

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042820\
 Data File : VX015966.D
 Acq On : 28 Apr 2020 16:54
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 28 17:23:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:15:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	254246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	405754	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	381140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	212167	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	502573	151.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.38%	
35) Dibromofluoromethane	5.47	113	390473	154.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	308.54%	
50) Toluene-d8	8.70	98	1456695	153.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.86%	
62) 4-Bromofluorobenzene	11.12	95	599387	161.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	322.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	353822	155.518	ug/l	99
3) Chloromethane	1.31	50	399273	144.806	ug/l	97
4) Vinyl Chloride	1.39	62	458761	146.505	ug/l	100
5) Bromomethane	1.62	94	273461	130.084	ug/l	100
6) Chloroethane	1.69	64	313783	150.646	ug/l	100
7) Trichlorofluoromethane	1.90	101	705444	149.047	ug/l	99
8) Diethyl Ether	2.17	74	289640	146.584	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	345523	146.455	ug/l	100
10) Methyl Iodide	2.48	142	523953	159.203	ug/l	99
11) Tert butyl alcohol	3.04	59	618190	766.115	ug/l	100
12) 1,1-Dichloroethene	2.35	96	355931	146.320	ug/l	99
13) Acrolein	2.28	56	162613	801.895	ug/l	98
14) Allyl chloride	2.70	41	662220	150.975	ug/l	100
15) Acrylonitrile	3.12	53	1210152	756.365	ug/l	99
16) Acetone	2.43	43	1052426	740.375	ug/l	99
17) Carbon Disulfide	2.54	76	1035204	132.866	ug/l	99
18) Methyl Acetate	2.75	43	605079	150.004	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1336628	151.922	ug/l	99
20) Methylene Chloride	2.83	84	404565	143.771	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	399527	145.734	ug/l	98
22) Diisopropyl ether	3.83	45	1315915	152.596	ug/l	91
23) Vinyl Acetate	3.79	43	5825674	777.685	ug/l	99
24) 1,1-Dichloroethane	3.67	63	724751	150.869	ug/l	100
25) 2-Butanone	4.64	43	1756190	762.407	ug/l	98
26) 2,2-Dichloropropane	4.55	77	655179	149.165	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	458970	147.530	ug/l	99
28) Bromochloromethane	4.98	49	345028	148.423	ug/l	99
29) Tetrahydrofuran	5.09	42	1139462	754.810	ug/l	100
30) Chloroform	5.18	83	750343	150.210	ug/l	98
31) Cyclohexane	5.55	56	634002	148.248	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	692676	150.605	ug/l	100
36) 1,1-Dichloropropene	5.77	75	559389	144.748	ug/l	99
37) Ethyl Acetate	4.80	43	677235	152.826	ug/l	99
38) Carbon Tetrachloride	5.76	117	614562	150.558	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042820\
 Data File : VX015966.D
 Acq On : 28 Apr 2020 16:54
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 28 17:23:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:15:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	659373	147.505	ug/l	98
40) Benzene	6.12	78	1626210	147.480	ug/l	99
41) Methacrylonitrile	5.01	41	361769	152.516	ug/l	99
42) 1,2-Dichloroethane	6.17	62	626467	146.629	ug/l	100
43) Isopropyl Acetate	6.42	43	1119753	152.593	ug/l	100
44) Trichloroethene	7.19	130	536877	135.081	ug/l	99
45) 1,2-Dichloropropane	7.49	63	418760	146.946	ug/l	100
46) Dibromomethane	7.64	93	301156	148.723	ug/l	99
47) Bromodichloromethane	7.88	83	620731	154.259	ug/l	99
48) Methyl methacrylate	7.75	41	533980	157.607	ug/l	99
49) 1,4-Dioxane	7.72	88	239568	3005.740	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	3486992	783.406	ug/l	99
52) Toluene	8.77	92	1057916	151.145	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	730463	152.989	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	741133	150.924	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	430906	154.052	ug/l	99
56) Ethyl methacrylate	9.16	69	744536	163.698	ug/l	99
57) 1,3-Dichloropropane	9.35	76	723074	150.453	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1838545	782.240	ug/l	99
59) 2-Hexanone	9.48	43	2767570	795.613	ug/l	99
60) Dibromochloromethane	9.57	129	516123	164.857	ug/l	98
61) 1,2-Dibromoethane	9.66	107	467487	154.124	ug/l	99
64) Tetrachloroethene	9.32	164	621543	137.465	ug/l	98
65) Chlorobenzene	10.12	112	1147803	147.859	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	456664	155.646	ug/l	99
67) Ethyl Benzene	10.24	91	2045891	147.990	ug/l	100
68) m/p-Xylenes	10.35	106	1590409	303.180	ug/l	98
69) o-Xylene	10.68	106	771832	154.971	ug/l	100
70) Styrene	10.70	104	1386784	162.275	ug/l	99
71) Bromoform	10.84	173	415865	174.963	ug/l #	100
73) Isopropylbenzene	11.01	105	2066406	143.170	ug/l	99
74) N-amyl acetate	10.88	43	1045448	150.185	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	528880	189.036	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	909640	163.712	ug/l	82
77) Bromobenzene	11.24	156	537939	144.792	ug/l	99
78) n-propylbenzene	11.35	91	2413074	145.335	ug/l	100
79) 2-Chlorotoluene	11.41	91	1420649	143.608	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1802086	148.220	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	290519	154.211	ug/l	98
82) 4-Chlorotoluene	11.49	91	1735277	146.662	ug/l	99
83) tert-Butylbenzene	11.76	119	1557054	148.528	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1840337	150.399	ug/l	99
85) sec-Butylbenzene	11.93	105	2090959	148.043	ug/l	100
86) p-Isopropyltoluene	12.05	119	1969032	148.835	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	991517	146.348	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	997633	145.698	ug/l	99
89) n-Butylbenzene	12.37	91	1823718	152.565	ug/l	100
90) Hexachloroethane	12.58	117	375273	160.544	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	961511	148.413	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	178421	149.732	ug/l	98

