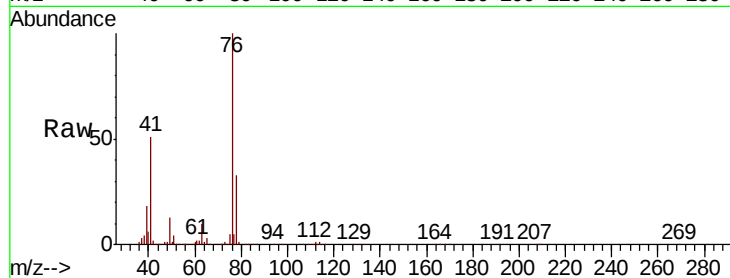
ClientSampleId :

Tot Ion: 76 Resp: 226407

Ion Ratio Lower Upper

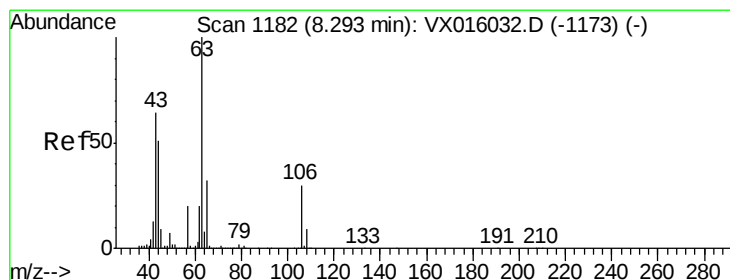
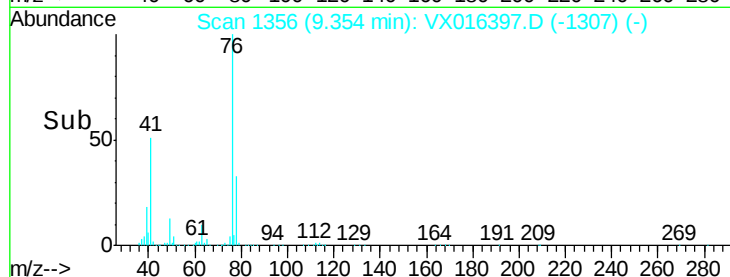
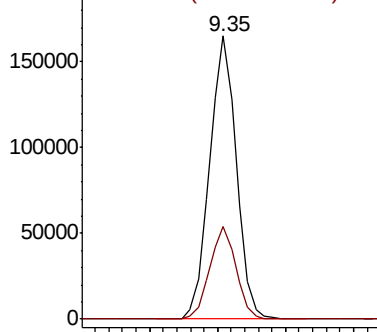
76 100

78 32.3 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 219.868 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016397.D

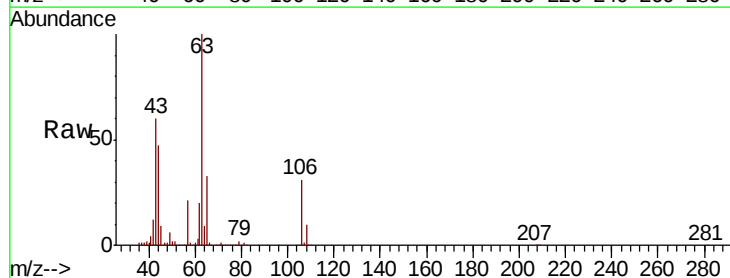
Acq: 21 May 2020 20:20

Tgt Ion: 63 Resp: 518359

Ion Ratio Lower Upper

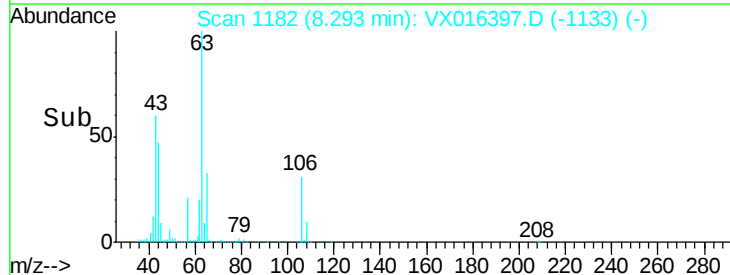
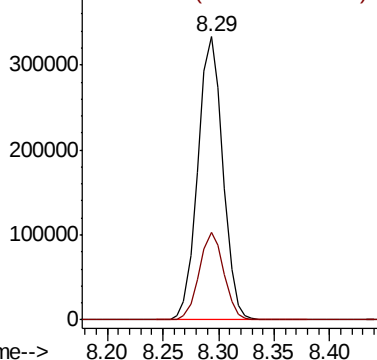
63 100

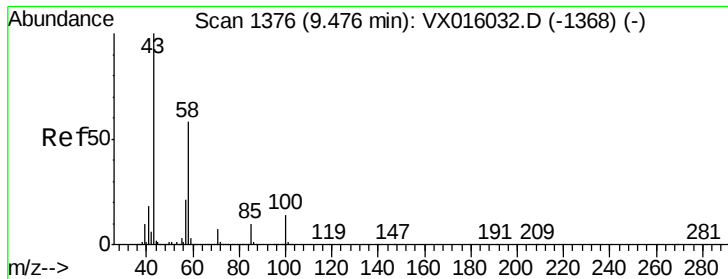
106 30.5 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

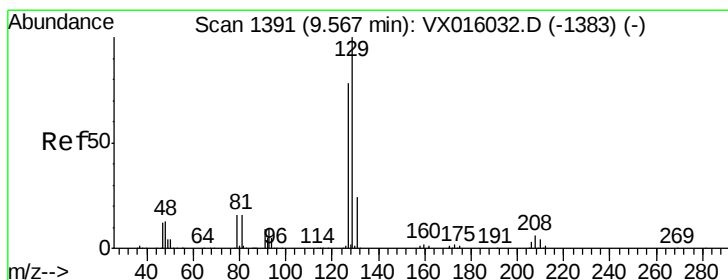
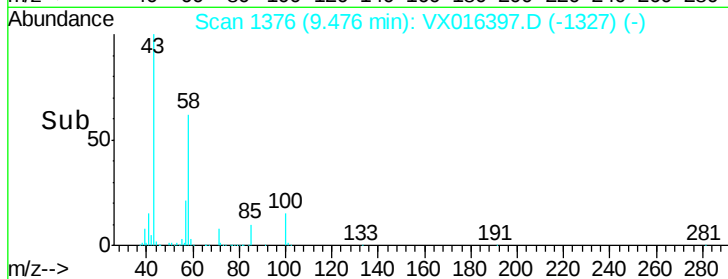
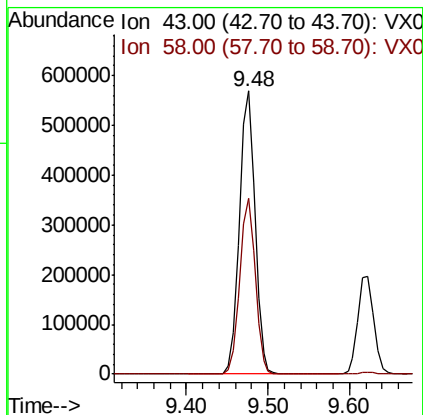
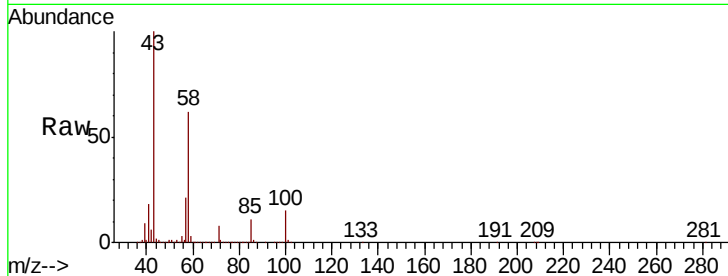




#59
2-Hexanone
Concen: 222.018 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

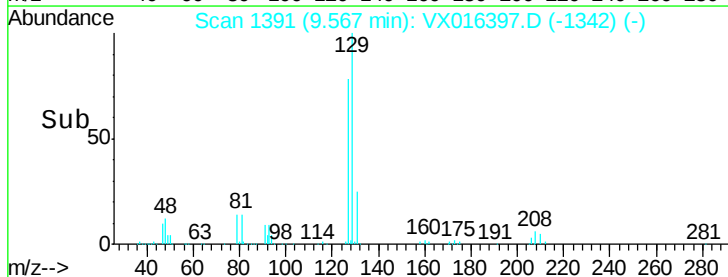
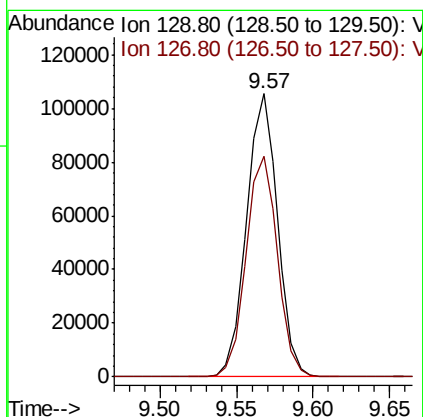
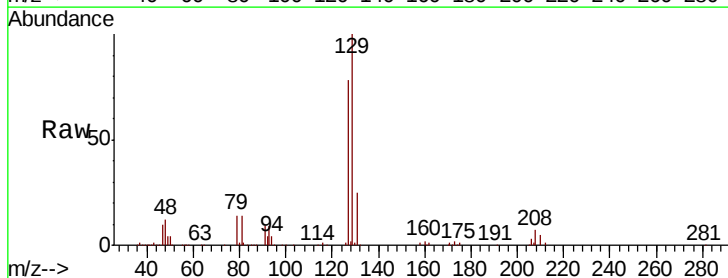
Instrument :
MSVOA_X
ClientSampleId :

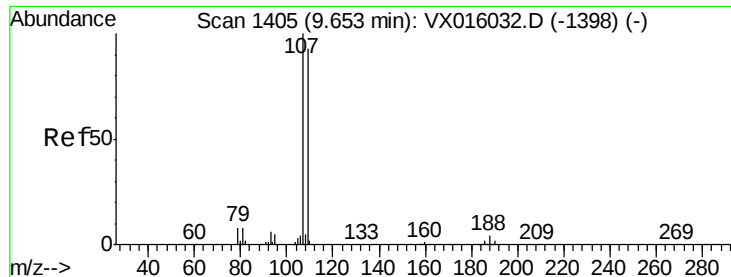
Tot Ion: 43 Resp: 746008
Ion Ratio Lower Upper
43 100
58 61.8 28.6 85.9



#60
Dibromochloromethane
Concen: 49.843 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion: 129 Resp: 148930
Ion Ratio Lower Upper
129 100
127 78.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 48.957 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

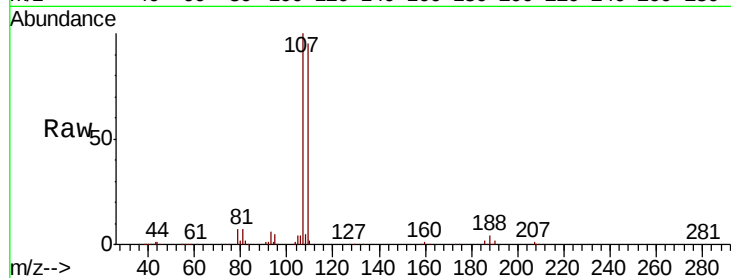
ClientSampleId :

Tot Ion:107 Resp: 143868

Ion Ratio Lower Upper

107 100

109 93.0 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

100000

80000

60000

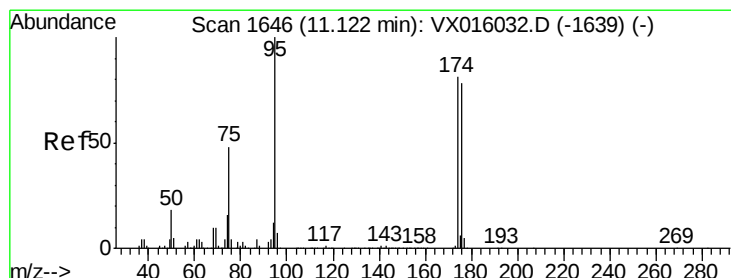
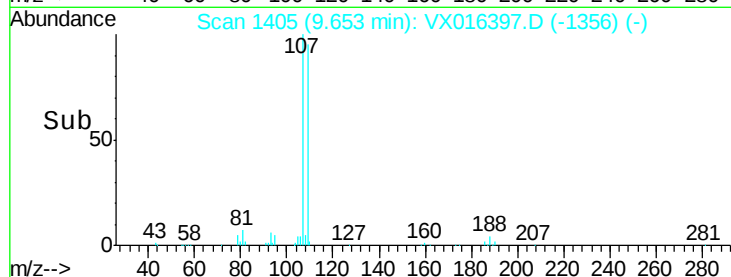
40000

