

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052720\
 Data File : VX016450.D
 Acq On : 27 May 2020 15:50
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: May 27 16:11:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 15:52:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	281572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	443821	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	421105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	213389	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	358998	96.78	ug/l	0.00
Spiked Amount			Recovery	=	193.56%	
35) Dibromofluoromethane	5.47	113	281259	99.63	ug/l	0.00
Spiked Amount			Recovery	=	199.26%	
50) Toluene-d8	8.70	98	1113711	102.10	ug/l	0.00
Spiked Amount			Recovery	=	204.20%	
62) 4-Bromofluorobenzene	11.12	95	431825	104.30	ug/l	0.00
Spiked Amount			Recovery	=	208.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	298880	100.734	ug/l	98
3) Chloromethane	1.31	50	341019	98.868	ug/l	99
4) Vinyl Chloride	1.39	62	371926	100.864	ug/l	99
5) Bromomethane	1.62	94	172223	93.839	ug/l	99
6) Chloroethane	1.70	64	220178	99.102	ug/l	98
7) Trichlorofluoromethane	1.90	101	492077	101.681	ug/l	99
8) Diethyl Ether	2.17	74	192754	94.942	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	268309	96.843	ug/l	99
10) Methyl Iodide	2.49	142	333592	93.318	ug/l	100
11) Tert butyl alcohol	3.03	59	464022	496.712	ug/l	99
12) 1,1-Dichloroethene	2.35	96	277537	95.661	ug/l	96
13) Acrolein	2.27	56	199509	366.057	ug/l	96
14) Allyl chloride	2.70	41	526846	98.705	ug/l	100
15) Acrylonitrile	3.12	53	975414	501.633	ug/l	100
16) Acetone	2.42	43	792945	481.406	ug/l	100
17) Carbon Disulfide	2.54	76	837605	84.869	ug/l	100
18) Methyl Acetate	2.75	43	412367	101.009	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1036274	102.670	ug/l	100
20) Methylene Chloride	2.83	84	320234	94.207	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	315737	97.006	ug/l	96
22) Diisopropyl ether	3.83	45	1014533	100.094	ug/l	91
23) Vinyl Acetate	3.79	43	4599379	516.439	ug/l	99
24) 1,1-Dichloroethane	3.67	63	567530	100.144	ug/l	99
25) 2-Butanone	4.64	43	1385822	518.351	ug/l	99
26) 2,2-Dichloropropane	4.55	77	465800	91.923	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	356251	99.866	ug/l	98
28) Bromochloromethane	4.98	49	256560	99.705	ug/l	99
29) Tetrahydrofuran	5.09	42	904222	511.086	ug/l	100
30) Chloroform	5.18	83	570802	101.210	ug/l	99
31) Cyclohexane	5.55	56	511193	100.323	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	519392	101.208	ug/l	100
36) 1,1-Dichloropropene	5.77	75	440191	100.553	ug/l	99
37) Ethyl Acetate	4.80	43	522480	102.814	ug/l	99
38) Carbon Tetrachloride	5.75	117	464532	104.065	ug/l	100

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Instrument :
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 VSTDICC100

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.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	486352	93.998	ug/l	99
40) Benzene	6.11	78	1310034	102.049	ug/l	100
41) Methacrylonitrile	5.01	41	290128	105.925	ug/l	98
42) 1,2-Dichloroethane	6.17	62	463966	100.477	ug/l	100
43) Isopropyl Acetate	6.42	43	828931	102.479	ug/l	100
44) Trichloroethene	7.19	130	392457	87.635	ug/l	100
45) 1,2-Dichloropropane	7.49	63	335940	103.584	ug/l	99
46) Dibromomethane	7.64	93	223960	101.632	ug/l	100
47) Bromodichloromethane	7.88	83	473648	105.485	ug/l	98
48) Methyl methacrylate	7.75	41	405775	105.554	ug/l	99
49) 1,4-Dioxane	7.72	88	184807	2010.203	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	2627967	529.286	ug/l	99
52) Toluene	8.77	92	839844	104.971	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	553095	103.681	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	575351	103.188	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	334390	106.334	ug/l	97
56) Ethyl methacrylate	9.16	69	573083	111.344	ug/l	100
57) 1,3-Dichloropropane	9.35	76	572110	104.170	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1442228	529.528	ug/l	99
59) 2-Hexanone	9.48	43	2062399	528.130	ug/l	99
60) Dibromochloromethane	9.57	129	385907	110.978	ug/l	100
61) 1,2-Dibromoethane	9.65	107	357983	105.402	ug/l	99
64) Tetrachloroethene	9.32	164	456578	89.214	ug/l	98
65) Chlorobenzene	10.12	112	889062	100.600	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	344423	105.257	ug/l	99
67) Ethyl Benzene	10.24	91	1611297	102.240	ug/l	99
68) m/p-Xylenes	10.34	106	1206705	204.831	ug/l	100
69) o-Xylene	10.68	106	584120	103.234	ug/l	99
70) Styrene	10.70	104	1036138	107.428	ug/l	100
71) Bromoform	10.84	173	305813	113.829	ug/l #	99
73) Isopropylbenzene	11.01	105	1568411	101.365	ug/l	100
74) N-amyl acetate	10.88	43	738901	102.377	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	424972	147.299	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	666597	137.850	ug/l	83
77) Bromobenzene	11.24	156	399562	99.652	ug/l	99
78) n-propylbenzene	11.35	91	1782544	99.270	ug/l	100
79) 2-Chlorotoluene	11.41	91	1066345	100.086	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1332824	101.886	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	207103	103.330	ug/l	98
82) 4-Chlorotoluene	11.49	91	1276377	101.530	ug/l	99
83) tert-Butylbenzene	11.76	119	1163725	103.138	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1354515	102.414	ug/l	100
85) sec-Butylbenzene	11.93	105	1445802	96.292	ug/l	100
86) p-Isopropyltoluene	12.05	119	1358466	97.268	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	707254	98.524	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	713577	97.935	ug/l	98
89) n-Butylbenzene	12.37	91	1162451	91.931	ug/l	100
90) Hexachloroethane	12.58	117	240479	100.589	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	687194	99.478	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	128445	100.811	ug/l	99

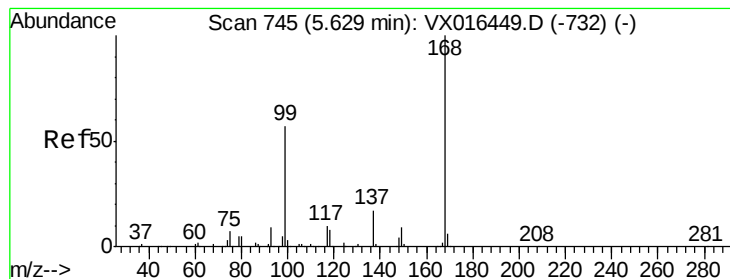
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052720\
Data File : VX016450.D
Acq On : 27 May 2020 15:50
Operator : JC/SP
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MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: May 27 16:11:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 15:52:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	477595	94.236	ug/l	98
94) Hexachlorobutadiene	13.77	225	186722	81.841	ug/l	97
95) Naphthalene	13.82	128	1631004	99.022	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	462911	94.165	ug/l	99

(#) = 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: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

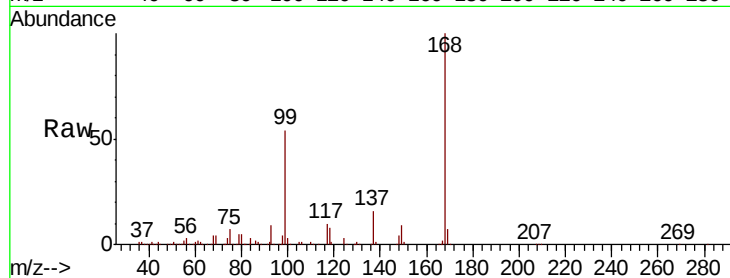
VSTDIC100

Tot Ion:168 Resp: 281572

Ion Ratio Lower Upper

168 100

99 53.8 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

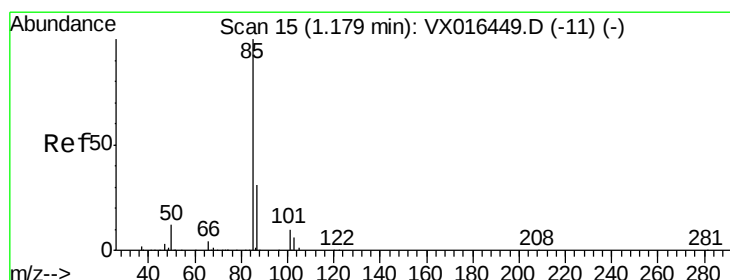
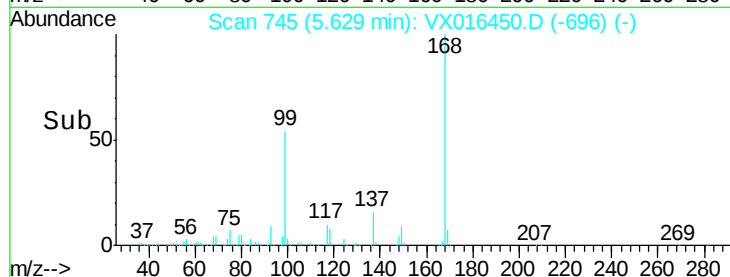
0

5.50

5.63

5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 100.734 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.00 min

Lab File: VX016450.D

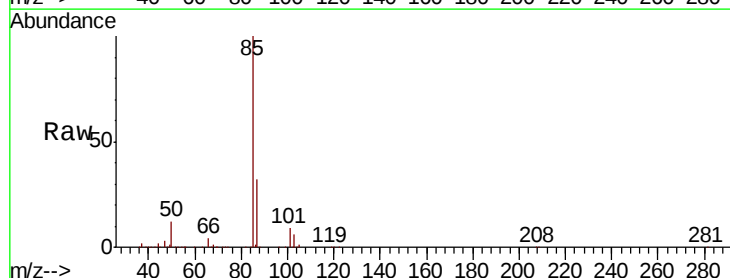
Acq: 27 May 2020 15:50

Tgt Ion: 85 Resp: 298880

Ion Ratio Lower Upper

85 100

87 32.1 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

200000

100000

0

1.10

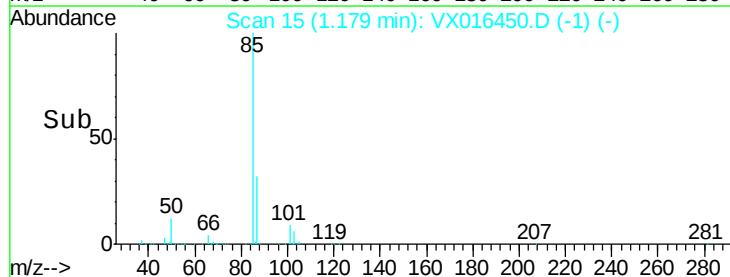
1.18

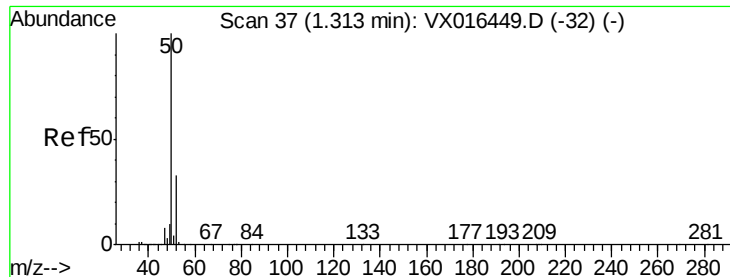
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 98.868 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

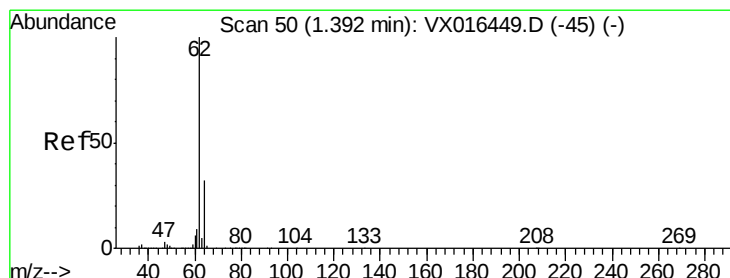
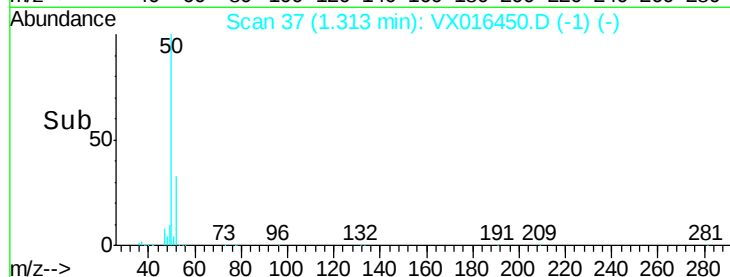
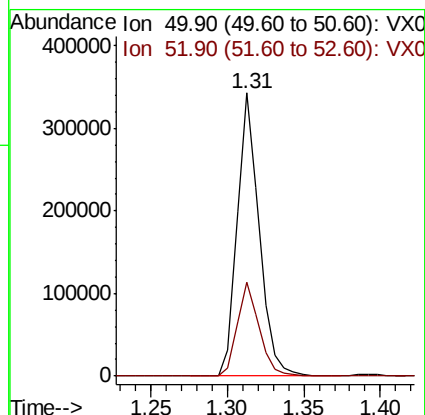
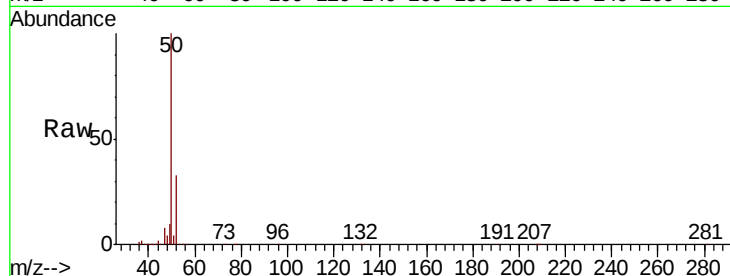
VSTDIC100

Tot Ion: 50 Resp: 341019

Ion Ratio Lower Upper

50 100

52 33.4 26.2 39.2



#4

Vinyl Chloride

Concen: 100.864 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016450.D

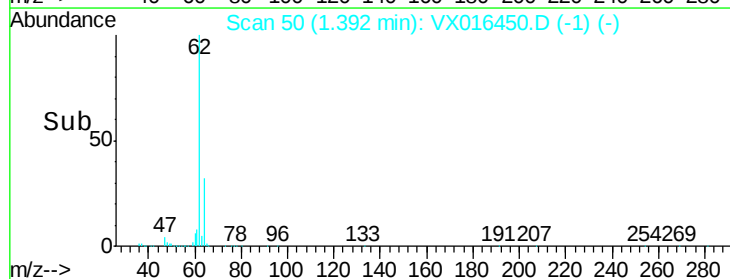
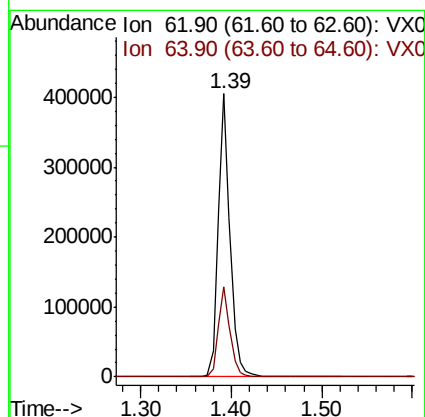
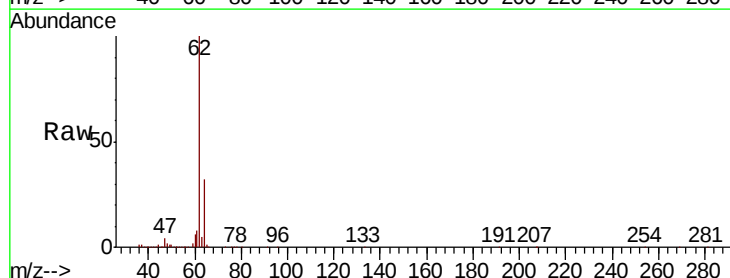
Acq: 27 May 2020 15:50

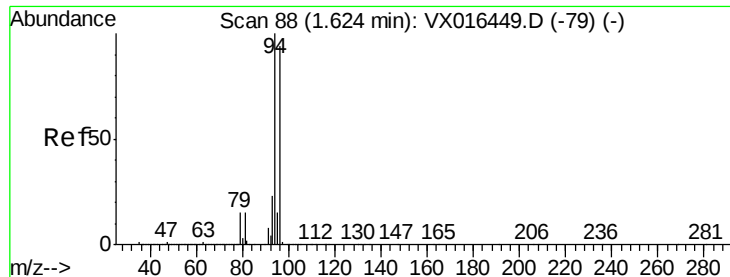
Tgt Ion: 62 Resp: 371926

Ion Ratio Lower Upper

62 100

64 32.0 25.9 38.9





#5

Bromomethane

Concen: 93.839 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

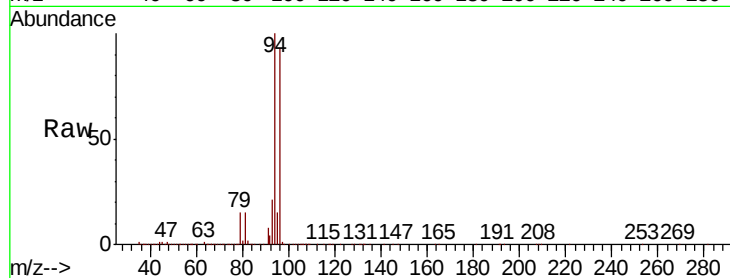
VSTDICC100

Tot Ion: 94 Resp: 172223

Ion Ratio Lower Upper

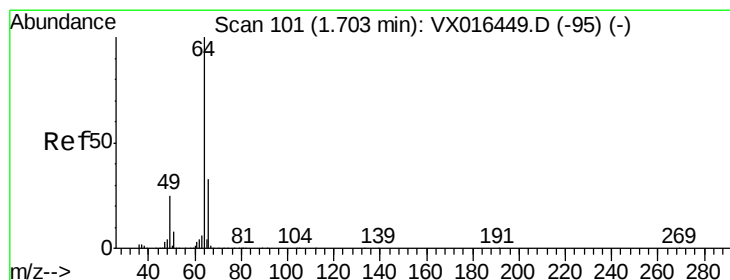
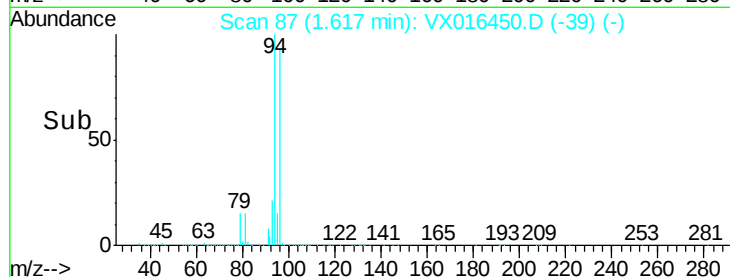
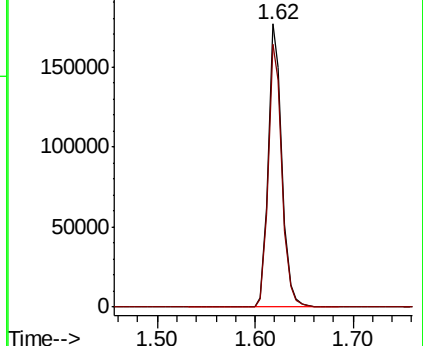
94 100

96 92.8 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 99.102 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX016450.D

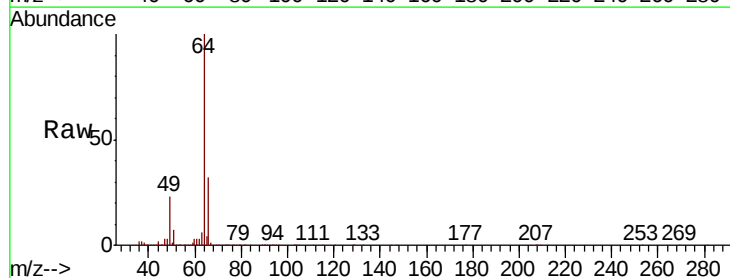
Acq: 27 May 2020 15:50

Tgt Ion: 64 Resp: 220178

Ion Ratio Lower Upper

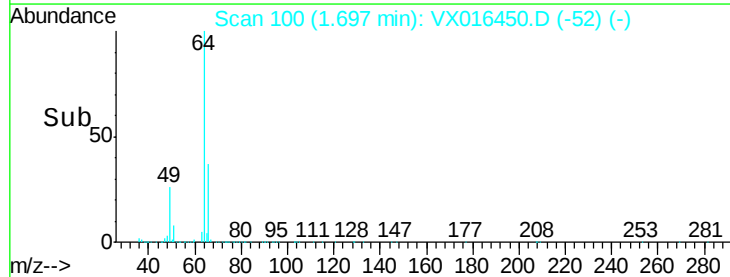
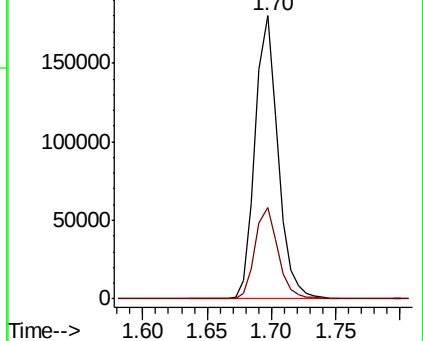
64 100

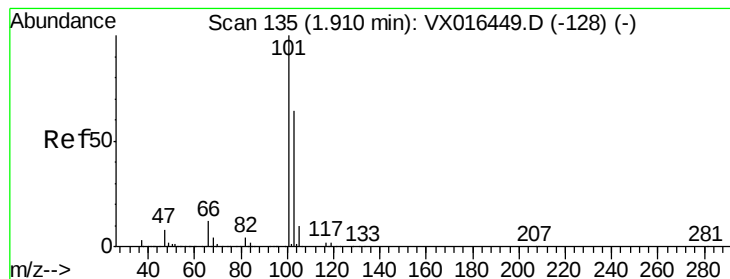
66 32.2 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



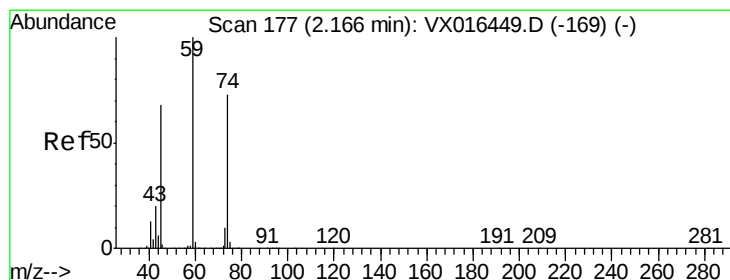
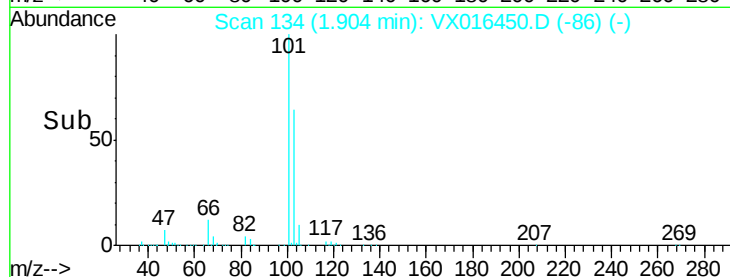
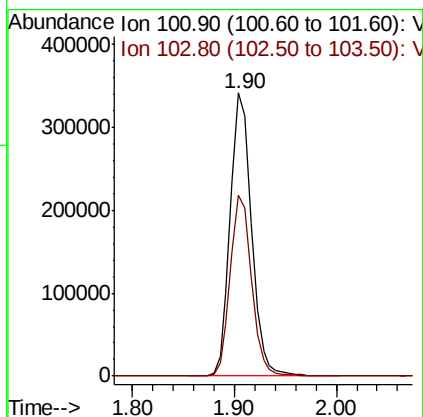
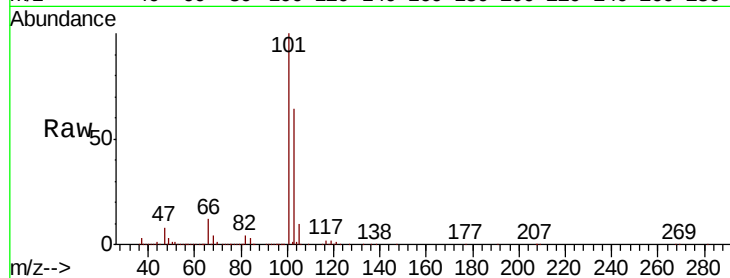


#7

Trichlorofluoromethane
Concen: 101.681 ug/l
RT: 1.90 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

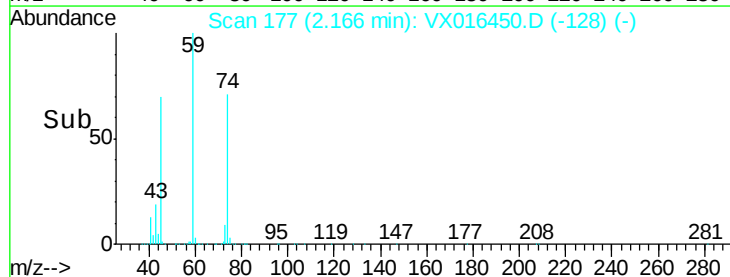
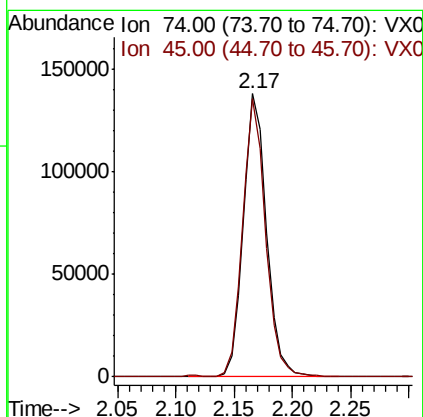
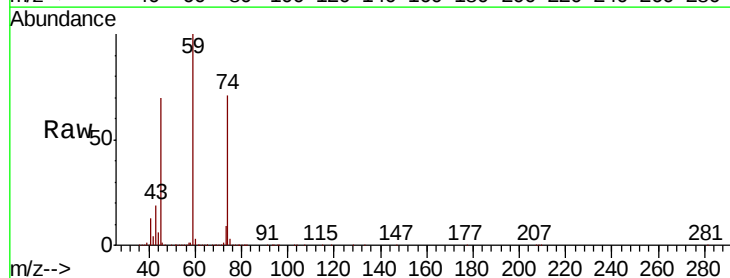
Tot Ion:101 Resp: 492077
Ion Ratio Lower Upper
101 100
103 64.1 50.9 76.3

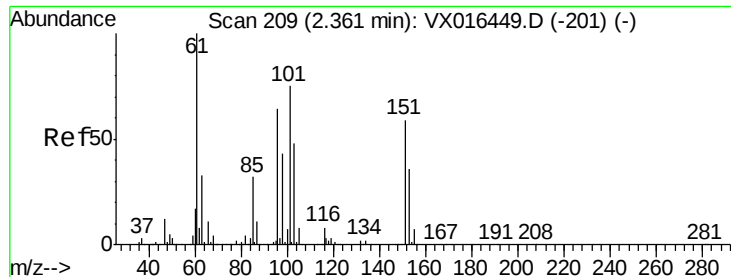


#8

Diethyl Ether
Concen: 94.942 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion: 74 Resp: 192754
Ion Ratio Lower Upper
74 100
45 96.9 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 96.843 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

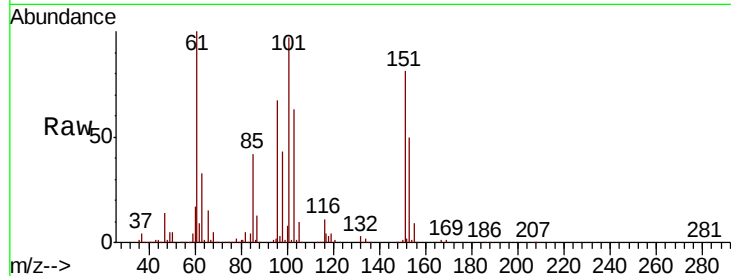
Tot Ion:101 Resp: 268309

Ion Ratio Lower Upper

101 100

85 43.0 34.4 51.6

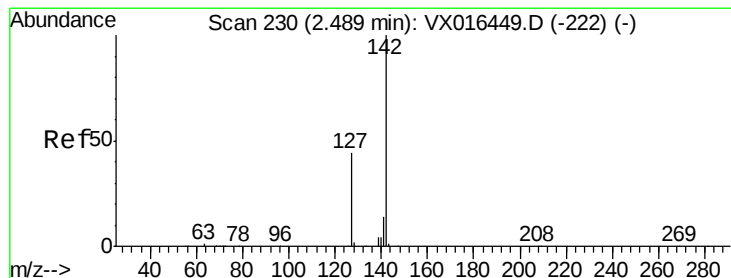
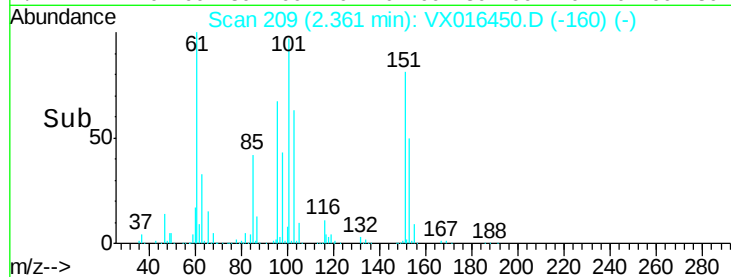
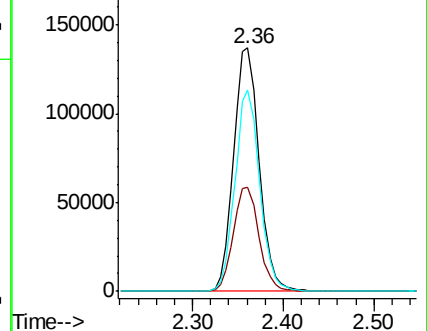
151 80.5 63.8 95.6



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: 93.318 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

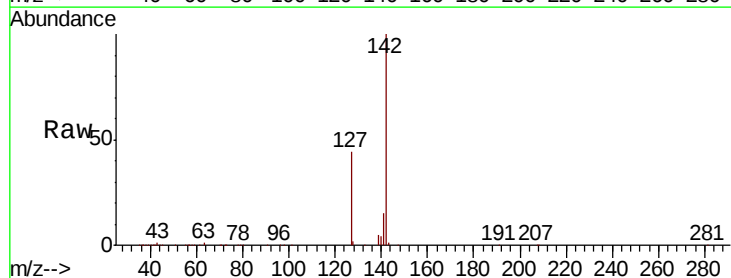
Tgt Ion:142 Resp: 333592

Ion Ratio Lower Upper

142 100

127 44.2 35.3 52.9

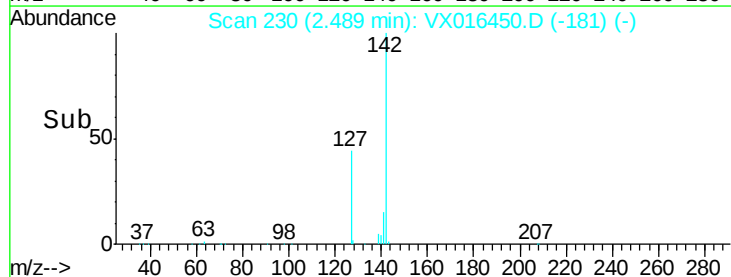
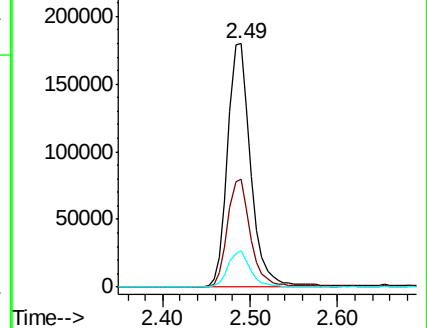
141 14.5 11.4 17.2

