

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062420\
 Data File : VX016942.D
 Acq On : 24 Jun 2020 11:38
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 24 12:34:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 12:24:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	207187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	335817	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	335715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	156196	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	58643	22.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.46%	
35) Dibromofluoromethane	5.46	113	45272	20.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.90%	
50) Toluene-d8	8.70	98	162316	18.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.96%	
62) 4-Bromofluorobenzene	11.12	95	65019	19.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	39329	16.696	ug/l	98
3) Chloromethane	1.32	50	38948	15.303	ug/l	99
4) Vinyl Chloride	1.39	62	40494	14.598	ug/l	100
5) Bromomethane	1.63	94	29849	17.816	ug/l	97
6) Chloroethane	1.72	64	29694	16.843	ug/l	95
7) Trichlorofluoromethane	1.92	101	73008	18.044	ug/l	95
8) Diethyl Ether	2.17	74	26688	16.965	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	38242	17.640	ug/l	100
10) Methyl Iodide	2.49	142	46691	21.283	ug/l	98
11) Tert butyl alcohol	3.01	59	54043	118.447	ug/l	99
12) 1,1-Dichloroethene	2.36	96	38658	17.541	ug/l	98
13) Acrolein	2.28	56	39049	132.460	ug/l	98
14) Allyl chloride	2.71	41	73681	23.378	ug/l	100
15) Acrylonitrile	3.12	53	126676	123.054	ug/l	100
16) Acetone	2.42	43	104404	107.710	ug/l	98
17) Carbon Disulfide	2.55	76	116986	19.666	ug/l	98
18) Methyl Acetate	2.75	43	50238	21.018	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	144085	21.946	ug/l	100
20) Methylene Chloride	2.84	84	46362	20.624	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	46550	21.634	ug/l	97
22) Diisopropyl ether	3.83	45	154922	25.459	ug/l	94
23) Vinyl Acetate	3.79	43	666477	131.049	ug/l	99
24) 1,1-Dichloroethane	3.67	63	84423	22.967	ug/l	97
25) 2-Butanone	4.64	43	181711	134.481	ug/l	99
26) 2,2-Dichloropropane	4.56	77	77800	22.912	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	53902	22.266	ug/l	99
28) Bromochloromethane	4.98	49	37306	24.140	ug/l	99
29) Tetrahydrofuran	5.09	42	122150	141.989	ug/l	98
30) Chloroform	5.18	83	92338	23.907	ug/l	95
31) Cyclohexane	5.56	56	77630	23.825	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	83209	22.922	ug/l	99
36) 1,1-Dichloropropene	5.78	75	65151	20.636	ug/l	98
37) Ethyl Acetate	4.80	43	76003	26.311	ug/l	99
38) Carbon Tetrachloride	5.76	117	70741	20.195	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062420W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	73822	20.533	ug/l	99
40) Benzene	6.12	78	195603	20.771	ug/l	96
41) Methacrylonitrile	5.00	41	41405	26.316	ug/l	99
42) 1,2-Dichloroethane	6.16	62	70786	20.765	ug/l	99
43) Isopropyl Acetate	6.42	43	120216	24.202	ug/l	98
44) Trichloroethene	7.19	130	51735	18.945	ug/l	95
45) 1,2-Dichloropropane	7.49	63	47103	19.749	ug/l	96
46) Dibromomethane	7.64	93	36052	22.322	ug/l	98
47) Bromodichloromethane	7.88	83	72231	20.980	ug/l	100
48) Methyl methacrylate	7.75	41	57156	24.067	ug/l	98
49) 1,4-Dioxane	7.71	88	24685	476.291	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	375411	124.795	ug/l	100
52) Toluene	8.76	92	123481	19.887	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	81243	21.493	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	85228	21.132	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	49991	21.535	ug/l	97
56) Ethyl methacrylate	9.16	69	72320	21.458	ug/l	99
57) 1,3-Dichloropropane	9.35	76	84642	21.314	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	197507	120.937	ug/l	98
59) 2-Hexanone	9.47	43	245606	112.288	ug/l	100
60) Dibromochloromethane	9.57	129	53416	19.298	ug/l	98
61) 1,2-Dibromoethane	9.65	107	52939	20.841	ug/l	97
64) Tetrachloroethene	9.32	164	45736	15.148	ug/l	96
65) Chlorobenzene	10.12	112	130742	19.070	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	45056	16.905	ug/l	98
67) Ethyl Benzene	10.24	91	211160	17.956	ug/l	98
68) m/p-Xylenes	10.34	106	176306	38.785	ug/l	98
69) o-Xylene	10.68	106	75922	17.989	ug/l	99
70) Styrene	10.70	104	131622	18.306	ug/l	99
71) Bromoform	10.84	173	32566	14.682	ug/l #	98
73) Isopropylbenzene	11.00	105	214084	20.947	ug/l	99
74) N-amyl acetate	10.88	43	96152	25.099	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	69288	23.245	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	66782m	22.507	ug/l	
77) Bromobenzene	11.24	156	54698	19.979	ug/l	98
78) n-propylbenzene	11.34	91	259620	22.548	ug/l	99
79) 2-Chlorotoluene	11.40	91	153913	21.866	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	185814	21.170	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	25417	20.846	ug/l	97
82) 4-Chlorotoluene	11.49	91	181220	21.528	ug/l	99
83) tert-Butylbenzene	11.76	119	173766	19.941	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	195062	21.531	ug/l	99
85) sec-Butylbenzene	11.93	105	196187	19.323	ug/l	100
86) p-Isopropyltoluene	12.05	119	193862	21.061	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	96574	19.398	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	96211	18.983	ug/l	97
89) n-Butylbenzene	12.37	91	168817	20.993	ug/l	99
90) Hexachloroethane	12.58	117	32317	19.229	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	91780	18.912	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17374	24.906	ug/l	98

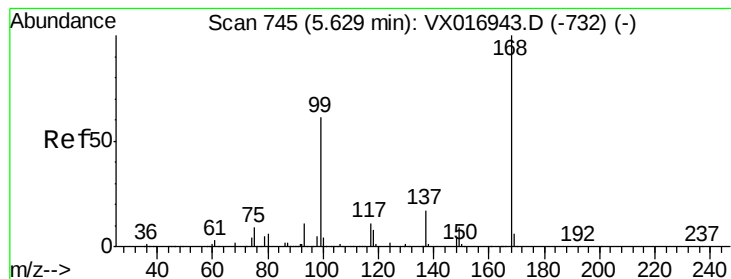
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062420\
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Acq On : 24 Jun 2020 11:38
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	56874	18.077	ug/l	98
94) Hexachlorobutadiene	13.77	225	21392	15.334	ug/l	97
95) Naphthalene	13.82	128	206428	21.584	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	51029	16.447	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

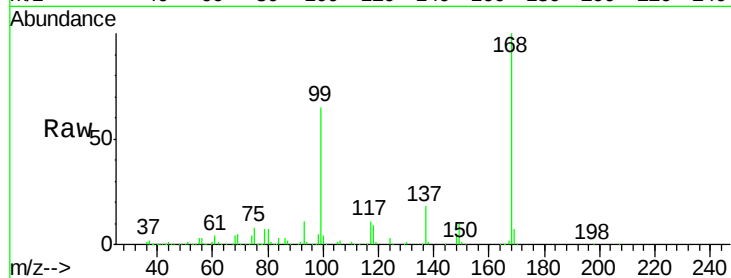
VSTDIC020

Tot Ion:168 Resp: 207187

Ion Ratio Lower Upper

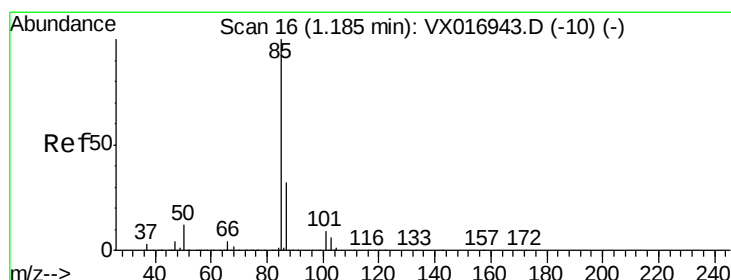
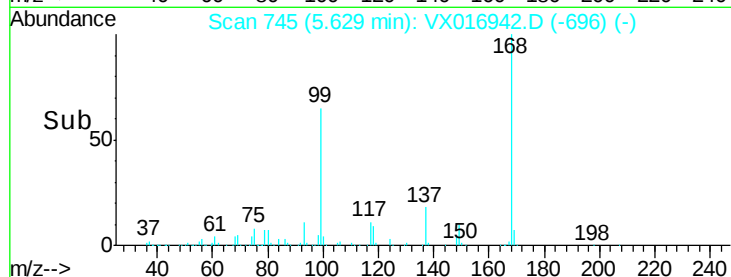
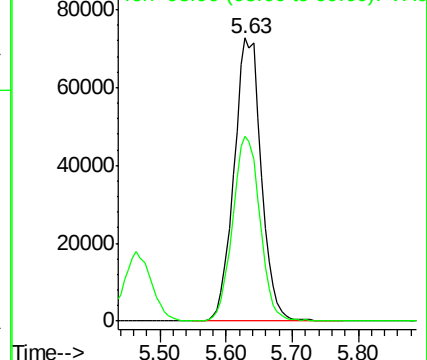
168 100

99 65.4 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.696 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016942.D

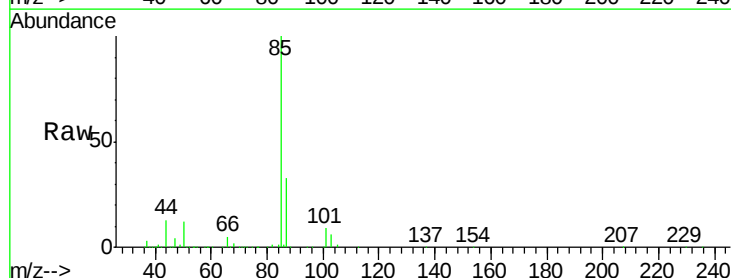
Acq: 24 Jun 2020 11:38

Tgt Ion: 85 Resp: 39329

Ion Ratio Lower Upper

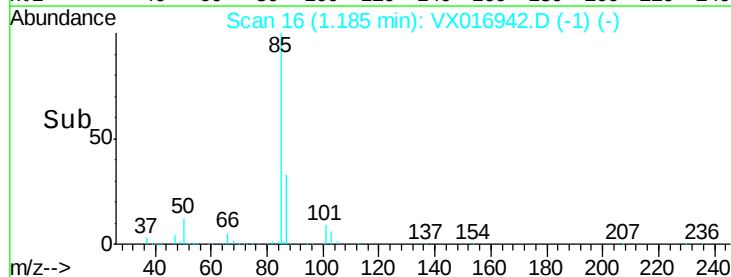
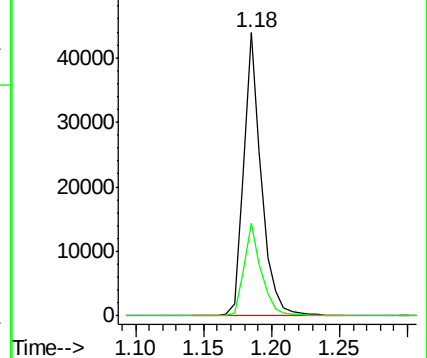
85 100

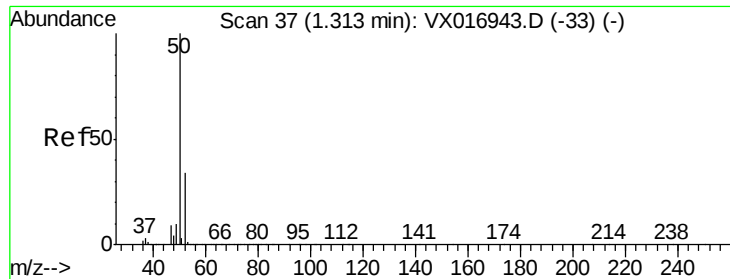
87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.303 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

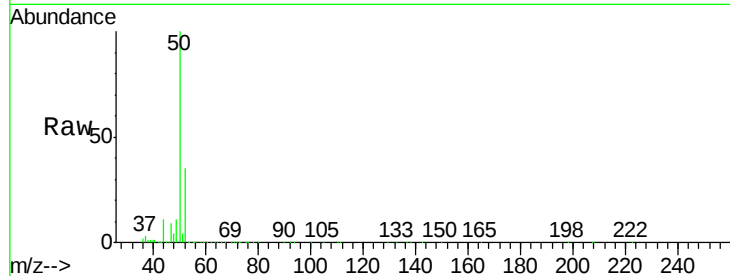
VSTDIC020

Tot Ion: 50 Resp: 38948

Ion Ratio Lower Upper

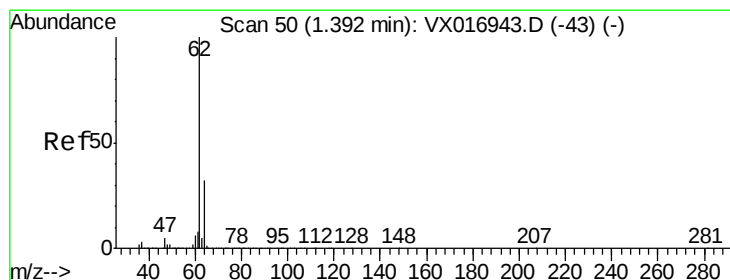
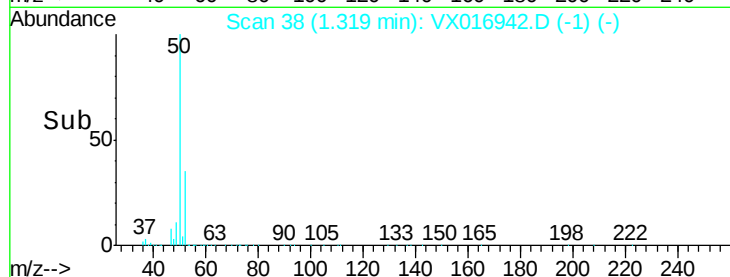
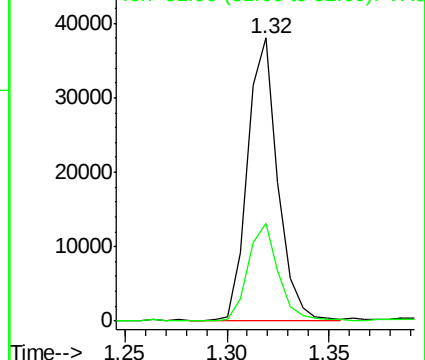
50 100

52 34.6 27.2 40.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 14.598 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016942.D

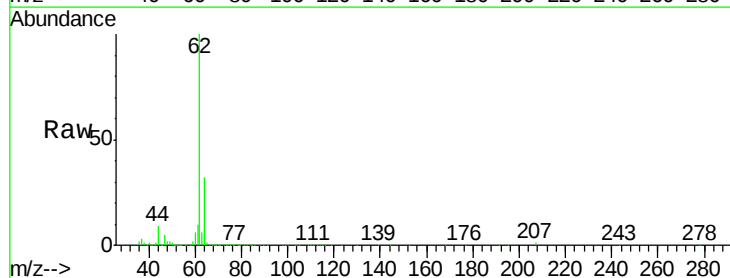
Acq: 24 Jun 2020 11:38

Tgt Ion: 62 Resp: 40494

Ion Ratio Lower Upper

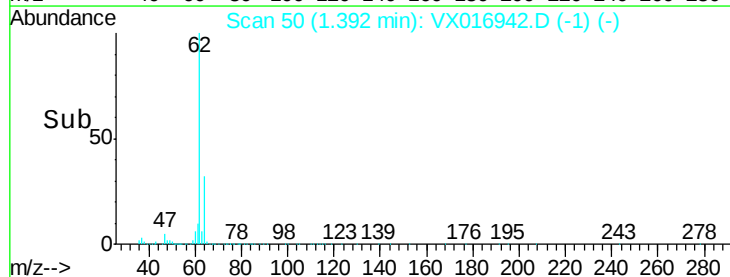
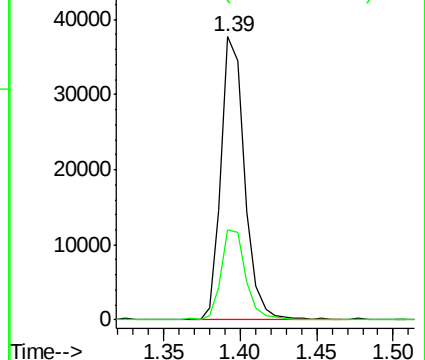
62 100

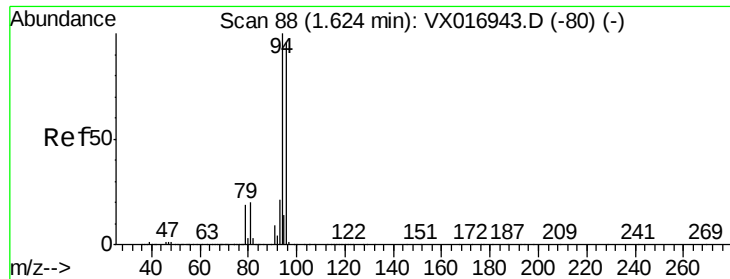
64 31.6 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.816 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

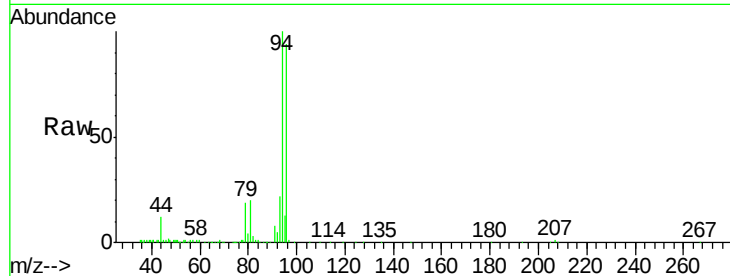
VSTDIC020

Tot Ion: 94 Resp: 29849

Ion Ratio Lower Upper

94 100

96 93.7 77.1 115.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

25000

20000

15000

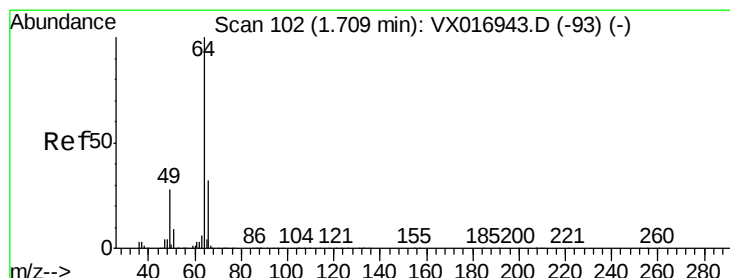
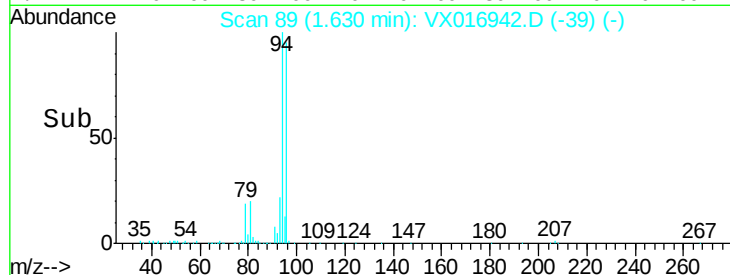
10000

5000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 16.843 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016942.D

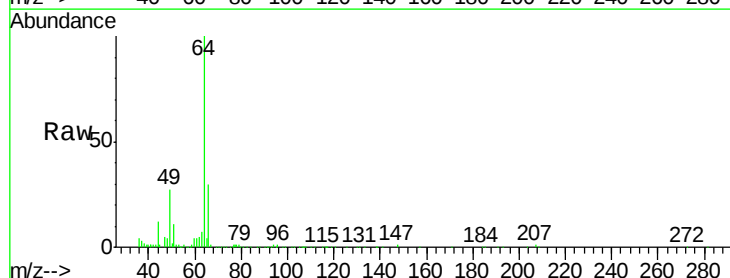
Acq: 24 Jun 2020 11:38

Tgt Ion: 64 Resp: 29694

Ion Ratio Lower Upper

64 100

66 29.7 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

25000

20000

15000

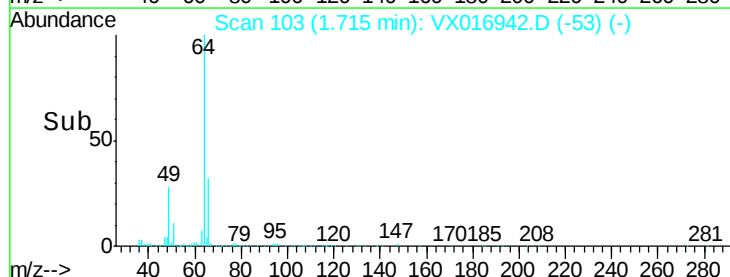
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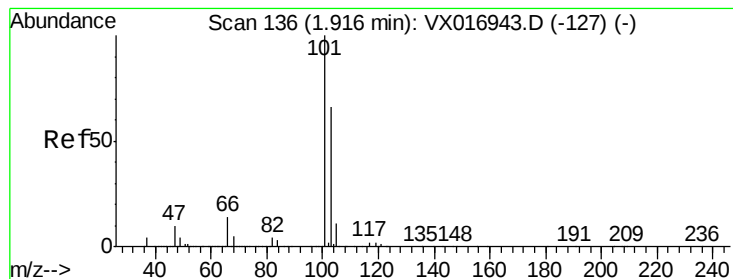
5000

0

1.60 1.70 1.80

Time-->



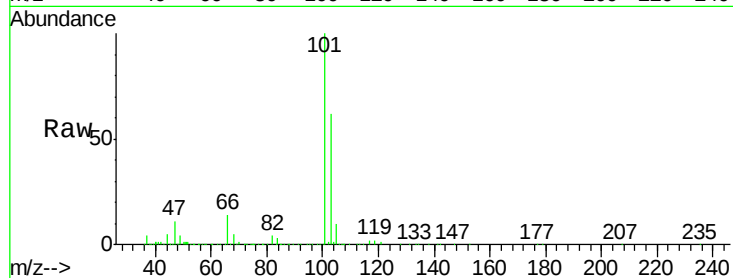


#7

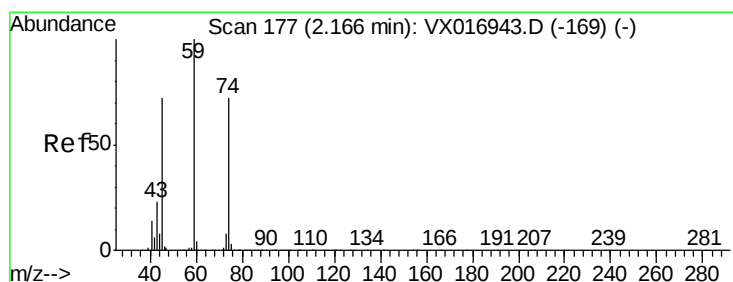
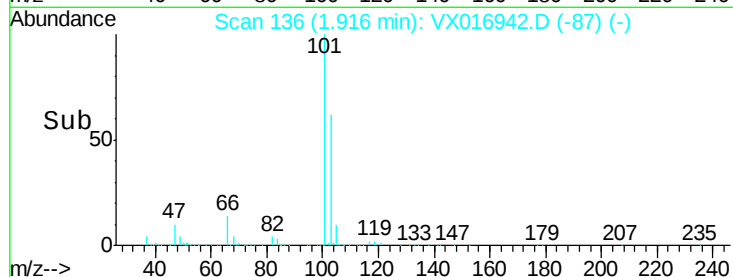
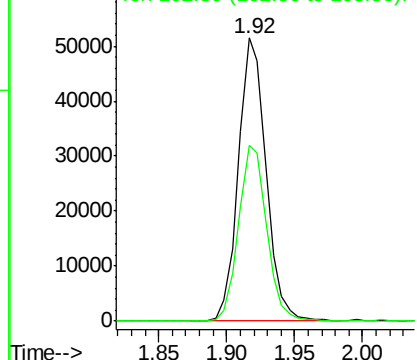
Trichlorofluoromethane
Concen: 18.044 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:101 Resp: 73008
Ion Ratio Lower Upper
101 100
103 62.0 53.0 79.4



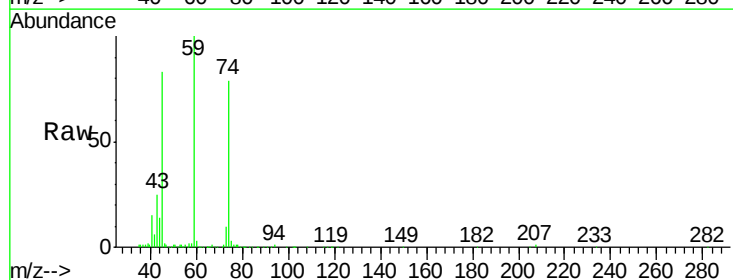
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



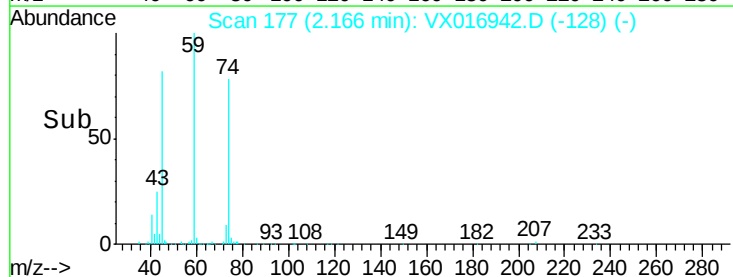
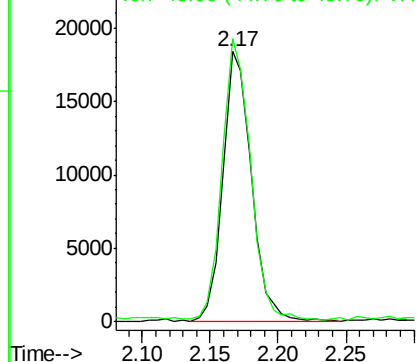
#8

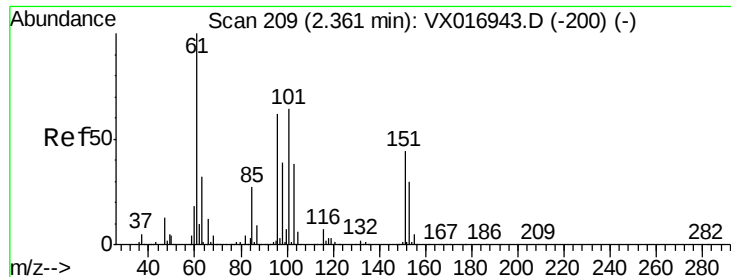
Diethyl Ether
Concen: 16.965 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

Tgt Ion: 74 Resp: 26688
Ion Ratio Lower Upper
74 100
45 102.9 49.1 147.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.640 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

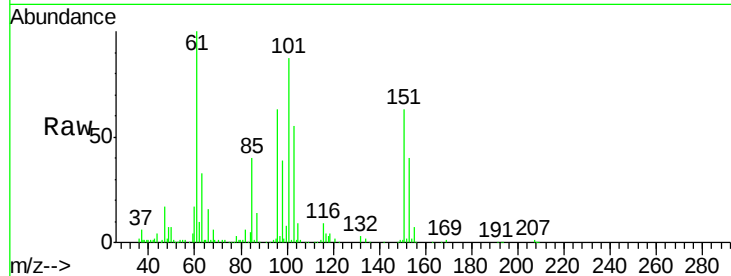
Tot Ion:101 Resp: 38242

Ion Ratio Lower Upper

101 100

85 45.3 36.7 55.1

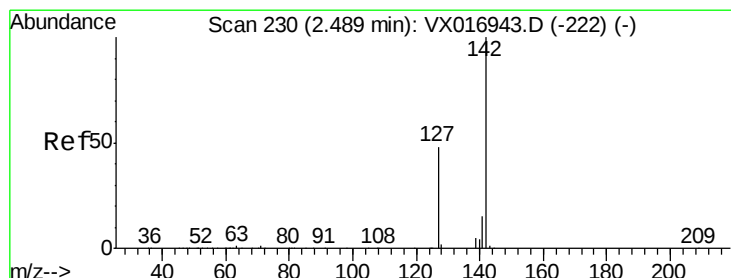
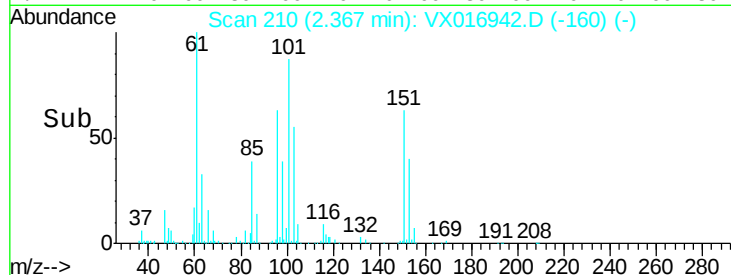
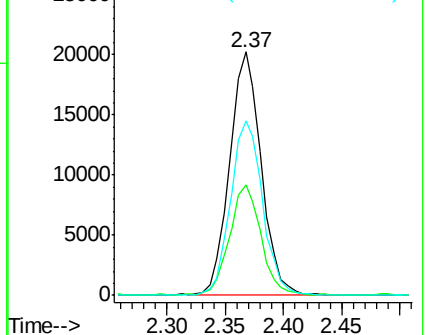
151 73.0 58.2 87.4



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: 21.283 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

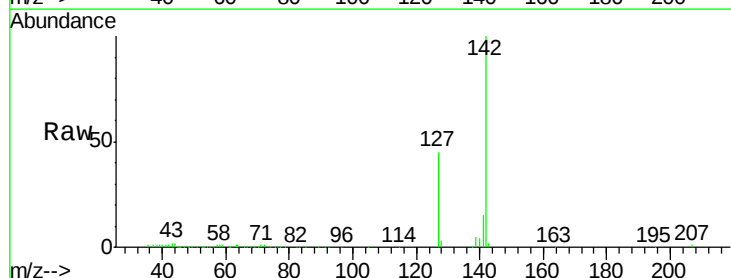
Tgt Ion:142 Resp: 46691

Ion Ratio Lower Upper

142 100

127 46.3 38.5 57.7

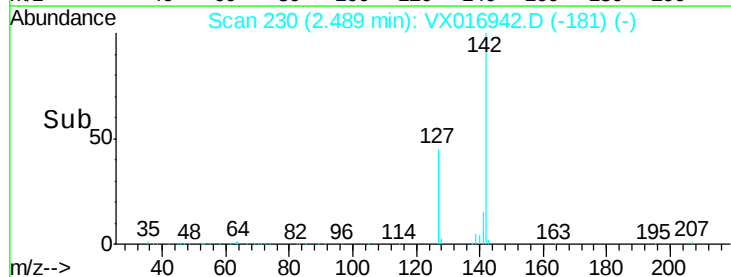
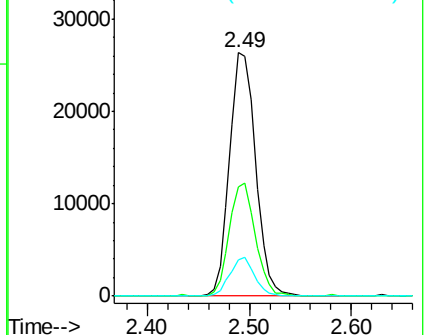
141 15.0 12.0 18.0

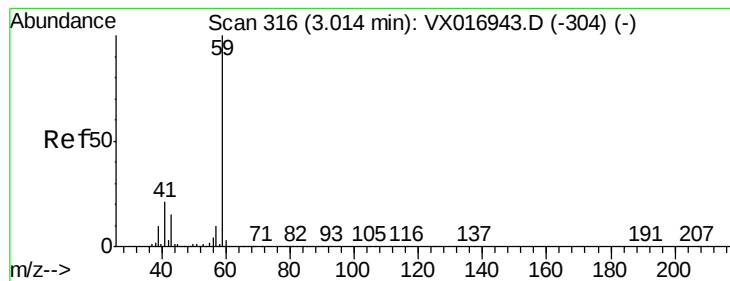


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 118.447 ug/l

RT: 3.01 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampled :

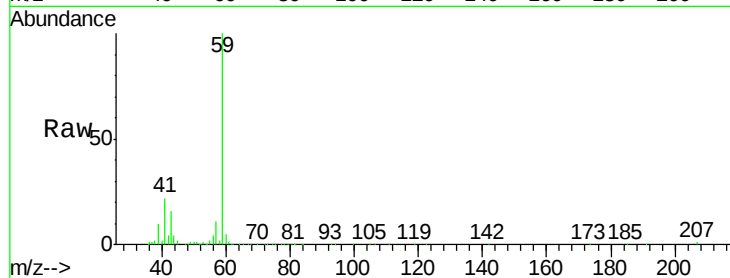
VSTDIC020

Tot Ion: 59 Resp: 54043

Ion Ratio Lower Upper

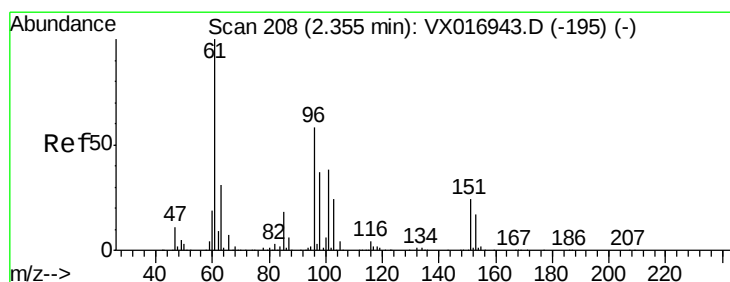
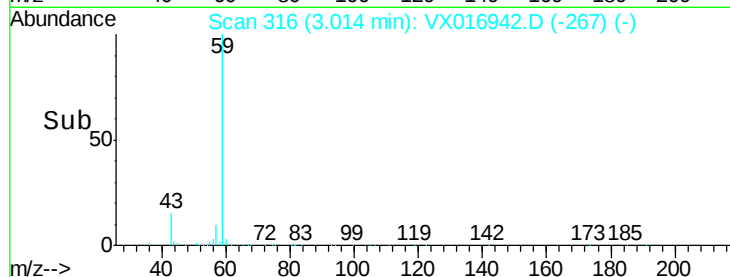
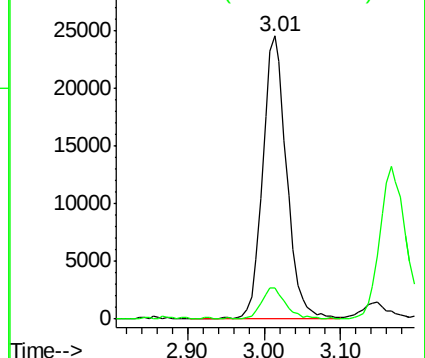
59 100

57 10.6 8.8 13.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 17.541 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

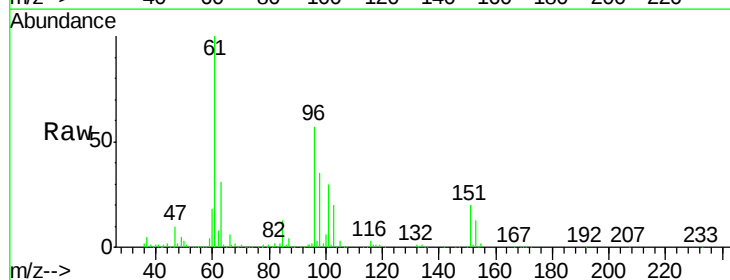
Tgt Ion: 96 Resp: 38658

Ion Ratio Lower Upper

96 100

61 175.4 138.6 208.0

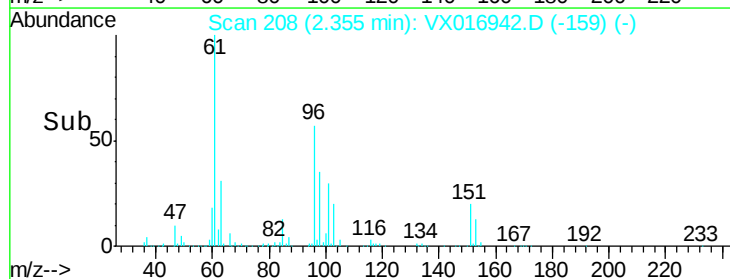
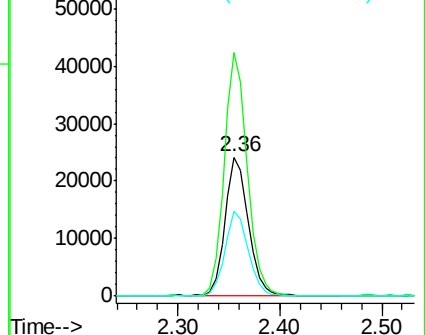
98 61.0 51.1 76.7

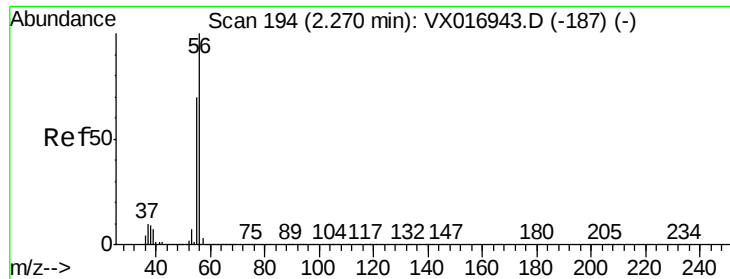


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 132.460 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

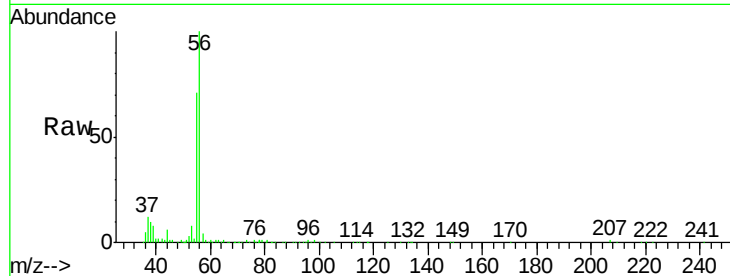
VSTDIC020

Tot Ion: 56 Resp: 39049

Ion Ratio Lower Upper

56 100

55 68.6 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

25000

20000

15000

10000

5000

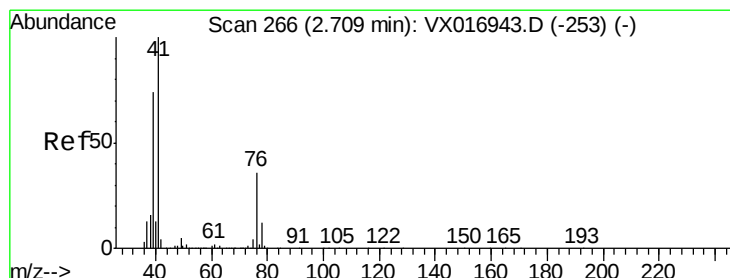
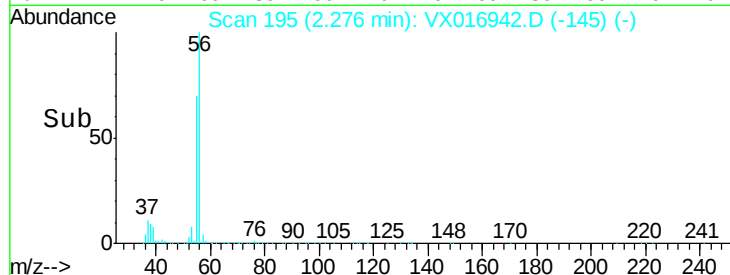
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 23.378 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

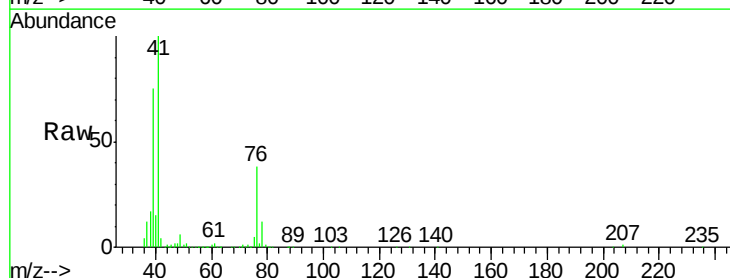
Tgt Ion: 41 Resp: 73681

Ion Ratio Lower Upper

41 100

39 68.3 54.5 81.7

76 33.2 26.1 39.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

50000

40000

30000

20000

10000

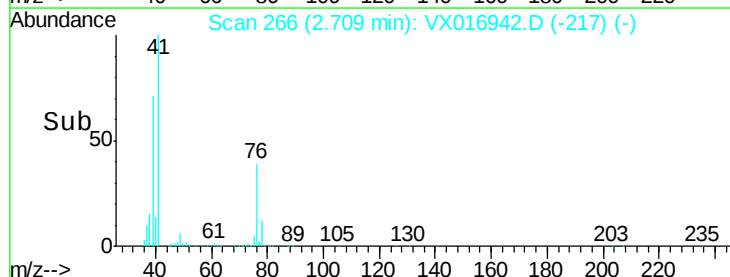
0

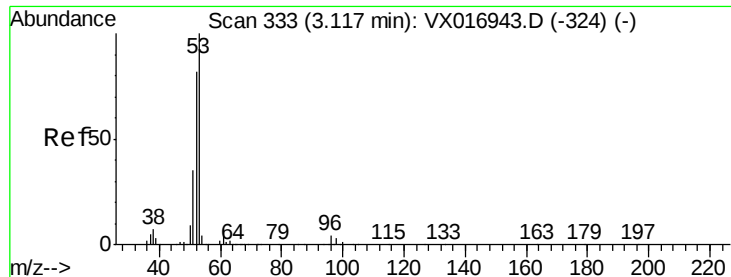
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 123.054 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

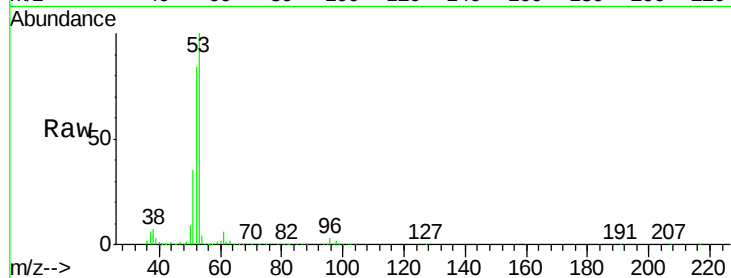
Tot Ion: 53 Resp: 126676

Ion Ratio Lower Upper

53 100

52 82.3 66.2 99.2

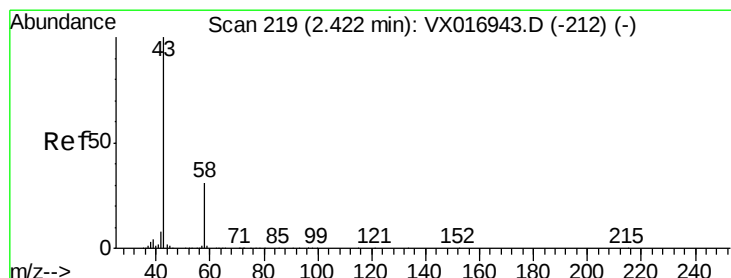
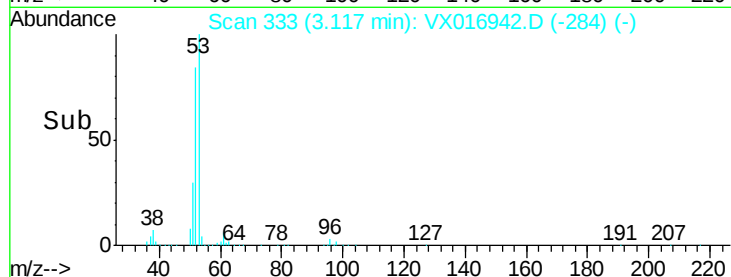
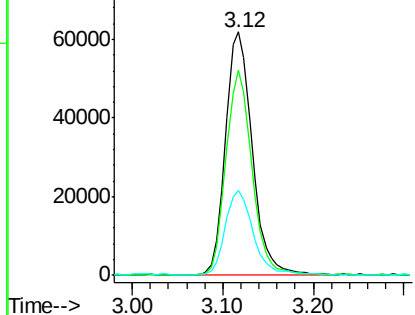
51 36.6 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 107.710 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX016942.D

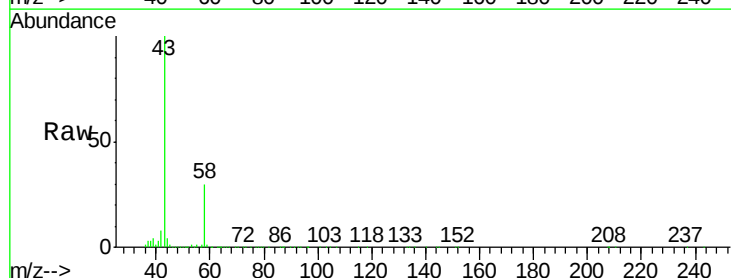
Acq: 24 Jun 2020 11:38

Tgt Ion: 43 Resp: 104404

Ion Ratio Lower Upper

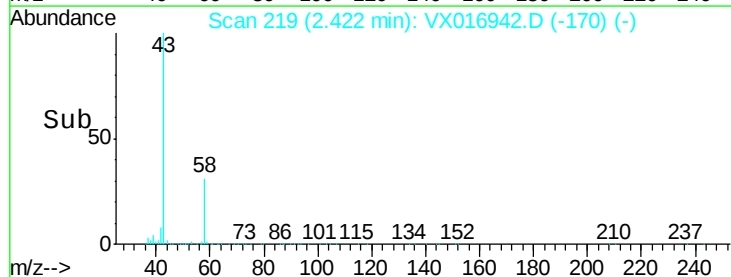
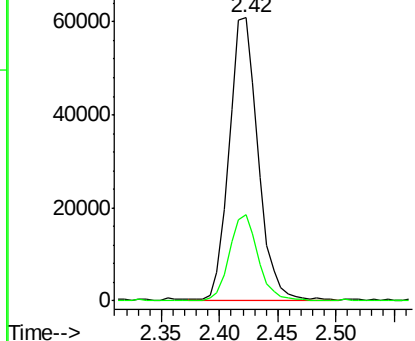
43 100

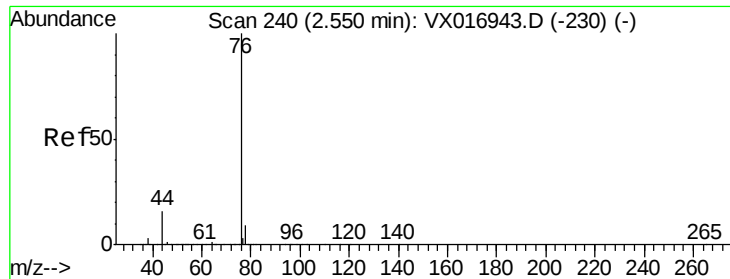
58 30.3 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

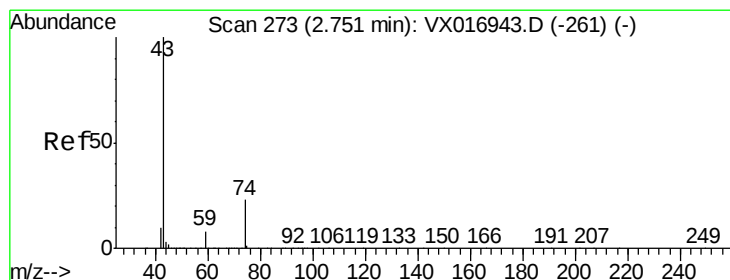
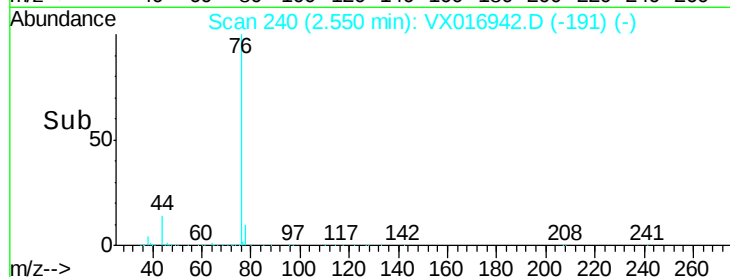
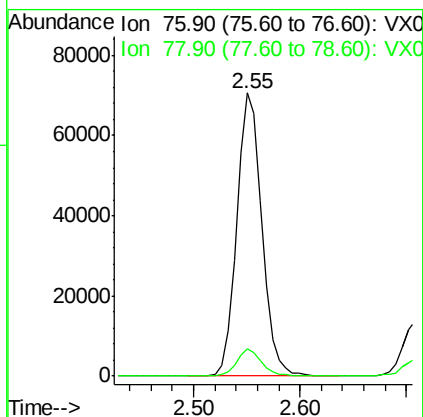
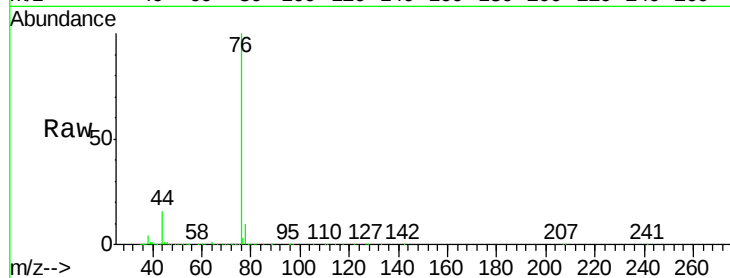




#17
Carbon Disulfide
Concen: 19.666 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

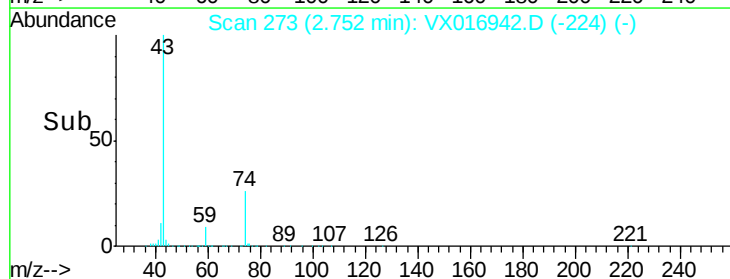
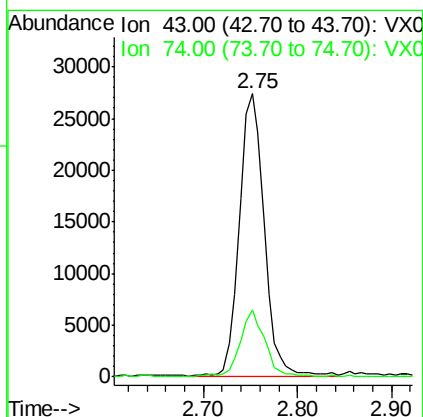
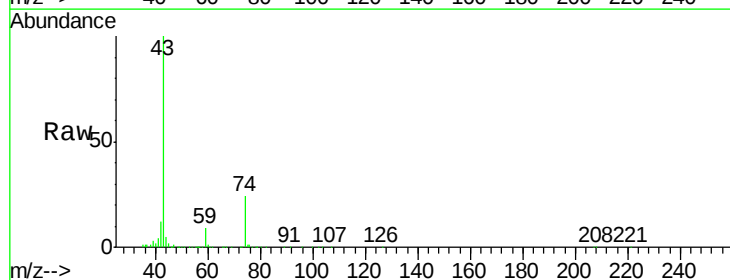
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

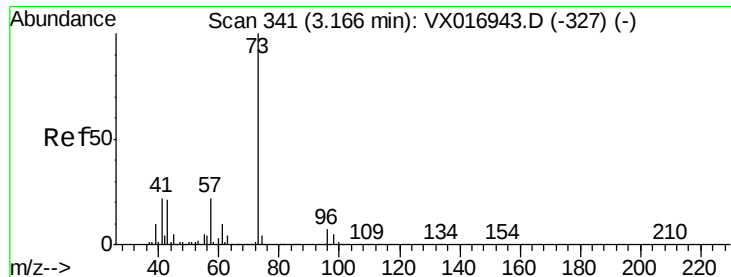
Tot Ion: 76 Resp: 116986
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8



#18
Methyl Acetate
Concen: 21.018 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

Tgt Ion: 43 Resp: 50238
Ion Ratio Lower Upper
43 100
74 24.2 18.8 28.2



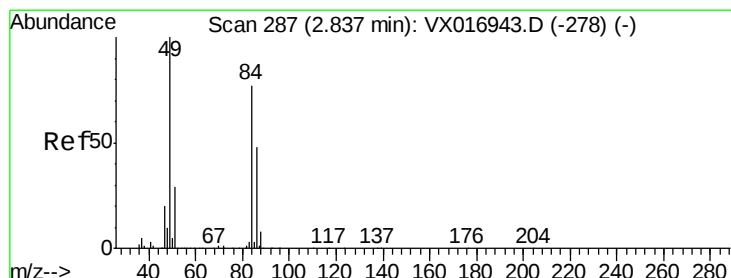
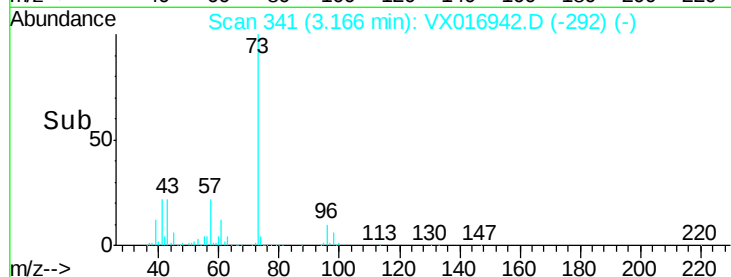
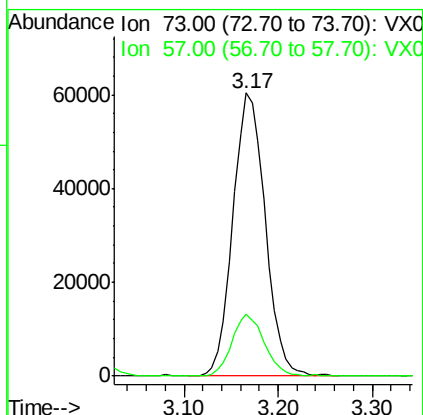
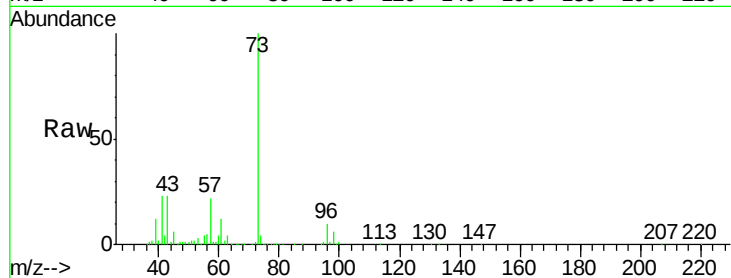


#19

Methyl tert-butyl Ether
 Concen: 21.946 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016942.D
 Acq: 24 Jun 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

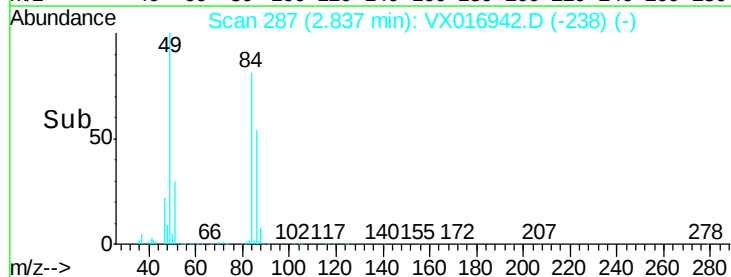
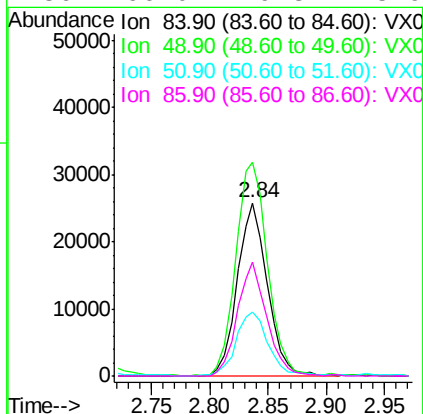
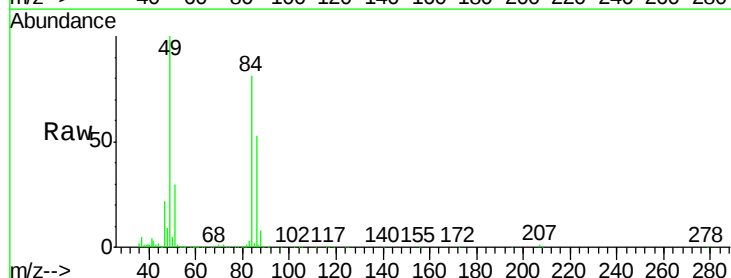
Tot Ion: 73 Resp: 144085
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.6 26.4

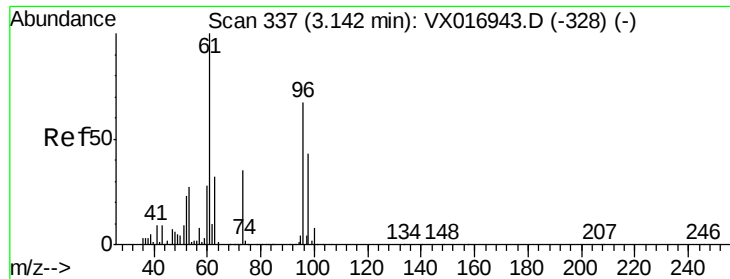


#20

Methylene Chloride
 Concen: 20.624 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX016942.D
 Acq: 24 Jun 2020 11:38

Tgt Ion: 84 Resp: 46362
 Ion Ratio Lower Upper
 84 100
 49 123.6 103.7 155.5
 51 36.9 29.9 44.9
 86 66.0 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 21.634 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

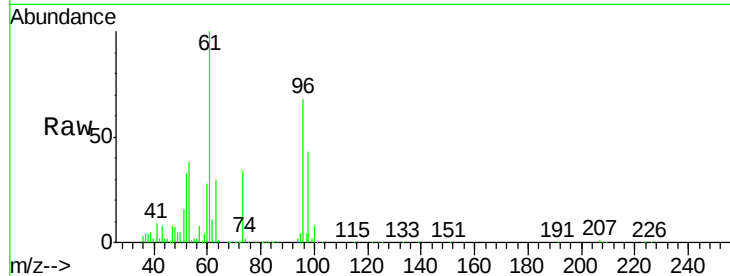
Tot Ion: 96 Resp: 46550

Ion Ratio Lower Upper

96 100

61 145.8 120.1 180.1

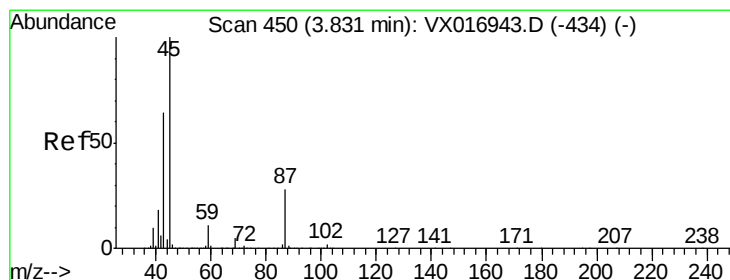
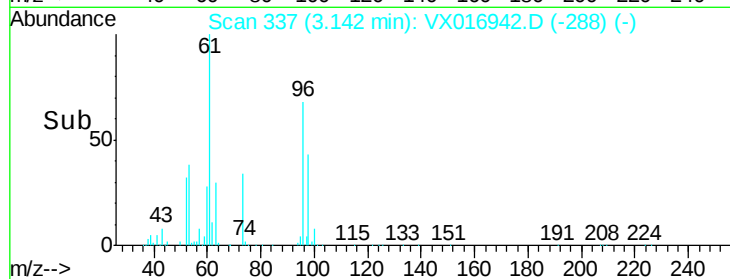
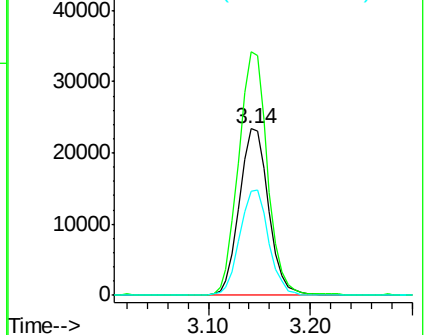
98 62.5 52.1 78.1



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: 25.459 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Tgt Ion: 45 Resp: 154922

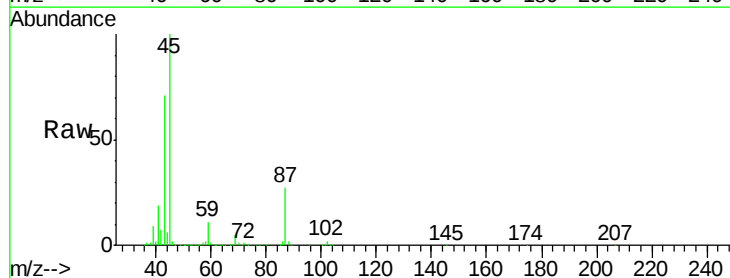
Ion Ratio Lower Upper

45 100

43 70.4 51.2 76.8

87 26.6 22.2 33.4

59 11.0 9.0 13.6

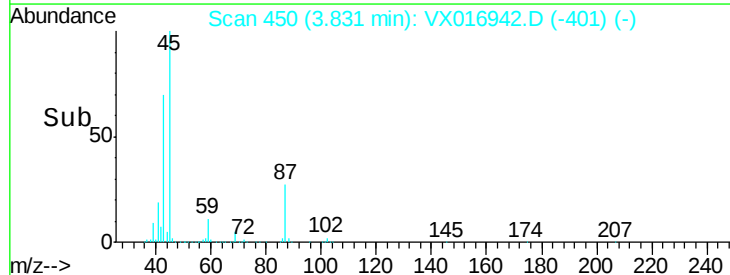
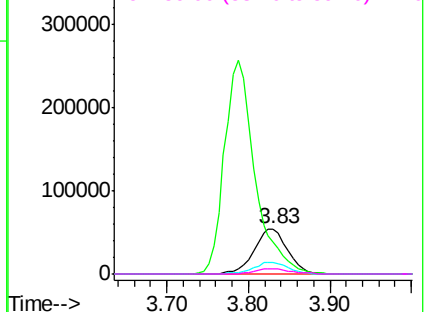


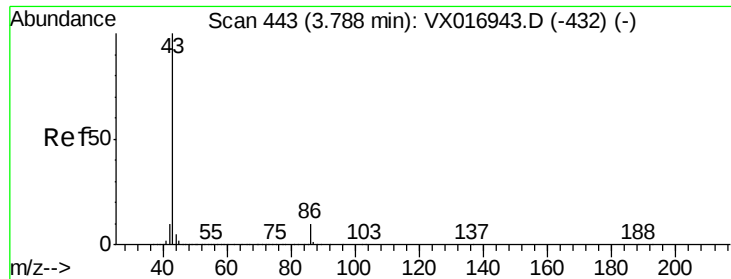
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 131.049 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

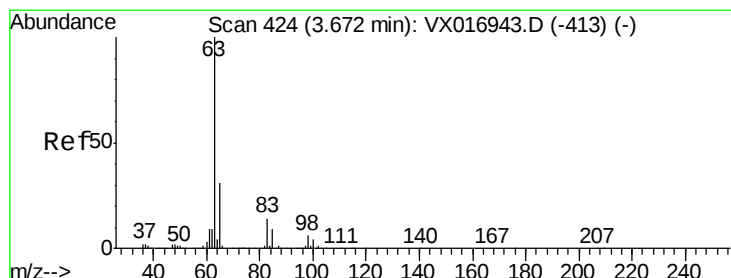
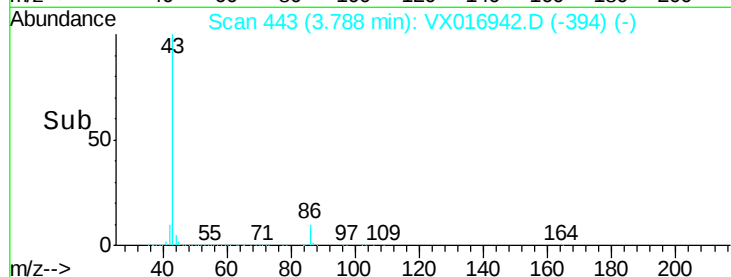
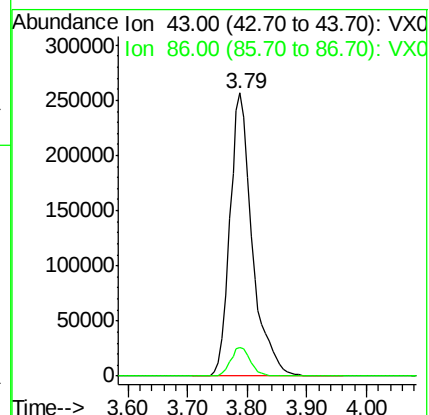
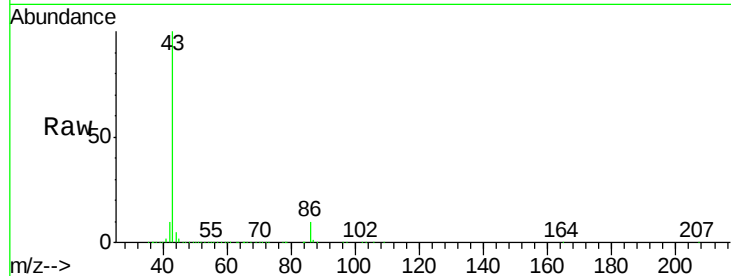
VSTDIC020