20000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 49.798 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

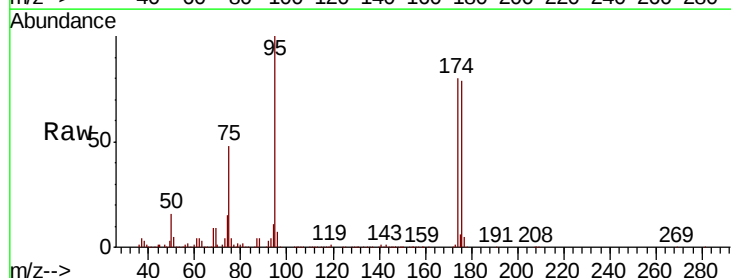
Tgt Ion: 95 Resp: 177593

Ion Ratio Lower Upper

95 100

174 80.2 0.0 159.4

176 79.1 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

11.12

150000

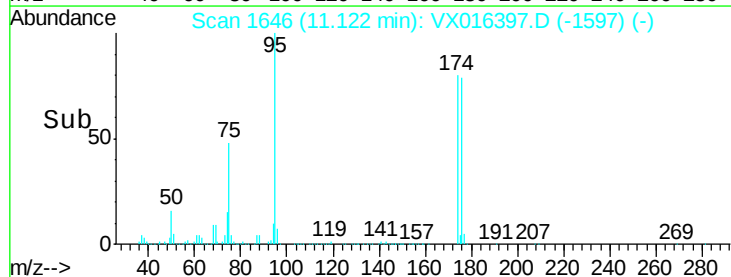
100000

50000

0

Time-->

11.05 11.10 11.15 11.20

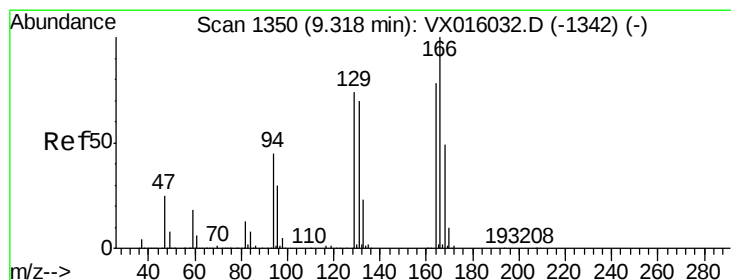
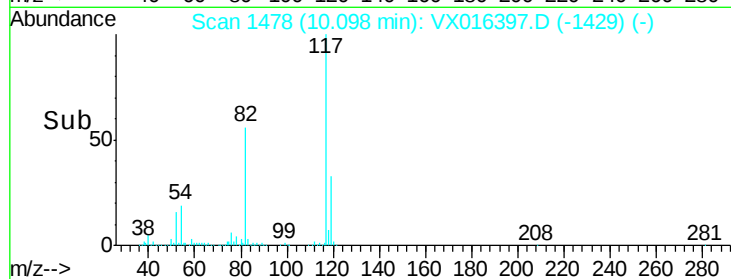
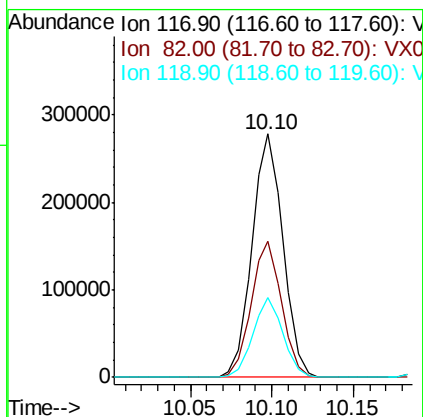
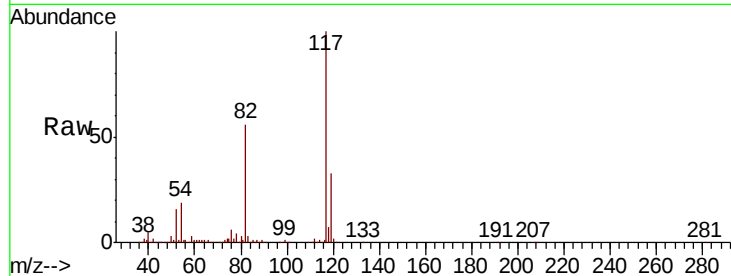




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

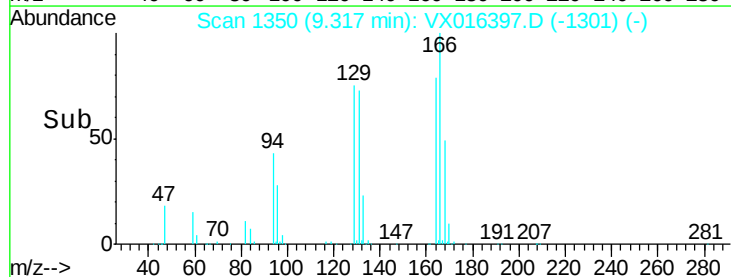
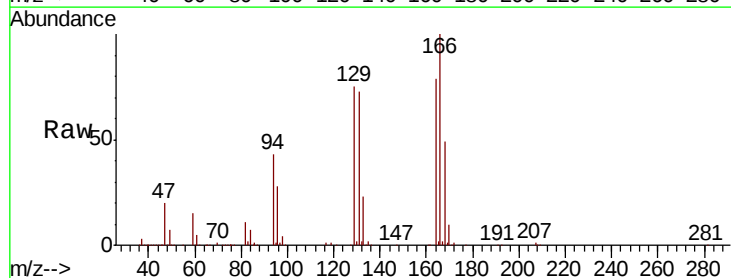
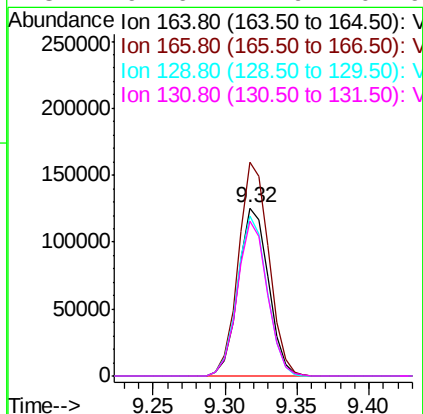
Instrument :
MSVOA_X
ClientSampleId :

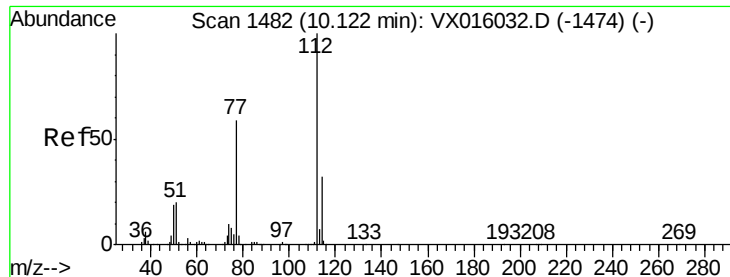
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.4	66.6
119	32.9	25.5	38.3



#64
Tetrachloroethene
Concen: 40.729 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	102.9	154.3
129	95.4	76.1	114.1
131	92.6	71.9	107.9

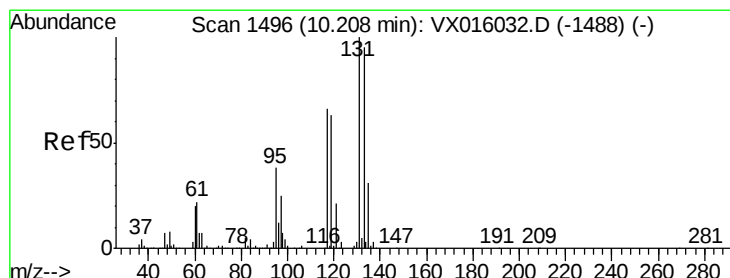
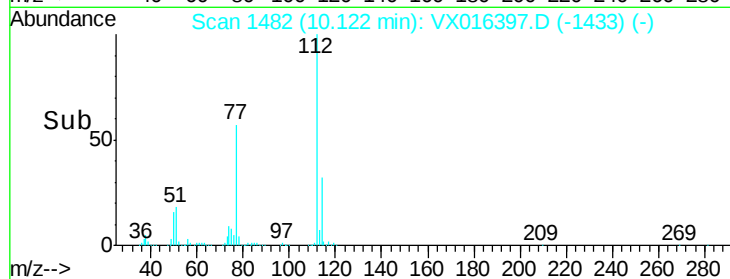
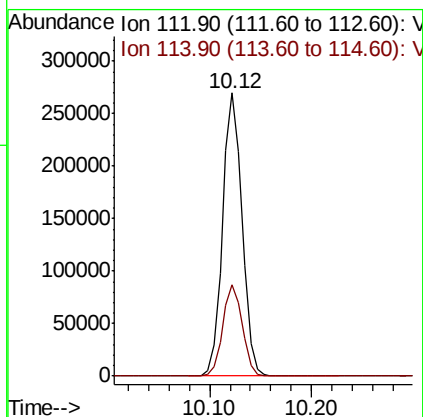
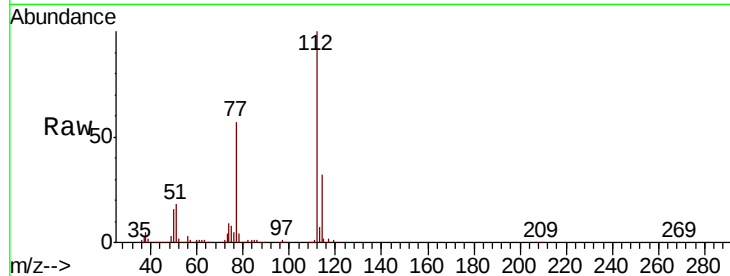




#65
Chlorobenzene
Concen: 46.743 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

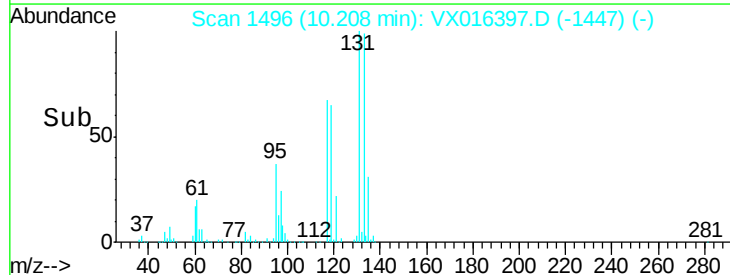
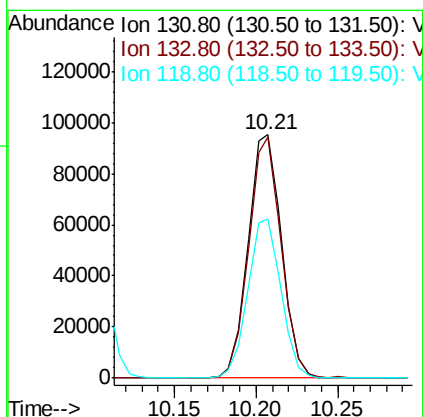
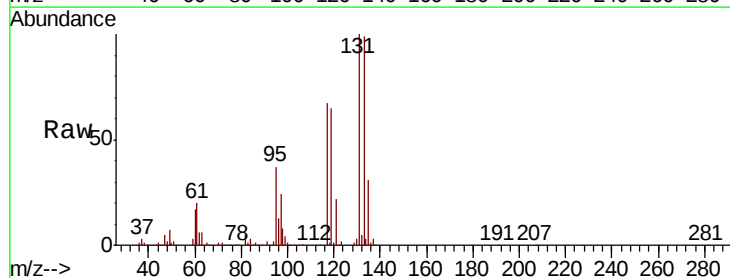
Instrument :
MSVOA_X
ClientSampleId :

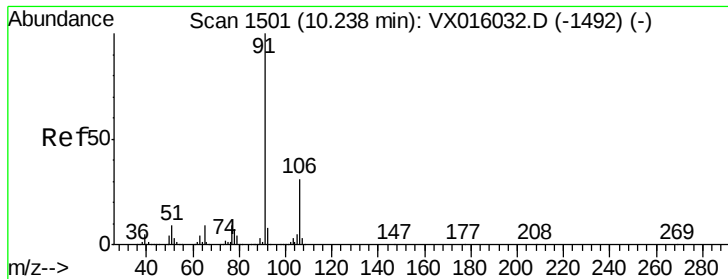
Tot Ion:112 Resp: 358539
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 47.881 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Tgt Ion:131 Resp: 135746
Ion Ratio Lower Upper
131 100
133 96.5 48.3 144.8
119 65.1 32.3 96.9