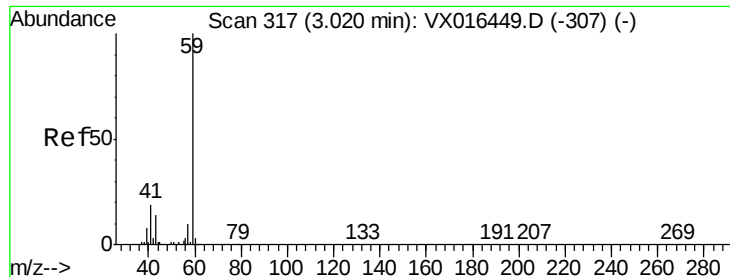


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



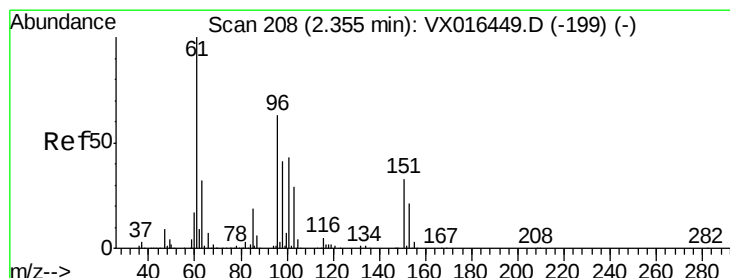
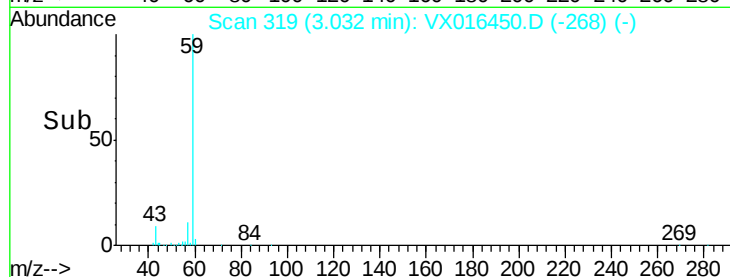
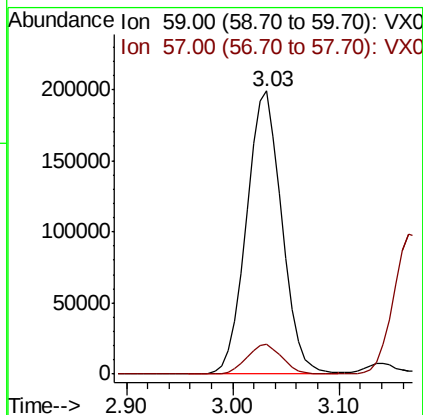
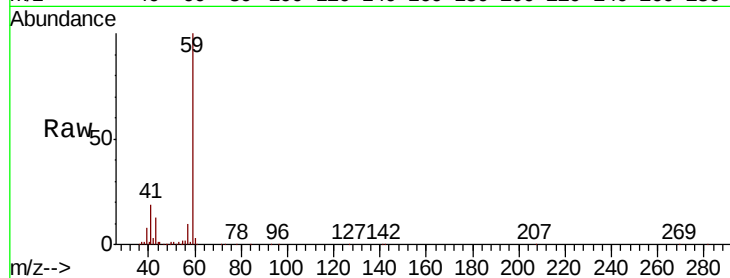


#11

Tert butyl alcohol
 Concen: 496.712 ug/l
 RT: 3.03 min Scan# 319
 Delta R.T. 0.01 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

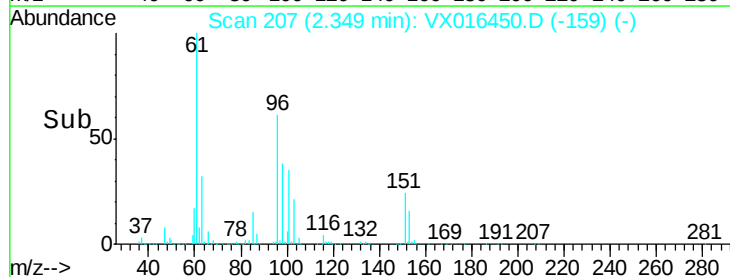
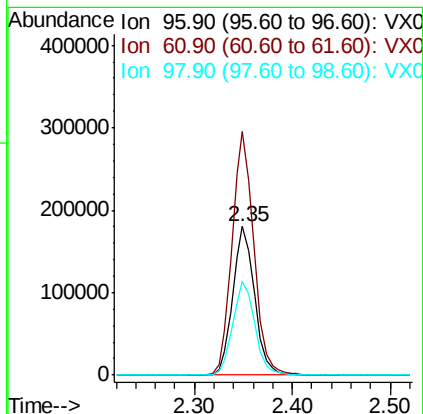
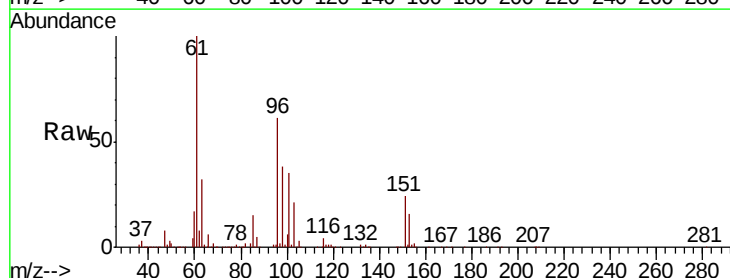
Tot Ion: 59 Resp: 464022
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.4

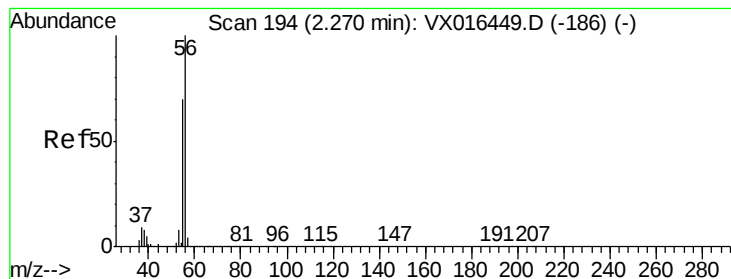


#12

1,1-Dichloroethene
 Concen: 95.661 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Tgt Ion: 96 Resp: 277537
 Ion Ratio Lower Upper
 96 100
 61 164.3 126.6 189.8
 98 63.1 51.3 76.9





#13

Acrolein

Concen: 366.057 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

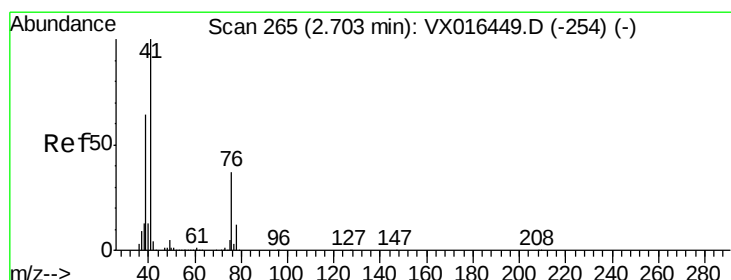
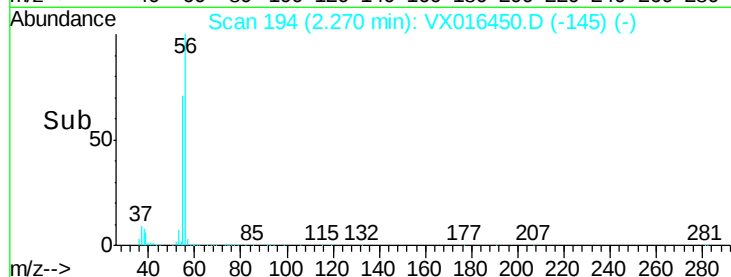
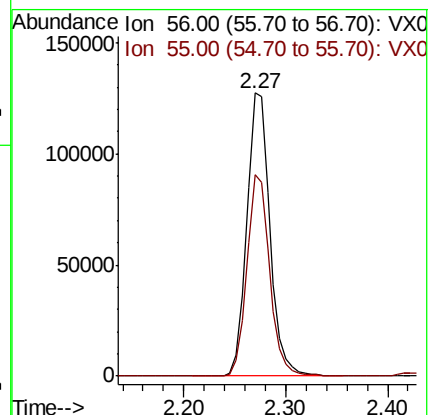
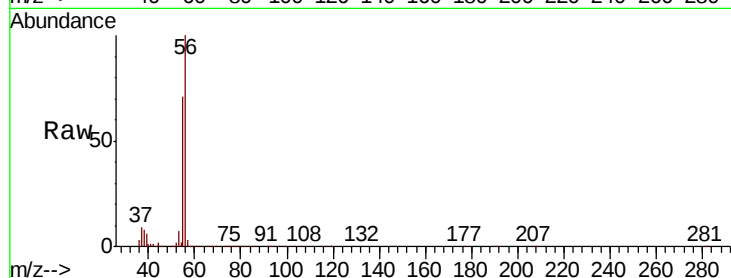
VSTDIC100

Tot Ion: 56 Resp: 199509

Ion Ratio Lower Upper

56 100

55 69.9 58.3 87.5



#14

Allyl chloride

Concen: 98.705 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

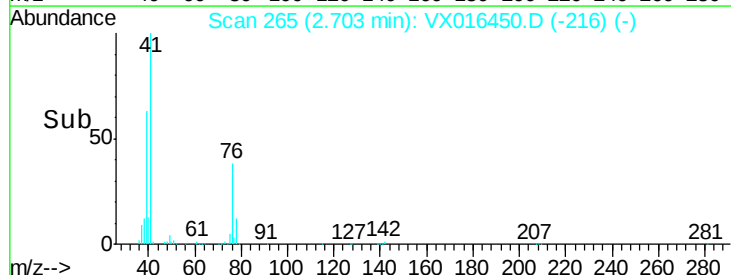
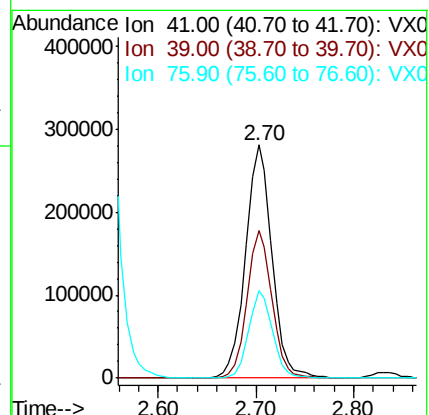
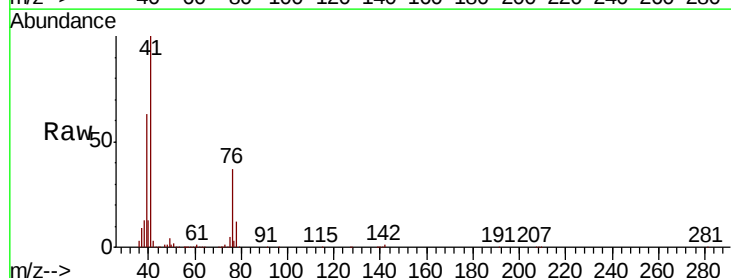
Tgt Ion: 41 Resp: 526846

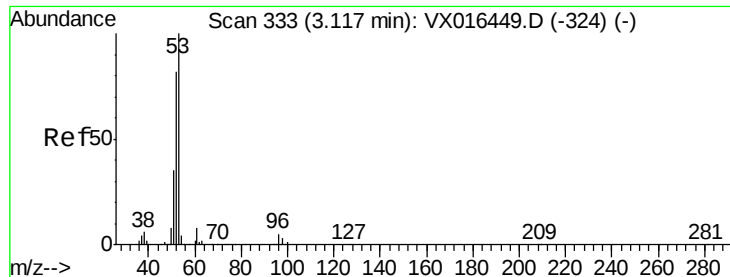
Ion Ratio Lower Upper

41 100

39 59.5 47.7 71.5

76 33.9 26.6 40.0

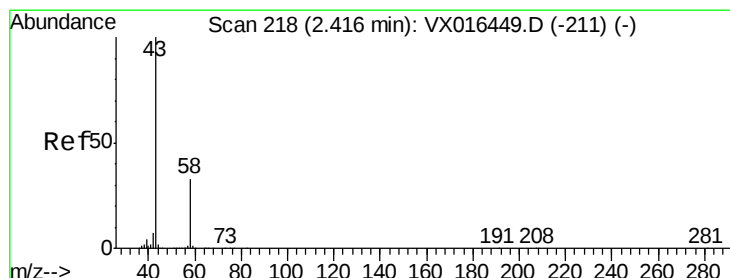
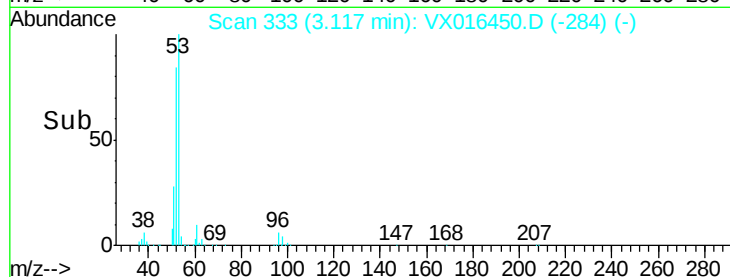
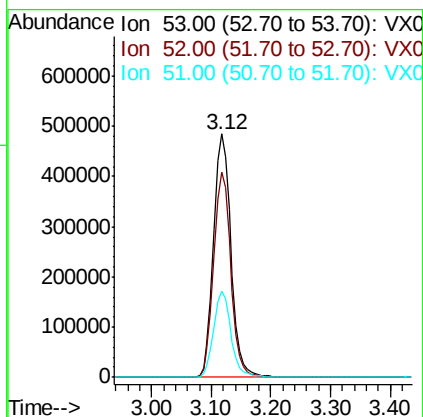
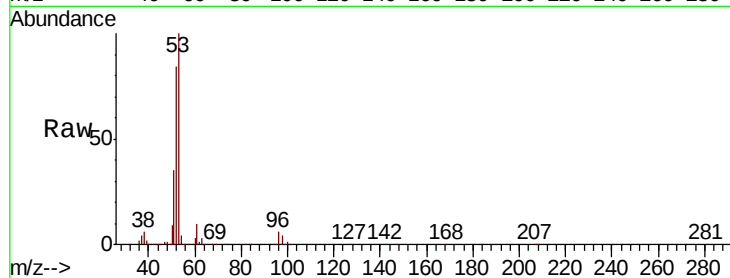




#15
 Acrylonitrile
 Concen: 501.633 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

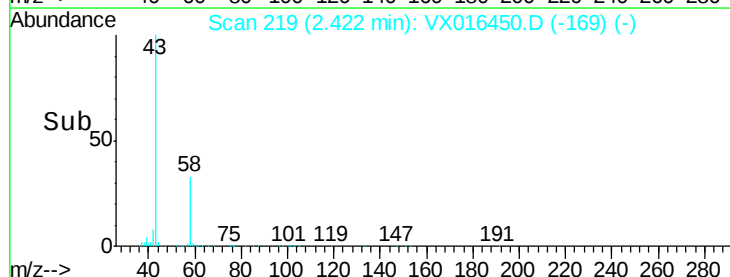
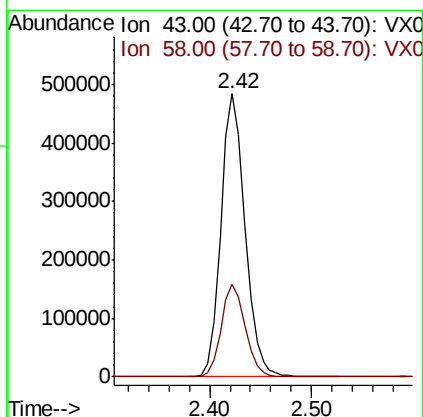
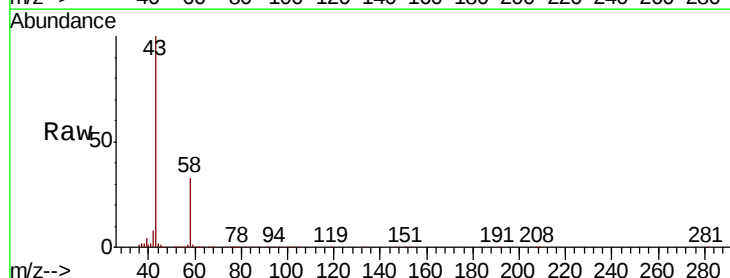
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

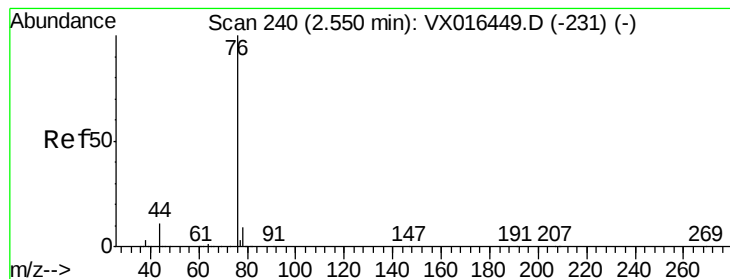
Tot Ion: 53 Resp: 975414
 Ion Ratio Lower Upper
 53 100
 52 83.2 66.7 100.1
 51 35.5 28.6 43.0



#16
 Acetone
 Concen: 481.406 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.01 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Tgt Ion: 43 Resp: 792945
 Ion Ratio Lower Upper
 43 100
 58 32.7 26.1 39.1





#17

Carbon Disulfide

Concen: 84.869 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

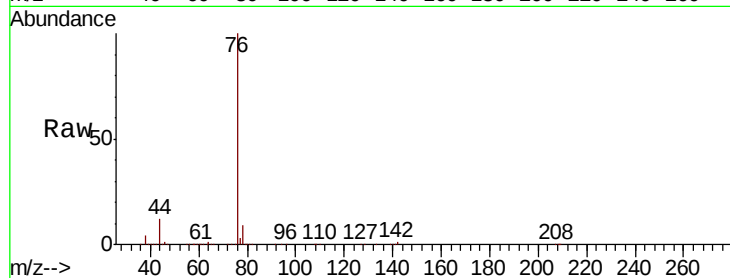
VSTDIC100

Tot Ion: 76 Resp: 837605

Ion Ratio Lower Upper

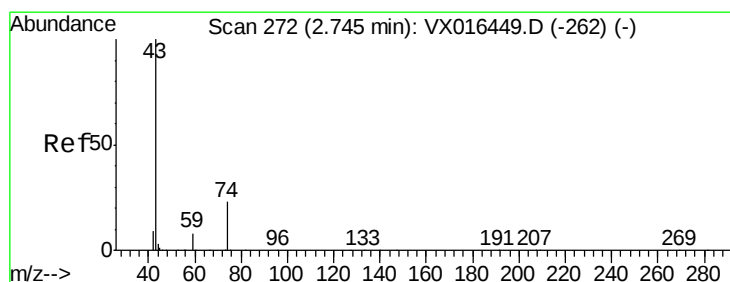
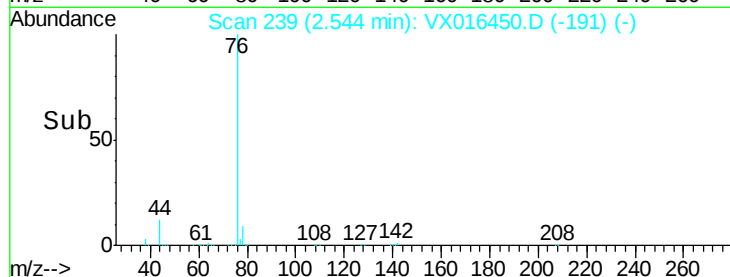
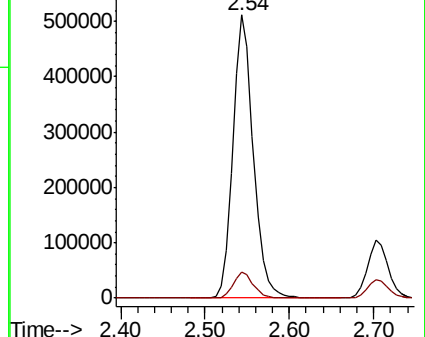
76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 101.009 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX016450.D

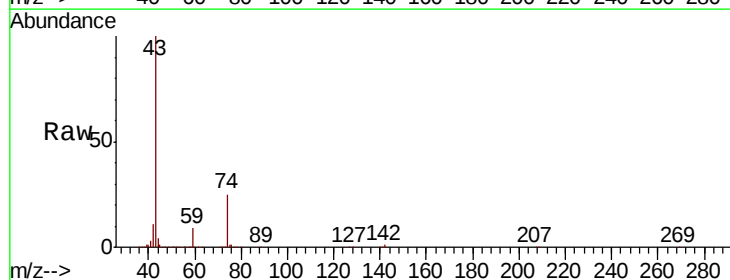
Acq: 27 May 2020 15:50

Tgt Ion: 43 Resp: 412367

Ion Ratio Lower Upper

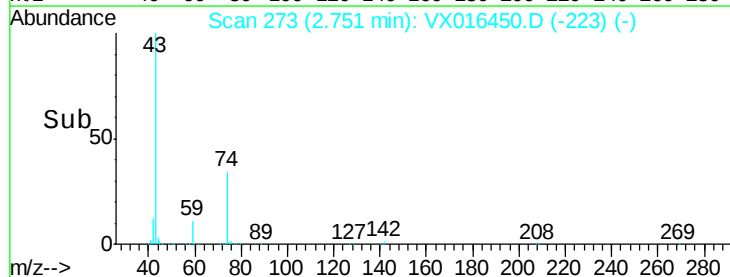
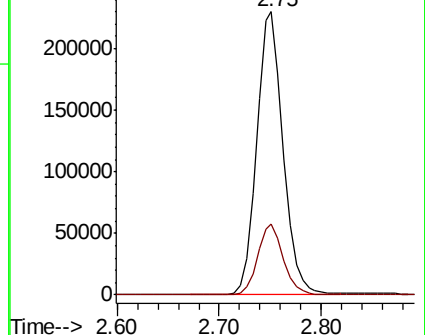
43 100

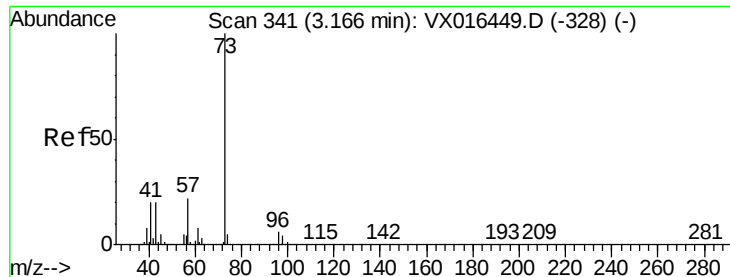
74 24.7 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





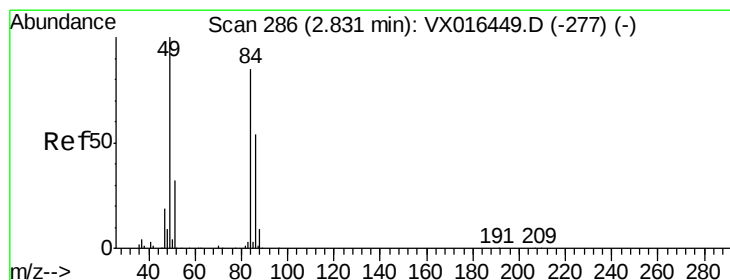
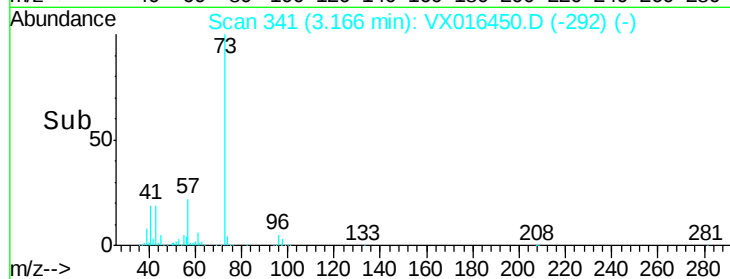
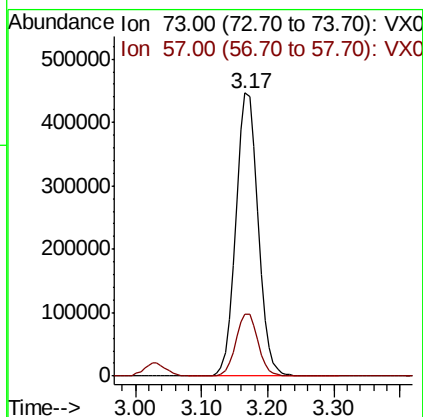
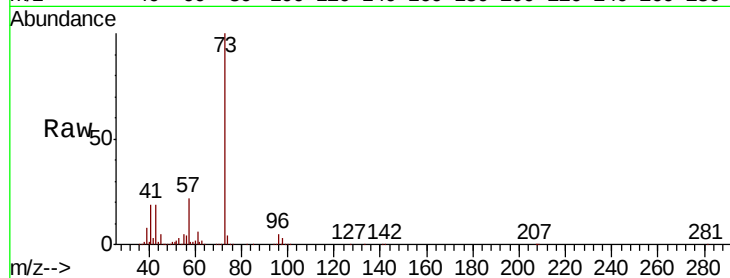
#19

Methyl tert-butyl Ether
 Concen: 102.670 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 73 Resp: 1036274

Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.8	26.6

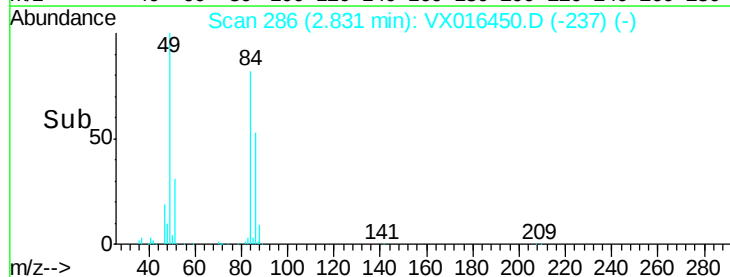
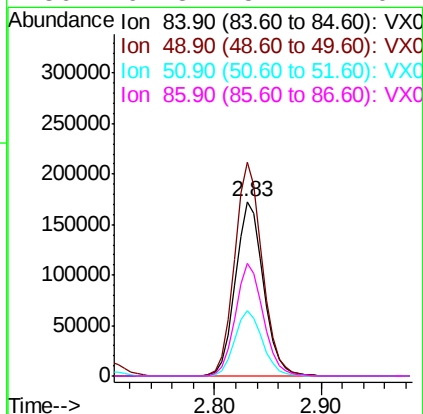
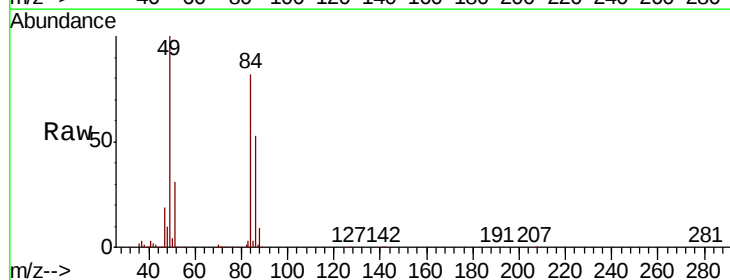


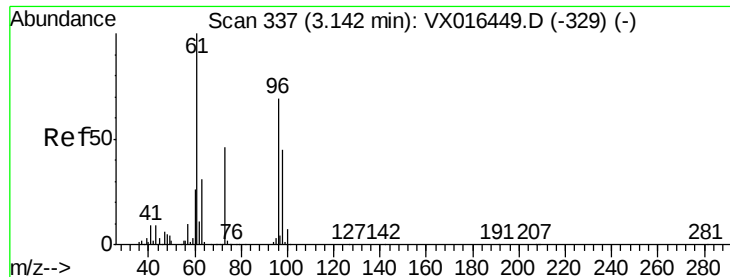
#20

Methylene Chloride
 Concen: 94.207 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Tgt Ion: 84 Resp: 320234

Ion	Ratio	Lower	Upper
84	100		
49	122.4	94.5	141.7
51	37.4	30.2	45.4
86	64.8	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 97.006 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

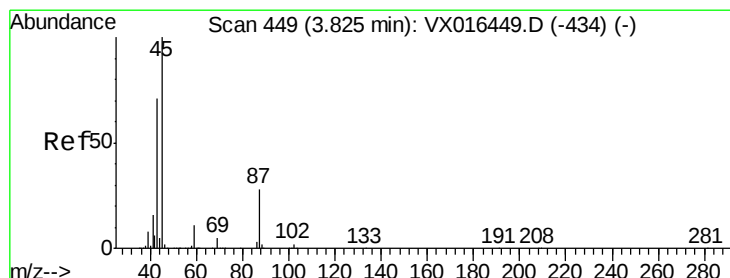
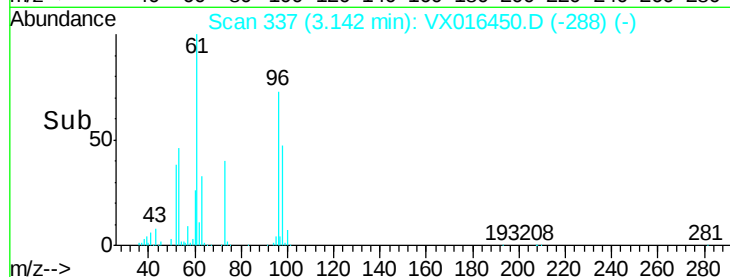
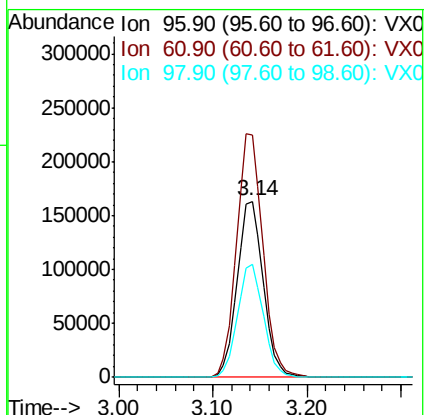
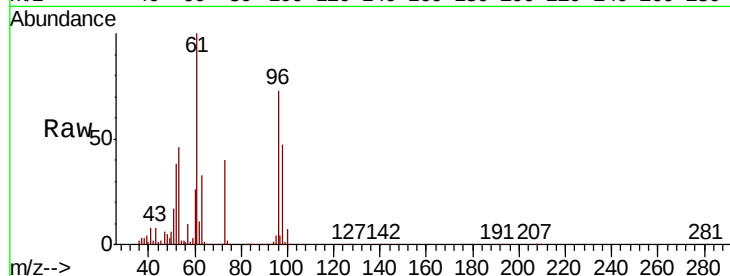
Tot Ion: 96 Resp: 315737

Ion Ratio Lower Upper

96 100

61 137.5 115.3 172.9

98 64.5 51.9 77.9



#22

Diisopropyl ether

Concen: 100.094 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Tgt Ion: 45 Resp: 1014533

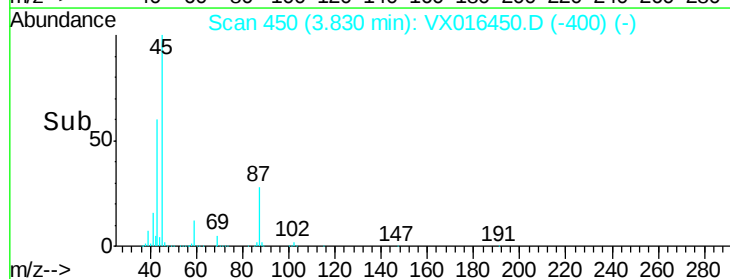
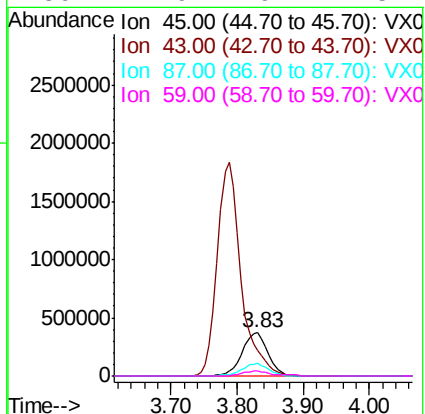
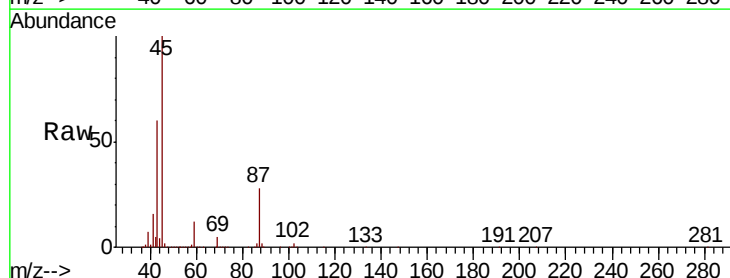
Ion Ratio Lower Upper