Tot Ion: 43 Resp: 666477

Ion Ratio Lower Upper

43 100

86 10.3 8.0 12.0



#24

1,1-Dichloroethane

Concen: 22.967 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

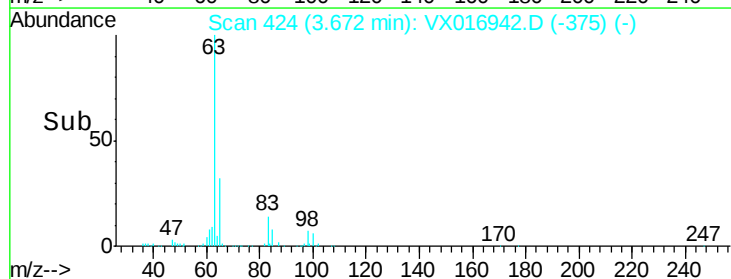
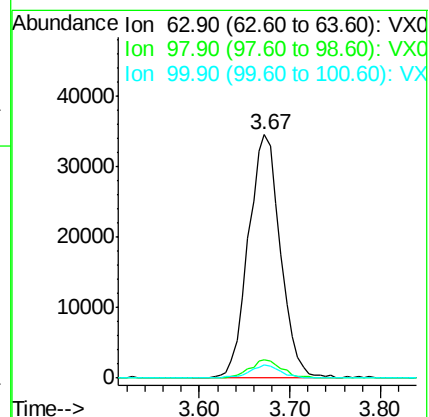
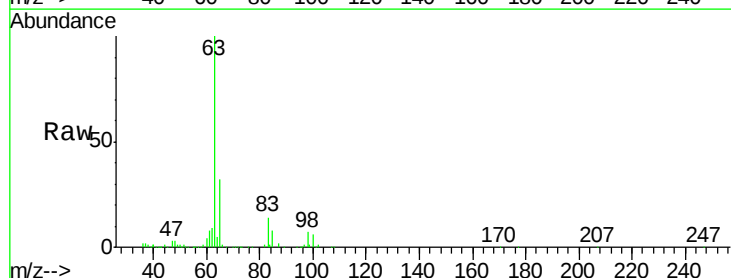
Tgt Ion: 63 Resp: 84423

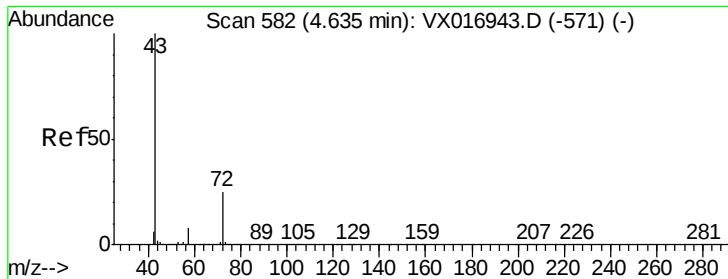
Ion Ratio Lower Upper

63 100

98 7.5 3.2 9.6

100 5.6 2.1 6.5

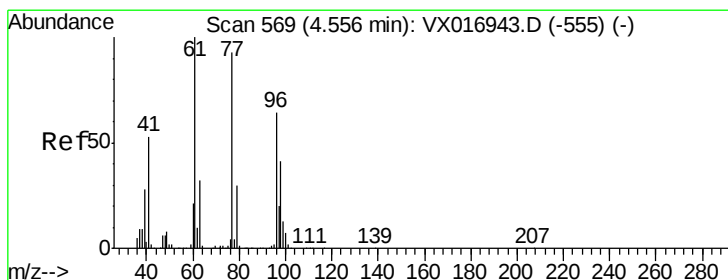
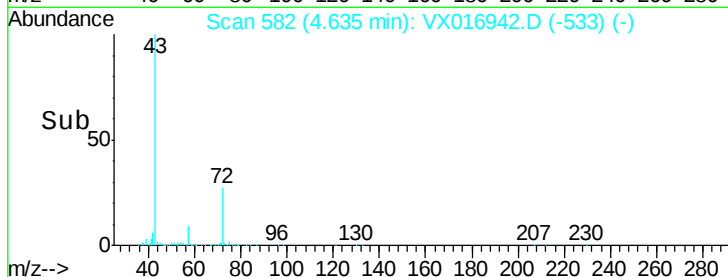
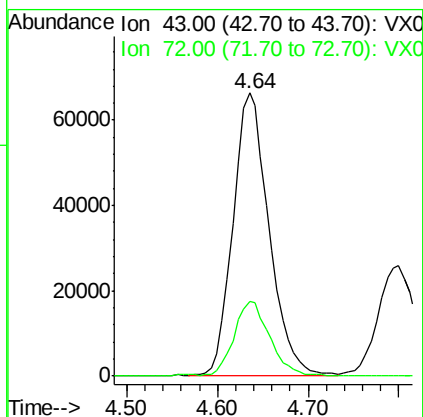
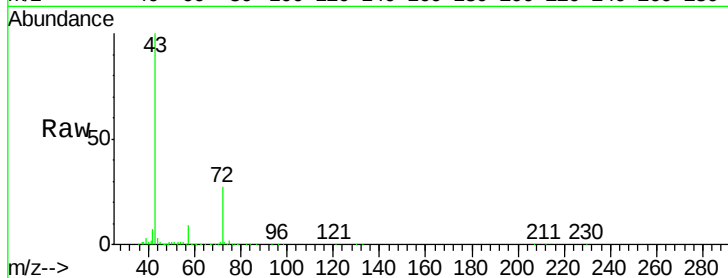




#25
2-Butanone
Concen: 134.481 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

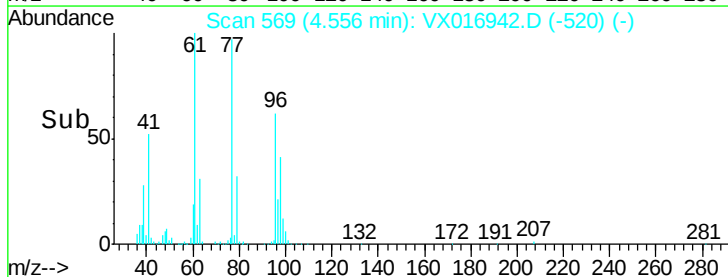
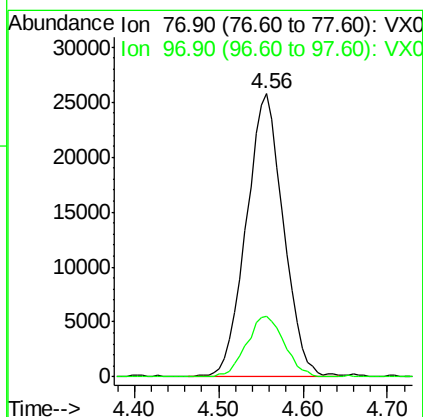
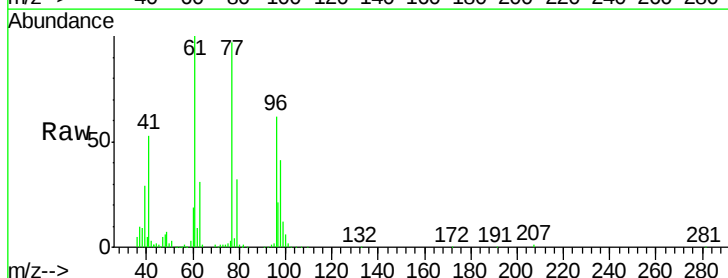
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

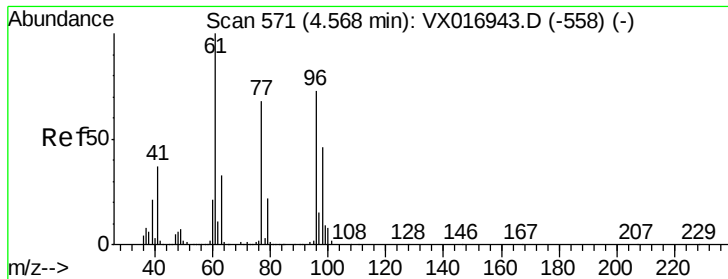
Tot Ion: 43 Resp: 181711
Ion Ratio Lower Upper
43 100
72 26.3 20.6 30.8



#26
2,2-Dichloropropane
Concen: 22.912 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

Tgt Ion: 77 Resp: 77800
Ion Ratio Lower Upper
77 100
97 21.8 10.7 32.1



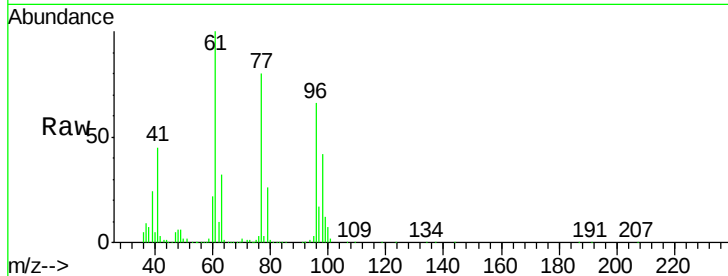


#27

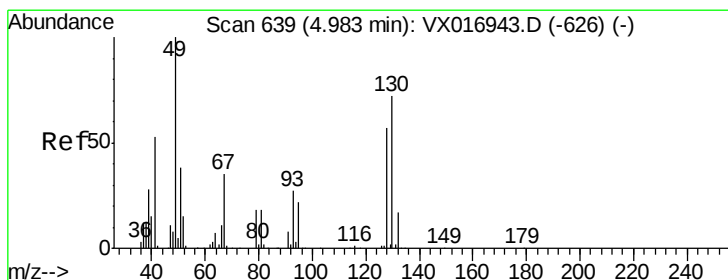
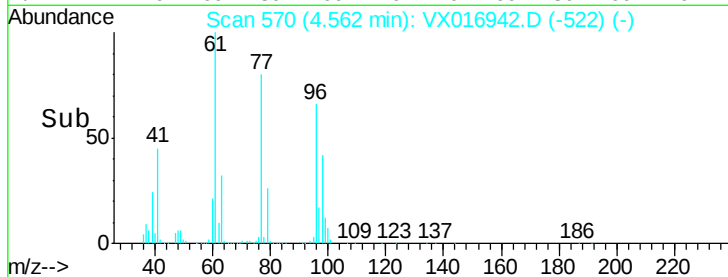
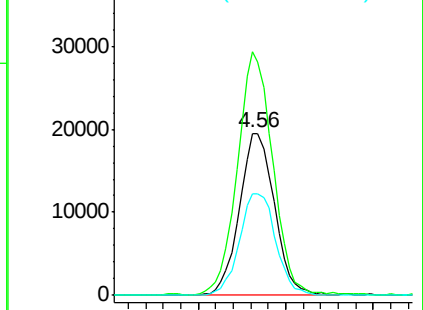
cis-1,2-Dichloroethene
Concen: 22.266 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	96	Resp	53902
Ion	Ratio	Lower	Upper
96	100		
61	152.6	0.0	302.2
98	65.5	0.0	128.0



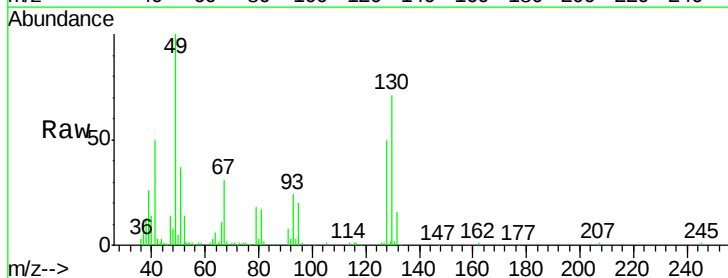
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



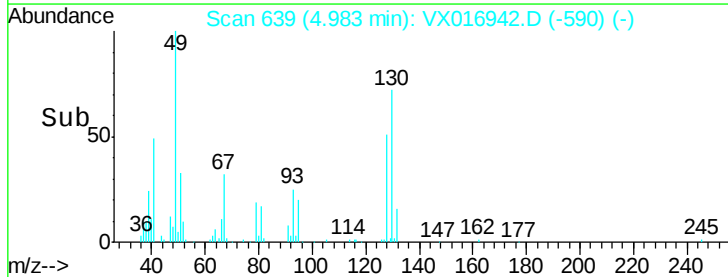
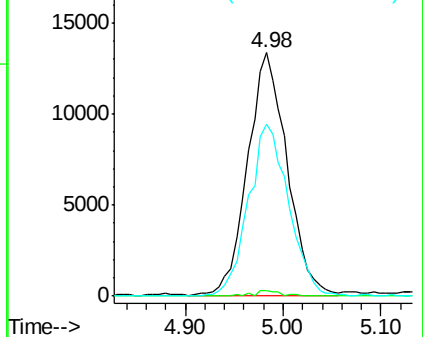
#28

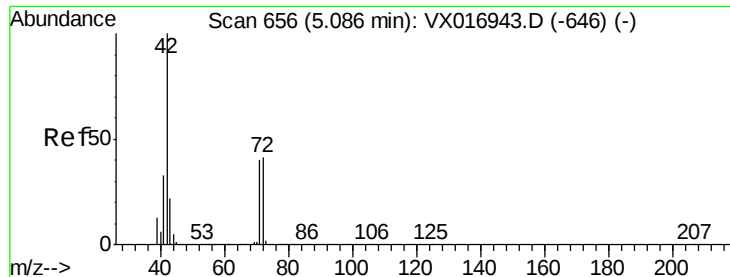
Bromochloromethane
Concen: 24.140 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

Tgt Ion	49	Resp	37306
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.0
130	72.7	59.1	88.7



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 141.989 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

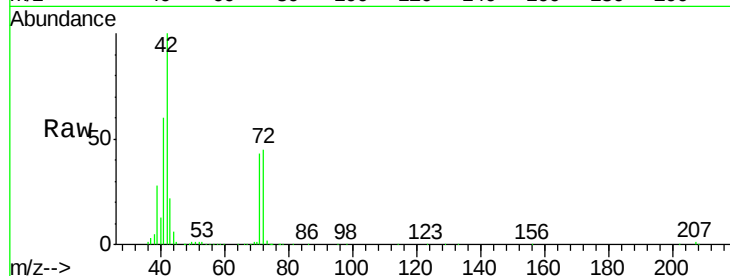
Tot Ion: 42 Resp: 122150

Ion Ratio Lower Upper

42 100

72 44.5 34.5 51.7

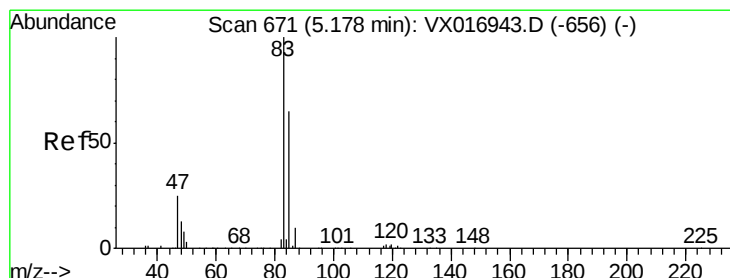
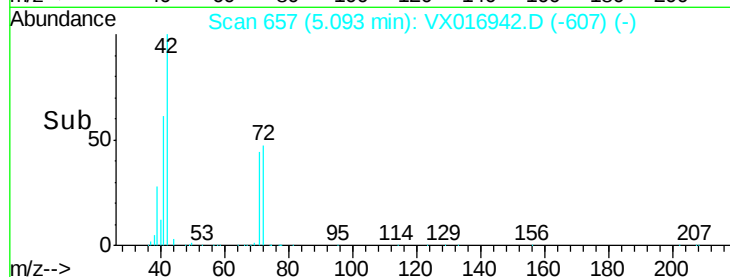
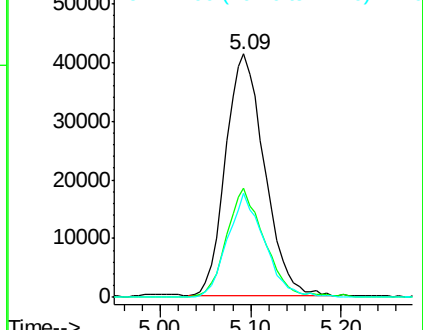
71 41.2 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 23.907 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016942.D

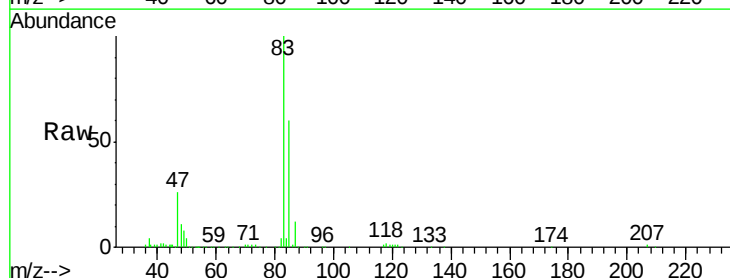
Acq: 24 Jun 2020 11:38

Tgt Ion: 83 Resp: 92338

Ion Ratio Lower Upper

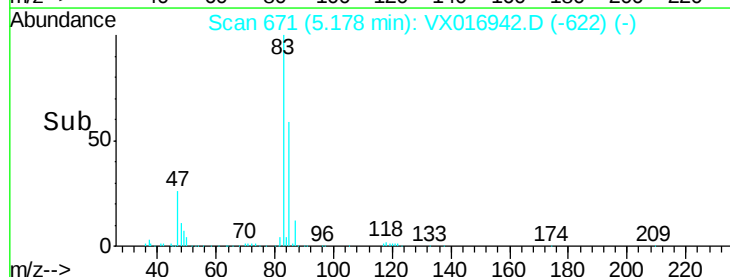
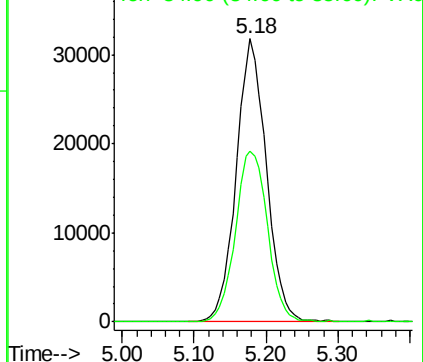
83 100

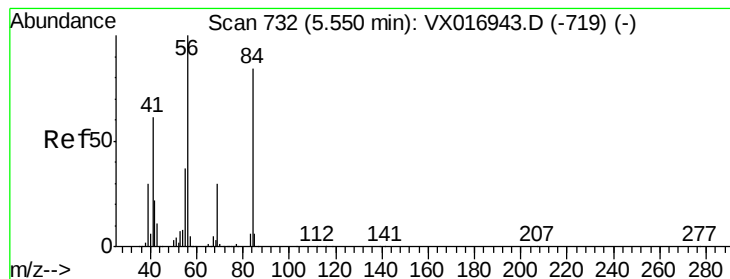
85 60.5 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 23.825 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

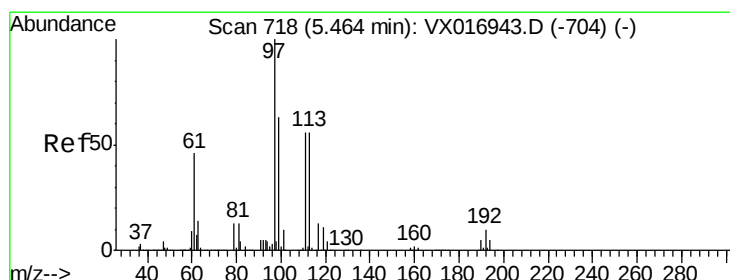
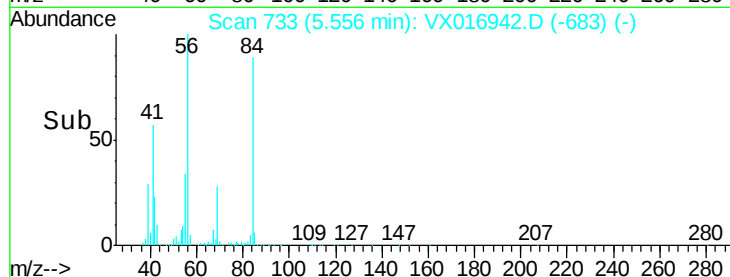
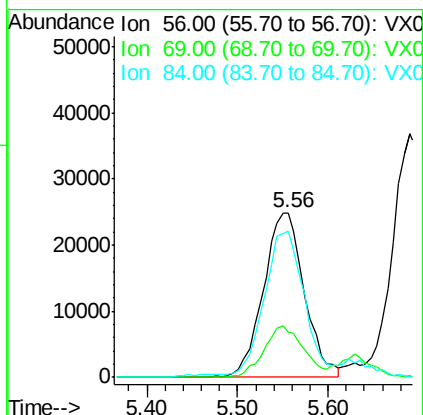
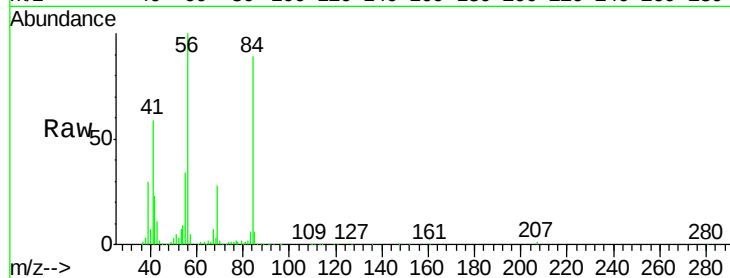
Tot Ion: 56 Resp: 77630

Ion Ratio Lower Upper

56 100

69 27.8 24.1 36.1

84 87.4 67.4 101.2



#32

1,1,1-Trichloroethane

Concen: 22.922 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

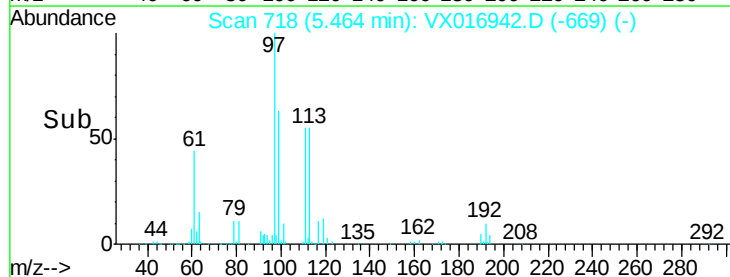
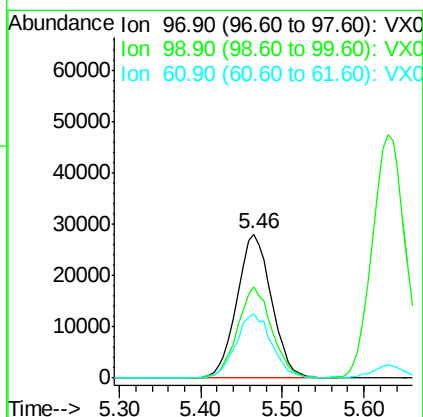
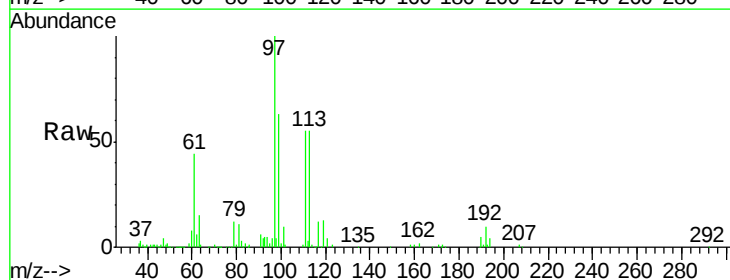
Tgt Ion: 97 Resp: 83209

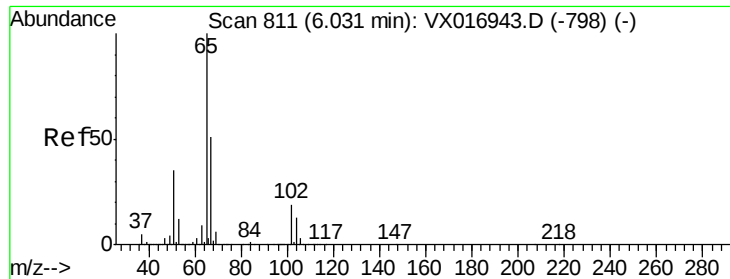
Ion Ratio Lower Upper

97 100

99 62.8 50.8 76.2

61 45.8 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 22.226 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

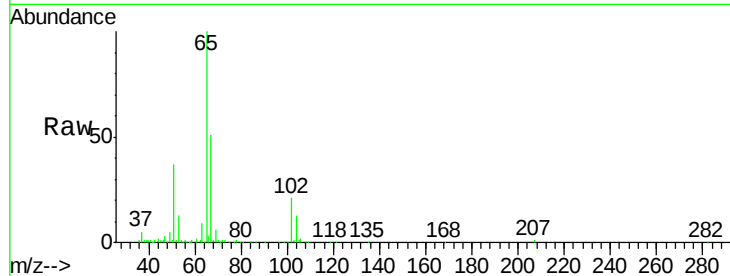
VSTDIC020

Tot Ion: 65 Resp: 58643

Ion Ratio Lower Upper

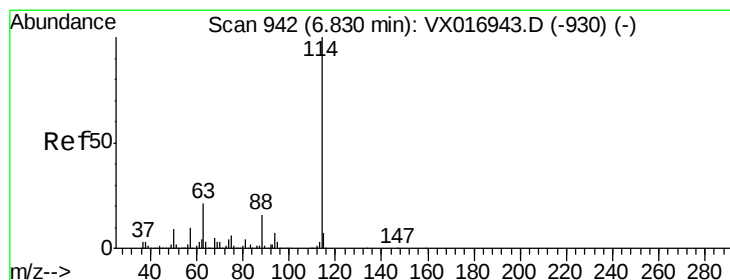
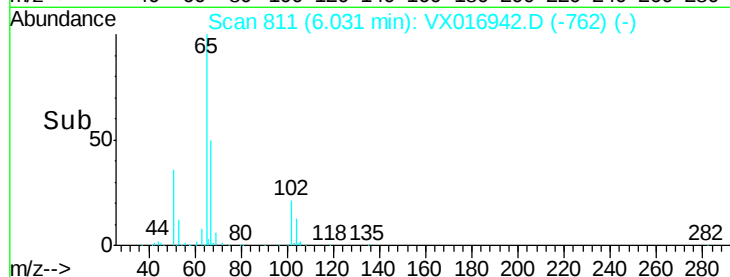
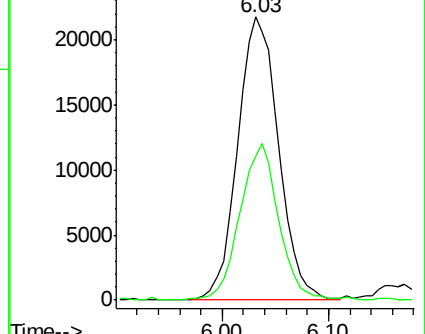
65 100

67 51.2 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

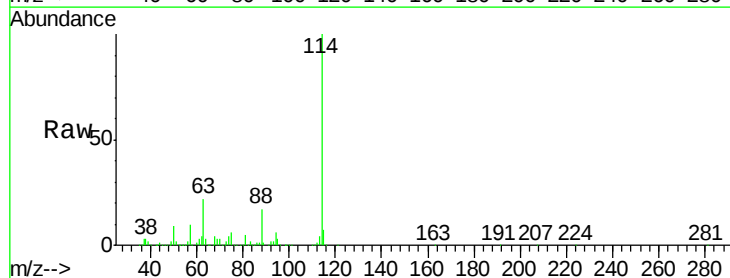
Tgt Ion: 114 Resp: 335817

Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.6

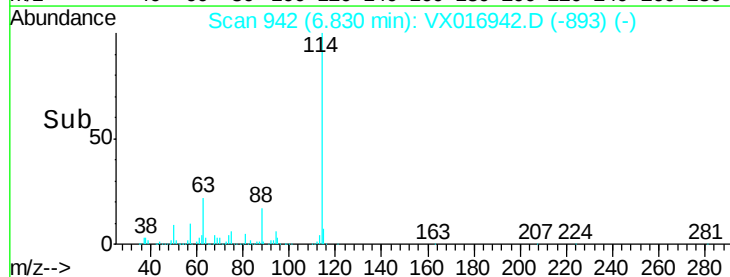
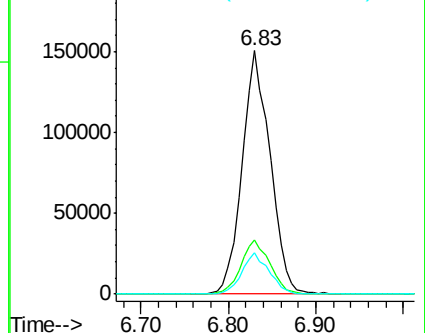
88 16.8 0.0 32.2

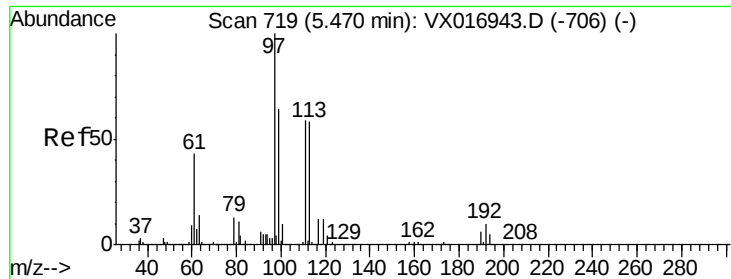


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 20.946 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

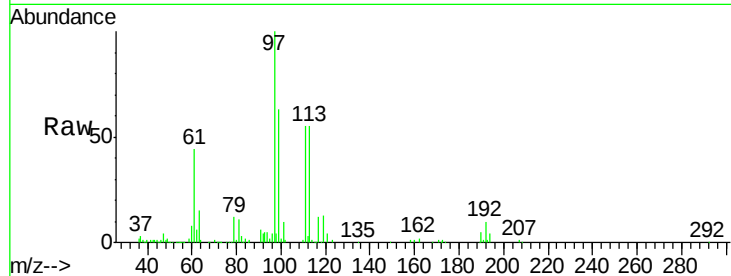
Tot Ion:113 Resp: 45272

Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.4

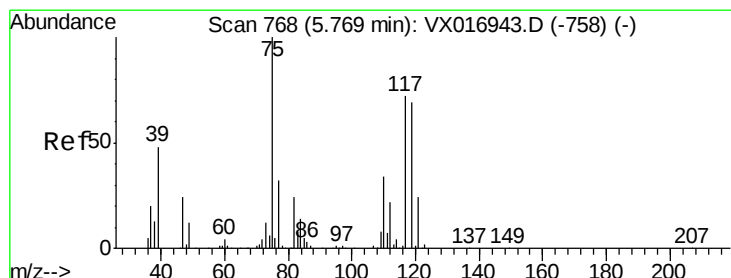
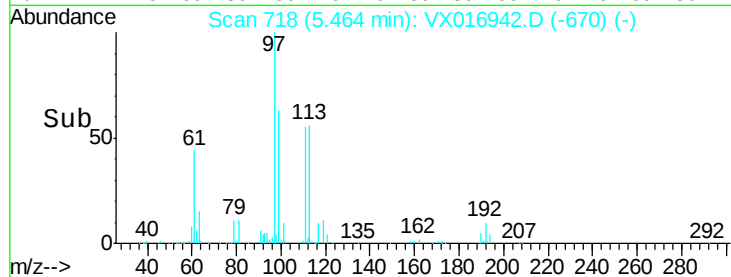
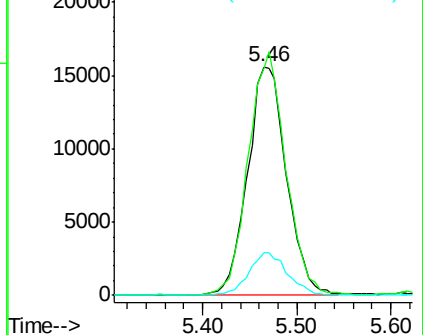
192 18.3 14.5 21.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.636 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