#67

Ethyl Benzene

Concen: 46.761 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

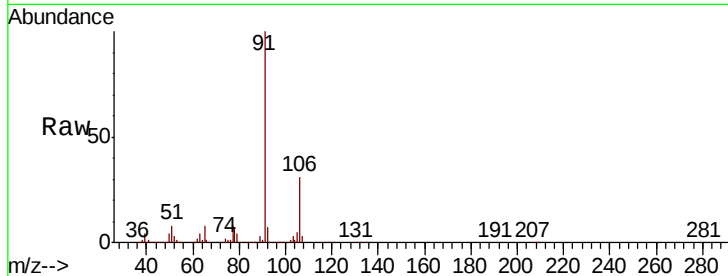
ClientSampled :

Tot Ion: 91 Resp: 639974

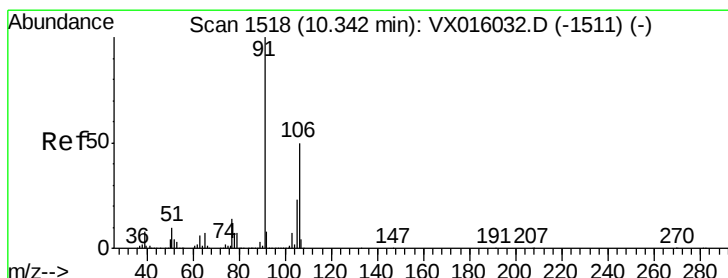
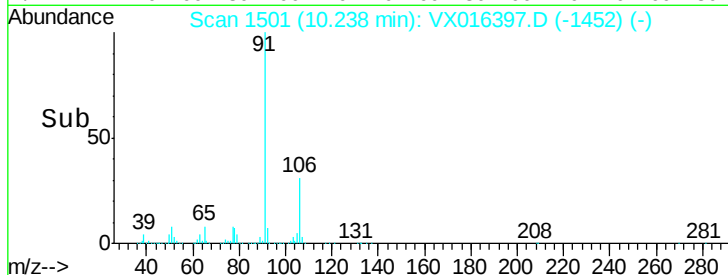
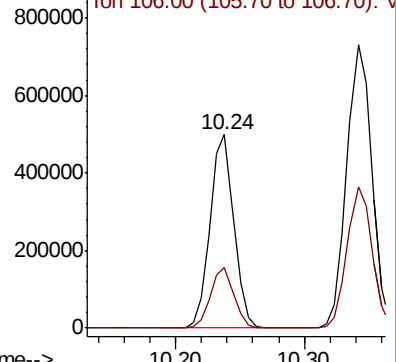
Ion Ratio Lower Upper

91 100

106 31.4 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1492) (-)



#68

m/p-Xylenes

Concen: 94.789 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016397.D

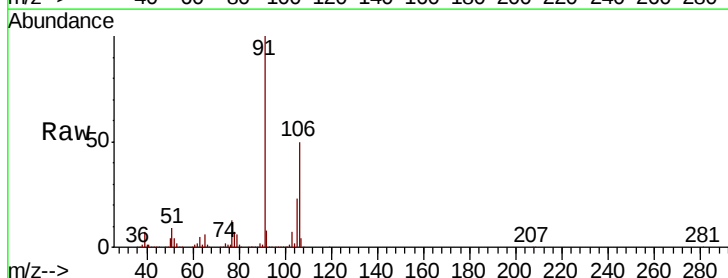
Acq: 21 May 2020 20:20

Tgt Ion: 106 Resp: 486046

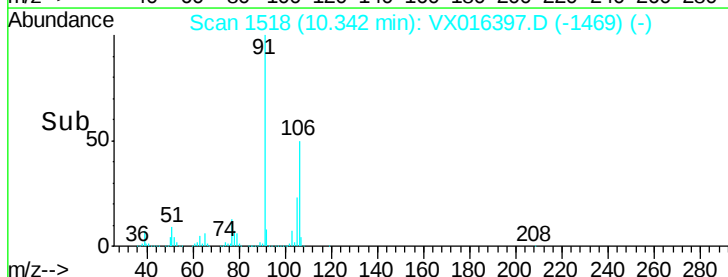
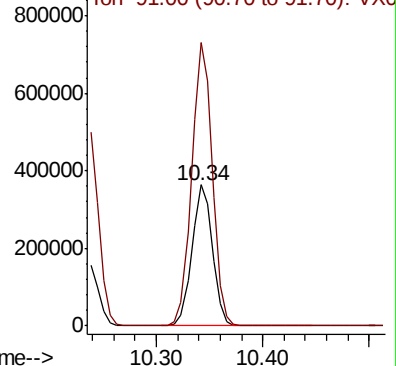
Ion Ratio Lower Upper

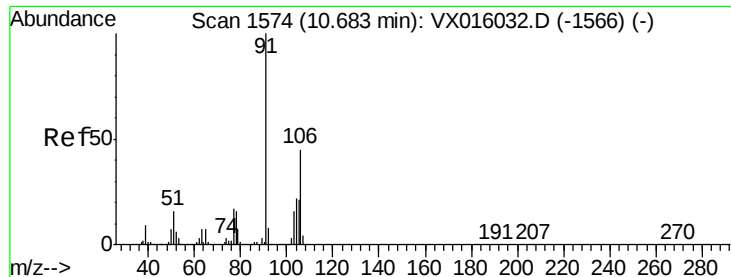
106 100

91 201.5 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): VX016032.D (-1511) (-)

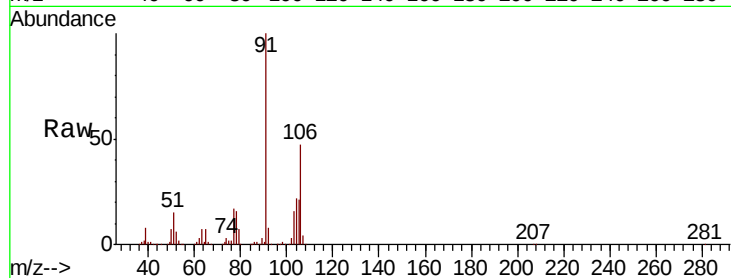




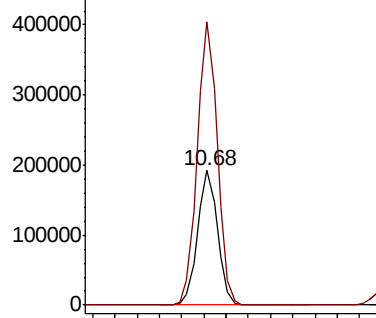
#69
o-Xylene
Concen: 48.194 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

Instrument :
MSVOA_X
ClientSampled :

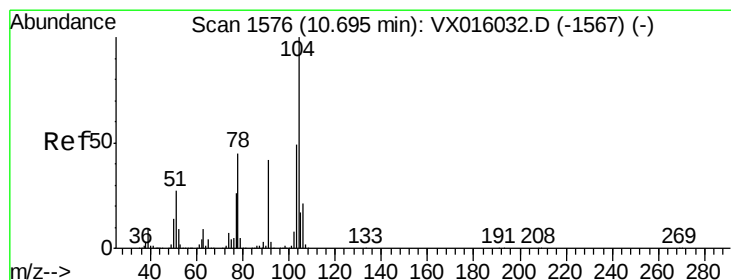
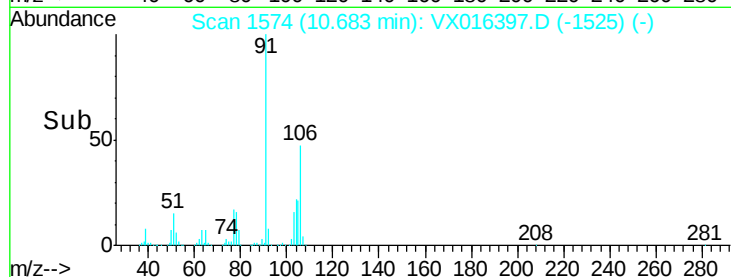
Tot Ion:106 Resp: 237545
Ion Ratio Lower Upper
106 100
91 212.3 107.5 322.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

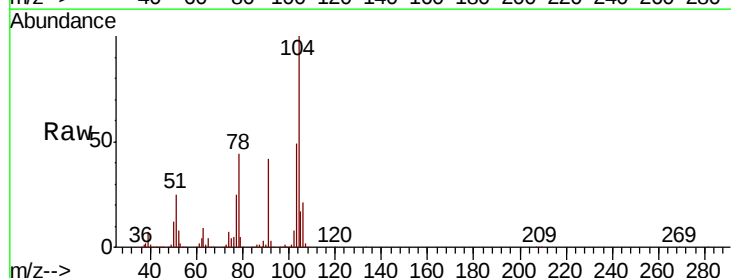


Time-->

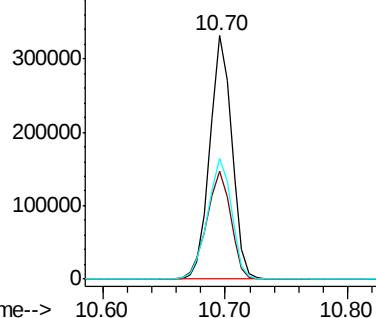


#70
Styrene
Concen: 49.325 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016397.D
Acq: 21 May 2020 20:20

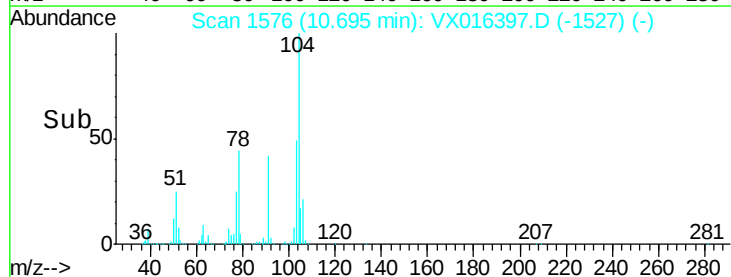
Tgt Ion:104 Resp: 412454
Ion Ratio Lower Upper
104 100
78 49.0 40.2 60.2
103 53.9 43.0 64.6

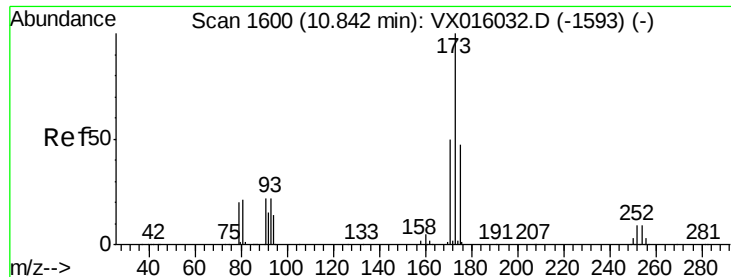


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 50.607 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

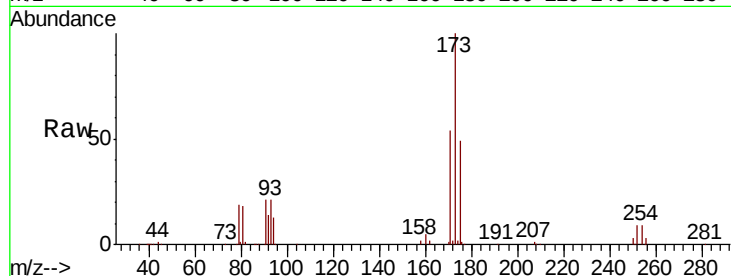
Tot Ion:173 Resp: 116893

Ion Ratio Lower Upper

173 100

175 48.2 24.0 72.0

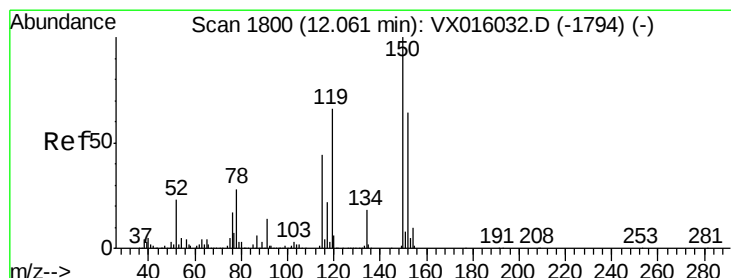
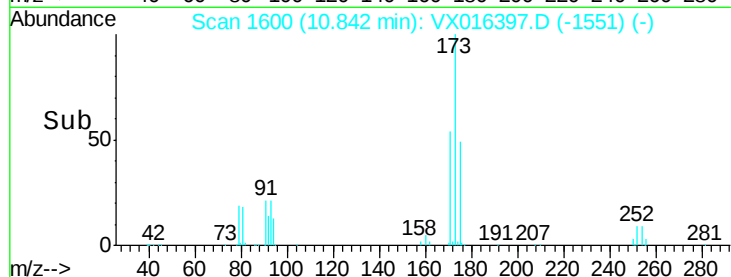
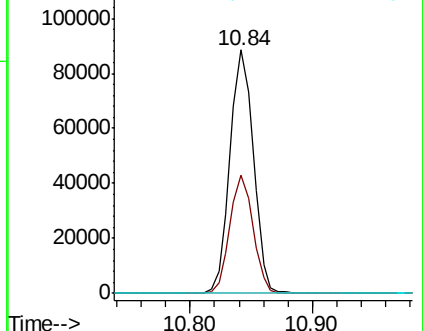
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