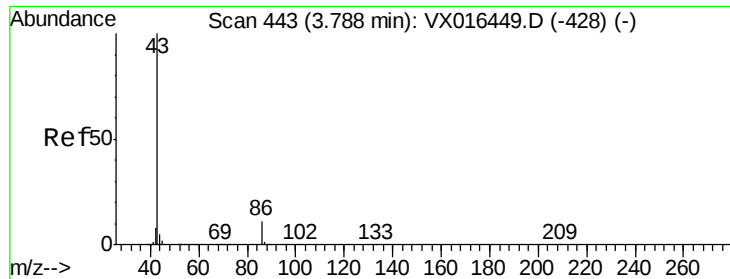
45 100

43 60.3 57.0 85.6

87 28.5 22.5 33.7

59 11.9 9.1 13.7





#23

Vinyl Acetate

Concen: 516.439 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

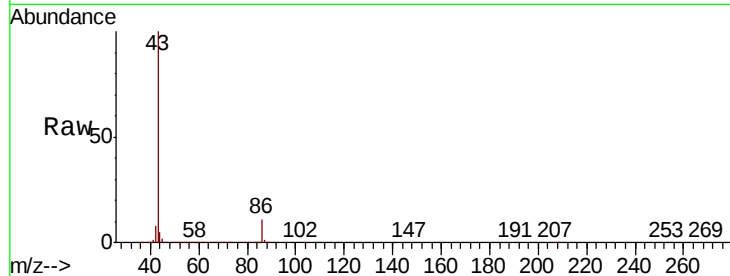
VSTDIC100

Tot Ion: 43 Resp: 4599379

Ion Ratio Lower Upper

43 100

86 11.0 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

2000000

1500000

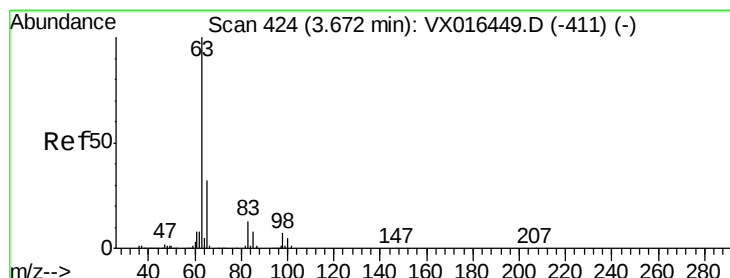
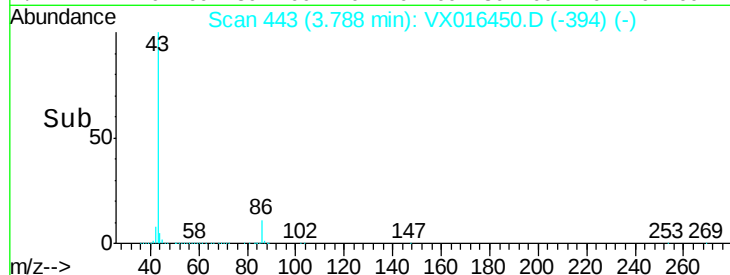
1000000

500000

0

3.60 3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 100.144 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

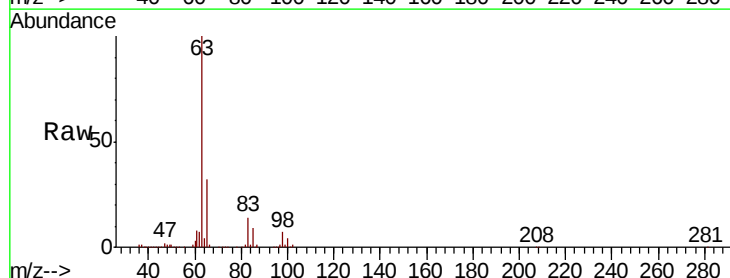
Tgt Ion: 63 Resp: 567530

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.9

100 4.4 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

300000

250000

200000

150000

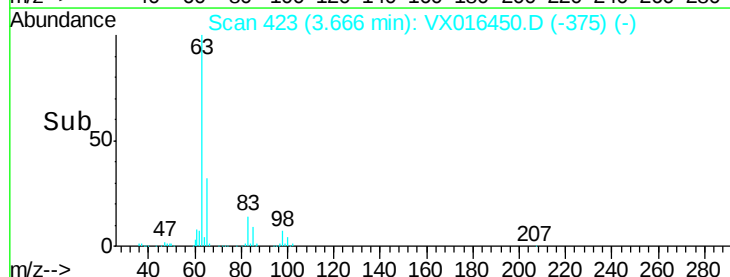
100000

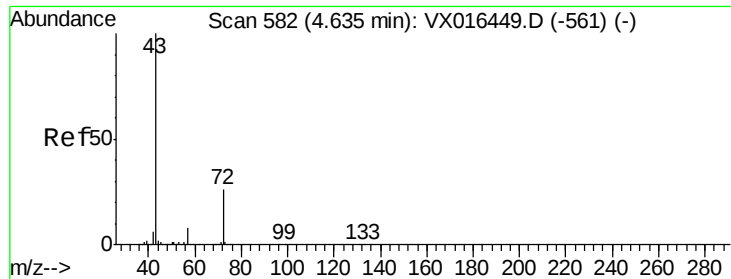
50000

0

3.50 3.60 3.70 3.80

Time-->

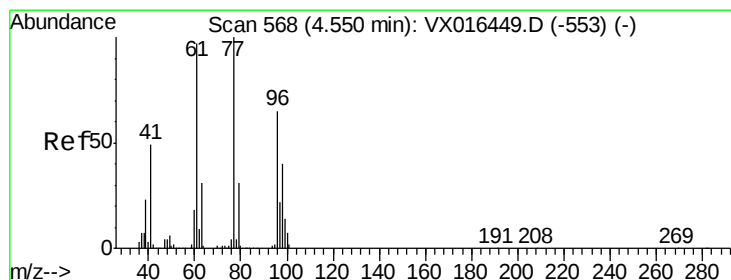
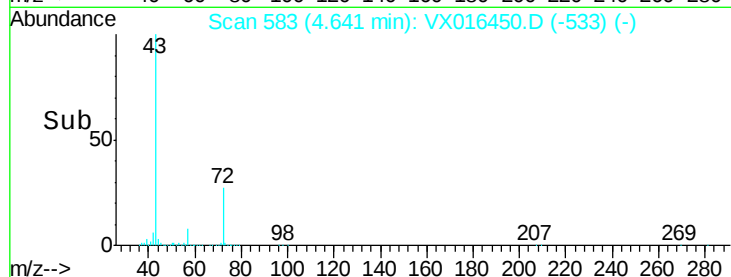
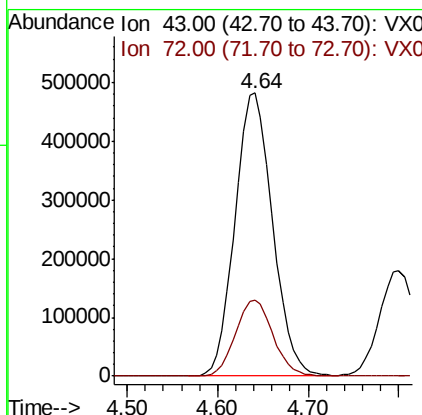
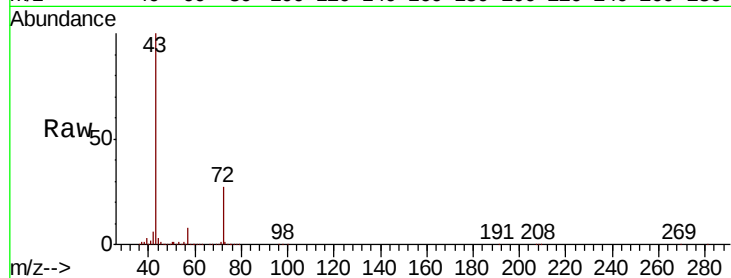




#25
2-Butanone
Concen: 518.351 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

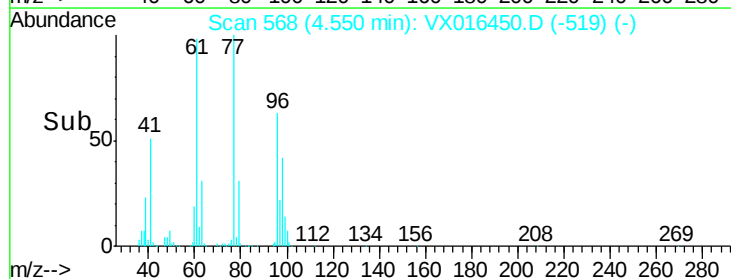
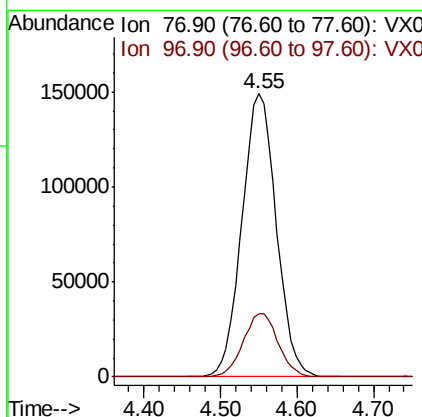
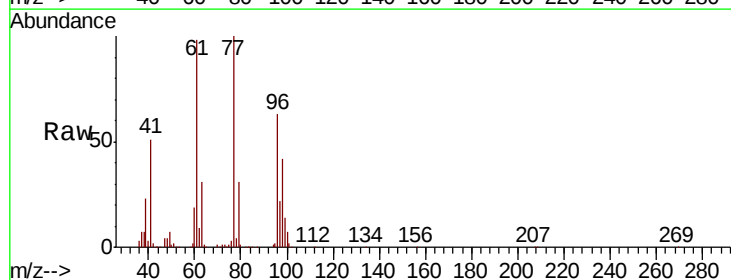
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

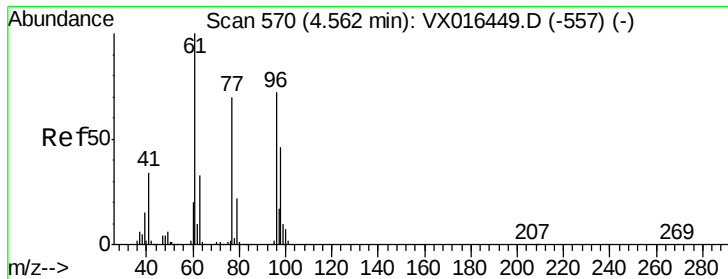
Tot Ion: 43 Resp: 1385822
Ion Ratio Lower Upper
43 100
72 26.9 21.0 31.6



#26
2,2-Dichloropropane
Concen: 91.923 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion: 77 Resp: 465800
Ion Ratio Lower Upper
77 100
97 22.8 11.5 34.4



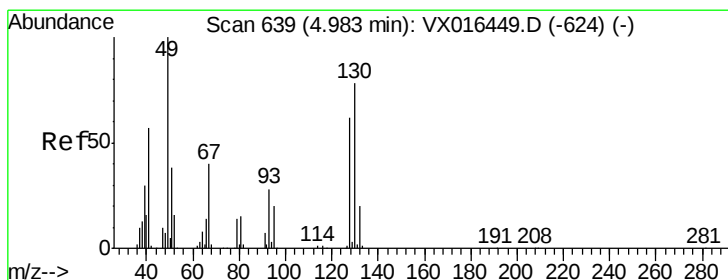
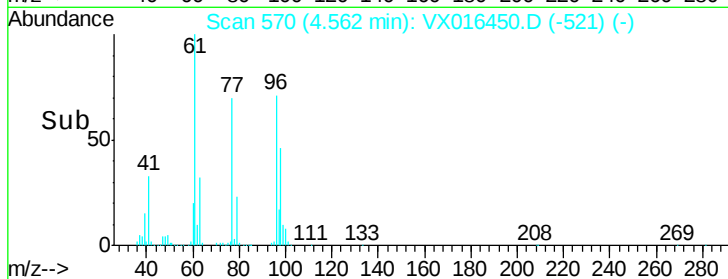
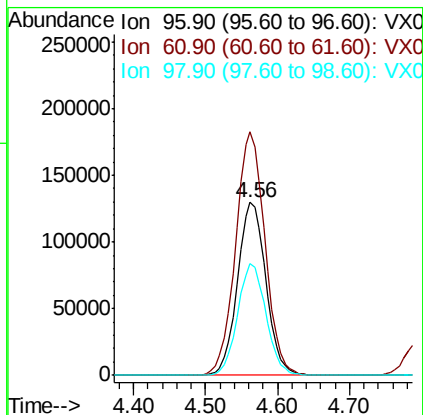
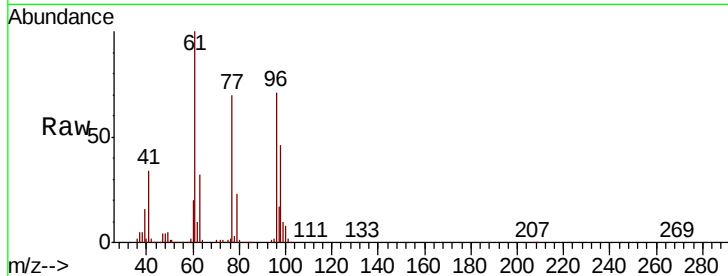


#27

cis-1,2-Dichloroethene
Concen: 99.866 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

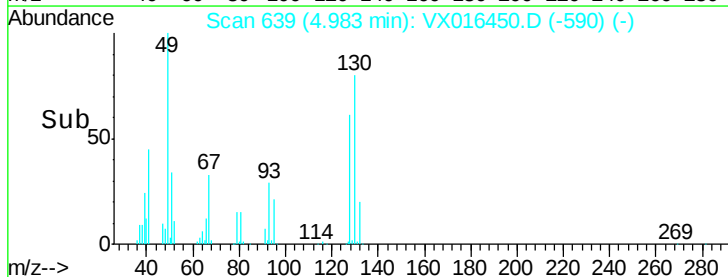
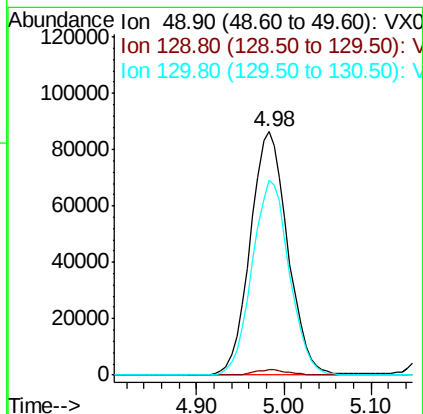
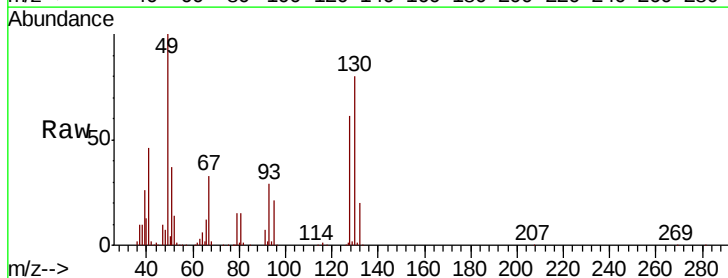
Tot Ion	96	Resp	356251
Ion Ratio	Lower	Upper	
96	100		
61	145.1	0.0	284.6
98	64.4	0.0	127.2

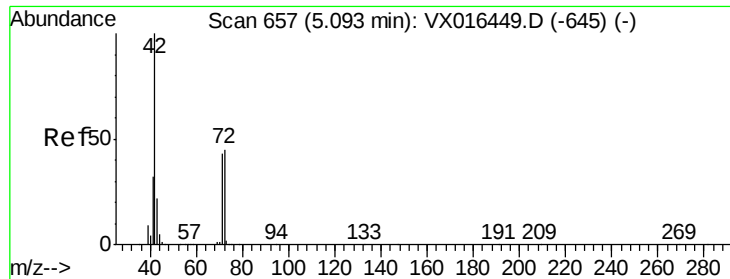


#28

Bromochloromethane
Concen: 99.705 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion	49	Resp	256560
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	4.0
130	79.7	63.0	94.4

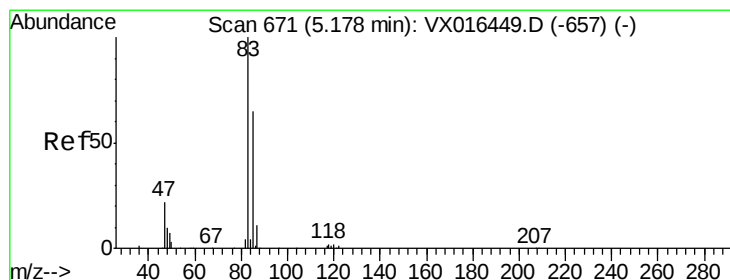
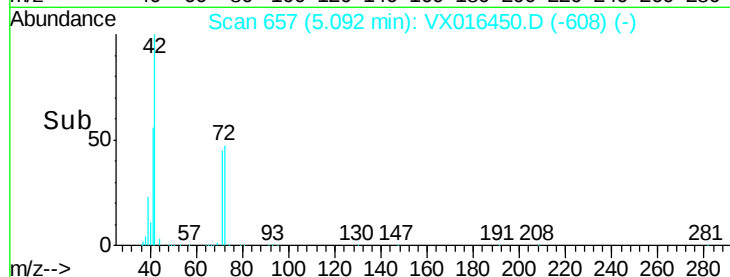
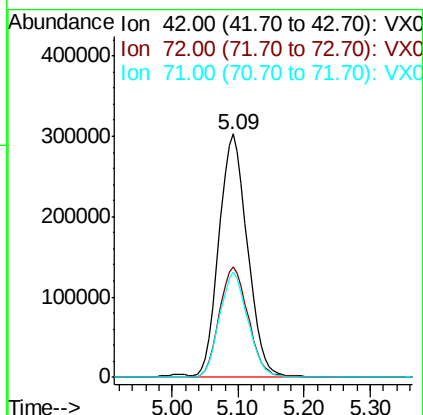
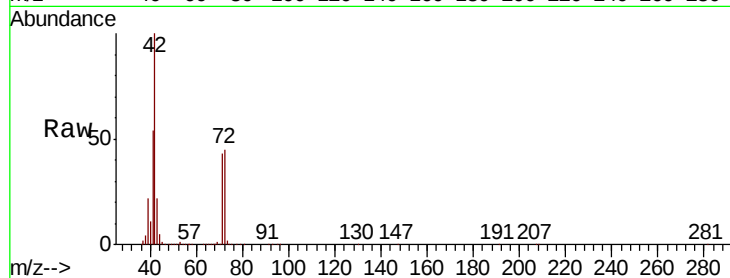




#29
Tetrahydrofuran
Concen: 511.086 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

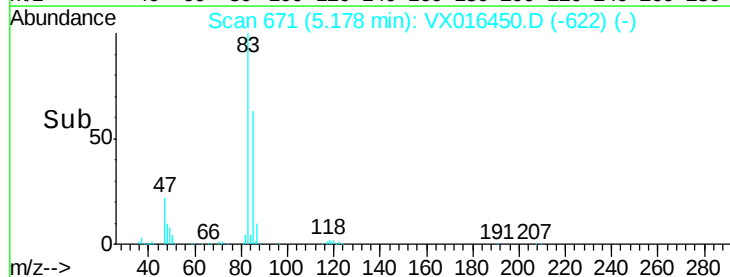
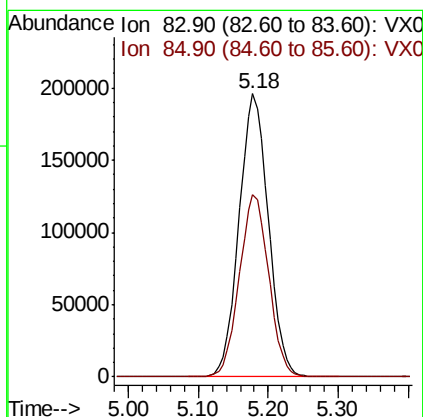
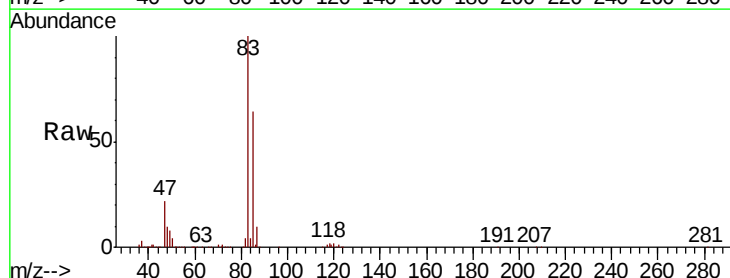
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

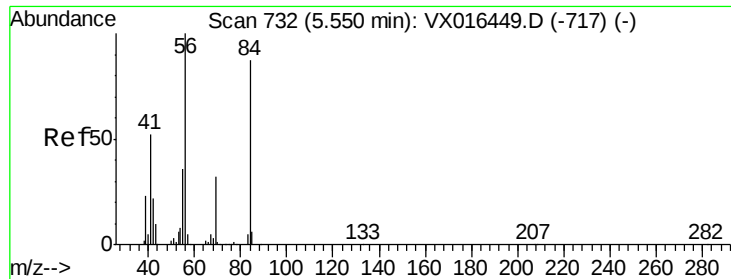
Tot Ion: 42 Resp: 904222
Ion Ratio Lower Upper
42 100
72 46.1 37.0 55.4
71 43.1 34.1 51.1



#30
Chloroform
Concen: 101.210 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion: 83 Resp: 570802
Ion Ratio Lower Upper
83 100
85 64.4 52.0 78.0

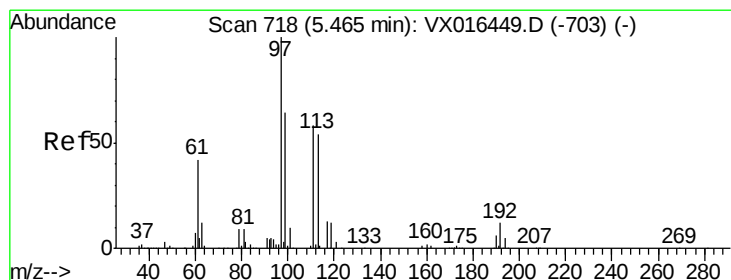
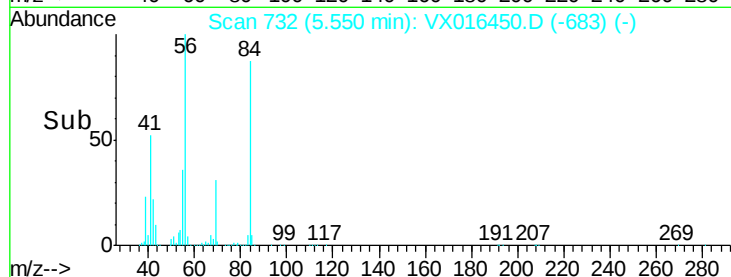
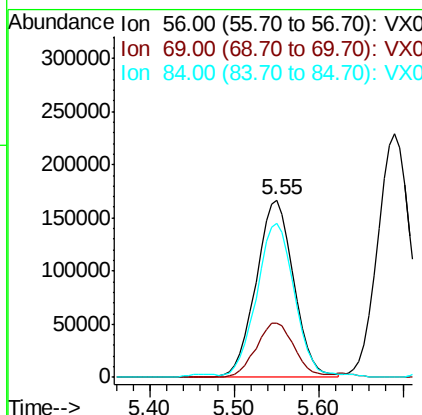
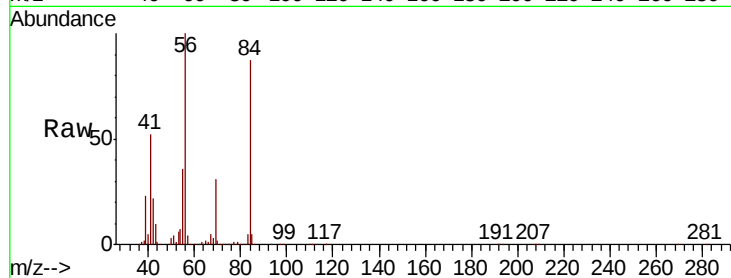




#31
Cyclohexane
Concen: 100.323 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

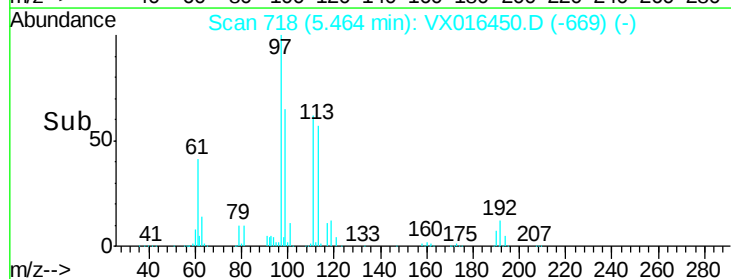
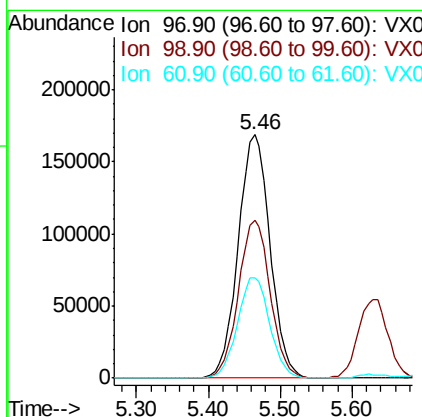
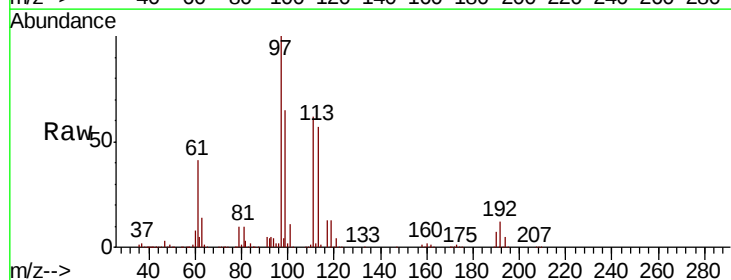
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

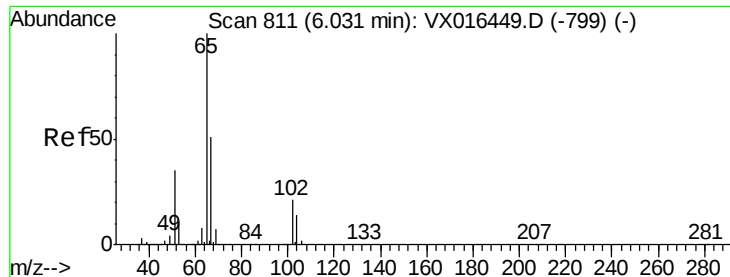
Tot Ion: 56 Resp: 511193
Ion Ratio Lower Upper
56 100
69 30.8 25.7 38.5
84 85.7 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 101.208 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion: 97 Resp: 519392
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.2
61 42.0 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 96.782 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

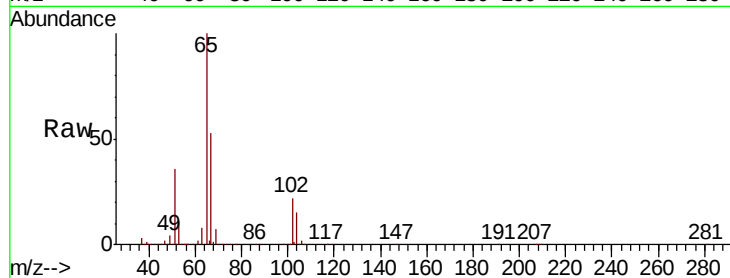
VSTDIC100

Tot Ion: 65 Resp: 358998

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

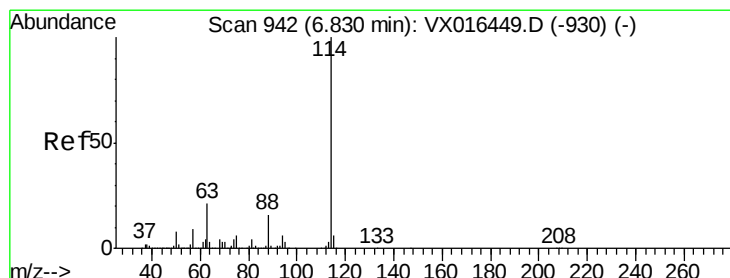
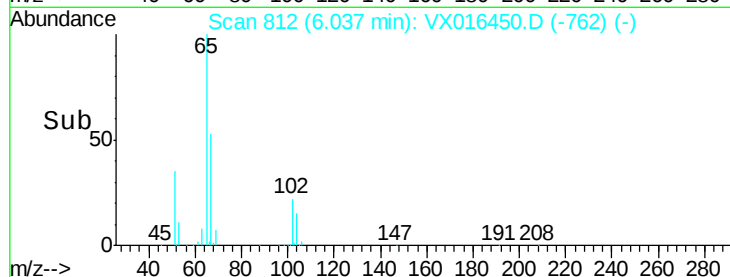
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

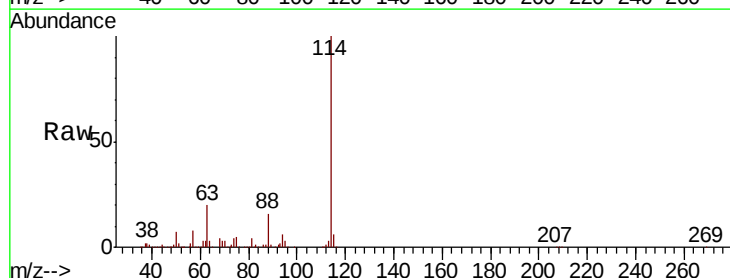
Tgt Ion: 114 Resp: 443821

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

88 15.8 0.0 32.8



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

250000

200000

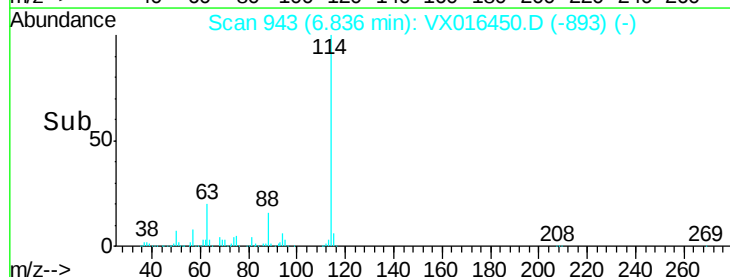
150000

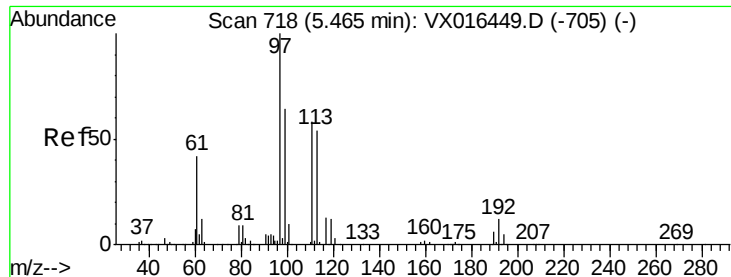
100000

50000

0

Time-->

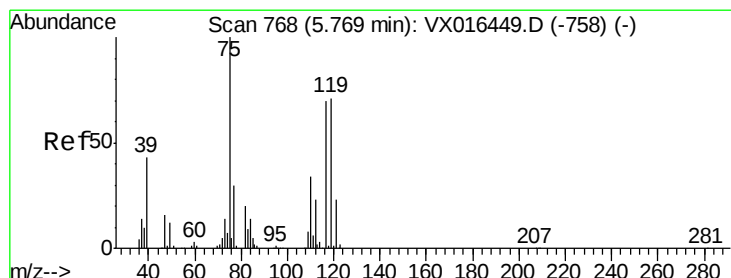
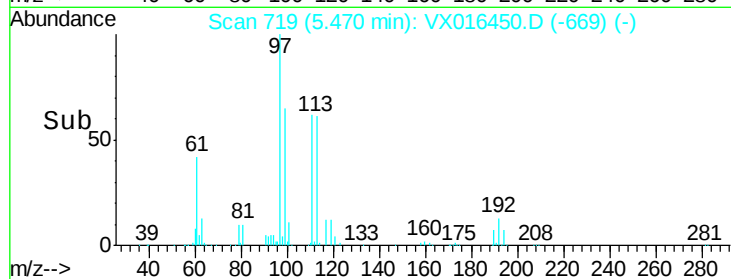
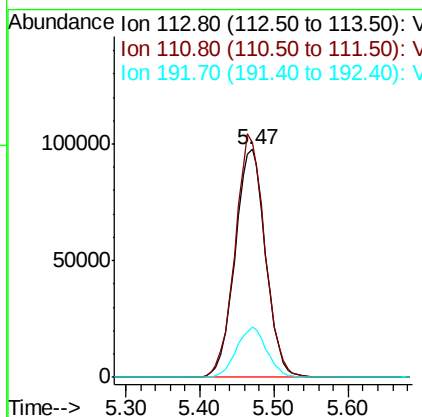
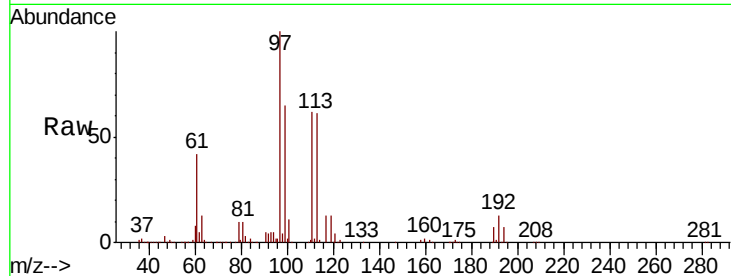




