

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016424.D
 Acq On : 26 May 2020 14:02
 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 26 15:58:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 15:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	171574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	278842	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	259069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	135738	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	211873	92.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	185.86%	
35) Dibromofluoromethane	5.47	113	179625	100.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.92%	
50) Toluene-d8	8.70	98	676454	98.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.78%	
62) 4-Bromofluorobenzene	11.12	95	253799	97.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	148145	85.115	ug/l	100
3) Chloromethane	1.31	50	161114	78.431	ug/l	98
4) Vinyl Chloride	1.39	62	214923	94.821	ug/l	98
5) Bromomethane	1.62	94	296906	200.999	ug/l	98
6) Chloroethane	1.70	64	149664	106.351	ug/l	100
7) Trichlorofluoromethane	1.90	101	355274	115.234	ug/l	97
8) Diethyl Ether	2.17	74	140918	109.279	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	158054	93.851	ug/l	97
10) Methyl Iodide	2.49	142	191068	88.276	ug/l	98
11) Tert butyl alcohol	3.03	59	245977	441.215	ug/l	100
12) 1,1-Dichloroethene	2.35	96	162375	92.190	ug/l	98
13) Acrolein	2.27	56	134339	396.819	ug/l	98
14) Allyl chloride	2.70	41	264926	83.282	ug/l	98
15) Acrylonitrile	3.12	53	509458	438.684	ug/l	100
16) Acetone	2.42	43	421333	426.101	ug/l	100
17) Carbon Disulfide	2.54	76	479194	80.047	ug/l	99
18) Methyl Acetate	2.75	43	207347	85.342	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	576230	94.381	ug/l	99
20) Methylene Chloride	2.83	84	184702	89.744	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	188951	94.925	ug/l	95
22) Diisopropyl ether	3.82	45	549982	90.286	ug/l	98
23) Vinyl Acetate	3.79	43	2482069	463.991	ug/l	99
24) 1,1-Dichloroethane	3.67	63	318732	92.918	ug/l	99
25) 2-Butanone	4.64	43	711484	445.998	ug/l	98
26) 2,2-Dichloropropane	4.55	77	290875	92.624	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	214702	98.305	ug/l	100
28) Bromochloromethane	4.98	49	146577	93.291	ug/l	99
29) Tetrahydrofuran	5.09	42	464607	440.138	ug/l	100
30) Chloroform	5.18	83	341790	99.103	ug/l	98
31) Cyclohexane	5.55	56	272421	88.901	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	312213	99.280	ug/l	100
36) 1,1-Dichloropropene	5.77	75	253252	92.842	ug/l	99
37) Ethyl Acetate	4.80	43	276014	88.717	ug/l	100
38) Carbon Tetrachloride	5.76	117	281985	101.266	ug/l	92

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 VSTDICC100

Quant Time: May 26 15:58:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.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	285768	88.504	ug/l	96
40) Benzene	6.12	78	753588	94.281	ug/l	100
41) Methacrylonitrile	5.01	41	150987	89.915	ug/l	99
42) 1,2-Dichloroethane	6.17	62	266984	92.849	ug/l	100
43) Isopropyl Acetate	6.42	43	443112	88.991	ug/l	100
44) Trichloroethene	7.19	130	245343	86.871	ug/l	94
45) 1,2-Dichloropropane	7.49	63	187092	93.179	ug/l	98
46) Dibromomethane	7.64	93	138944	100.102	ug/l	98
47) Bromodichloromethane	7.88	83	278475	99.340	ug/l	98
48) Methyl methacrylate	7.75	41	209039	89.102	ug/l	98
49) 1,4-Dioxane	7.72	88	104592	1831.358	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1426957	467.791	ug/l	100
52) Toluene	8.77	92	491873	98.300	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	317008	95.145	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	327998	94.647	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	200194	101.253	ug/l	98
56) Ethyl methacrylate	9.16	69	312228	98.268	ug/l	100
57) 1,3-Dichloropropane	9.35	76	327776	95.721	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	804133	476.296	ug/l	100
59) 2-Hexanone	9.48	43	1100836	459.128	ug/l	99
60) Dibromochloromethane	9.57	129	240607	109.863	ug/l	99
61) 1,2-Dibromoethane	9.65	107	220936	102.870	ug/l	98
64) Tetrachloroethene	9.32	164	284962	90.748	ug/l	99
65) Chlorobenzene	10.12	112	544201	100.591	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	212889	106.165	ug/l	98
67) Ethyl Benzene	10.24	91	947046	98.719	ug/l	99
68) m/p-Xylenes	10.34	106	752098	208.647	ug/l	99
69) o-Xylene	10.68	106	357800	103.055	ug/l	100
70) Styrene	10.70	104	625042	106.435	ug/l	99
71) Bromoform	10.84	173	180504	110.305	ug/l	97
73) Isopropylbenzene	11.00	105	936711	95.646	ug/l	100
74) N-amyl acetate	10.88	43	392472	87.474	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	247835	137.799	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	378773	124.693	ug/l	83
77) Bromobenzene	11.24	156	248704	97.734	ug/l	97
78) n-propylbenzene	11.34	91	1060699	93.320	ug/l	100
79) 2-Chlorotoluene	11.41	91	623817	92.809	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	773672	93.615	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	119927	94.668	ug/l	99
82) 4-Chlorotoluene	11.49	91	755683	95.117	ug/l	99
83) tert-Butylbenzene	11.76	119	681953	95.799	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	788816	94.608	ug/l	98
85) sec-Butylbenzene	11.93	105	843703	88.592	ug/l	99
86) p-Isopropyltoluene	12.05	119	812466	92.113	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	441494	97.128	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	436699	94.603	ug/l	98
89) n-Butylbenzene	12.37	91	702828	87.711	ug/l	99
90) Hexachloroethane	12.58	117	147477	96.733	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	427137	97.103	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	71825	89.648	ug/l	95

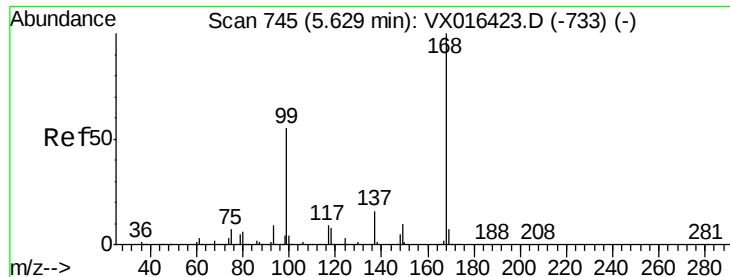
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	273467	85.737	ug/l	96
94) Hexachlorobutadiene	13.77	225	100221	70.267	ug/l	93
95) Naphthalene	13.82	128	986473	94.434	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	265389	85.538	ug/l	100

(#) = 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: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

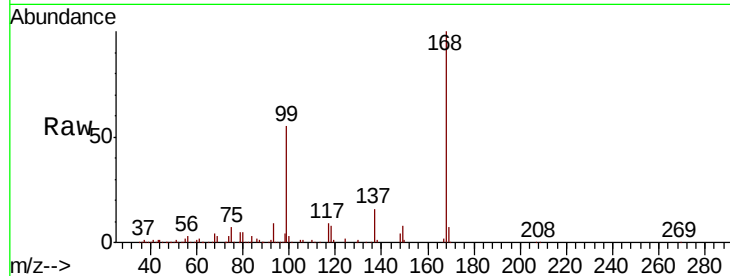
VSTDIC100

Tot Ion:168 Resp: 171574

Ion Ratio Lower Upper

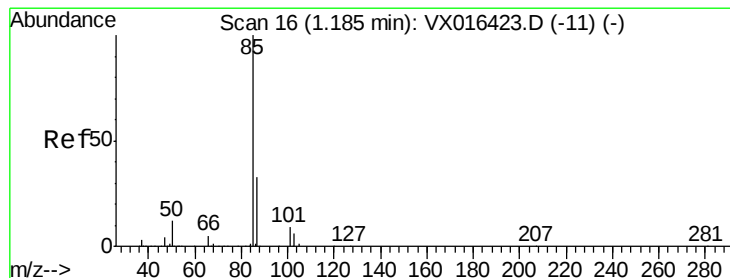
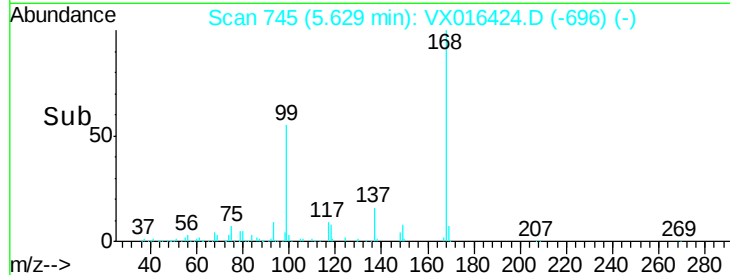
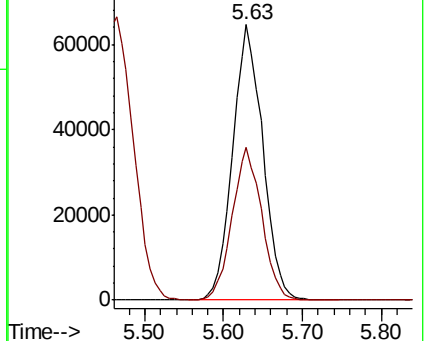
168 100

99 55.2 44.4 66.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 85.115 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX016424.D

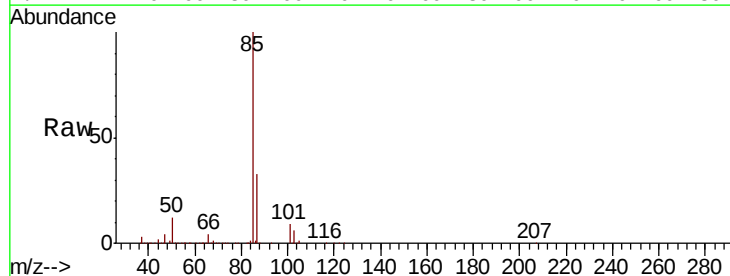
Acq: 26 May 2020 14:02

Tgt Ion: 85 Resp: 148145

Ion Ratio Lower Upper

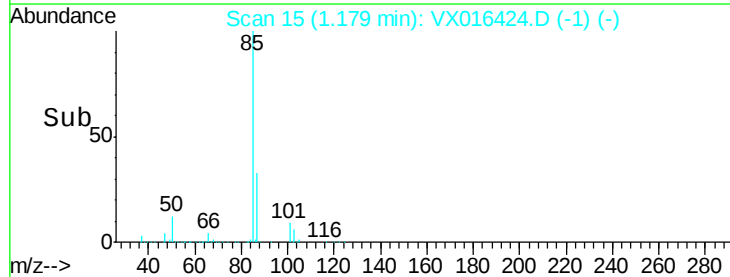
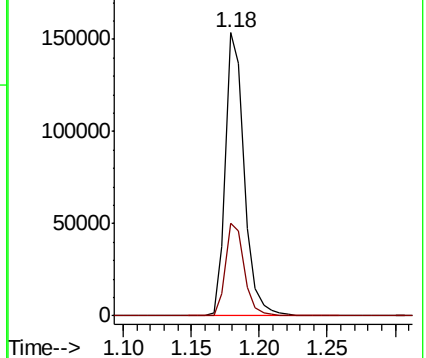
85 100

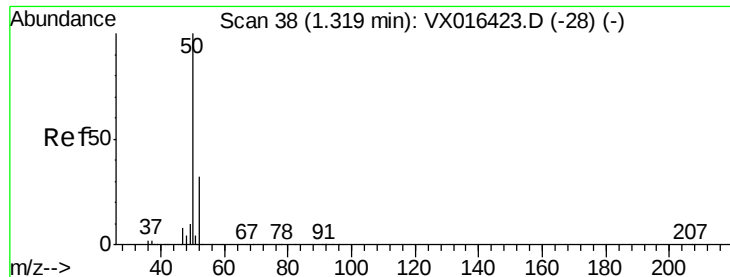
87 32.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 78.431 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

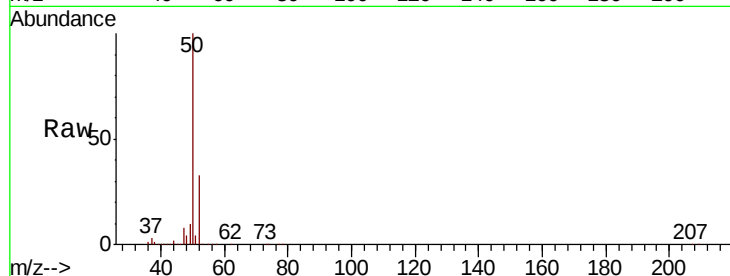
VSTDIC100

Tot Ion: 50 Resp: 161114

Ion Ratio Lower Upper

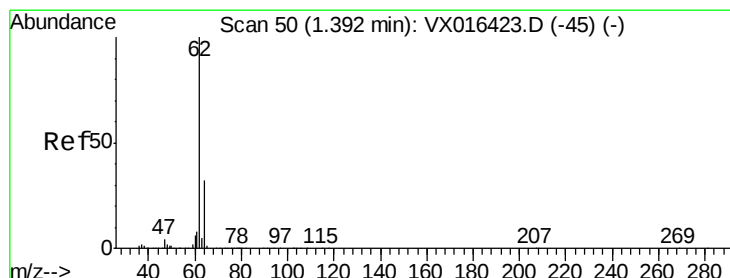
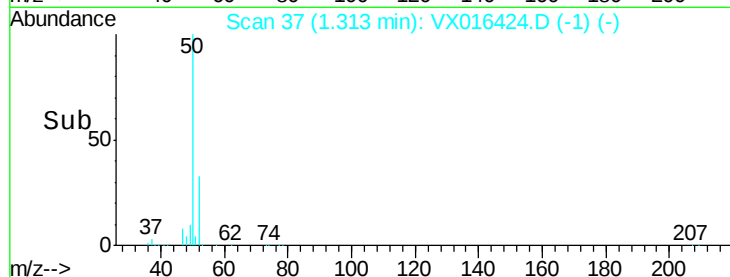
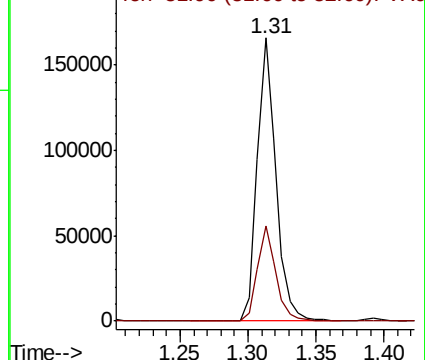
50 100

52 33.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 94.821 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016424.D

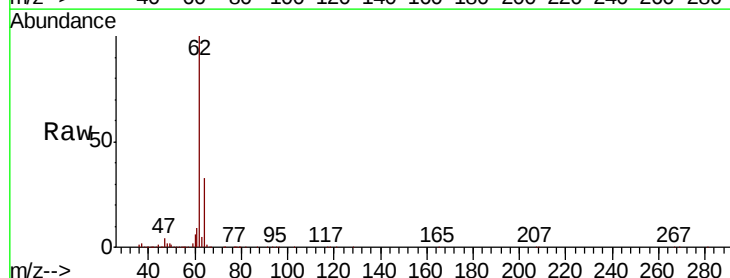
Acq: 26 May 2020 14:02

Tgt Ion: 62 Resp: 214923

Ion Ratio Lower Upper

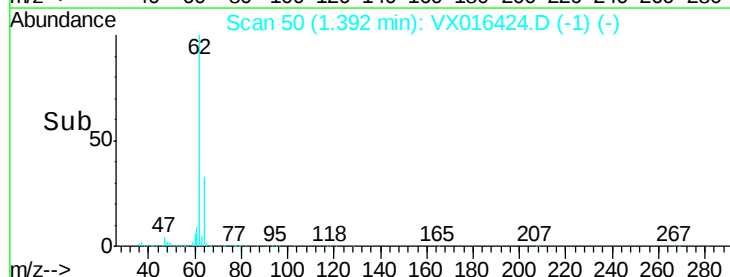
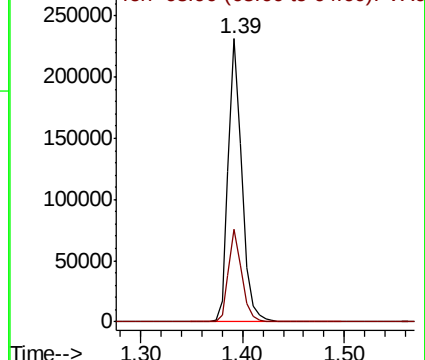
62 100

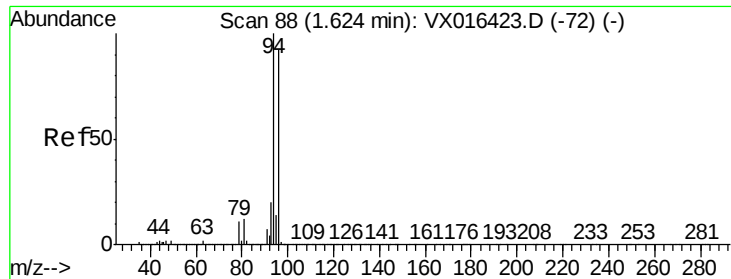
64 32.6 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 200.999 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

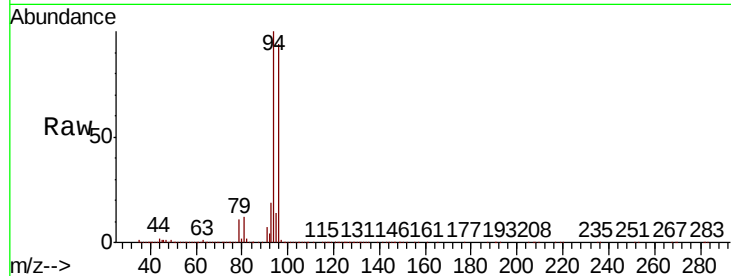
VSTDIC100

Tot Ion: 94 Resp: 296906

Ion Ratio Lower Upper

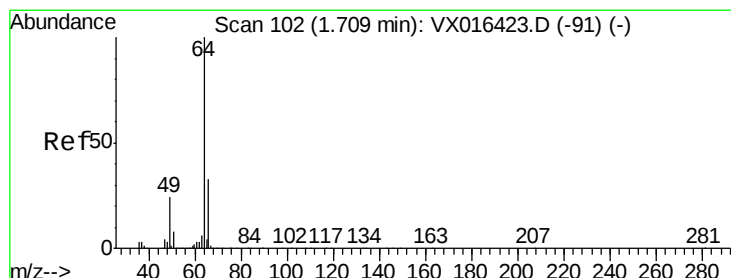
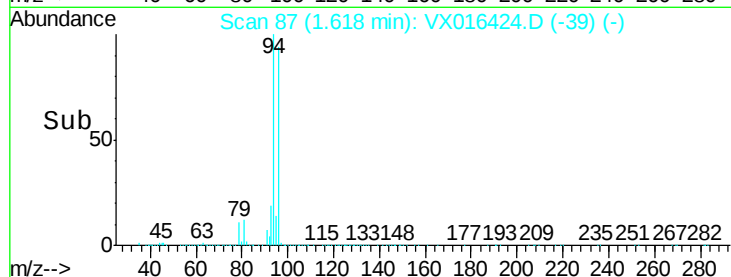
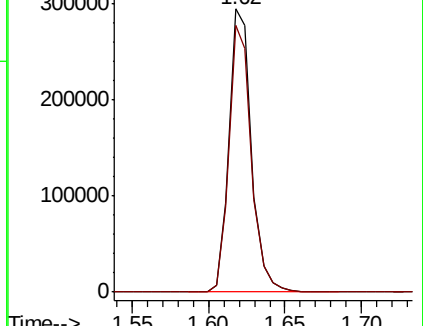
94 100

96 94.2 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 106.351 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX016424.D

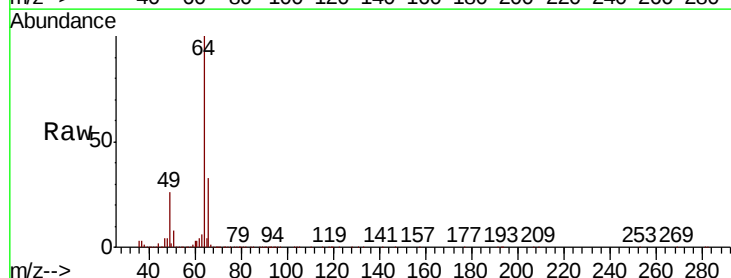
Acq: 26 May 2020 14:02

Tgt Ion: 64 Resp: 149664

Ion Ratio Lower Upper

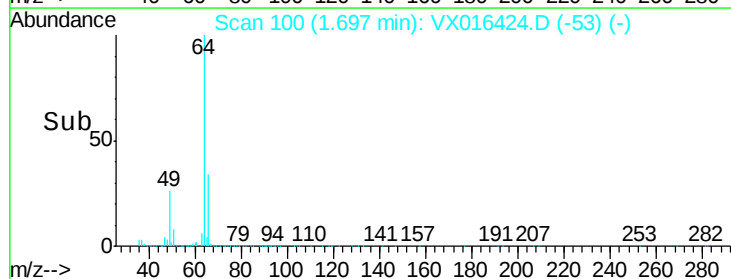
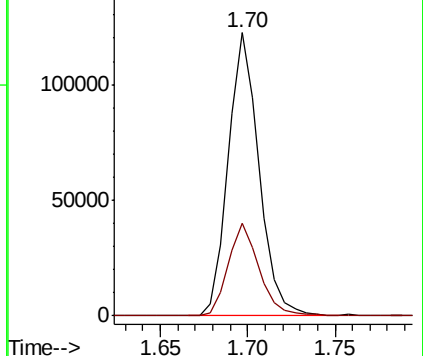
64 100

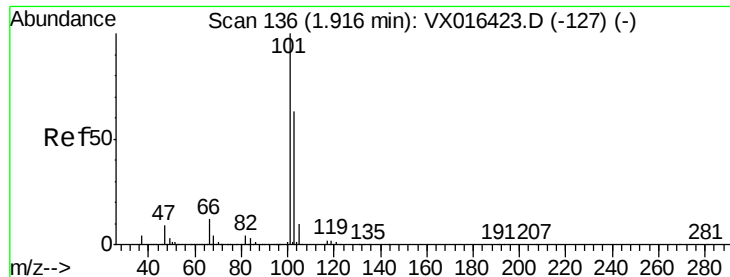
66 32.7 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



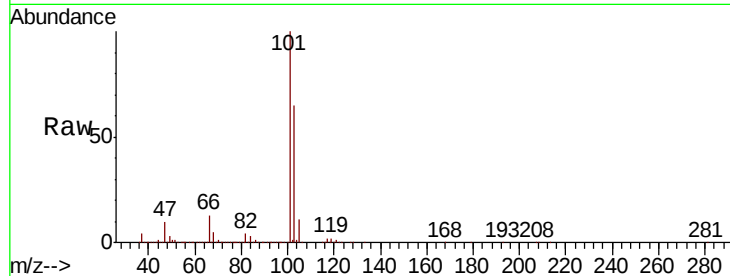


#7

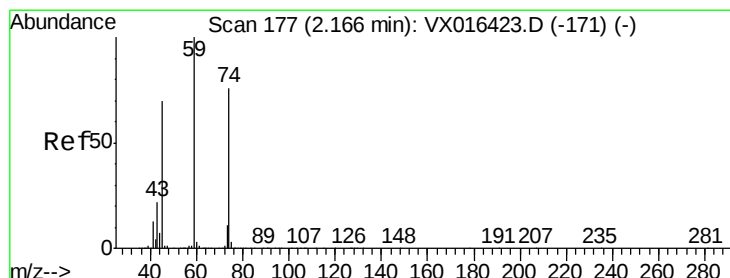
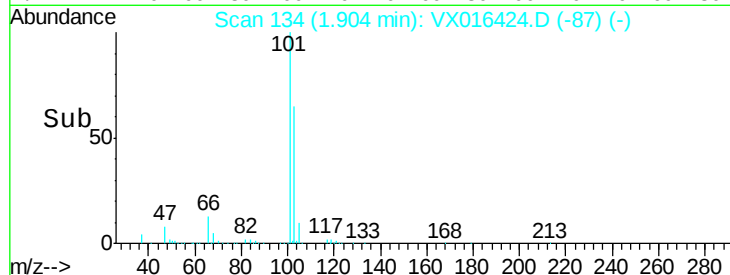
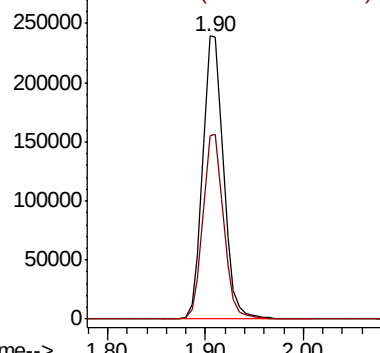
Trichlorofluoromethane
Concen: 115.234 ug/l
RT: 1.90 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 101 Resp: 355274
Ion Ratio Lower Upper
101 100
103 65.0 50.1 75.1



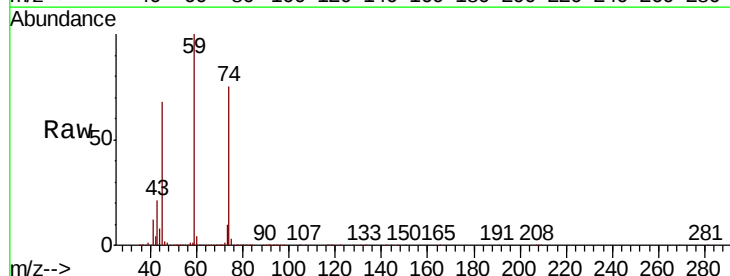
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



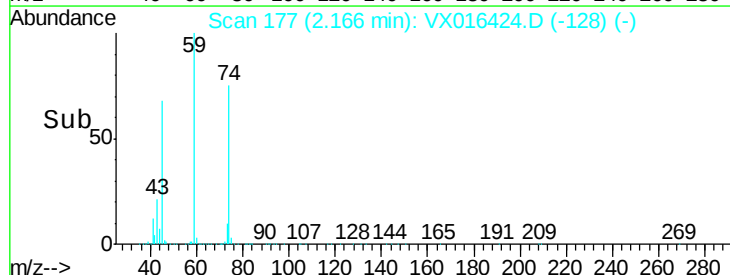
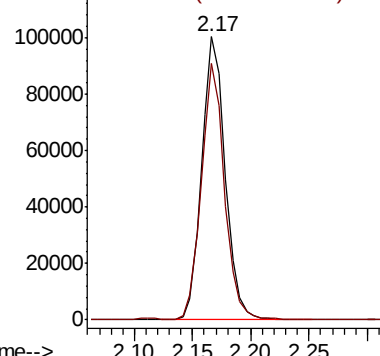
#8

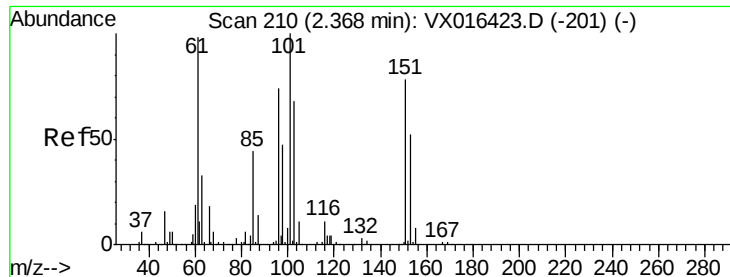
Diethyl Ether
Concen: 109.279 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

Tgt Ion: 74 Resp: 140918
Ion Ratio Lower Upper
74 100
45 88.6 44.4 133.2



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 93.851 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

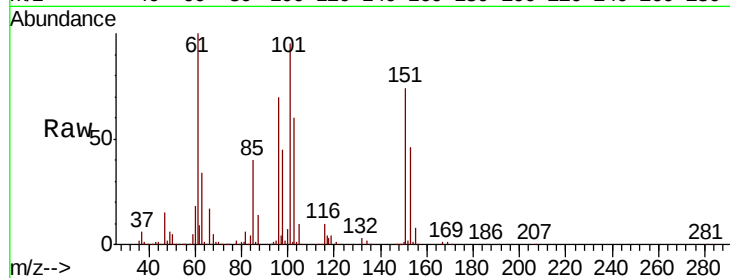
Tot Ion:101 Resp: 158054

Ion Ratio Lower Upper

101 100

85 43.7 36.2 54.4

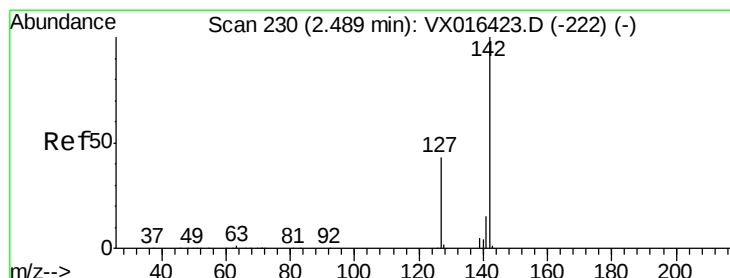
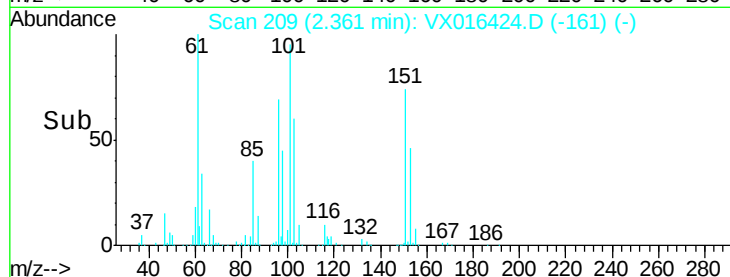
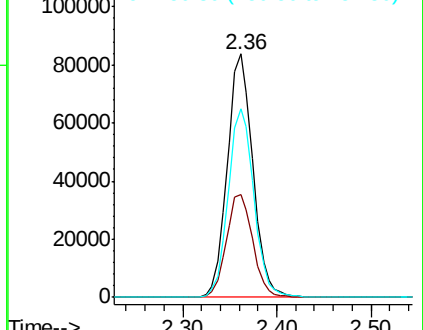
151 78.1 60.4 90.6



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: 88.276 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

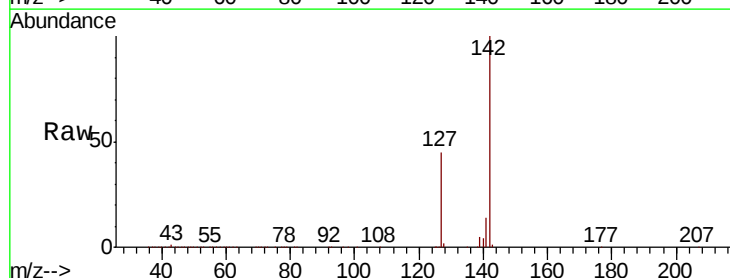
Tgt Ion:142 Resp: 191068

Ion Ratio Lower Upper

142 100

127 44.2 36.2 54.4

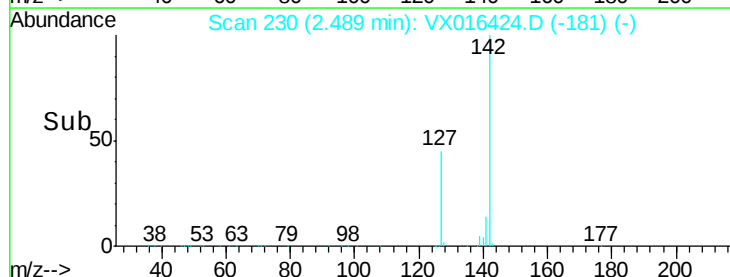
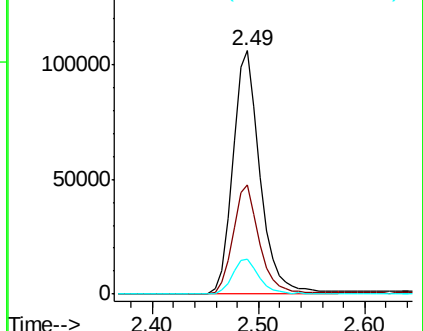
141 14.3 12.2 18.2