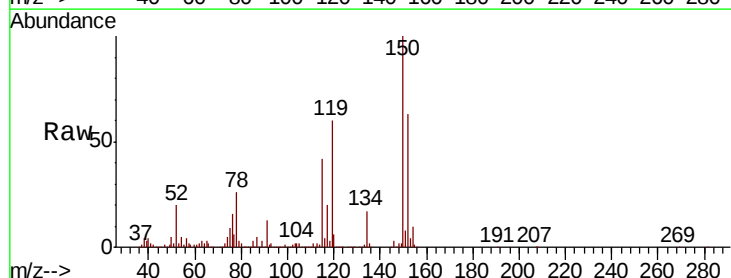
Tgt Ion:152 Resp: 187078

Ion Ratio Lower Upper

152 100

115 78.2 41.3 124.1

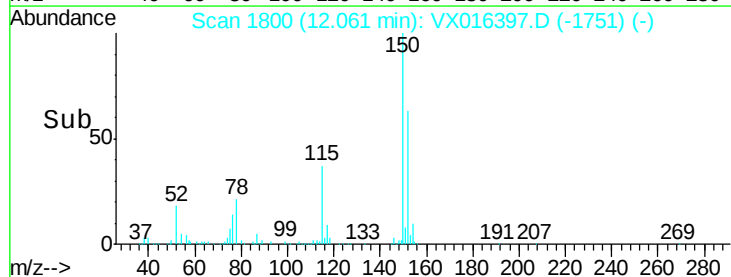
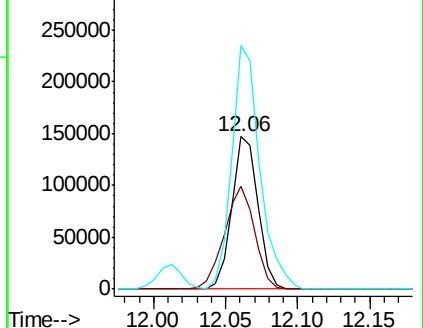
150 171.8 0.0 352.2

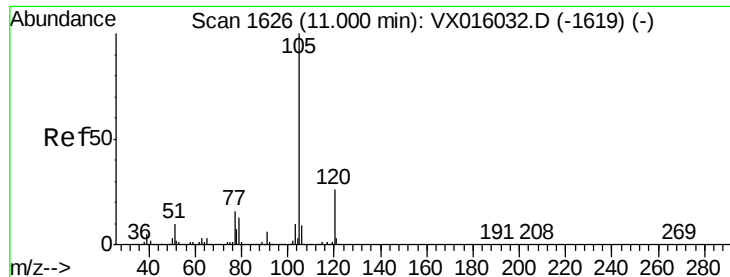


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.445 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

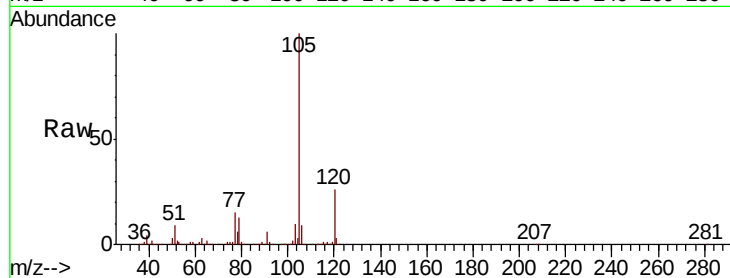
ClientSampled :

Tot Ion:105 Resp: 618364

Ion Ratio Lower Upper

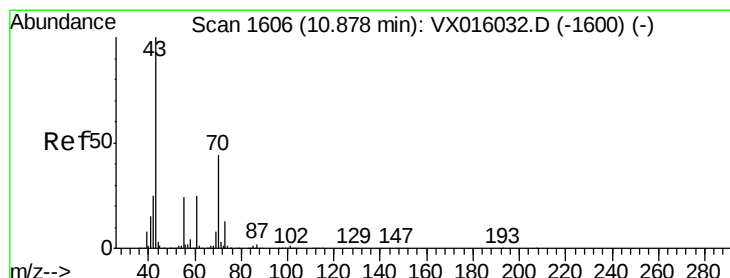
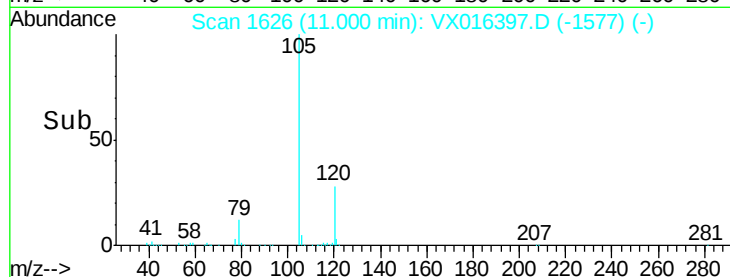
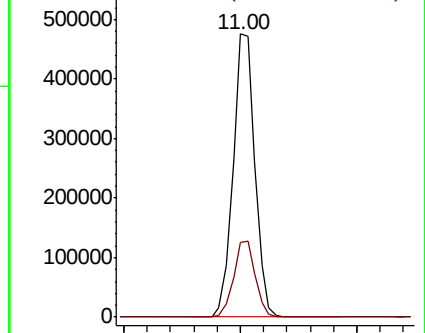
105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 40.906 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Tgt Ion: 43 Resp: 259625

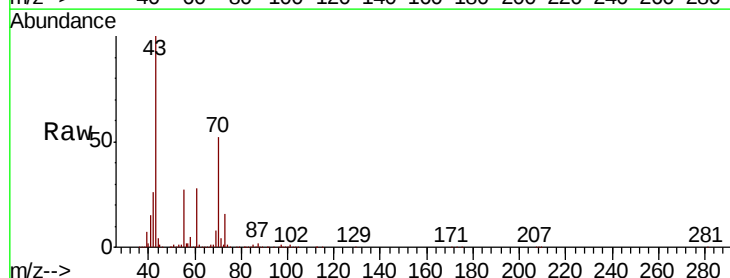
Ion Ratio Lower Upper

43 100

70 50.2 36.5 54.7

55 26.6 19.7 29.5

61 28.1 20.9 31.3

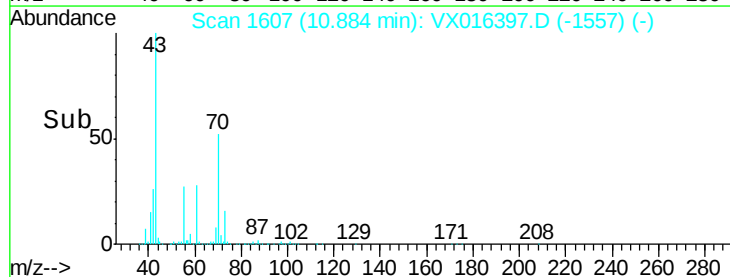
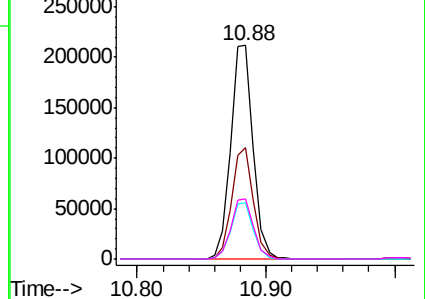


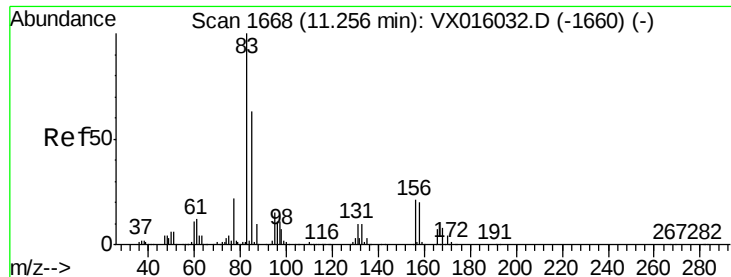
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 59.877 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

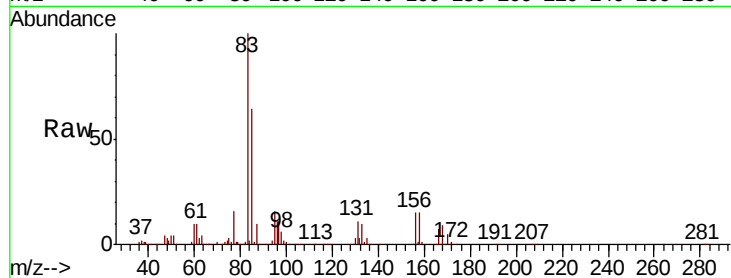
Tot Ion: 83 Resp: 164061

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

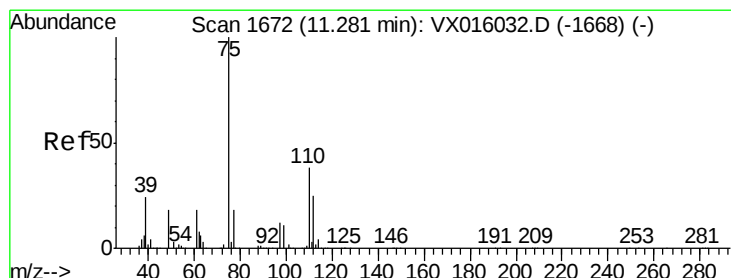
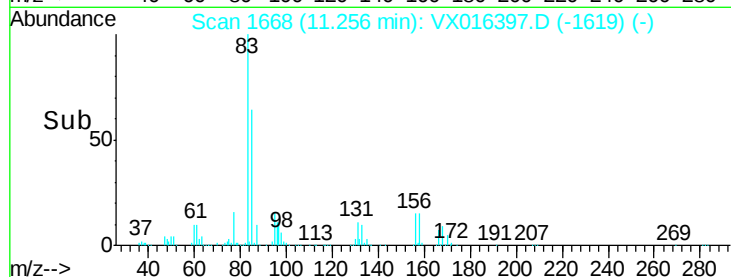
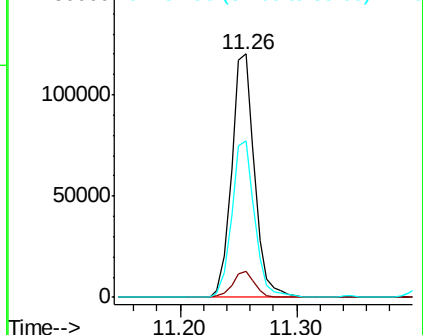
85 64.2 32.0 96.0



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: 59.713 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016397.D

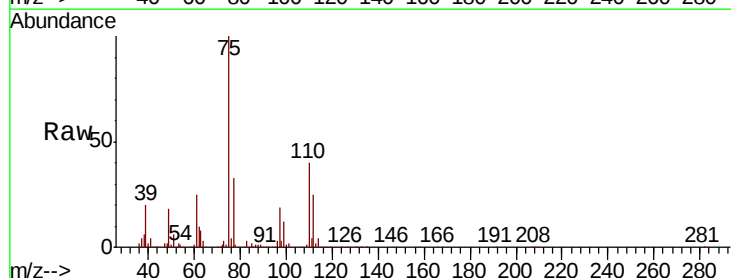
Acq: 21 May 2020 20:20

Tgt Ion: 75 Resp: 253498

Ion Ratio Lower Upper

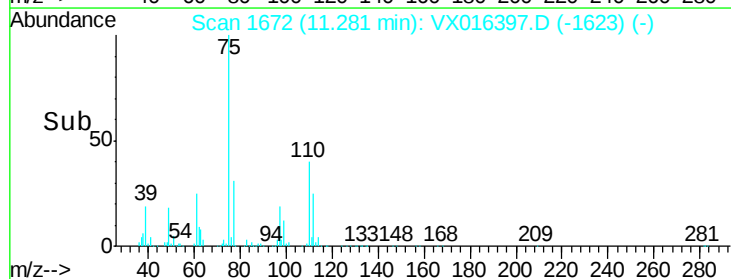
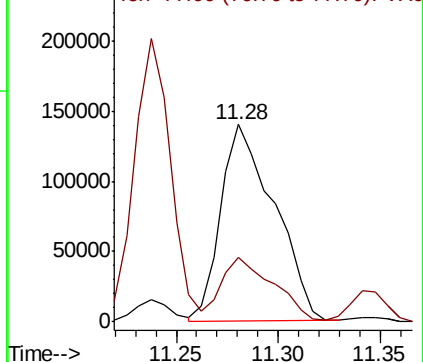
75 100