#35
 Dibromofluoromethane
 Concen: 99.626 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

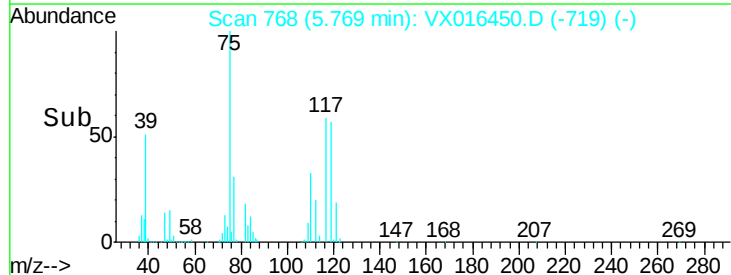
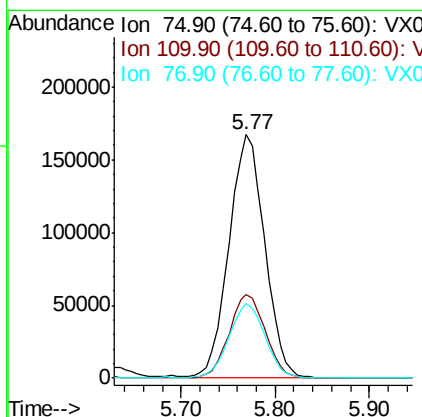
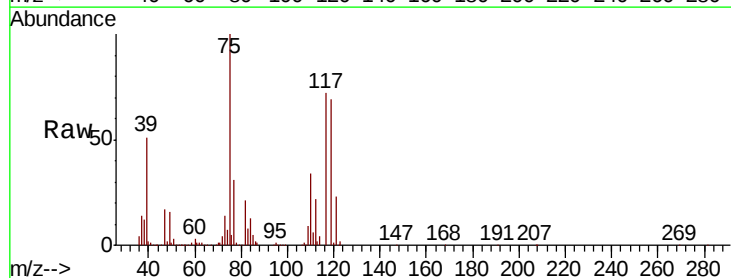
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

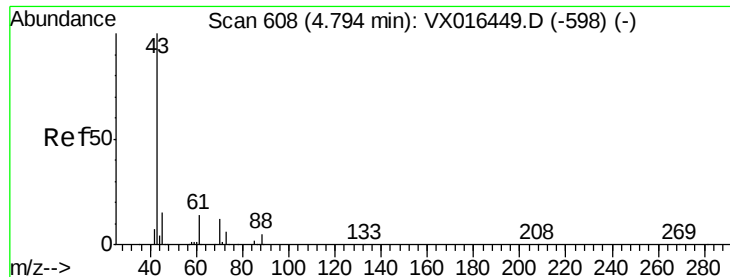
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.0	124.6
192	21.7	17.7	26.5



#36
 1,1-Dichloropropene
 Concen: 100.553 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.4	52.3
77	31.0	24.2	36.4

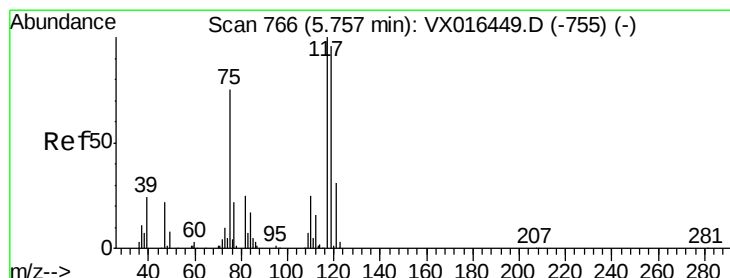
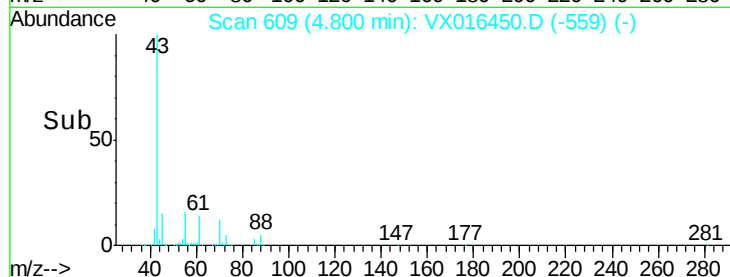
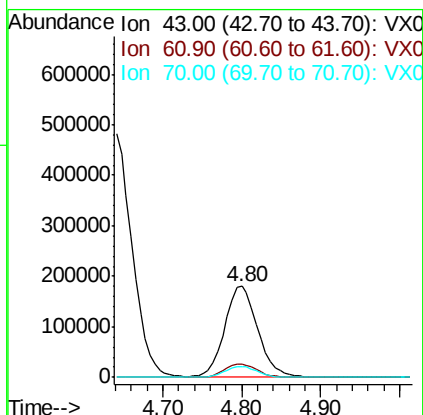
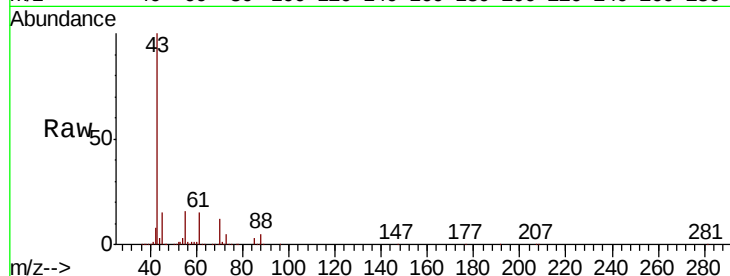




#37
Ethyl Acetate
Concen: 102.814 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

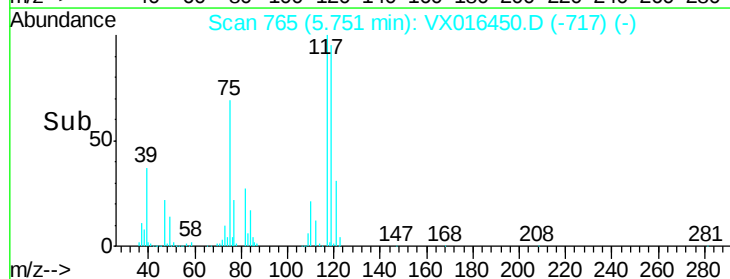
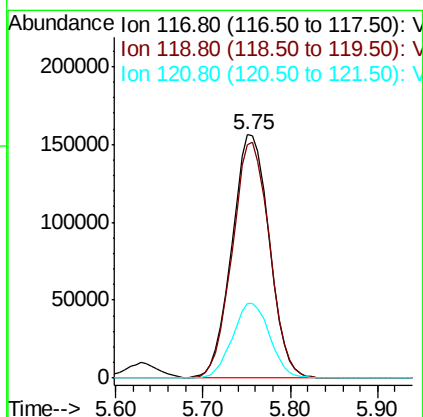
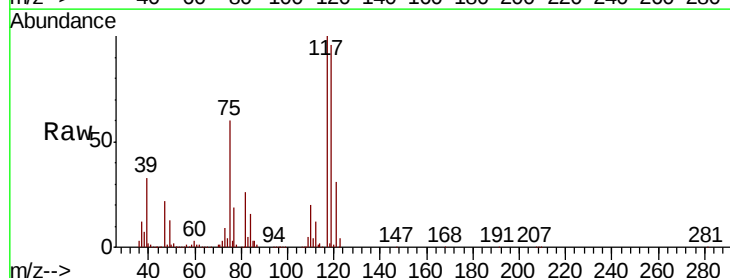
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

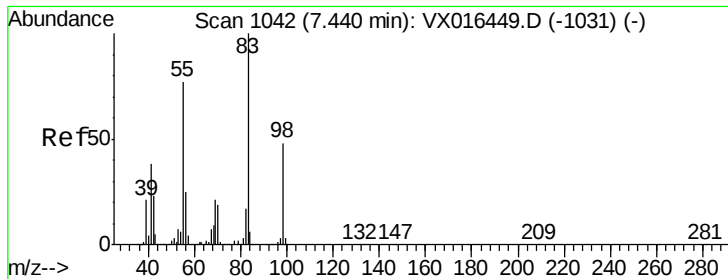
Tot Ion: 43 Resp: 522480
Ion Ratio Lower Upper
43 100
61 14.6 11.3 16.9
70 11.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 104.065 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion: 117 Resp: 464532
Ion Ratio Lower Upper
117 100
119 95.5 76.3 114.5
121 30.7 24.6 37.0

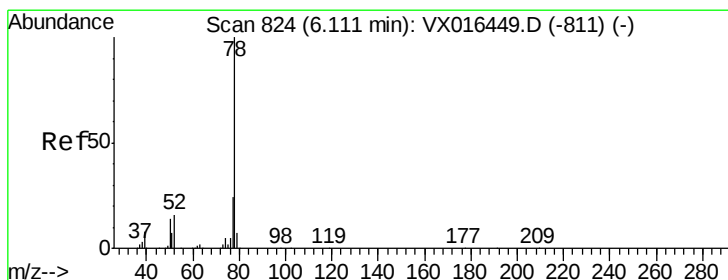
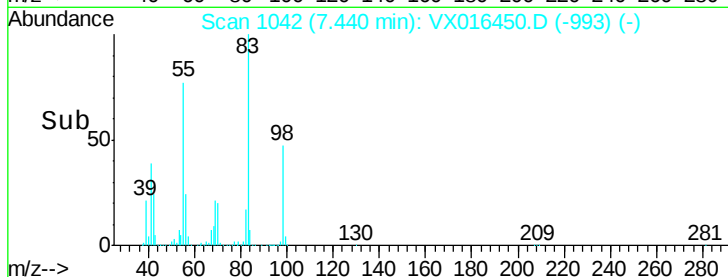
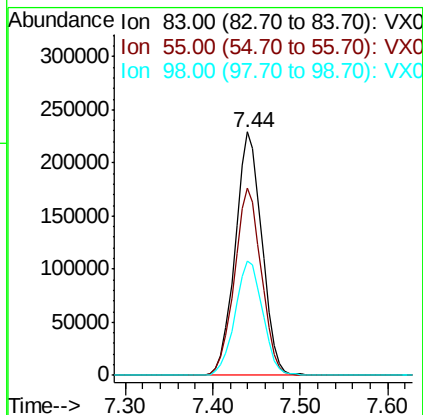
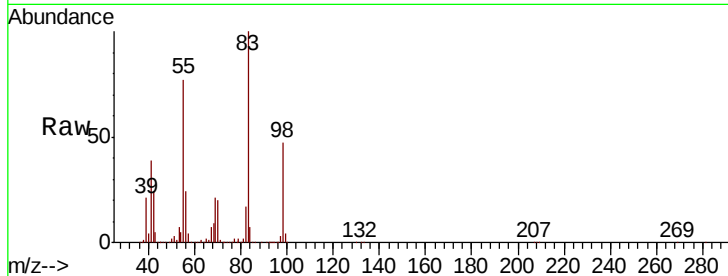




#39
Methvlcvclohexane
Concen: 93.998 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

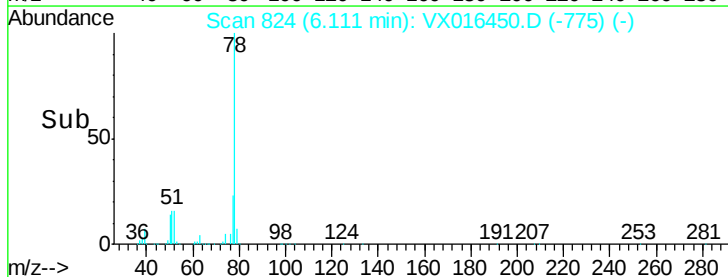
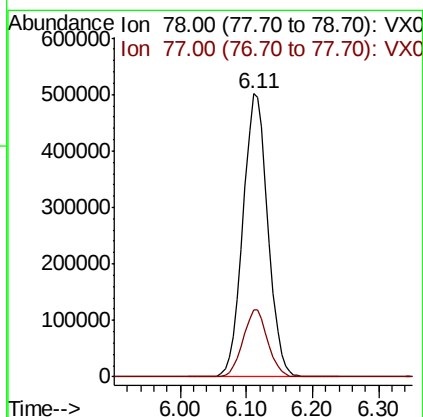
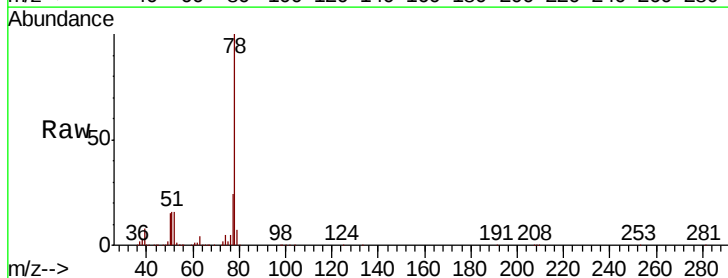
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

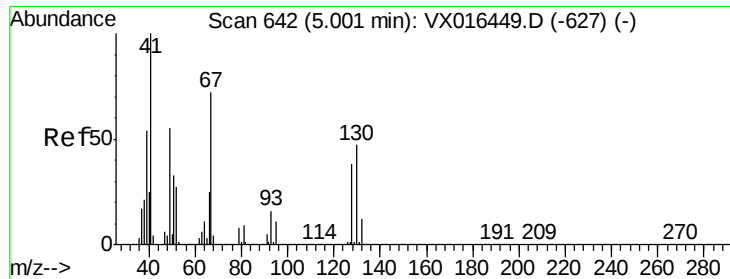
Tot Ion: 83 Resp: 486352
Ion Ratio Lower Upper
83 100
55 77.0 61.7 92.5
98 47.0 38.7 58.1



#40
Benzene
Concen: 102.049 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion: 78 Resp: 1310034
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3





#41

Methacrylonitrile

Concen: 105.925 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 41 Resp: 290128

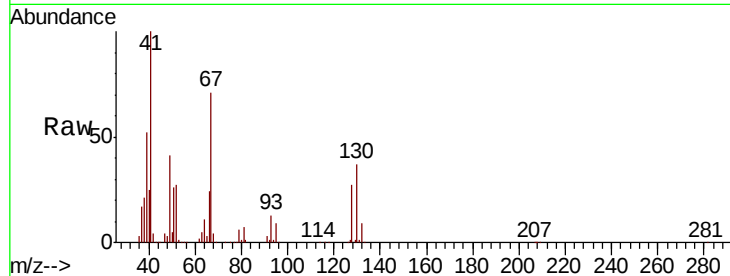
Ion Ratio Lower Upper

41 100

39 52.7 43.0 64.4

67 71.4 58.9 88.3

52 27.9 23.1 34.7

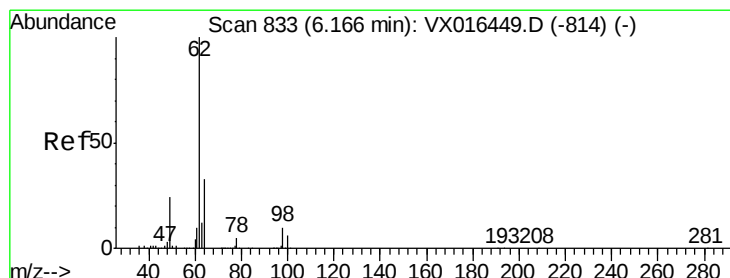
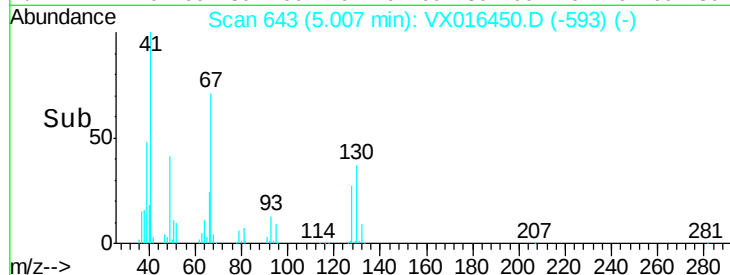
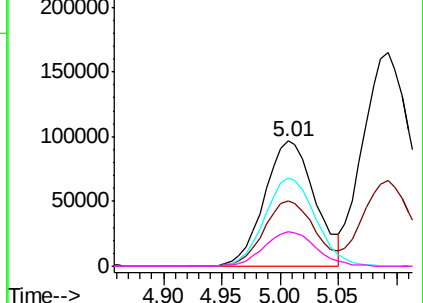


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 100.477 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX016450.D

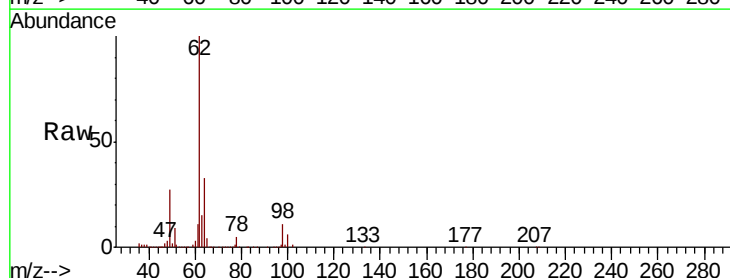
Acq: 27 May 2020 15:50

Tgt Ion: 62 Resp: 463966

Ion Ratio Lower Upper

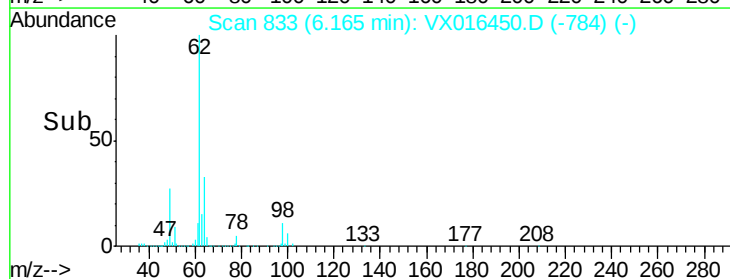
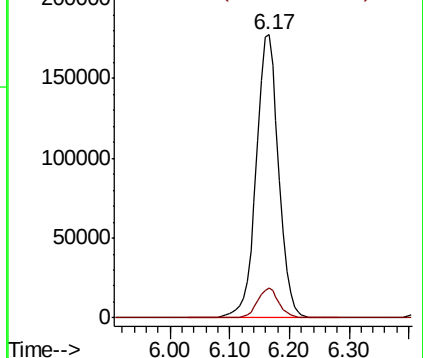
62 100

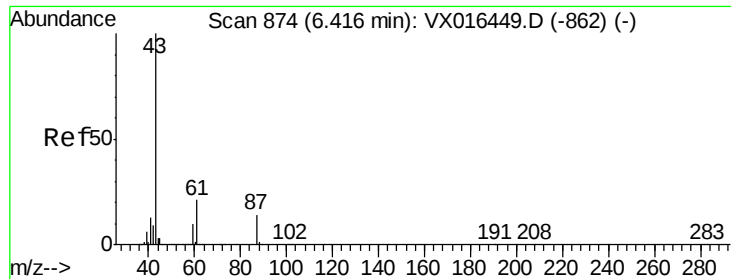
98 10.0 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 102.479 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

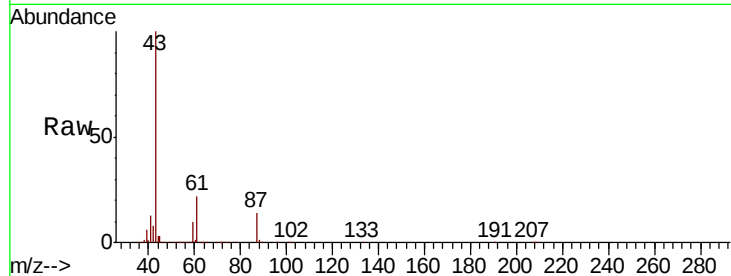
Tot Ion: 43 Resp: 828931

Ion Ratio Lower Upper

43 100

61 21.3 16.8 25.2

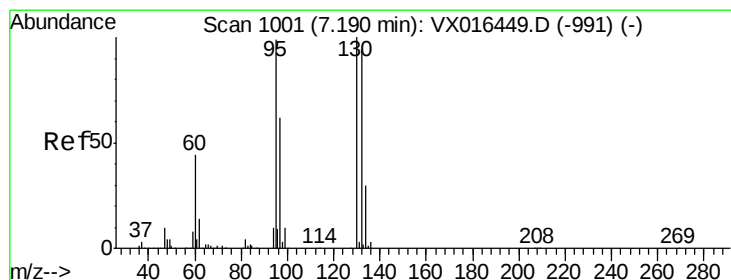
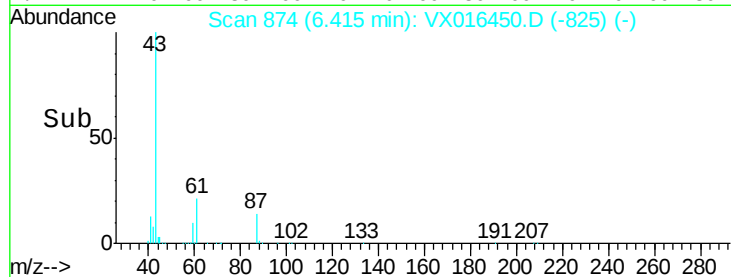
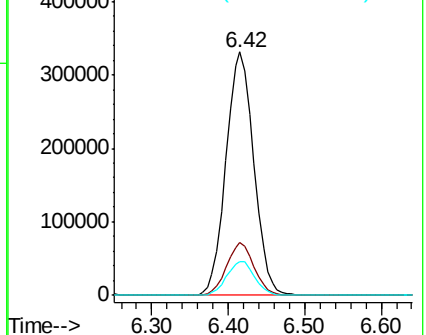
87 14.1 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 87.635 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016450.D

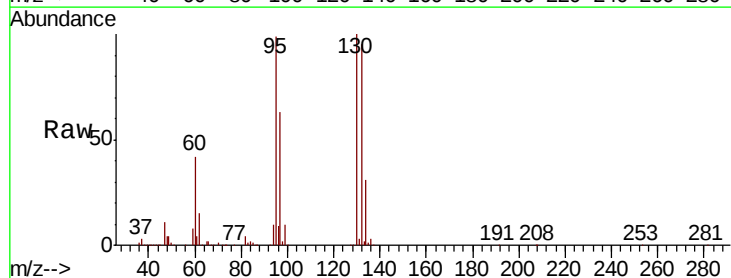
Acq: 27 May 2020 15:50

Tgt Ion:130 Resp: 392457

Ion Ratio Lower Upper

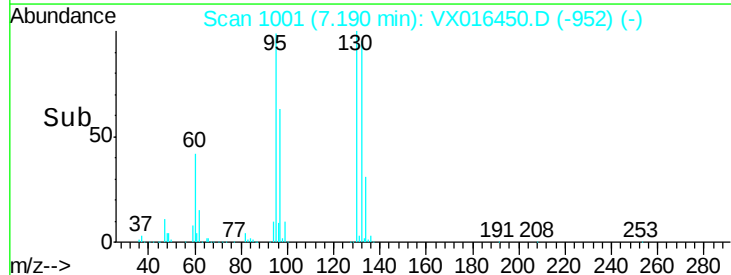
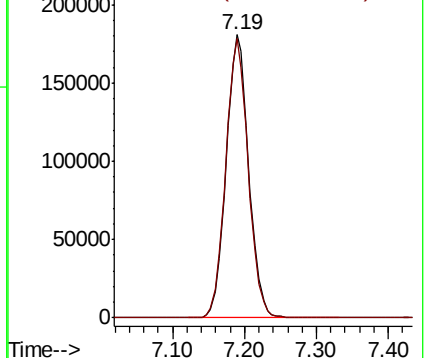
130 100

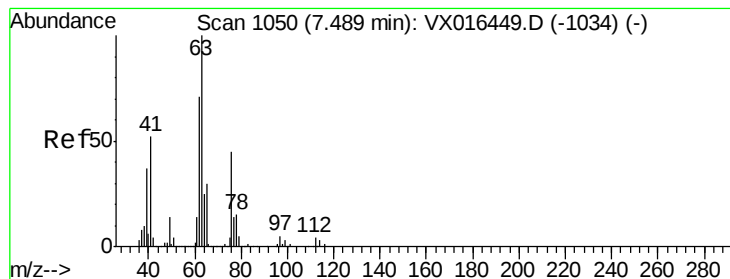
95 98.8 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 103.584 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

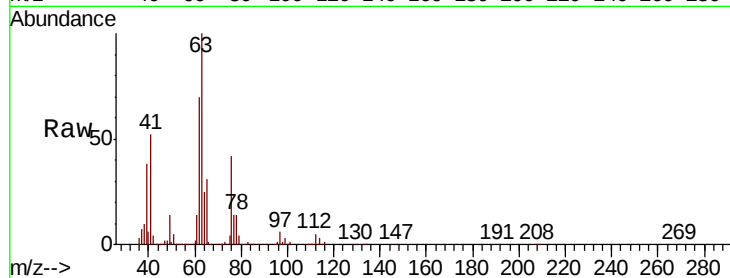
VSTDIC100

Tot Ion: 63 Resp: 335940

Ion Ratio Lower Upper

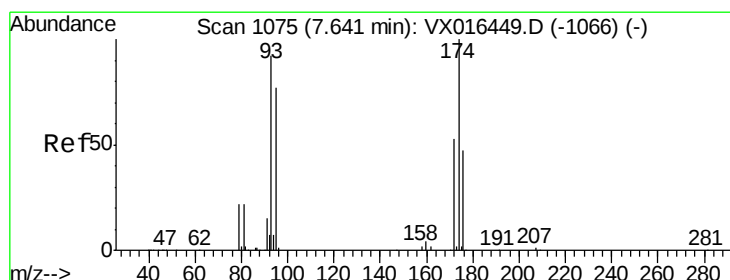
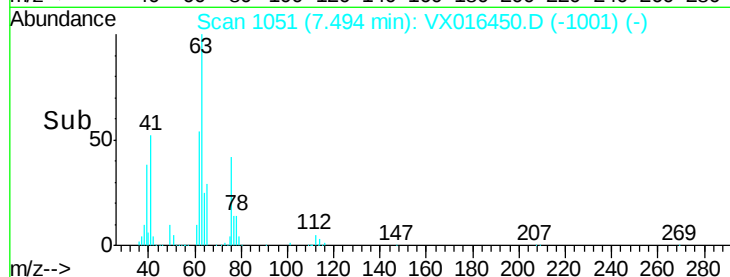
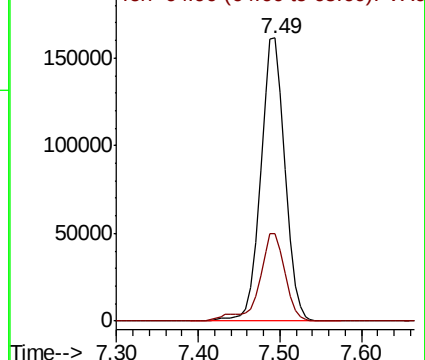
63 100

65 30.8 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 101.632 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

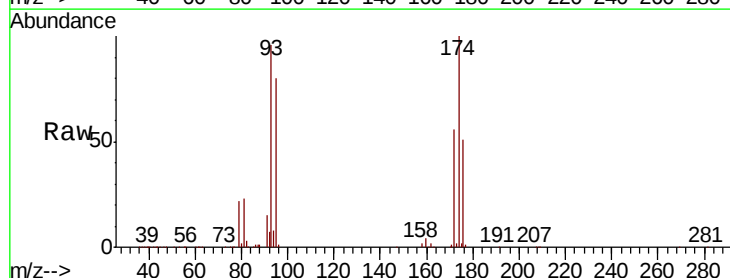
Tgt Ion: 93 Resp: 223960

Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

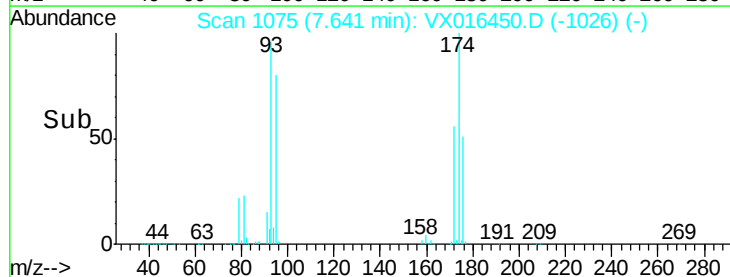
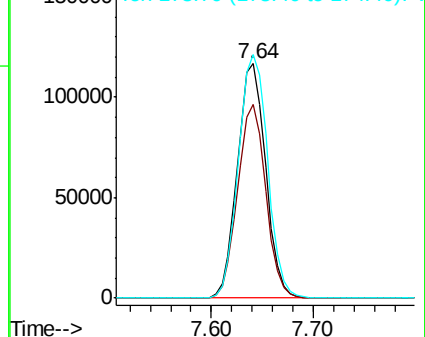
174 107.4 86.2 129.4

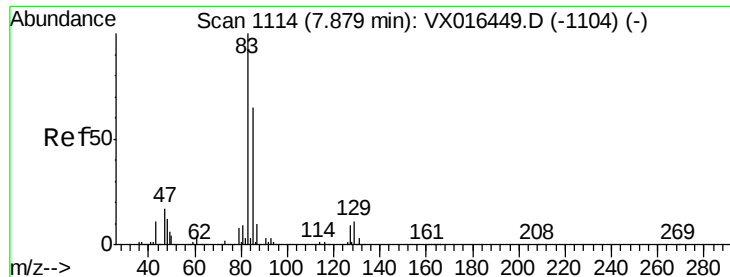


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 105.485 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