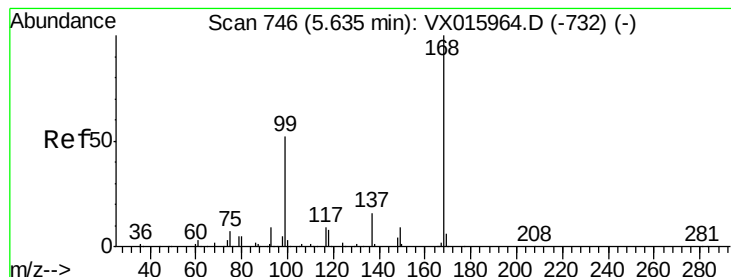
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042820\
Data File : VX015966.D
Acq On : 28 Apr 2020 16:54
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Apr 28 17:23:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 28 17:15:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	718453	147.749	ug/l	98
94) Hexachlorobutadiene	13.77	225	317120	145.965	ug/l	97
95) Naphthalene	13.82	128	2319237	151.222	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	699965	149.494	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

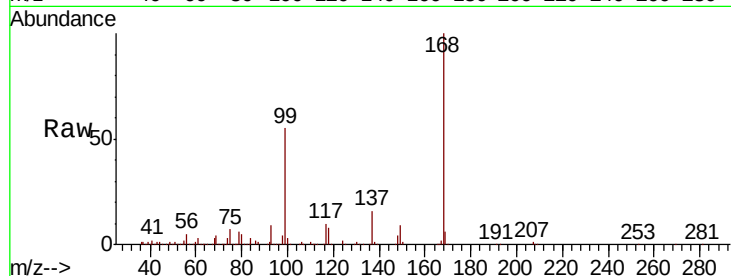
VSTDIC150