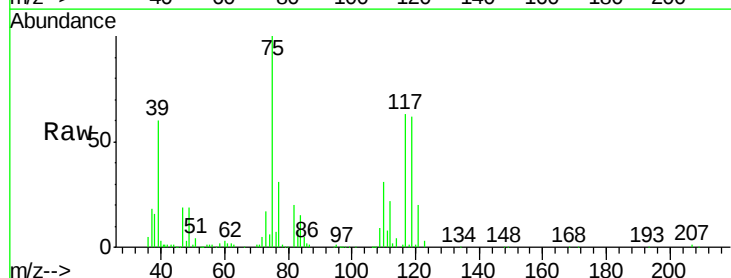
Tgt Ion: 75 Resp: 65151

Ion Ratio Lower Upper

75 100

110 34.8 16.9 50.7

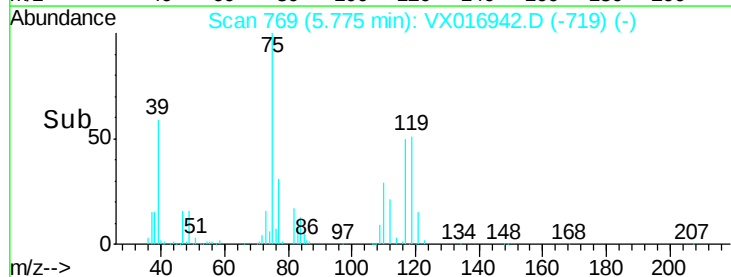
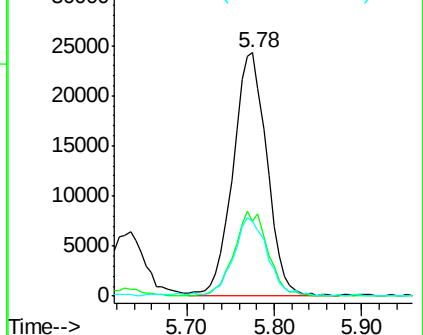
77 32.7 25.0 37.4

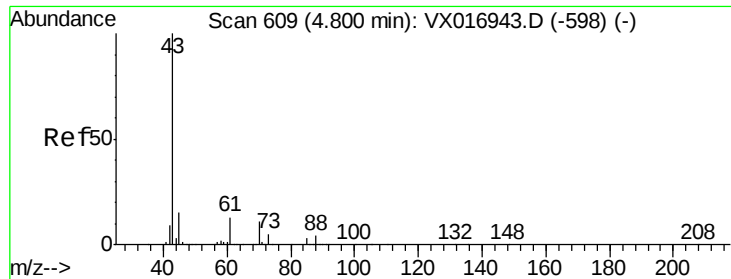


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

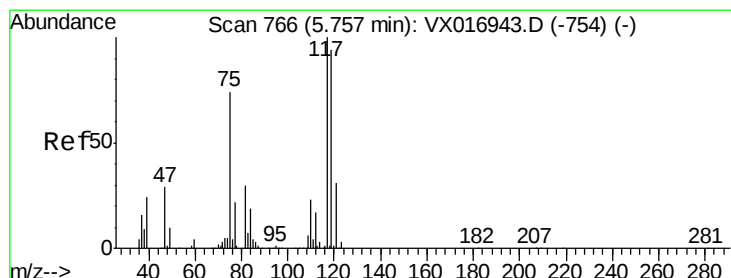
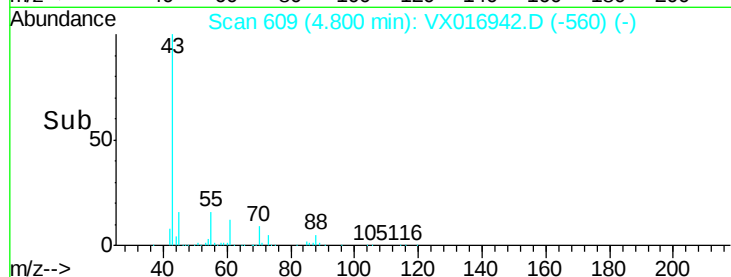
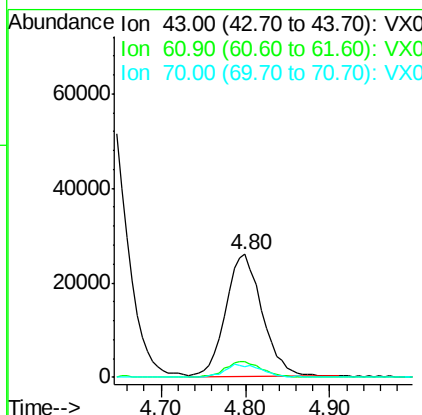
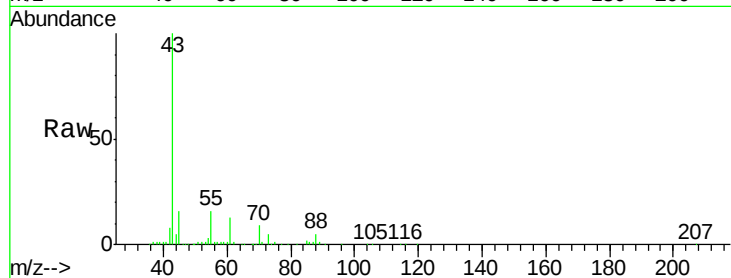




#37
Ethyl Acetate
Concen: 26.311 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

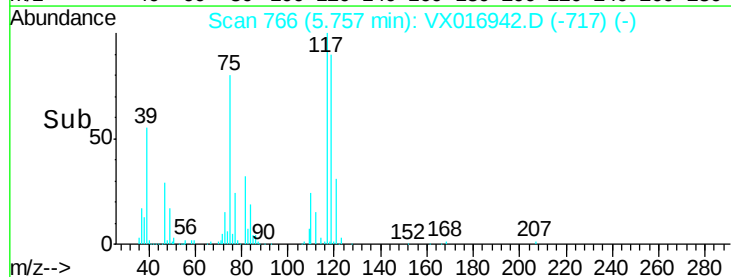
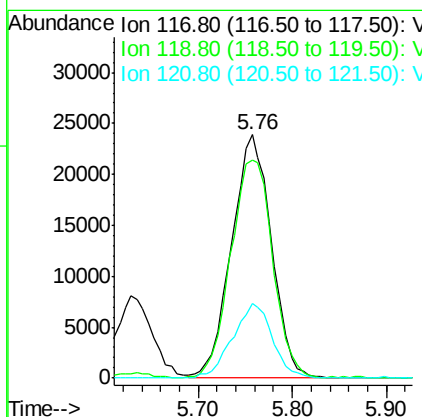
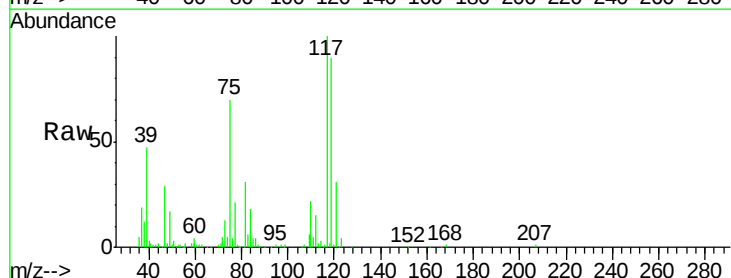
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

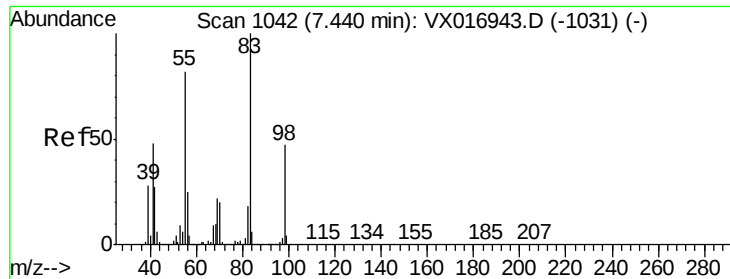
Tot Ion: 43 Resp: 76003
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.6
70 10.7 8.7 13.1



#38
Carbon Tetrachloride
Concen: 20.195 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

Tgt Ion: 117 Resp: 70741
Ion Ratio Lower Upper
117 100
119 89.6 74.7 112.1
121 30.7 25.0 37.6

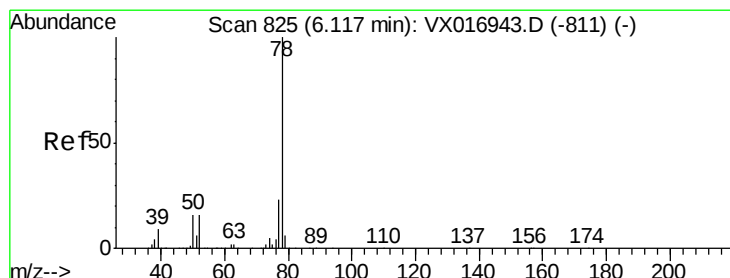
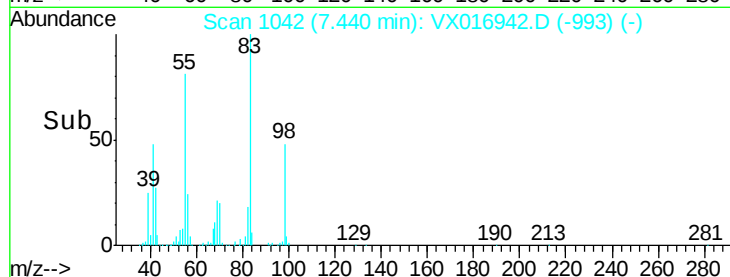
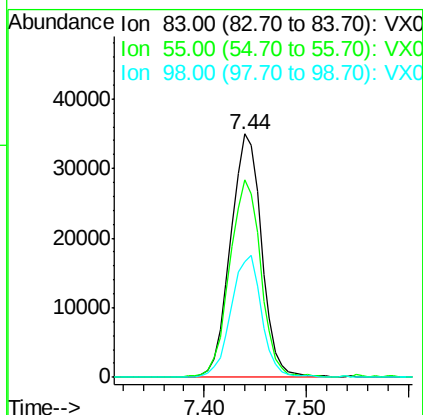
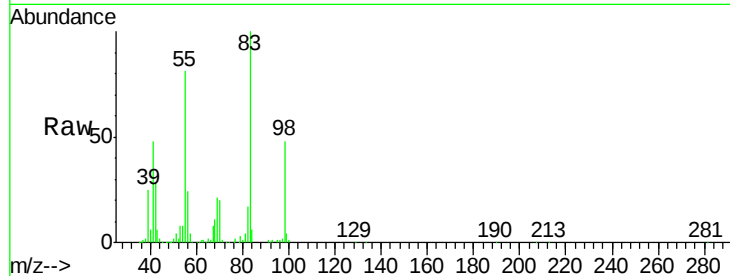




#39
Methvlcvclohexane
Concen: 20.533 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

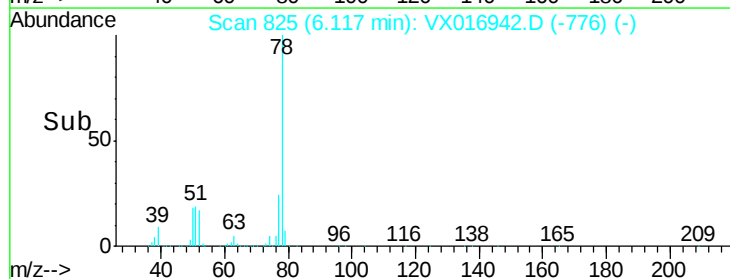
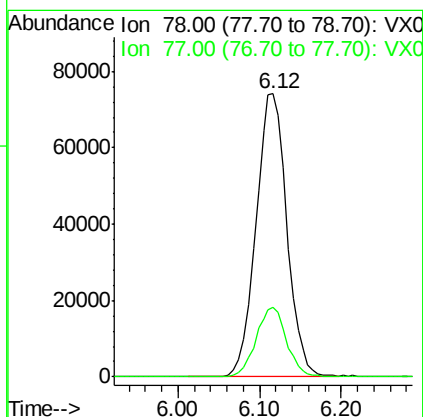
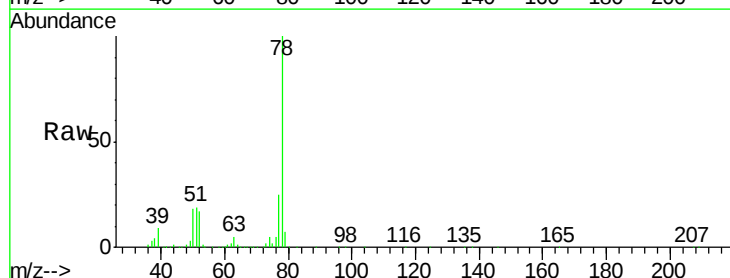
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

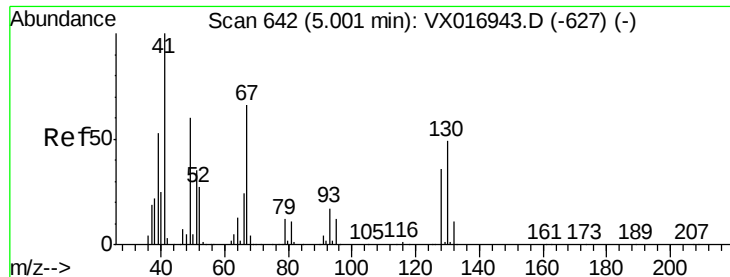
Tot Ion: 83 Resp: 73822
Ion Ratio Lower Upper
83 100
55 80.5 65.5 98.3
98 47.6 37.8 56.8



#40
Benzene
Concen: 20.771 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

Tgt Ion: 78 Resp: 195603
Ion Ratio Lower Upper
78 100
77 24.7 18.2 27.2





#41

Methacrylonitrile

Concen: 26.316 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 41 Resp: 41405

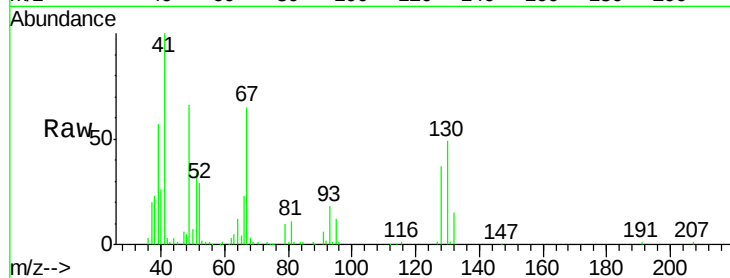
Ion Ratio Lower Upper

41 100

39 55.6 43.4 65.0

67 70.7 55.6 83.4

52 29.1 23.0 34.6

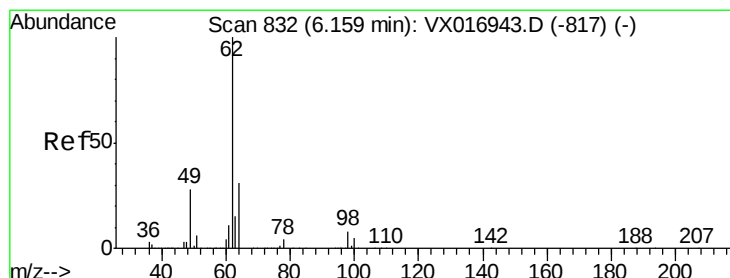
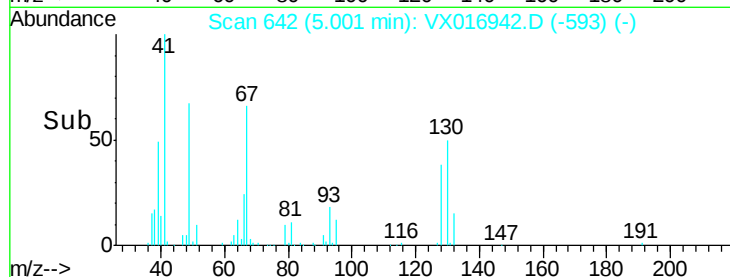
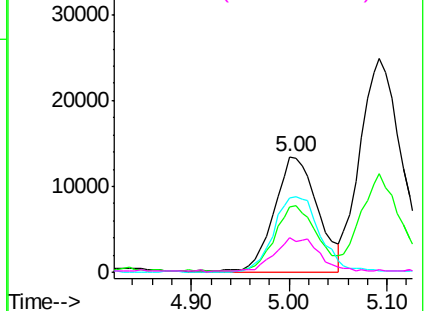


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.765 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX016942.D

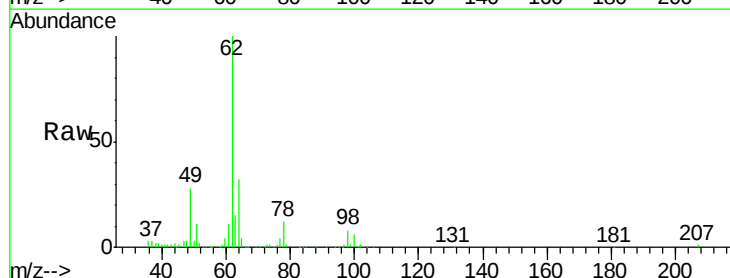
Acq: 24 Jun 2020 11:38

Tgt Ion: 62 Resp: 70786

Ion Ratio Lower Upper

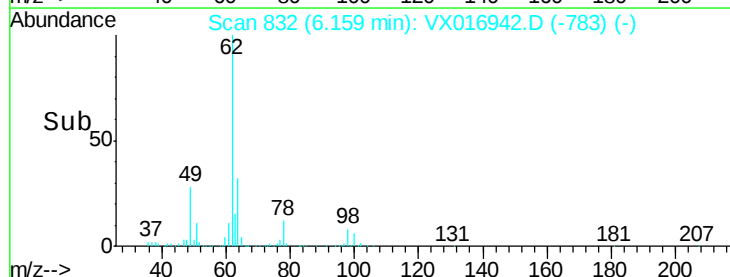
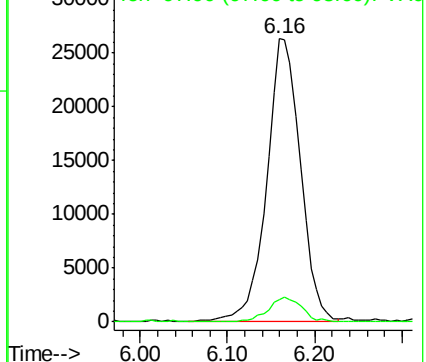
62 100

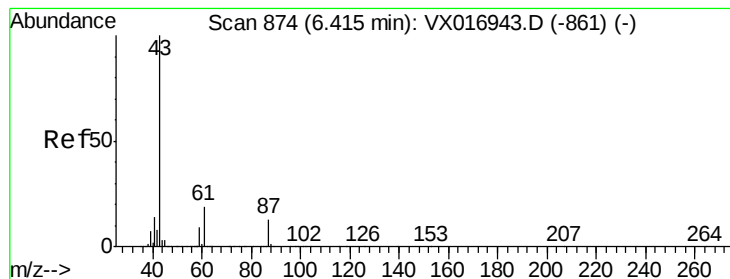
98 8.7 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



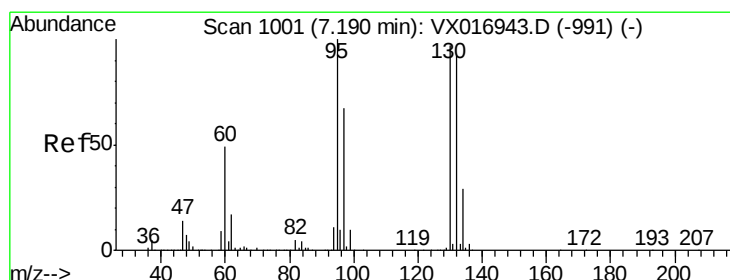
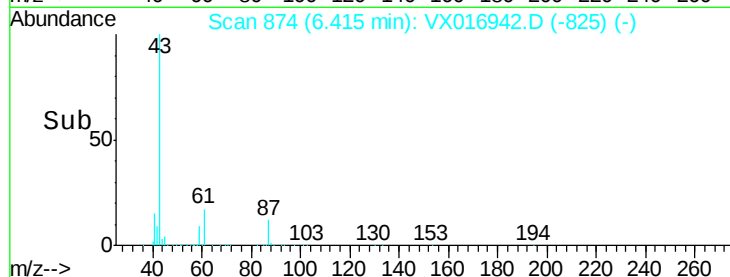
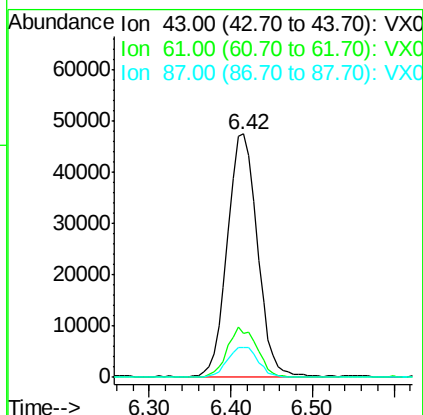
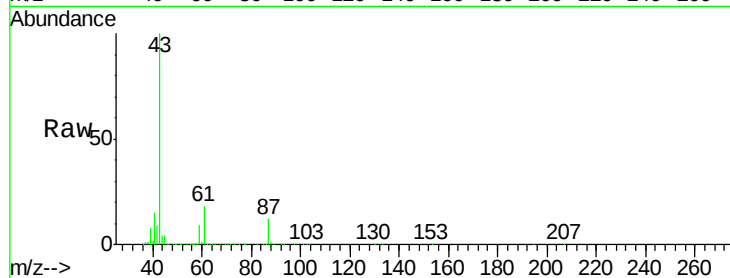


#43

Isopropyl Acetate
 Concen: 24.202 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX016942.D
 Acq: 24 Jun 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

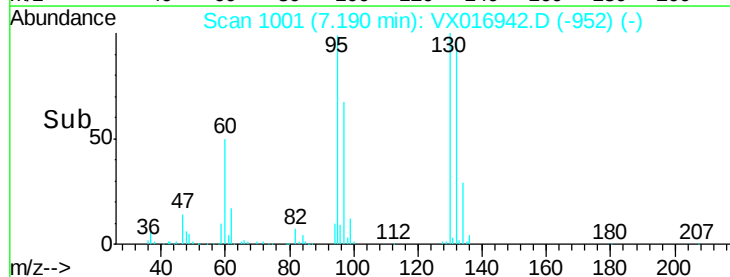
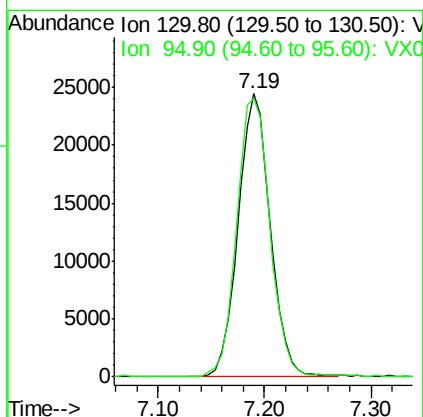
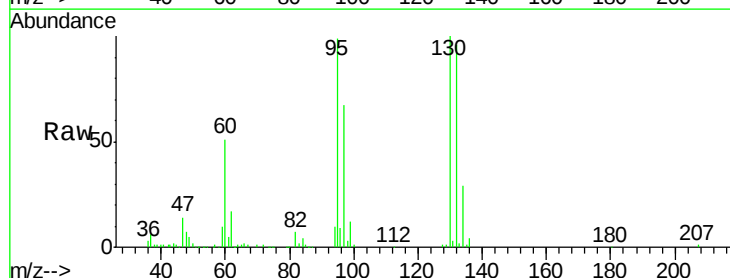
Tot Ion	43	Resp	120216
Ion Ratio	Lower	Upper	
43	100		
61	20.6	15.1	22.7
87	12.9	10.2	15.2

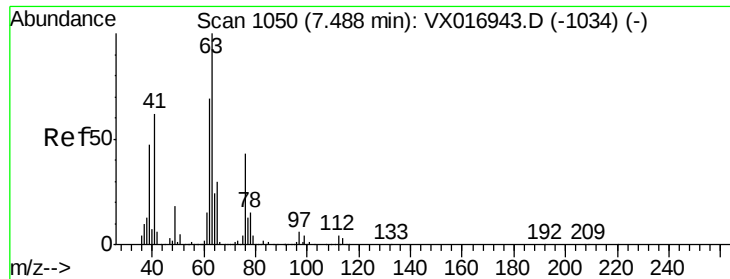


#44

Trichloroethene
 Concen: 18.945 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016942.D
 Acq: 24 Jun 2020 11:38

Tgt Ion	130	Resp	51735
Ion Ratio	Lower	Upper	
130	100		
95	98.3	0.0	206.2





#45

1,2-Dichloropropane

Concen: 19.749 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

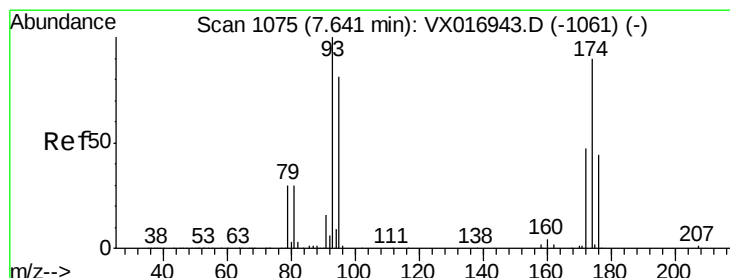
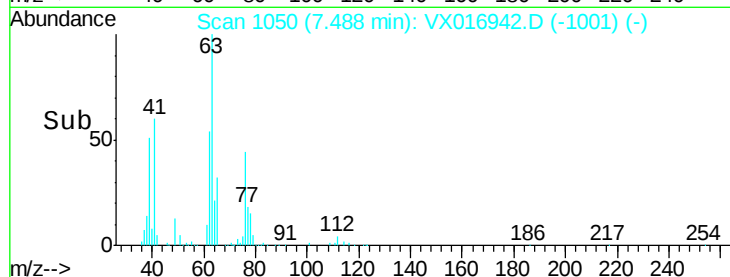
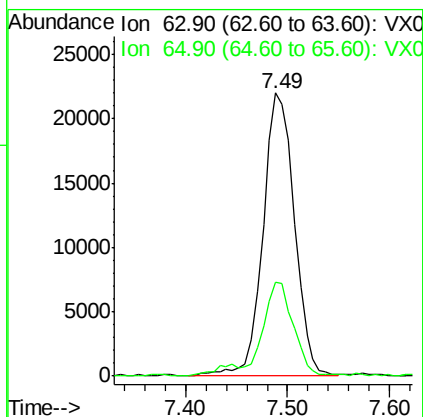
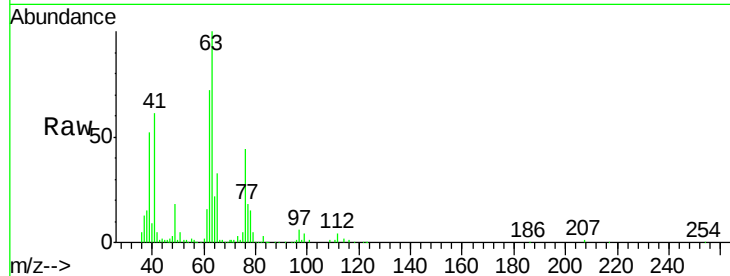
VSTDIC020

Tot Ion: 63 Resp: 47103

Ion Ratio Lower Upper

63 100

65 32.6 24.3 36.5



#46

Dibromomethane

Concen: 22.322 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

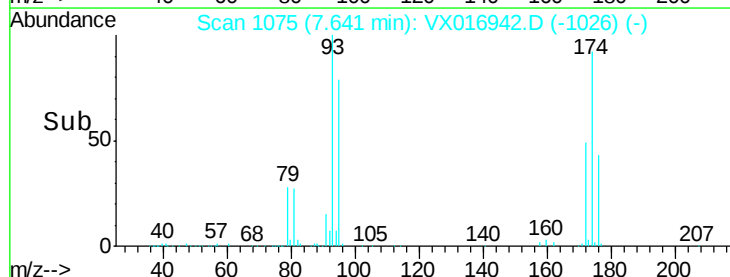
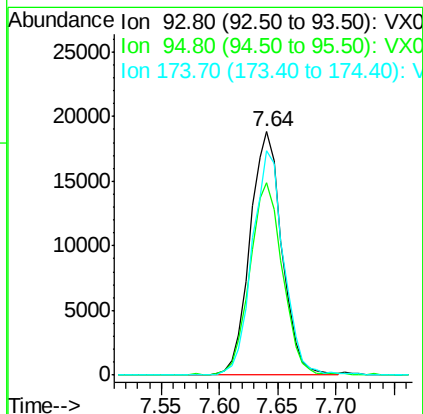
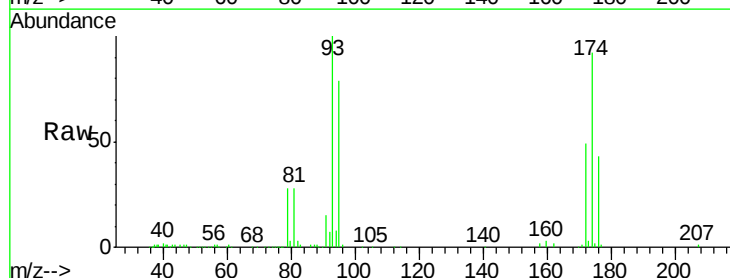
Tgt Ion: 93 Resp: 36052

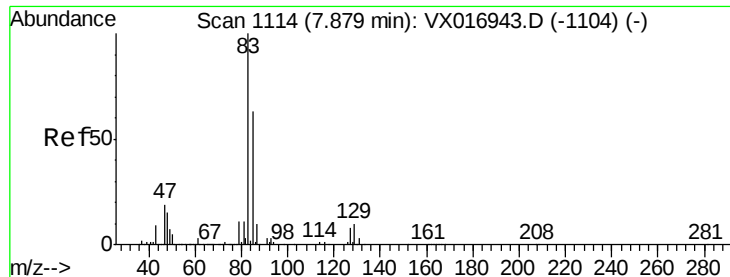
Ion Ratio Lower Upper

93 100

95 79.4 66.2 99.4

174 90.5 71.9 107.9





#47

Bromodichloromethane

Concen: 20.980 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

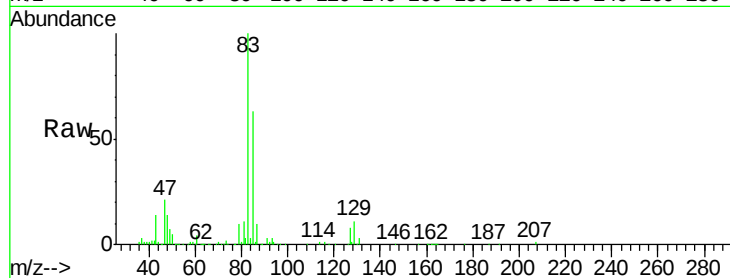
Tot Ion: 83 Resp: 72231

Ion Ratio Lower Upper

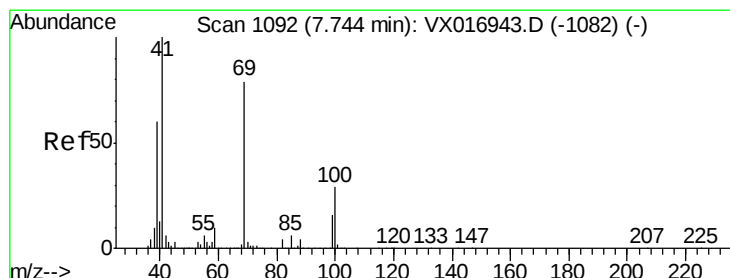
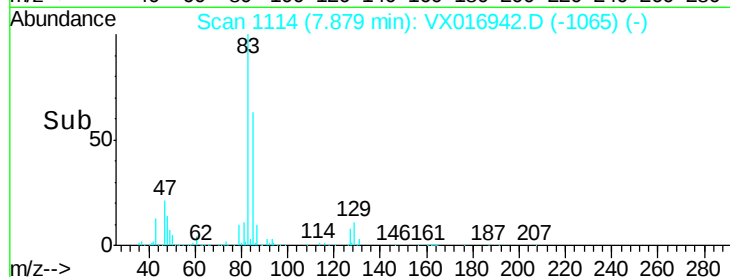
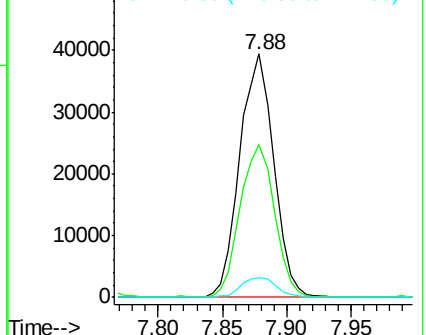
83 100

85 62.9 50.4 75.6

127 8.0 6.3 9.5



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: 24.067 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