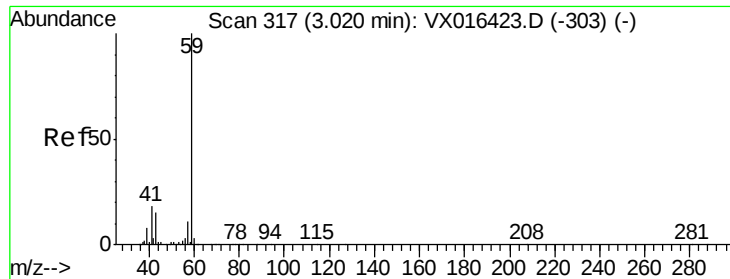


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



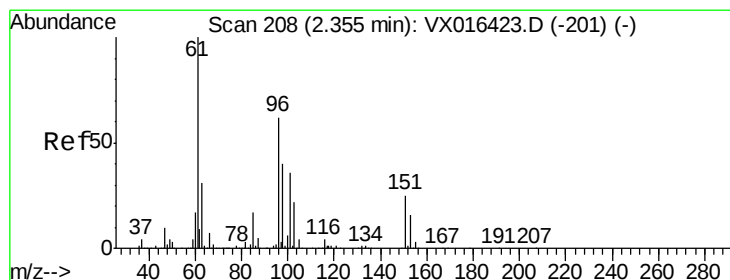
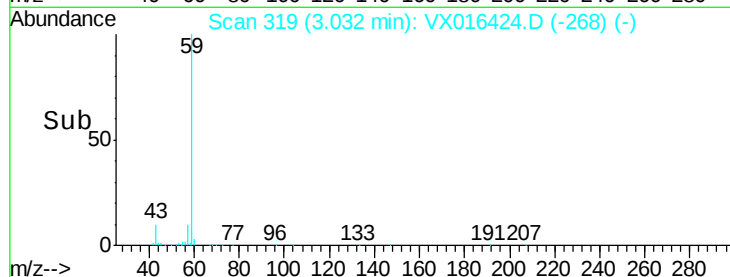
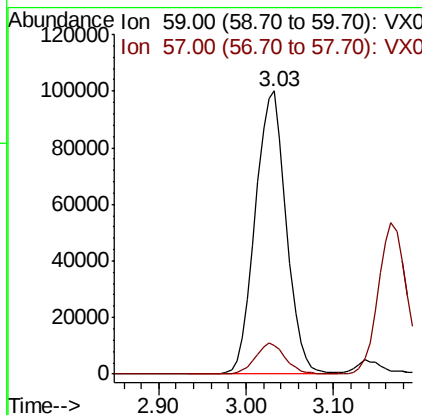
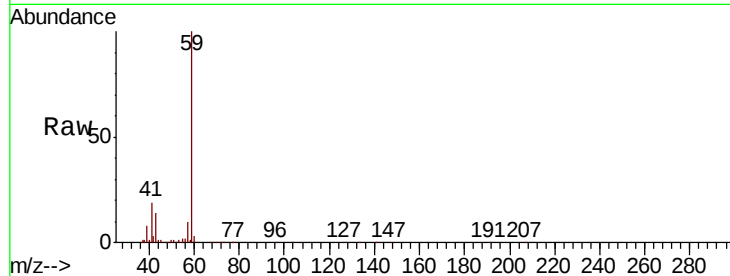


#11

Tert butyl alcohol
Concen: 441.215 ug/l
RT: 3.03 min Scan# 319
Delta R.T. 0.01 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

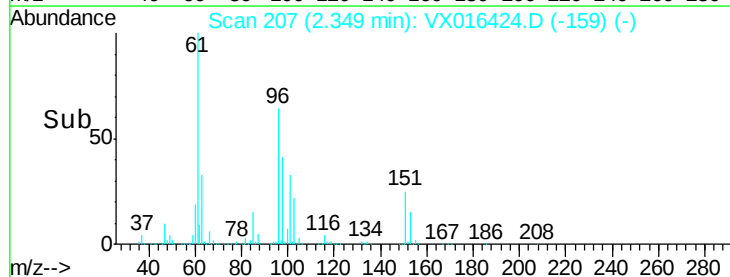
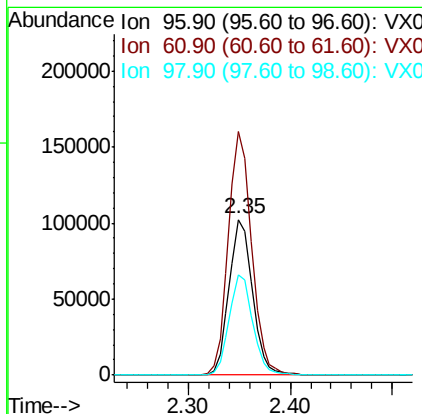
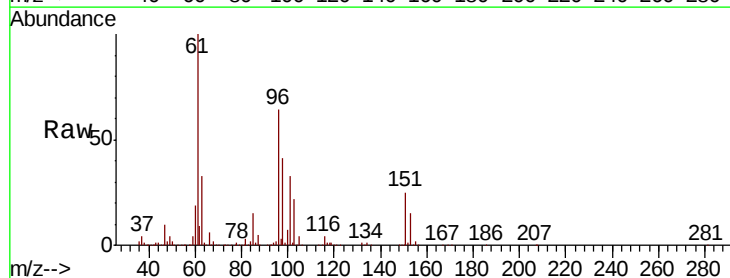
Tot Ion: 59 Resp: 245977
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7

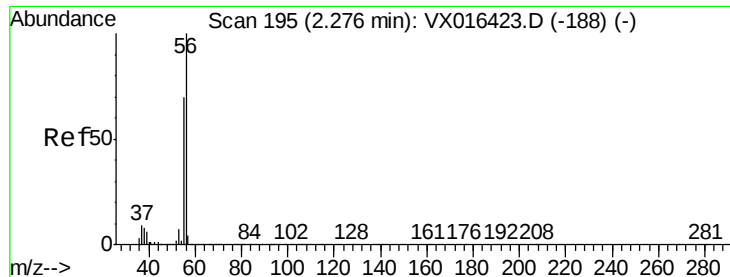


#12

1,1-Dichloroethene
Concen: 92.190 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

Tgt Ion: 96 Resp: 162375
Ion Ratio Lower Upper
96 100
61 156.6 128.2 192.4
98 64.4 50.8 76.2





#13

Acrolein

Concen: 396.819 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

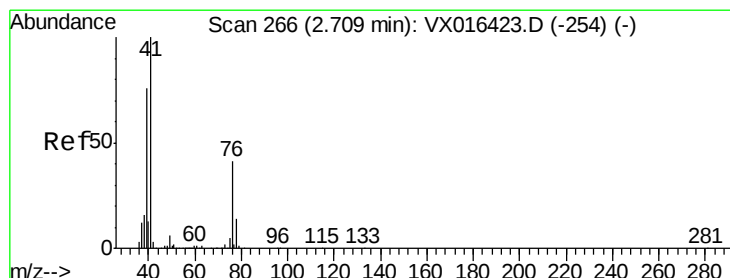
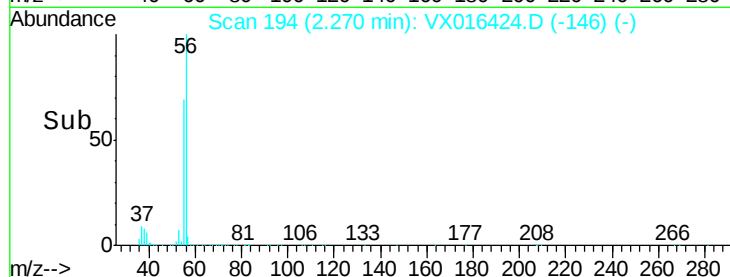
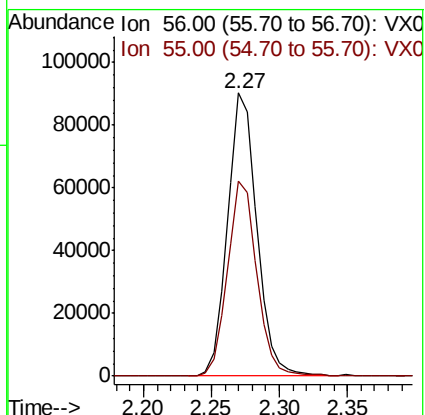
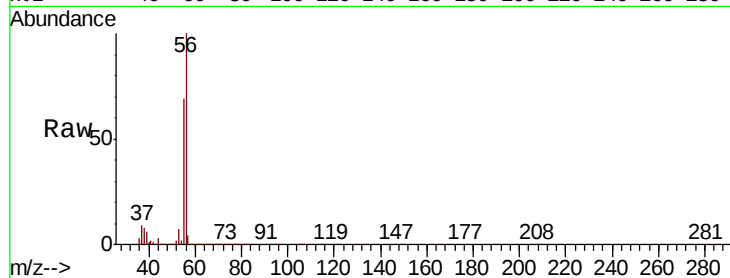
VSTDIC100

Tot Ion: 56 Resp: 134339

Ion Ratio Lower Upper

56 100

55 68.9 56.5 84.7



#14

Allyl chloride

Concen: 83.282 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

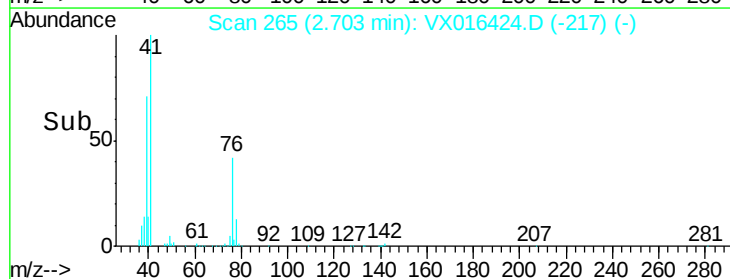
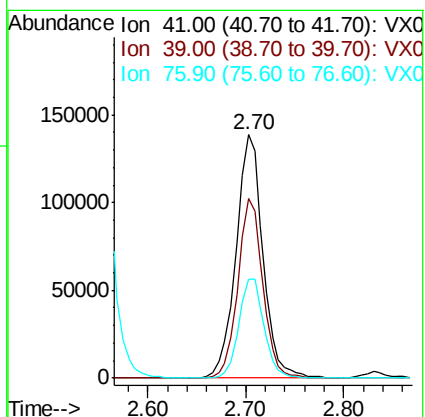
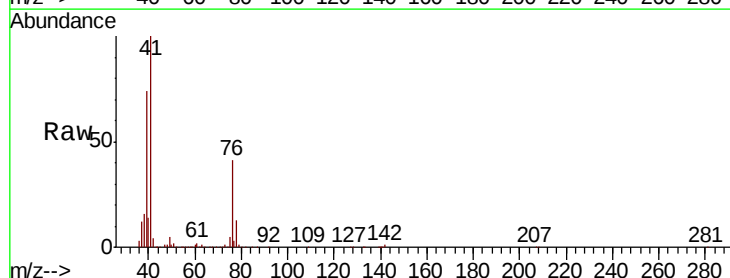
Tgt Ion: 41 Resp: 264926

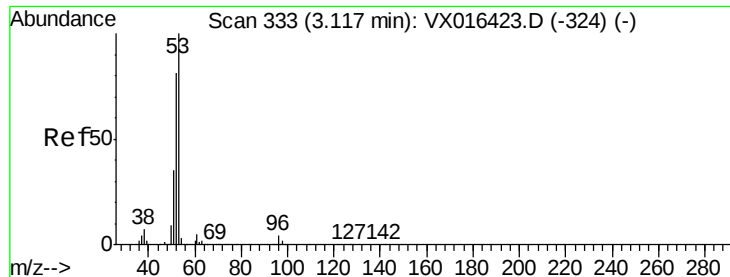
Ion Ratio Lower Upper

41 100

39 68.2 55.8 83.8

76 38.1 29.6 44.4





#15

Acrylonitrile

Concen: 438.684 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

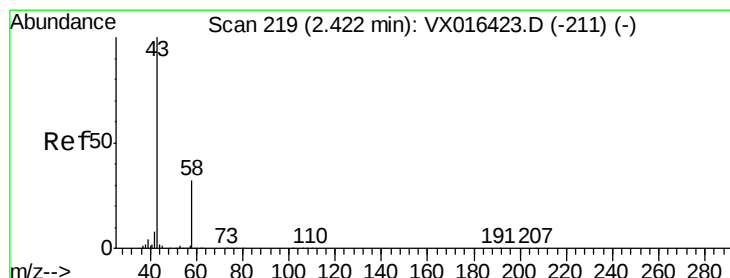
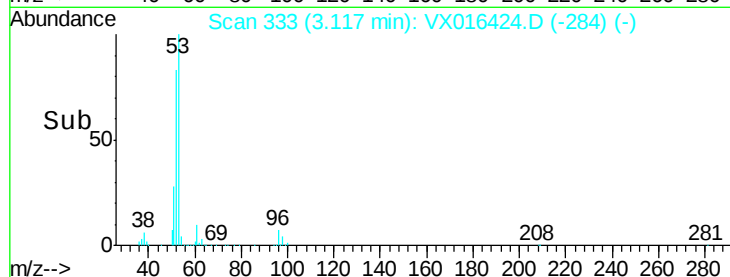
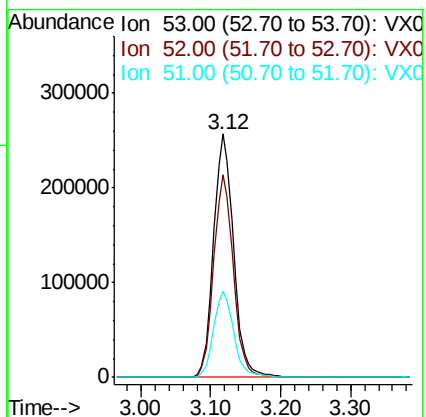
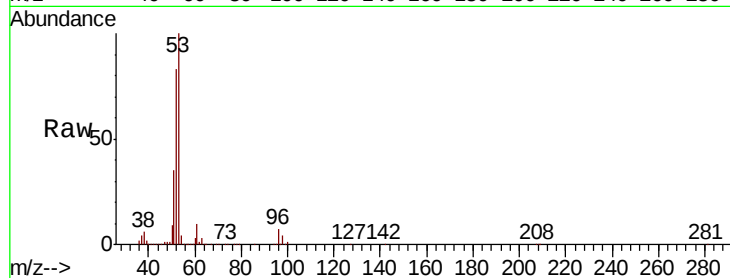
Tot Ion: 53 Resp: 509458

Ion Ratio Lower Upper

53 100

52 81.9 65.4 98.2

51 35.8 28.4 42.6



#16

Acetone

Concen: 426.101 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016424.D

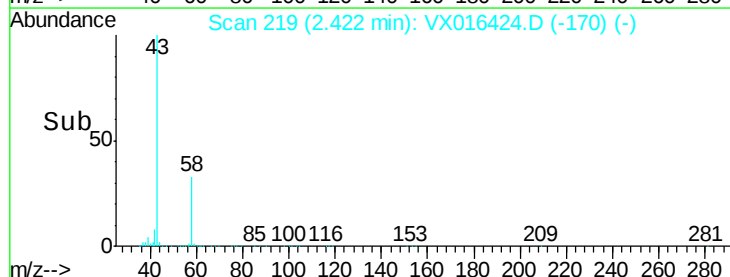
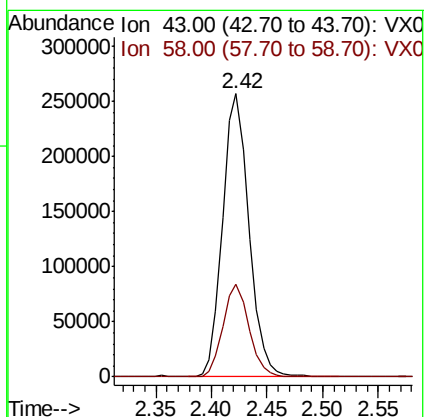
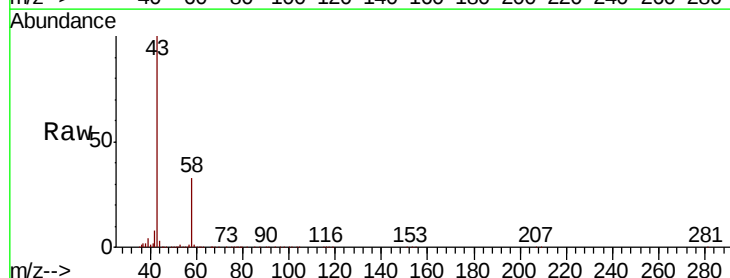
Acq: 26 May 2020 14:02

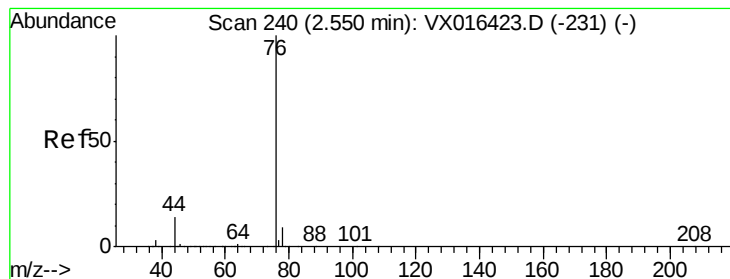
Tgt Ion: 43 Resp: 421333

Ion Ratio Lower Upper

43 100

58 32.6 26.0 39.0





#17

Carbon Disulfide

Concen: 80.047 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

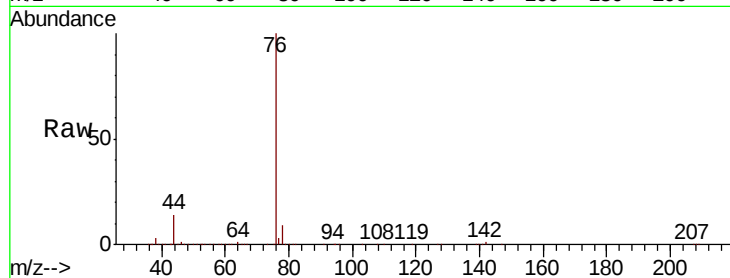
VSTDIC100

Tot Ion: 76 Resp: 479194

Ion Ratio Lower Upper

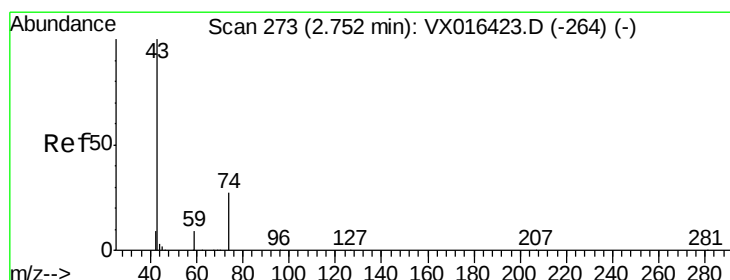
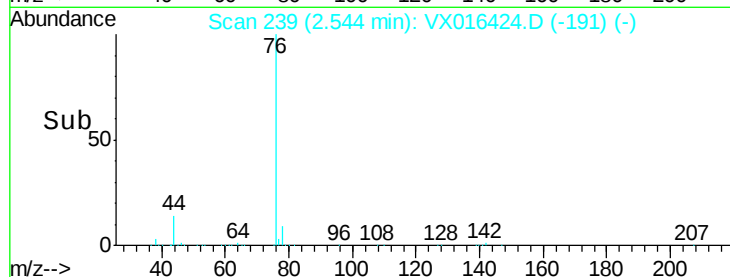
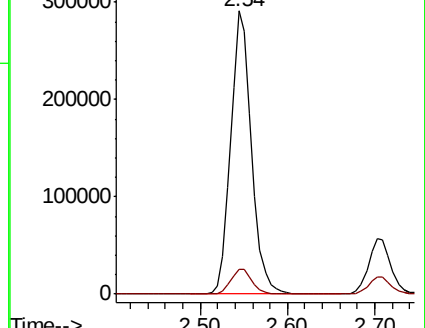
76 100

78 8.8 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: 85.342 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016424.D

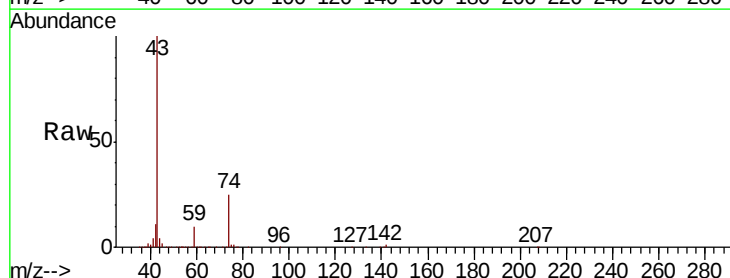
Acq: 26 May 2020 14:02

Tgt Ion: 43 Resp: 207347

Ion Ratio Lower Upper

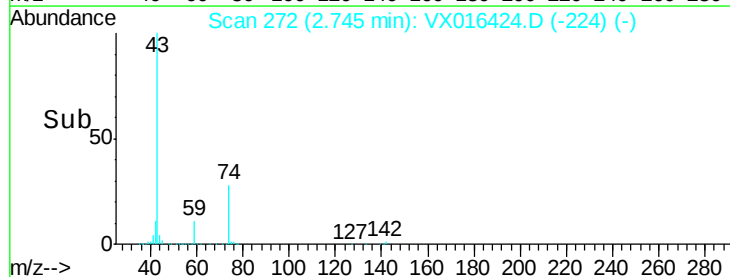
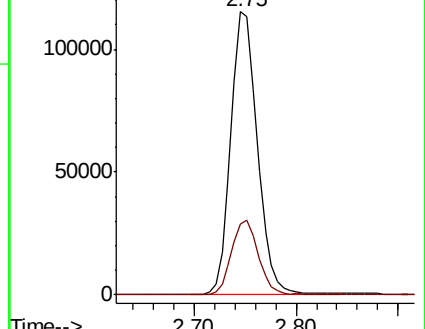
43 100

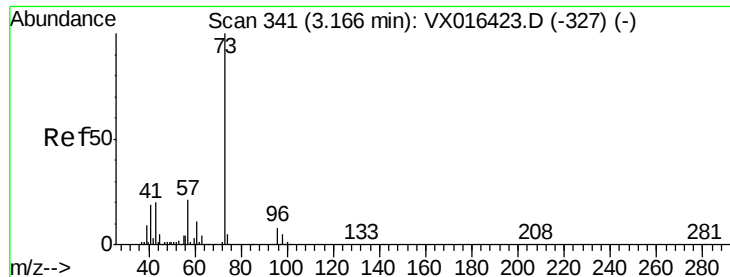
74 26.9 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

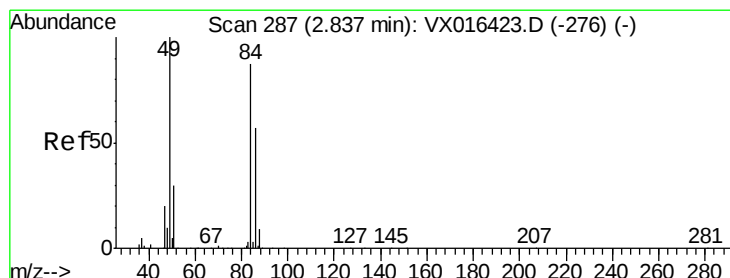
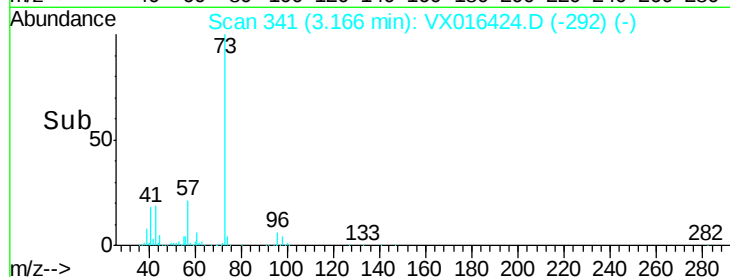
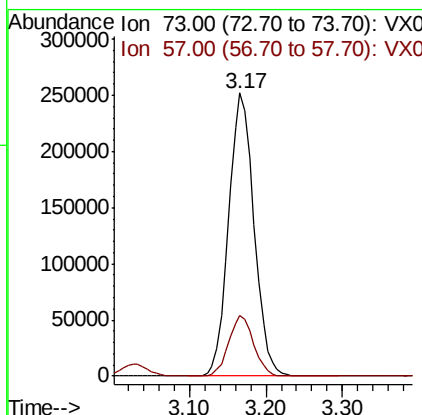
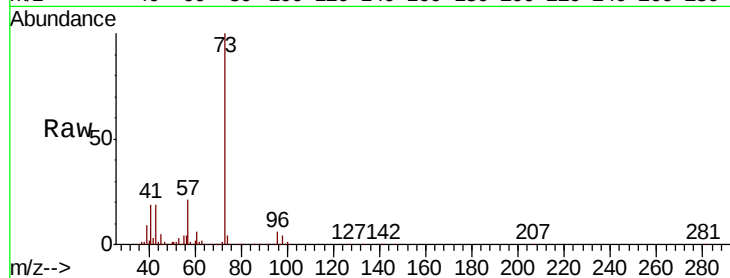




#19
Methyl tert-butyl Ether
Concen: 94.381 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

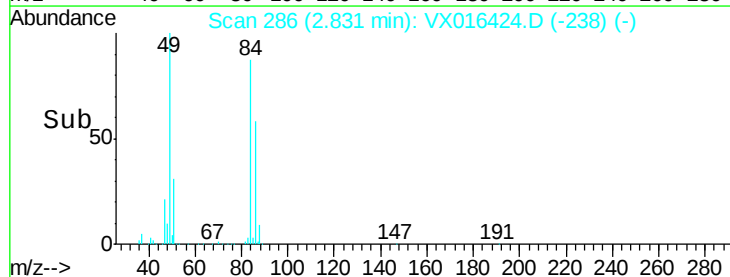
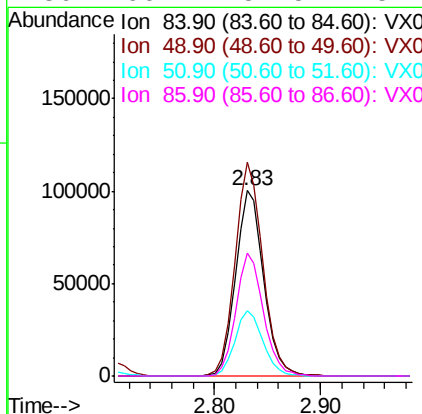
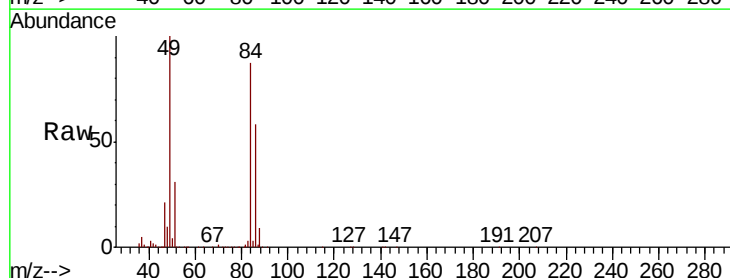
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

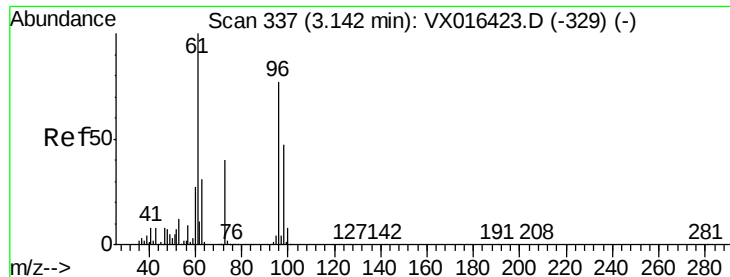
Tot Ion: 73 Resp: 576230
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 89.744 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

Tgt Ion: 84 Resp: 184702
Ion Ratio Lower Upper
84 100
49 115.1 92.2 138.4
51 35.2 27.8 41.8
86 66.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 94.925 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

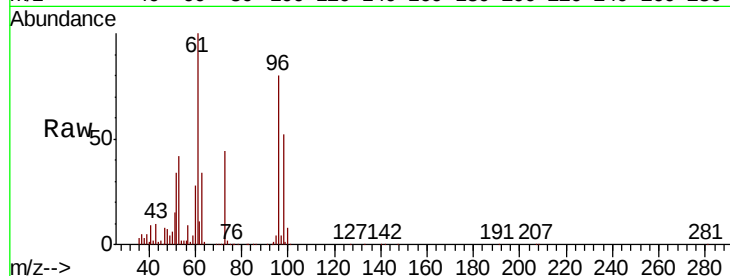
Tot Ion: 96 Resp: 188951

Ion Ratio Lower Upper

96 100

61 124.3 104.3 156.5

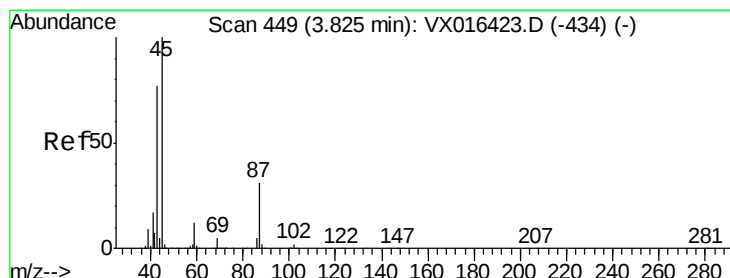
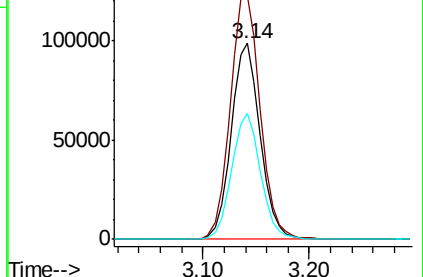
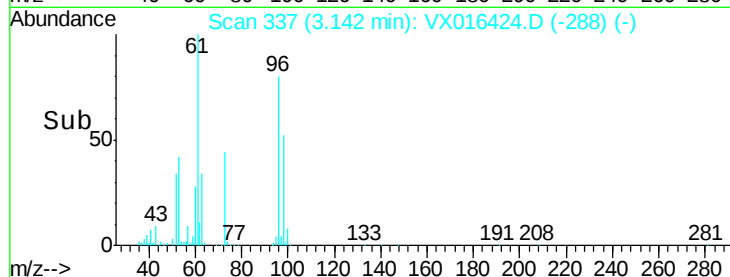
98 64.4 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 90.286 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Tgt Ion: 45 Resp: 549982

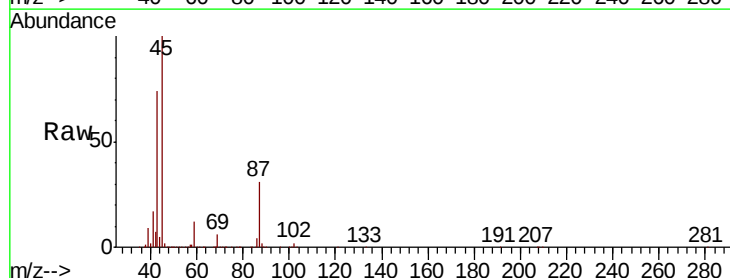
Ion Ratio Lower Upper

45 100

43 74.1 61.4 92.2

87 30.8 24.4 36.6

59 12.1 9.4 14.2

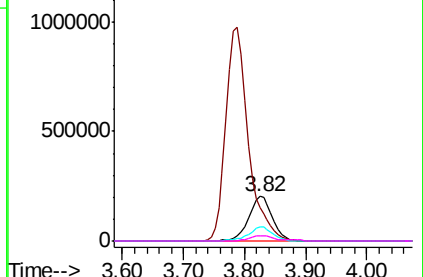
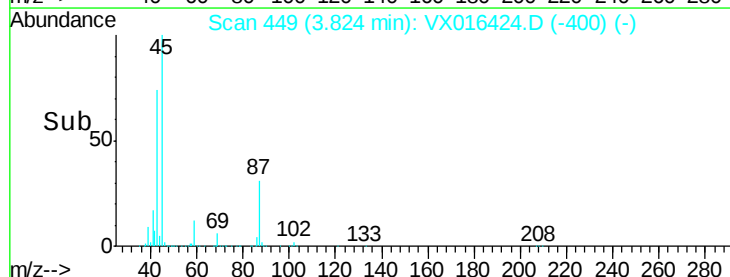


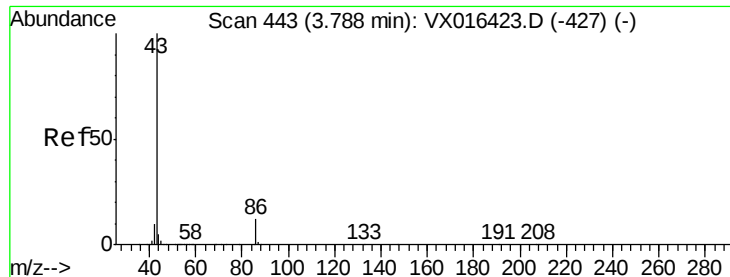
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 463.991 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampled :

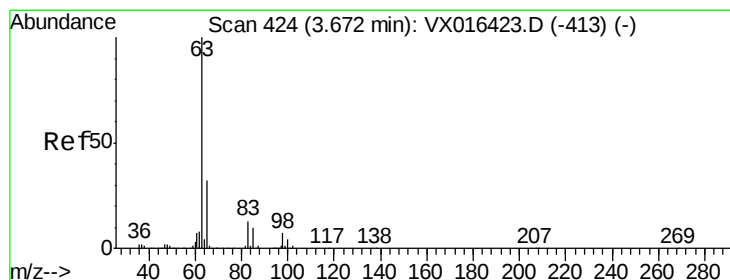
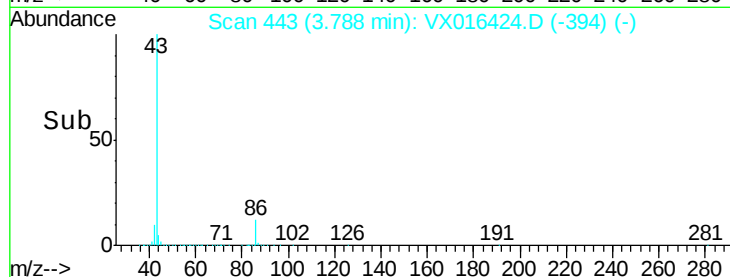
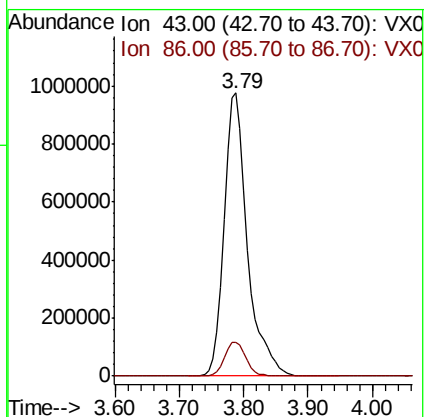
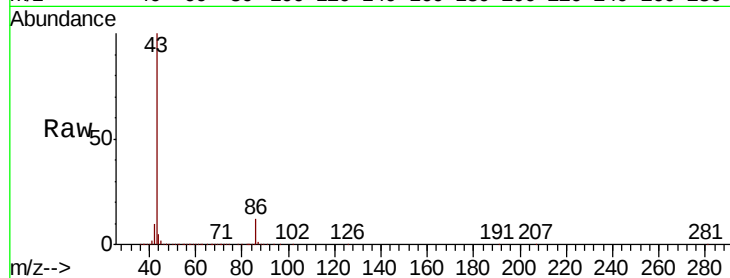
VSTDIC100

Tot Ion: 43 Resp: 2482069

Ion Ratio Lower Upper

43 100

86 12.1 9.8 14.8



#24

1,1-Dichloroethane

Concen: 92.918 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

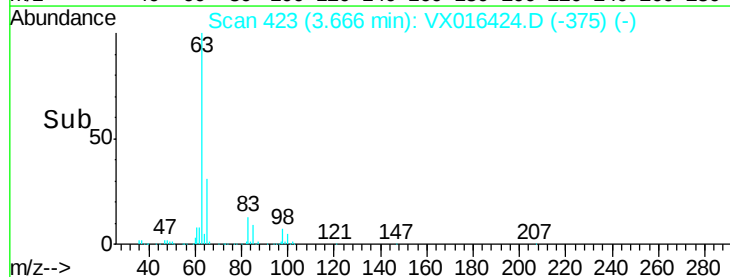
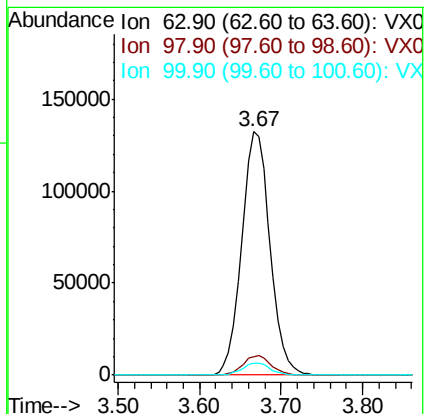
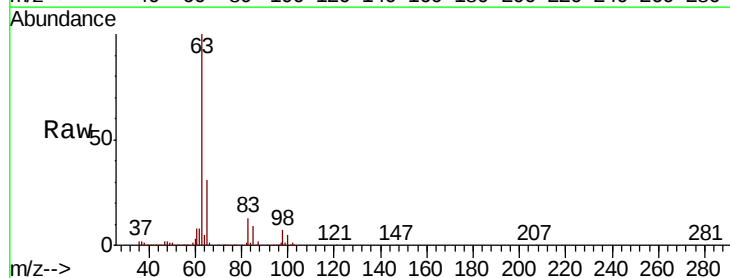
Tgt Ion: 63 Resp: 318732

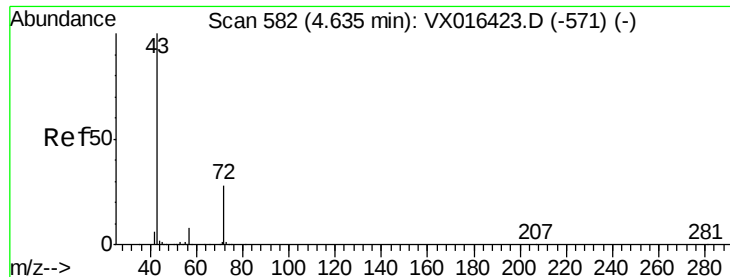
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.8 2.1 6.5

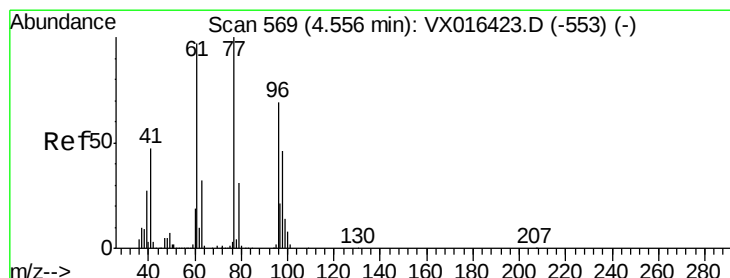
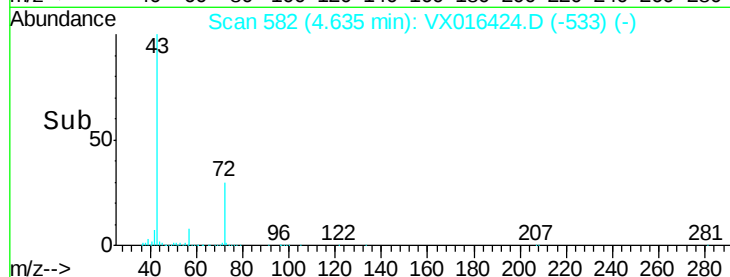
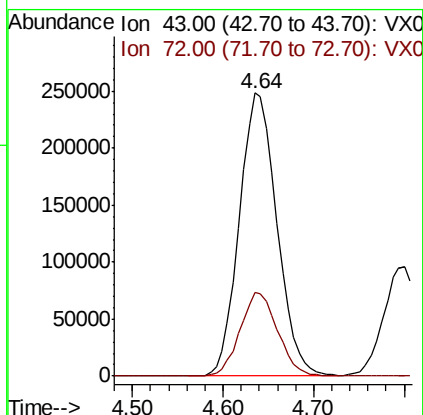
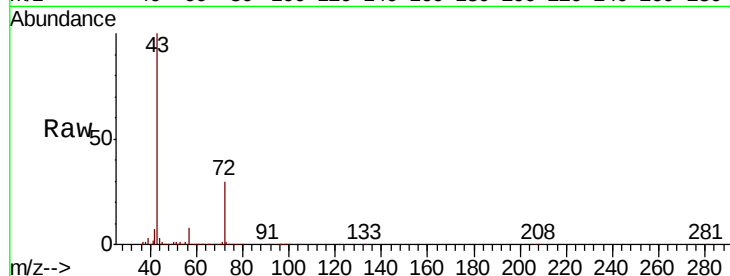




#25
2-Butanone
Concen: 445.998 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

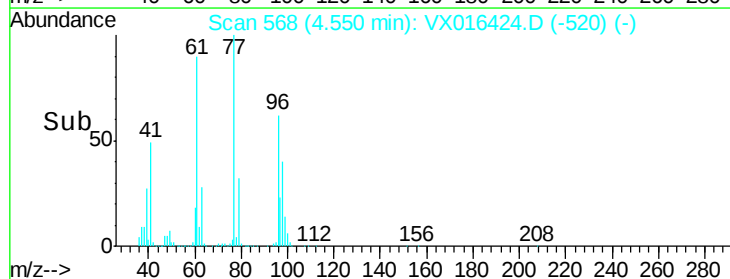
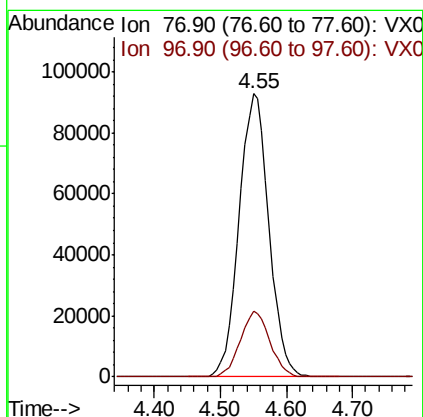
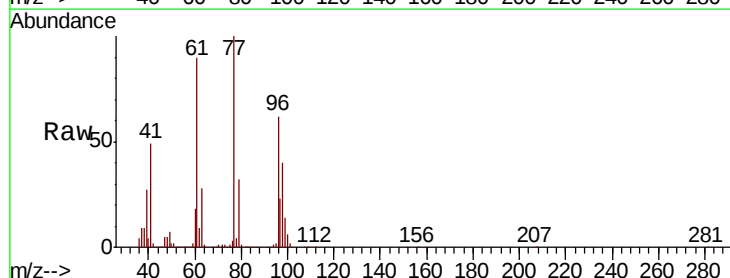
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

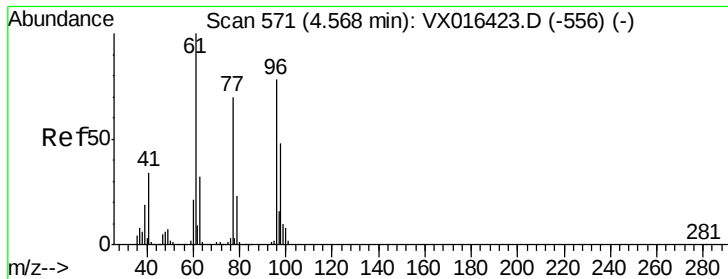
Tot Ion: 43 Resp: 711484
Ion Ratio Lower Upper
43 100
72 29.4 22.7 34.1



#26
2,2-Dichloropropane
Concen: 92.624 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.01 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

Tgt Ion: 77 Resp: 290875
Ion Ratio Lower Upper
77 100
97 22.9 11.5 34.5



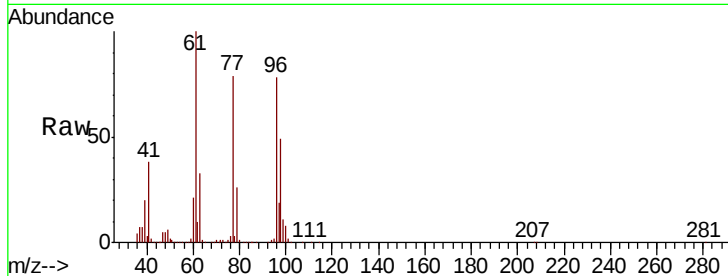


#27

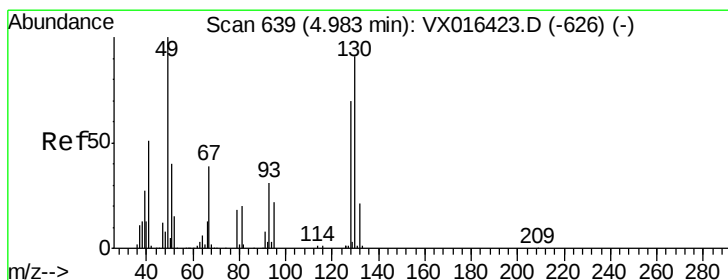
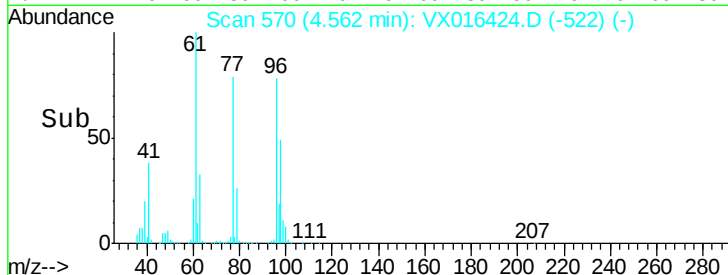
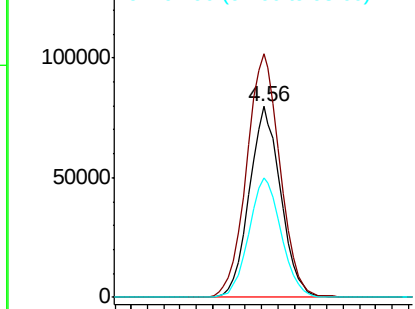
cis-1,2-Dichloroethene
Concen: 98.305 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	271.0
98	64.3	0.0	127.6



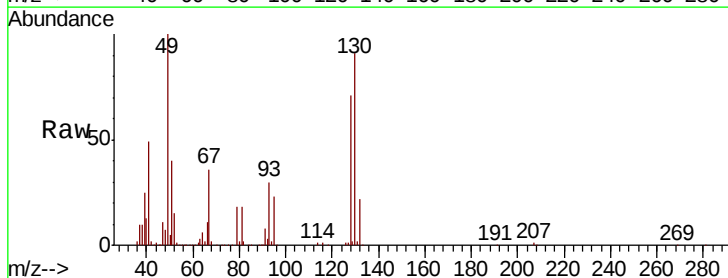
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



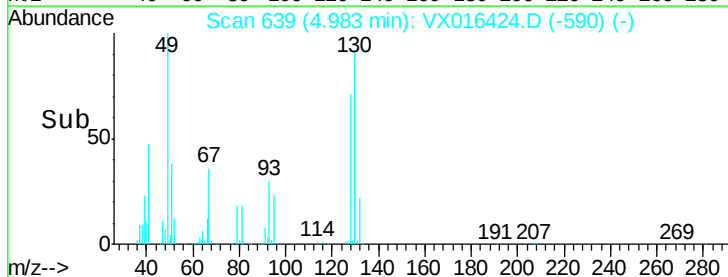
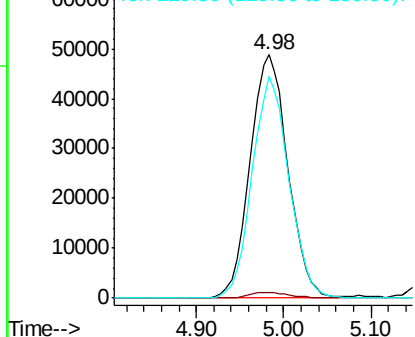
#28

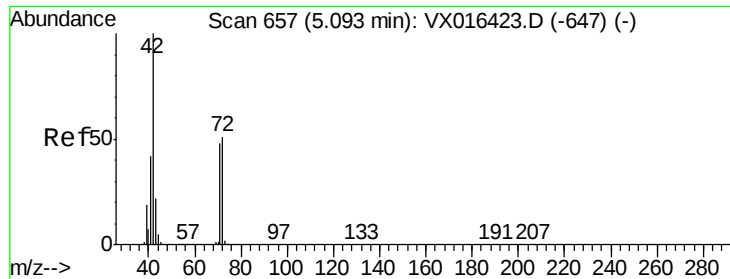
Bromochloromethane
Concen: 93.291 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	88.3	71.2	106.8



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





#29

Tetrahydrofuran

Concen: 440.138 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

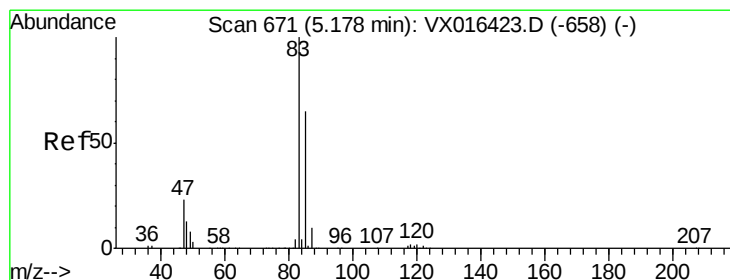
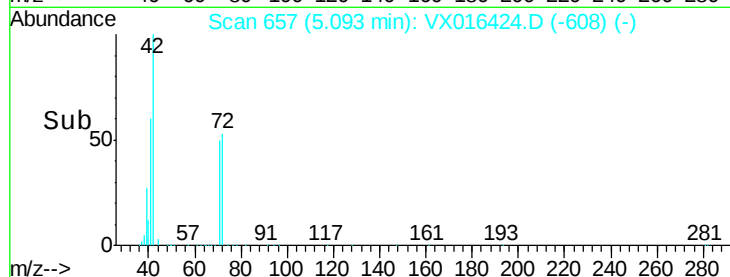
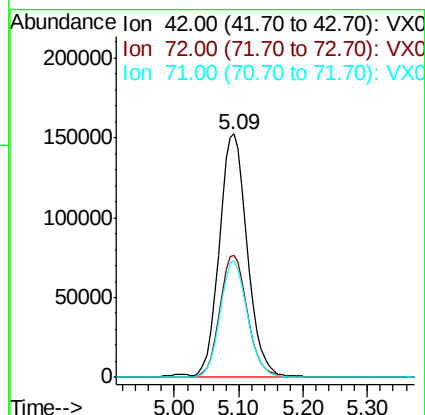
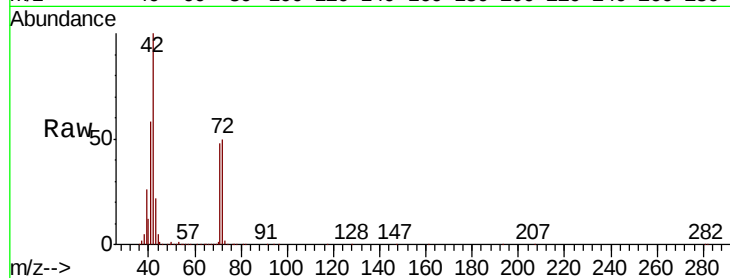
Tot Ion: 42 Resp: 464607

Ion Ratio Lower Upper

42 100

72 50.5 40.2 60.4

71 47.2 37.7 56.5



#30

Chloroform

Concen: 99.103 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016424.D

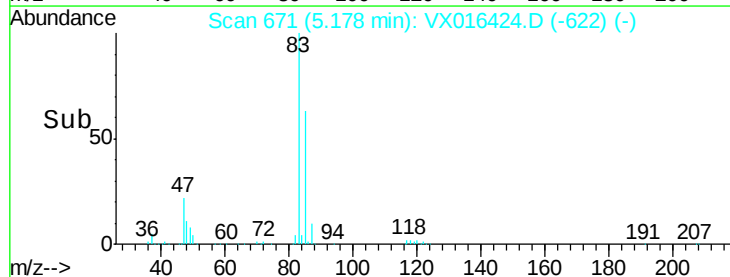
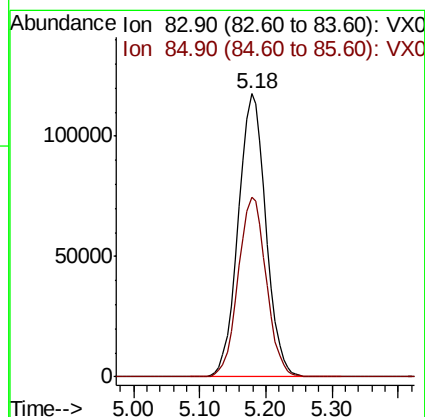
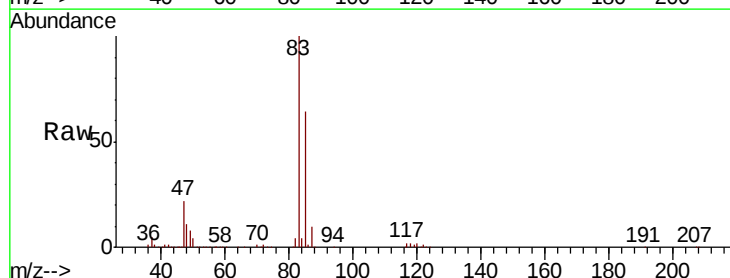
Acq: 26 May 2020 14:02

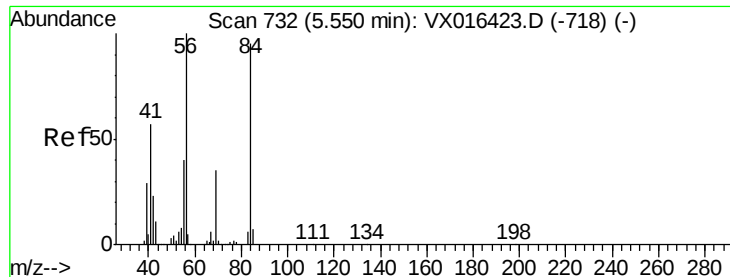
Tgt Ion: 83 Resp: 341790

Ion Ratio Lower Upper

83 100

85 63.6 52.1 78.1

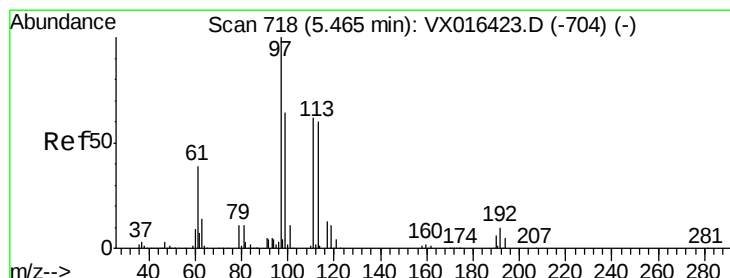
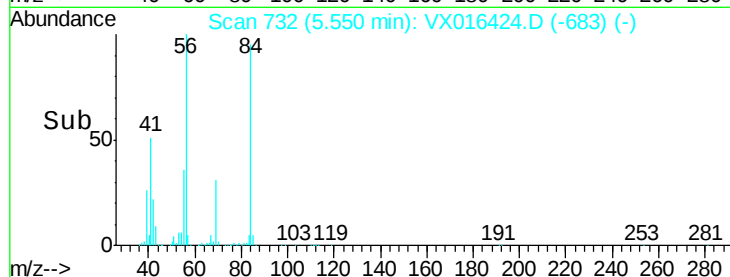
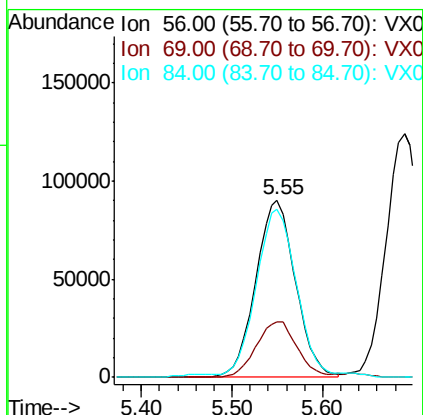
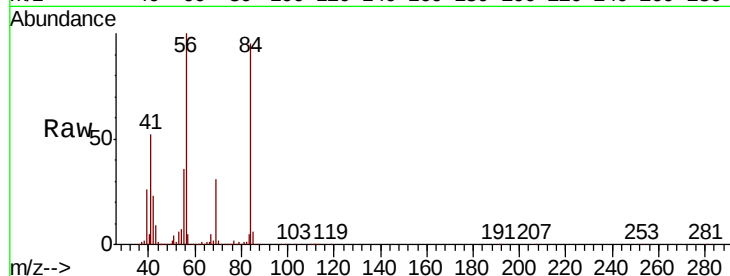




#31
Cyclohexane
Concen: 88.901 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

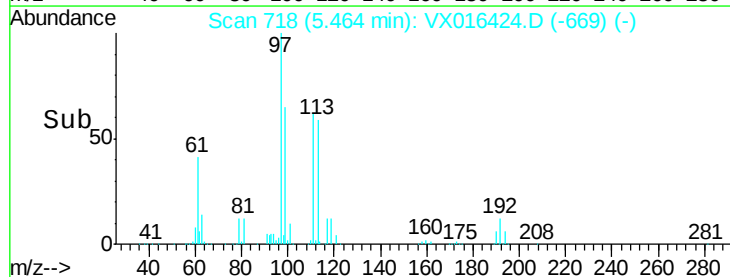
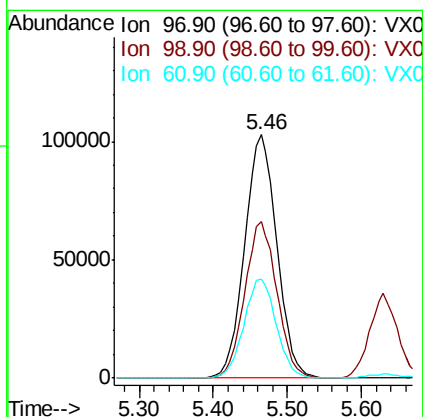
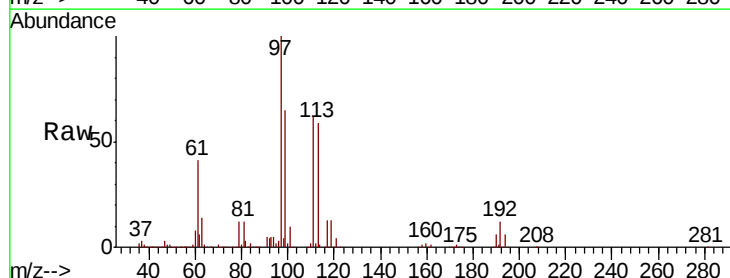
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

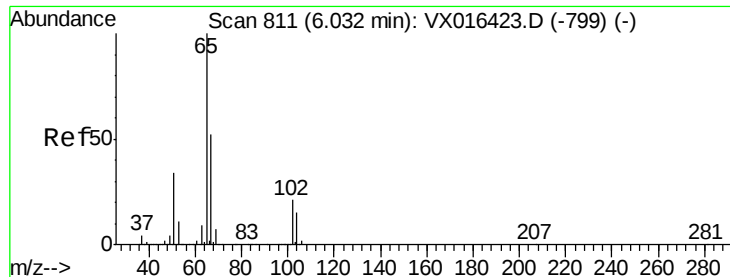
Tot Ion: 56 Resp: 272421
Ion Ratio Lower Upper
56 100
69 31.5 27.7 41.5
84 93.2 76.1 114.1



#32
1,1,1-Trichloroethane
Concen: 99.280 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

Tgt Ion: 97 Resp: 312213
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 41.2 33.1 49.7





#33

1,2-Dichloroethane-d4

Concen: 92.931 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

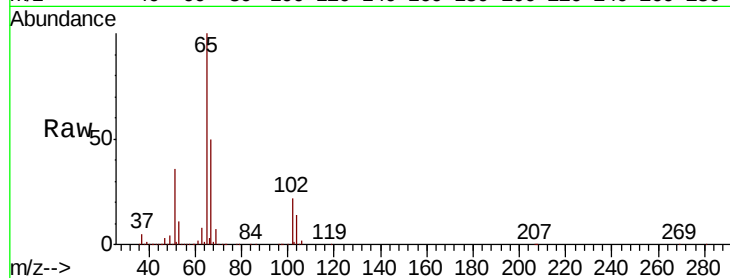
VSTDIC100

Tot Ion: 65 Resp: 211873

Ion Ratio Lower Upper

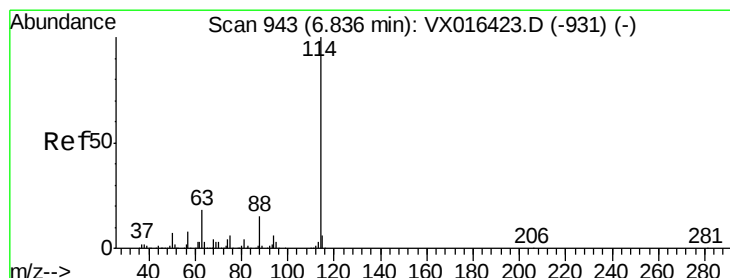
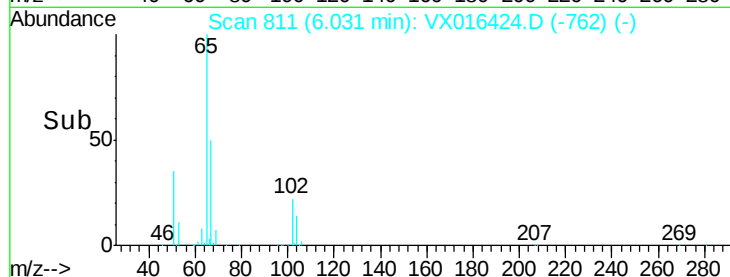
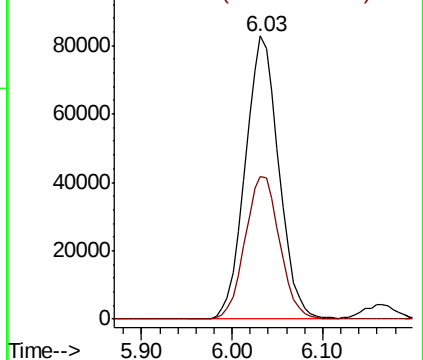
65 100

67 52.1 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

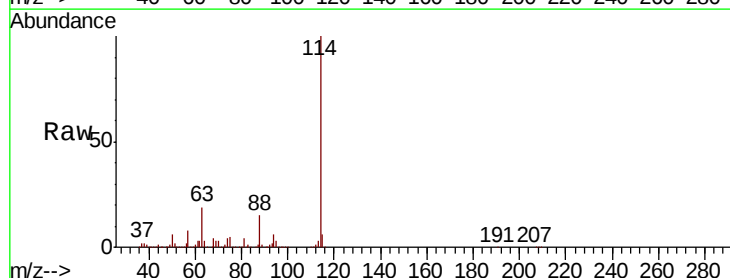
Tgt Ion: 114 Resp: 278842

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

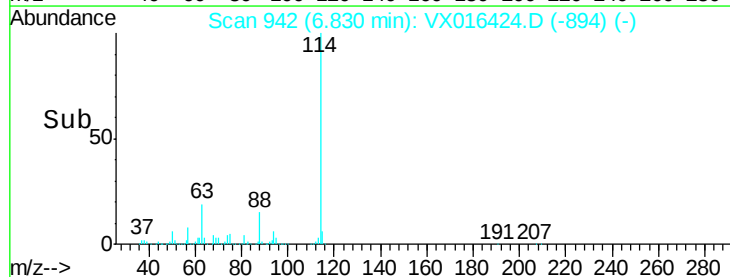
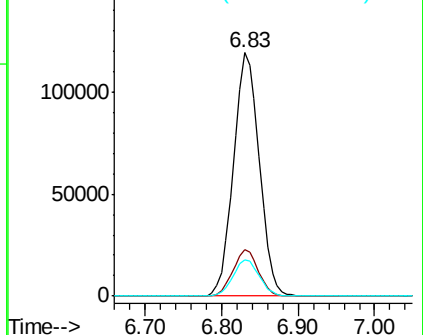
88 14.7 0.0 29.2

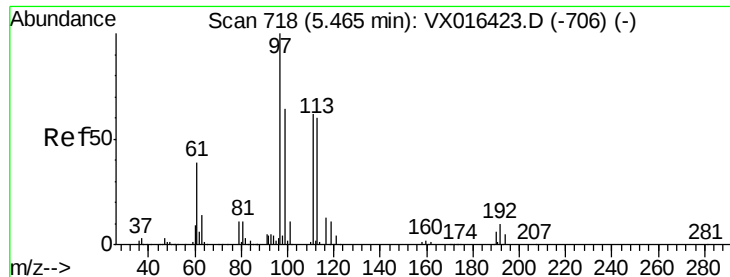


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 100.462 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