Tot Ion:168 Resp: 254246

Ion Ratio Lower Upper

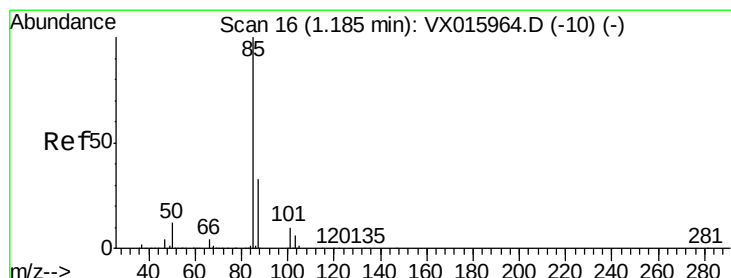
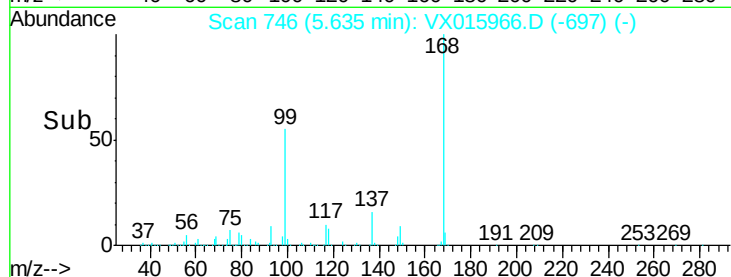
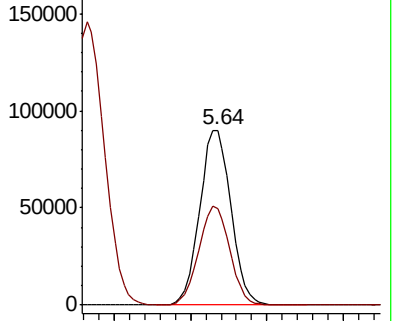
168 100

99 54.7 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 155.518 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX015966.D

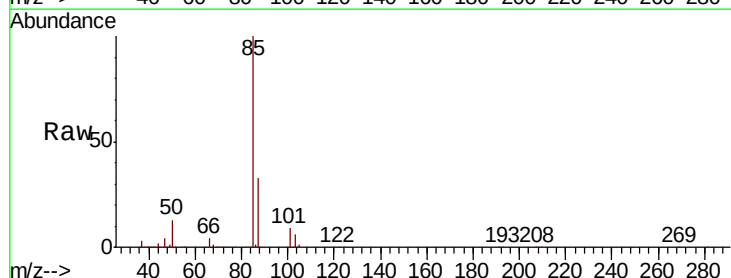
Acq: 28 Apr 2020 16:54

Tgt Ion: 85 Resp: 353822

Ion Ratio Lower Upper

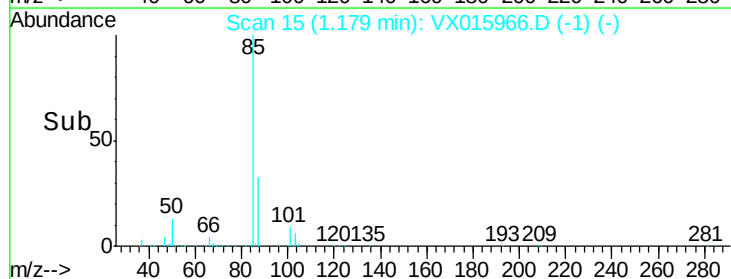
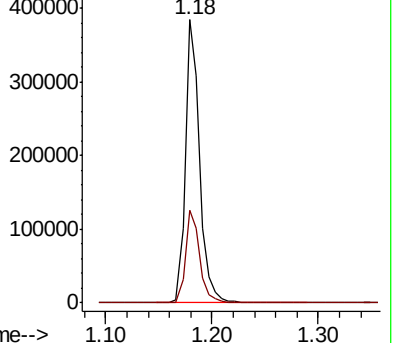
85 100

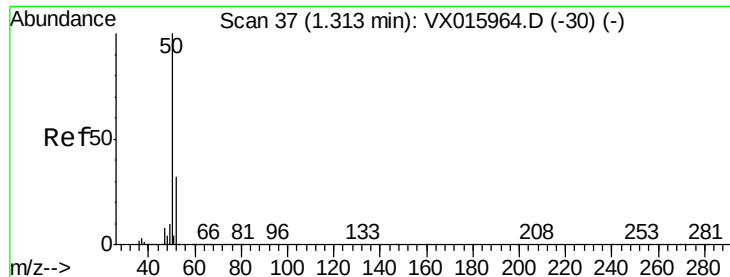
87 32.6 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