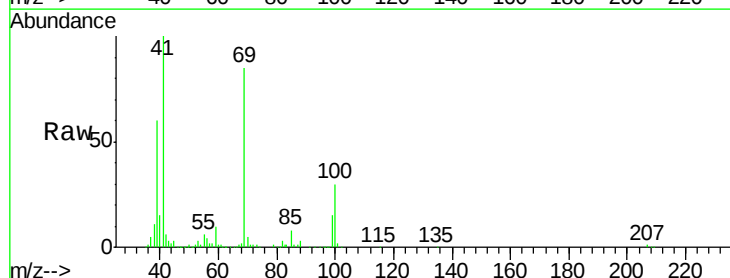
Tgt Ion: 41 Resp: 57156

Ion Ratio Lower Upper

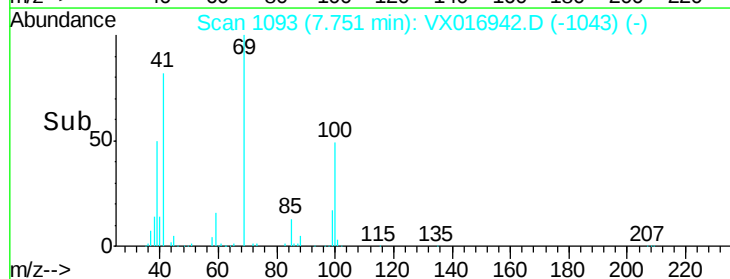
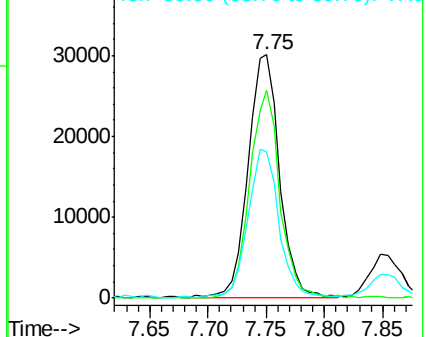
41 100

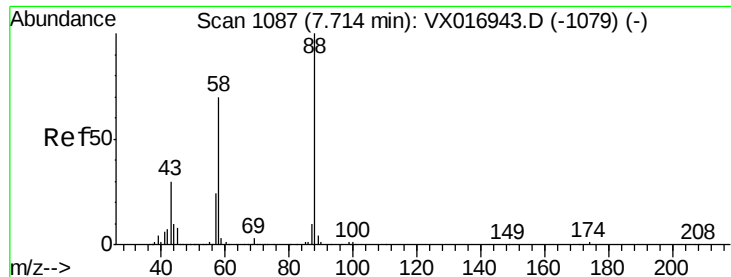
69 80.4 62.3 93.5

39 59.4 48.4 72.6



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

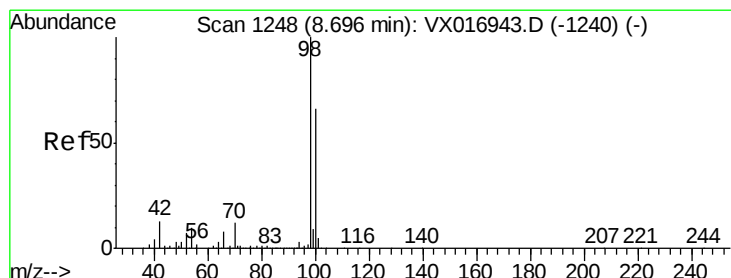
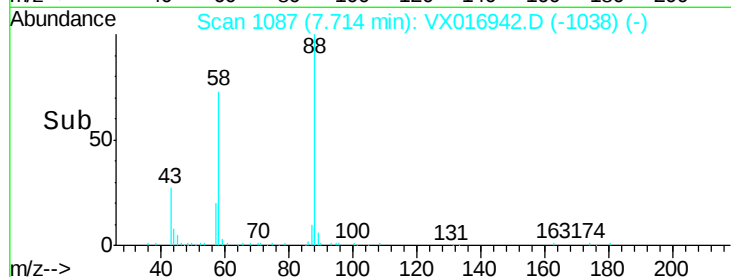
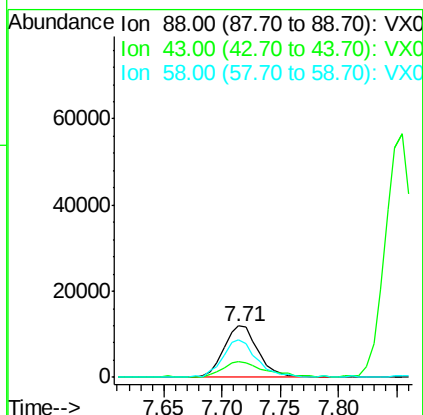
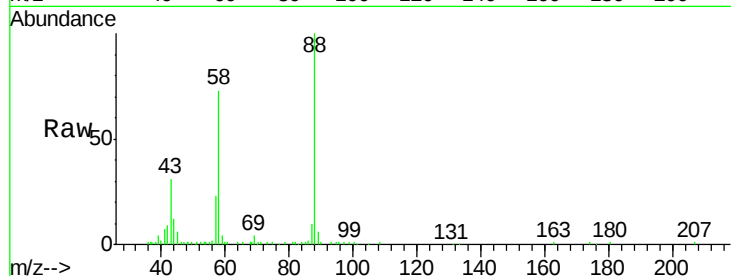




#49
1,4-Dioxane
Concen: 476.291 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

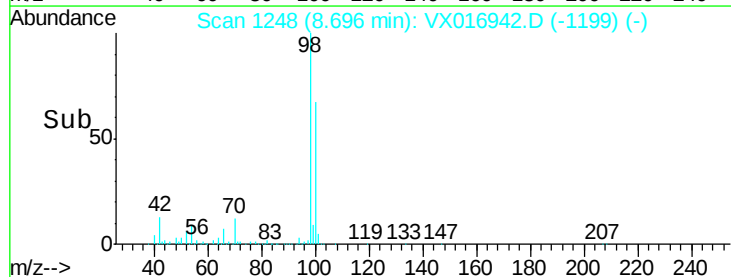
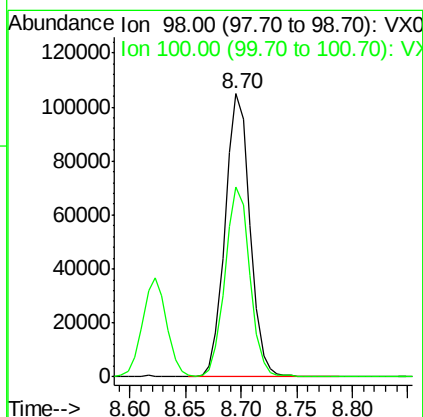
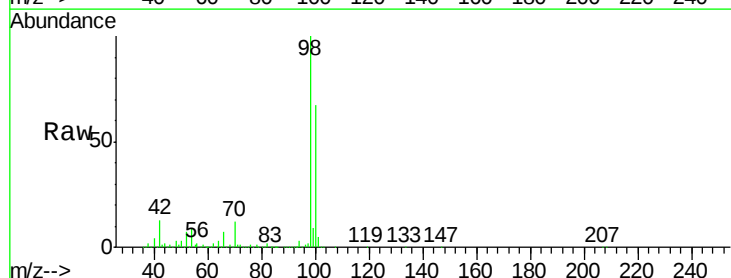
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

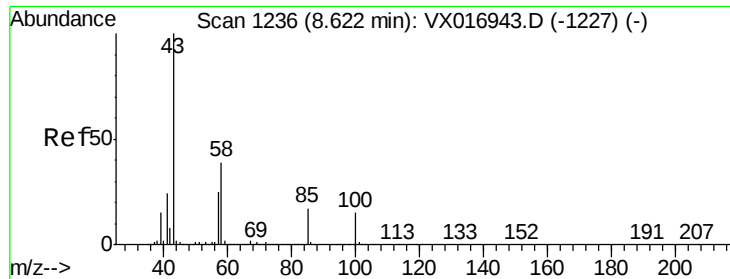
Tot Ion: 88 Resp: 24685
Ion Ratio Lower Upper
88 100
43 37.7 28.8 43.2
58 74.0 58.4 87.6



#50
Toluene-d8
Concen: 18.978 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

Tgt Ion: 98 Resp: 162316
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7

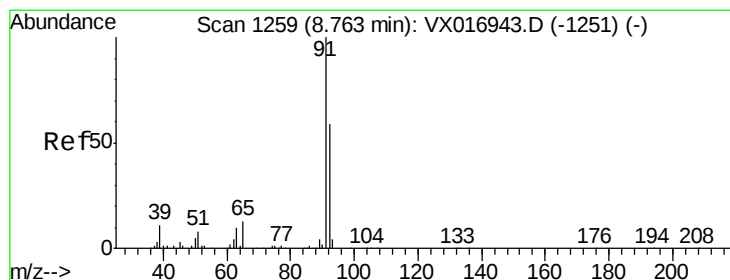
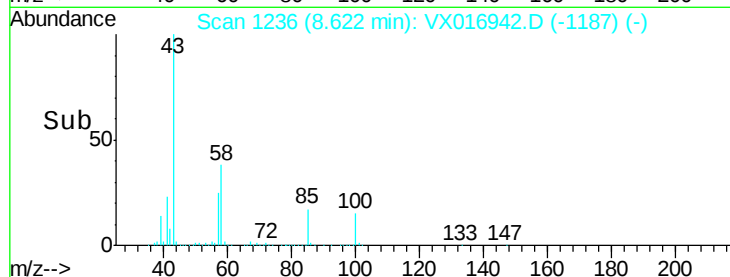
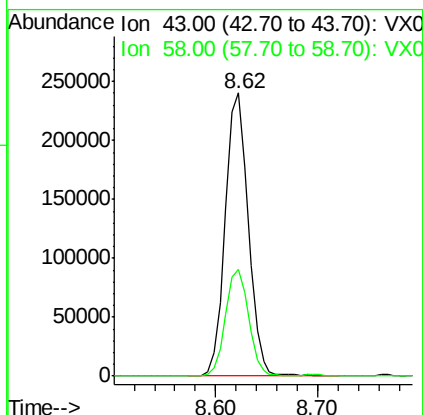
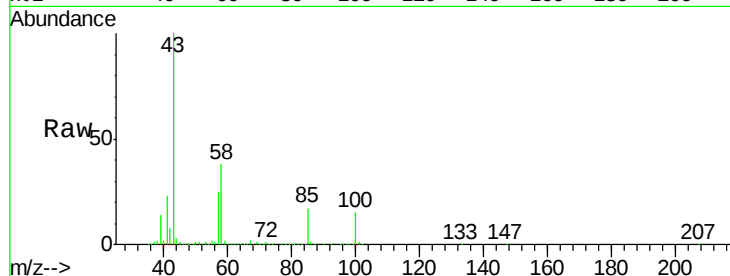




#51
4-Methyl-2-Pentanone
Concen: 124.795 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

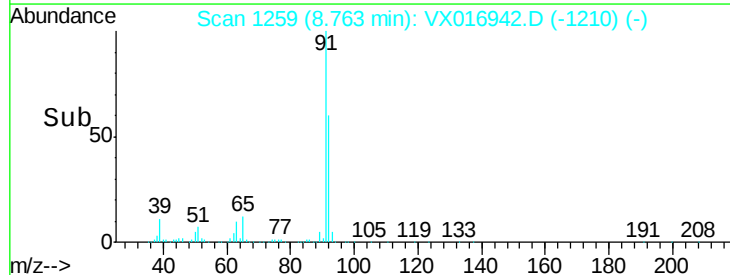
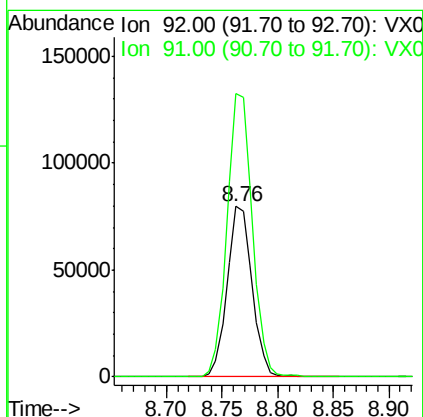
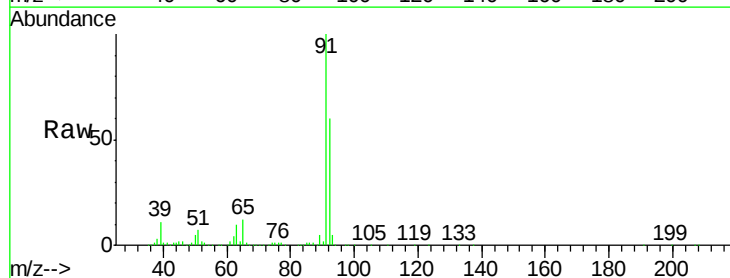
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

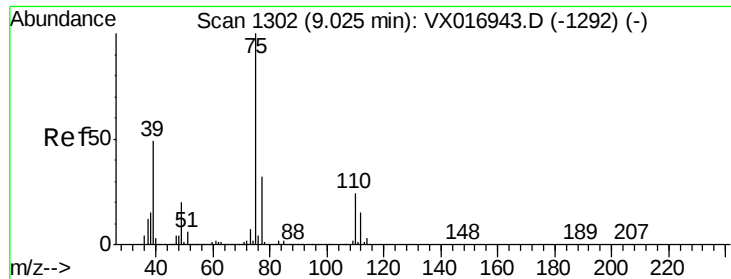
Tot Ion: 43 Resp: 375411
Ion Ratio Lower Upper
43 100
58 38.1 30.7 46.1



#52
Toluene
Concen: 19.887 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

Tgt Ion: 92 Resp: 123481
Ion Ratio Lower Upper
92 100
91 169.4 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 21.493 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

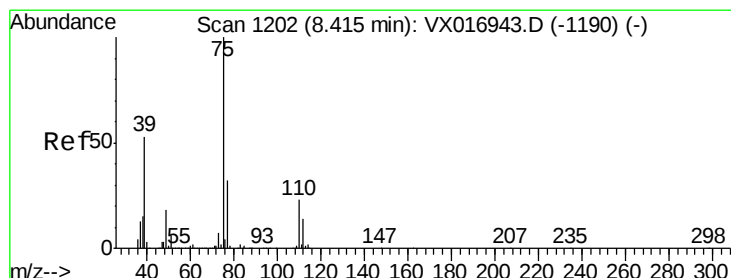
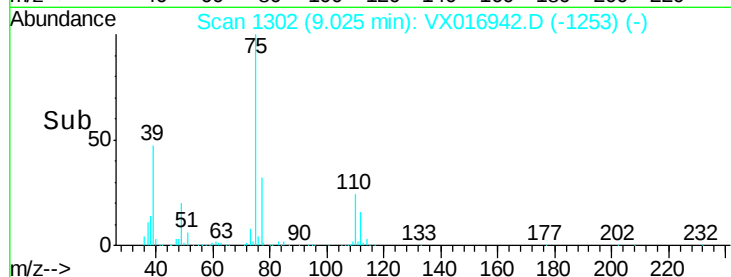
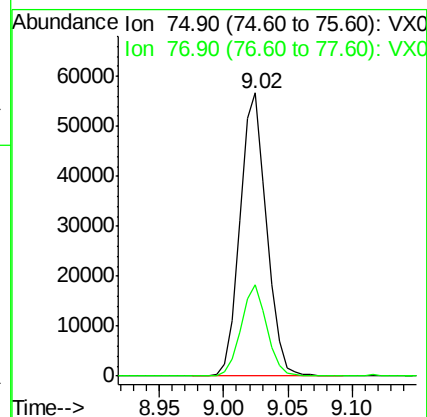
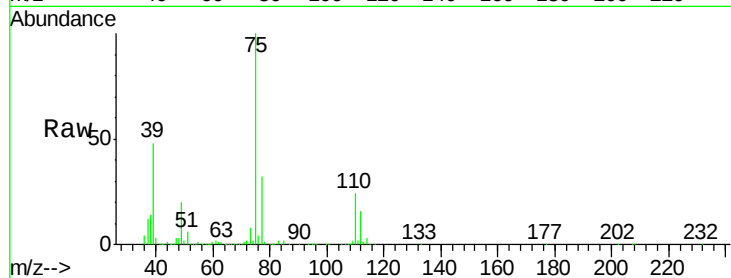
VSTDIC020

Tot Ion: 75 Resp: 81243

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 21.132 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

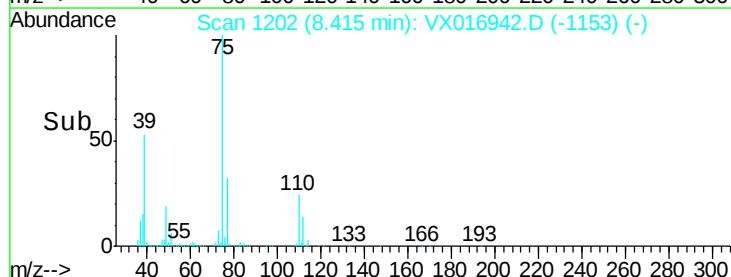
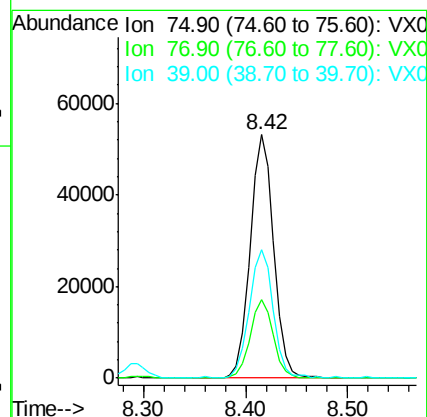
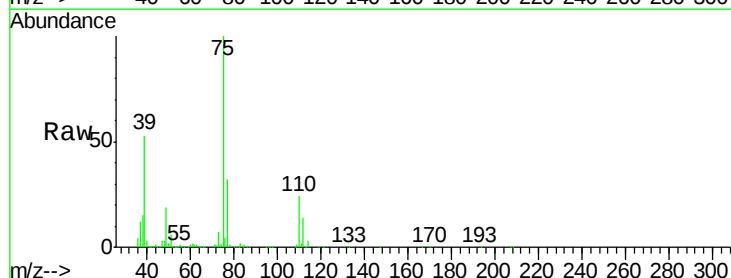
Tgt Ion: 75 Resp: 85228

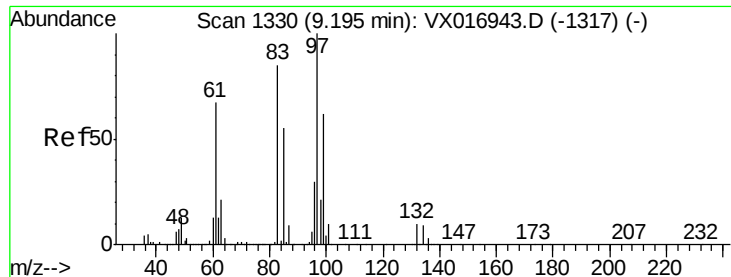
Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

39 52.4 42.6 64.0

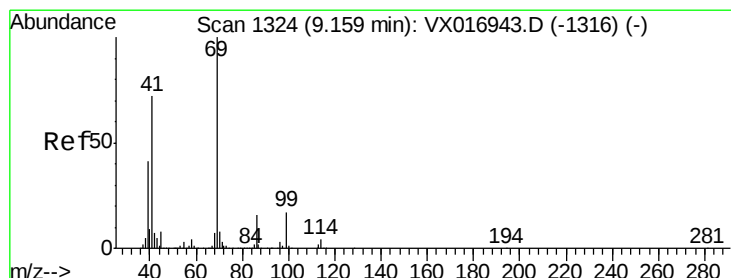
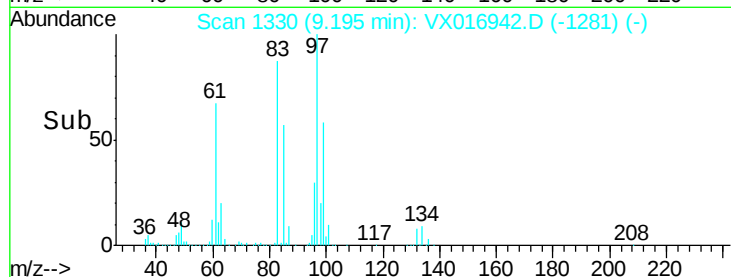
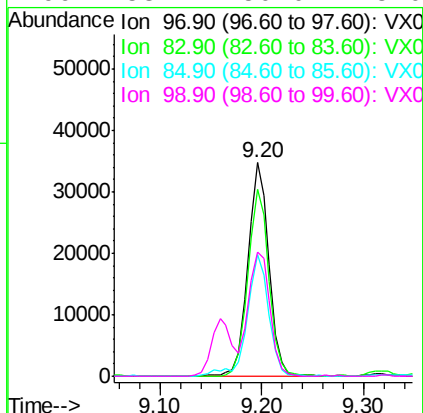
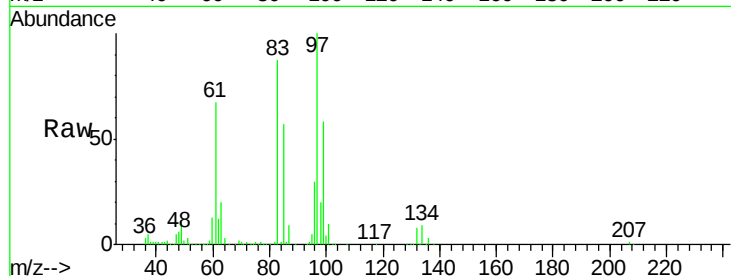




#55
 1,1,2-Trichloroethane
 Concen: 21.535 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016942.D
 Acq: 24 Jun 2020 11:38

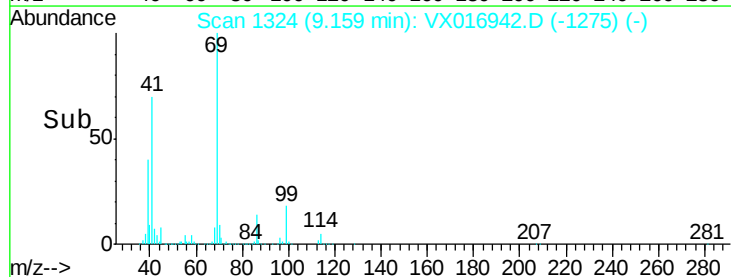
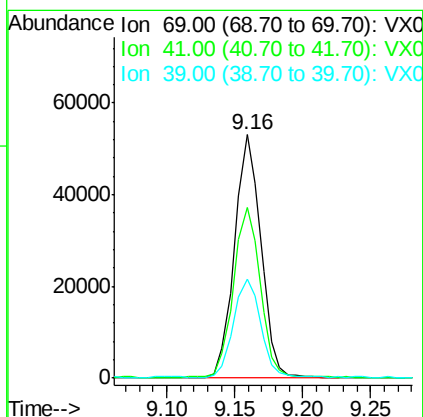
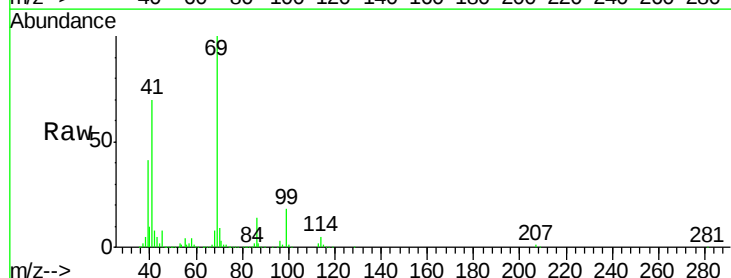
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

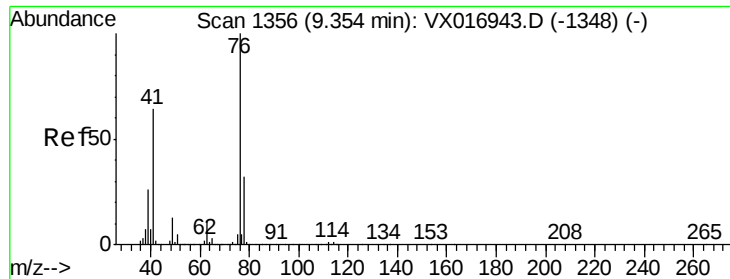
Tot Ion:	97	Resp:	49991
Ion	Ratio	Lower	Upper
97	100		
83	87.3	68.2	102.4
85	56.6	44.3	66.5
99	58.1	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 21.458 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016942.D
 Acq: 24 Jun 2020 11:38

Tgt Ion:	69	Resp:	72320
Ion	Ratio	Lower	Upper
69	100		
41	70.3	57.0	85.4
39	41.5	33.1	49.7





#57

1,3-Dichloropropane

Concen: 21.314 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

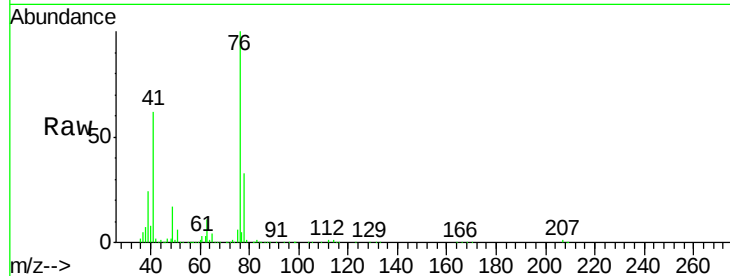
VSTDIC020

Tot Ion: 76 Resp: 84642

Ion Ratio Lower Upper

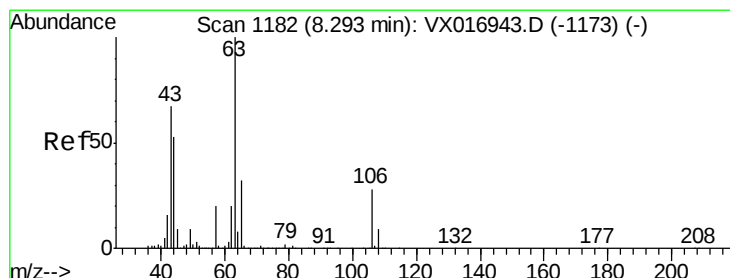
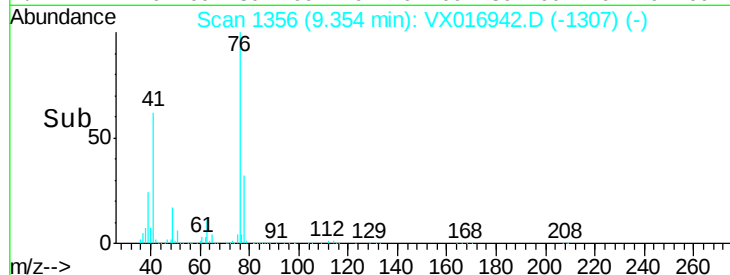
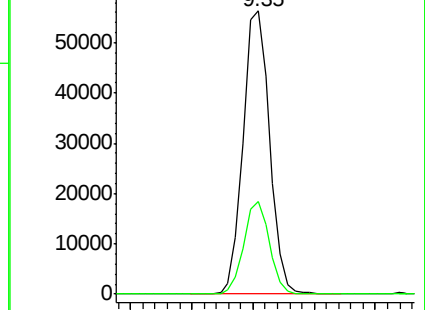
76 100

78 31.9 25.4 38.0



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: 120.937 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016942.D

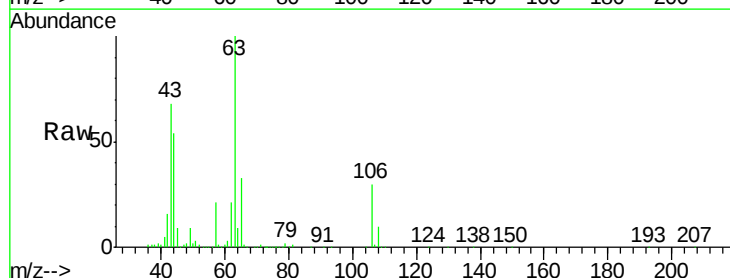
Acq: 24 Jun 2020 11:38

Tgt Ion: 63 Resp: 197507

Ion Ratio Lower Upper

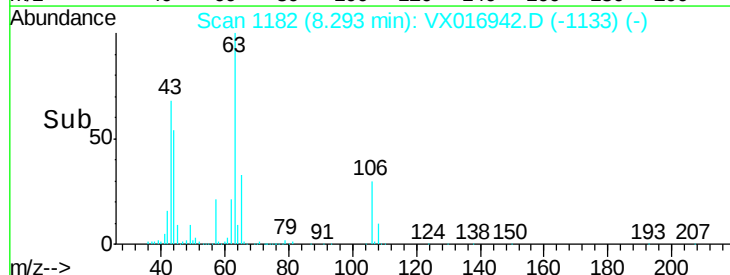
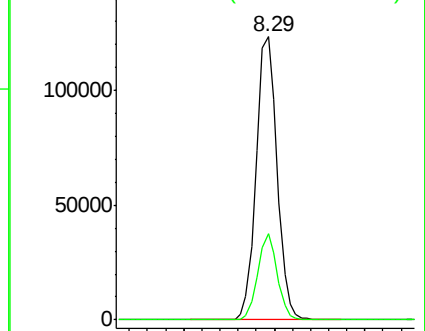
63 100

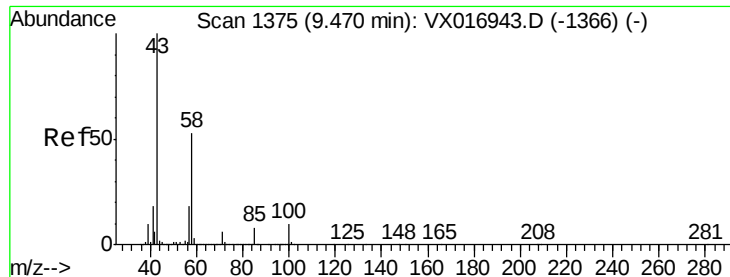
106 28.5 22.0 33.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

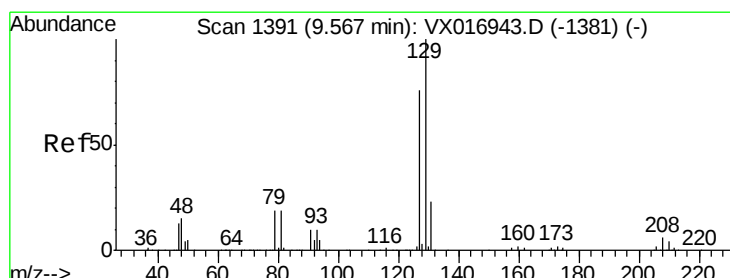
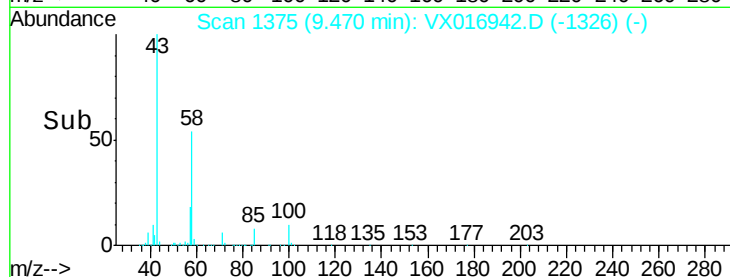
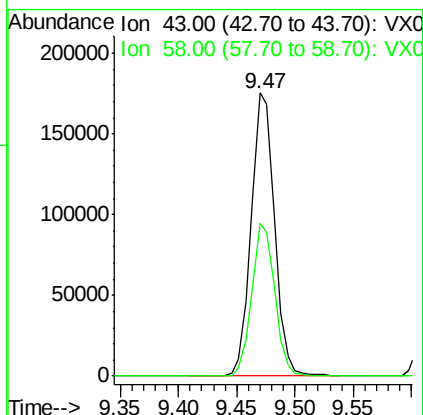
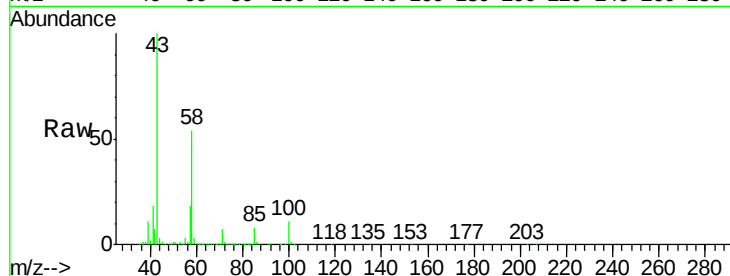




#59
2-Hexanone
Concen: 112.288 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