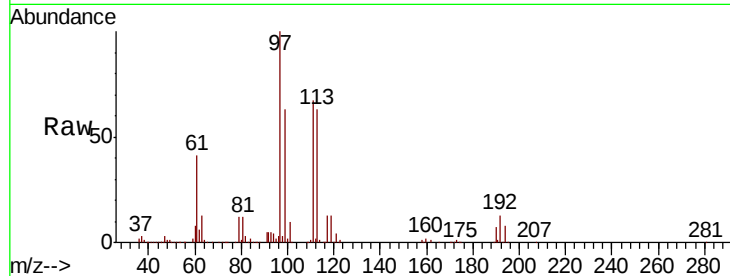
Tot Ion:113 Resp: 179625

Ion Ratio Lower Upper

113 100

111 102.2 82.5 123.7

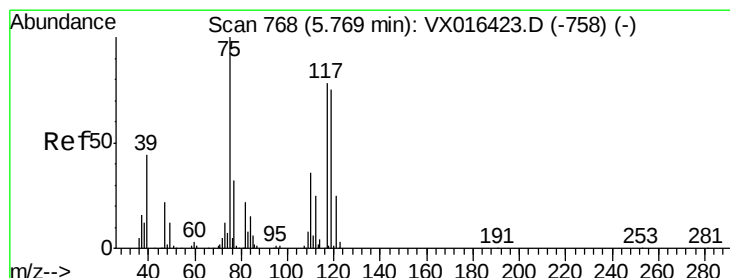
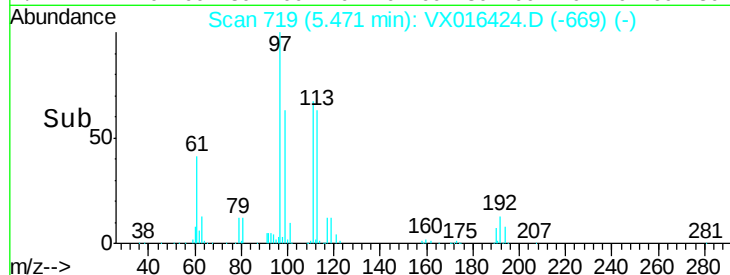
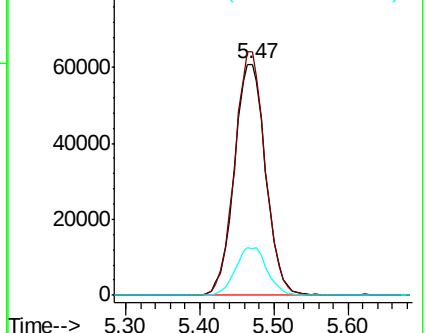
192 20.8 16.5 24.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 92.842 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

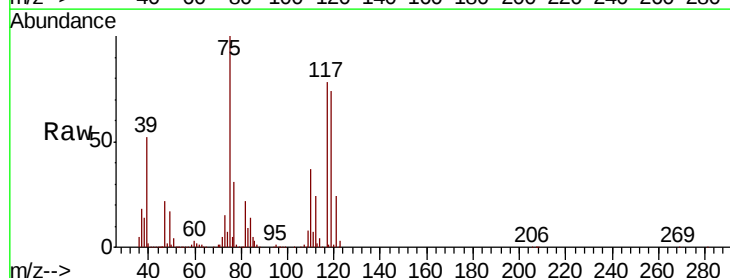
Tgt Ion: 75 Resp: 253252

Ion Ratio Lower Upper

75 100

110 37.9 18.7 56.1

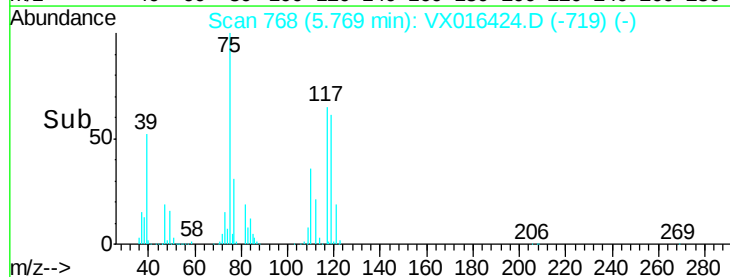
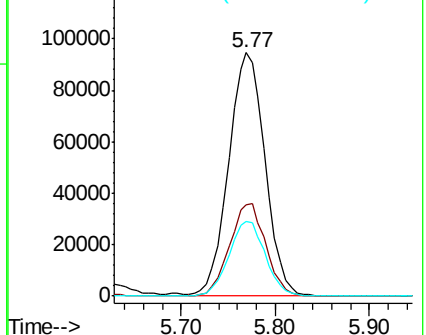
77 31.0 24.9 37.3

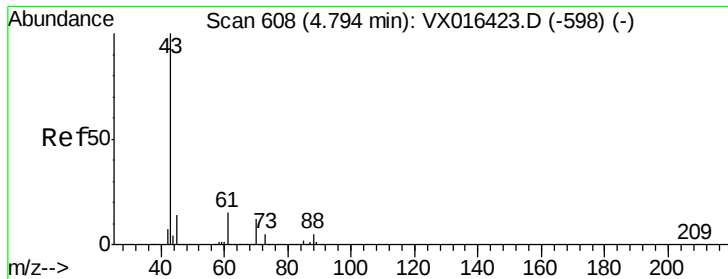


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 88.717 ug/l

RT: 4.80 min Scan# 609

Delta R.T. 0.01 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

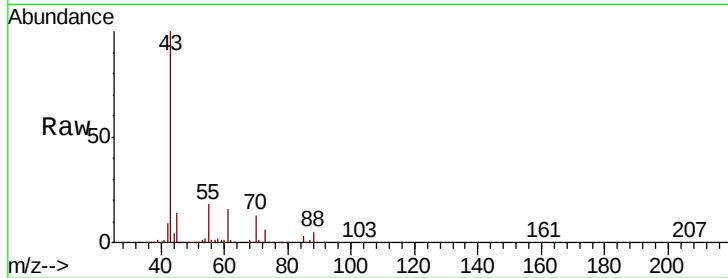
Tot Ion: 43 Resp: 276014

Ion Ratio Lower Upper

43 100

61 15.0 11.8 17.8

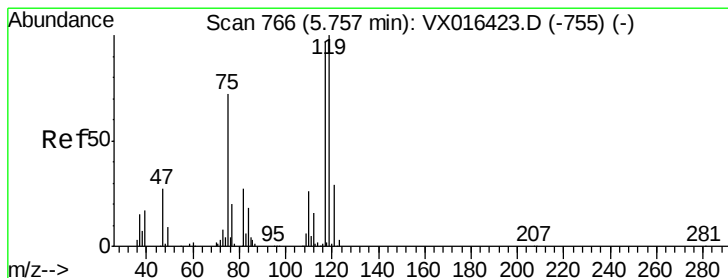
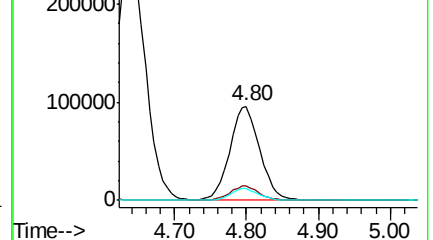
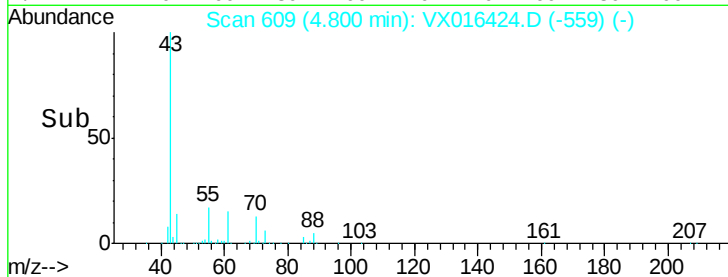
70 12.0 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX016423.D (-598) (-)

Ion 60.90 (60.60 to 61.60): VX016423.D (-598) (-)

Ion 70.00 (69.70 to 70.70): VX016423.D (-598) (-)



#38

Carbon Tetrachloride

Concen: 101.266 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

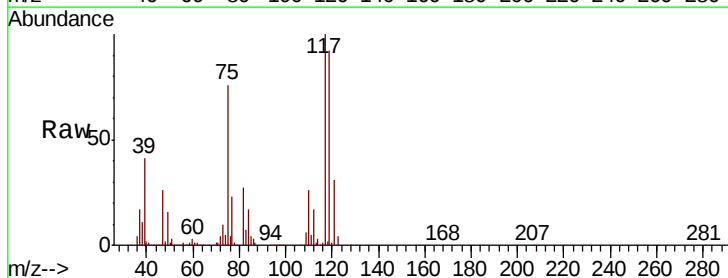
Tgt Ion: 117 Resp: 281985

Ion Ratio Lower Upper

117 100

119 92.2 82.2 123.4

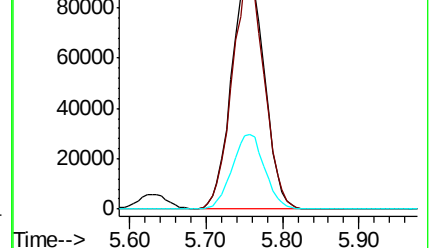
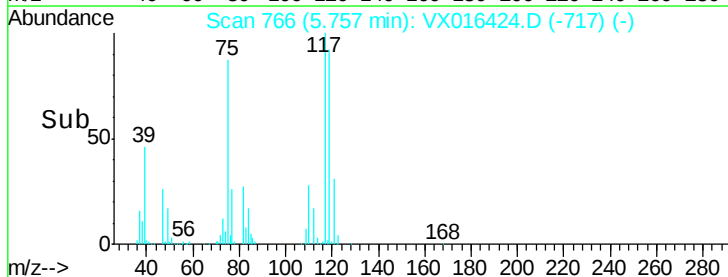
121 30.9 24.1 36.1

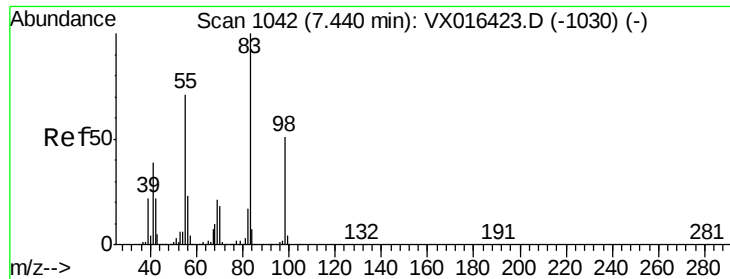


Abundance Ion 116.80 (116.50 to 117.50): VX016423.D (-755) (-)

Ion 118.80 (118.50 to 119.50): VX016423.D (-755) (-)

Ion 120.80 (120.50 to 121.50): VX016423.D (-755) (-)

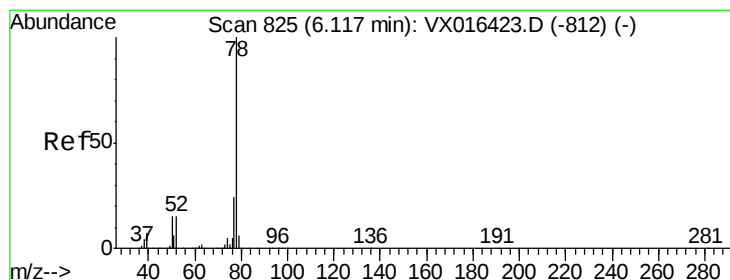
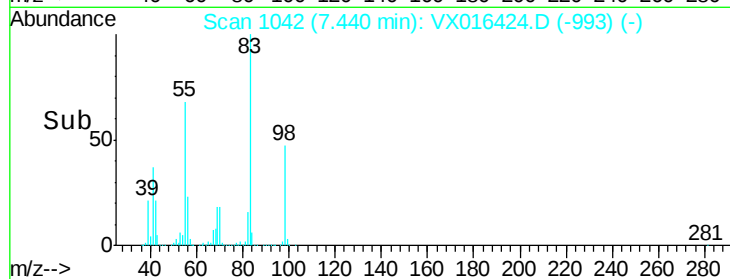
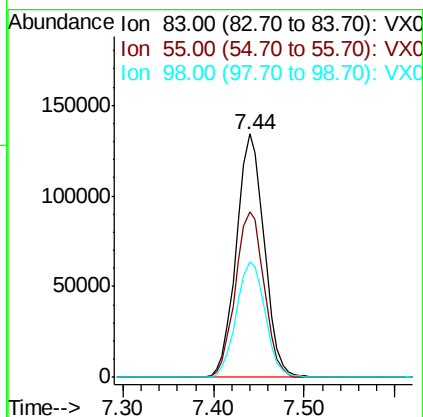
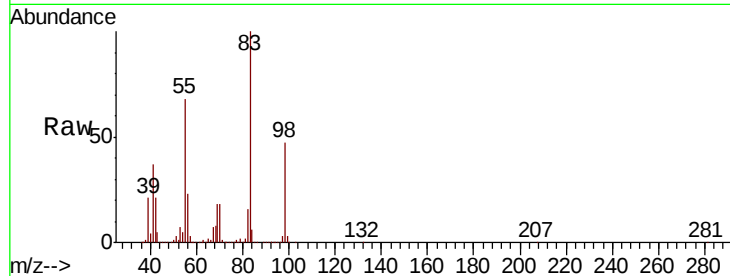




#39
Methylvlcyclohexane
Concen: 88.504 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

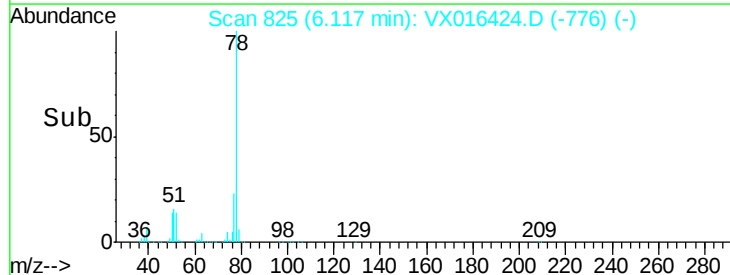
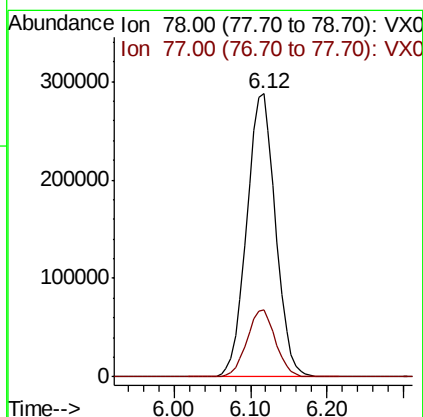
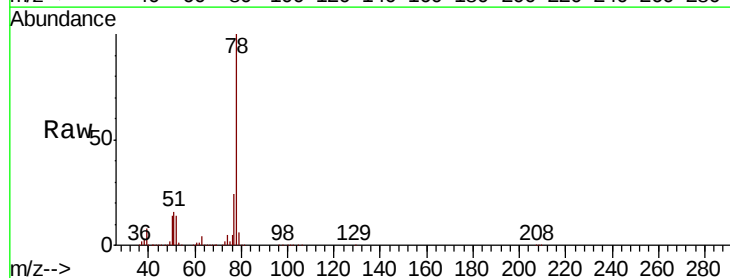
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

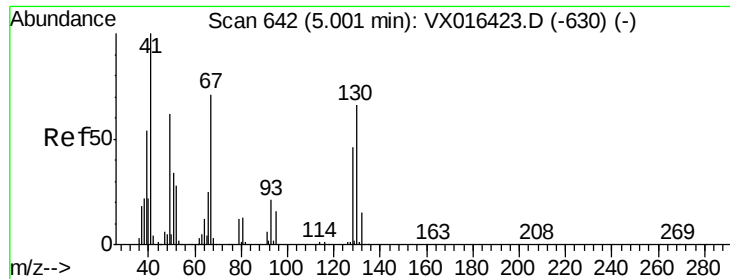
Tot Ion: 83 Resp: 285768
Ion Ratio Lower Upper
83 100
55 67.7 56.8 85.2
98 47.3 40.6 61.0



#40
Benzene
Concen: 94.281 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

Tgt Ion: 78 Resp: 753588
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3

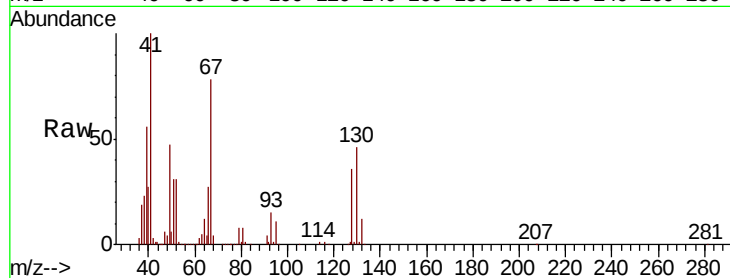




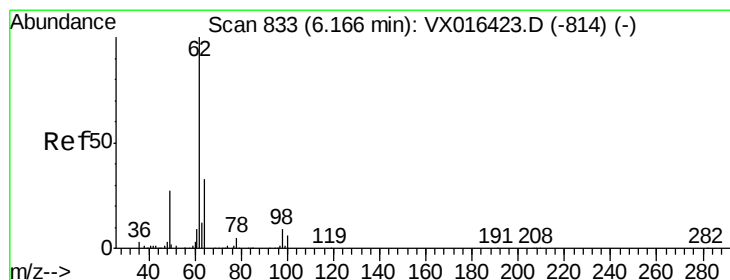
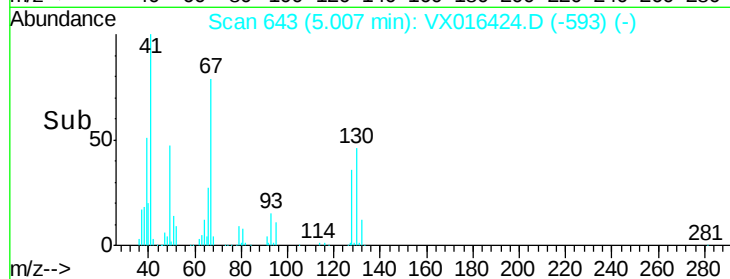
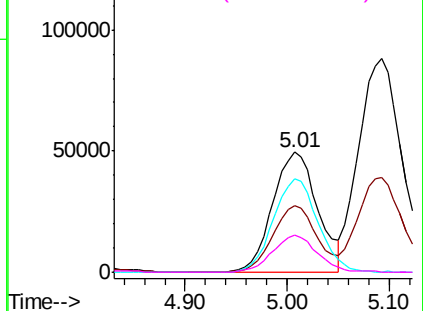
#41
Methacrylonitrile
Concen: 89.915 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion:	41	Resp:	150987
Ion	Ratio	Lower	Upper
41	100		
39	54.8	44.4	66.6
67	78.2	62.2	93.4
52	31.0	25.2	37.8

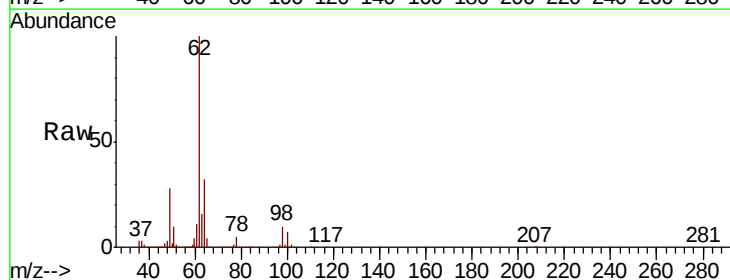


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

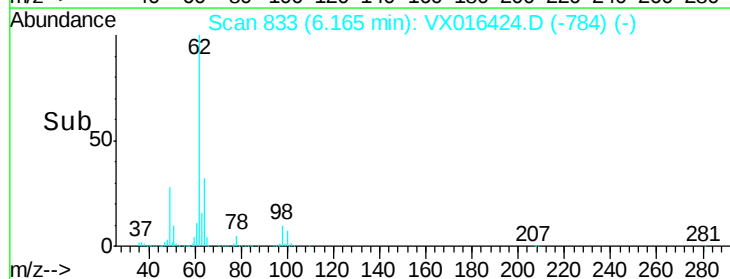
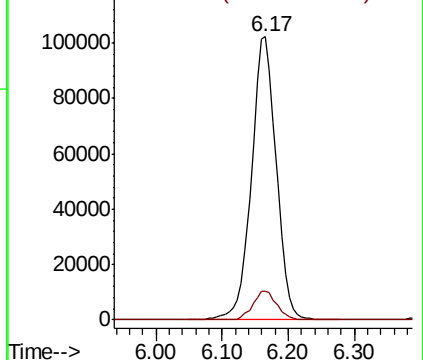


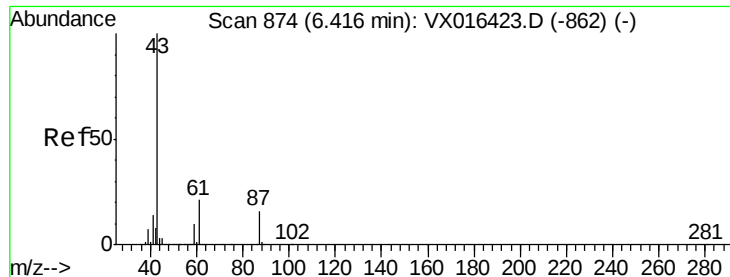
#42
1,2-Dichloroethane
Concen: 92.849 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

Tgt Ion:	62	Resp:	266984
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



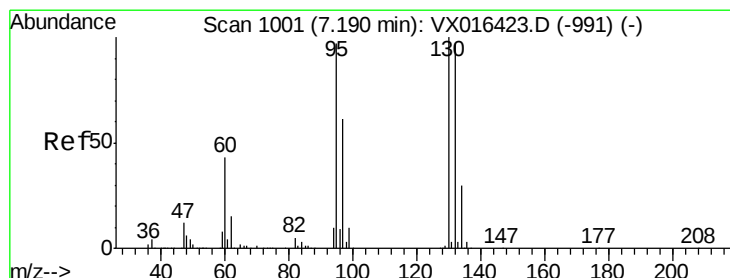
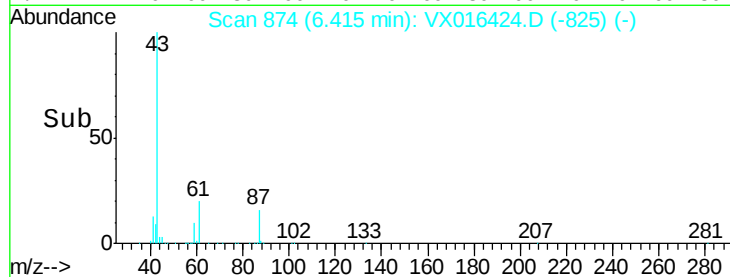
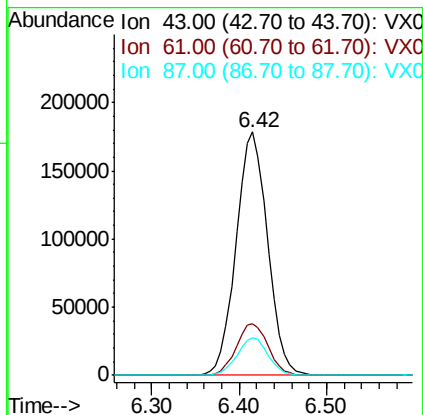
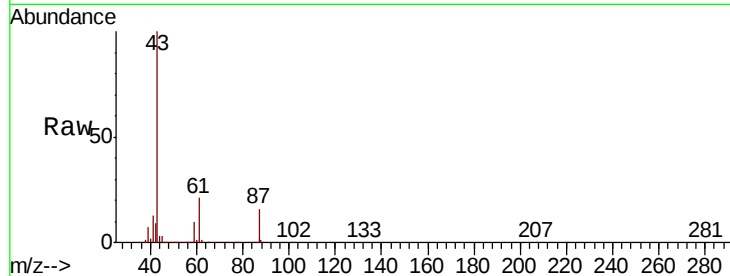


#43

Isopropyl Acetate
 Concen: 88.991 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016424.D
 Acq: 26 May 2020 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

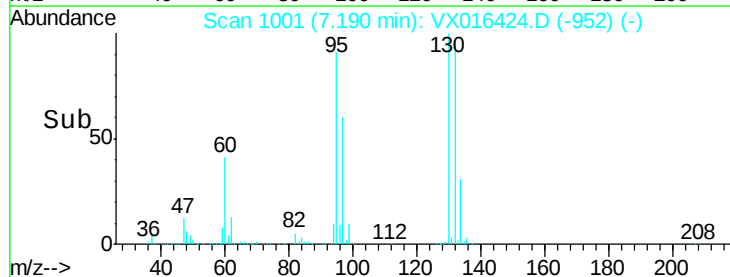
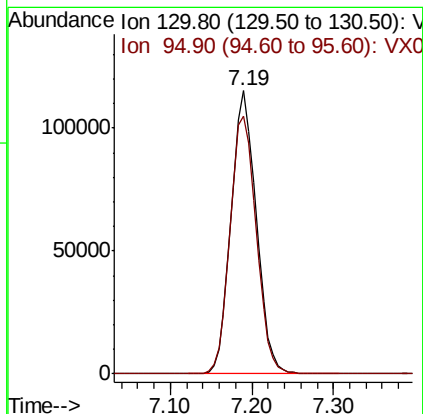
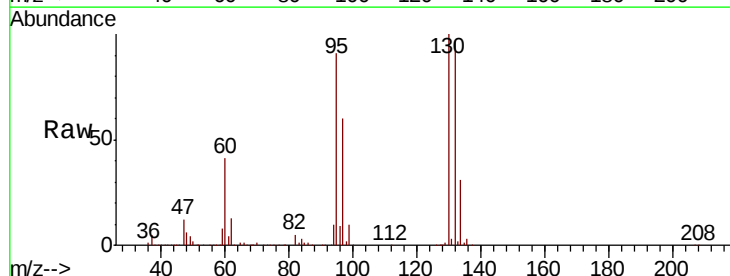
Tot Ion	43	Resp	443112
Ion Ratio	Lower	Upper	
43	100		
61	21.6	17.2	25.8
87	15.4	12.3	18.5

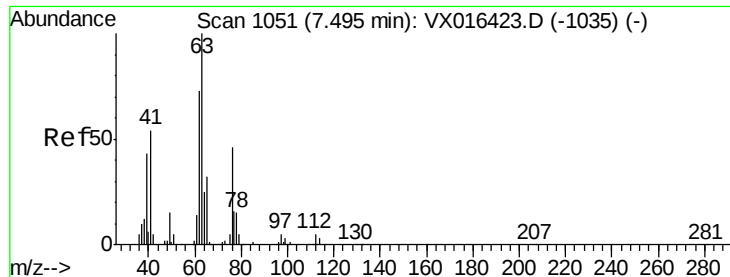


#44

Trichloroethene
 Concen: 86.871 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016424.D
 Acq: 26 May 2020 14:02

Tgt Ion	130	Resp	245343
Ion Ratio	Lower	Upper	
130	100		
95	91.1	0.0	194.0





#45

1,2-Dichloropropane

Concen: 93.179 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

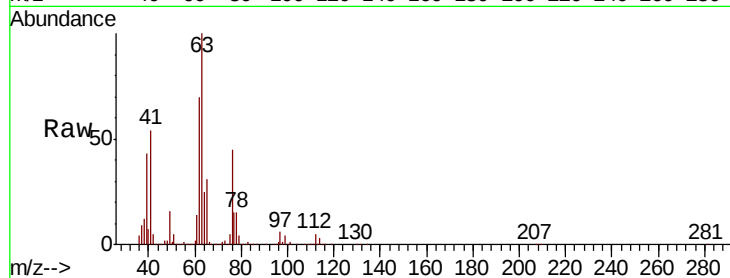
VSTDICC100

Tot Ion: 63 Resp: 187092

Ion Ratio Lower Upper

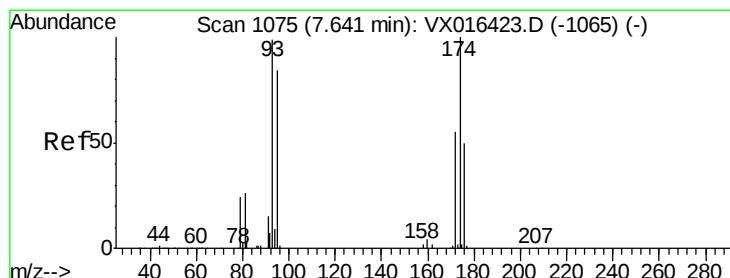
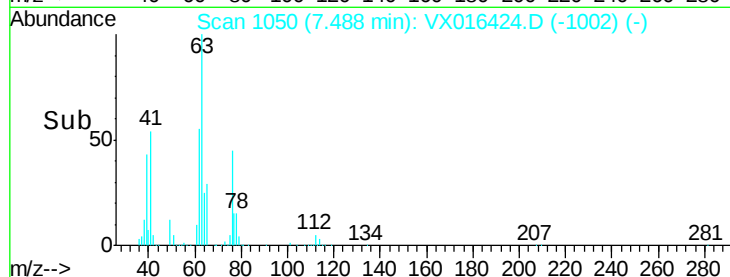
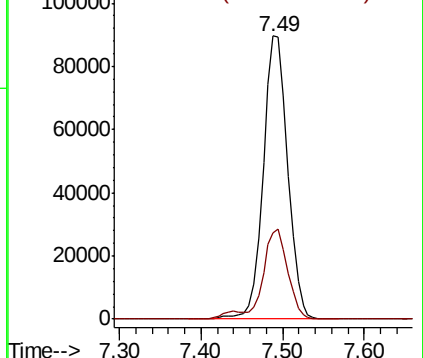
63 100

65 30.5 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 100.102 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

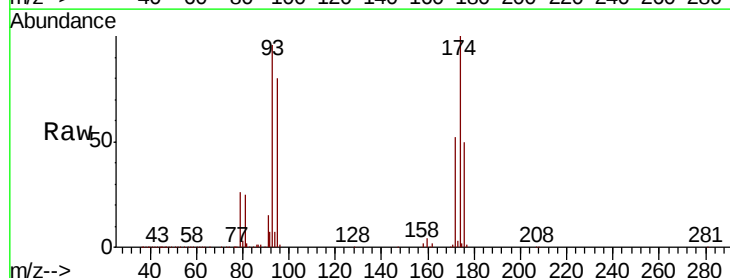
Tgt Ion: 93 Resp: 138944

Ion Ratio Lower Upper

93 100

95 82.2 65.0 97.4

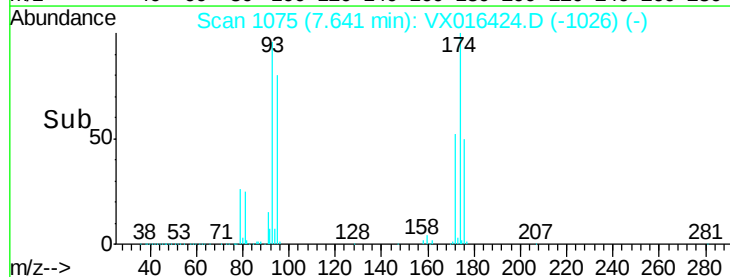
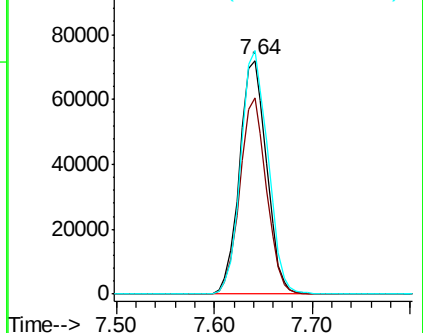
174 104.3 81.4 122.0

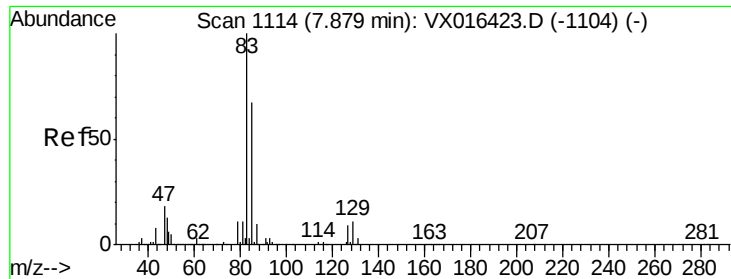


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 99.340 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