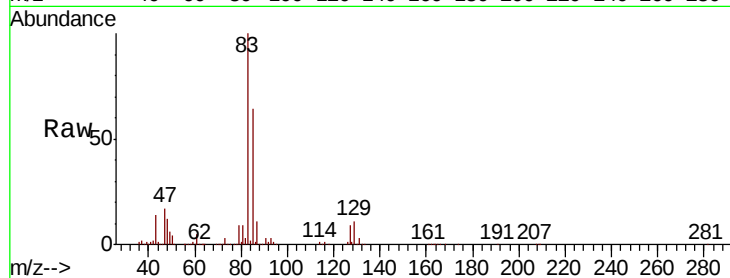
Tot Ion: 83 Resp: 473648

Ion Ratio Lower Upper

83 100

85 63.6 52.0 78.0

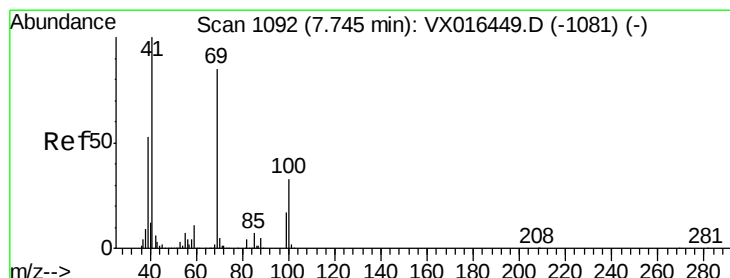
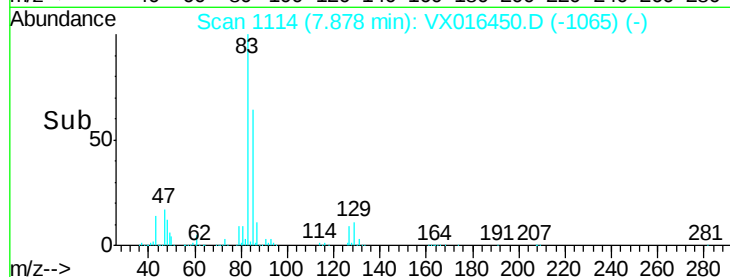
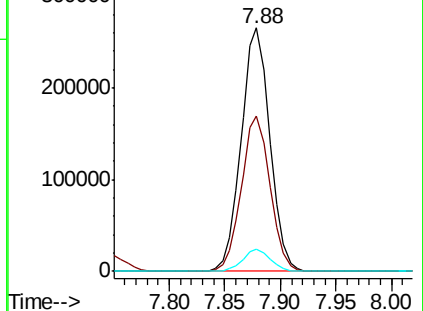
127 8.9 7.4 11.0



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: 105.554 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

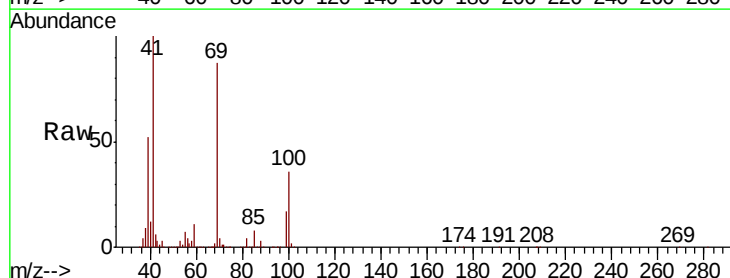
Tgt Ion: 41 Resp: 405775

Ion Ratio Lower Upper

41 100

69 86.1 68.6 102.8

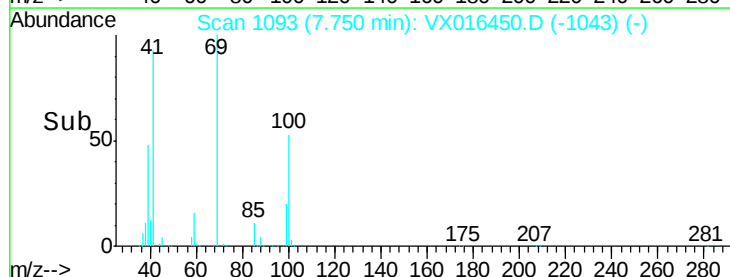
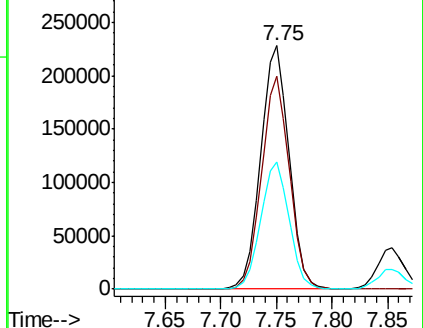
39 52.1 42.4 63.6

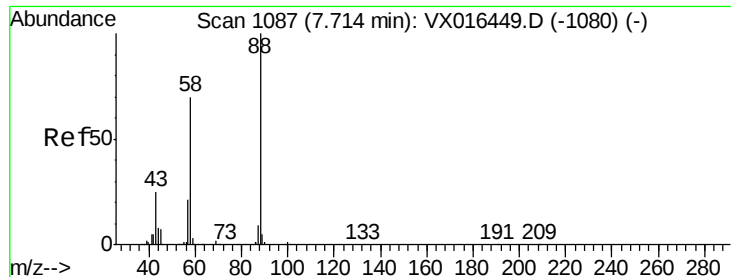


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 2010.203 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

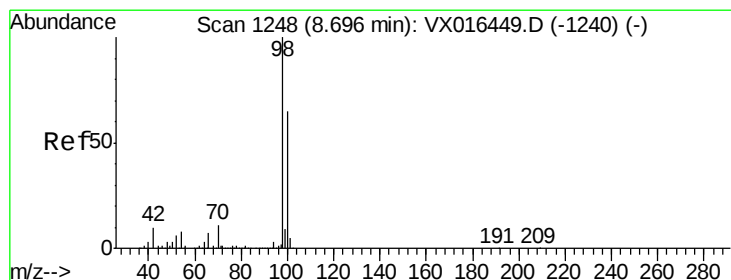
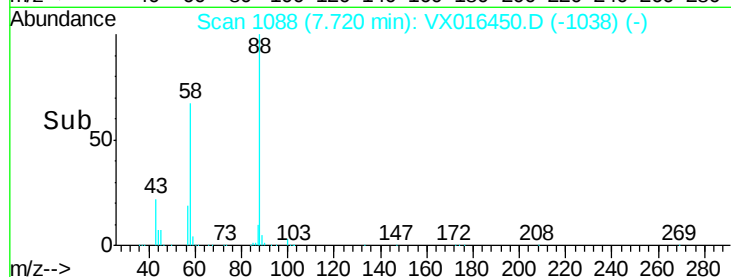
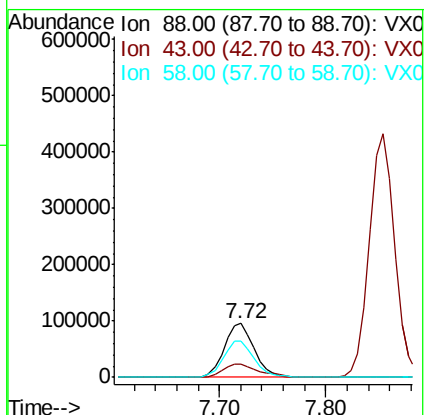
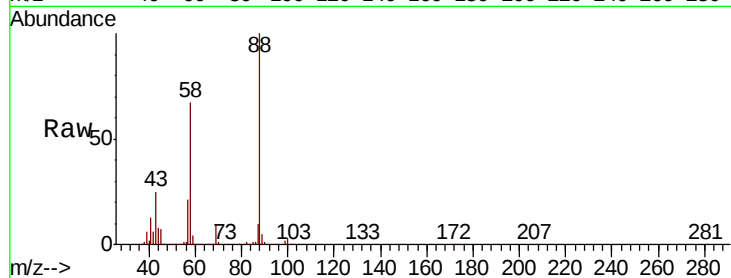
Tot Ion: 88 Resp: 184807

Ion Ratio Lower Upper

88 100

43 30.5 24.2 36.4

58 70.5 56.5 84.7



#50

Toluene-d8

Concen: 102.101 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016450.D

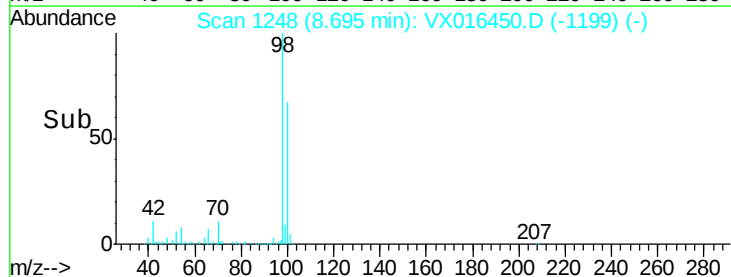
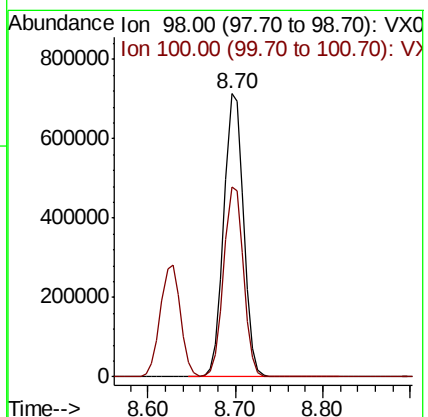
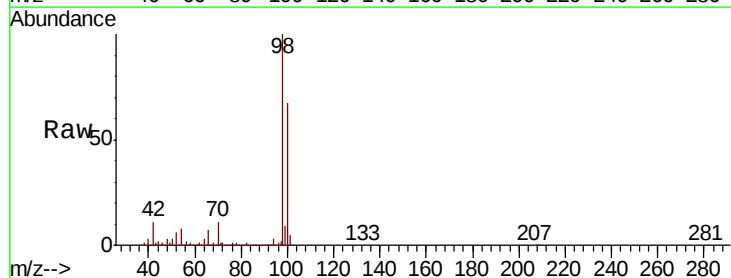
Acq: 27 May 2020 15:50

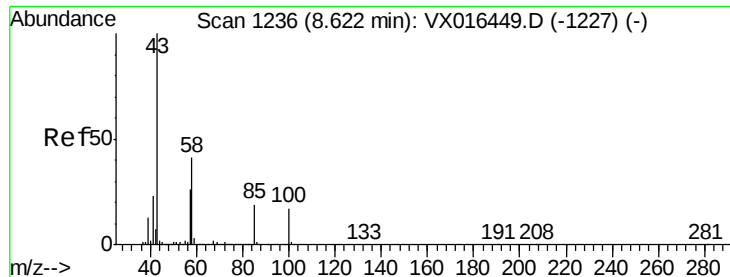
Tgt Ion: 98 Resp: 1113711

Ion Ratio Lower Upper

98 100

100 67.4 53.8 80.6





#51

4-Methyl-2-Pentanone

Concen: 529.286 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

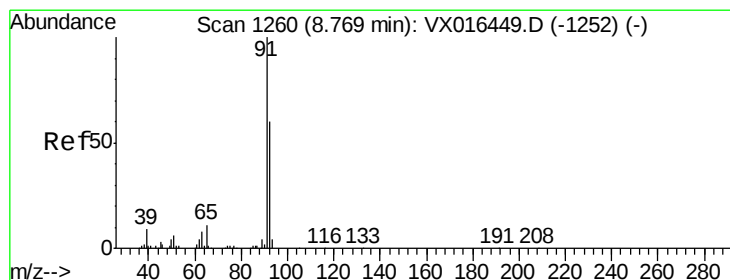
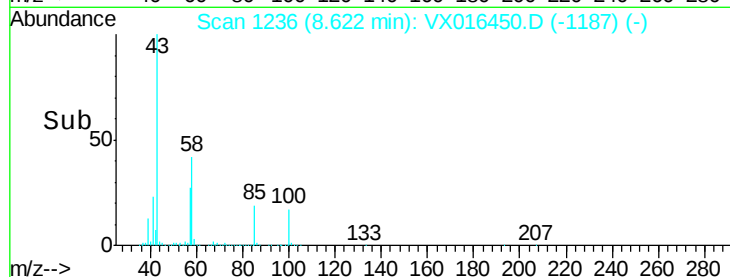
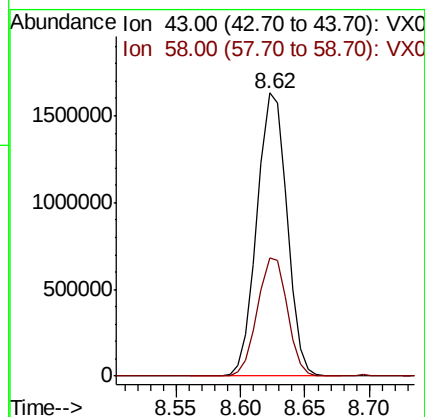
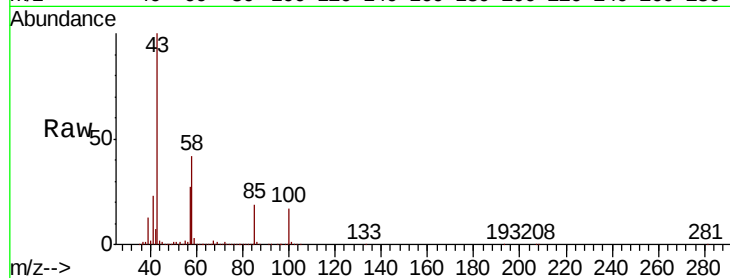
VSTDIC100

Tot Ion: 43 Resp: 2627967

Ion Ratio Lower Upper

43 100

58 41.7 33.0 49.6



#52

Toluene

Concen: 104.971 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016450.D

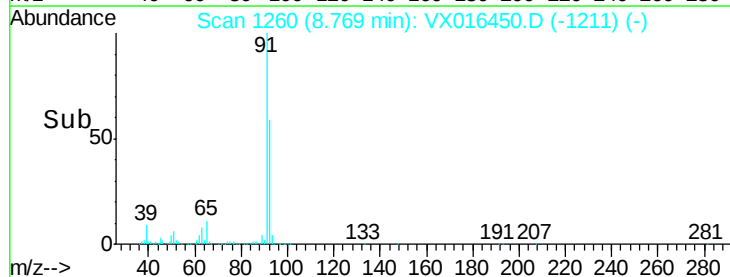
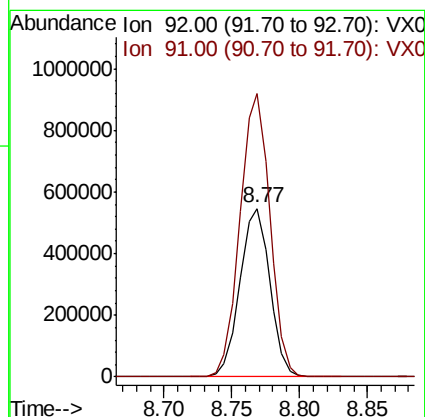
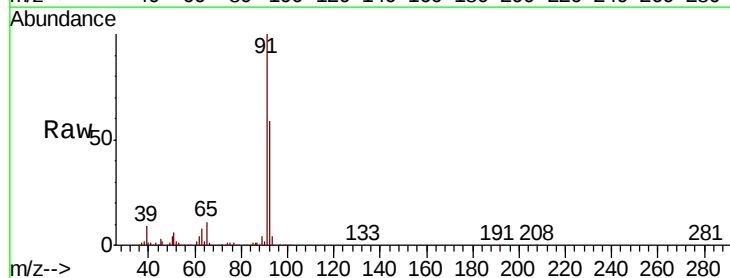
Acq: 27 May 2020 15:50

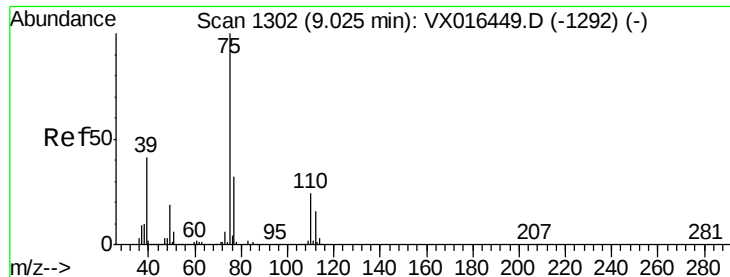
Tgt Ion: 92 Resp: 839844

Ion Ratio Lower Upper

92 100

91 168.3 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 103.681 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

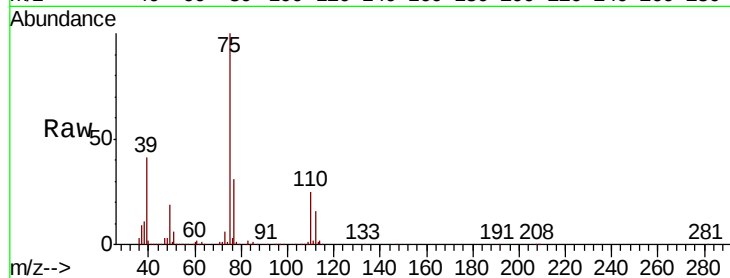
VSTDIC100

Tot Ion: 75 Resp: 553095

Ion Ratio Lower Upper

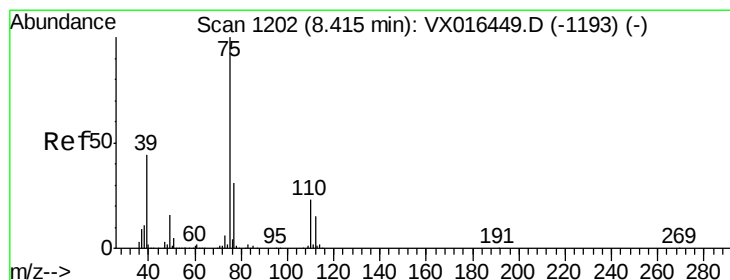
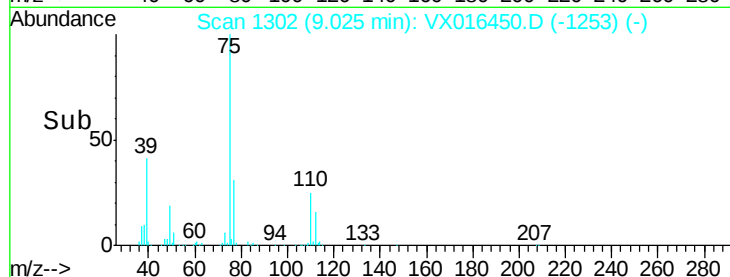
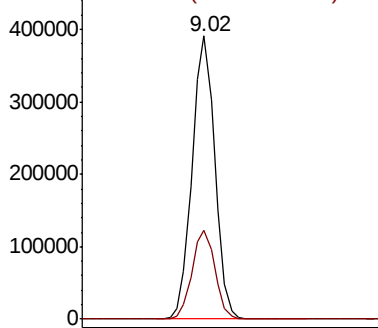
75 100

77 31.3 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 103.188 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

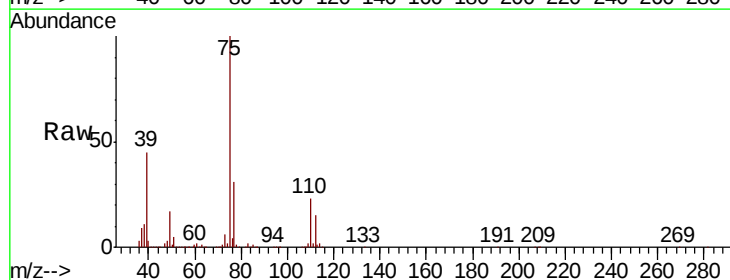
Tgt Ion: 75 Resp: 575351

Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8

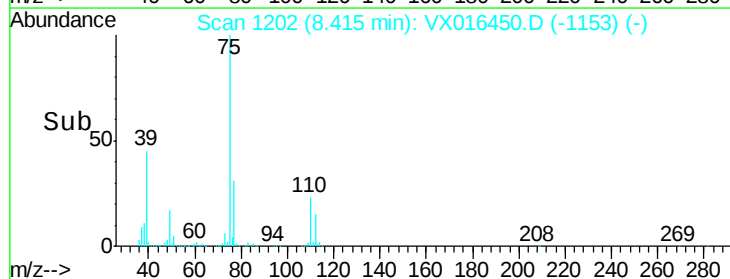
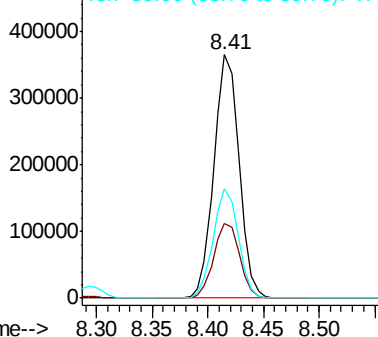
39 44.6 35.3 52.9

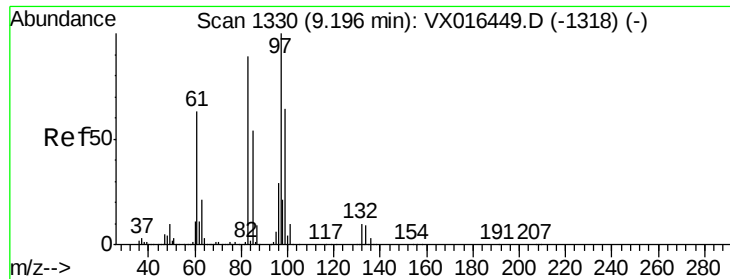


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

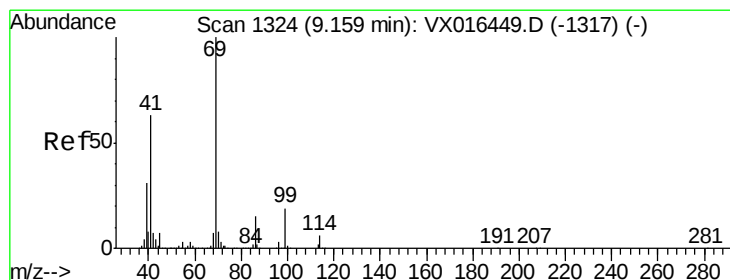
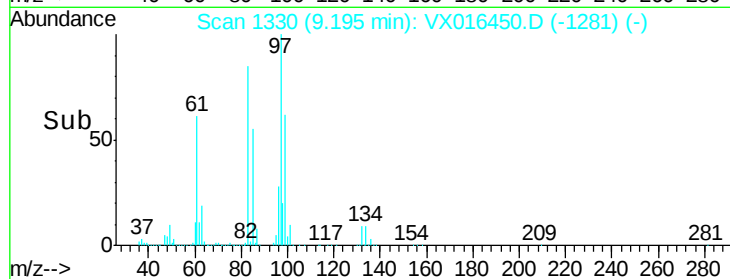
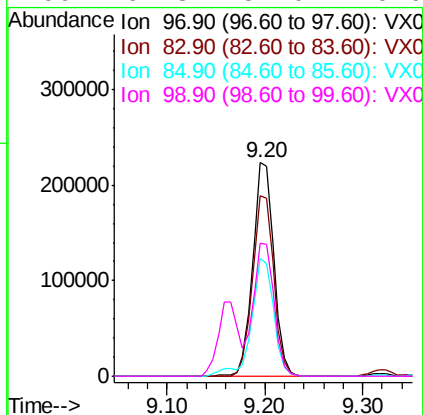
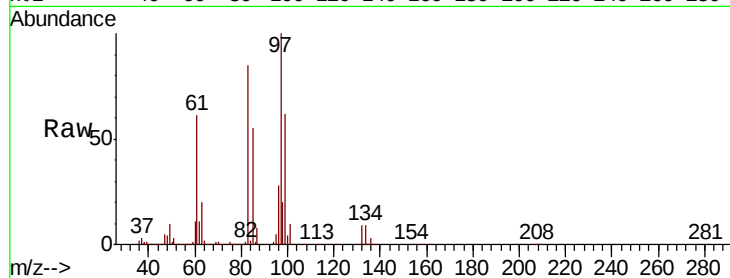




#55
 1,1,2-Trichloroethane
 Concen: 106.334 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

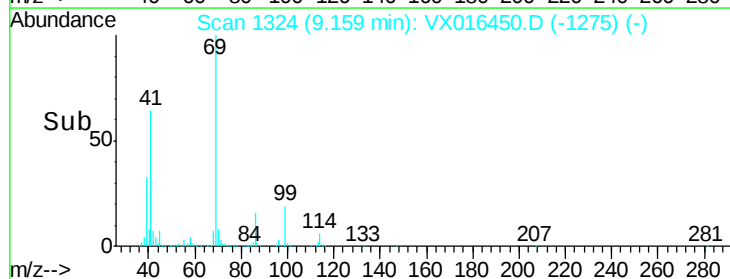
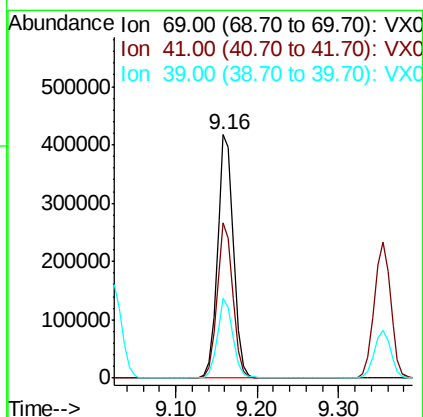
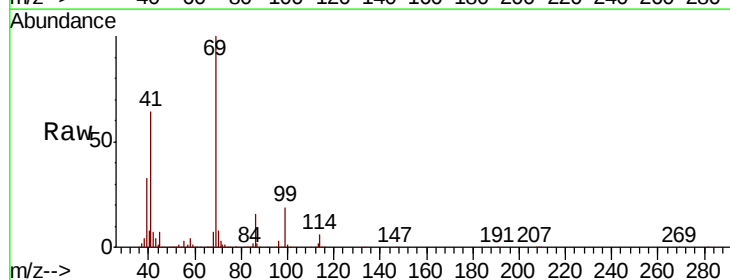
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

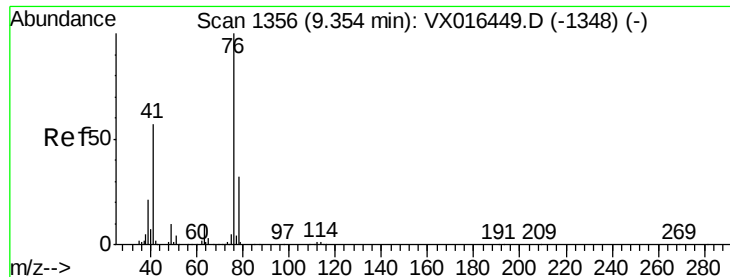
Tot Ion:	97	Resp:	334390
Ion	Ratio	Lower	Upper
97	100		
83	84.6	70.9	106.3
85	55.0	43.4	65.2
99	62.3	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 111.344 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Tgt Ion:	69	Resp:	573083
Ion	Ratio	Lower	Upper
69	100		
41	63.3	50.7	76.1
39	32.2	25.8	38.6





#57

1,3-Dichloropropane

Concen: 104.170 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

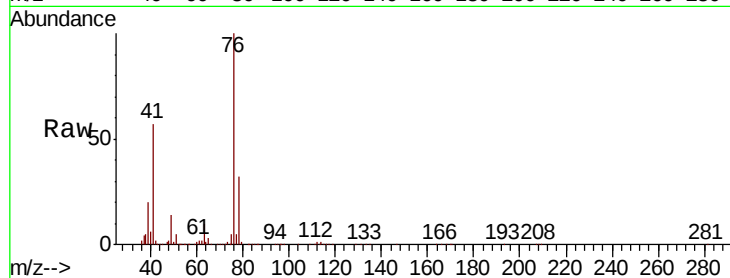
VSTDIC100

Tot Ion: 76 Resp: 572110

Ion Ratio Lower Upper

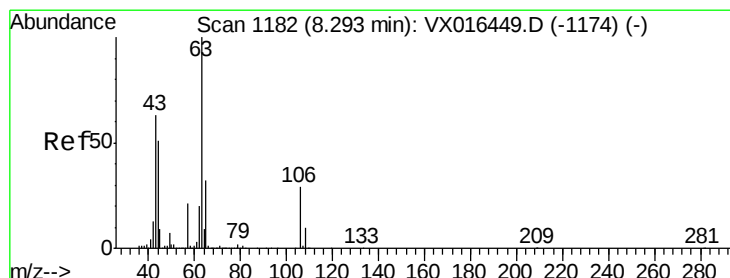
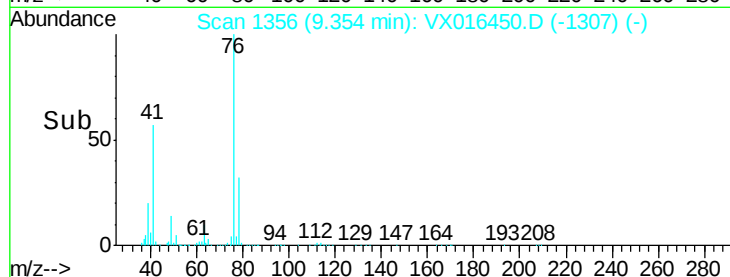
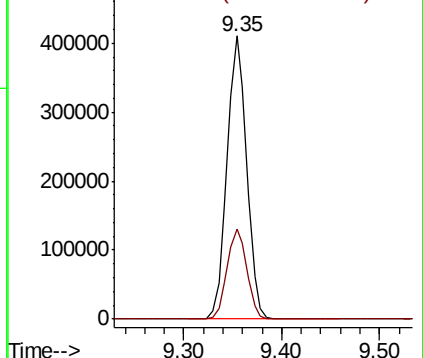
76 100

78 32.2 26.2 39.4



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: 529.528 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016450.D

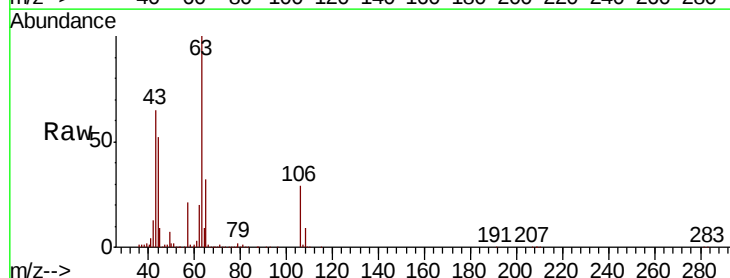
Acq: 27 May 2020 15:50

Tgt Ion: 63 Resp: 1442228

Ion Ratio Lower Upper

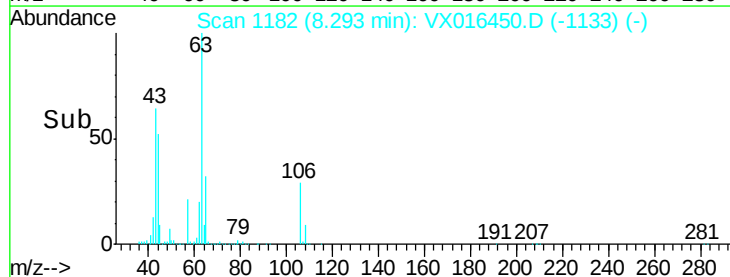
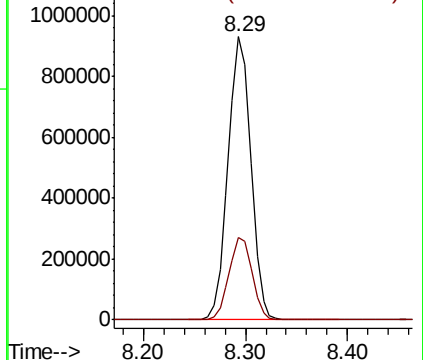
63 100

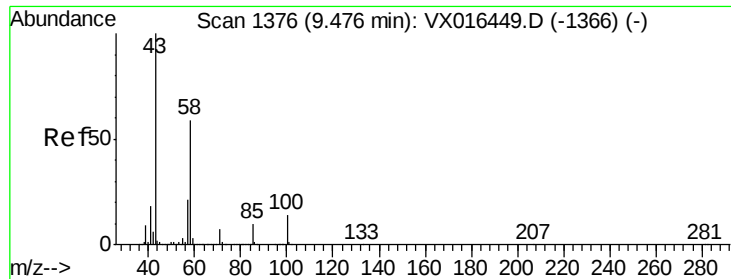
106 29.5 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