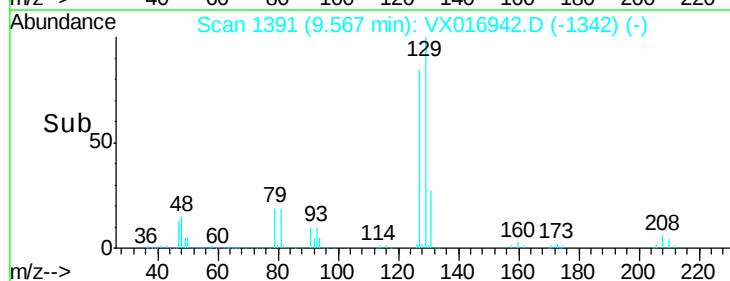
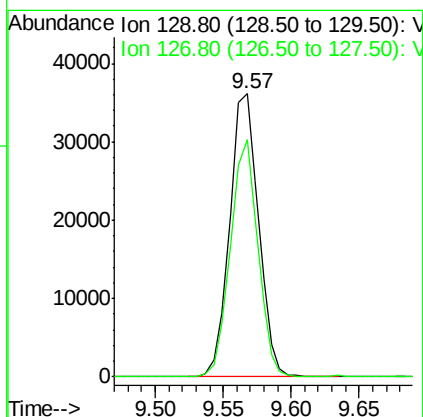
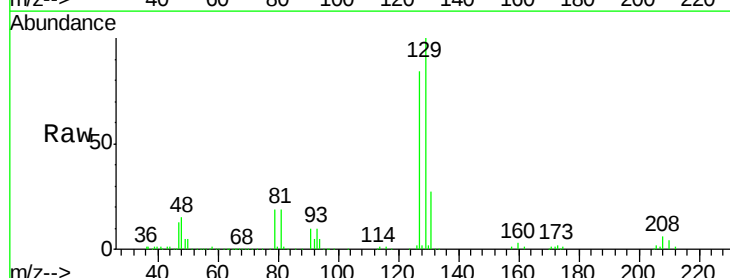
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

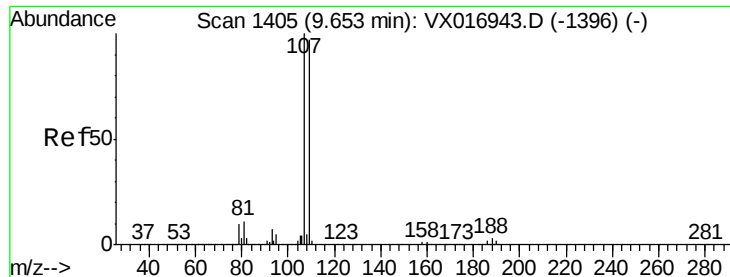
Tot Ion: 43 Resp: 245606
Ion Ratio Lower Upper
43 100
58 53.6 26.8 80.4



#60
Dibromochloromethane
Concen: 19.298 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

Tgt Ion: 129 Resp: 53416
Ion Ratio Lower Upper
129 100
127 79.8 39.1 117.5

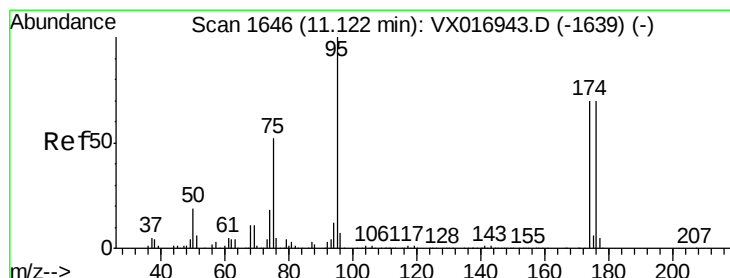
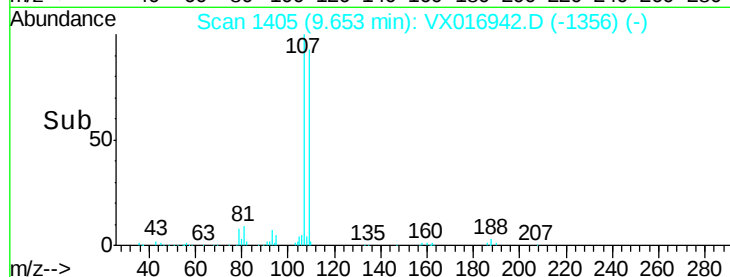
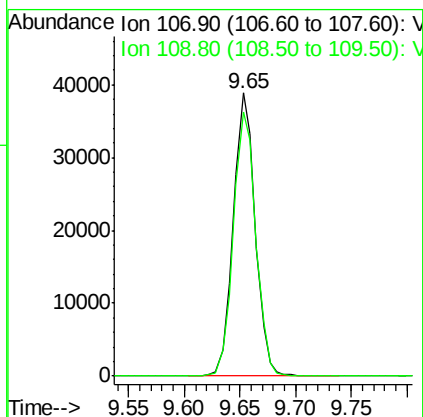
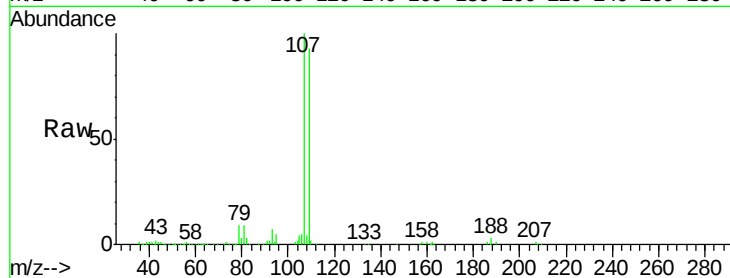




#61
 1,2-Dibromoethane
 Concen: 20.841 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016942.D
 Acq: 24 Jun 2020 11:38

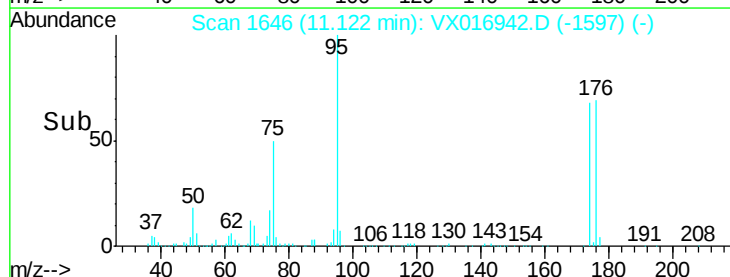
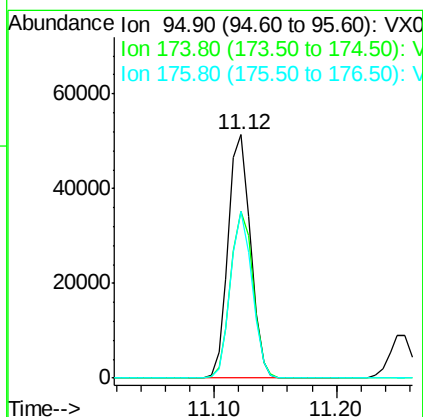
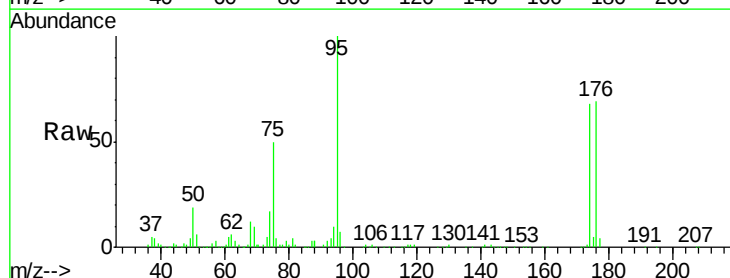
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

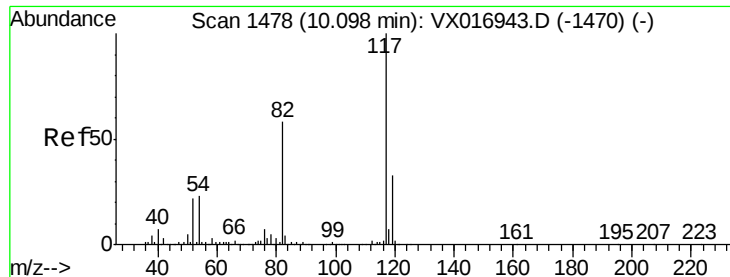
Tot Ion: 107 Resp: 52939
 Ion Ratio Lower Upper
 107 100
 109 95.8 74.2 111.2



#62
 4-Bromofluorobenzene
 Concen: 19.519 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX016942.D
 Acq: 24 Jun 2020 11:38

Tgt Ion: 95 Resp: 65019
 Ion Ratio Lower Upper
 95 100
 174 69.2 0.0 142.0
 176 66.3 0.0 141.4

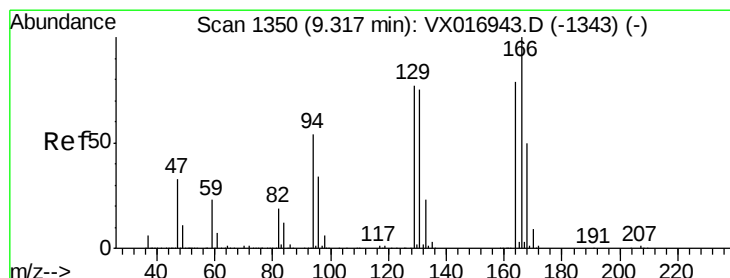
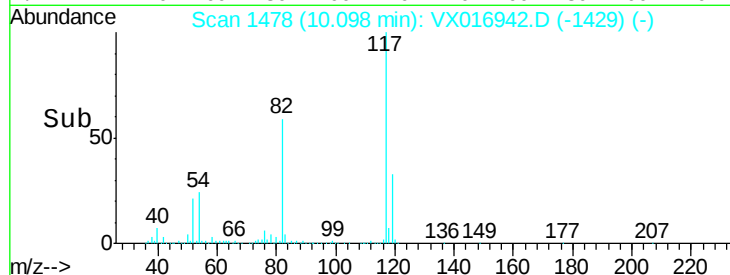
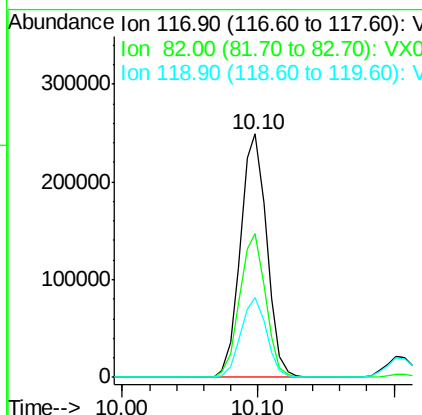
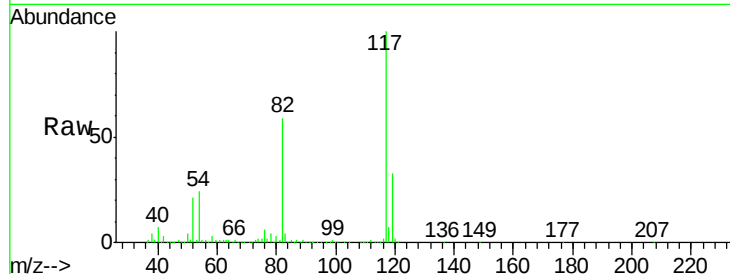




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

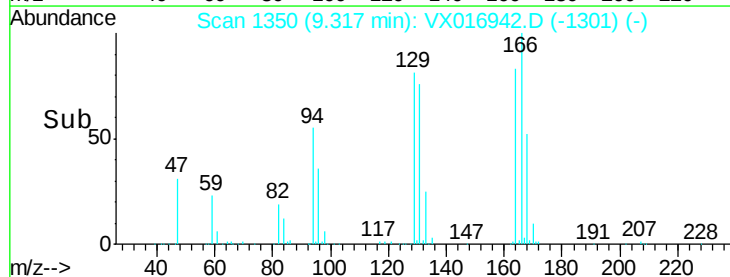
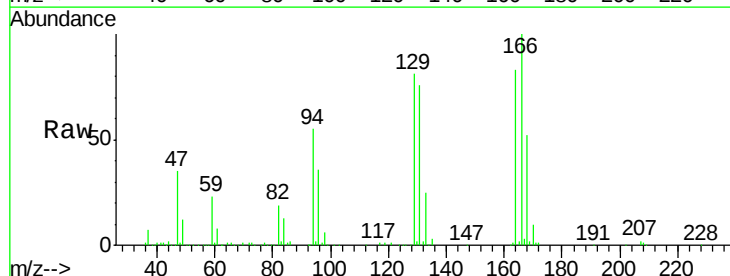
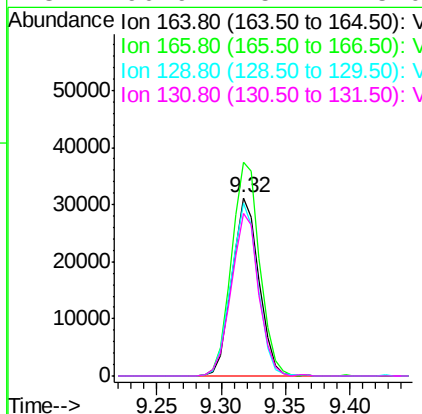
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

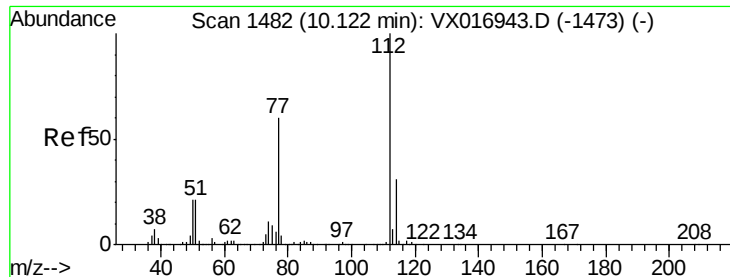
Tot Ion:117 Resp: 335715
Ion Ratio Lower Upper
117 100
82 58.8 46.7 70.1
119 32.9 26.4 39.6



#64
Tetrachloroethene
Concen: 15.148 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

Tgt Ion:164 Resp: 45736
Ion Ratio Lower Upper
164 100
166 119.7 101.0 151.6
129 96.7 78.2 117.2
131 90.9 75.4 113.0





#65

Chlorobenzene

Concen: 19.070 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampled :

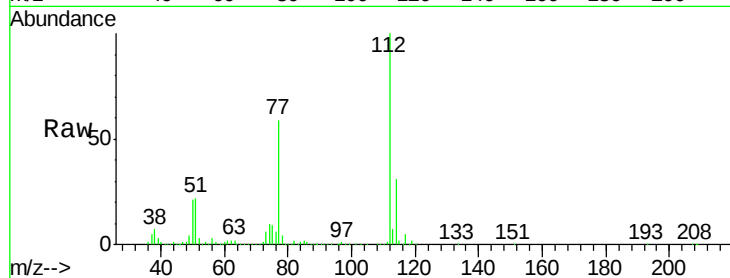
VSTDIC020

Tot Ion:112 Resp: 130742

Ion Ratio Lower Upper

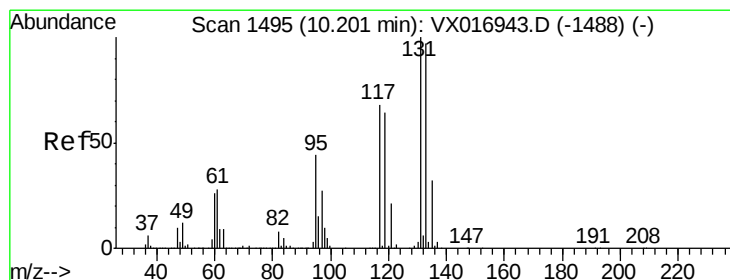
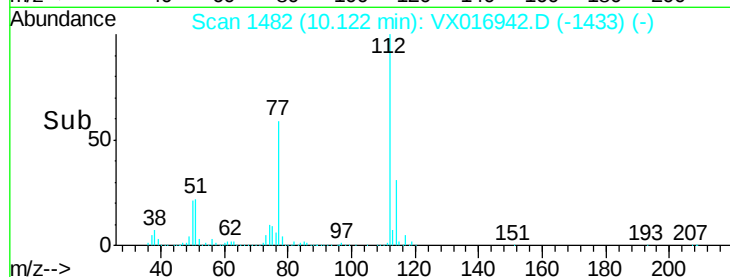
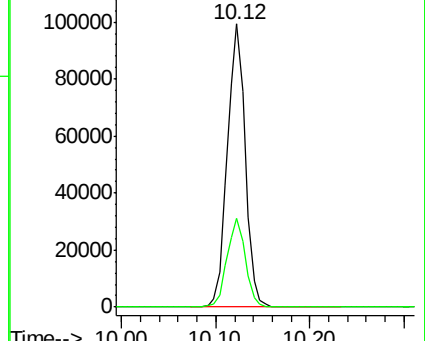
112 100

114 31.3 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 16.905 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

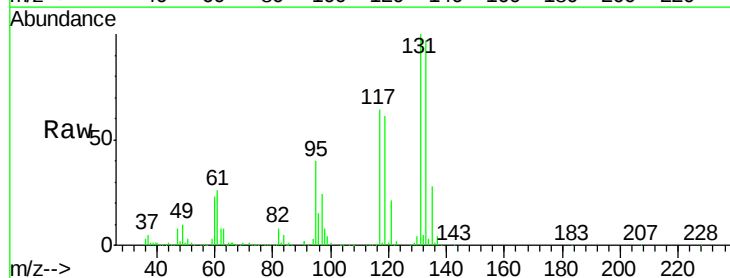
Tgt Ion:131 Resp: 45056

Ion Ratio Lower Upper

131 100

133 98.1 47.4 142.2

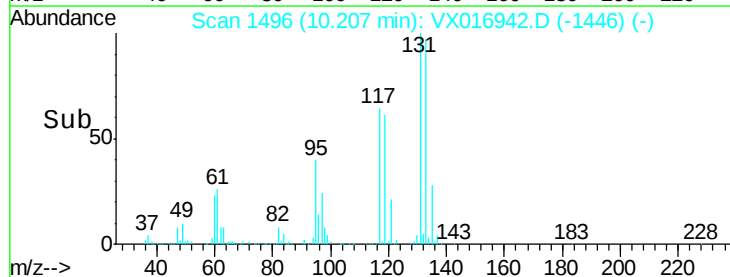
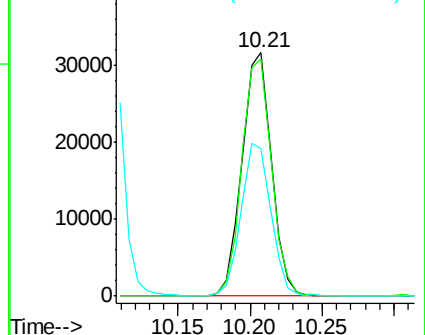
119 63.6 31.8 95.3

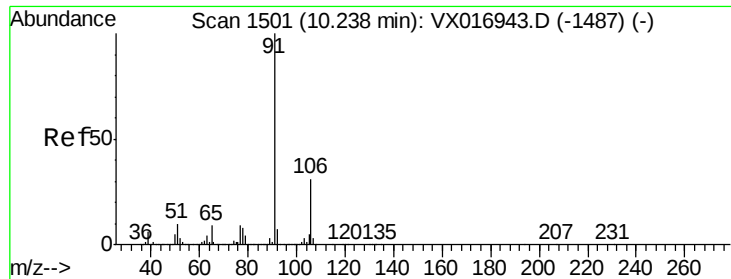


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

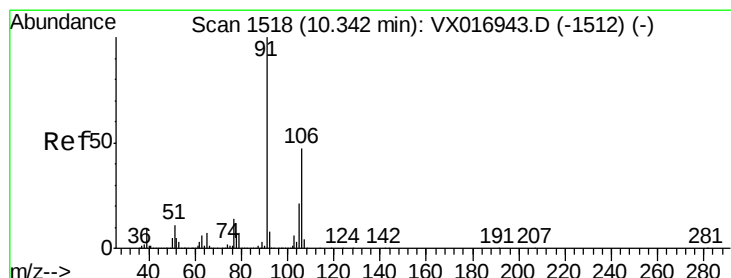
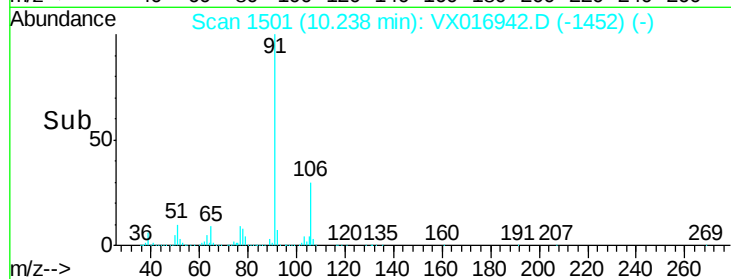
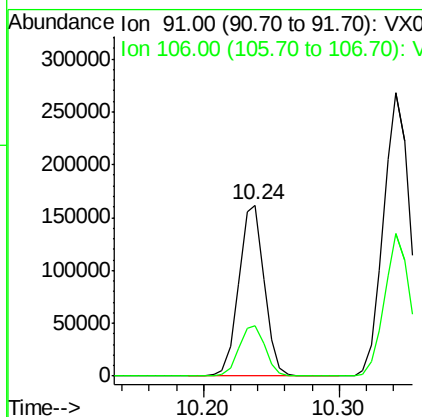
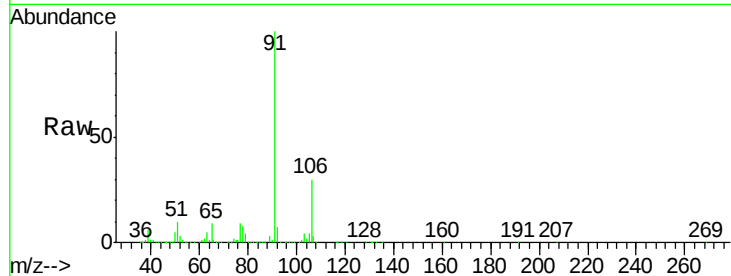




#67
Ethyl Benzene
Concen: 17.956 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

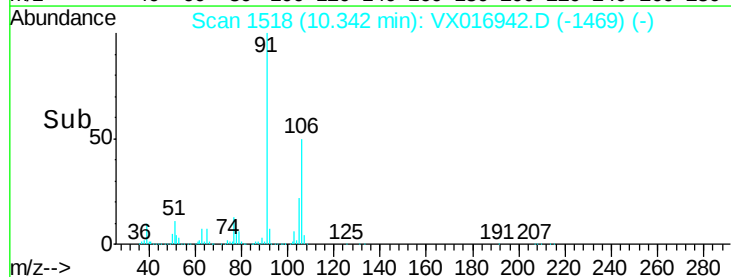
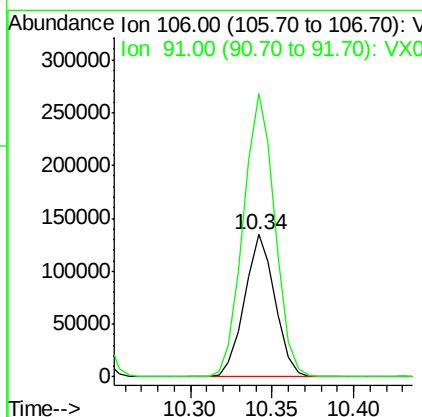
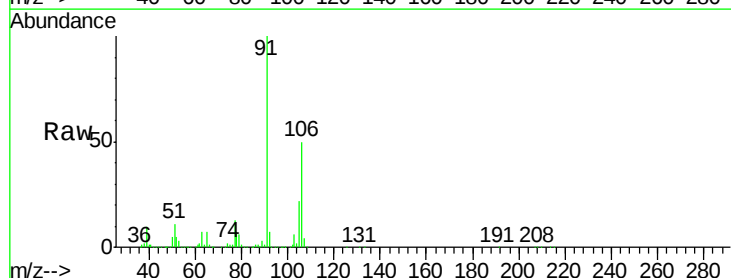
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

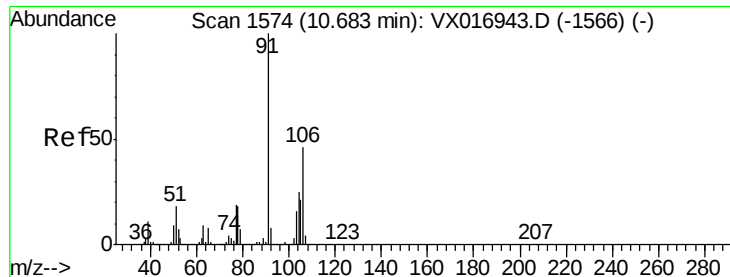
Tot Ion: 91 Resp: 211160
Ion Ratio Lower Upper
91 100
106 29.7 24.6 37.0



#68
m/p-Xylenes
Concen: 38.785 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

Tgt Ion: 106 Resp: 176306
Ion Ratio Lower Upper
106 100
91 205.2 167.2 250.8

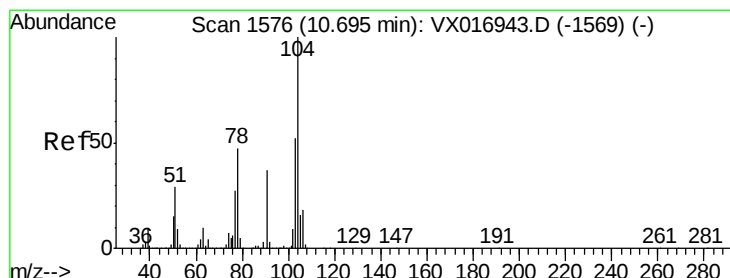
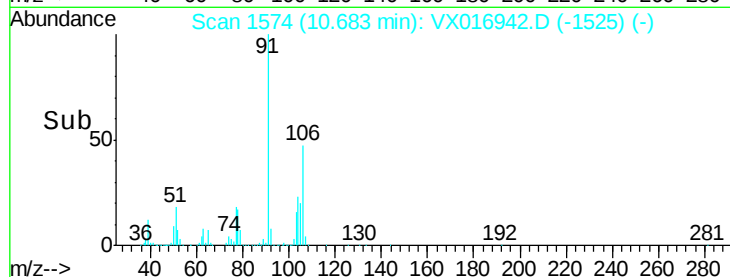
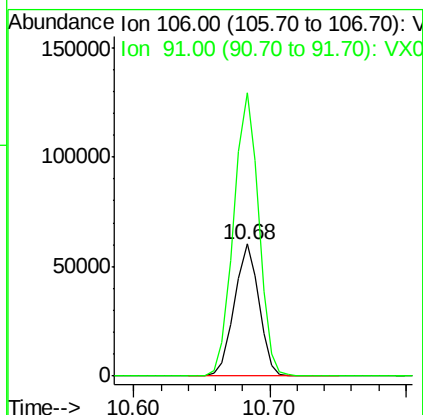
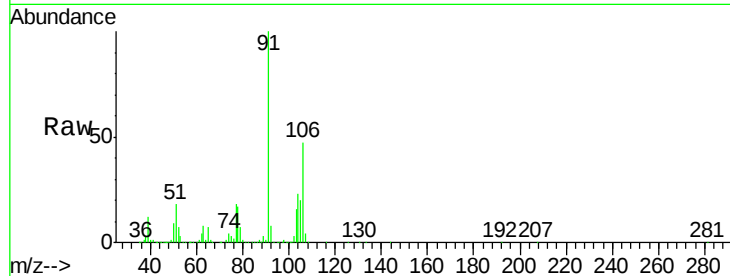




#69
o-Xylene
Concen: 17.989 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

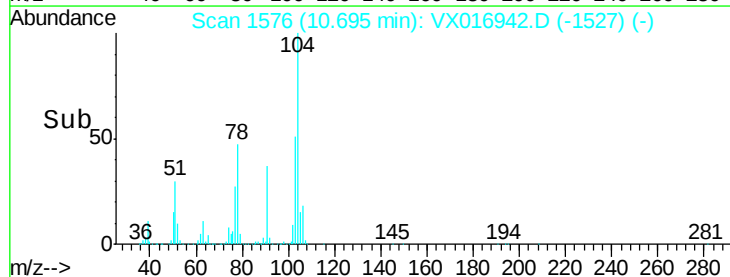
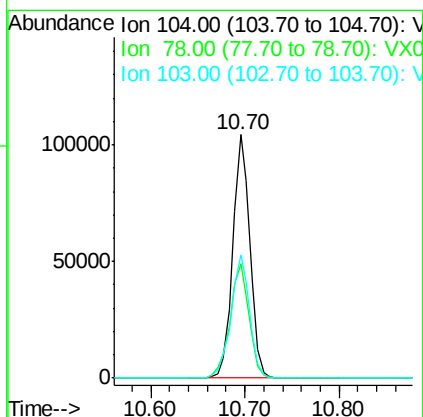
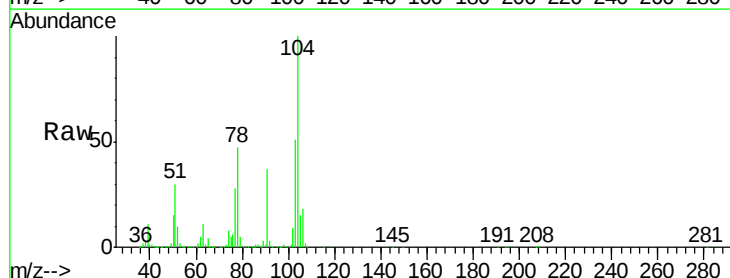
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

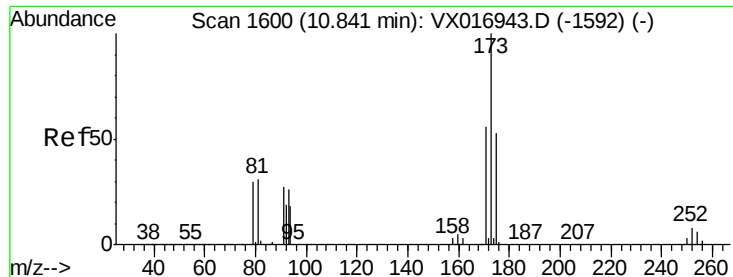
Tot Ion:106 Resp: 75922
Ion Ratio Lower Upper
106 100
91 218.3 109.6 328.6



#70
Styrene
Concen: 18.306 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

Tgt Ion:104 Resp: 131622
Ion Ratio Lower Upper
104 100
78 52.3 42.3 63.5
103 54.5 43.8 65.6





#71

Bromoform

Concen: 14.682 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

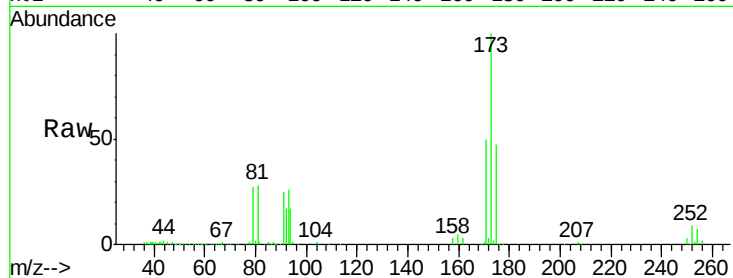
Tot Ion:173 Resp: 32566

Ion Ratio Lower Upper

173 100

175 48.7 24.9 74.6

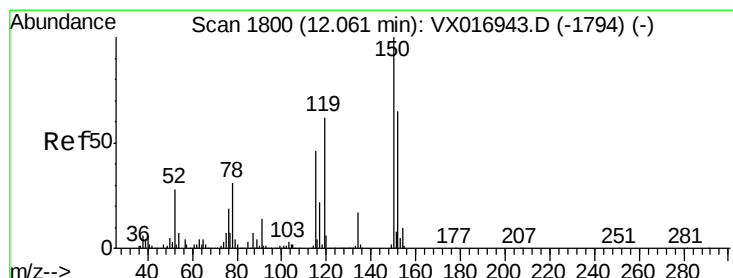
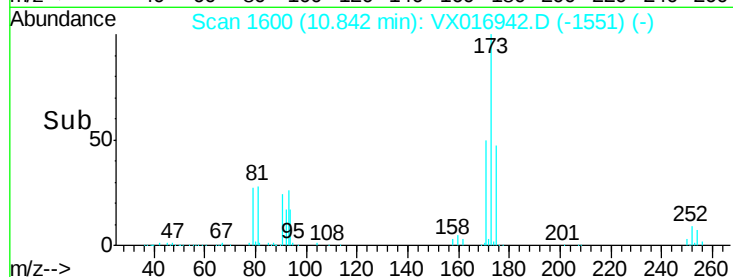
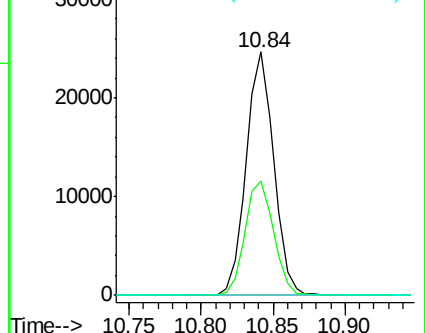
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