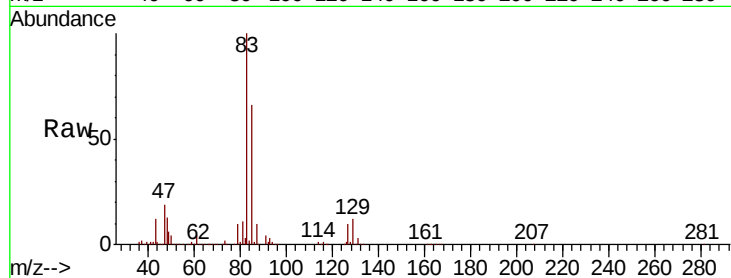
Tot Ion: 83 Resp: 278475

Ion Ratio Lower Upper

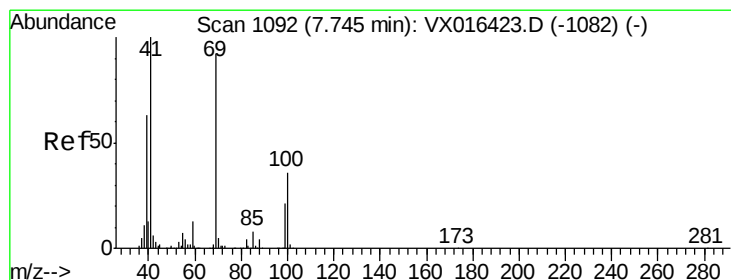
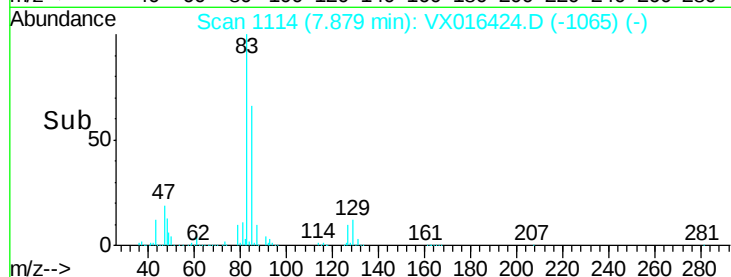
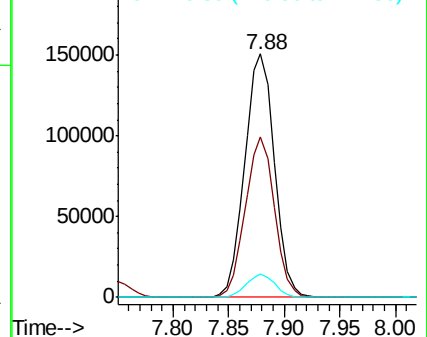
83 100

85 65.7 53.8 80.8

127 9.6 7.4 11.2



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: 89.102 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

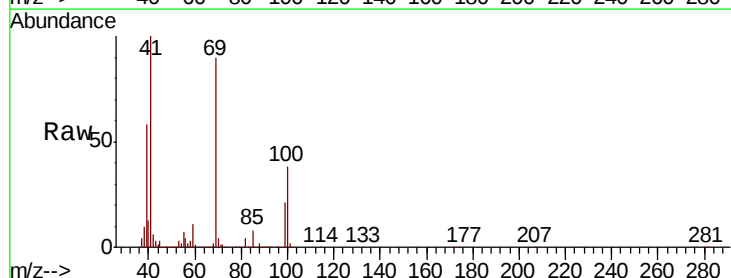
Tgt Ion: 41 Resp: 209039

Ion Ratio Lower Upper

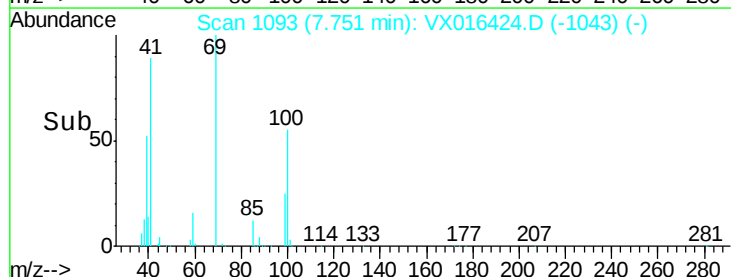
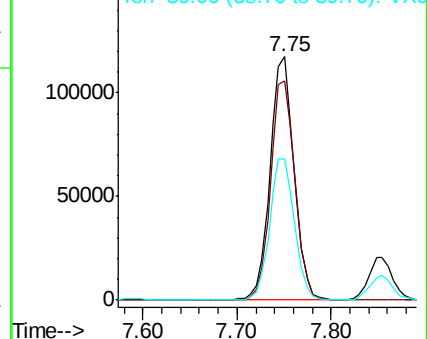
41 100

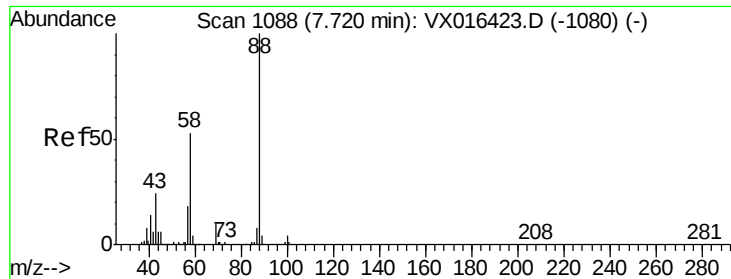
69 91.7 71.8 107.8

39 60.0 48.6 73.0



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





#49

1,4-Dioxane

Concen: 1831.358 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

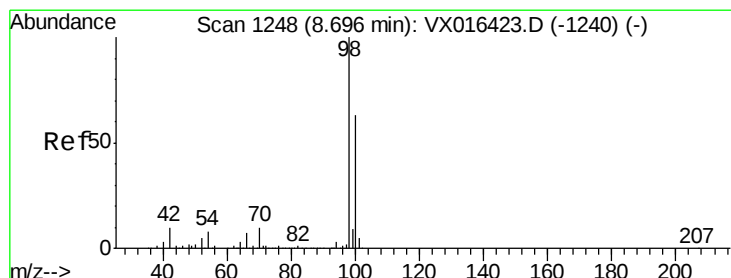
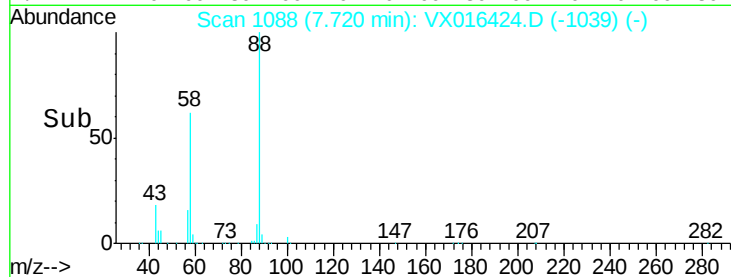
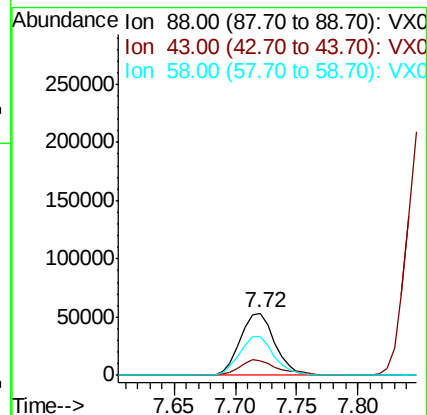
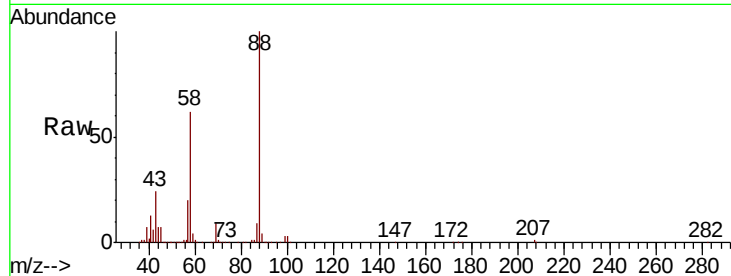
Tot Ion: 88 Resp: 104592

Ion Ratio Lower Upper

88 100

43 28.8 23.0 34.6

58 63.8 51.7 77.5



#50

Toluene-d8

Concen: 98.391 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016424.D

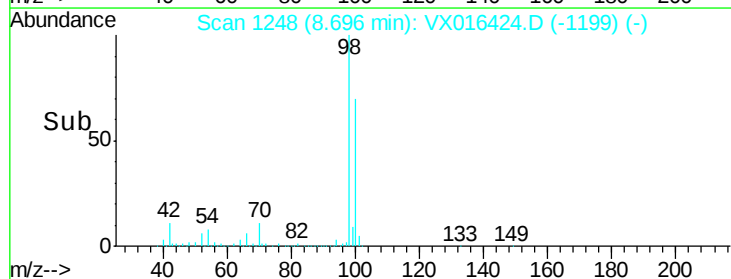
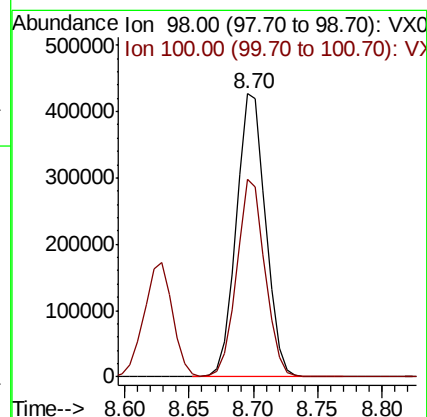
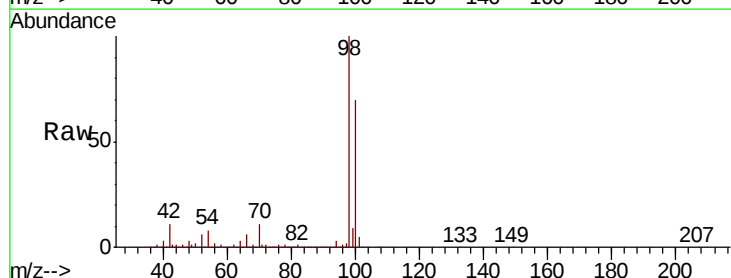
Acq: 26 May 2020 14:02

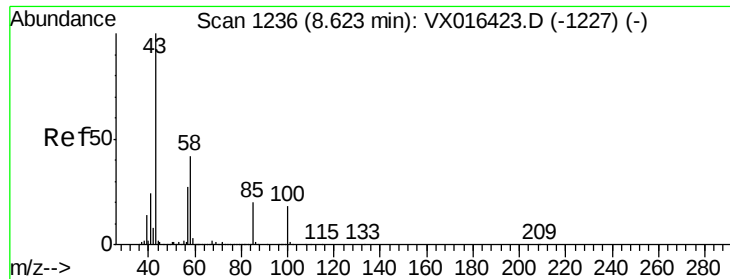
Tgt Ion: 98 Resp: 676454

Ion Ratio Lower Upper

98 100

100 67.0 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 467.791 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

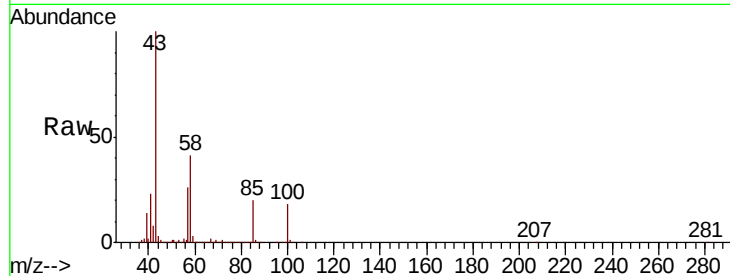
VSTDIC100

Tot Ion: 43 Resp: 1426957

Ion Ratio Lower Upper

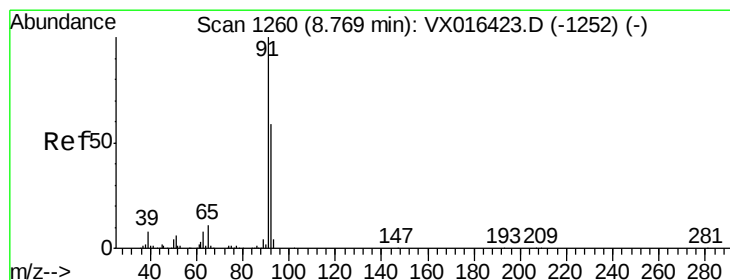
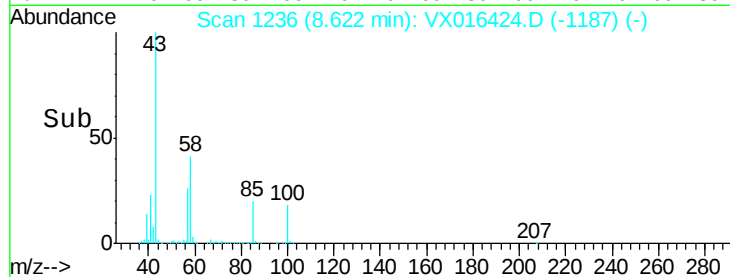
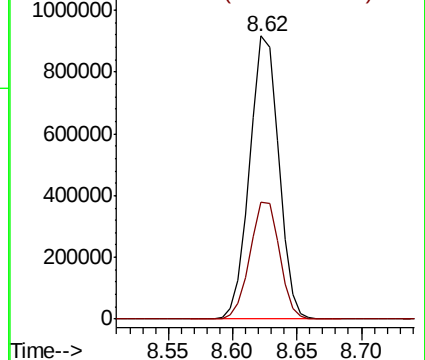
43 100

58 42.0 33.8 50.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 98.300 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016424.D

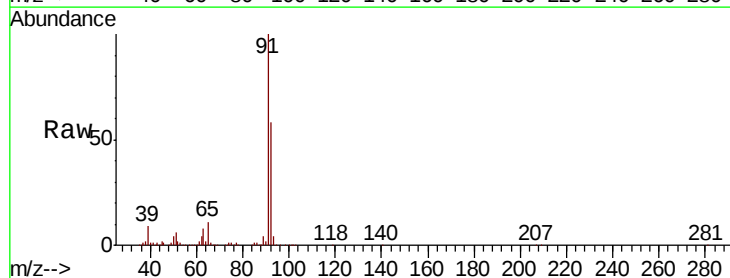
Acq: 26 May 2020 14:02

Tgt Ion: 92 Resp: 491873

Ion Ratio Lower Upper

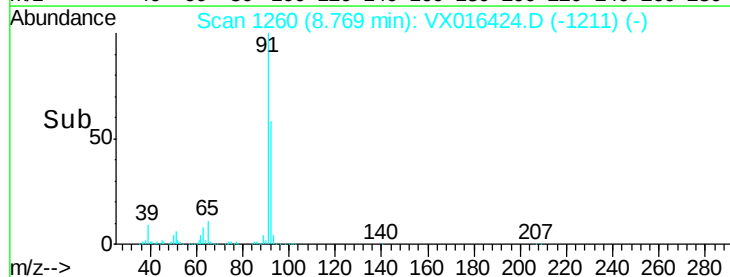
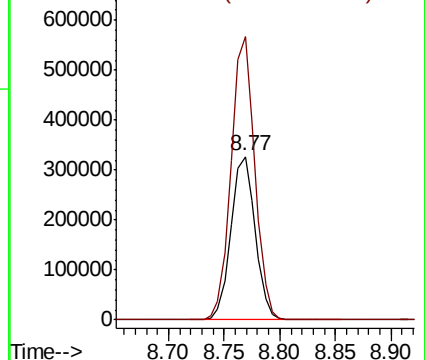
92 100

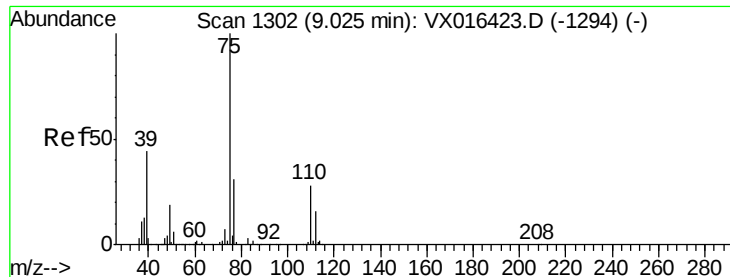
91 169.4 135.7 203.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 95.145 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

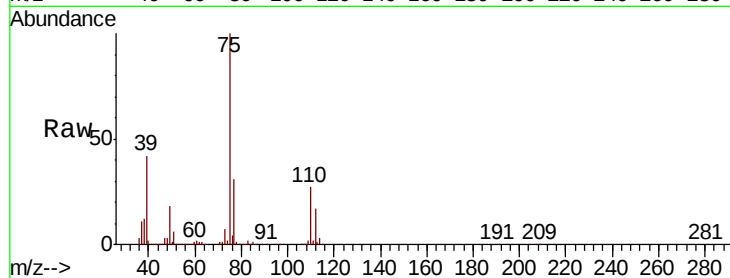
VSTDIC100

Tot Ion: 75 Resp: 317008

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

250000

200000

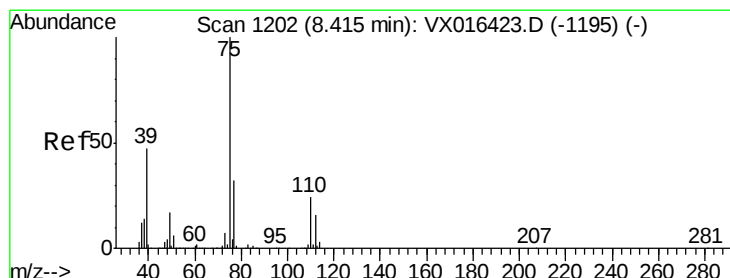
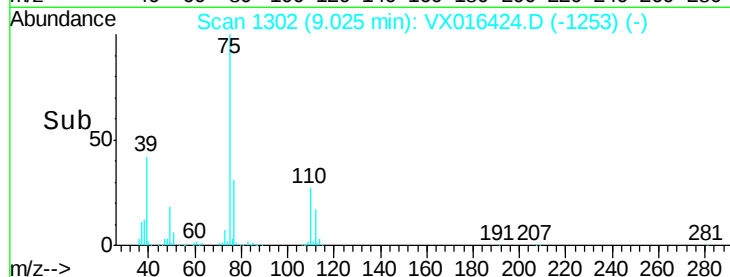
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 94.647 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

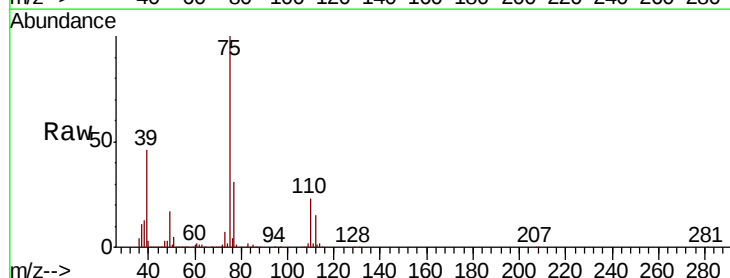
Tgt Ion: 75 Resp: 327998

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.0

39 46.3 37.7 56.5



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

8.42

250000

200000

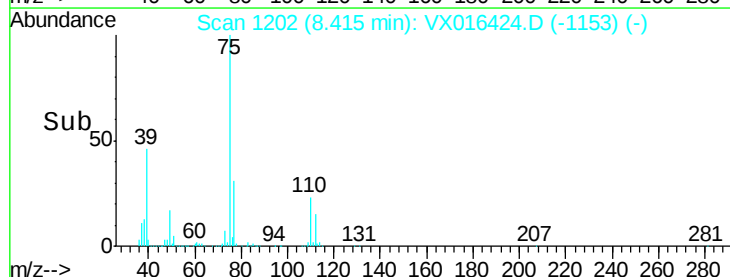
150000

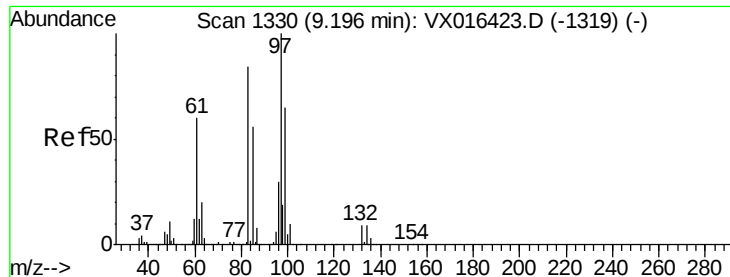
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 101.253 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 97 Resp: 200194

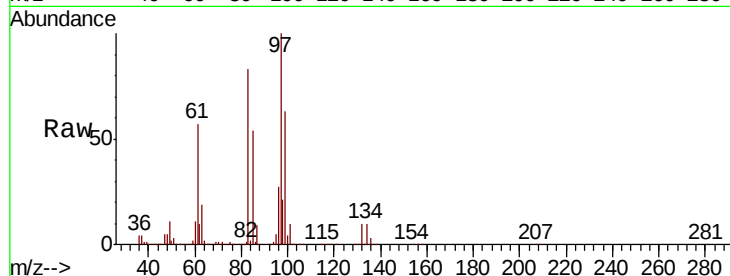
Ion Ratio Lower Upper

97 100

83 83.4 66.9 100.3

85 53.8 45.2 67.8

99 62.9 51.9 77.9

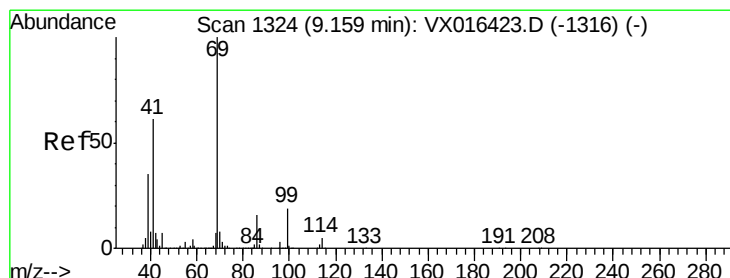
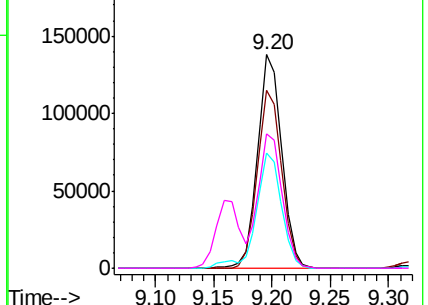
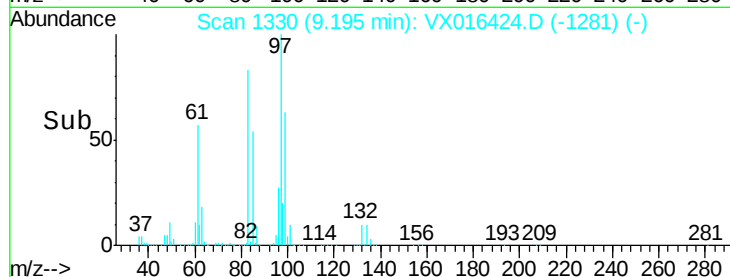


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 98.268 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

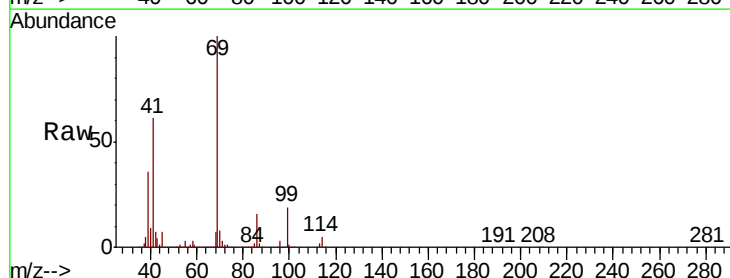
Tgt Ion: 69 Resp: 312228

Ion Ratio Lower Upper

69 100

41 60.3 47.9 71.9

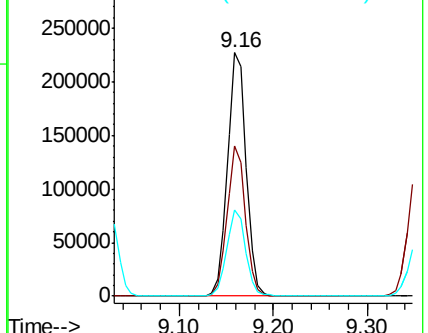
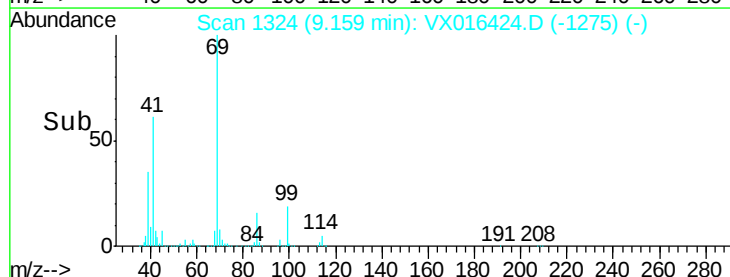
39 35.9 28.7 43.1

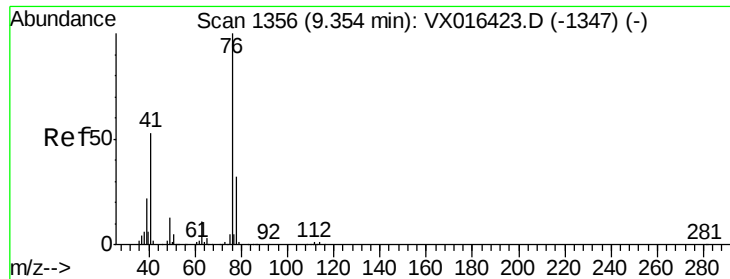


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

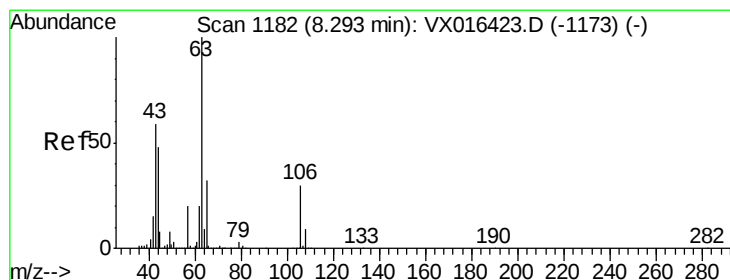
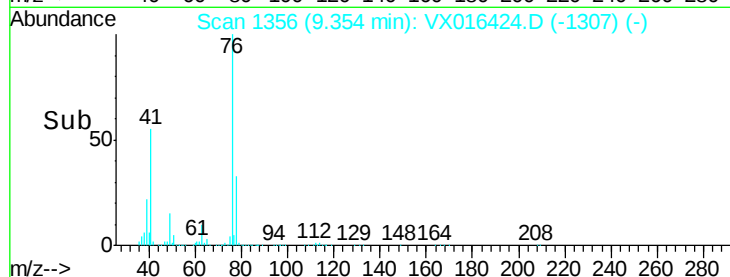
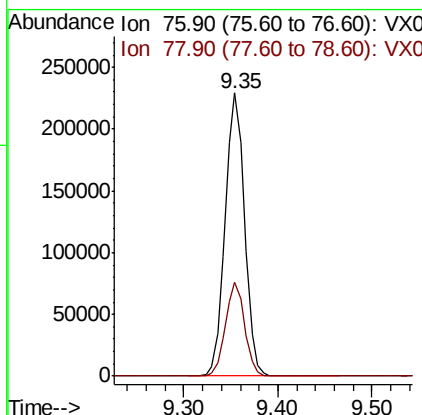
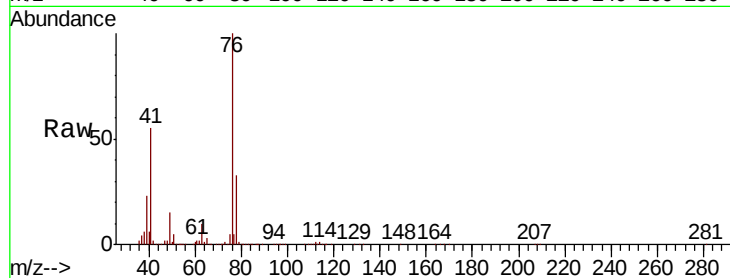




#57
 1,3-Dichloropropane
 Concen: 95.721 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016424.D
 Acq: 26 May 2020 14:02

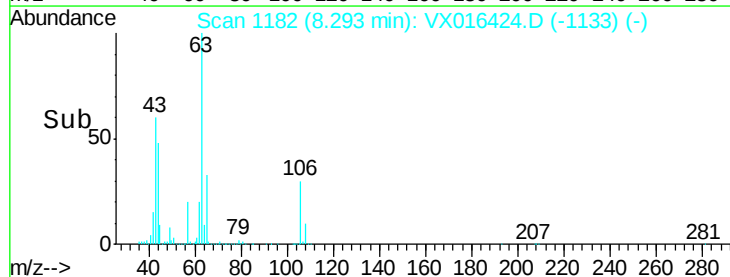
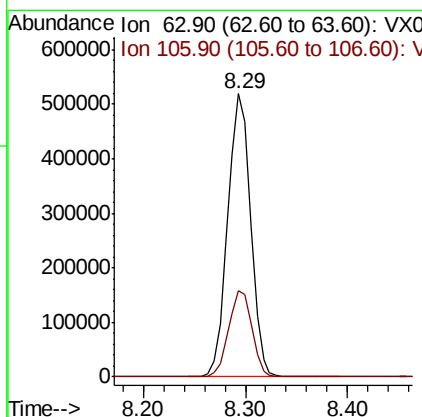
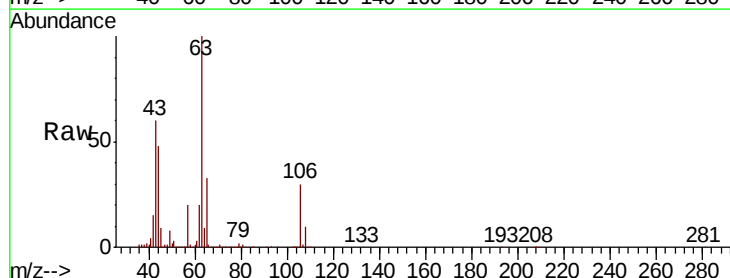
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

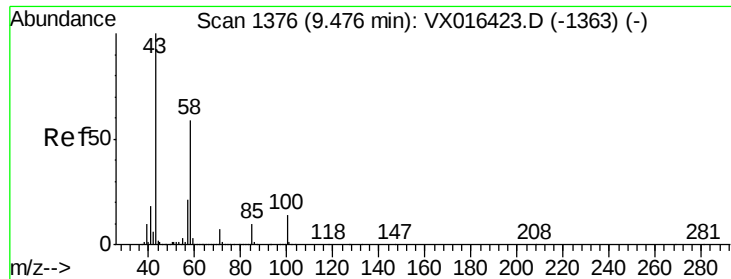
Tot Ion: 76 Resp: 327776
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 476.296 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016424.D
 Acq: 26 May 2020 14:02

Tgt Ion: 63 Resp: 804133
 Ion Ratio Lower Upper
 63 100
 106 30.8 24.6 36.8

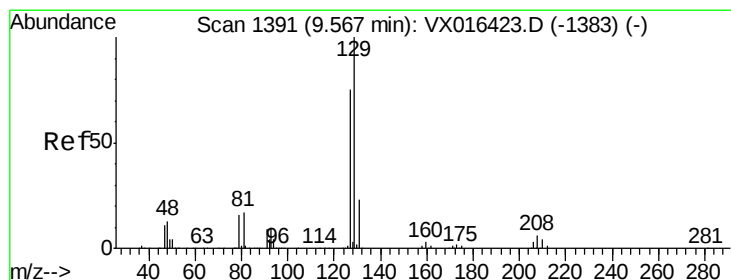
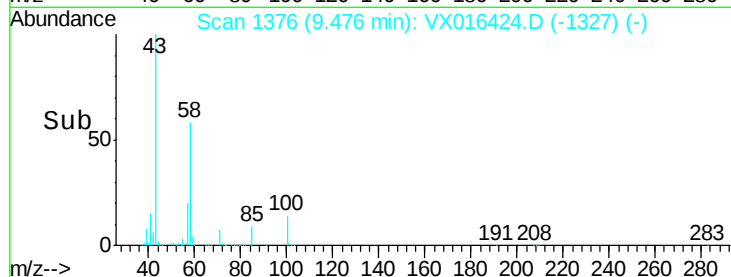
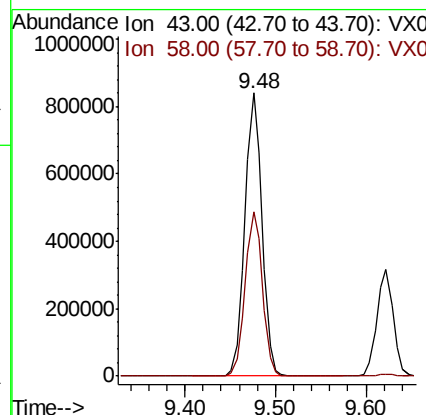
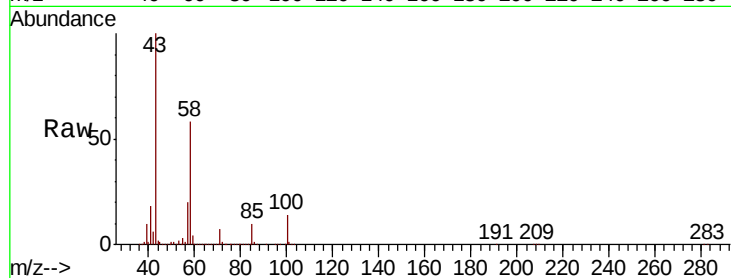