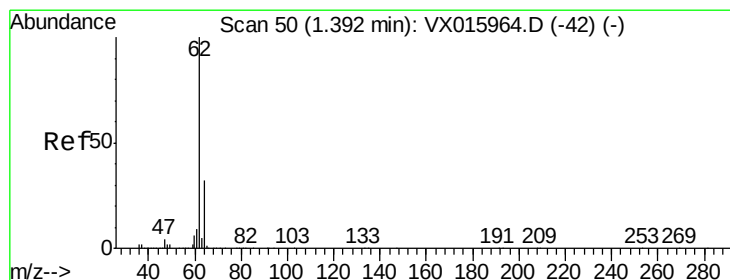
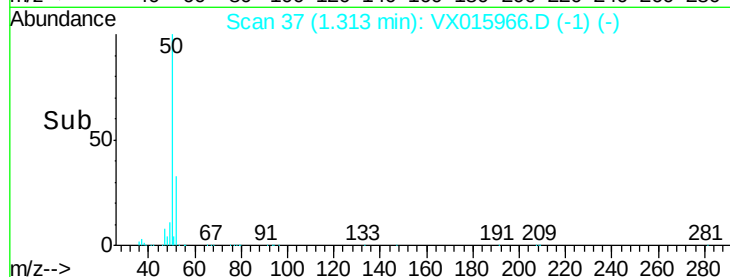
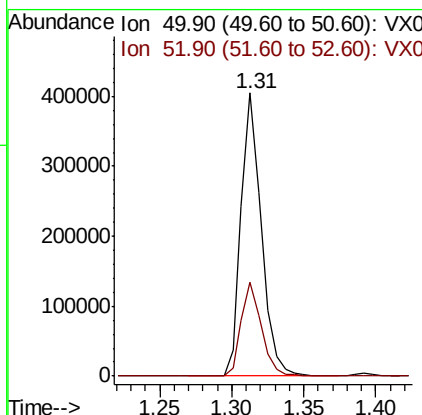
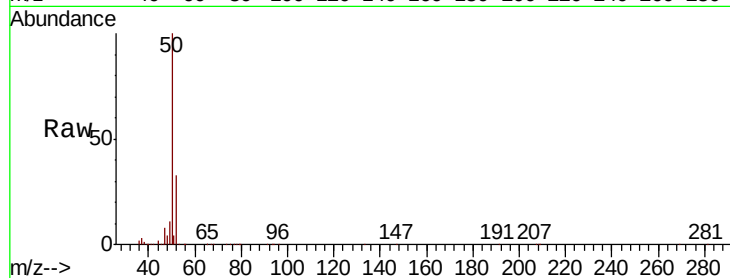




#3
Chloromethane
Concen: 144.806 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

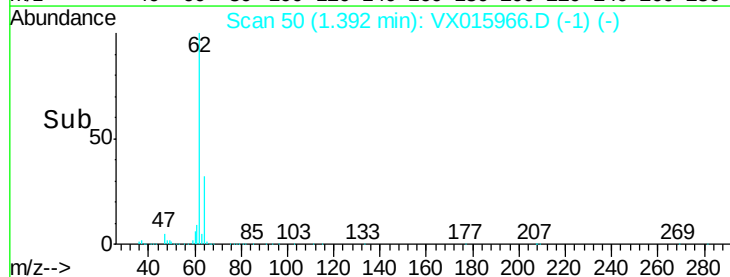
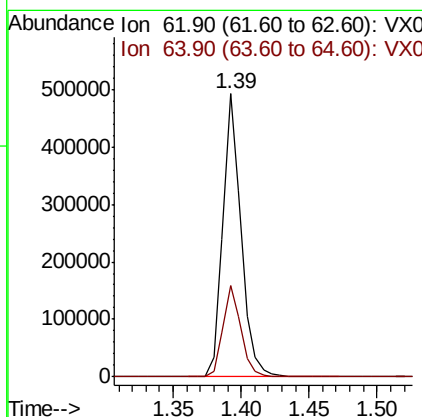
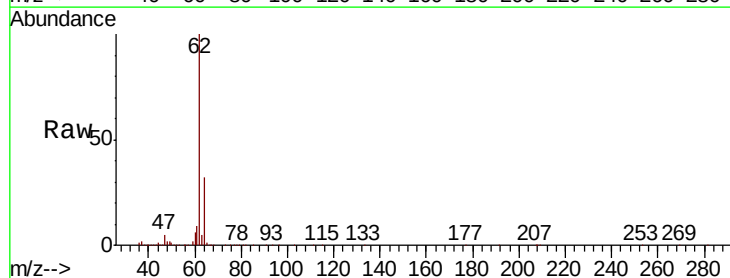
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