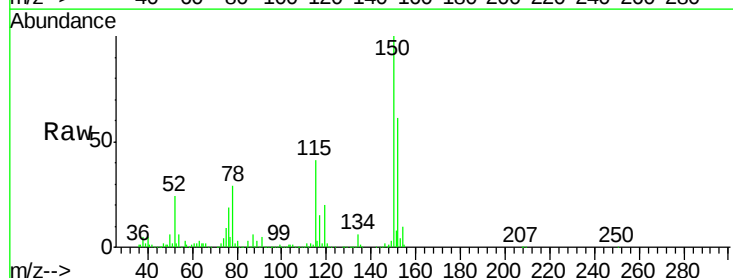
Tgt Ion:152 Resp: 156196

Ion Ratio Lower Upper

152 100

115 72.3 43.4 130.2

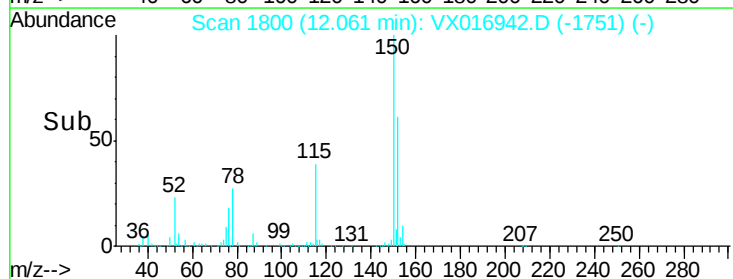
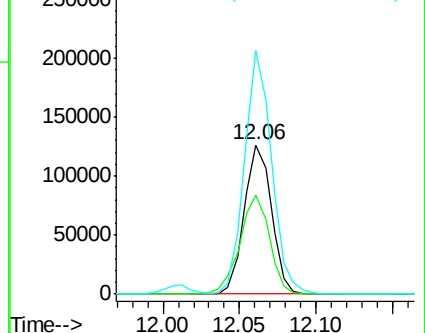
150 162.0 0.0 343.6

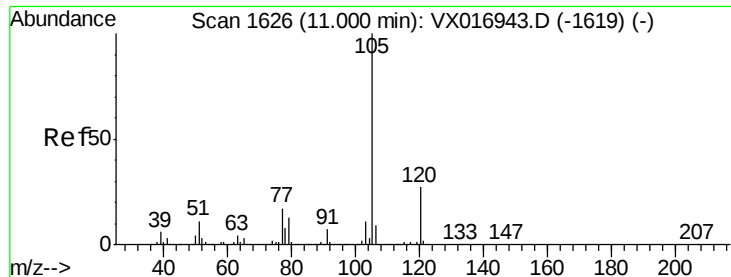


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.947 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

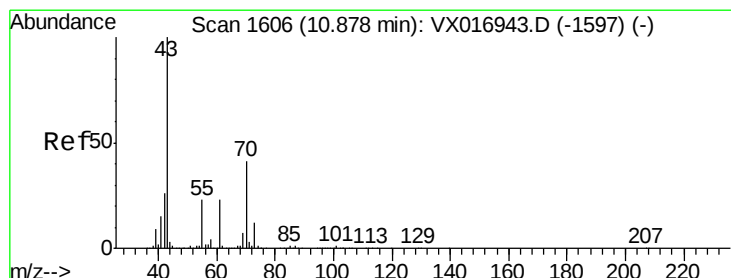
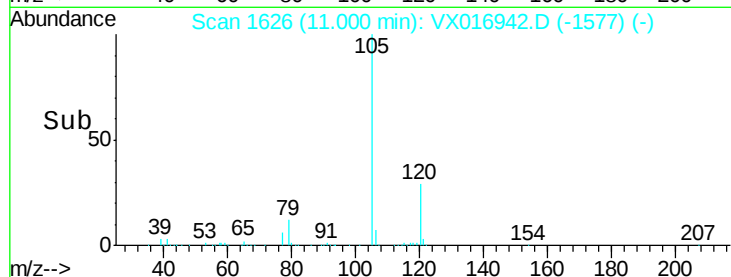
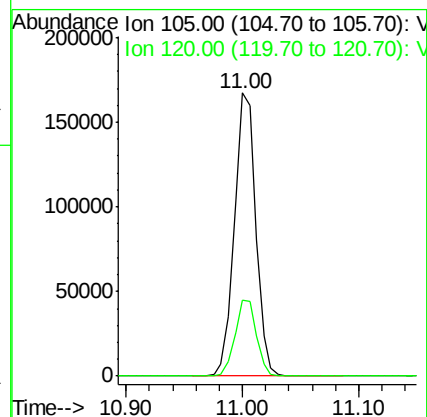
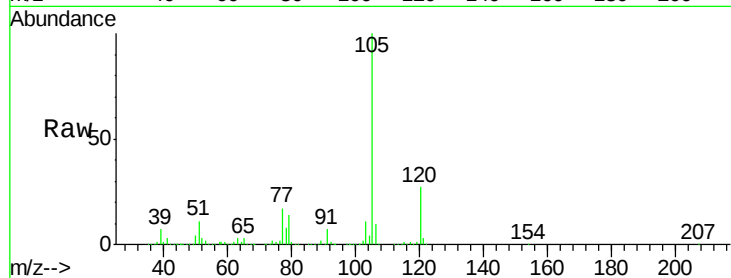
VSTDIC020

Tot Ion:105 Resp: 214084

Ion Ratio Lower Upper

105 100

120 27.0 13.2 39.5



#74

N-ethyl acetate

Concen: 25.099 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Tgt Ion: 43 Resp: 96152

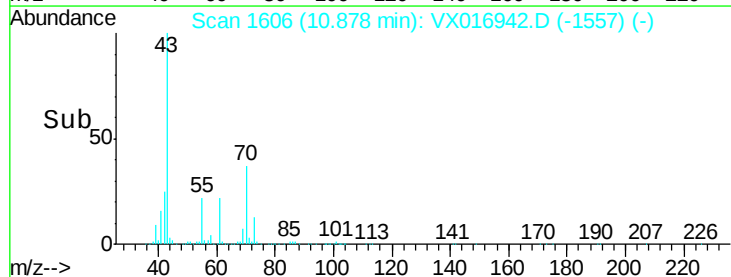
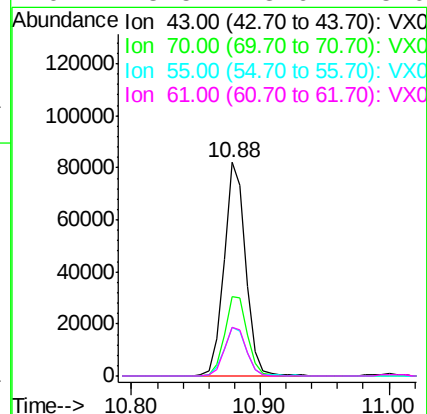
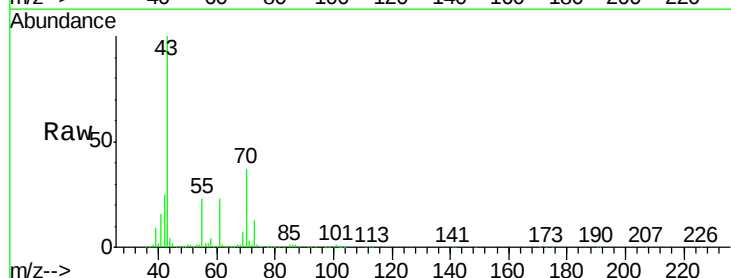
Ion Ratio Lower Upper

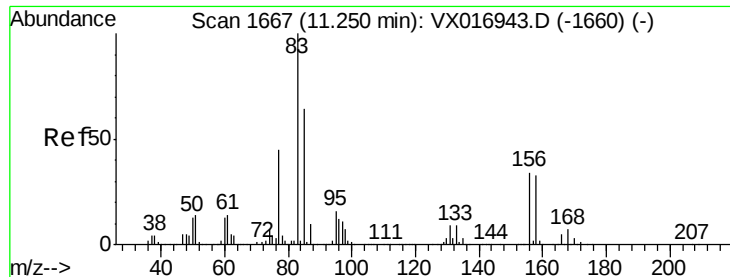
43 100

70 39.3 33.0 49.4

55 23.7 19.0 28.4

61 23.5 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 23.245 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

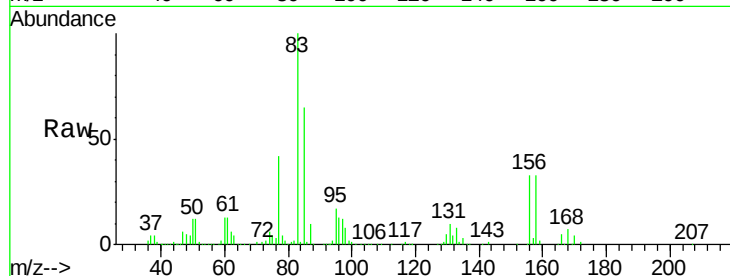
Tot Ion: 83 Resp: 69288

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

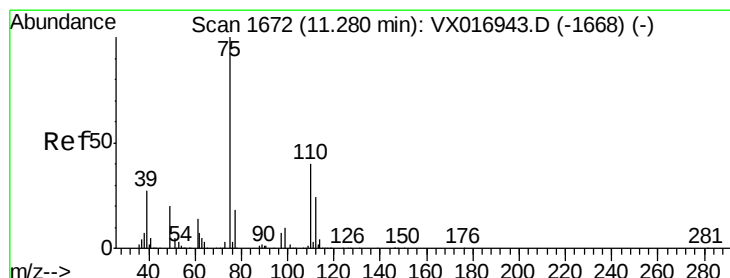
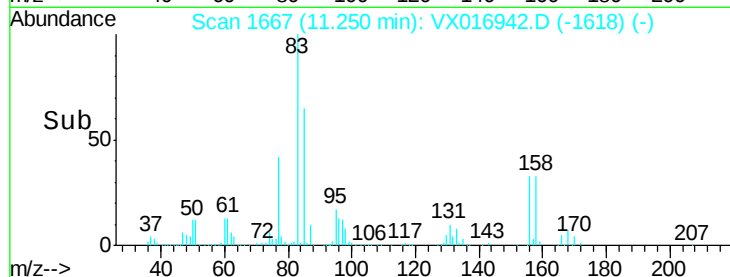
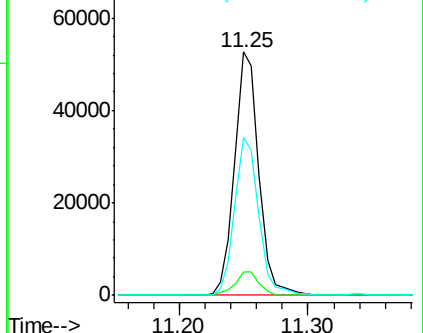
85 65.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.507 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016942.D

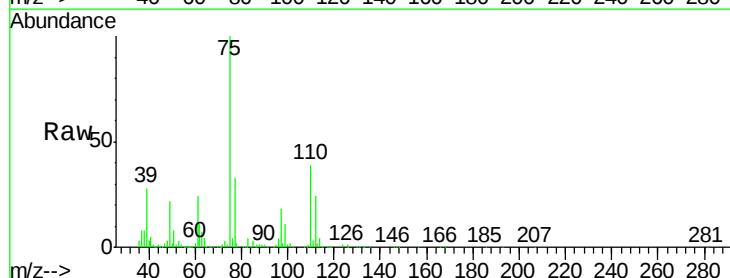
Acq: 24 Jun 2020 11:38

Tgt Ion: 75 Resp: 66782

Ion Ratio Lower Upper

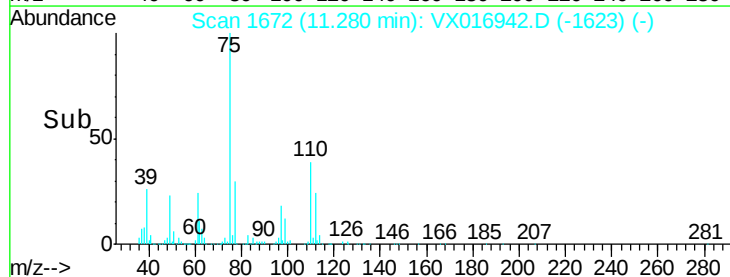
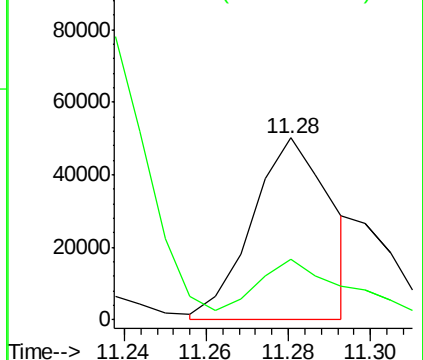
75 100

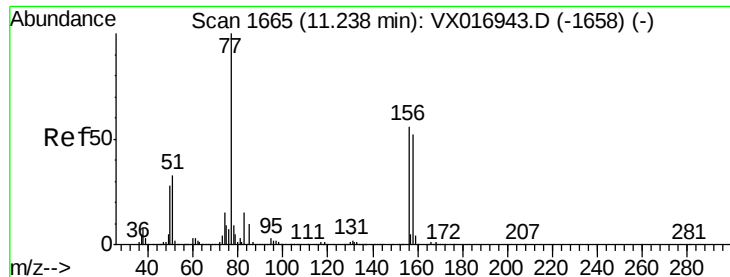
77 39.8 20.3 61.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.979 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

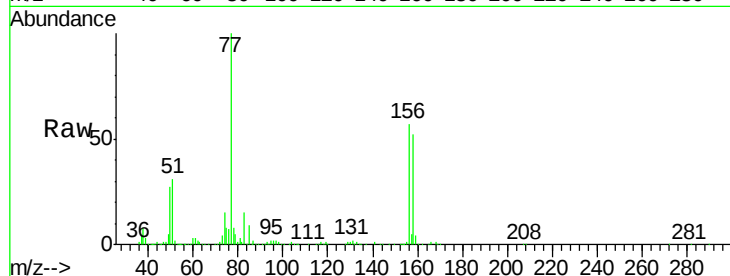
Tot Ion:156 Resp: 54698

Ion Ratio Lower Upper

156 100

77 175.0 88.6 265.9

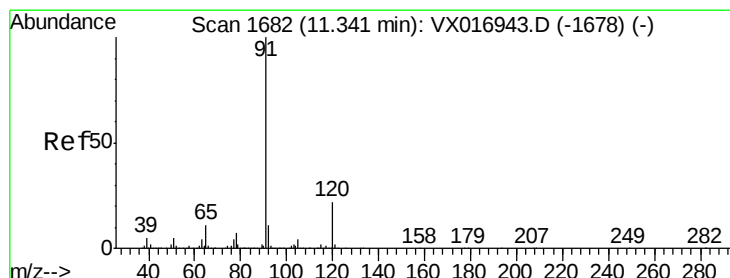
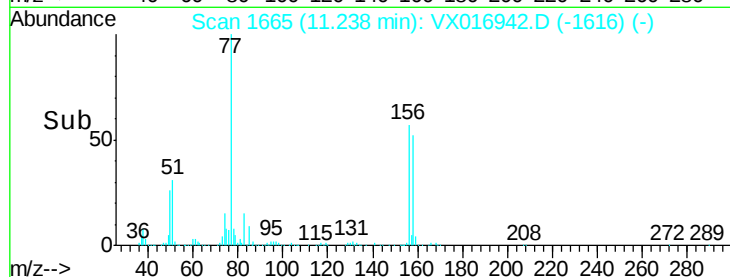
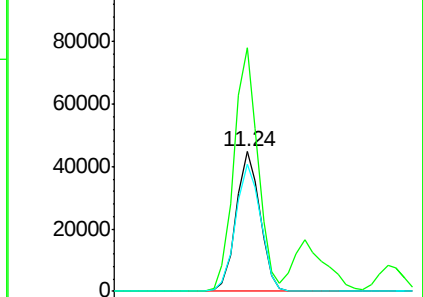
158 95.6 48.4 145.3



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: 22.548 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016942.D

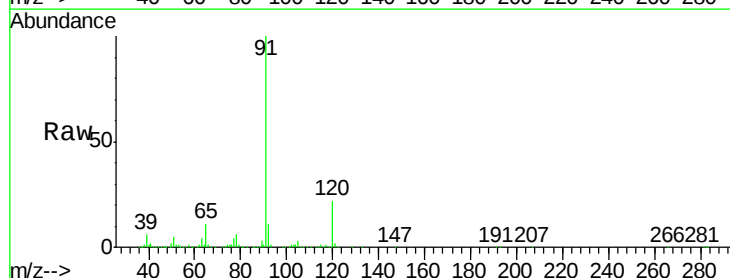
Acq: 24 Jun 2020 11:38

Tgt Ion: 91 Resp: 259620

Ion Ratio Lower Upper

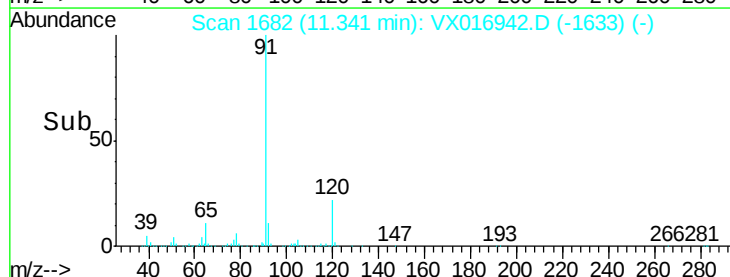
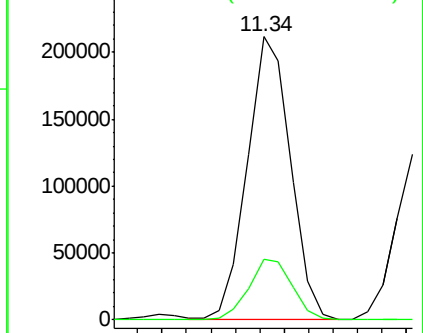
91 100

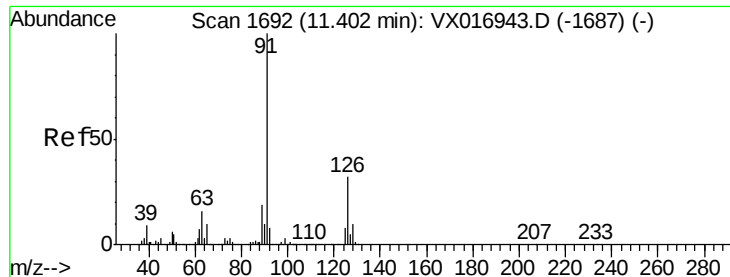
120 21.7 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.866 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

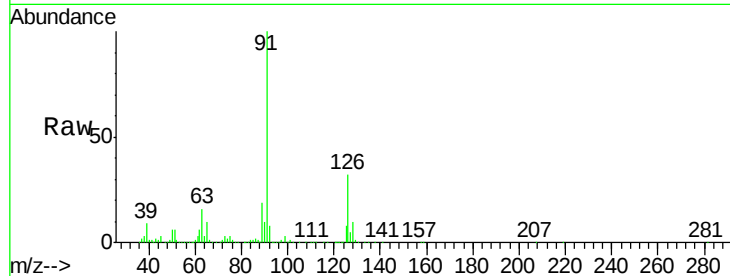
VSTDIC020

Tot Ion: 91 Resp: 153913

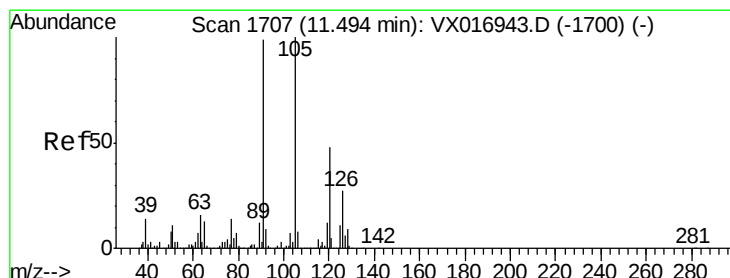
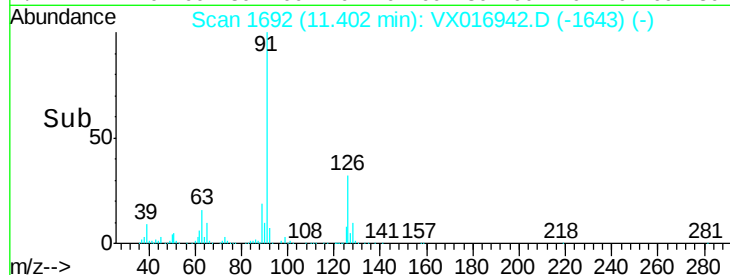
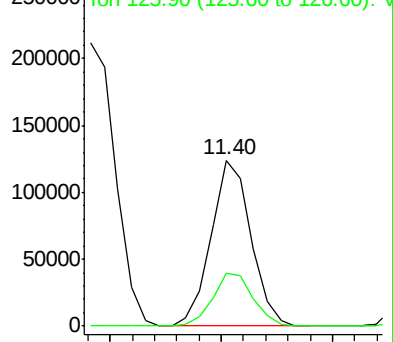
Ion Ratio Lower Upper

91 100

126 32.8 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX016942.D (-1643) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.170 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016942.D

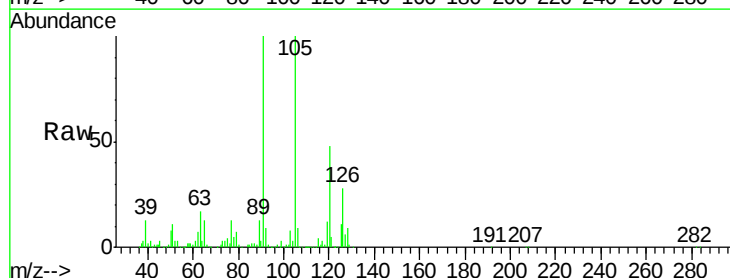
Acq: 24 Jun 2020 11:38

Tgt Ion: 105 Resp: 185814

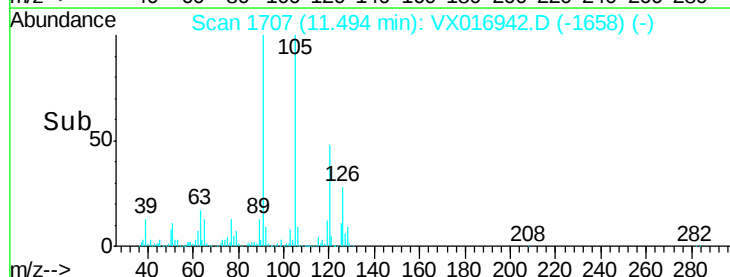
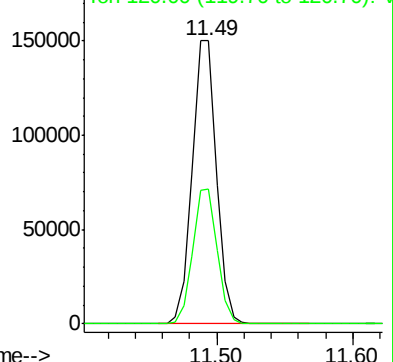
Ion Ratio Lower Upper

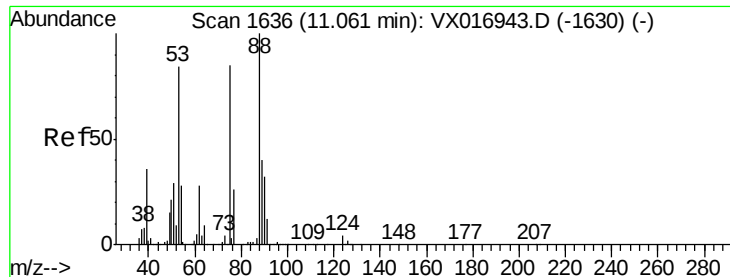
105 100

120 47.9 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX016942.D (-1658) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.846 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

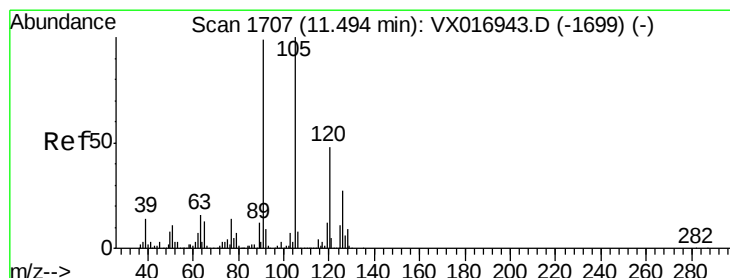
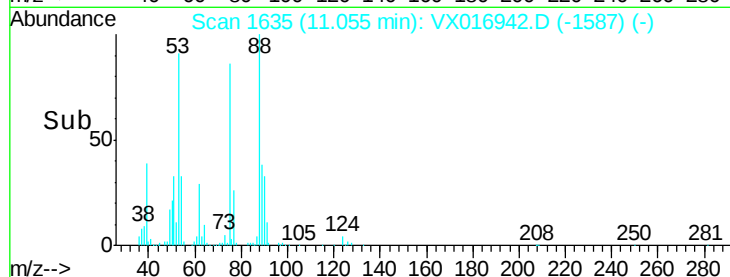
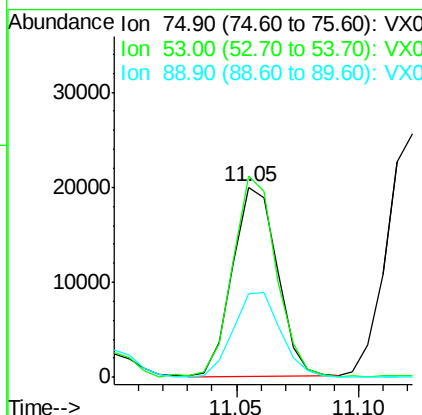
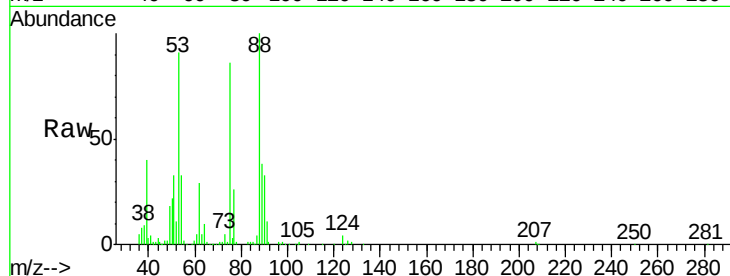
Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 75 Resp: 25417

Ion	Ratio	Lower	Upper
75	100		
53	102.9	79.8	119.8
89	48.1	37.4	56.2



#82

4-Chlorotoluene

Concen: 21.528 ug/l

RT: 11.49 min Scan# 1707

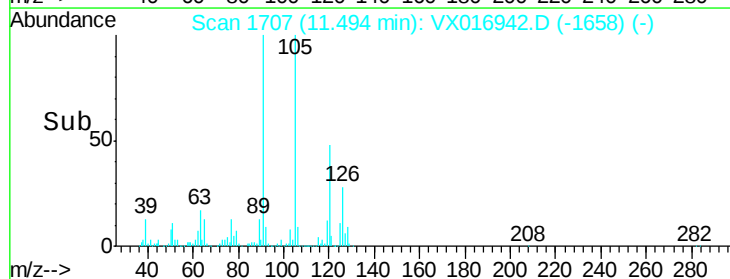
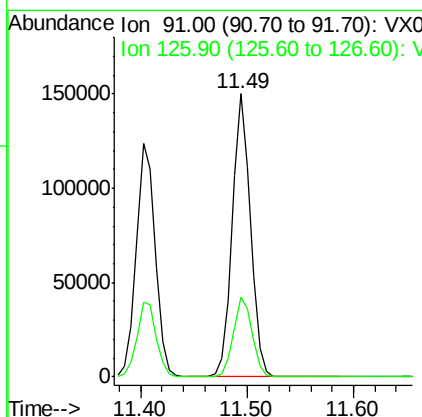
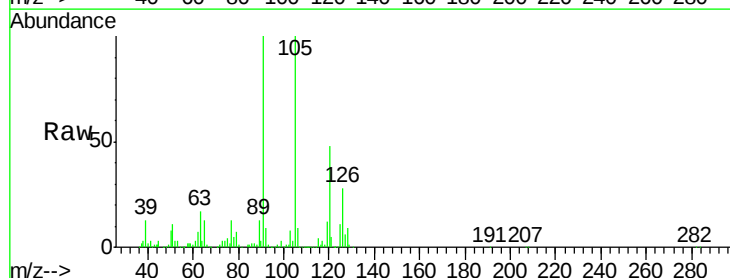
Delta R.T. 0.00 min

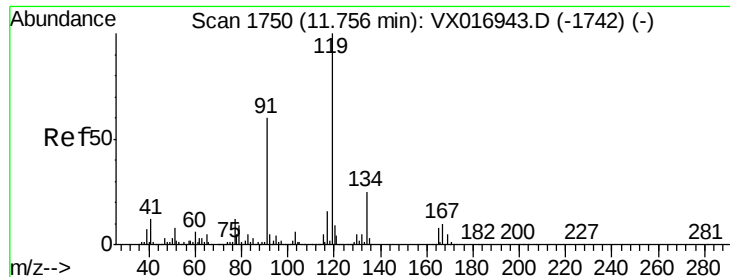
Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Tgt Ion: 91 Resp: 181220

Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.1	42.4





#83

tert-Butylbenzene

Concen: 19.941 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

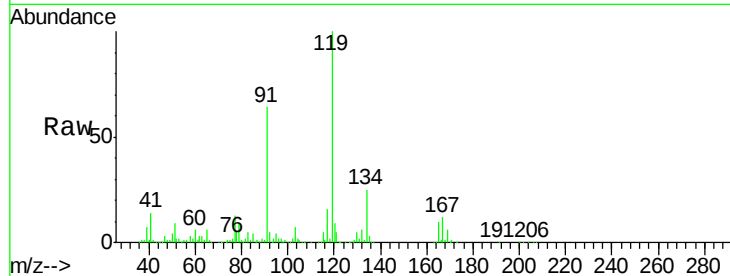
Tot Ion:119 Resp: 173766

Ion Ratio Lower Upper

119 100

91 61.7 30.0 90.1

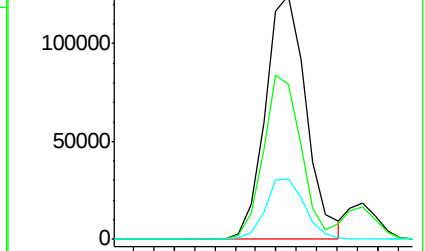
134 23.8 11.6 34.7



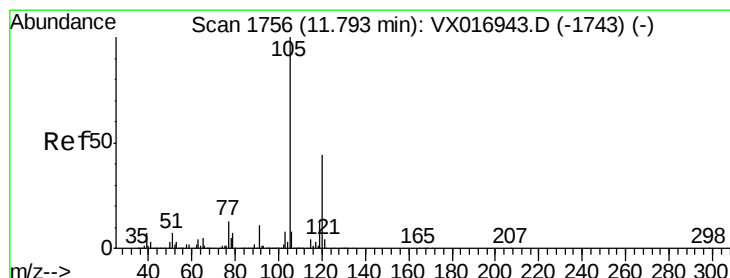
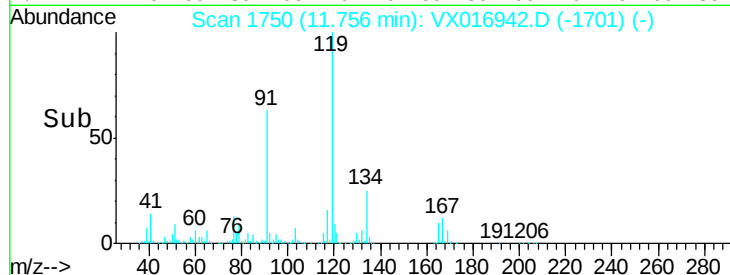
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 21.531 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016942.D