#59
2-Hexanone
Concen: 459.128 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

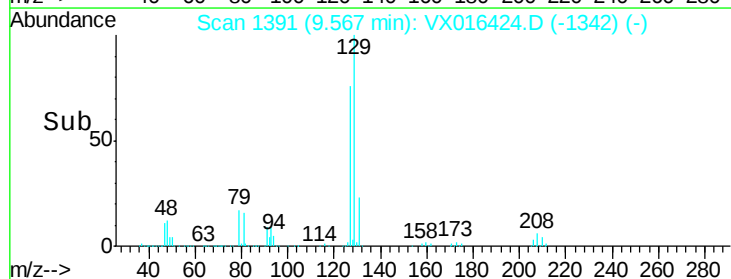
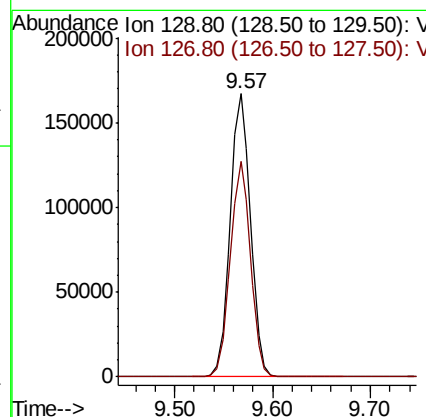
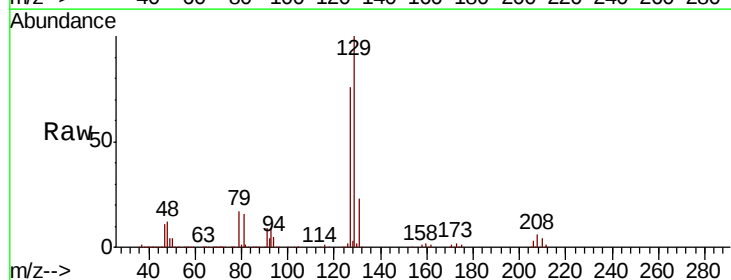
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

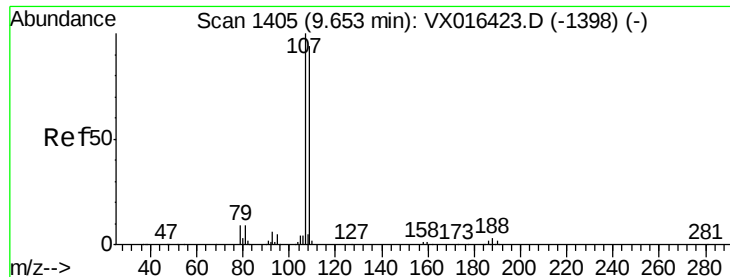
Tot Ion: 43 Resp: 1100836
Ion Ratio Lower Upper
43 100
58 58.6 29.1 87.3



#60
Dibromochloromethane
Concen: 109.863 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

Tgt Ion: 129 Resp: 240607
Ion Ratio Lower Upper
129 100
127 76.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 102.870 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

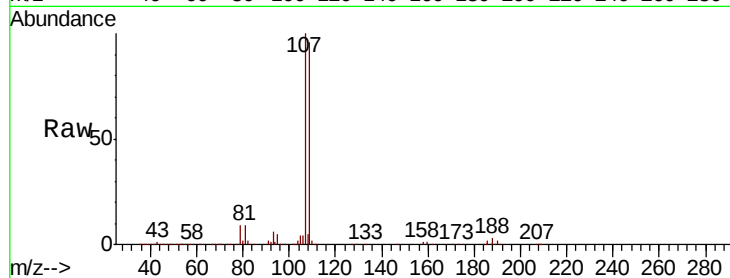
VSTDIC100

Tot Ion:107 Resp: 220936

Ion Ratio Lower Upper

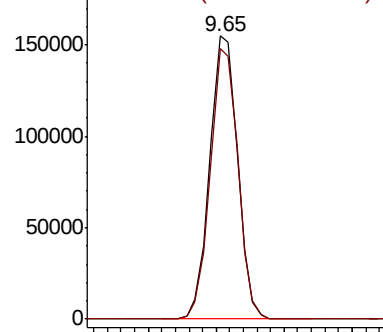
107 100

109 95.4 75.0 112.6

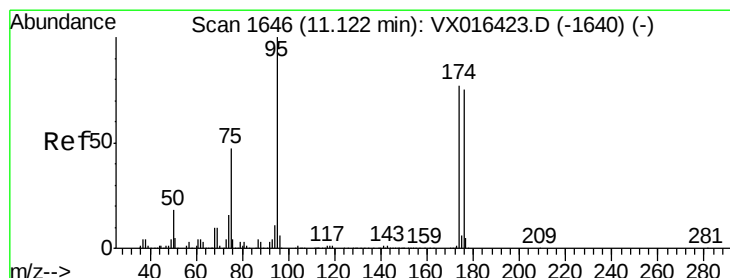
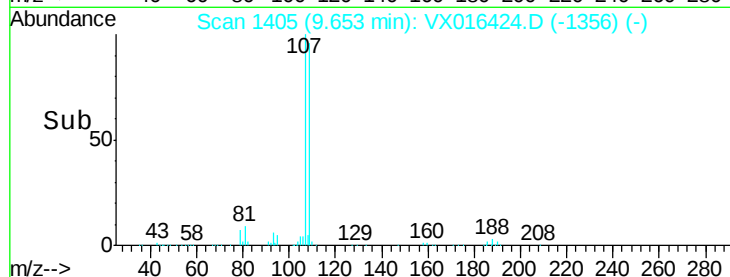


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 97.641 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

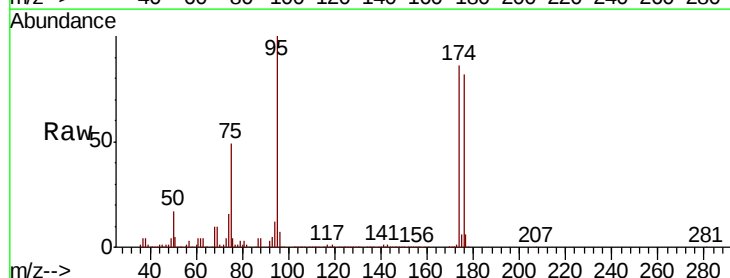
Tgt Ion: 95 Resp: 253799

Ion Ratio Lower Upper

95 100

174 85.1 0.0 162.6

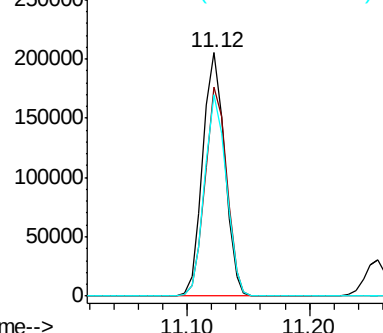
176 82.1 0.0 158.2



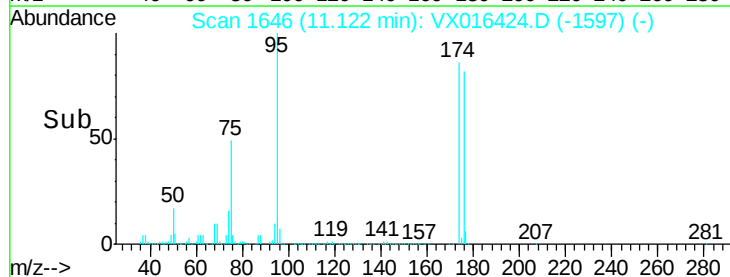
Abundance Ion 94.90 (94.60 to 95.60): VX0

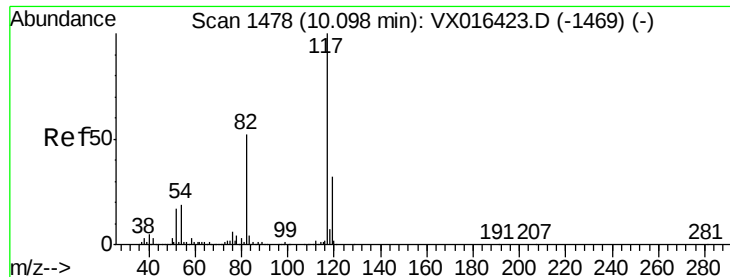
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

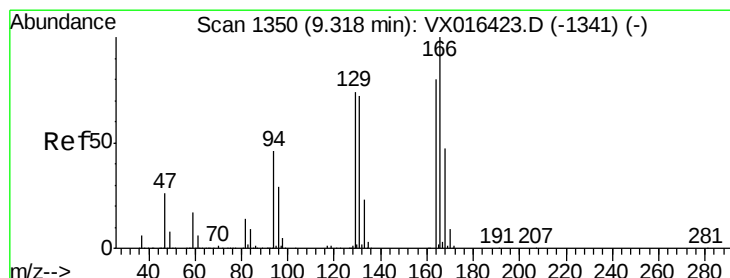
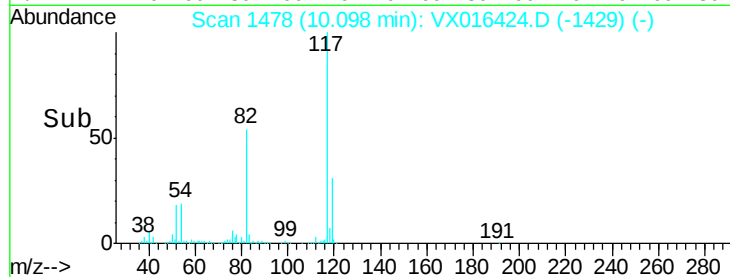
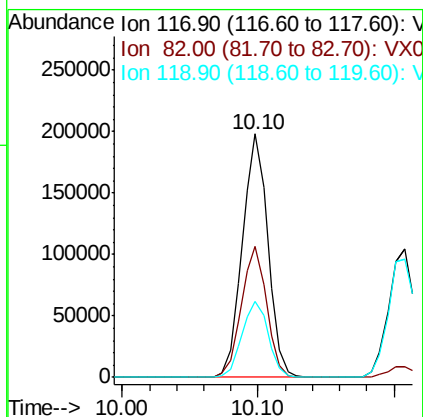
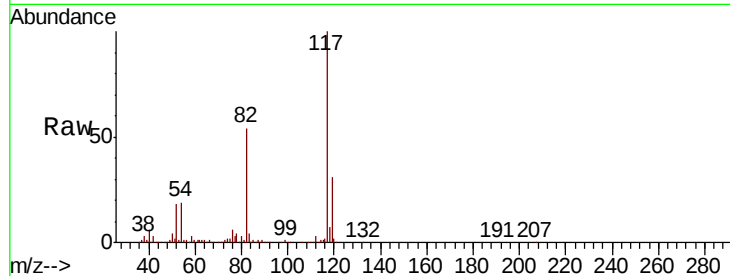




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

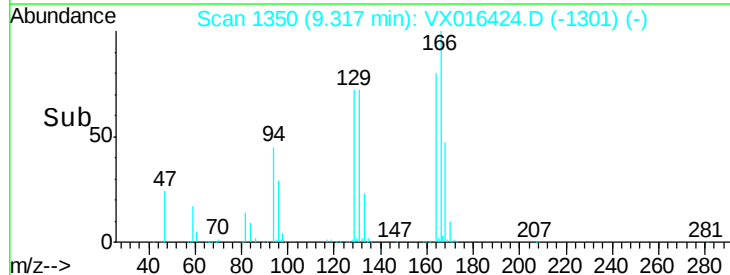
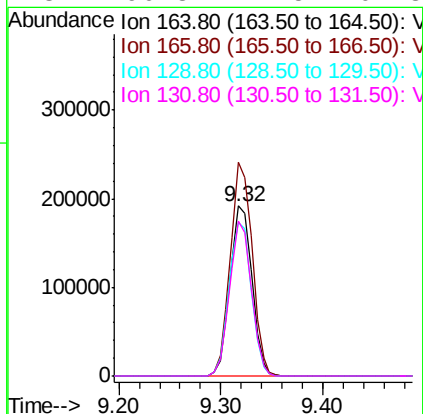
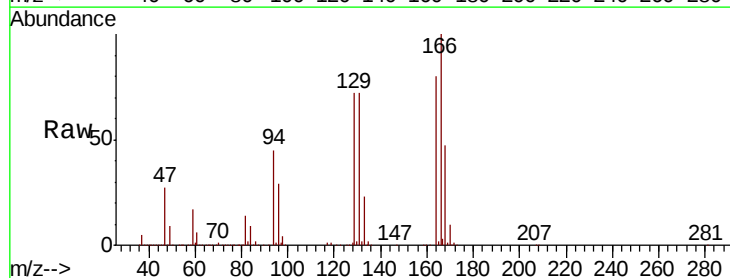
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

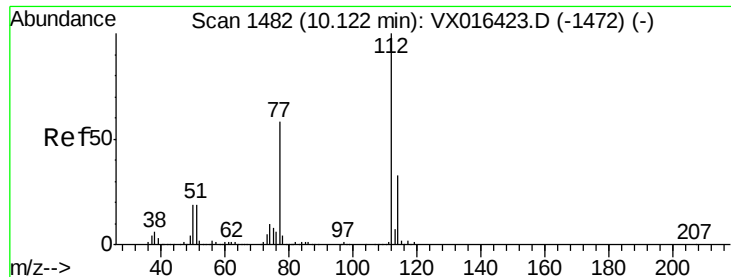
Tot Ion:117 Resp: 259069
Ion Ratio Lower Upper
117 100
82 53.9 41.8 62.6
119 31.5 25.7 38.5



#64
Tetrachloroethene
Concen: 90.748 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

Tgt Ion:164 Resp: 284962
Ion Ratio Lower Upper
164 100
166 125.5 99.5 149.3
129 90.6 73.4 110.0
131 90.8 71.5 107.3

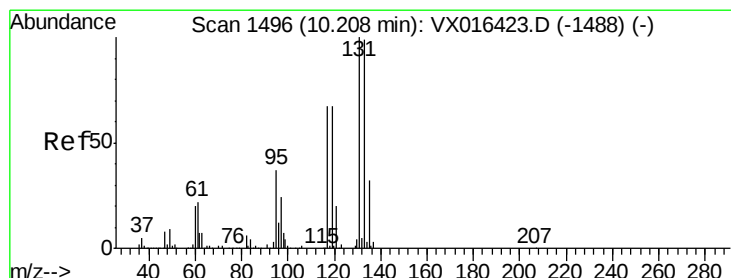
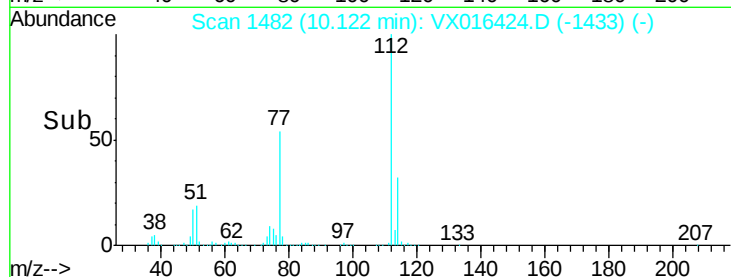
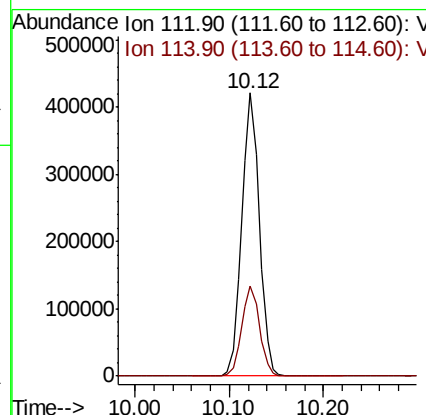
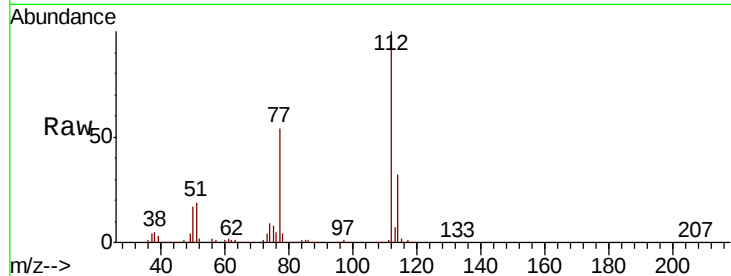




#65
Chlorobenzene
Concen: 100.591 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

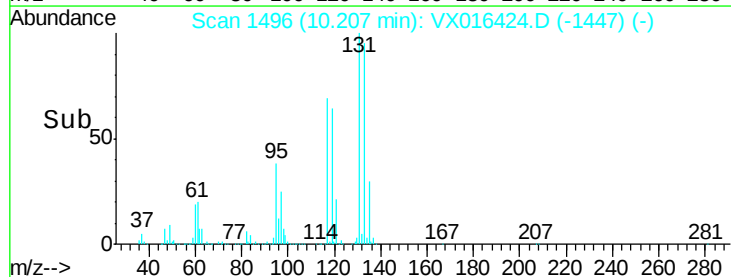
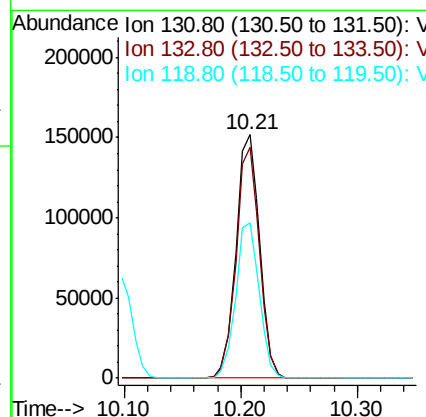
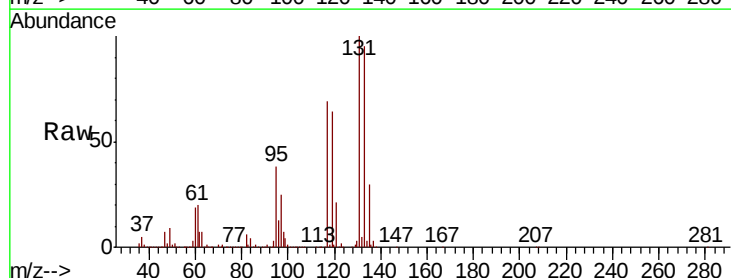
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

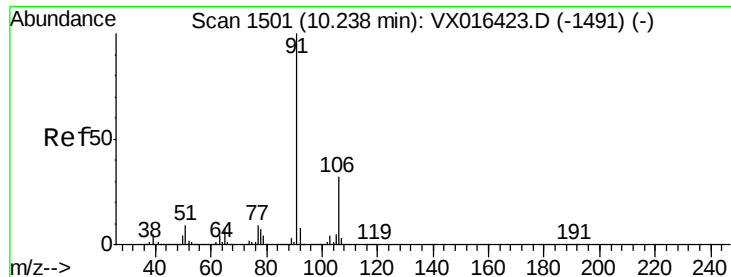
Tot Ion:112 Resp: 544201
Ion Ratio Lower Upper
112 100
114 31.9 26.6 40.0



#66
1,1,1,2-Tetrachloroethane
Concen: 106.165 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

Tgt Ion:131 Resp: 212889
Ion Ratio Lower Upper
131 100
133 94.4 48.0 144.2
119 64.1 33.0 98.9





#67

Ethyl Benzene

Concen: 98.719 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

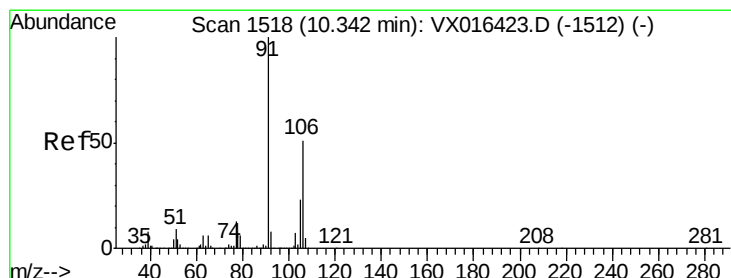
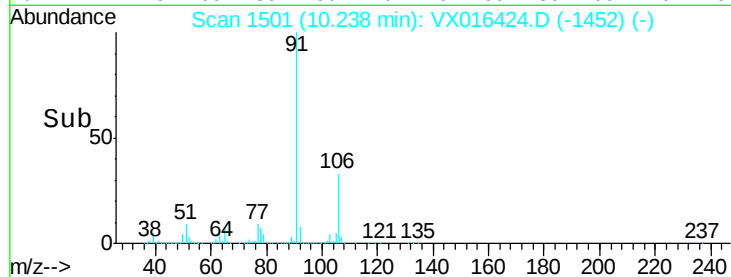
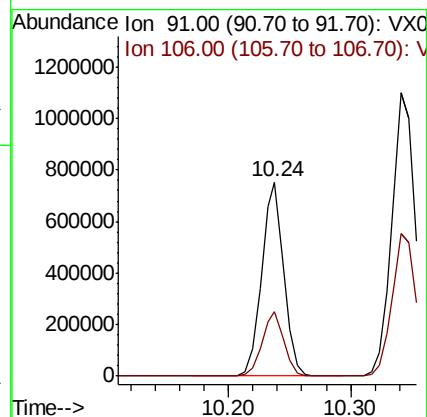
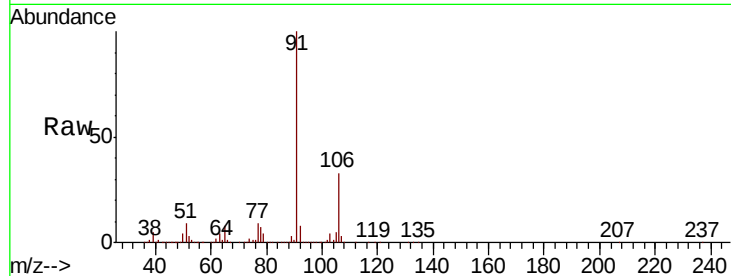
VSTDIC100

Tot Ion: 91 Resp: 947046

Ion Ratio Lower Upper

91 100

106 32.9 25.8 38.8



#68

m/p-Xylenes

Concen: 208.647 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016424.D

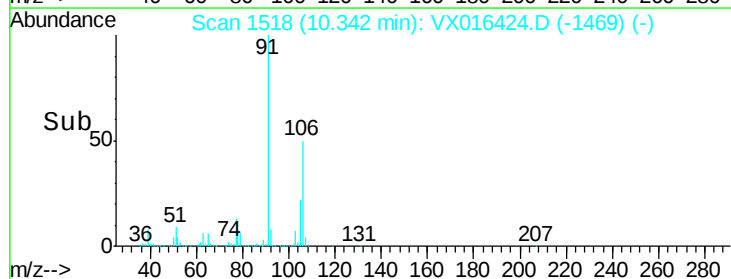
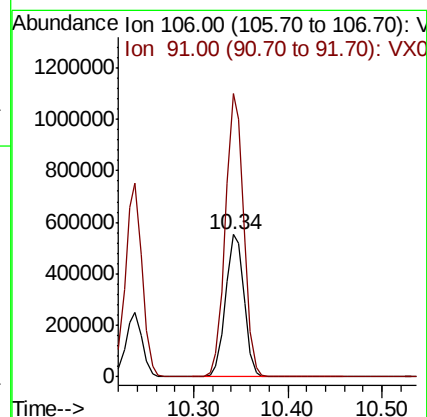
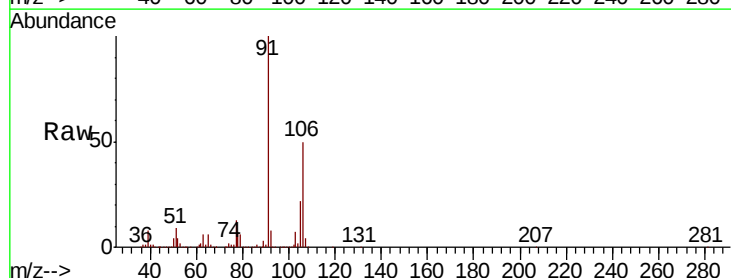
Acq: 26 May 2020 14:02

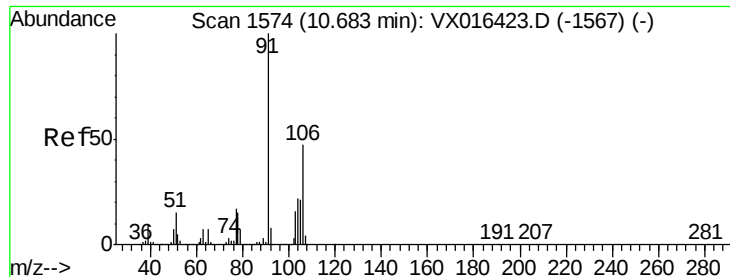
Tgt Ion: 106 Resp: 752098

Ion Ratio Lower Upper

106 100

91 196.0 158.2 237.4

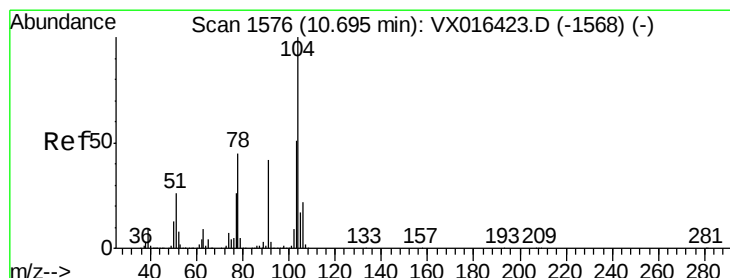
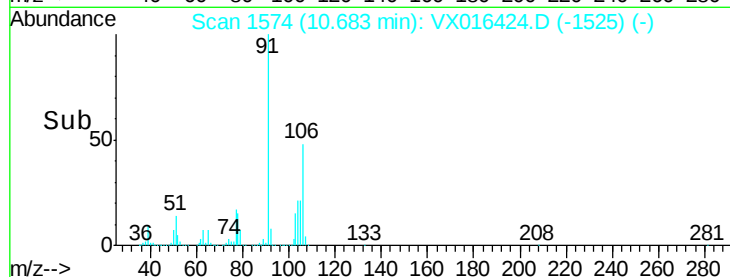
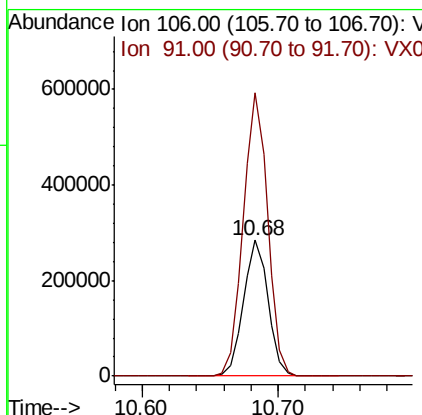
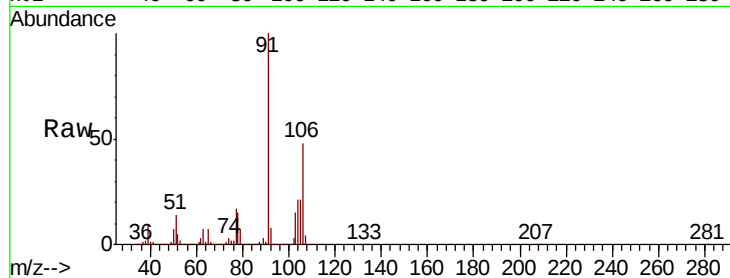




#69
o-Xylene
Concen: 103.055 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

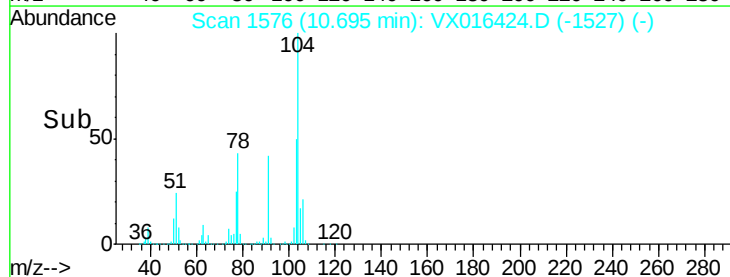
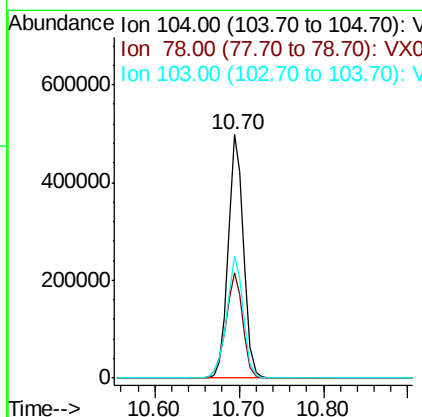
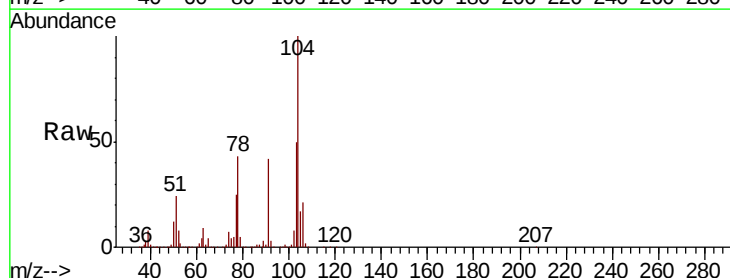
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

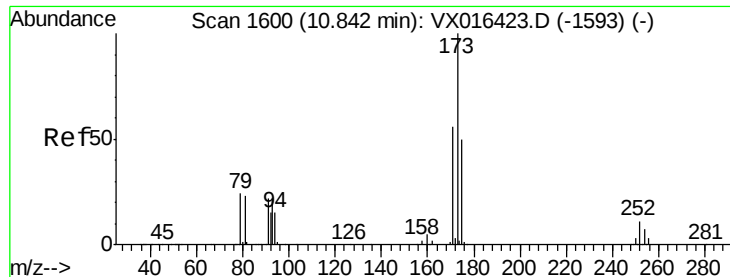
Tot Ion:106 Resp: 357800
Ion Ratio Lower Upper
106 100
91 208.2 104.0 312.0



#70
Styrene
Concen: 106.435 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

Tgt Ion:104 Resp: 625042
Ion Ratio Lower Upper
104 100
78 47.7 39.2 58.8
103 54.2 43.8 65.6





#71

Bromoform

Concen: 110.305 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

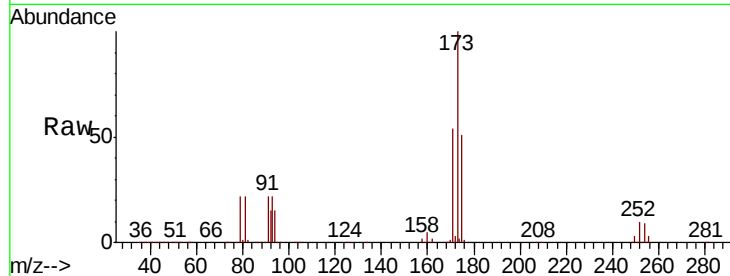
Tot Ion:173 Resp: 180504

Ion Ratio Lower Upper

173 100

175 50.9 24.5 73.5

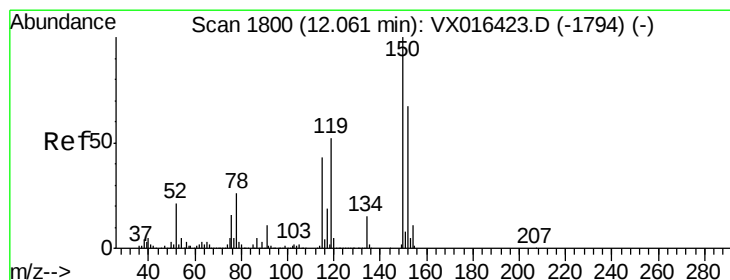
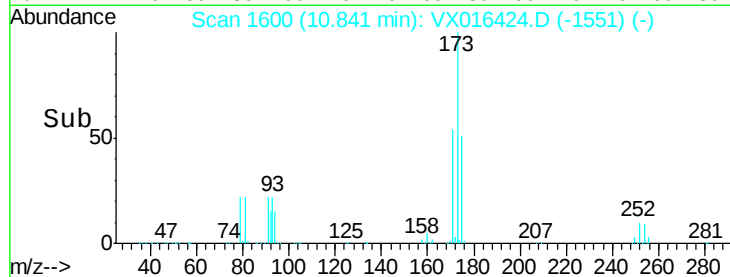
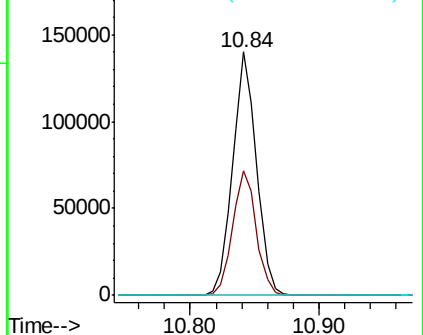
254 0.2 0.2 0.2