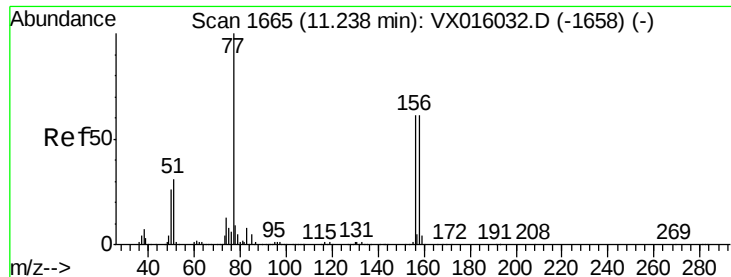
77 32.3 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.549 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

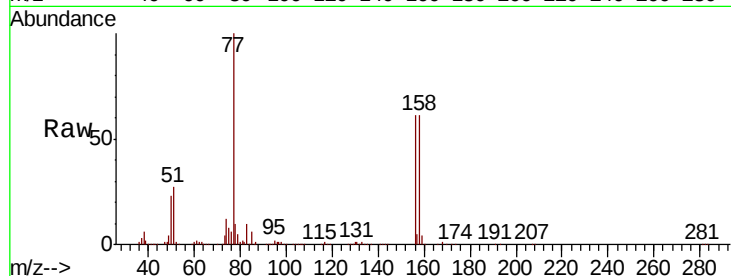
Tot Ion:156 Resp: 159978

Ion Ratio Lower Upper

156 100

77 156.1 80.1 240.3

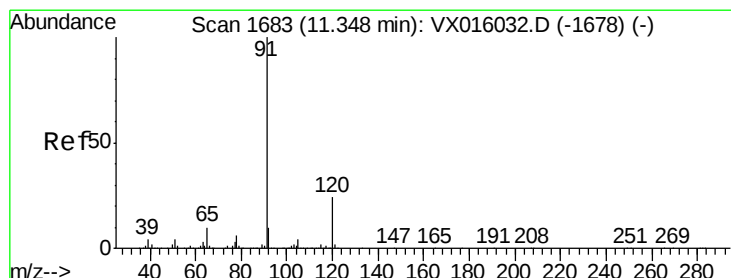
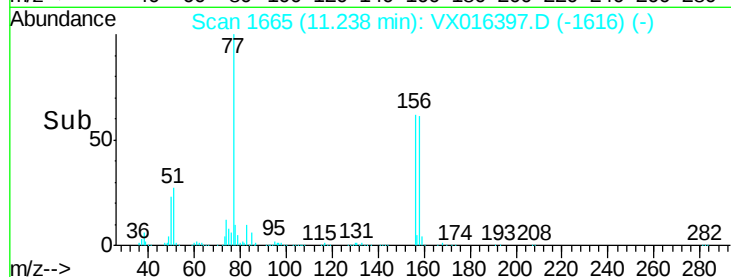
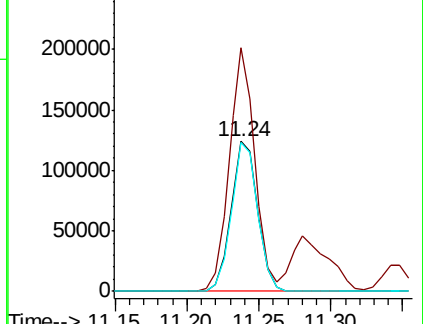
158 97.8 49.4 148.2



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: 43.915 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016397.D

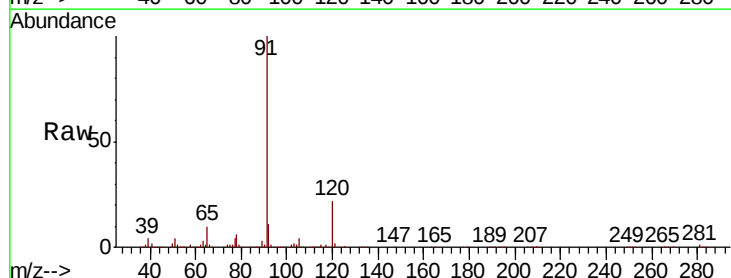
Acq: 21 May 2020 20:20

Tgt Ion: 91 Resp: 695153

Ion Ratio Lower Upper

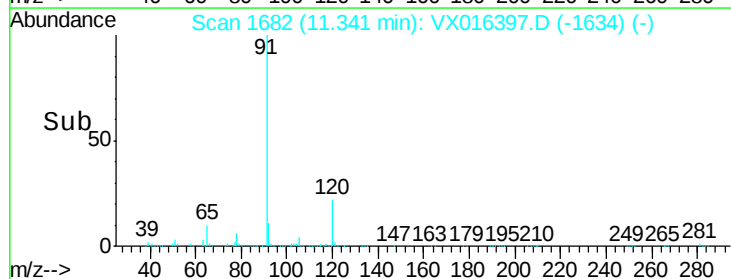
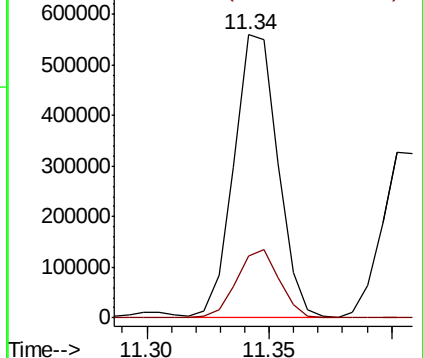
91 100

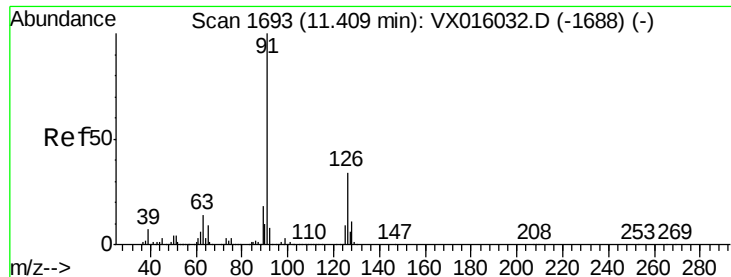
120 23.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.625 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

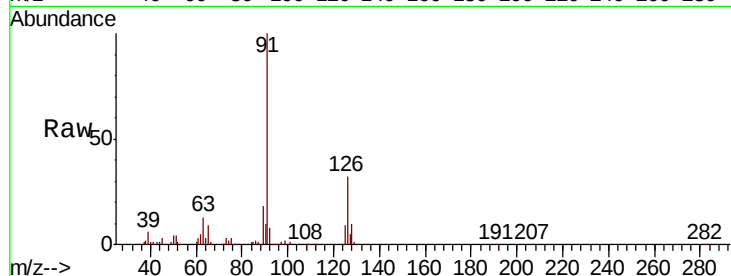
ClientSampleId :

Tot Ion: 91 Resp: 426312

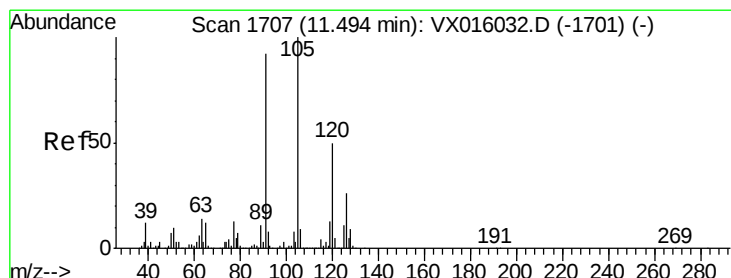
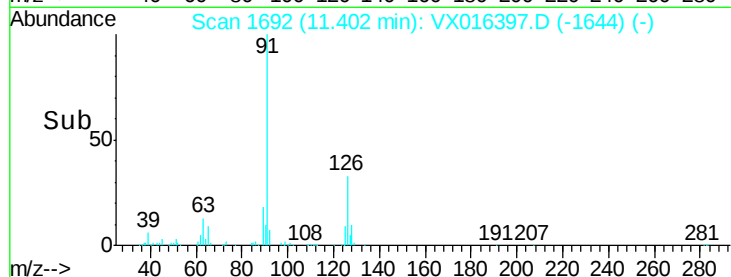
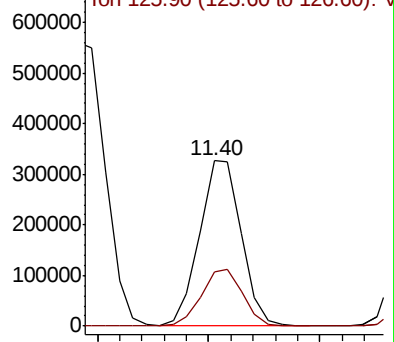
Ion Ratio Lower Upper

91 100

126 33.8 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.522 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016397.D

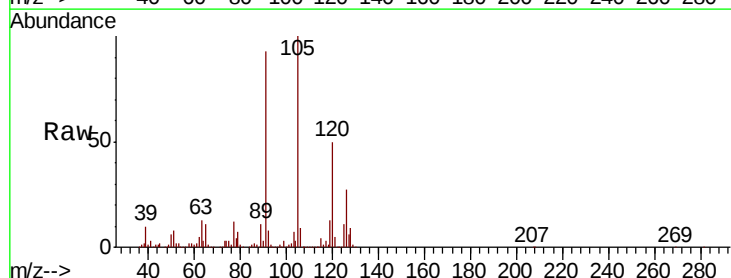
Acq: 21 May 2020 20:20

Tgt Ion: 105 Resp: 522996

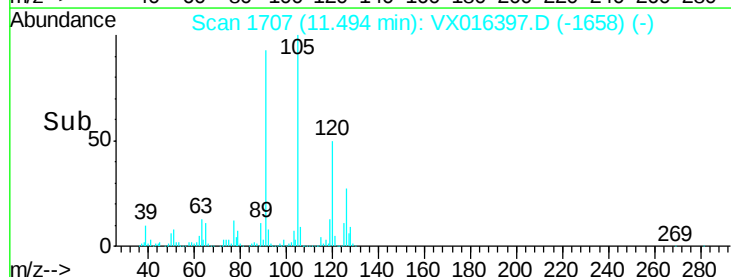
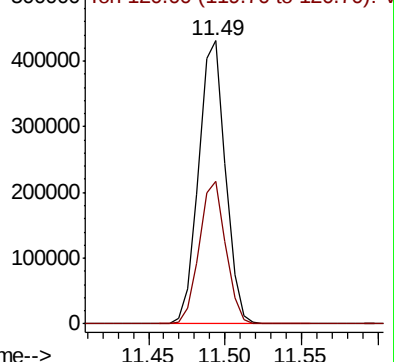
Ion Ratio Lower Upper

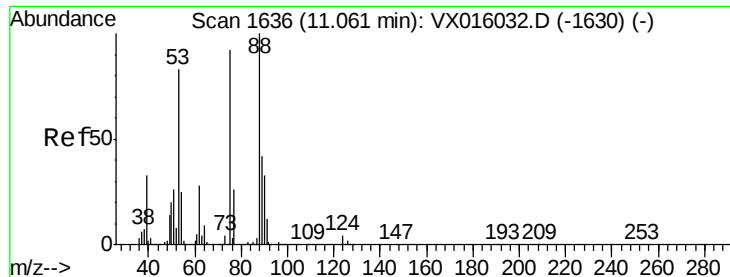
105 100

120 49.6 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016032.D (-1701) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 43.562 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