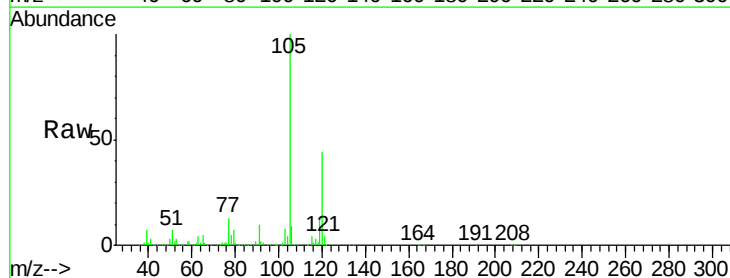
Acq: 24 Jun 2020 11:38

Tgt Ion:105 Resp: 195062

Ion Ratio Lower Upper

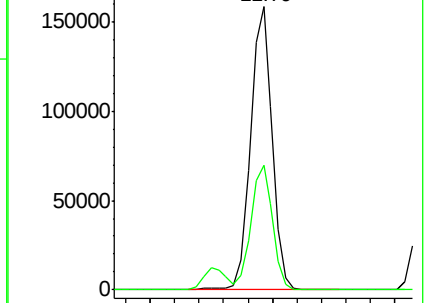
105 100

120 44.1 21.8 65.4

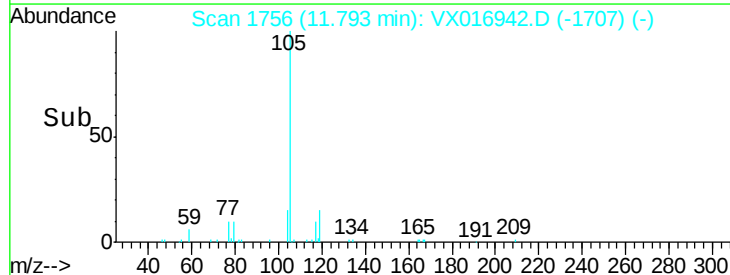


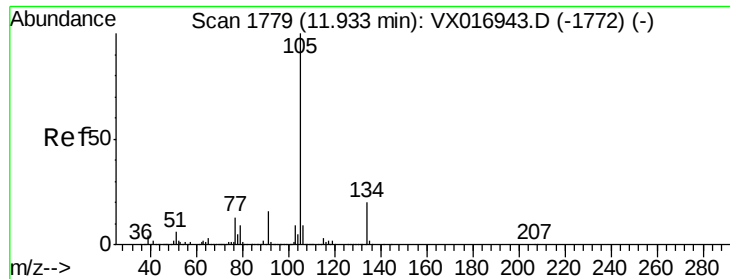
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#85

sec-Butylbenzene

Concen: 19.323 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

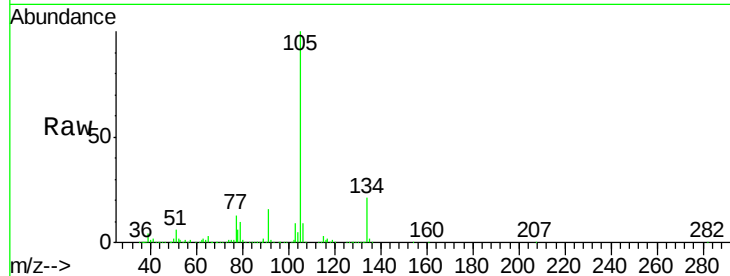
VSTDIC020

Tot Ion:105 Resp: 196187

Ion Ratio Lower Upper

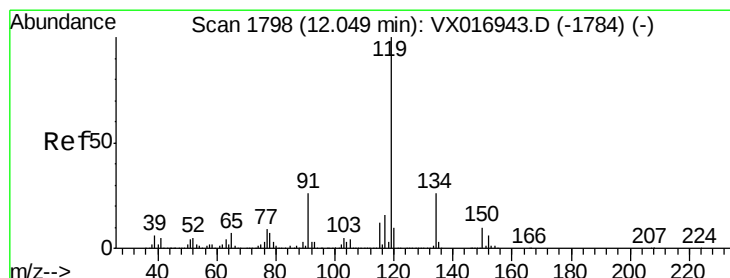
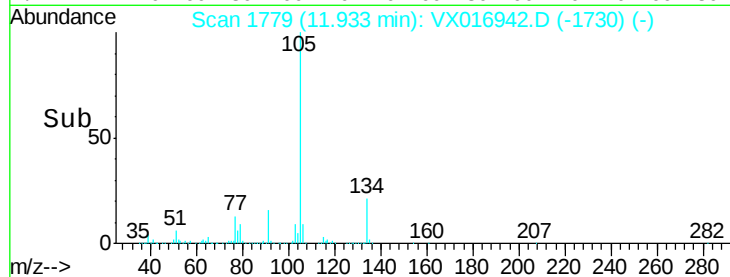
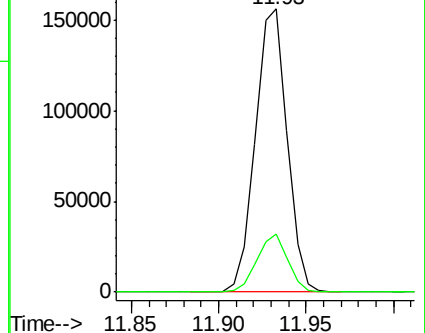
105 100

134 20.0 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.061 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

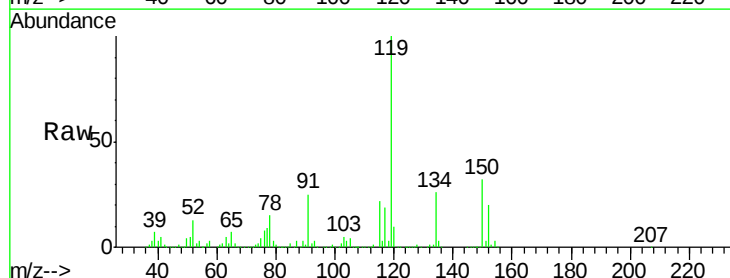
Tgt Ion:119 Resp: 193862

Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

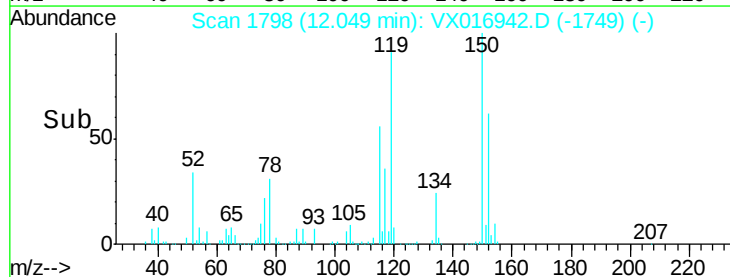
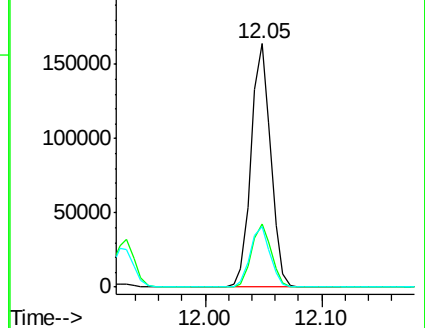
91 25.5 12.8 38.3

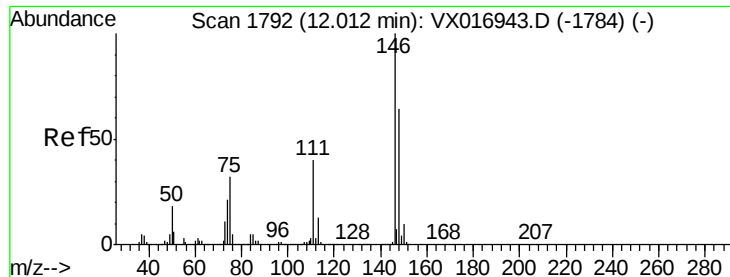


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.398 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

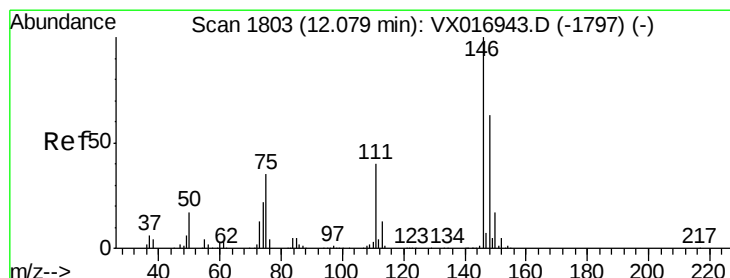
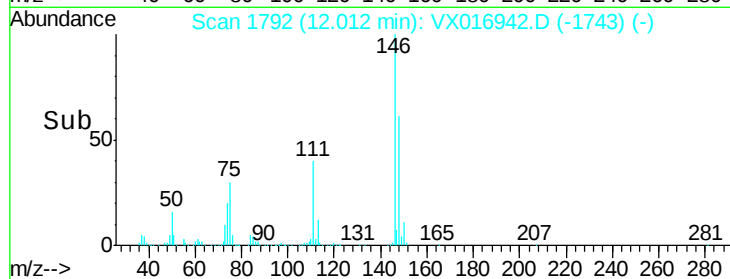
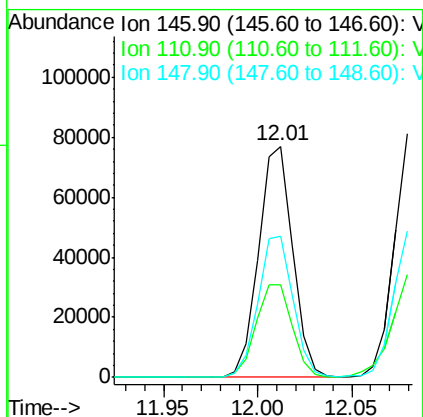
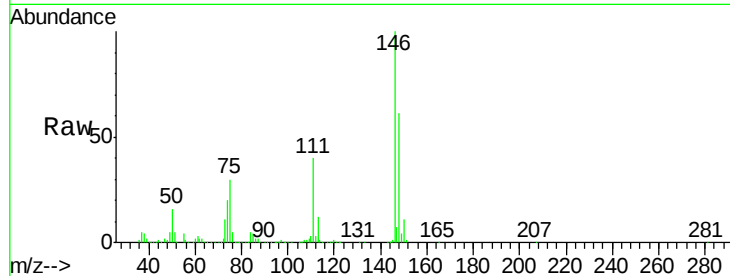
Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion:146 Resp: 96574

Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.4	64.3
148	62.7	32.4	97.0



#88

1,4-Dichlorobenzene

Concen: 18.983 ug/l

RT: 12.08 min Scan# 1803

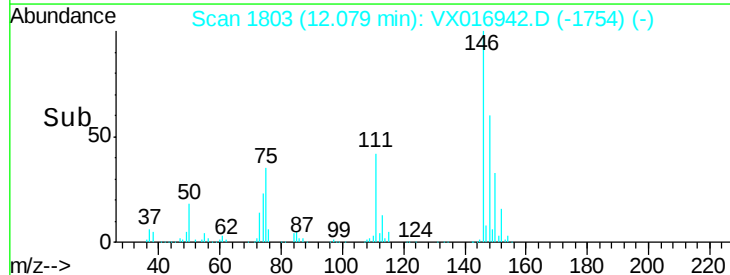
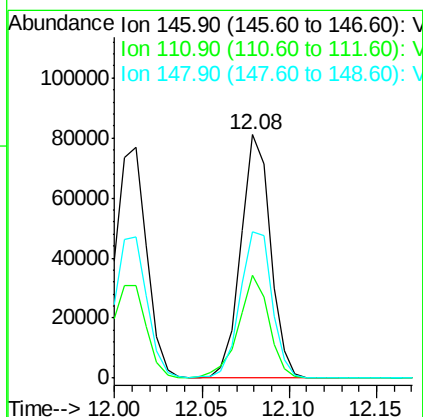
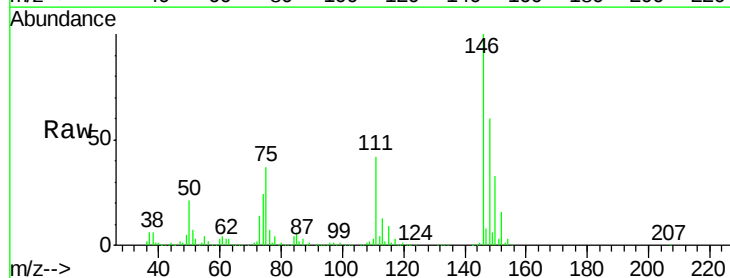
Delta R.T. 0.00 min

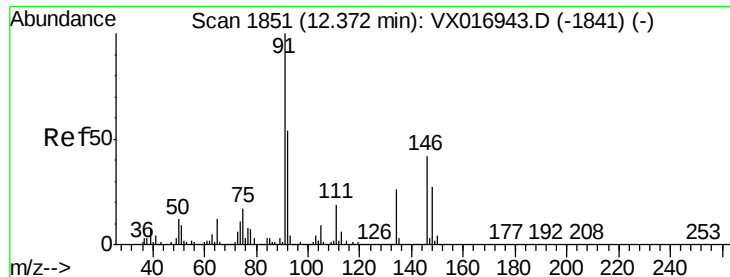
Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Tgt Ion:146 Resp: 96211

Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.3	60.8
148	64.9	31.4	94.2

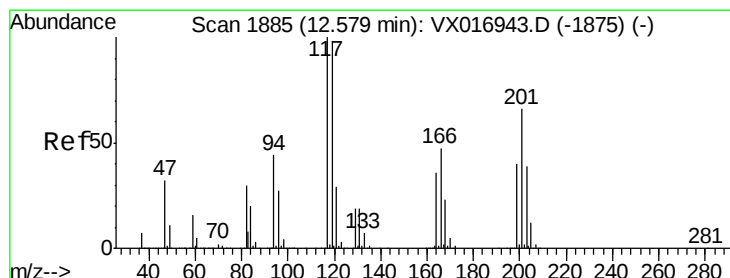
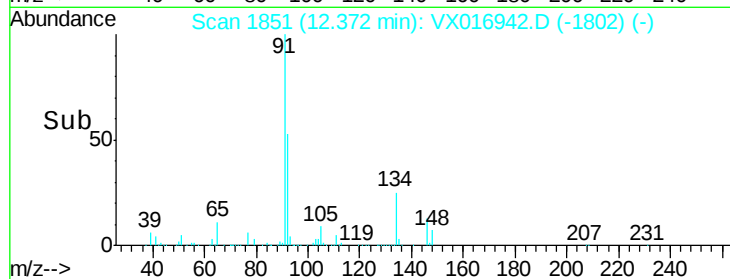
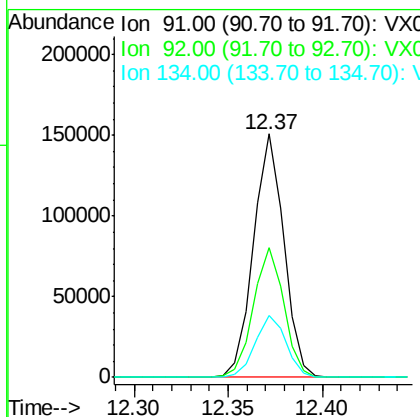
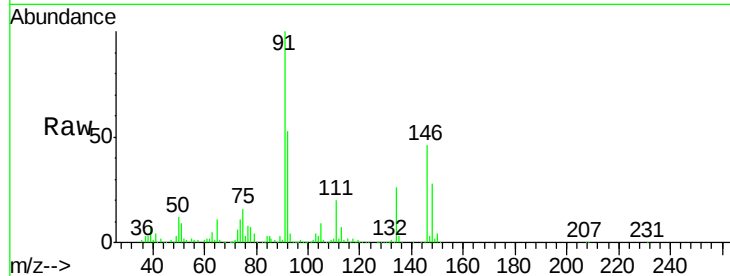




#89
n-Butylbenzene
Concen: 20.993 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

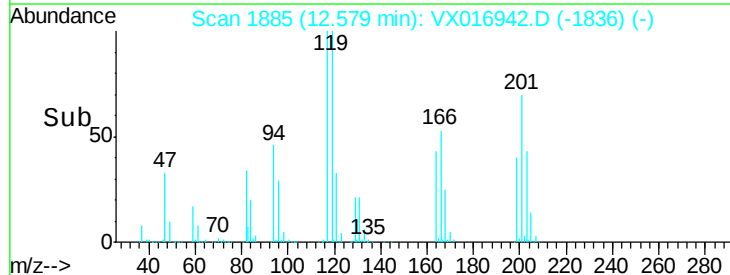
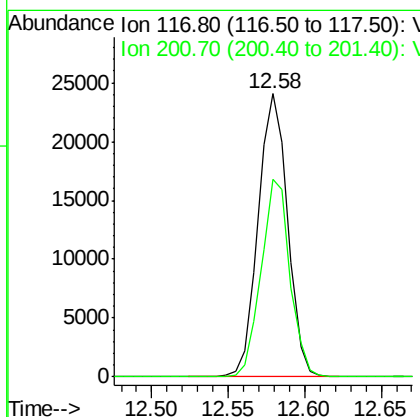
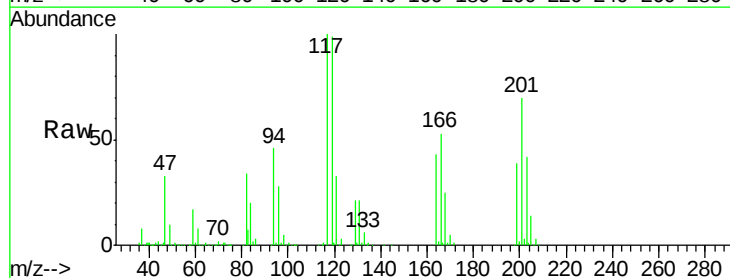
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

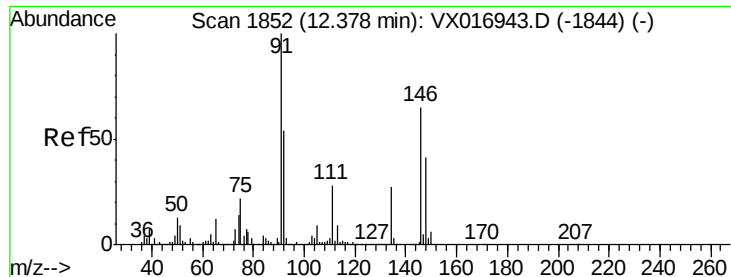
Tot Ion: 91 Resp: 168817
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.7
134 25.9 12.4 37.4



#90
Hexachloroethane
Concen: 19.229 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016942.D
Acq: 24 Jun 2020 11:38

Tgt Ion: 117 Resp: 32317
Ion Ratio Lower Upper
117 100
201 68.6 31.9 95.9

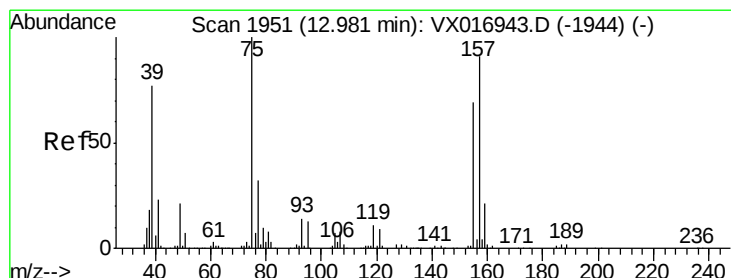
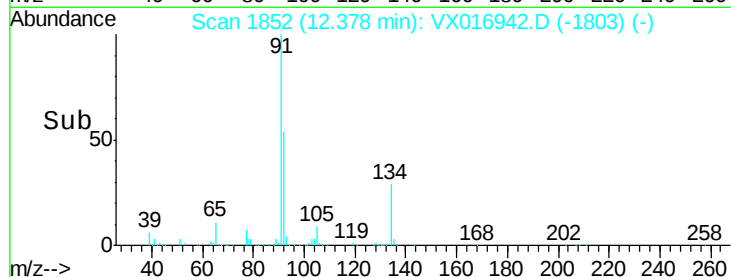
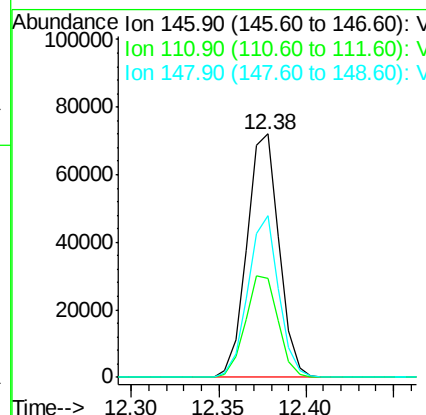
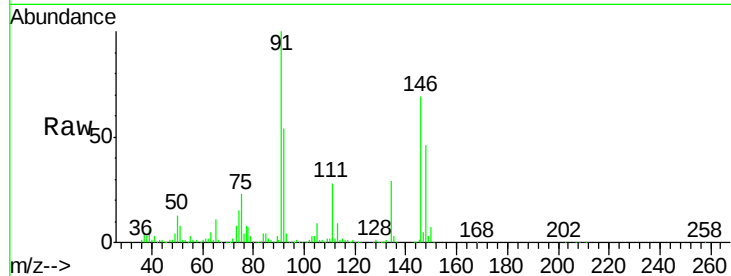




#91
 1,2-Dichlorobenzene
 Concen: 18.912 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016942.D
 Acq: 24 Jun 2020 11:38

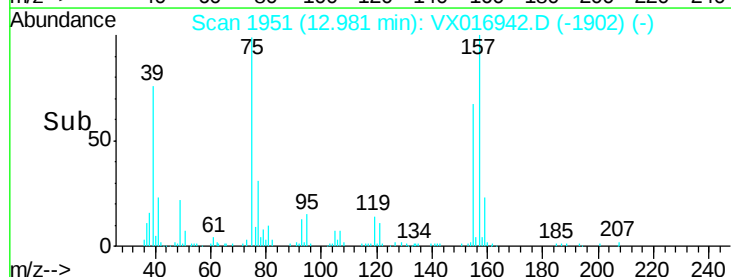
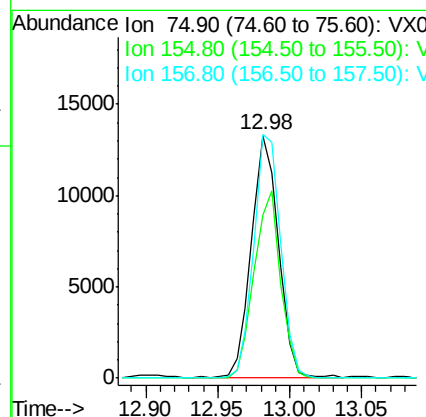
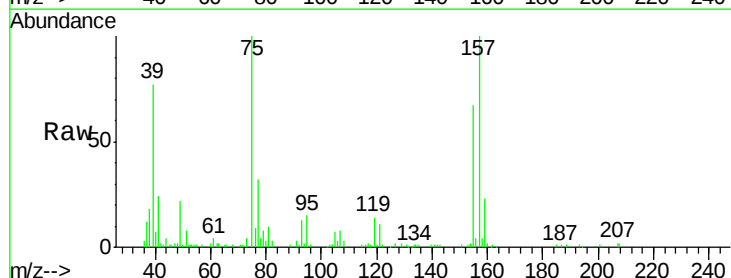
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

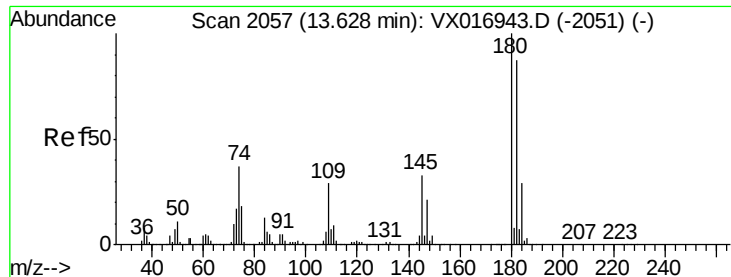
Tot Ion:146 Resp: 91780
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.5 64.5
 148 63.6 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.906 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016942.D
 Acq: 24 Jun 2020 11:38

Tgt Ion: 75 Resp: 17374
 Ion Ratio Lower Upper
 75 100
 155 74.6 38.6 115.8
 157 99.0 48.6 145.8

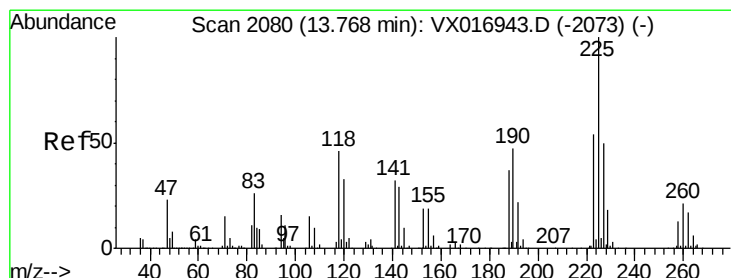
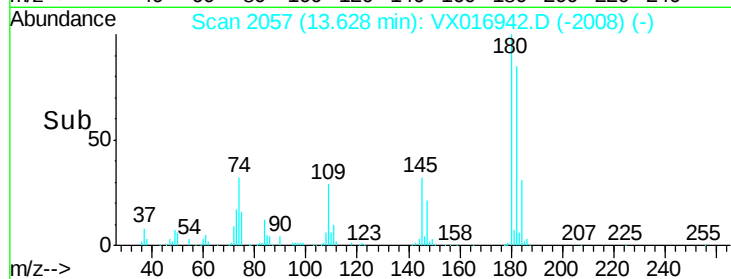
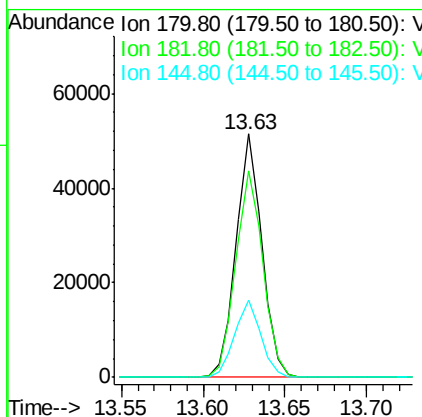
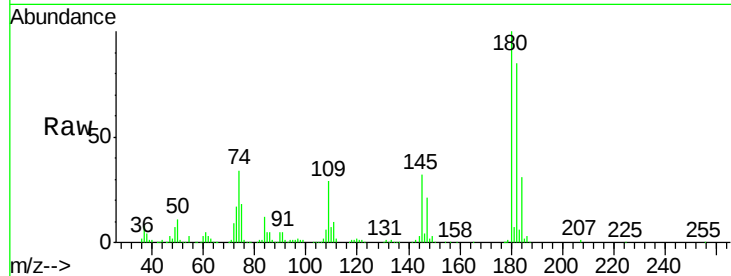




#93
 1,2,4-Trichlorobenzene
 Concen: 18.077 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016942.D
 Acq: 24 Jun 2020 11:38

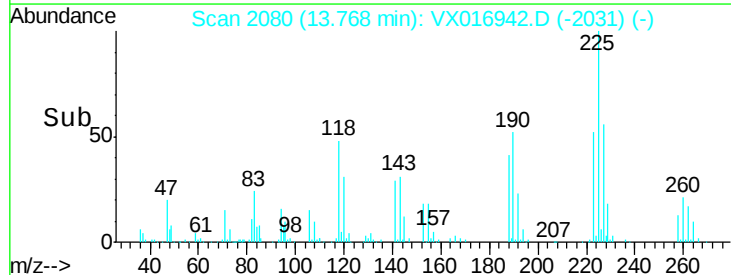
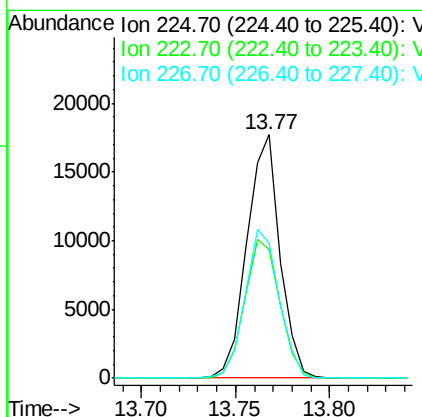
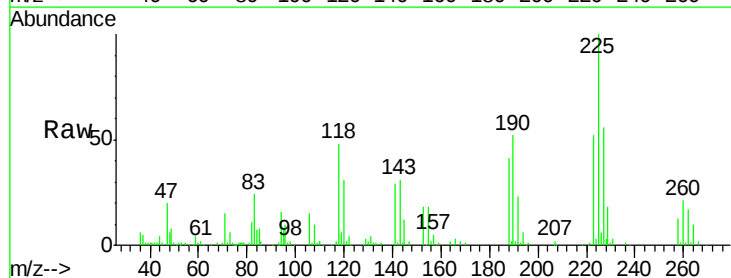
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

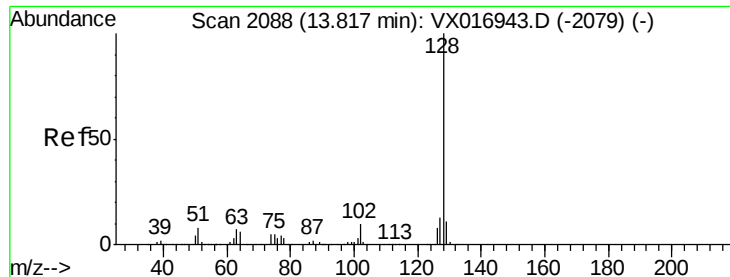
Tot Ion:180 Resp: 56874
 Ion Ratio Lower Upper
 180 100
 182 89.5 46.0 137.8
 145 32.3 16.4 49.1



#94
 Hexachlorobutadiene
 Concen: 15.334 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016942.D
 Acq: 24 Jun 2020 11:38

Tgt Ion:225 Resp: 21392
 Ion Ratio Lower Upper
 225 100
 223 60.7 30.4 91.2
 227 63.3 29.8 89.3





#95

Naphthalene

Concen: 21.584 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

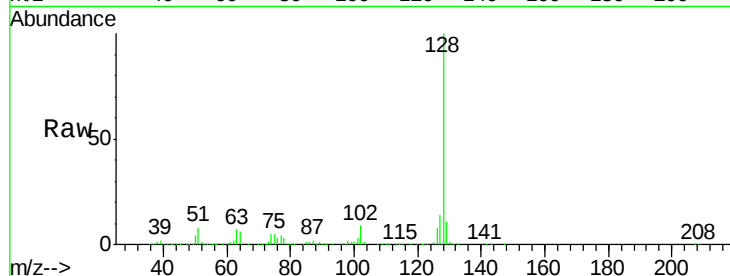
Tot Ion:128 Resp: 206428

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

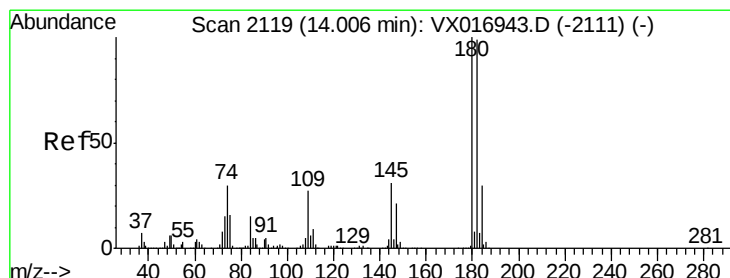
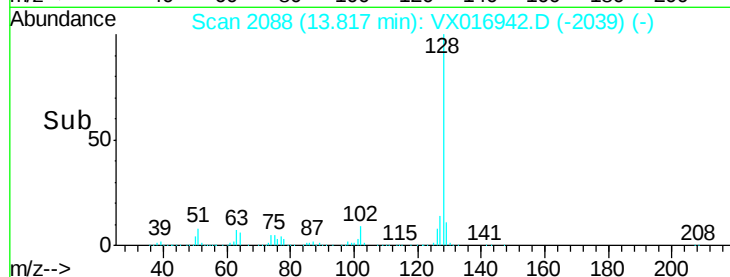
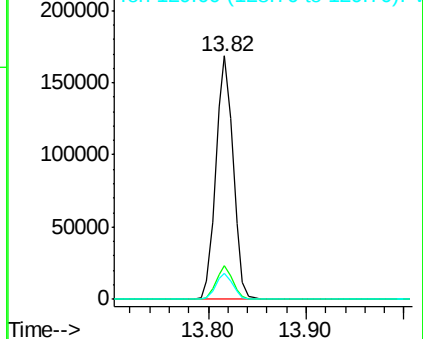
129 10.7 8.7 13.1



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: 16.447 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016942.D

Acq: 24 Jun 2020 11:38

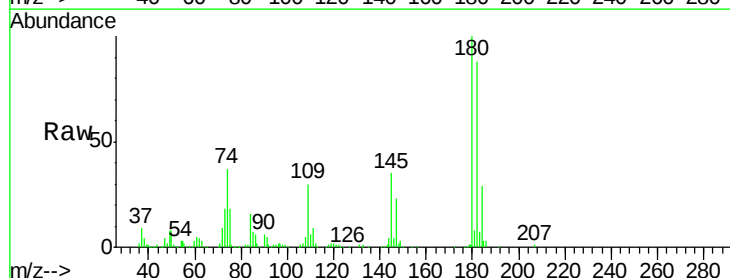
Tgt Ion:180 Resp: 51029

Ion Ratio Lower Upper

180 100

182 93.2 47.6 142.9

145 35.4 17.0 51.0



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