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: VX016424.D

Acq: 26 May 2020 14:02

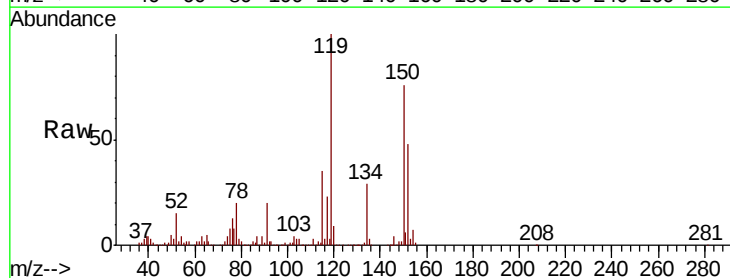
Tgt Ion:152 Resp: 135738

Ion Ratio Lower Upper

152 100

115 102.8 40.4 121.2

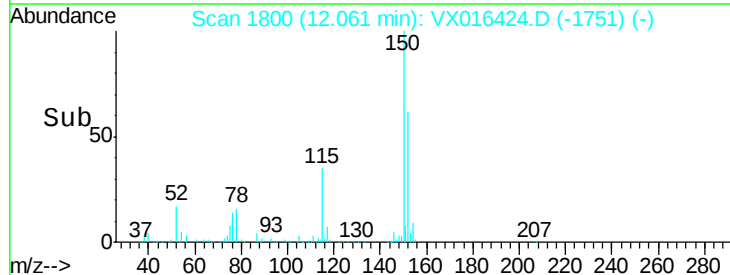
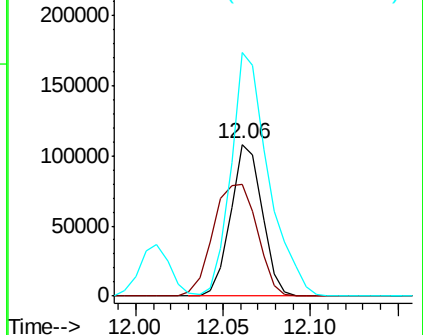
150 190.4 0.0 345.8

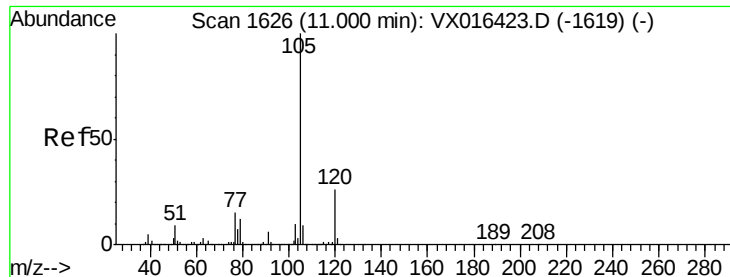


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 95.646 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

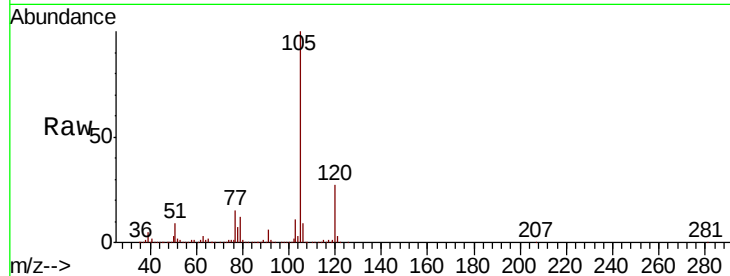
VSTDIC100

Tot Ion: 105 Resp: 936711

Ion Ratio Lower Upper

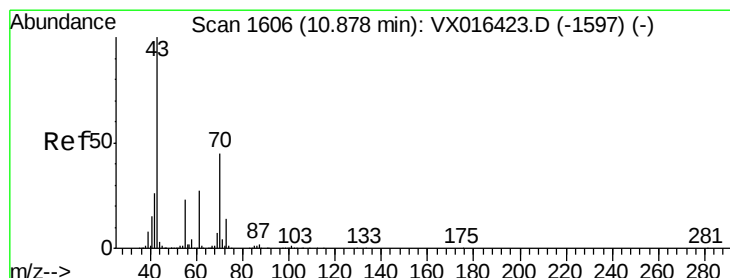
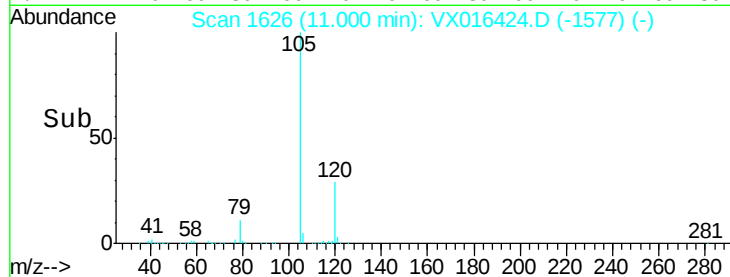
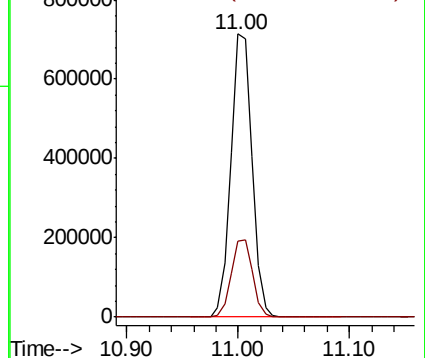
105 100

120 27.5 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 87.474 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Tgt Ion: 43 Resp: 392472

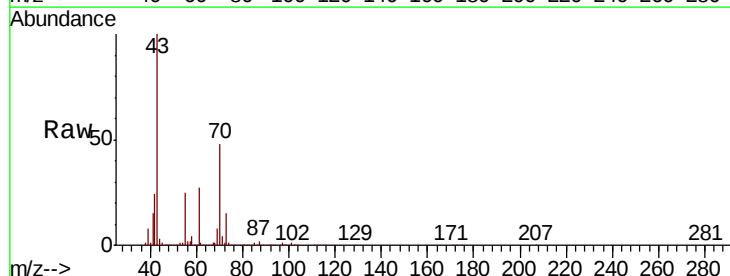
Ion Ratio Lower Upper

43 100

70 47.7 38.0 57.0

55 25.1 20.0 30.0

61 26.7 21.4 32.2

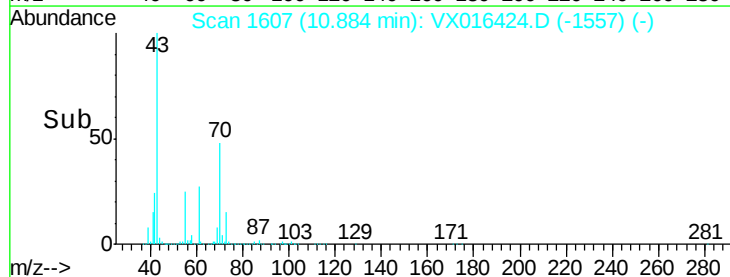
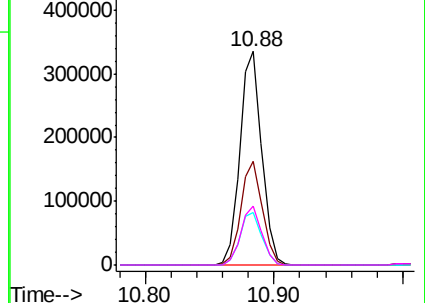


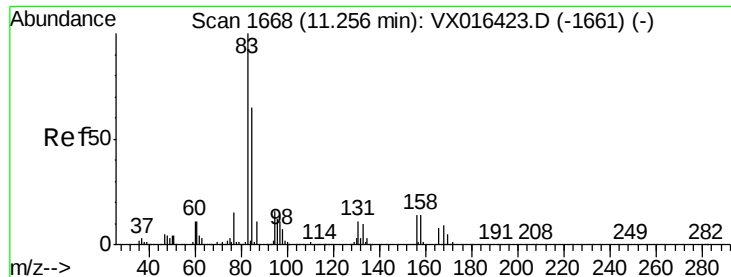
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 137.799 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

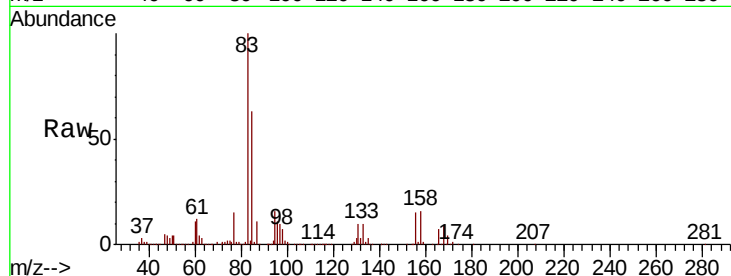
Tot Ion: 83 Resp: 247835

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

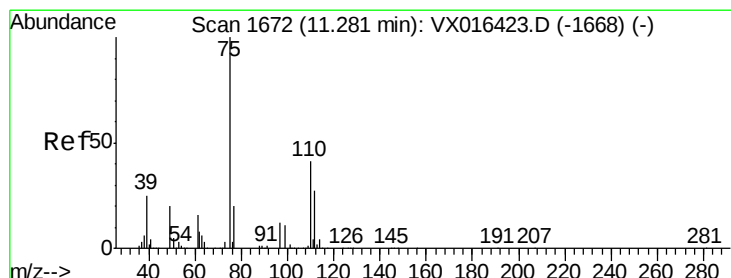
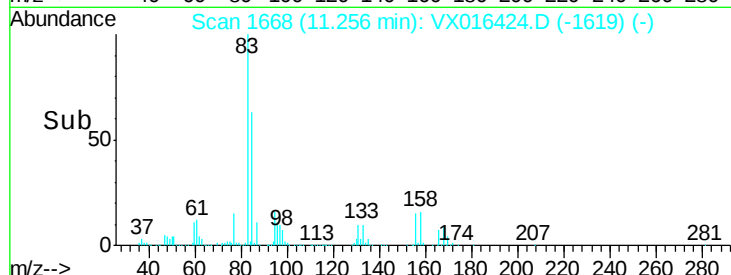
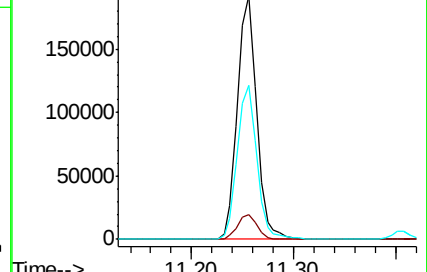
85 64.6 32.6 97.7



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: 124.693 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016424.D

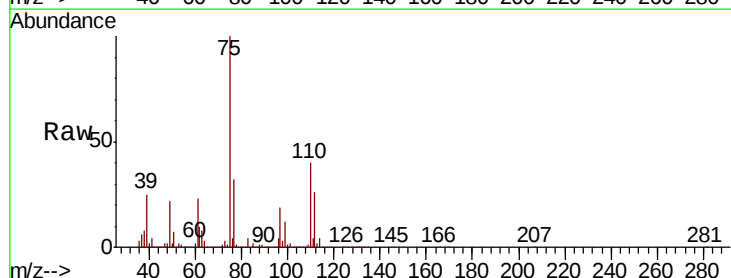
Acq: 26 May 2020 14:02

Tgt Ion: 75 Resp: 378773

Ion Ratio Lower Upper

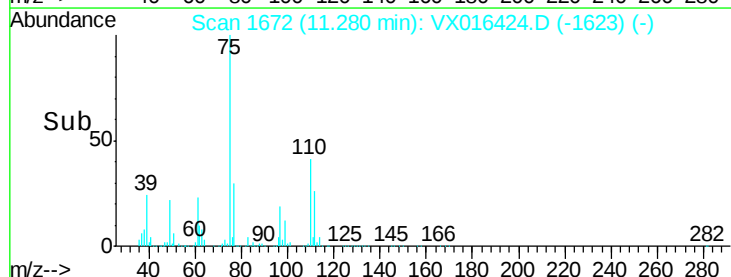
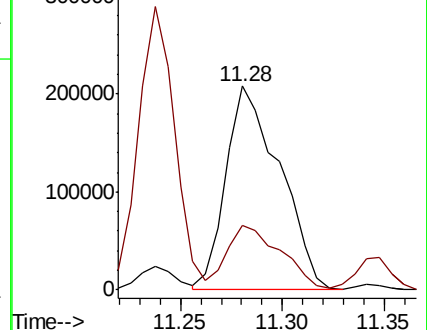
75 100

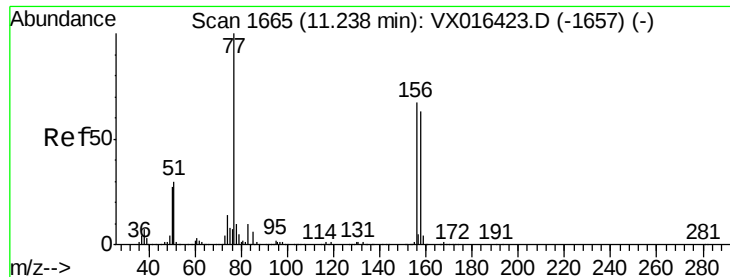
77 31.9 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 97.734 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

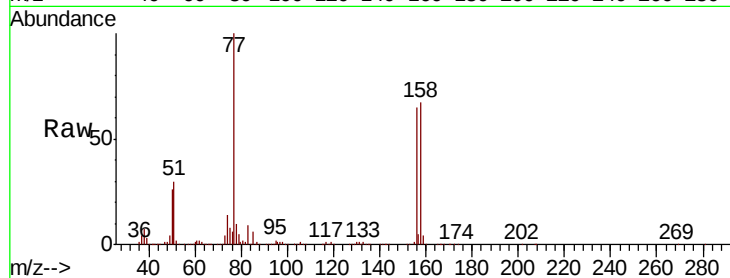
Tot Ion:156 Resp: 248704

Ion Ratio Lower Upper

156 100

77 144.4 74.6 223.8

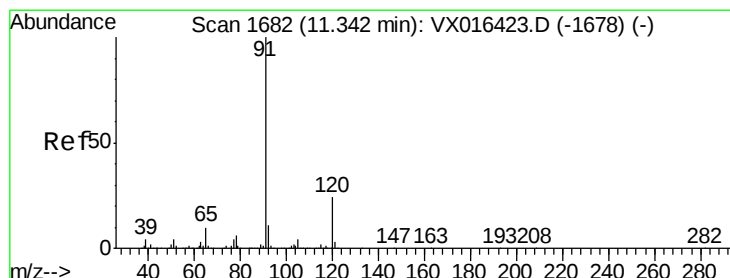
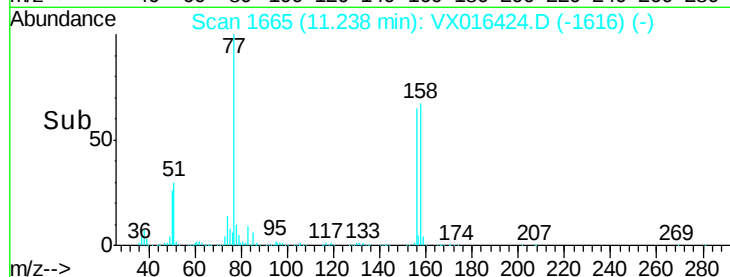
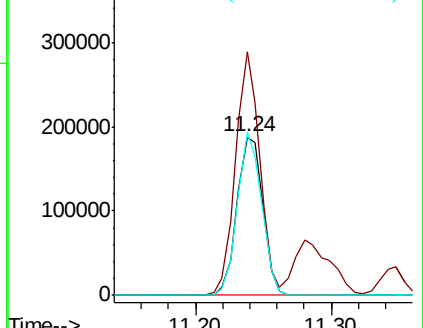
158 96.8 48.7 146.1



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: 93.320 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016424.D

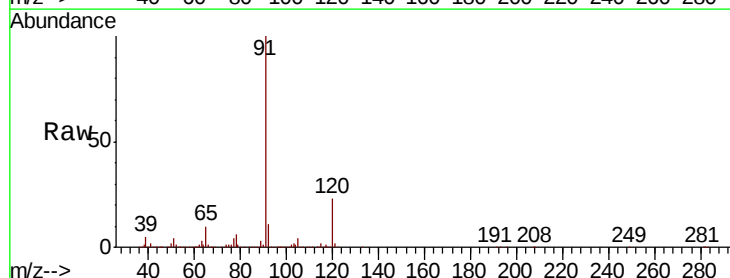
Acq: 26 May 2020 14:02

Tgt Ion: 91 Resp: 1060699

Ion Ratio Lower Upper

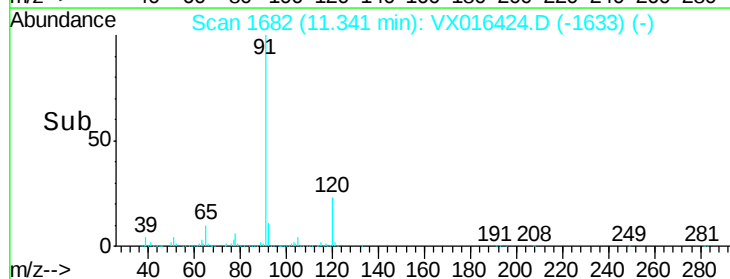
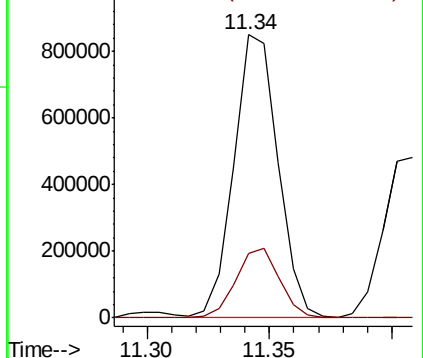
91 100

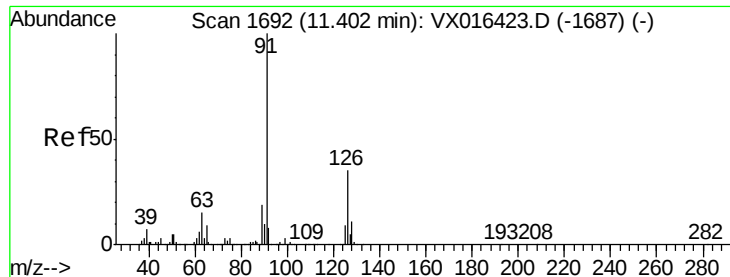
120 24.4 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

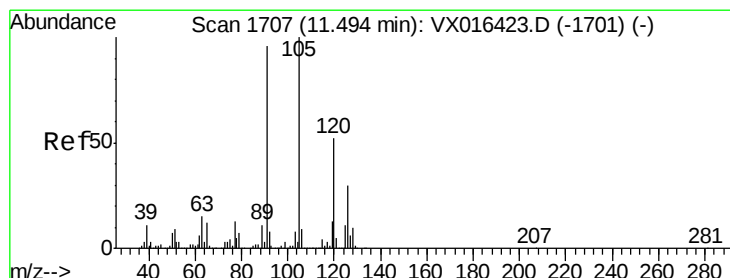
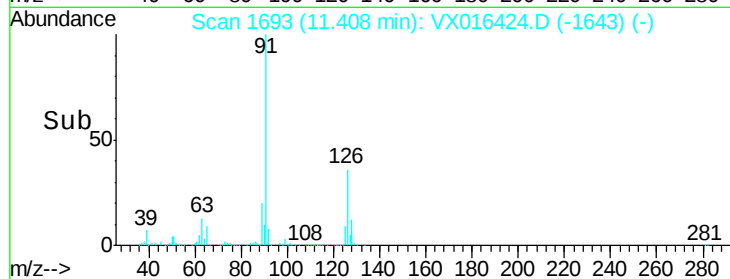
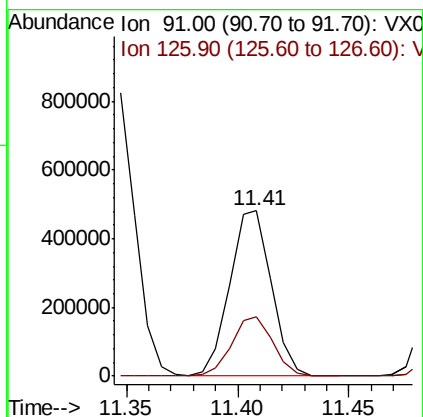
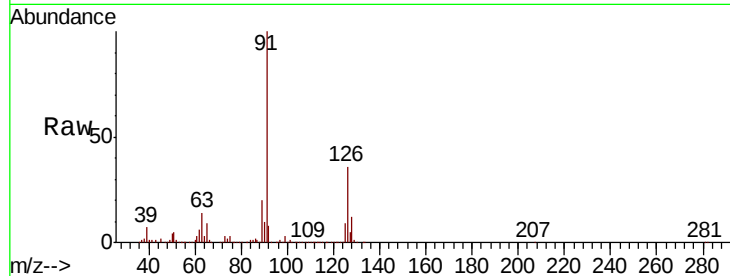




#79
 2-Chlorotoluene
 Concen: 92.809 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. 0.01 min
 Lab File: VX016424.D
 Acq: 26 May 2020 14:02

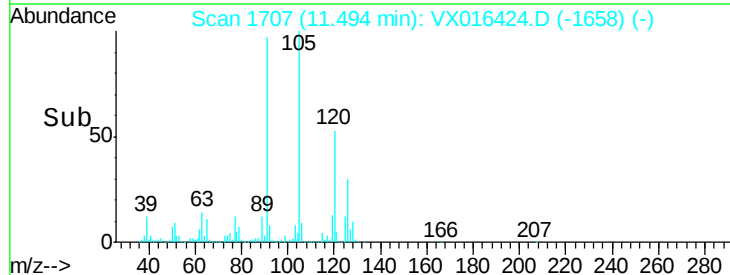
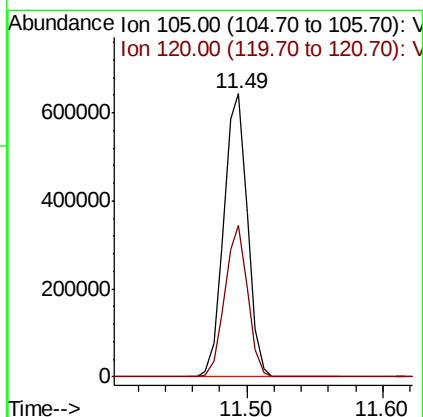
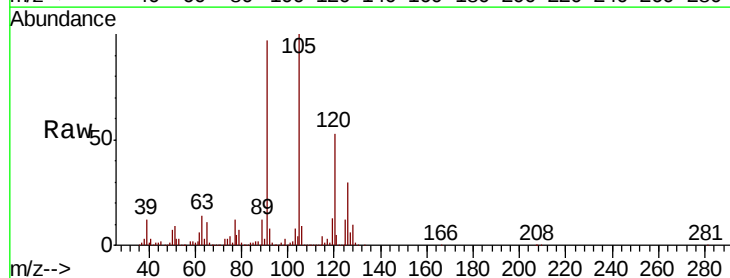
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

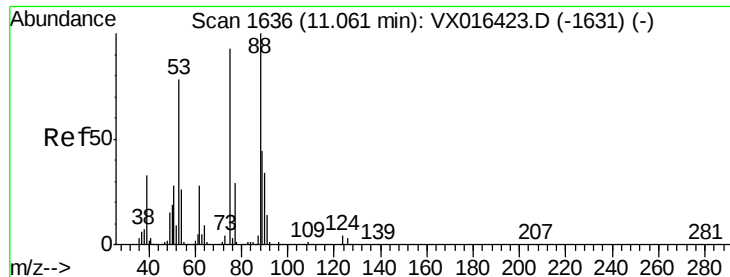
Tot Ion: 91 Resp: 623817
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 93.615 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016424.D
 Acq: 26 May 2020 14:02

Tgt Ion: 105 Resp: 773672
 Ion Ratio Lower Upper
 105 100
 120 51.7 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 94.668 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

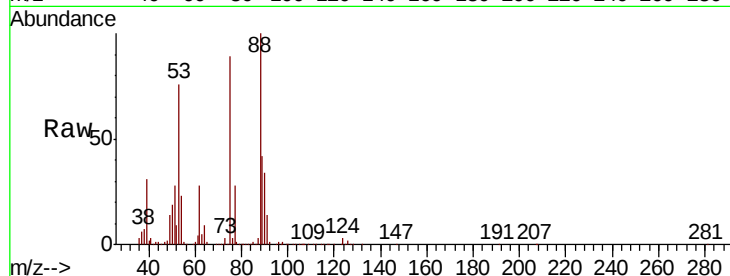
Tot Ion: 75 Resp: 119927

Ion Ratio Lower Upper

75 100

53 86.4 69.4 104.2

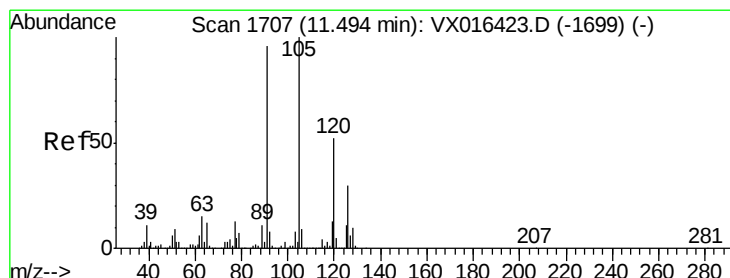
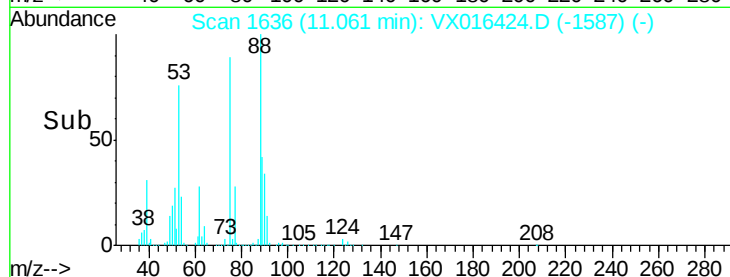
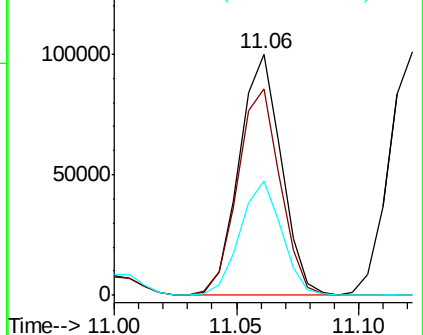
89 46.9 37.0 55.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 95.117 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016424.D

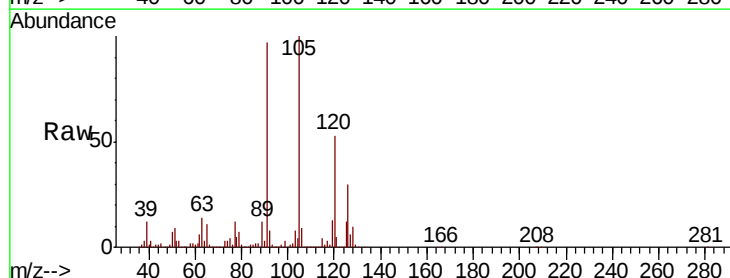
Acq: 26 May 2020 14:02

Tgt Ion: 91 Resp: 755683

Ion Ratio Lower Upper

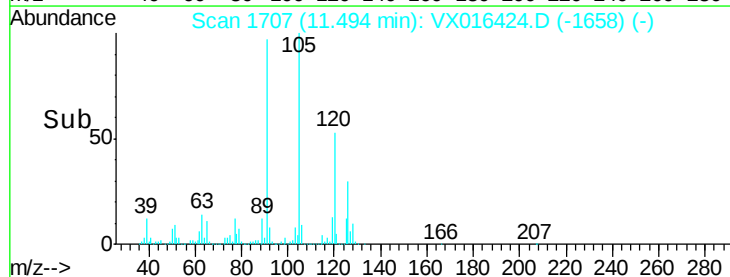
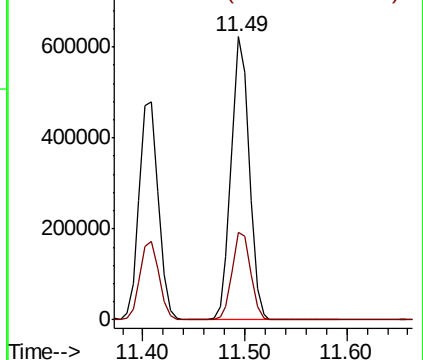
91 100

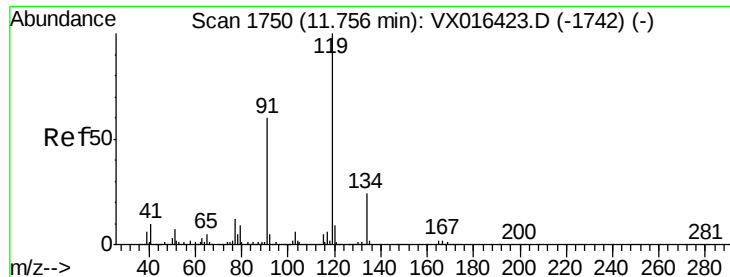
126 31.7 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

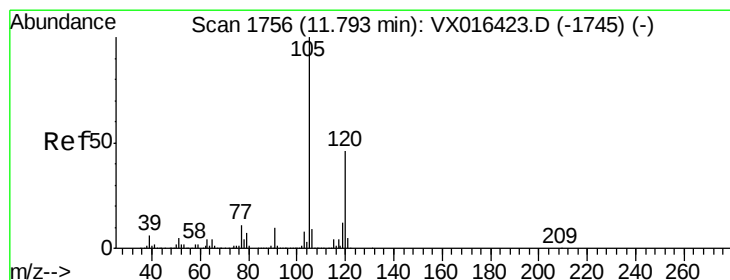
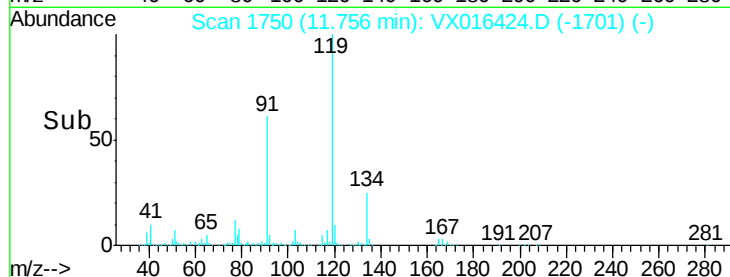
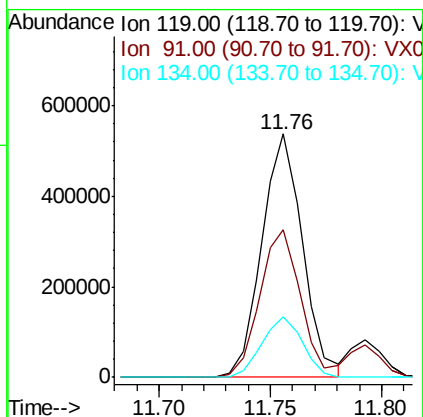
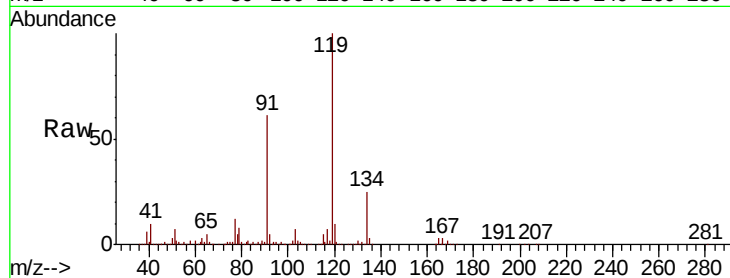




#83
 tert-Butylbenzene
 Concen: 95.799 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016424.D
 Acq: 26 May 2020 14:02