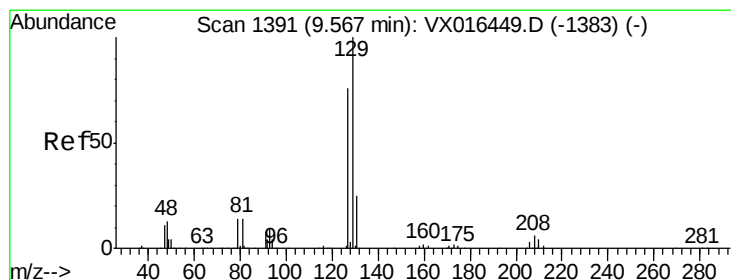
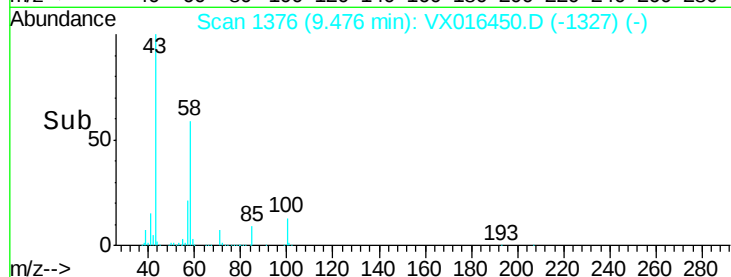
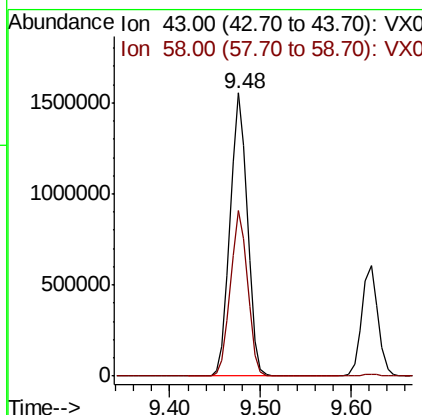
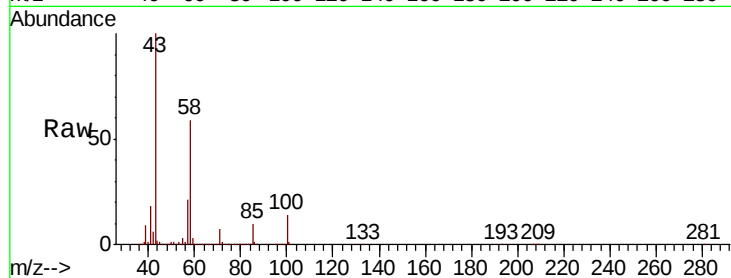




#59
2-Hexanone
Concen: 528.130 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

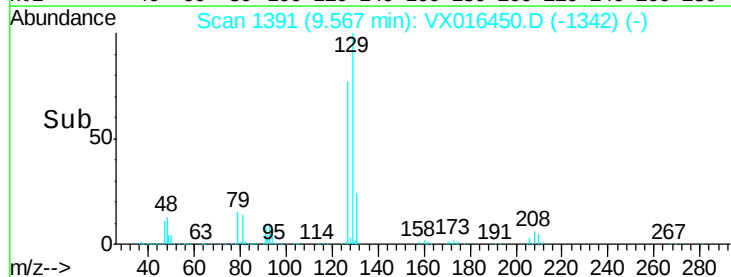
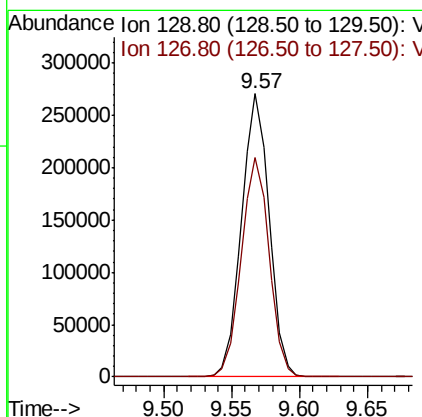
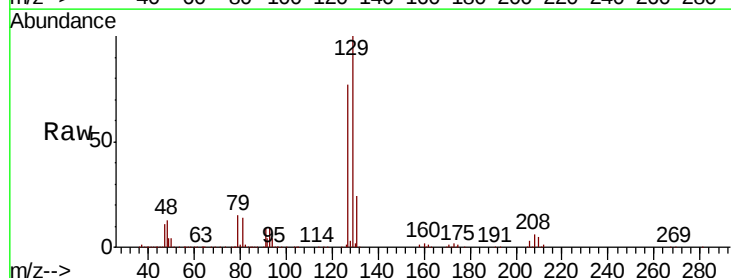
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

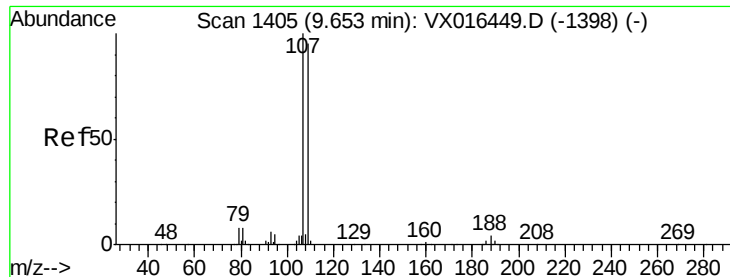
Tot Ion: 43 Resp: 2062399
Ion Ratio Lower Upper
43 100
58 58.3 28.8 86.4



#60
Dibromochloromethane
Concen: 110.978 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion: 129 Resp: 385907
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61

1,2-Dibromoethane

Concen: 105.402 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampled :

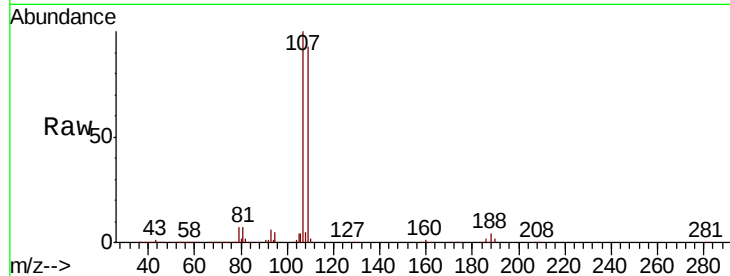
VSTDIC100

Tot Ion:107 Resp: 357983

Ion Ratio Lower Upper

107 100

109 93.9 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

250000

200000

150000

100000

50000

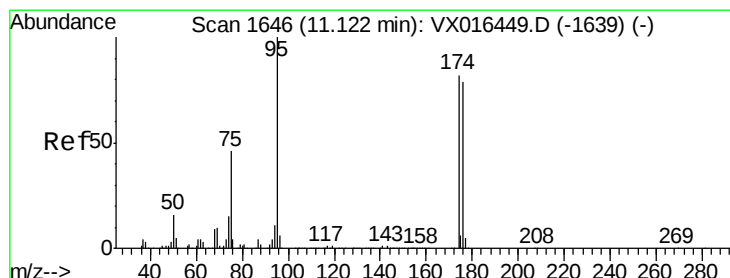
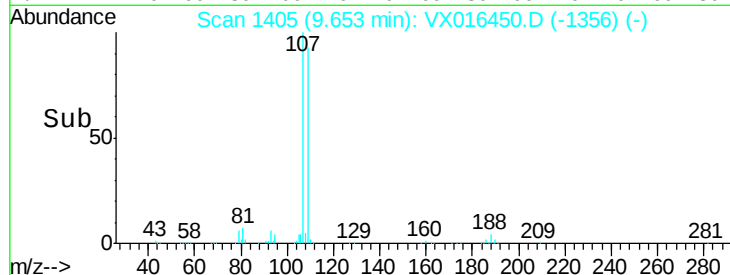
0

9.60

9.65

9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 104.300 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

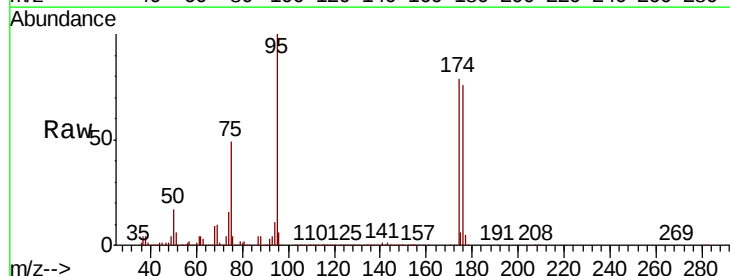
Tgt Ion: 95 Resp: 431825

Ion Ratio Lower Upper

95 100

174 81.3 0.0 163.0

176 78.5 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

500000

400000

300000

200000

100000

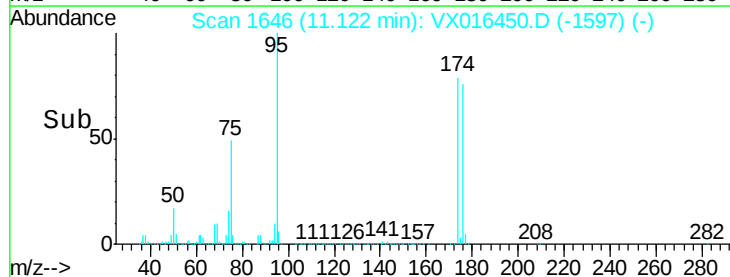
0

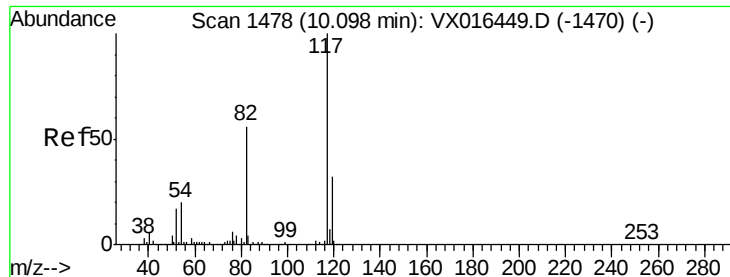
11.10

11.12

11.20

Time-->

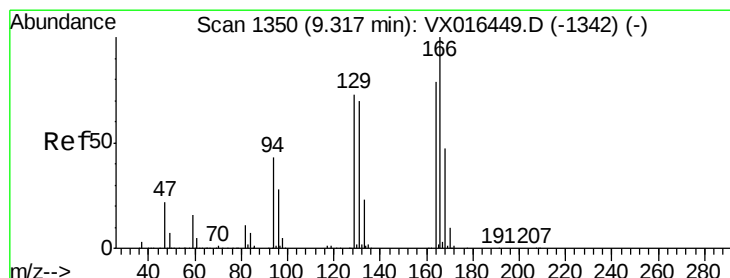
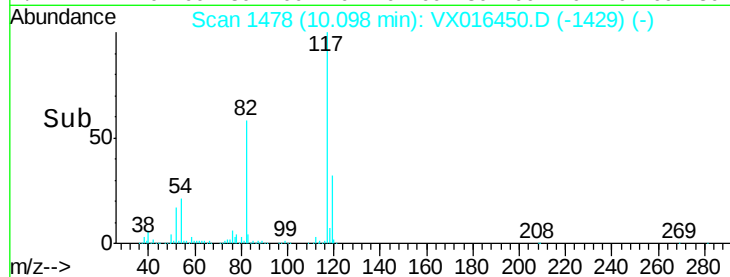
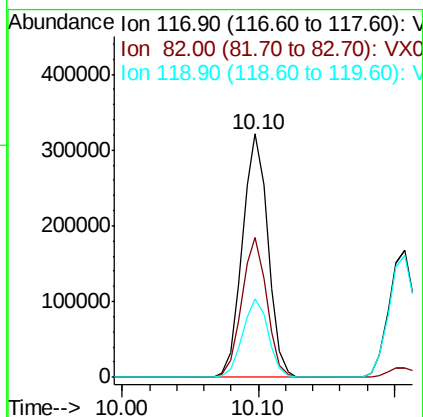
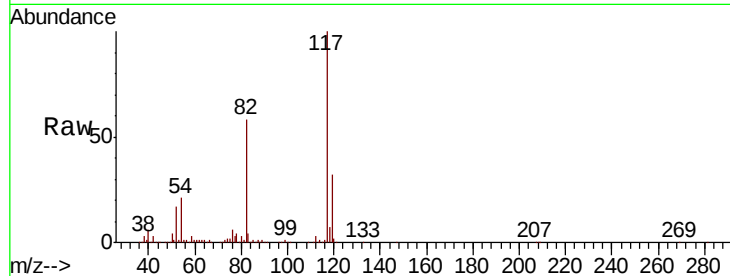




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

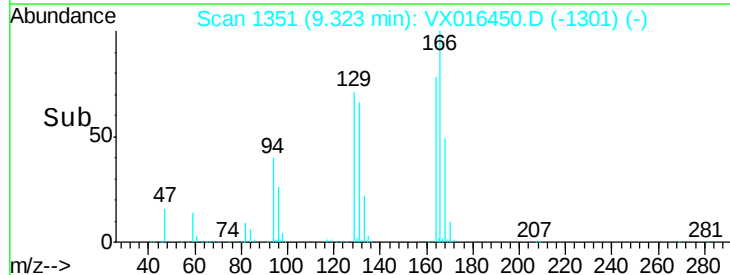
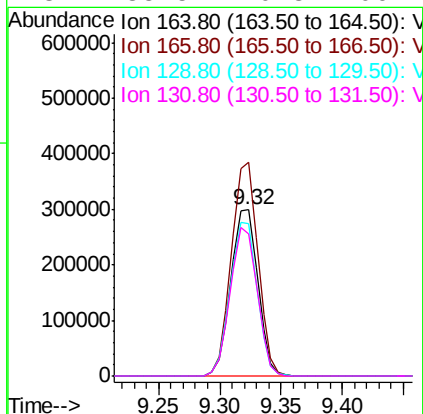
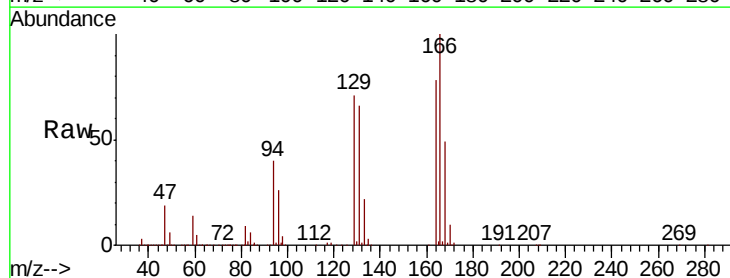
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

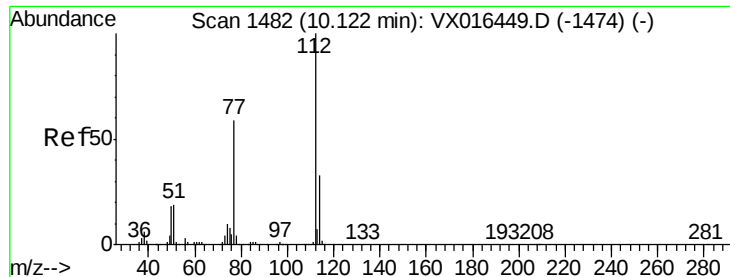
Tot Ion:117 Resp: 421105
Ion Ratio Lower Upper
117 100
82 57.5 45.0 67.6
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 89.214 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion:164 Resp: 456578
Ion Ratio Lower Upper
164 100
166 128.8 100.9 151.3
129 91.5 73.2 109.8
131 85.5 70.8 106.2

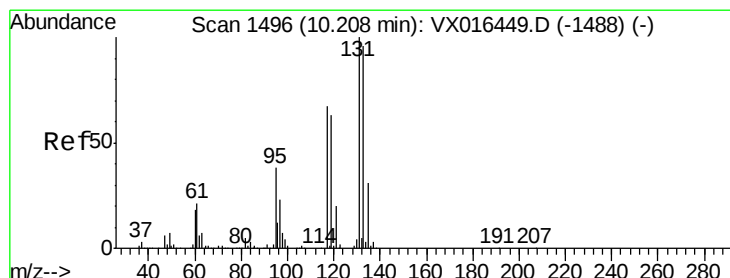
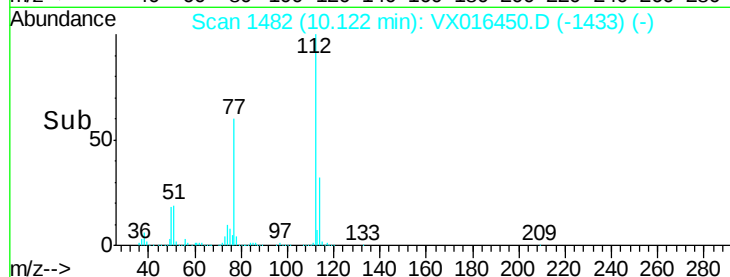
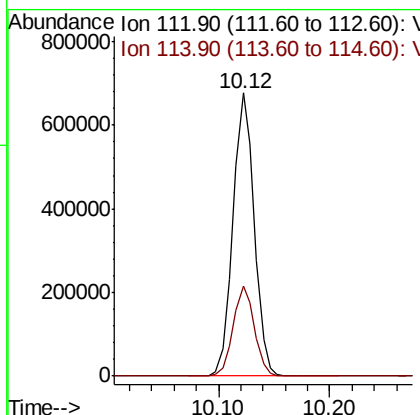
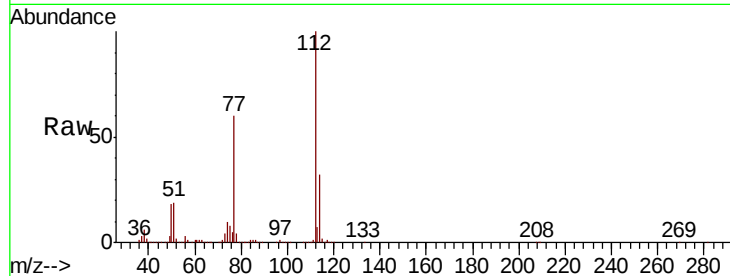




#65
Chlorobenzene
Concen: 100.600 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

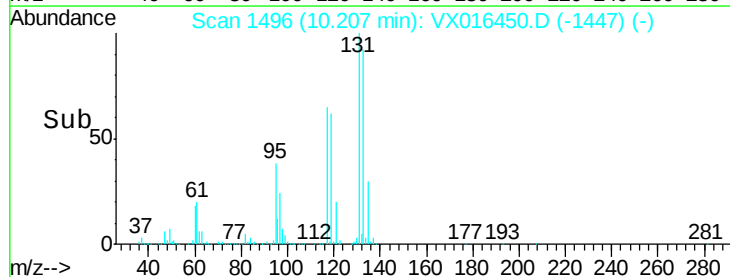
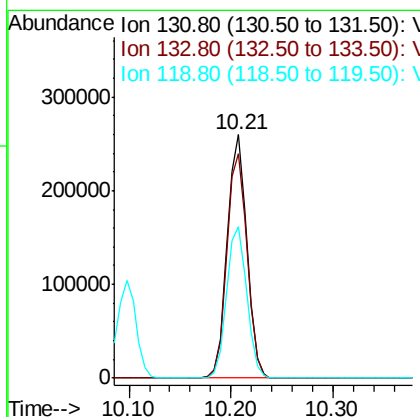
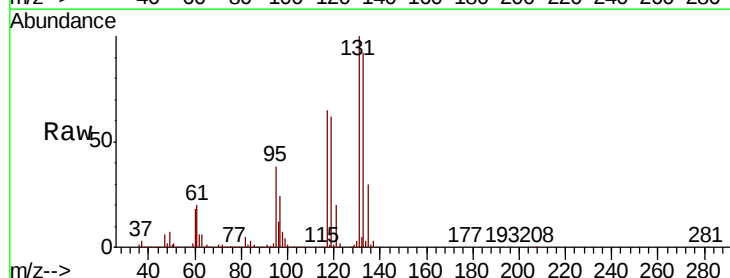
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

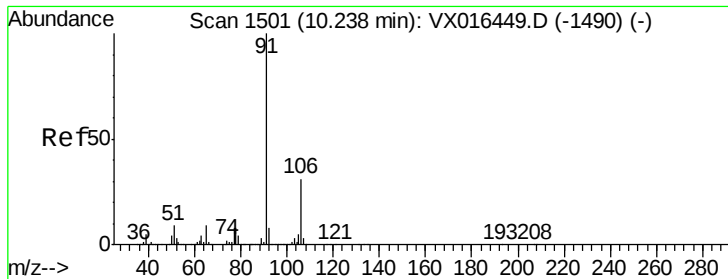
Tot Ion:112 Resp: 889062
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 105.257 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion:131 Resp: 344423
Ion Ratio Lower Upper
131 100
133 94.9 48.4 145.3
119 63.8 32.0 96.2

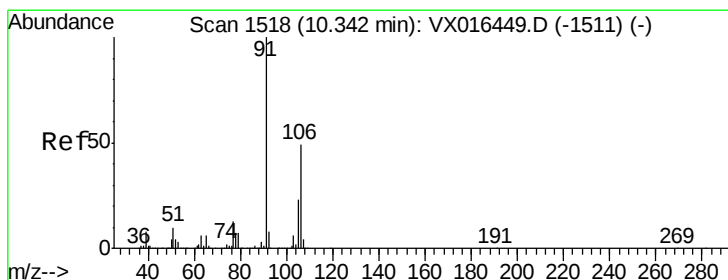
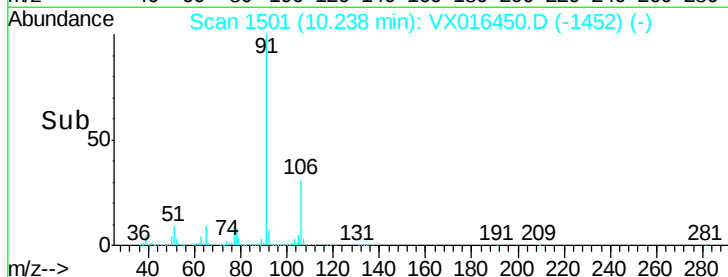
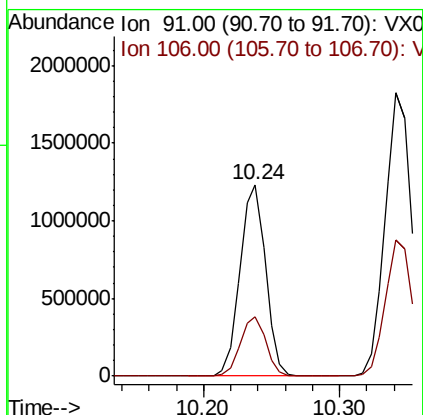
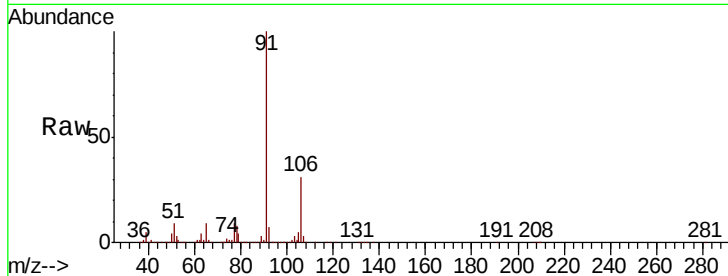




#67
Ethyl Benzene
Concen: 102.240 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

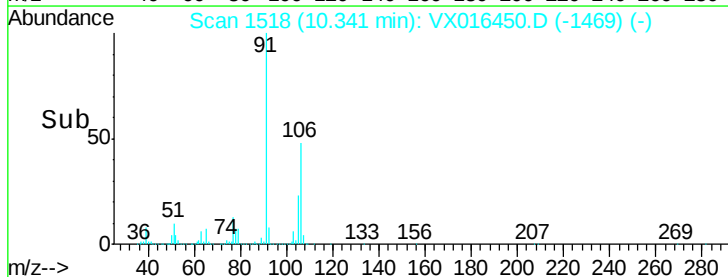
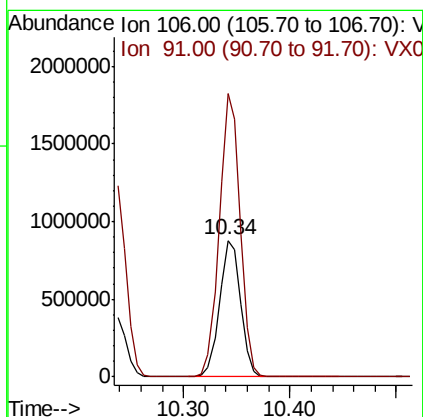
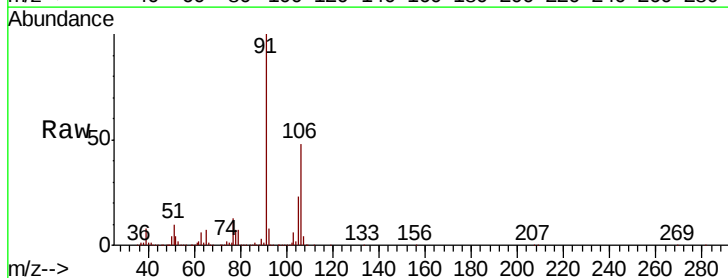
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

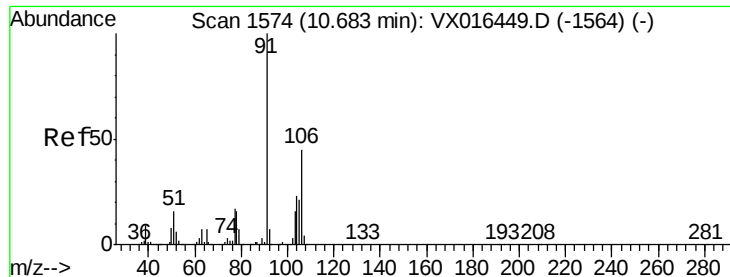
Tot Ion: 91 Resp: 1611297
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.4



#68
m/p-Xylenes
Concen: 204.831 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion: 106 Resp: 1206705
Ion Ratio Lower Upper
106 100
91 205.4 163.8 245.8

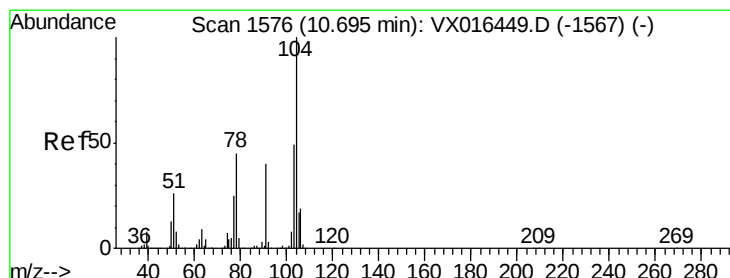
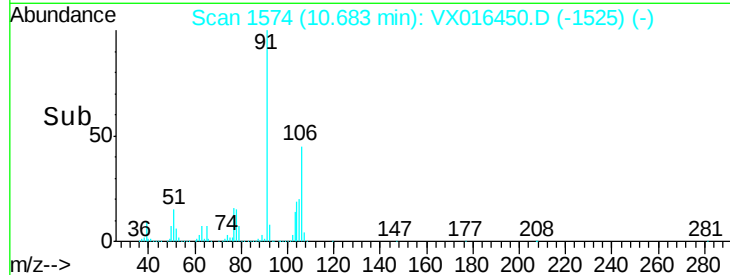
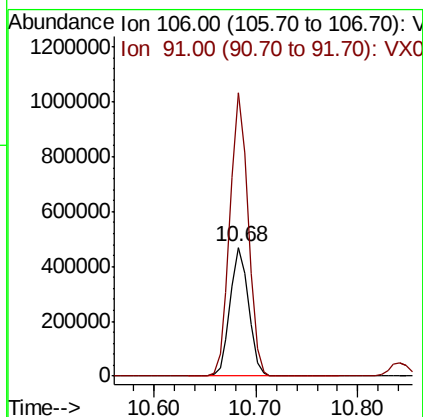
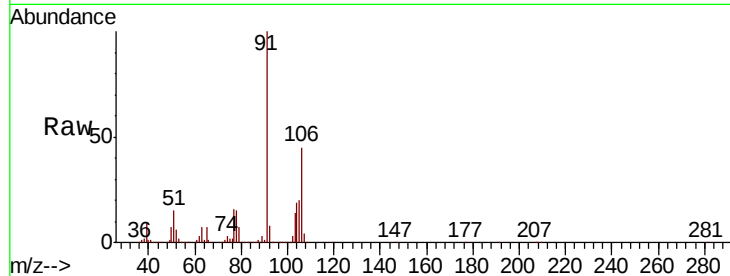




#69
o-Xylene
Concen: 103.234 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

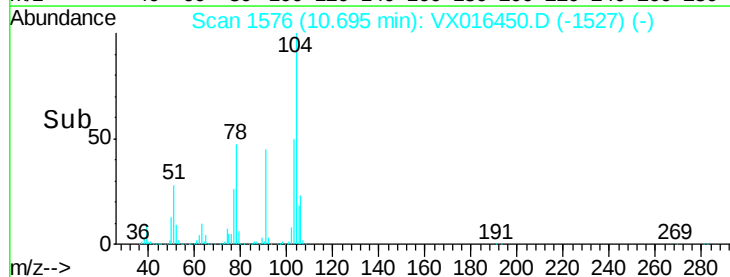
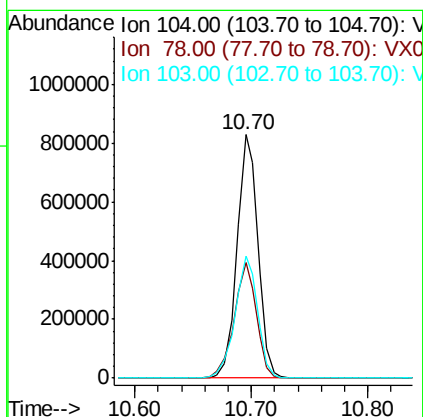
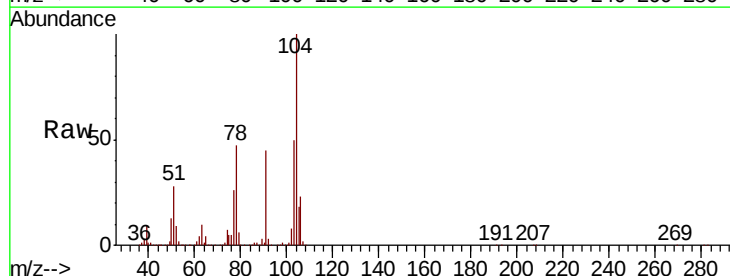
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

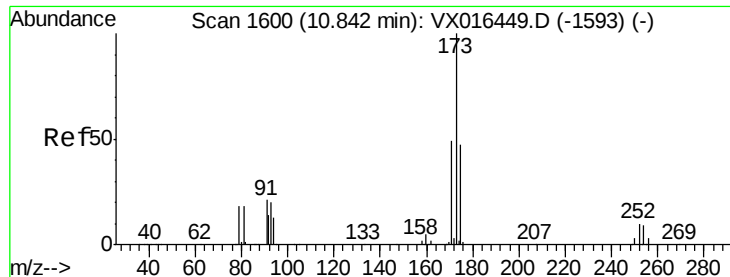
Tot Ion:106 Resp: 584120
Ion Ratio Lower Upper
106 100
91 217.2 109.6 328.8



#70
Styrene
Concen: 107.428 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016450.D
Acq: 27 May 2020 15:50

Tgt Ion:104 Resp: 1036138
Ion Ratio Lower Upper
104 100
78 50.6 40.2 60.2
103 53.8 43.1 64.7





#71

Bromoform

Concen: 113.829 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

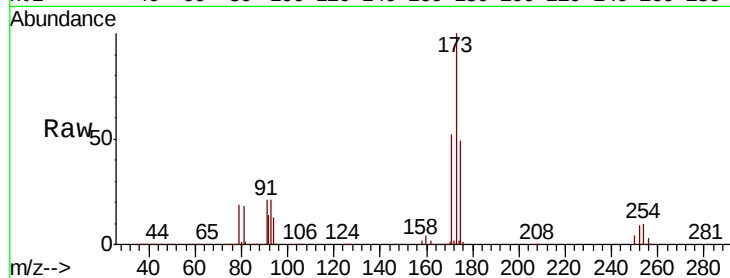
Tot Ion:173 Resp: 305813

Ion Ratio Lower Upper

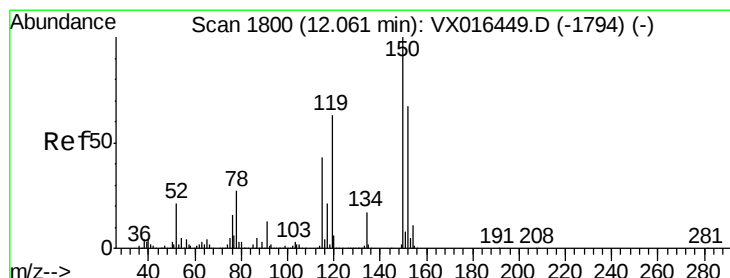
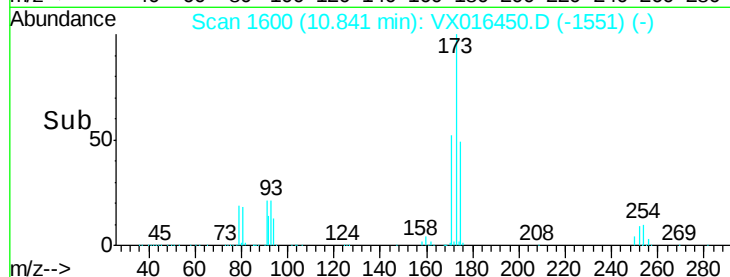
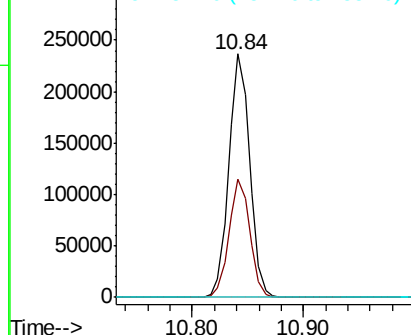
173 100