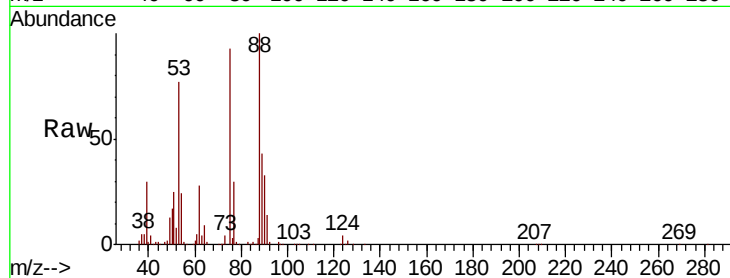
Tot Ion: 75 Resp: 77601

Ion Ratio Lower Upper

75 100

53 82.9 73.1 109.7

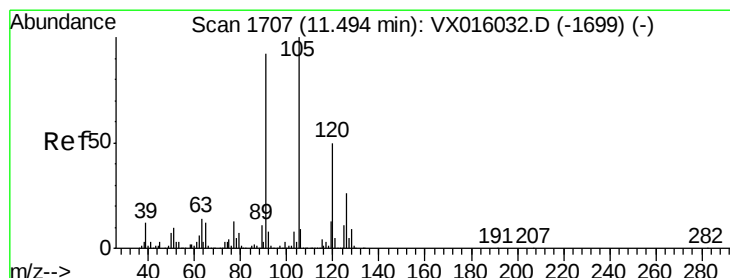
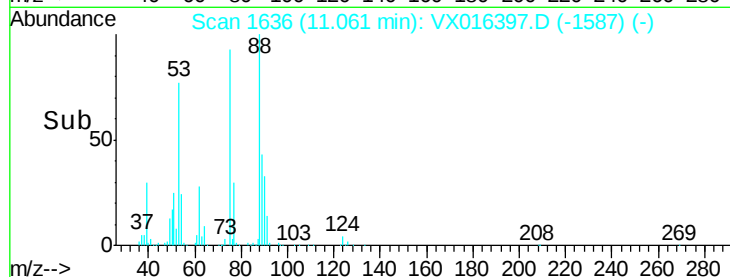
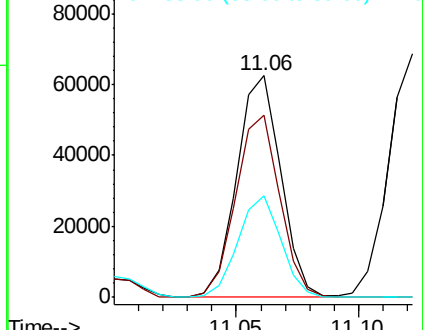
89 45.3 36.7 55.1



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: 45.111 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016397.D

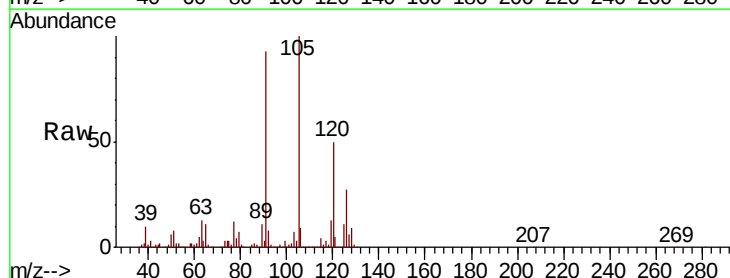
Acq: 21 May 2020 20:20

Tgt Ion: 91 Resp: 497748

Ion Ratio Lower Upper

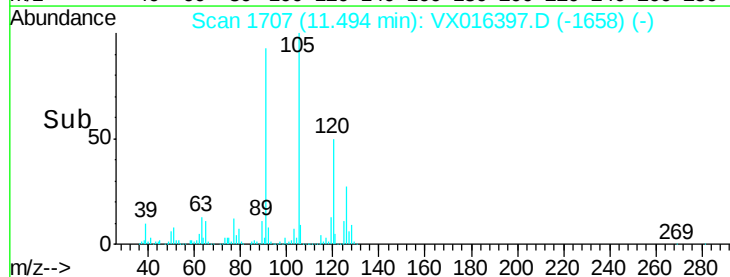
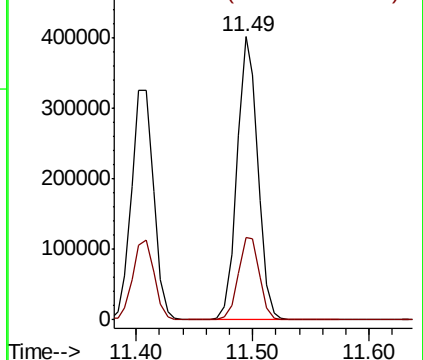
91 100

126 29.9 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

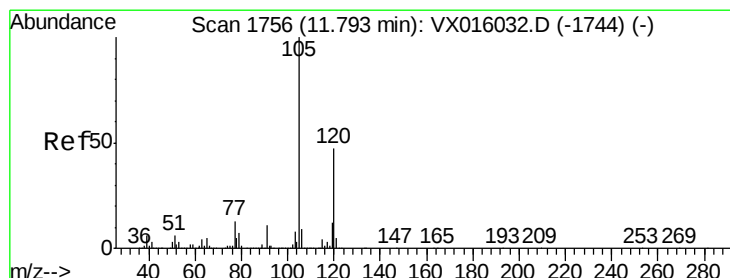
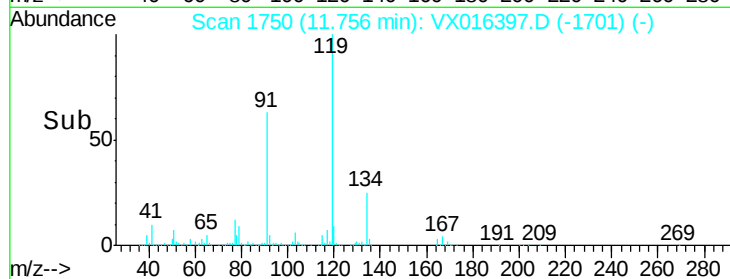
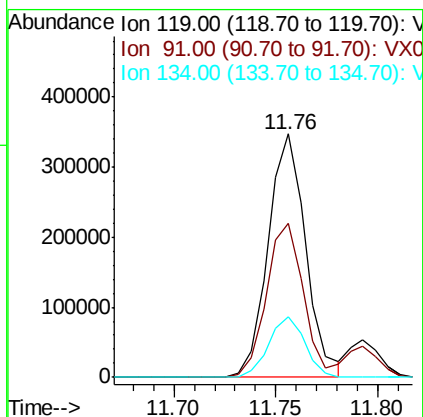
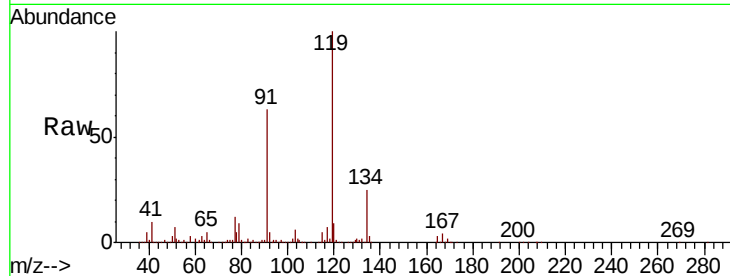




#83
 tert-Butylbenzene
 Concen: 44.933 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

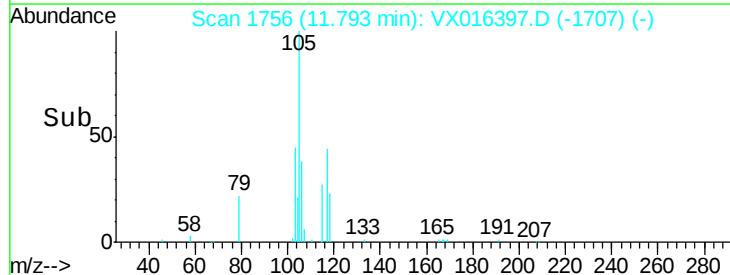
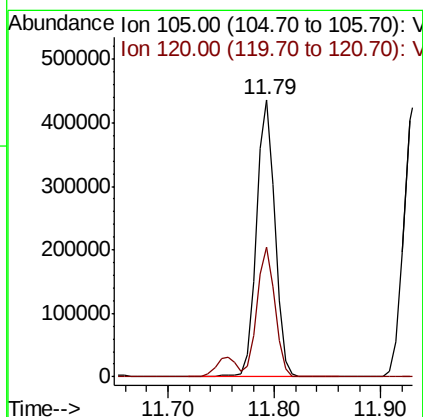
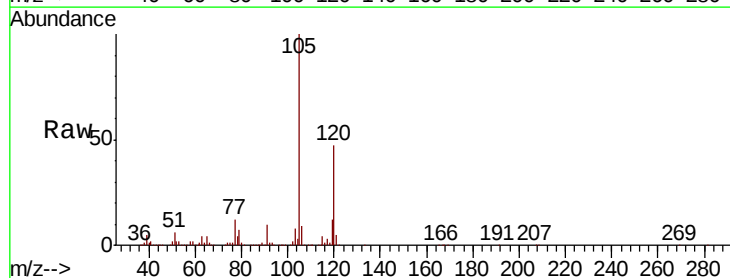
Instrument :
 MSVOA_X
 ClientSampleId :

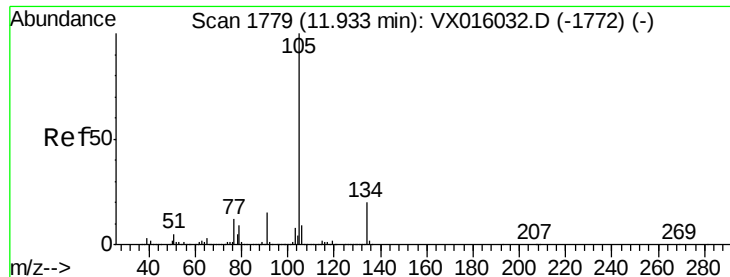
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.0	32.8	98.4
134	24.2	12.4	37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 45.686 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.0	69.0





#85

sec-Butylbenzene

Concen: 40.722 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

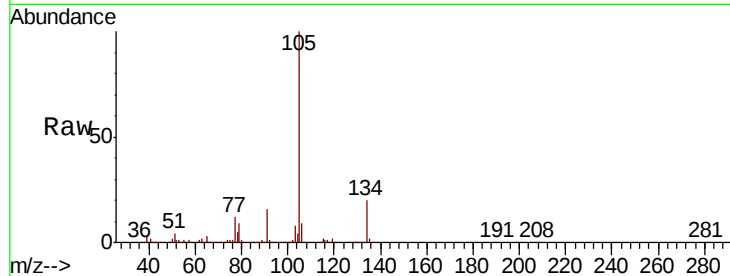
ClientSampleId :

Tot Ion:105 Resp: 544381

Ion Ratio Lower Upper

105 100

134 20.5 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

400000

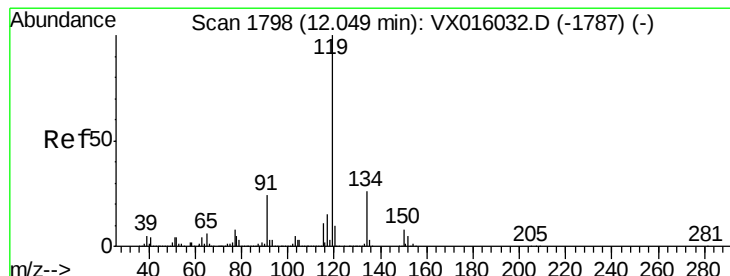
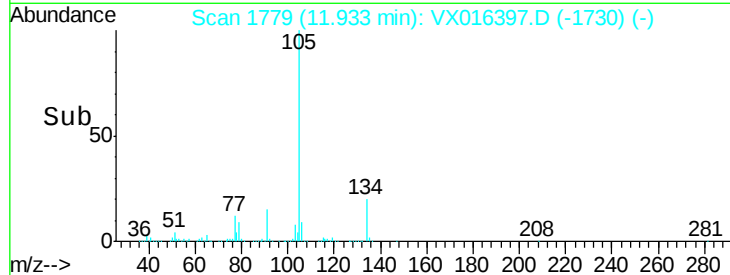
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 41.654 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