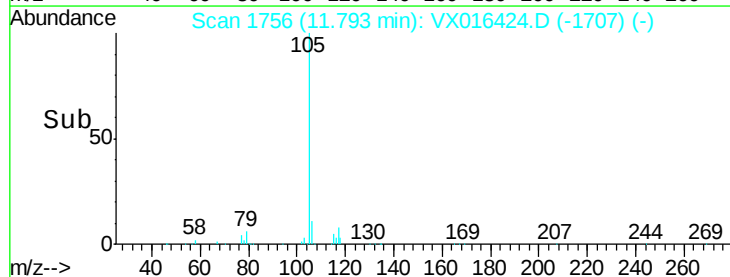
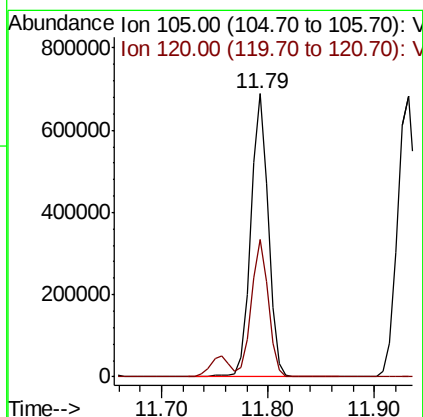
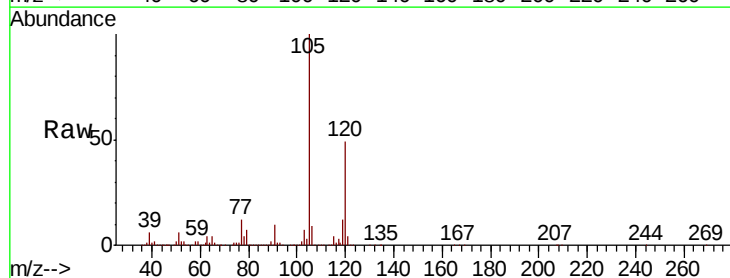
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

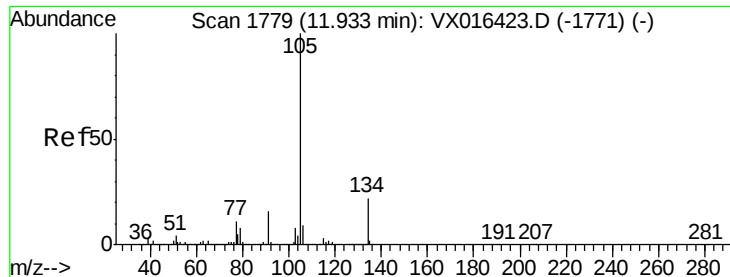
Tot Ion:119 Resp: 681953
 Ion Ratio Lower Upper
 119 100
 91 60.1 30.8 92.3
 134 24.7 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 94.608 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016424.D
 Acq: 26 May 2020 14:02

Tgt Ion:105 Resp: 788816
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.2 69.6

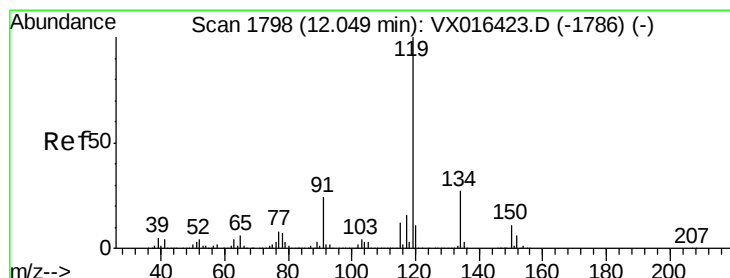
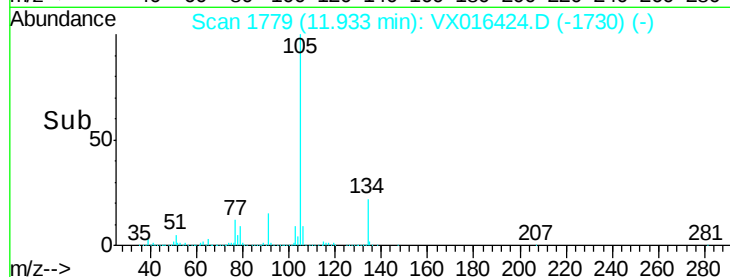
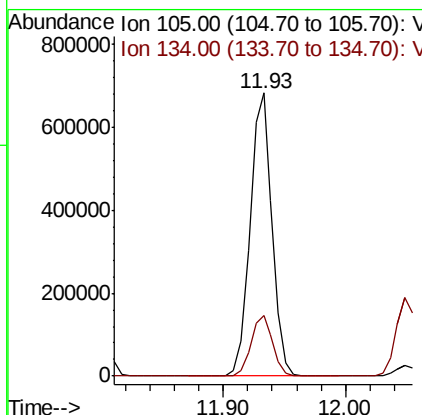
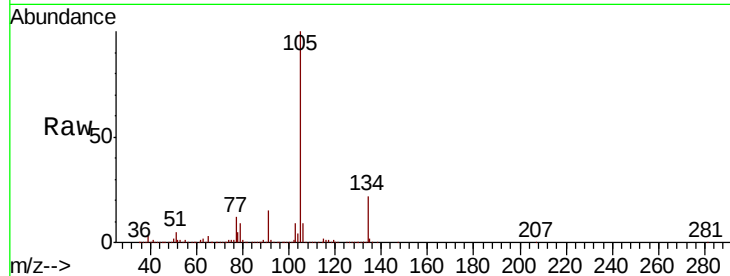




#85
 sec-Butylbenzene
 Concen: 88.592 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016424.D
 Acq: 26 May 2020 14:02

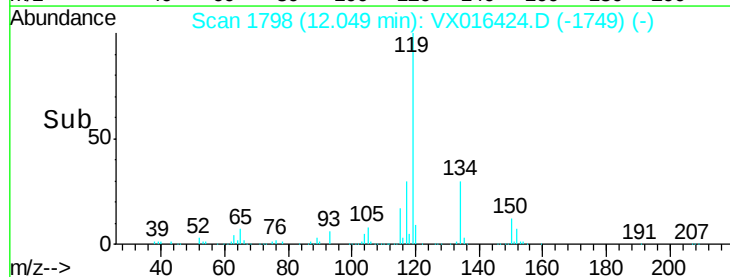
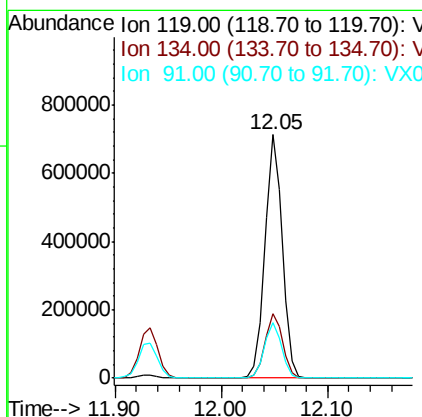
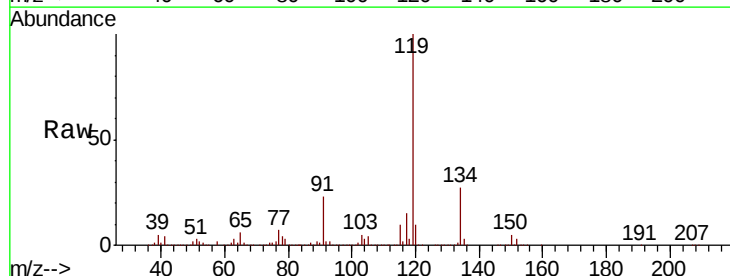
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

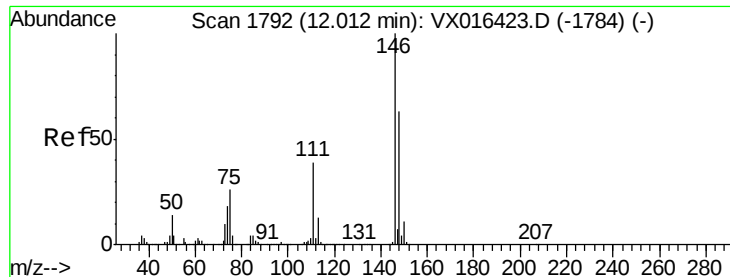
Tot Ion:105 Resp: 843703
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 92.113 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016424.D
 Acq: 26 May 2020 14:02

Tgt Ion:119 Resp: 812466
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.8 41.3
 91 22.9 11.9 35.5

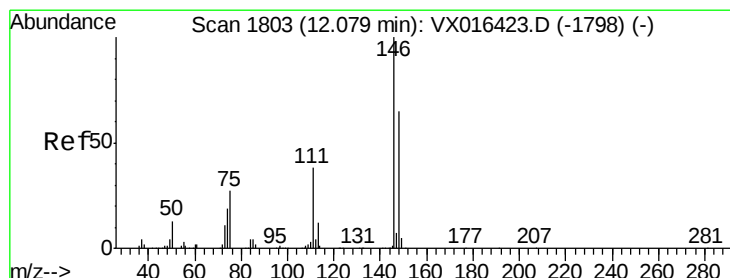
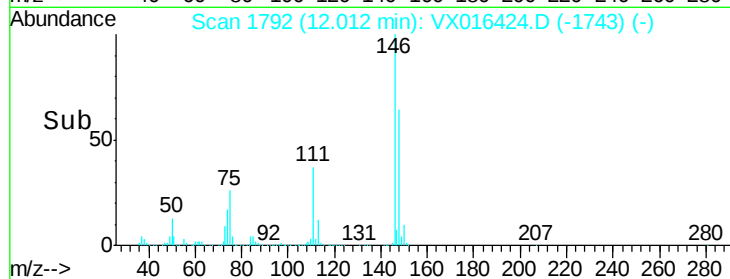
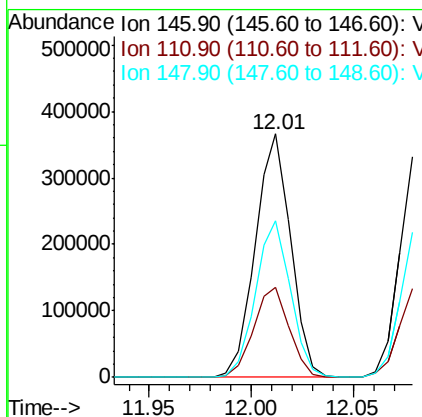
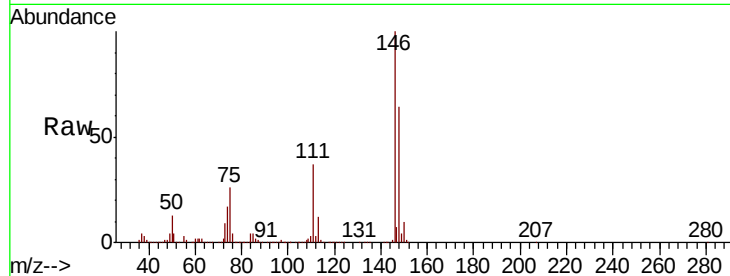




#87
 1,3-Dichlorobenzene
 Concen: 97.128 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016424.D
 Acq: 26 May 2020 14:02

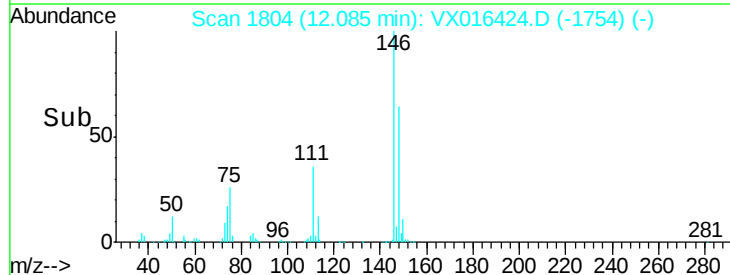
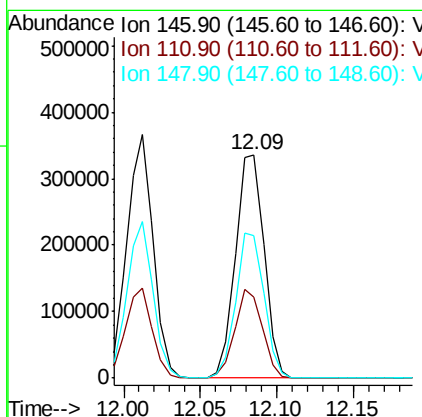
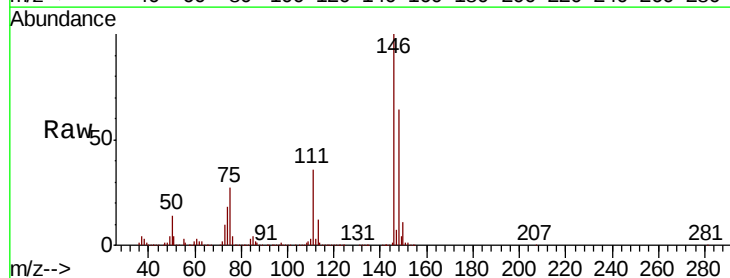
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

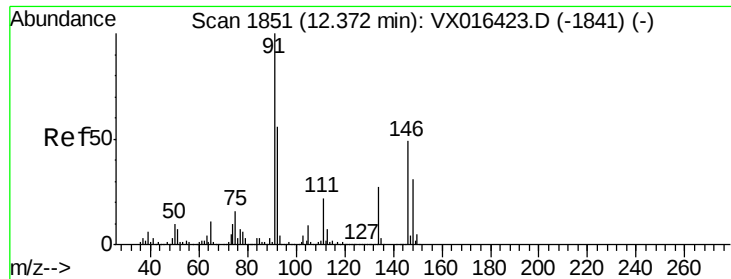
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	20.1	60.2
148	63.8	31.4	94.2



#88
 1,4-Dichlorobenzene
 Concen: 94.603 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016424.D
 Acq: 26 May 2020 14:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.2	57.6
148	64.0	33.1	99.2





#89

n-Butylbenzene

Concen: 87.711 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

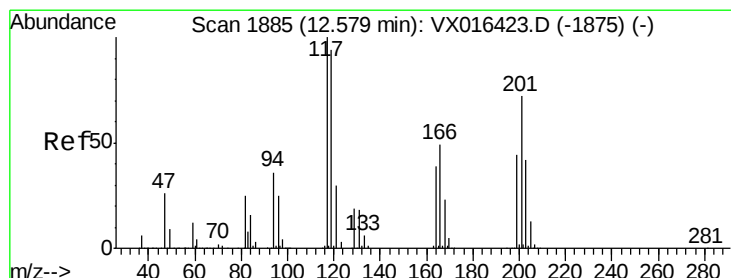
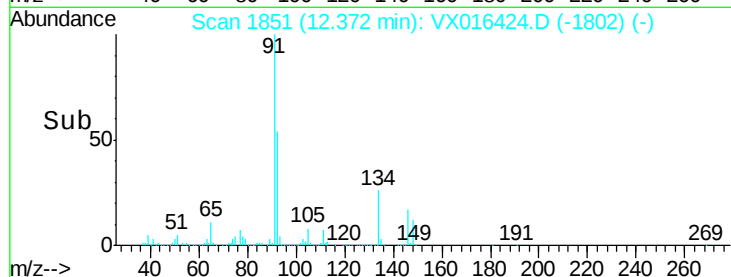
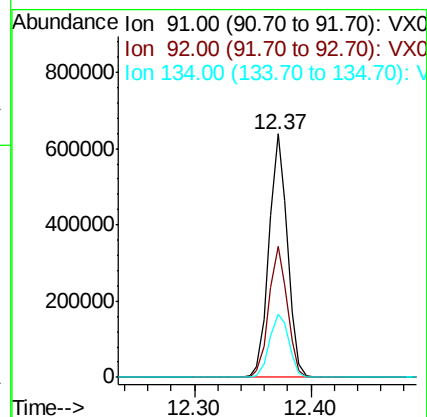
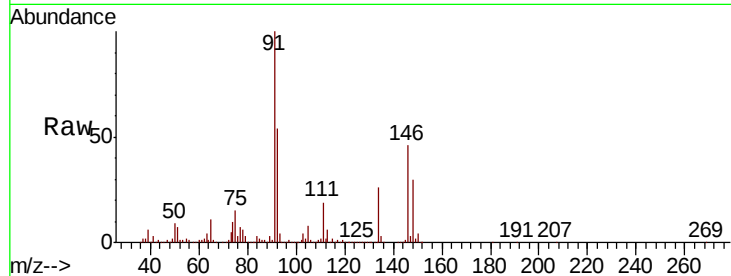
Tot Ion: 91 Resp: 702828

Ion Ratio Lower Upper

91 100

92 54.0 27.6 82.8

134 27.4 13.7 41.1



#90

Hexachloroethane

Concen: 96.733 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016424.D

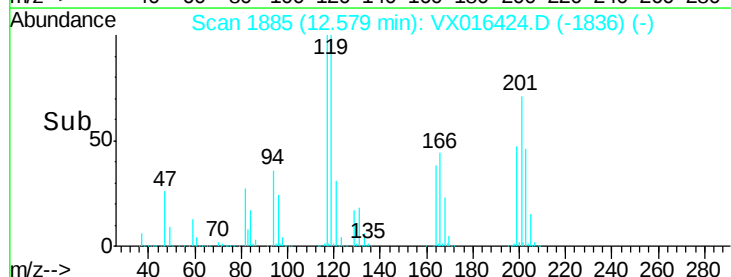
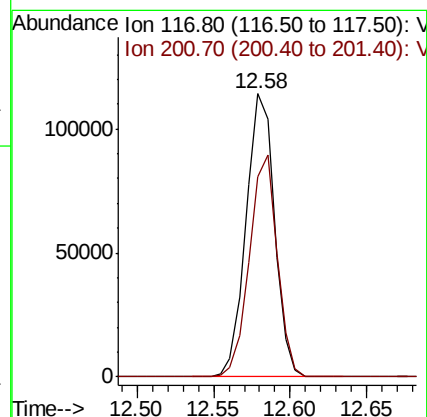
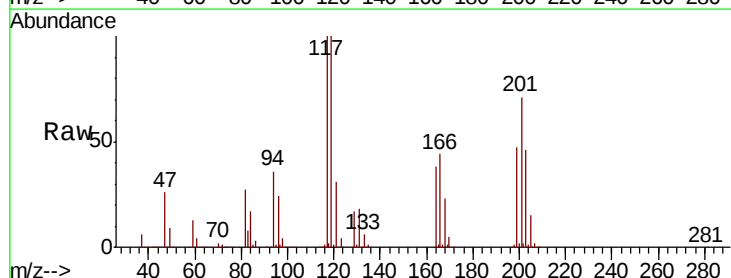
Acq: 26 May 2020 14:02

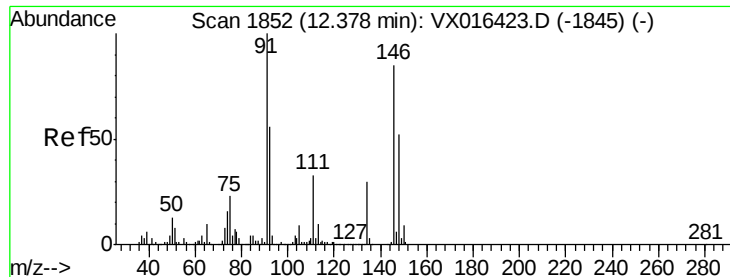
Tgt Ion: 117 Resp: 147477

Ion Ratio Lower Upper

117 100

201 76.5 37.6 112.9





#91

1,2-Dichlorobenzene

Concen: 97.103 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

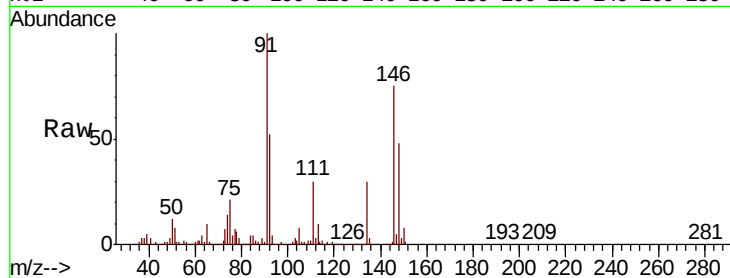
Tot Ion:146 Resp: 427137

Ion Ratio Lower Upper

146 100

111 40.2 20.4 61.3

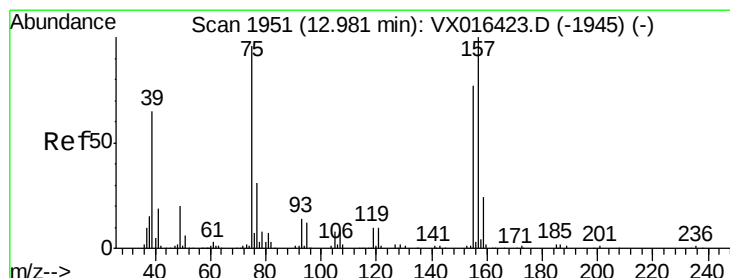
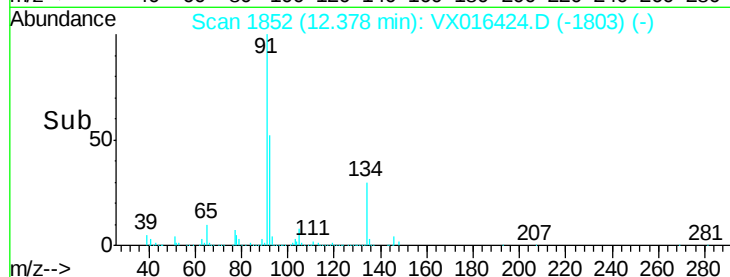
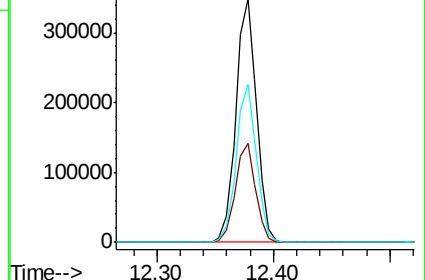
148 64.0 31.6 94.8



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: 89.648 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016424.D

Acq: 26 May 2020 14:02

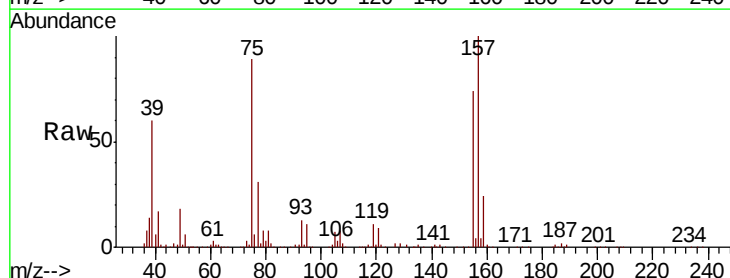
Tgt Ion: 75 Resp: 71825

Ion Ratio Lower Upper

75 100

155 94.4 44.8 134.4

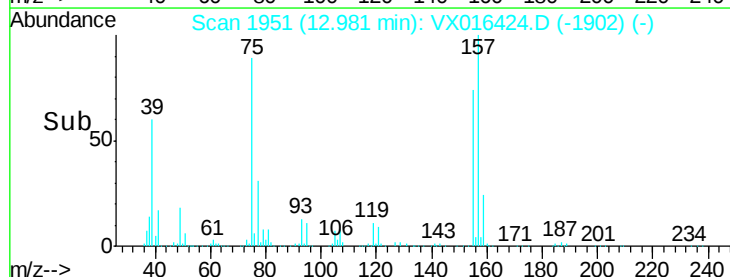
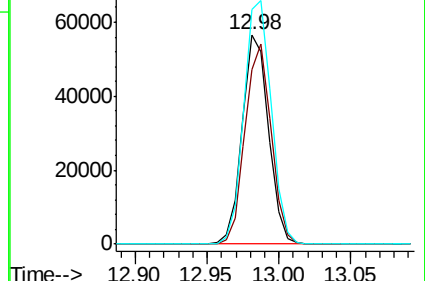
157 120.4 57.8 173.4

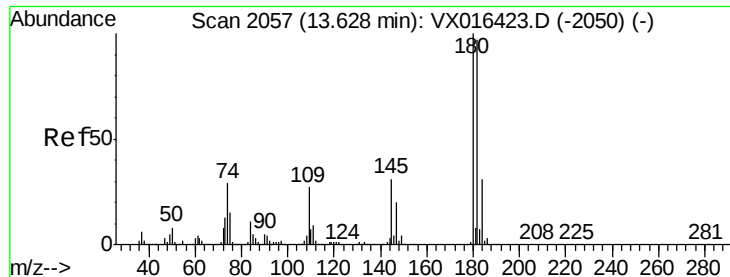


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

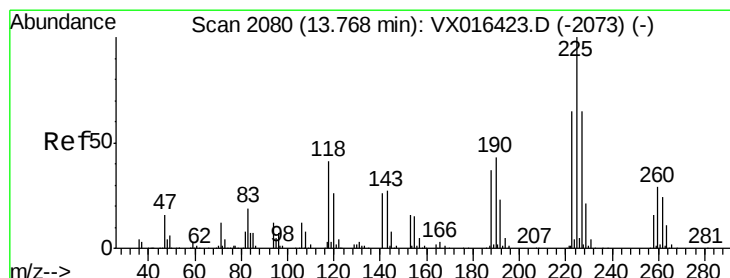
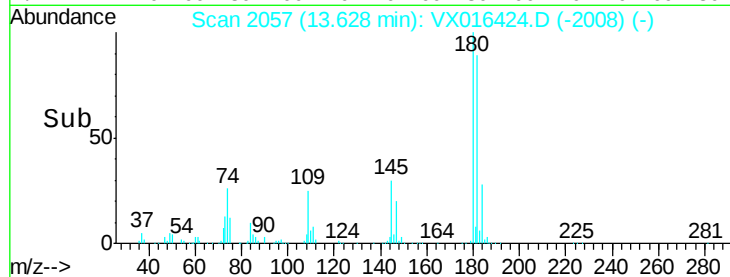
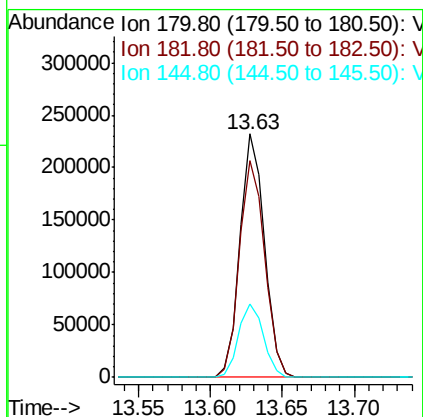
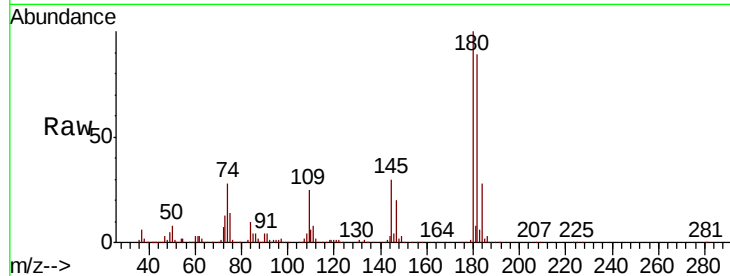




#93
 1,2,4-Trichlorobenzene
 Concen: 85.737 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016424.D
 Acq: 26 May 2020 14:02

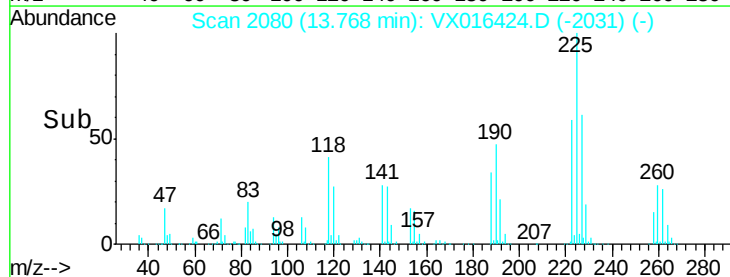
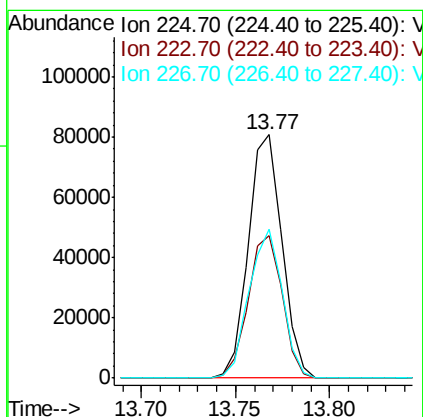
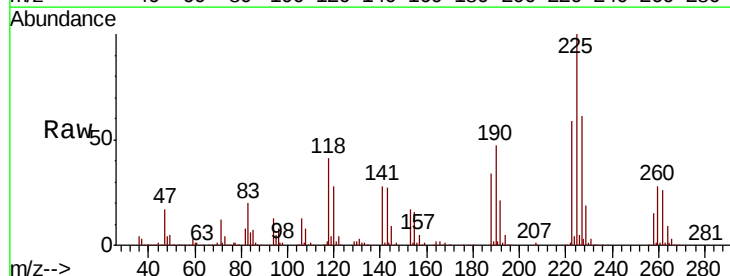
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

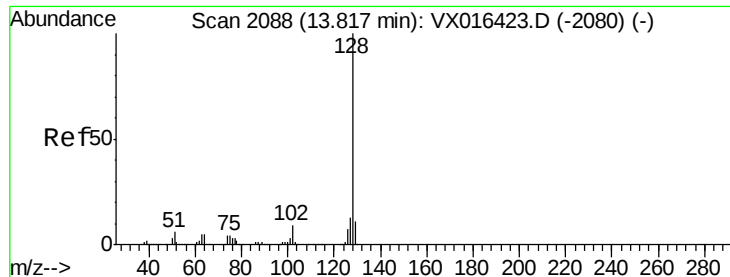
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.2	48.6	145.8
145	30.9	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 70.267 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016424.D
 Acq: 26 May 2020 14:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.5	32.6	98.0
227	60.3	32.5	97.4

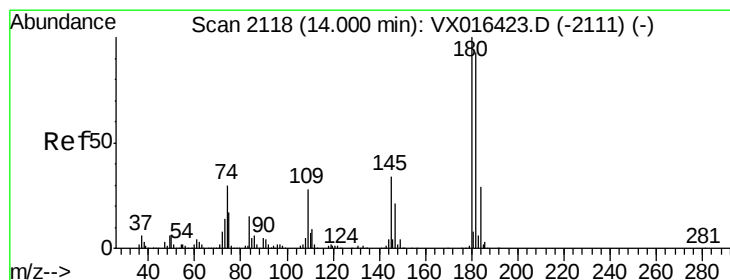
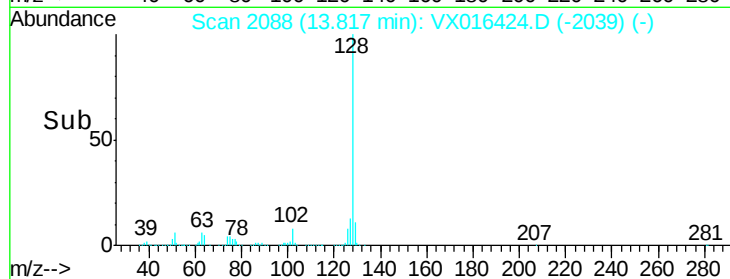
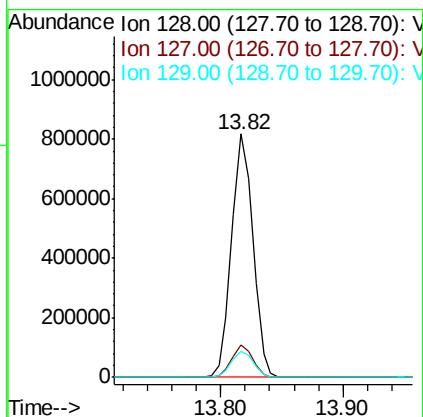
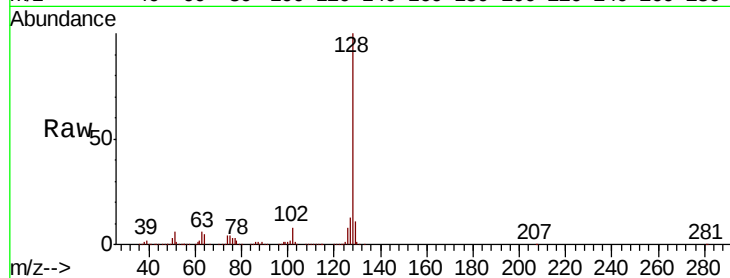




#95
Naphthalene
Concen: 94.434 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 986473
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 85.538 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX016424.D
Acq: 26 May 2020 14:02

Tgt Ion:180 Resp: 265389
Ion Ratio Lower Upper
180 100
182 96.1 48.2 144.6
145 32.1 16.3 48.9