175 48.5 23.9 71.7

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

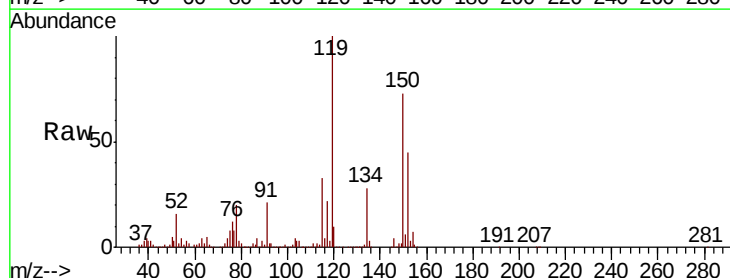
Tgt Ion:152 Resp: 213389

Ion Ratio Lower Upper

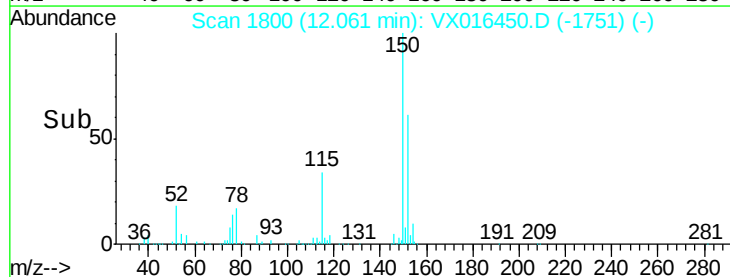
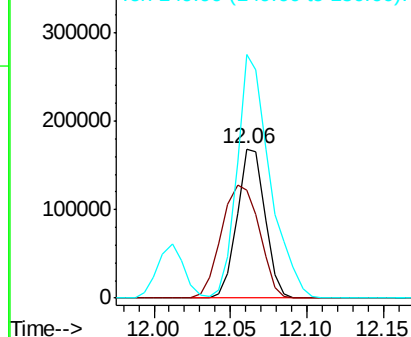
152 100

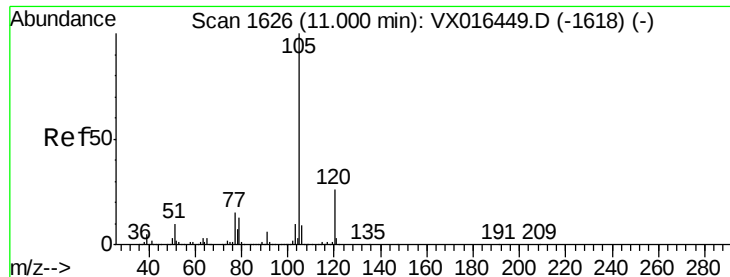
115 103.5 39.9 119.6

150 191.7 0.0 341.0



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: 101.365 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

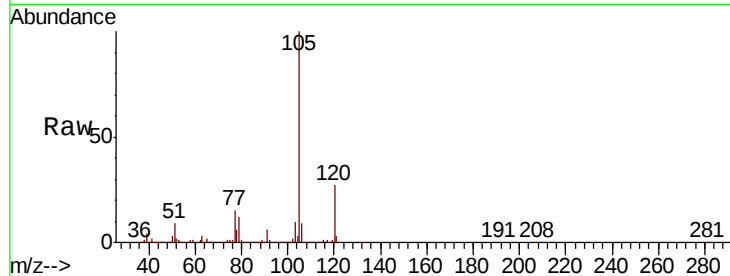
VSTDIC100

Tot Ion:105 Resp: 1568411

Ion Ratio Lower Upper

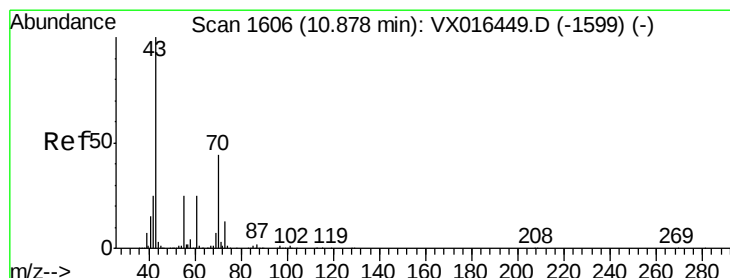
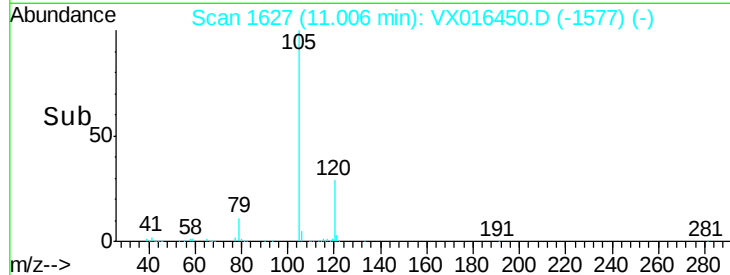
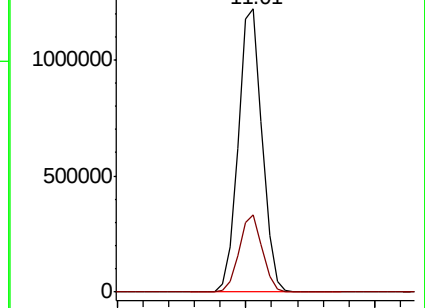
105 100

120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 102.377 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Tgt Ion: 43 Resp: 738901

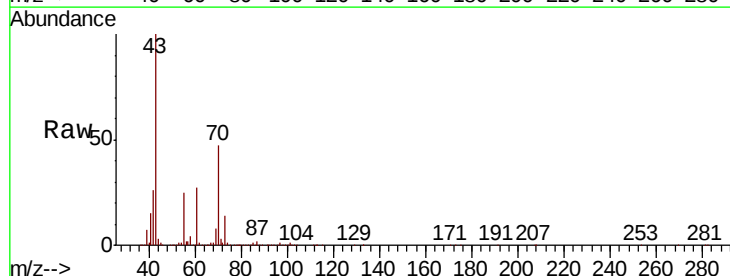
Ion Ratio Lower Upper

43 100

70 45.4 36.1 54.1

55 25.0 20.2 30.4

61 25.9 20.3 30.5

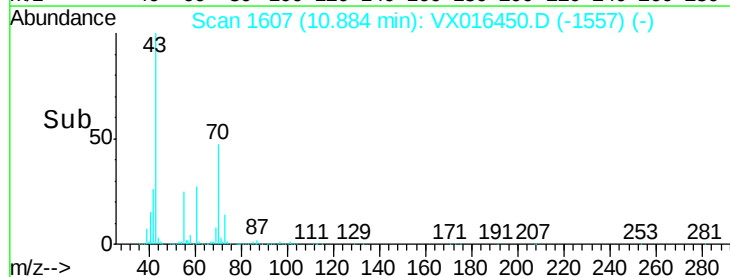
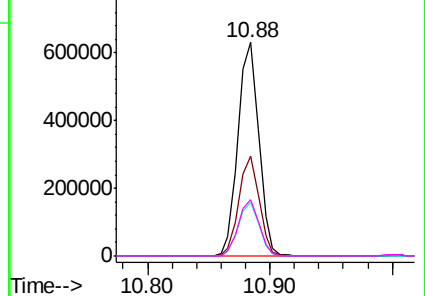


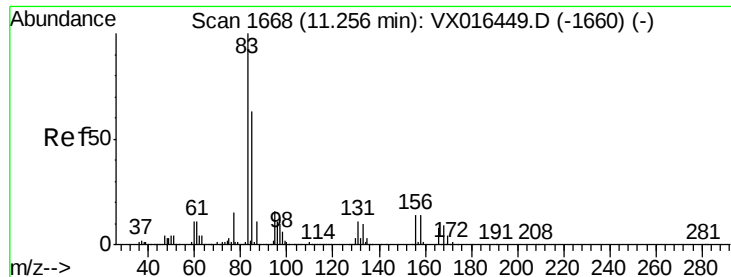
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 147.299 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

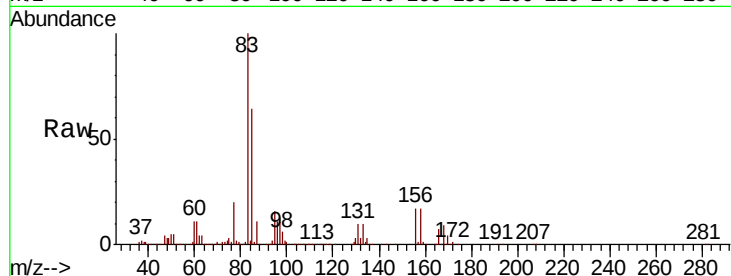
Tot Ion: 83 Resp: 424972

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

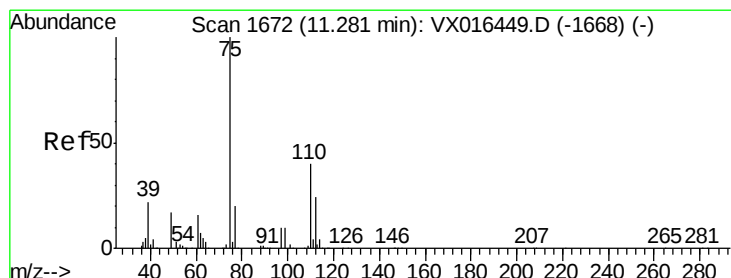
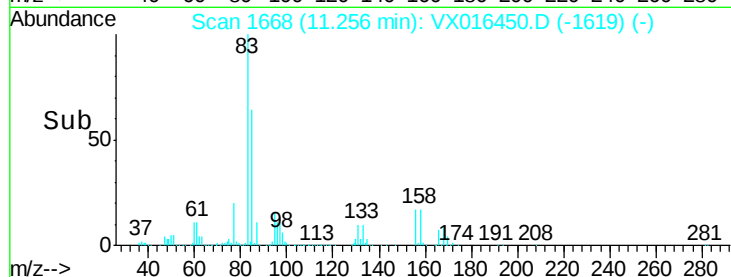
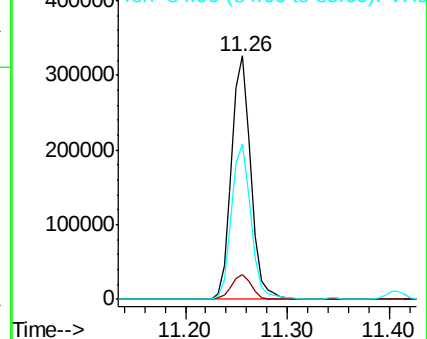
85 64.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 137.850 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016450.D

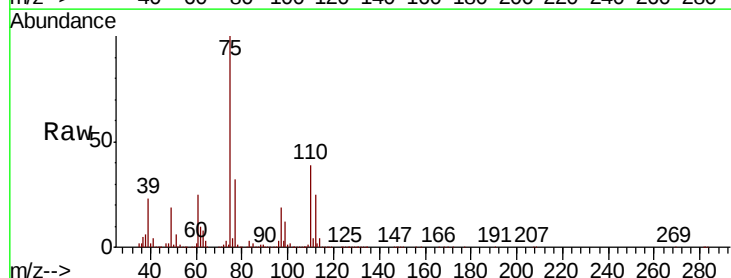
Acq: 27 May 2020 15:50

Tgt Ion: 75 Resp: 666597

Ion Ratio Lower Upper

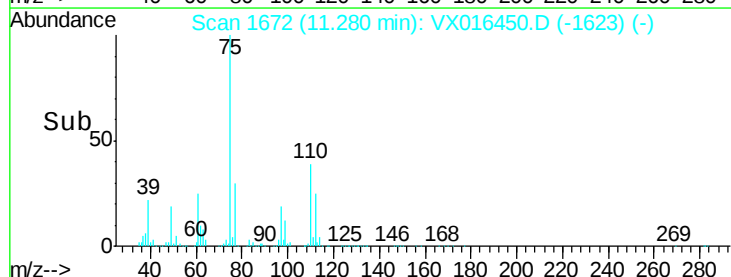
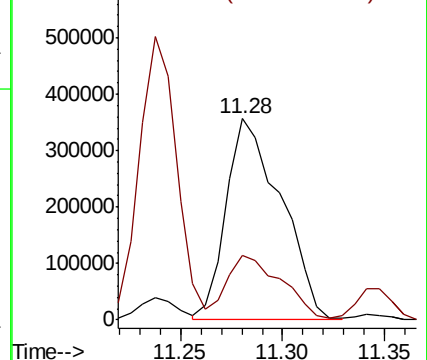
75 100

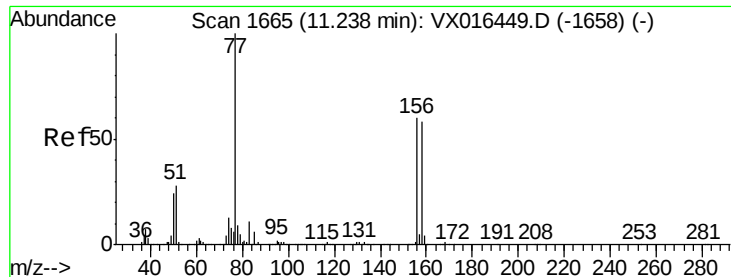
77 31.8 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 99.652 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

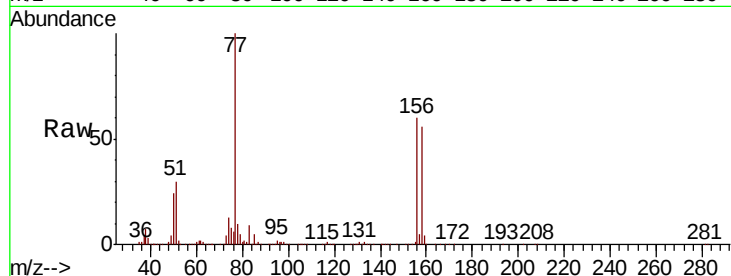
Tot Ion:156 Resp: 399562

Ion Ratio Lower Upper

156 100

77 160.3 79.6 238.8

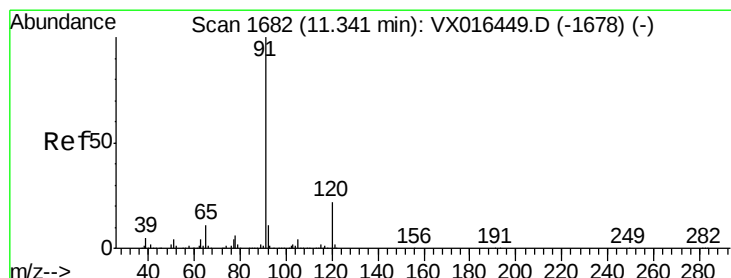
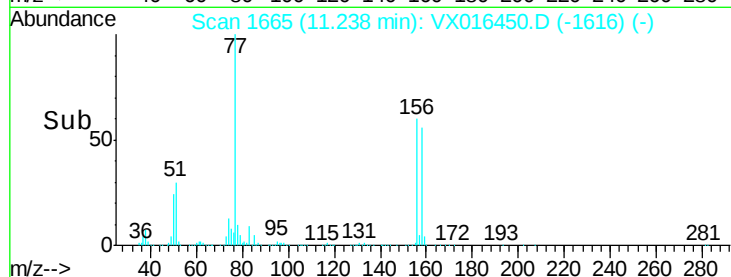
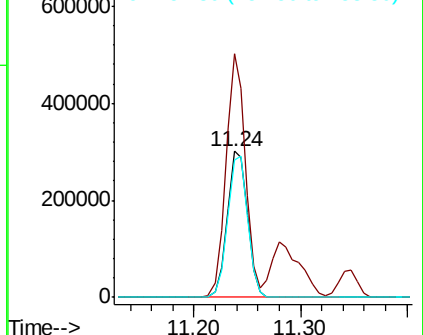
158 96.4 48.1 144.4



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: 99.270 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016450.D

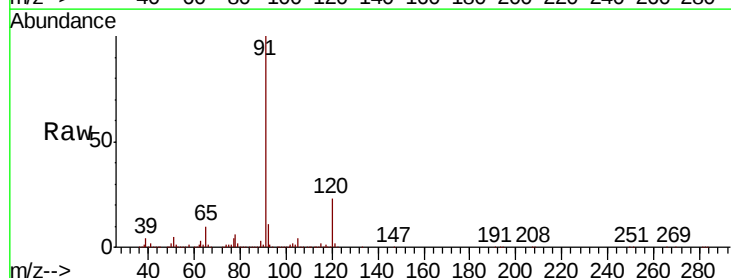
Acq: 27 May 2020 15:50

Tgt Ion: 91 Resp: 1782544

Ion Ratio Lower Upper

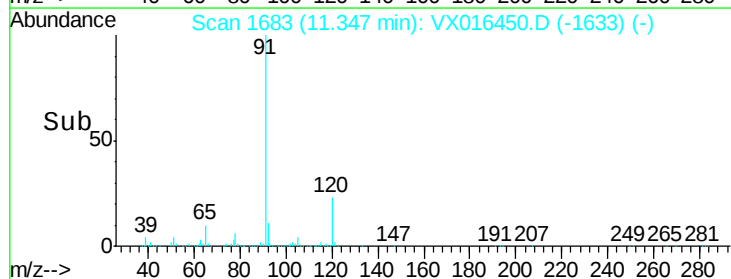
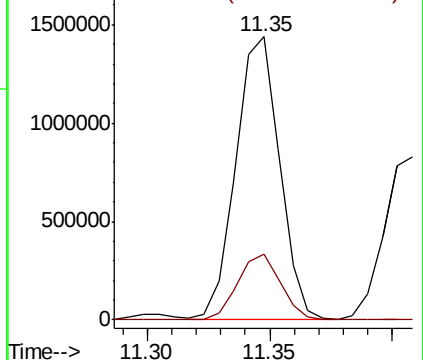
91 100

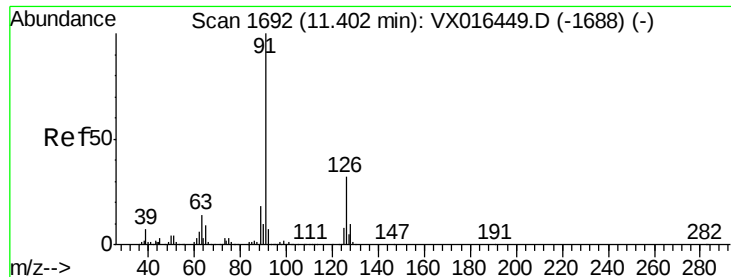
120 22.9 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 100.086 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

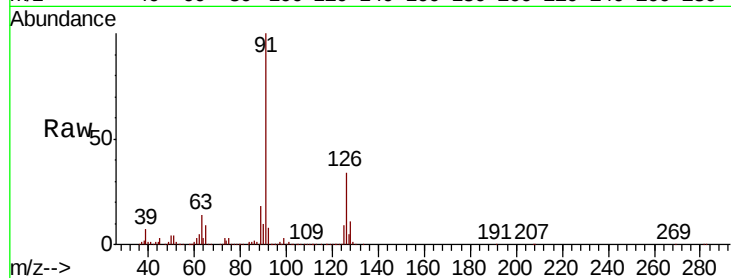
VSTDIC100

Tot Ion: 91 Resp: 1066345

Ion Ratio Lower Upper

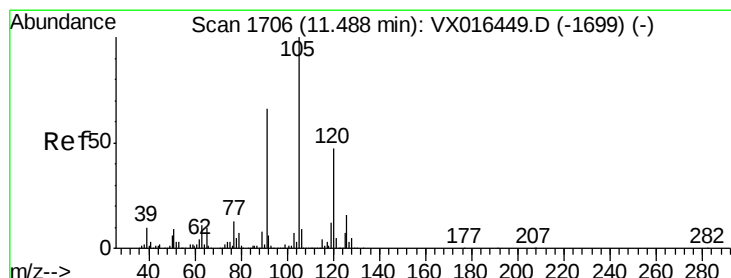
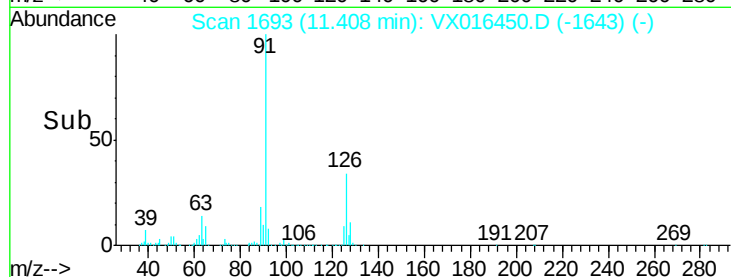
91 100

126 33.5 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VX016449.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016449.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 101.886 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016450.D

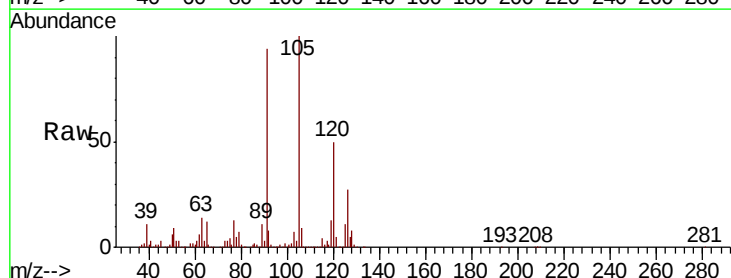
Acq: 27 May 2020 15:50

Tgt Ion: 105 Resp: 1332824

Ion Ratio Lower Upper

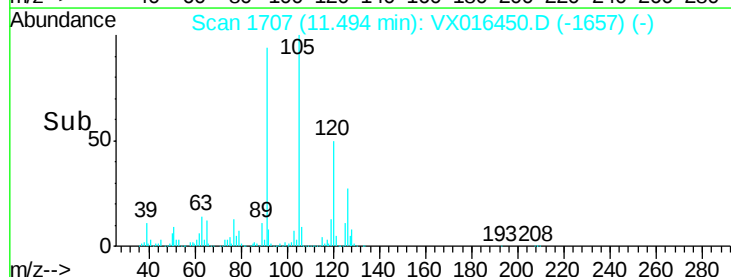
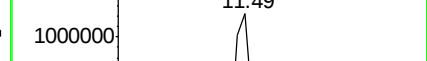
105 100

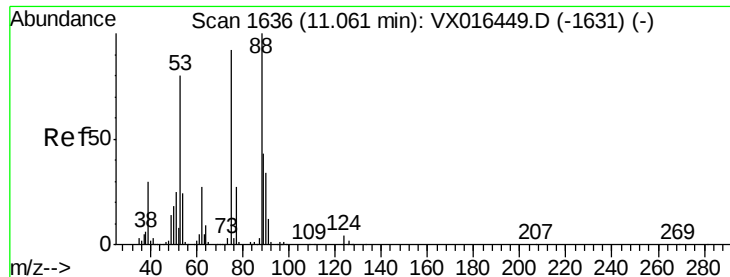
120 48.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX016449.D (-1699) (-)

Ion 120.00 (119.70 to 120.70): VX016449.D (-1699) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 103.330 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

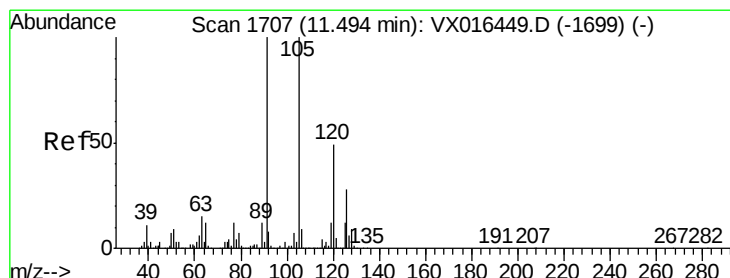
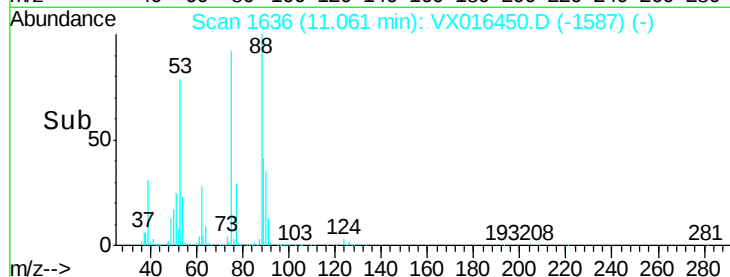
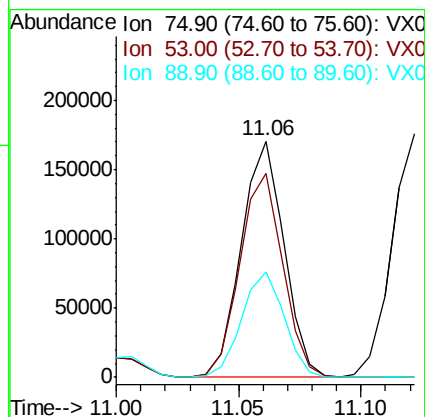
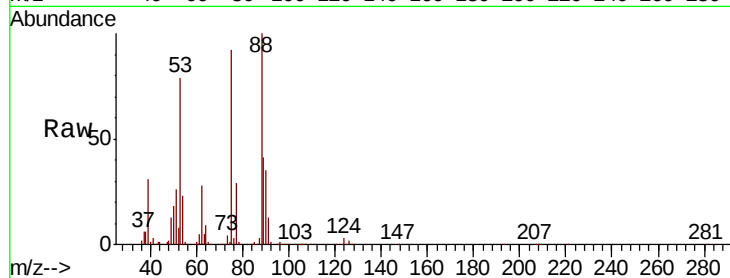
Tot Ion: 75 Resp: 207103

Ion Ratio Lower Upper

75 100

53 86.9 71.3 106.9

89 44.8 36.6 55.0



#82

4-Chlorotoluene

Concen: 101.530 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016450.D

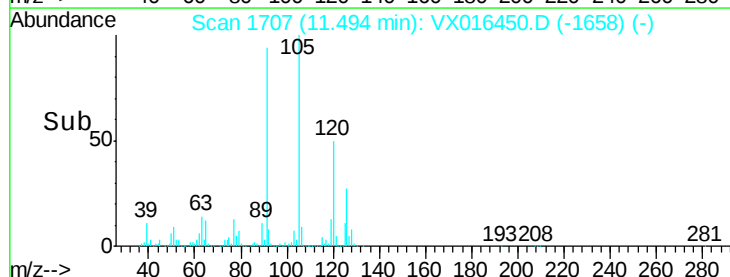
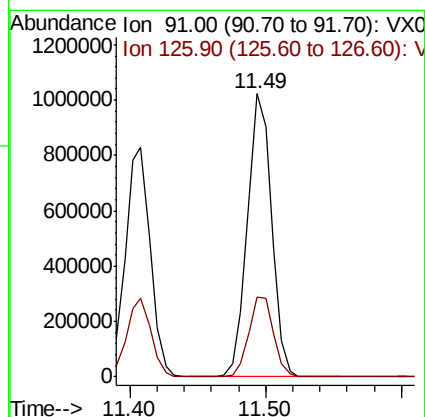
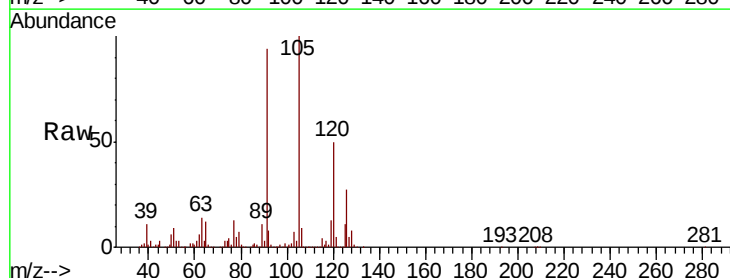
Acq: 27 May 2020 15:50

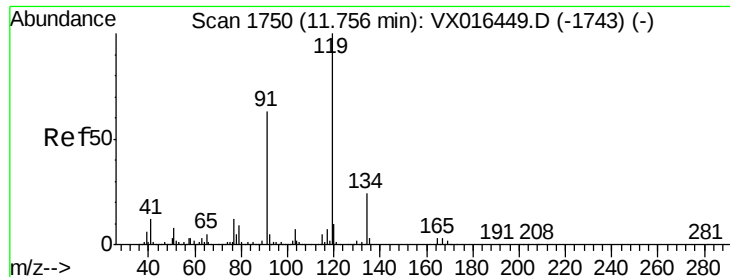
Tgt Ion: 91 Resp: 1276377

Ion Ratio Lower Upper

91 100

126 29.1 14.7 44.1





#83

tert-Butylbenzene

Concen: 103.138 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

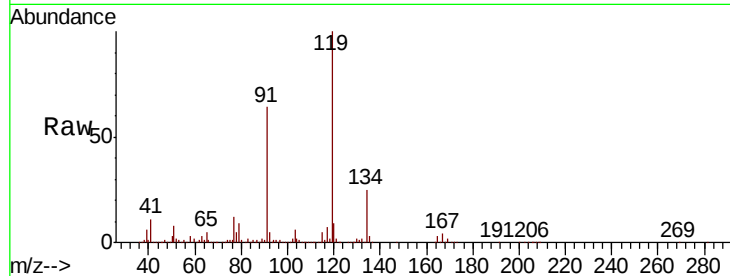
Tot Ion:119 Resp: 1163725

Ion Ratio Lower Upper

119 100

91 63.3 31.3 93.8

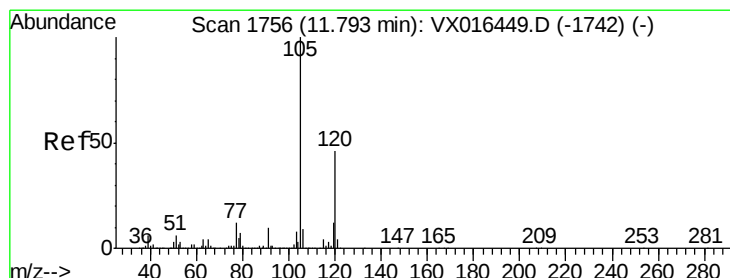
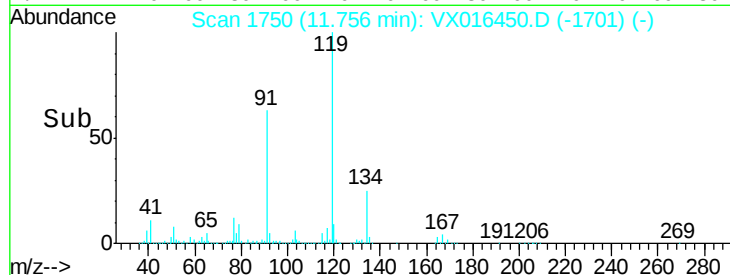
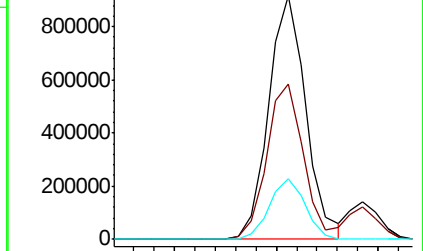
134 24.0 12.0 36.0