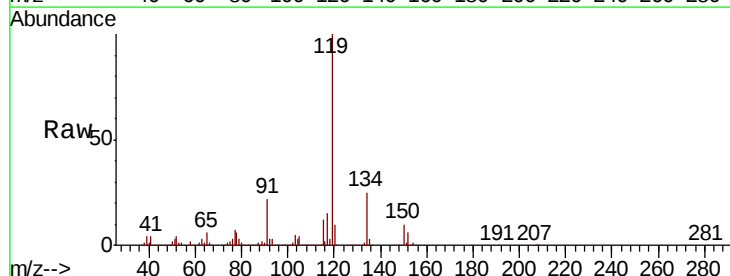
Tgt Ion:119 Resp: 516989

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

91 22.9 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): V

12.05

600000

500000

400000

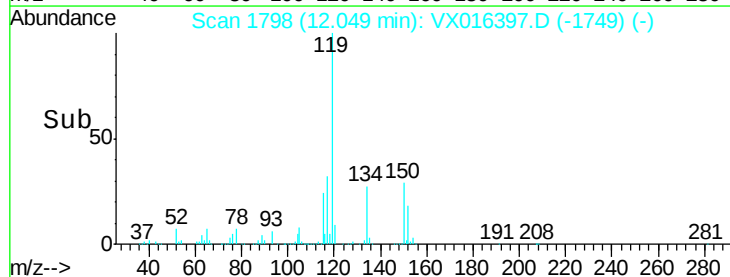
300000

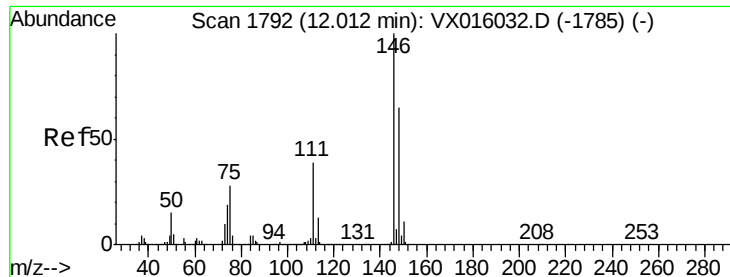
200000

100000

0

Time-->

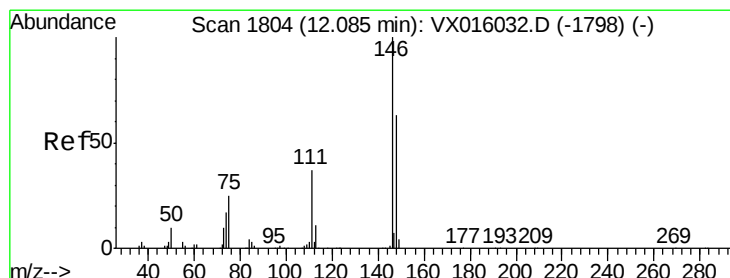
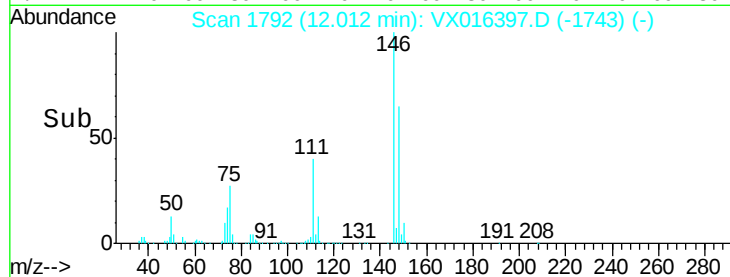
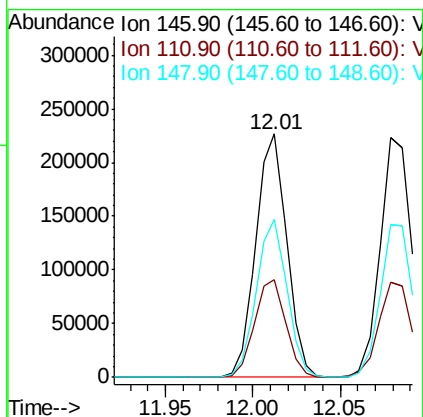
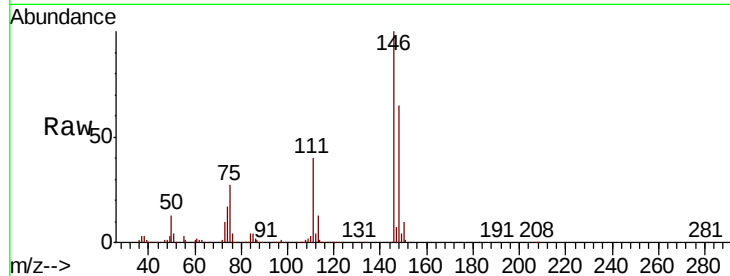




#87
 1,3-Dichlorobenzene
 Concen: 44.344 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

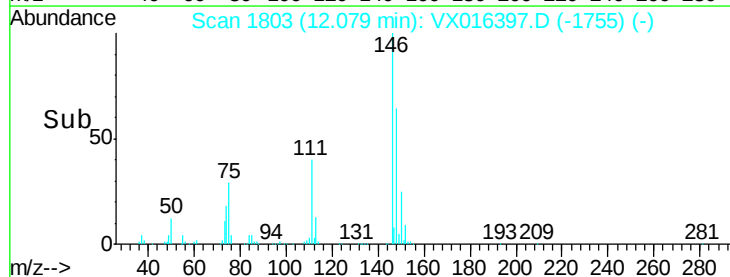
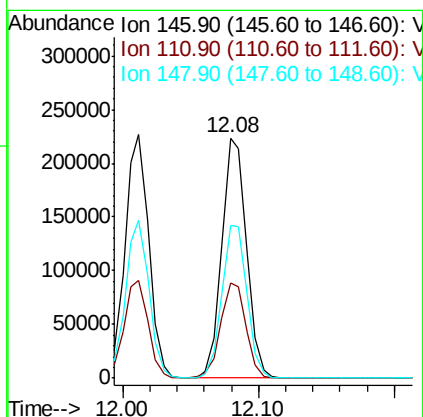
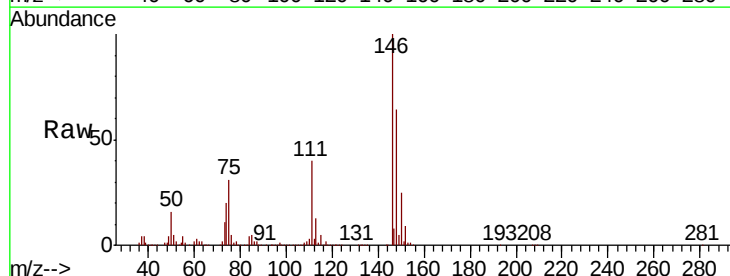
Instrument :
 MSVOA_X
 ClientSampleId :

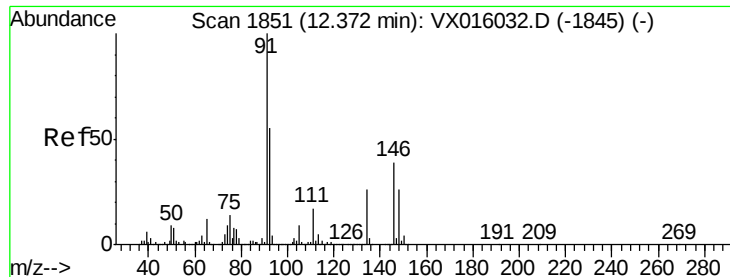
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.2	60.6
148	64.3	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 43.889 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.6	58.7
148	64.5	31.8	95.3





#89

n-Butylbenzene

Concen: 37.453 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

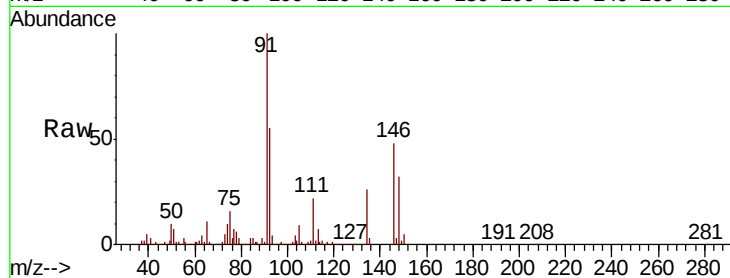
Tot Ion: 91 Resp: 424670

Ion Ratio Lower Upper

91 100

92 54.7 27.6 82.7

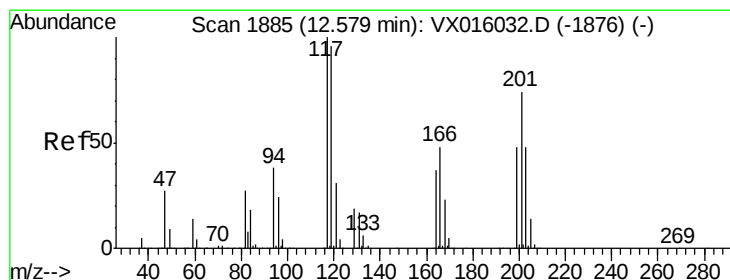
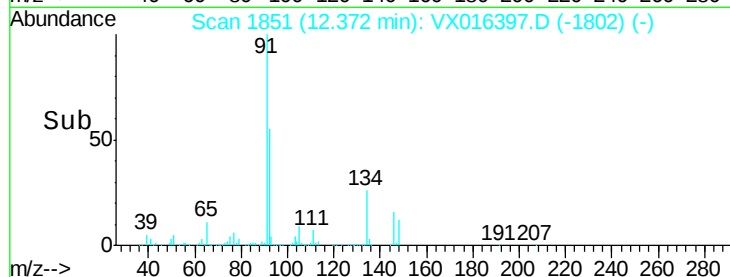
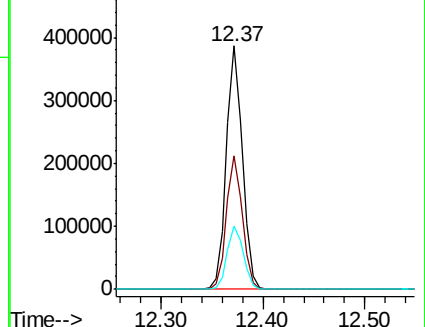
134 26.6 13.4 40.1



Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1845) (-)

Ion 92.00 (91.70 to 92.70): VX016032.D (-1845) (-)

Ion 134.00 (133.70 to 134.70): VX016032.D (-1845) (-)



#90

Hexachloroethane

Concen: 41.758 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016397.D

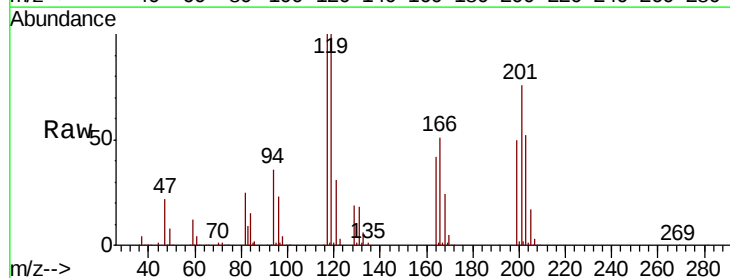
Acq: 21 May 2020 20:20

Tgt Ion: 117 Resp: 89011

Ion Ratio Lower Upper

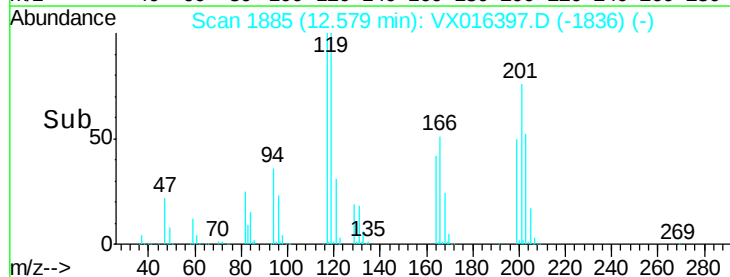
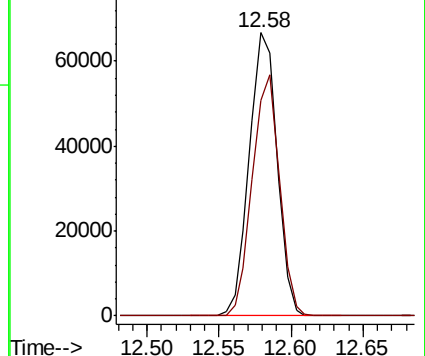
117 100

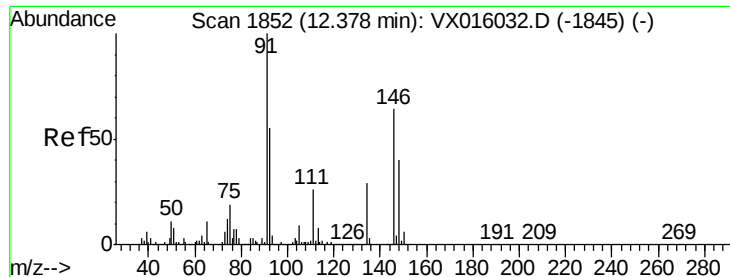
201 83.0 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): VX016032.D (-1876) (-)

Ion 200.70 (200.40 to 201.40): VX016032.D (-1876) (-)





#91

1,2-Dichlorobenzene

Concen: 44.664 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016397.D

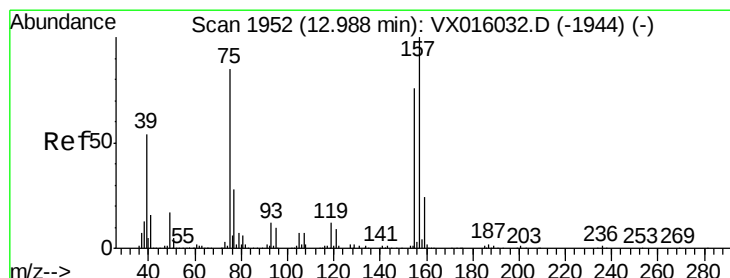
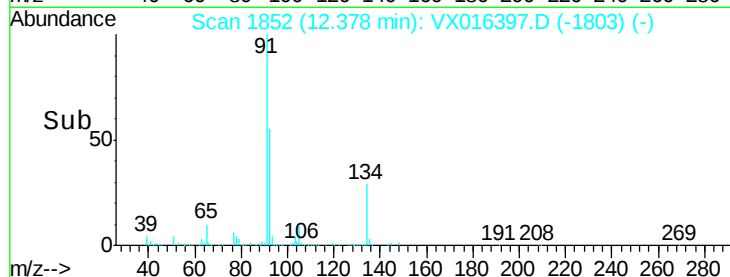
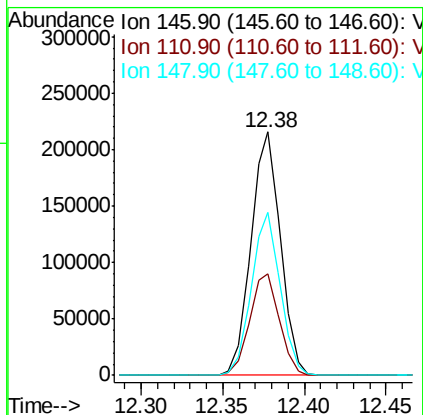
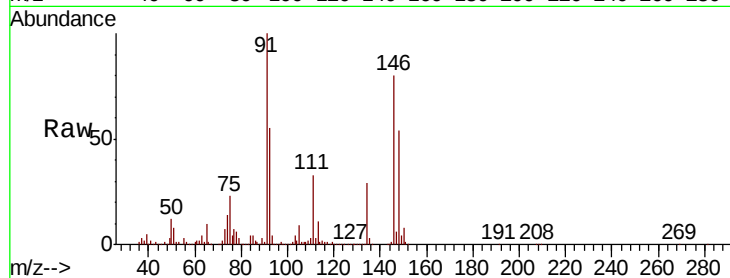
Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	146	Resp:	271213
Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.1	63.1
148	65.4	32.4	97.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.660 ug/l

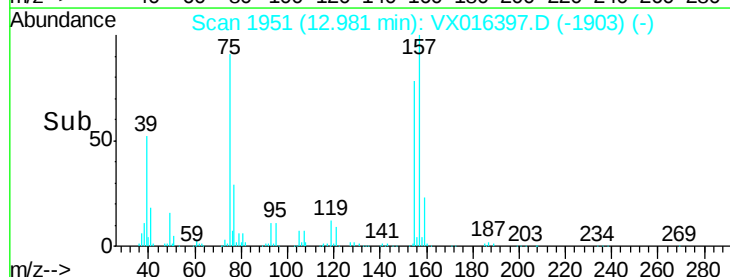
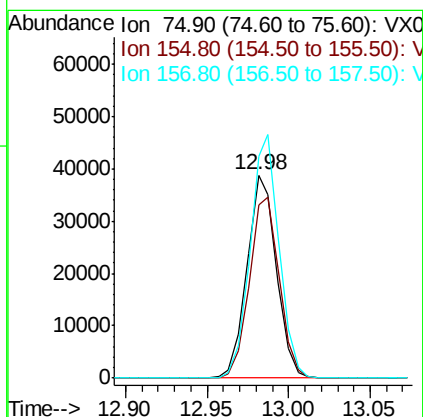
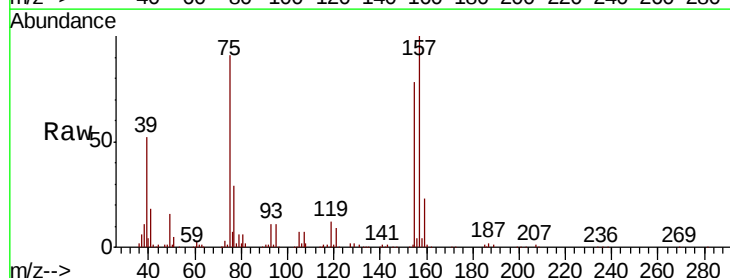
RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Tgt Ion:	75	Resp:	48849
Ion	Ratio	Lower	Upper
75	100		
155	90.7	42.5	127.5
157	117.4	55.3	165.8

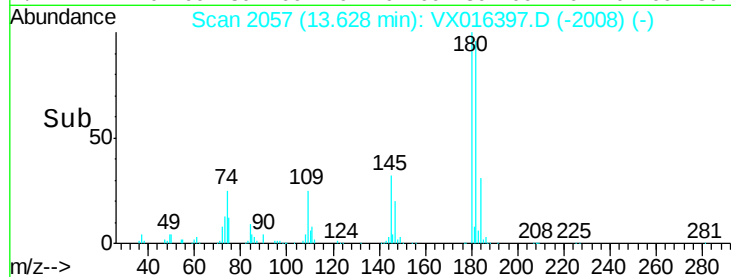
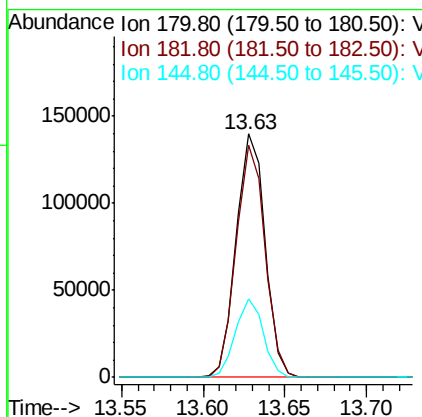
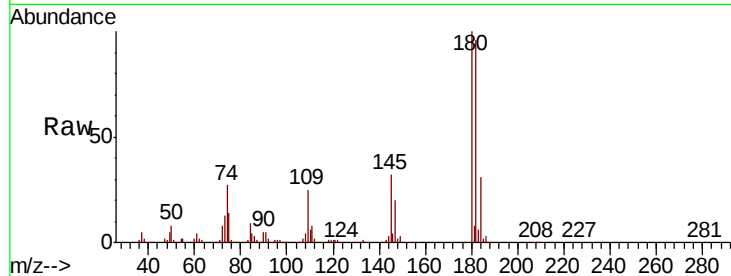




#93
 1,2,4-Trichlorobenzene
 Concen: 38.450 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

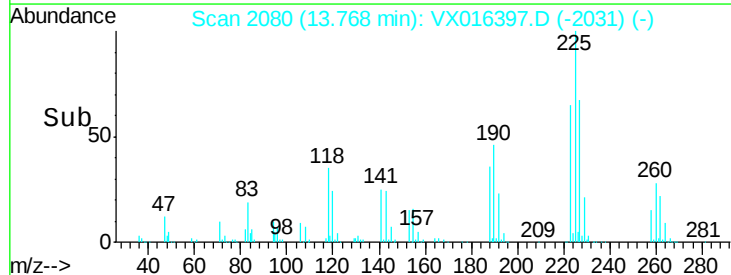
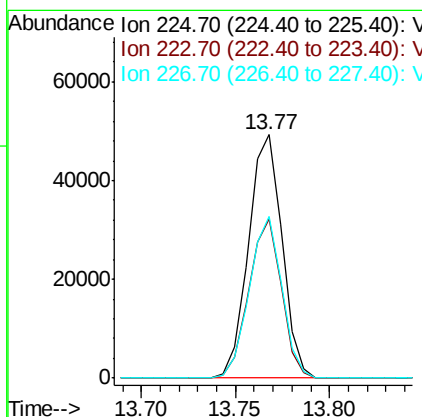
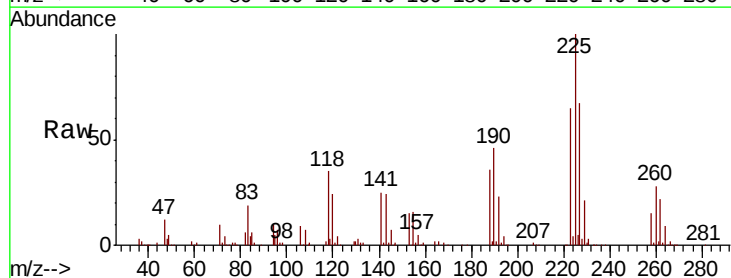
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.7	146.1
145	31.4	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 31.600 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016397.D
 Acq: 21 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	32.3	96.9
227	64.5	31.8	95.4





#95

Naphthalene

Concen: 43.867 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

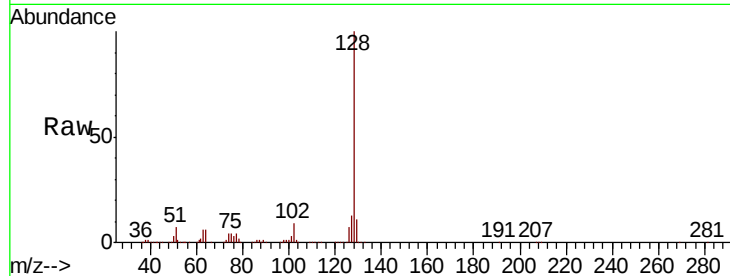
Tot Ion:128 Resp: 638576

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

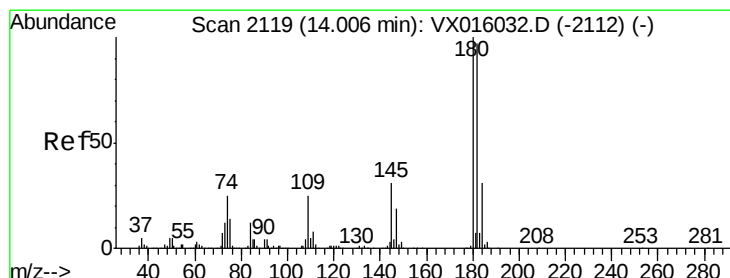
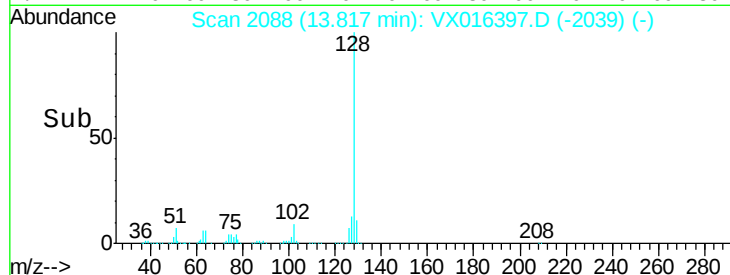
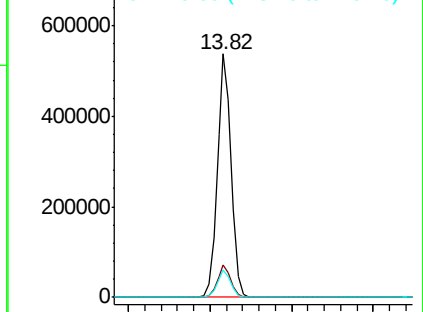
129 11.1 8.7 13.1



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: 39.125 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016397.D

Acq: 21 May 2020 20:20

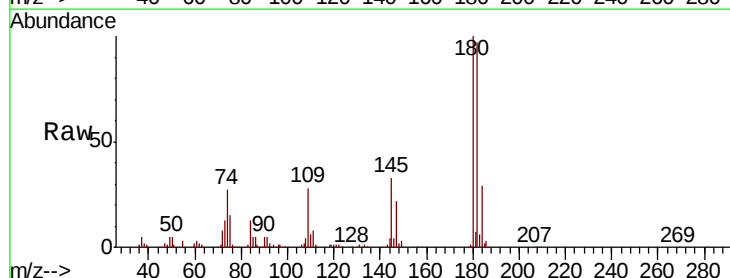
Tgt Ion:180 Resp: 171903

Ion Ratio Lower Upper

180 100

182 96.8 48.4 145.0

145 33.0 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