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



#84

1,2,4-Trimethylbenzene

Concen: 102.414 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016450.D

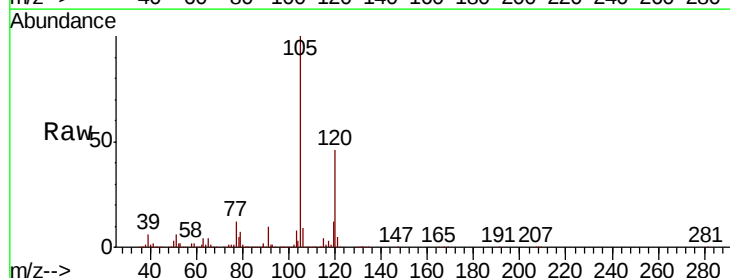
Acq: 27 May 2020 15:50

Tgt Ion:105 Resp: 1354515

Ion Ratio Lower Upper

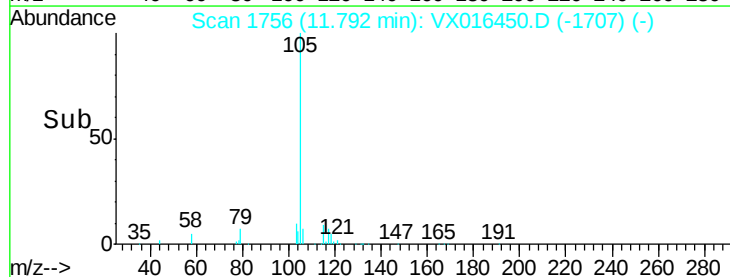
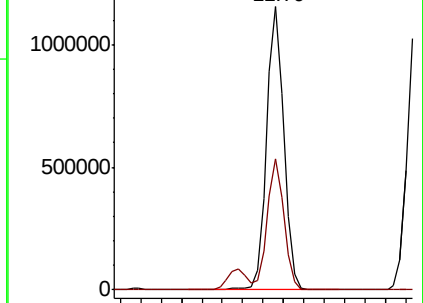
105 100

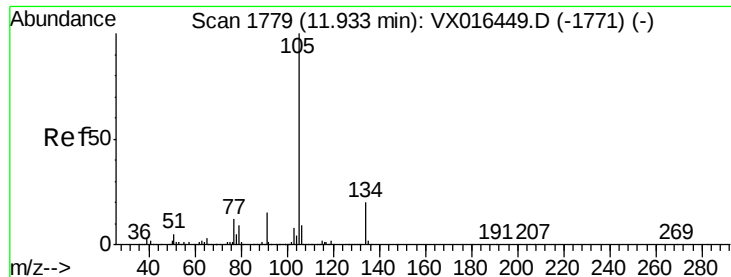
120 45.2 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 96.292 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

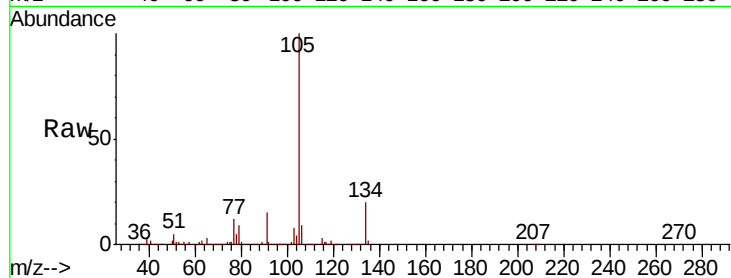
VSTDIC100

Tot Ion:105 Resp: 1445802

Ion Ratio Lower Upper

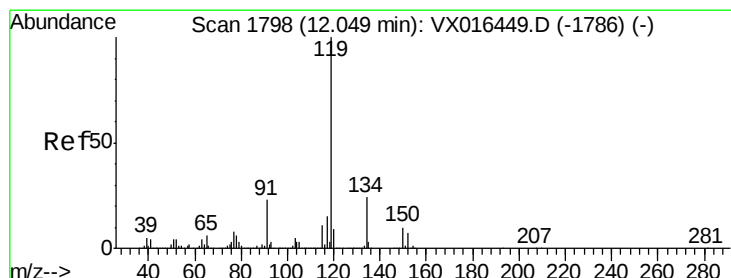
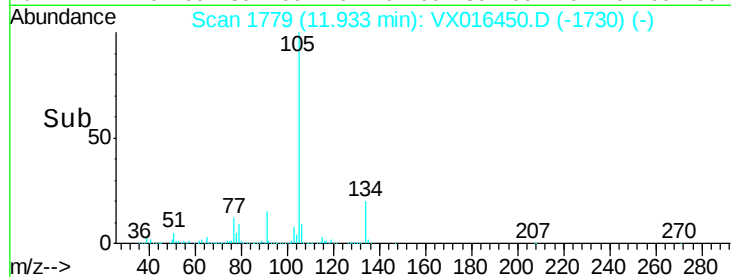
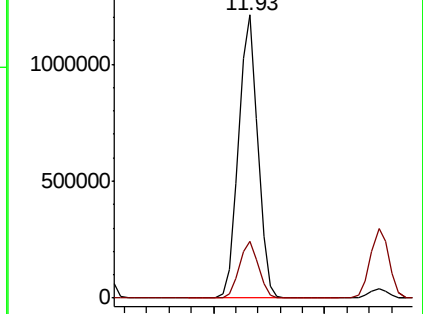
105 100

134 20.0 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 97.268 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

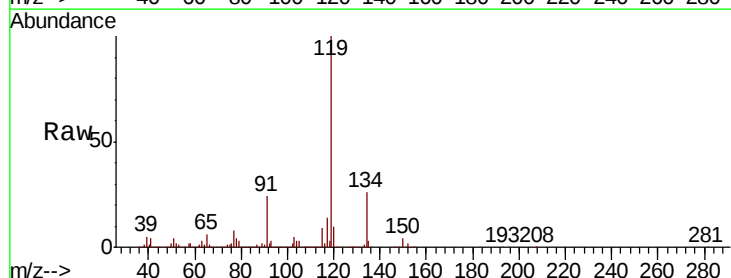
Tgt Ion:119 Resp: 1358466

Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.0

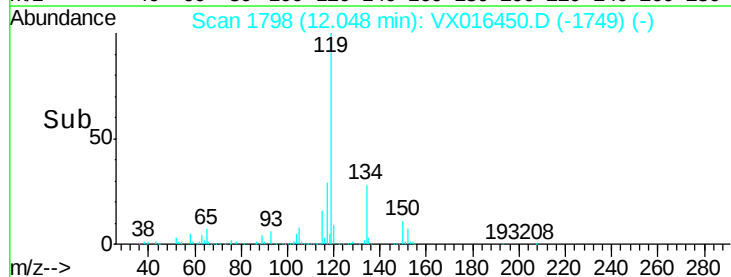
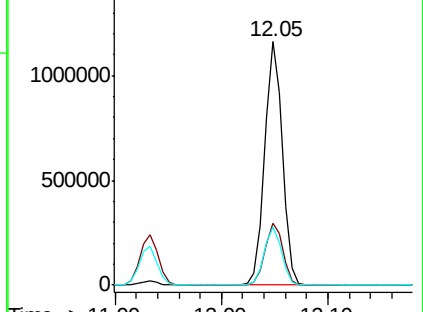
91 23.5 11.7 35.0

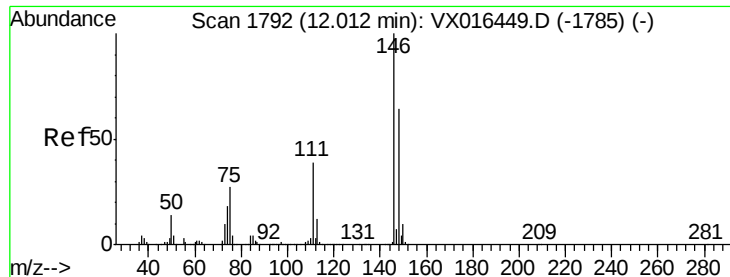


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 98.524 ug/l

RT: 12.01 min Scan# 1792

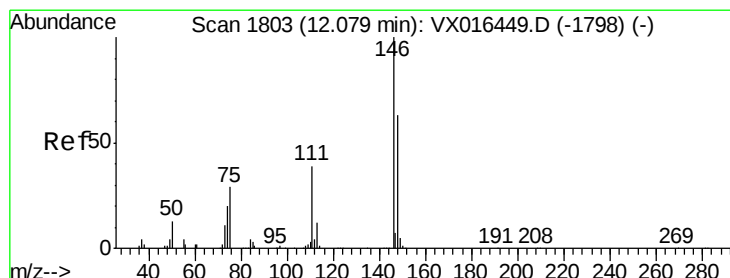
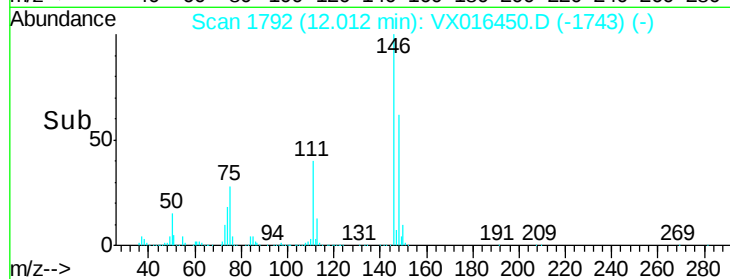
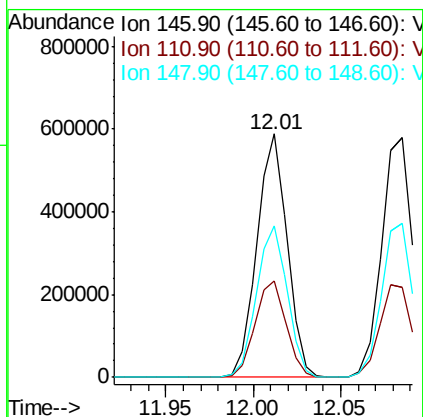
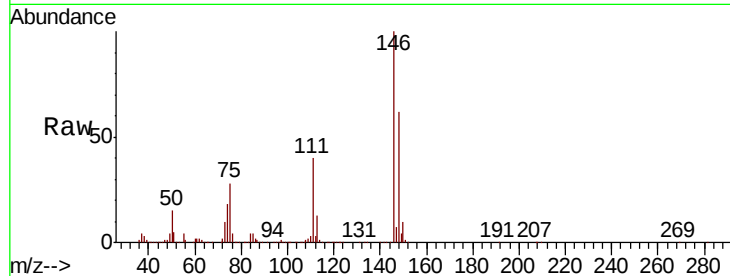
Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	60.0
148	63.3	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 97.935 ug/l

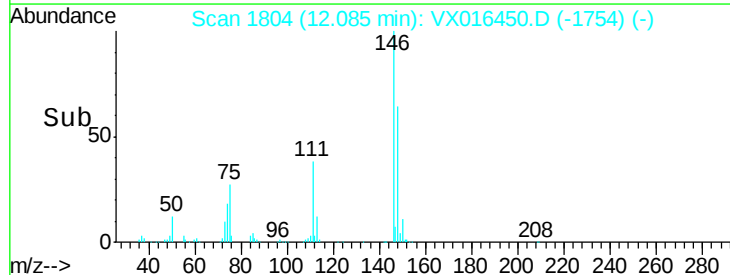
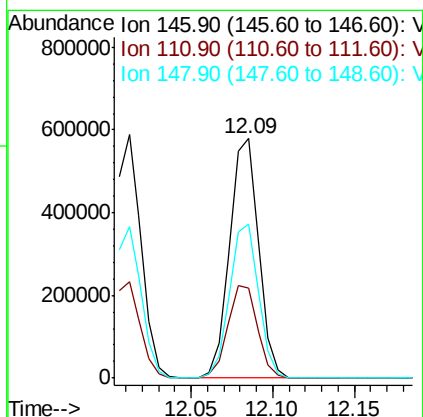
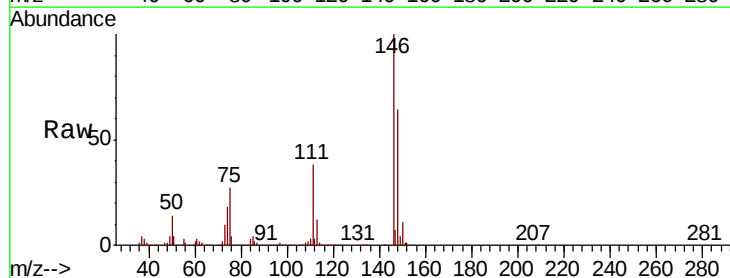
RT: 12.09 min Scan# 1804

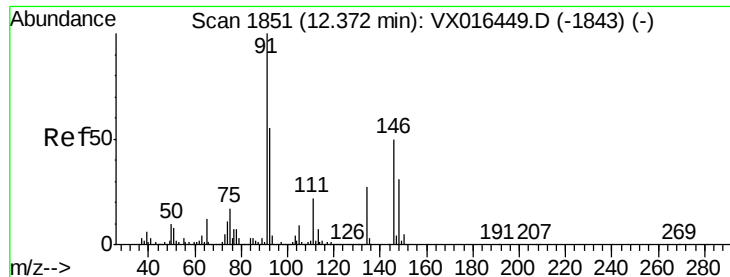
Delta R.T. 0.01 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.4	58.2
148	64.5	31.4	94.3





#89

n-Butylbenzene

Concen: 91.931 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

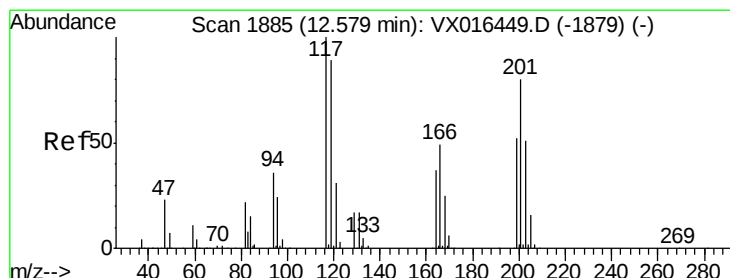
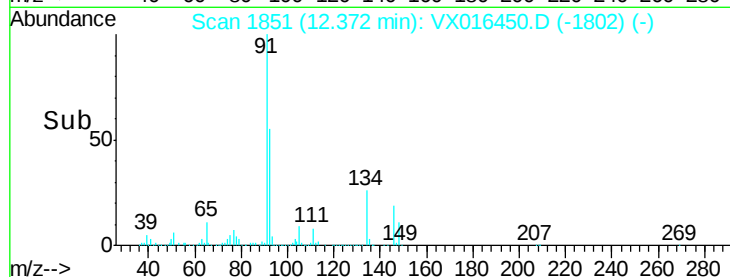
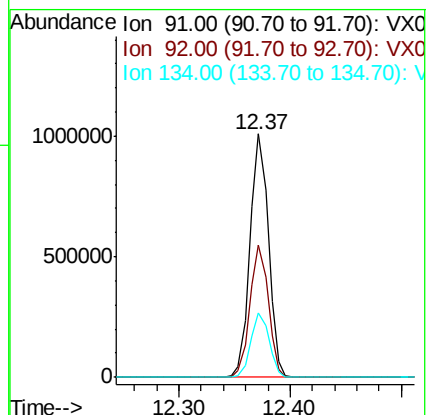
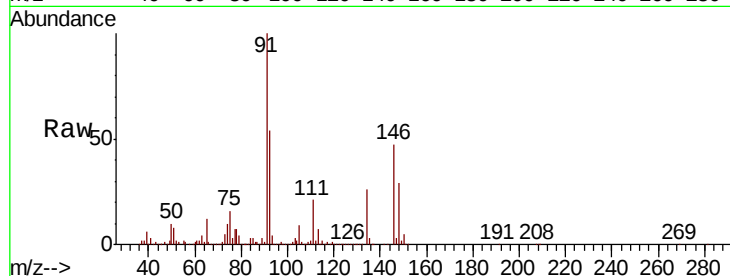
Tot Ion: 91 Resp: 1162451

Ion Ratio Lower Upper

91 100

92 54.4 27.2 81.5

134 26.4 13.1 39.3



#90

Hexachloroethane

Concen: 100.589 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016450.D

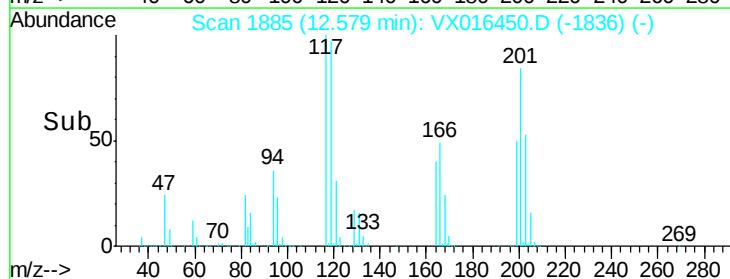
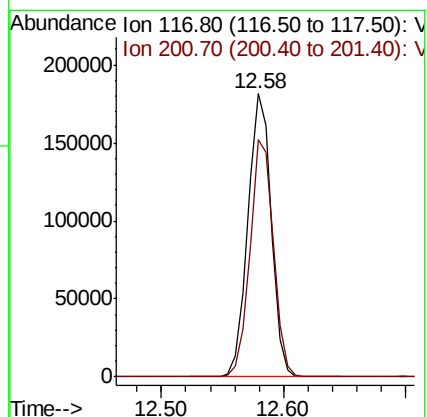
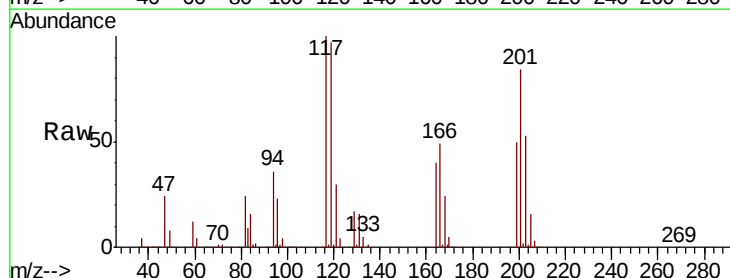
Acq: 27 May 2020 15:50

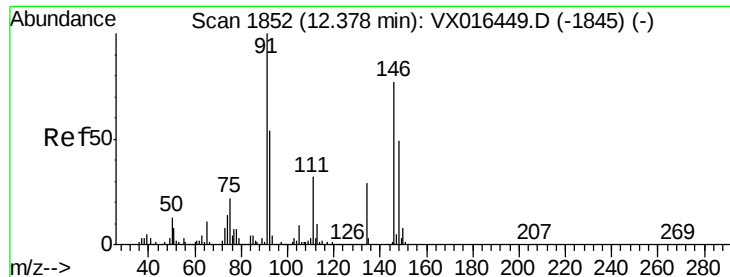
Tgt Ion: 117 Resp: 240479

Ion Ratio Lower Upper

117 100

201 84.4 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 99.478 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

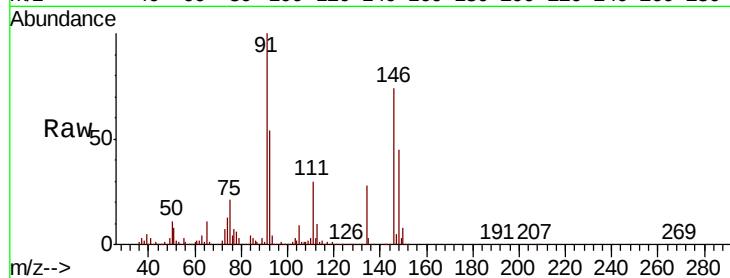
Tot Ion:146 Resp: 687194

Ion Ratio Lower Upper

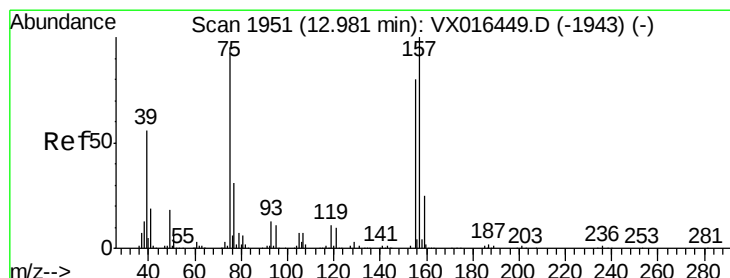
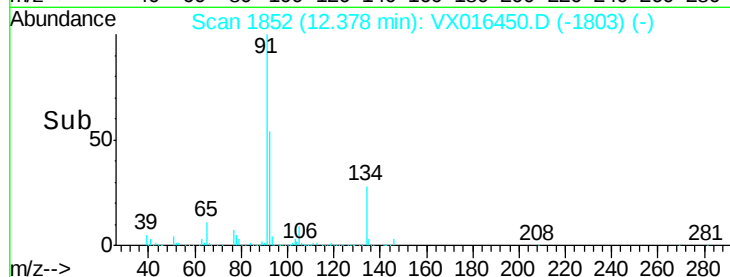
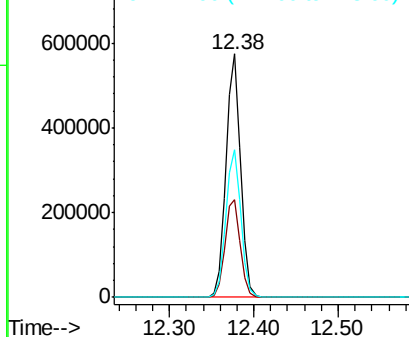
146 100

111 41.7 21.4 64.3

148 62.5 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 100.811 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

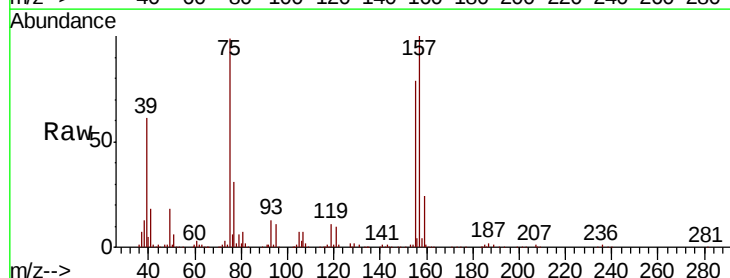
Tgt Ion: 75 Resp: 128445

Ion Ratio Lower Upper

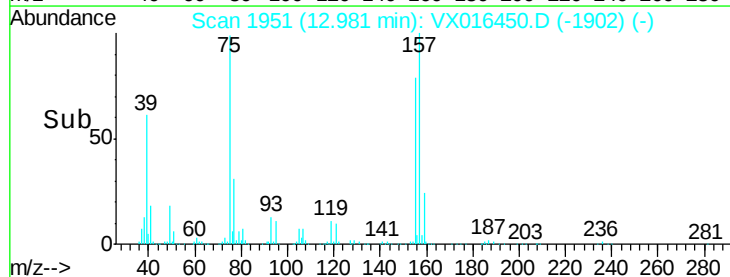
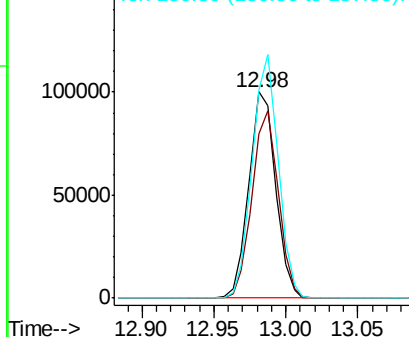
75 100

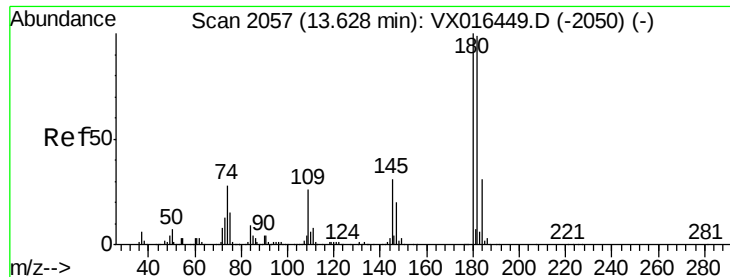
155 88.8 44.1 132.4

157 114.2 57.8 173.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

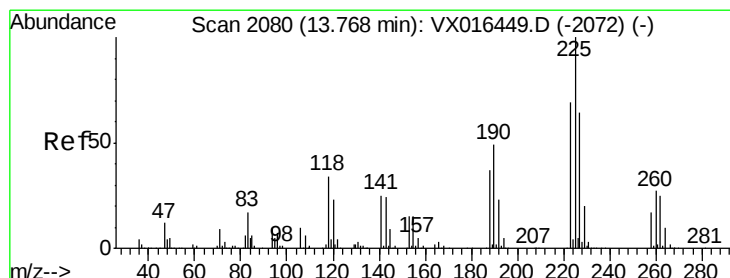
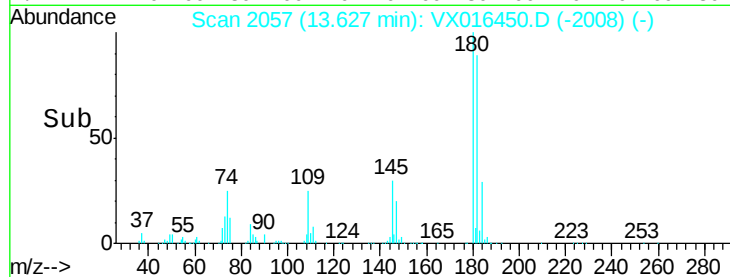
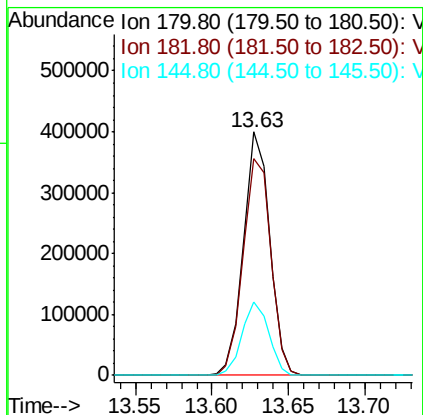
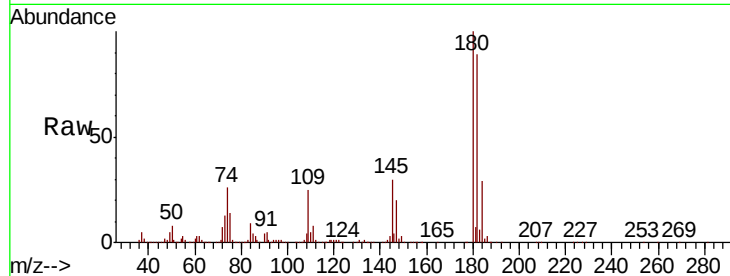




#93
 1,2,4-Trichlorobenzene
 Concen: 94.236 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

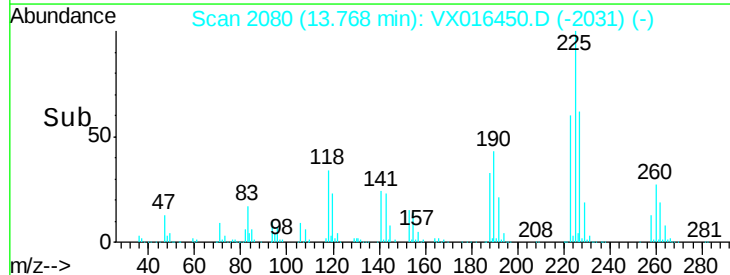
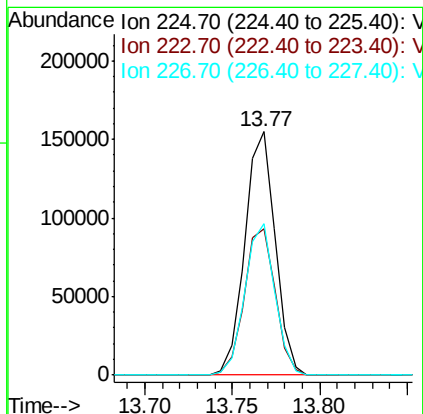
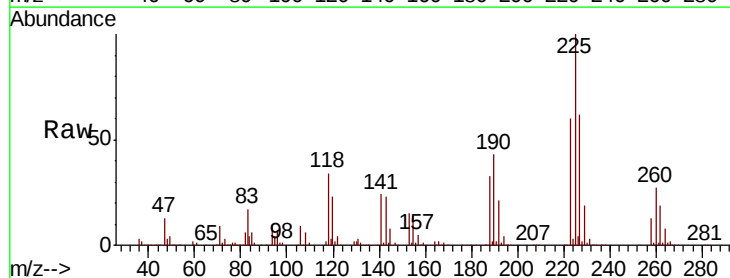
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

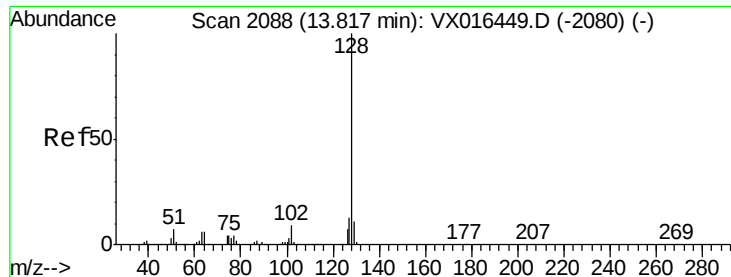
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.3	144.8
145	30.9	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 81.841 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016450.D
 Acq: 27 May 2020 15:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	32.3	96.8
227	61.5	31.6	94.7





#95

Naphthalene

Concen: 99.022 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

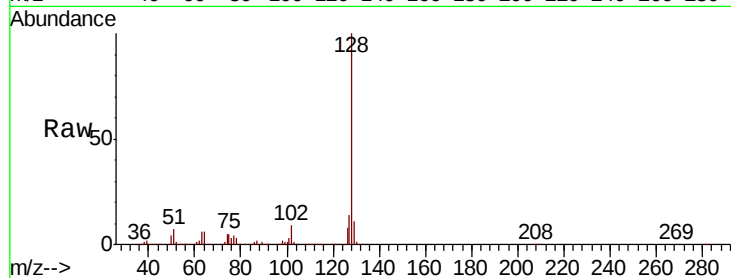
Tot Ion:128 Resp: 1631004

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

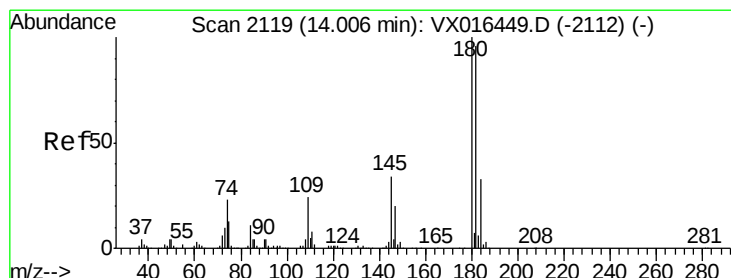
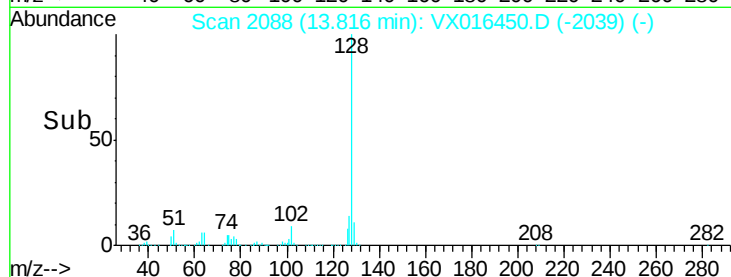
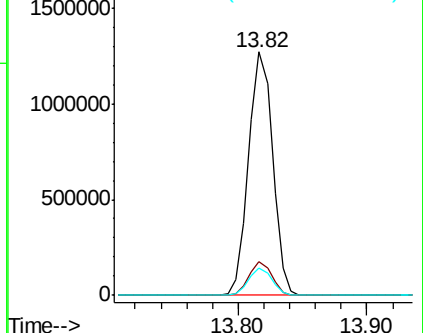
129 11.1 8.6 13.0



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: 94.165 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016450.D

Acq: 27 May 2020 15:50

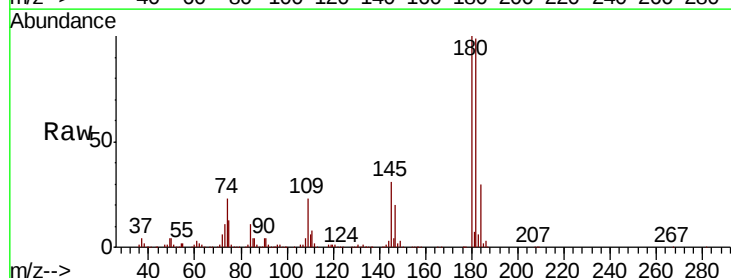
Tgt Ion:180 Resp: 462911

Ion Ratio Lower Upper

180 100

182 96.1 48.6 145.8

145 32.3 16.6 49.8



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