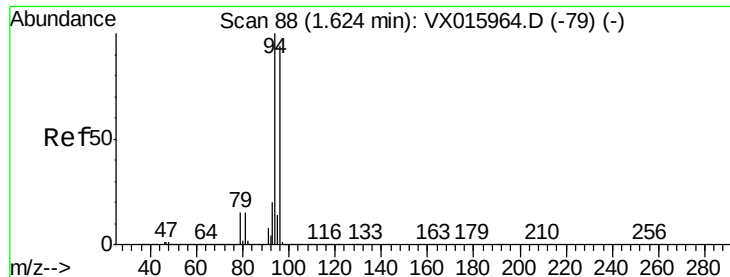
Tot Ion: 50 Resp: 399273
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3



#4
Vinyl Chloride
Concen: 146.505 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

Tgt Ion: 62 Resp: 458761
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.6





#5

Bromomethane

Concen: 130.084 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

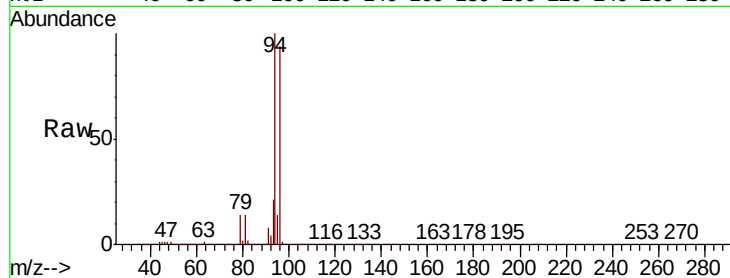
VSTDIC150

Tot Ion: 94 Resp: 273461

Ion Ratio Lower Upper

94 100

96 93.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

300000

250000

200000

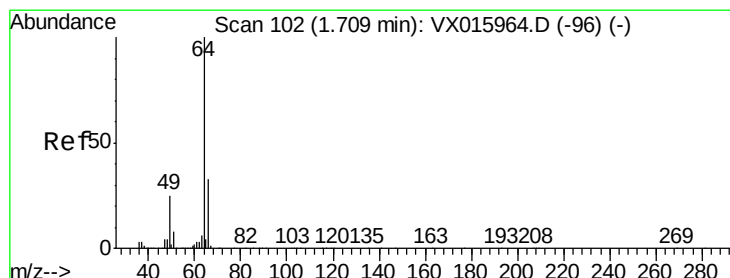
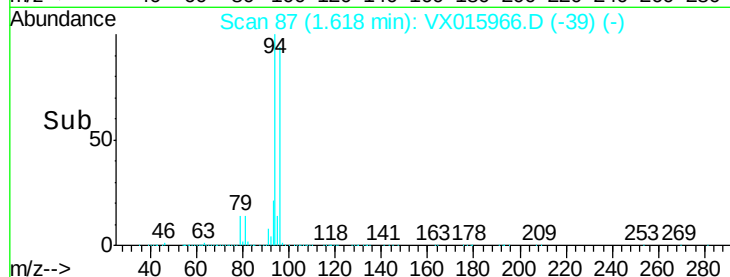
150000

100000

50000

0

Time--> 1.50 1.60 1.70



#6

Chloroethane

Concen: 150.646 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.02 min

Lab File: VX015966.D

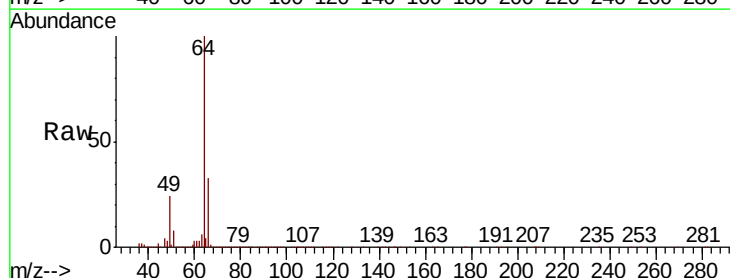
Acq: 28 Apr 2020 16:54

Tgt Ion: 64 Resp: 313783

Ion Ratio Lower Upper

64 100

66 32.7 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

300000

250000

200000

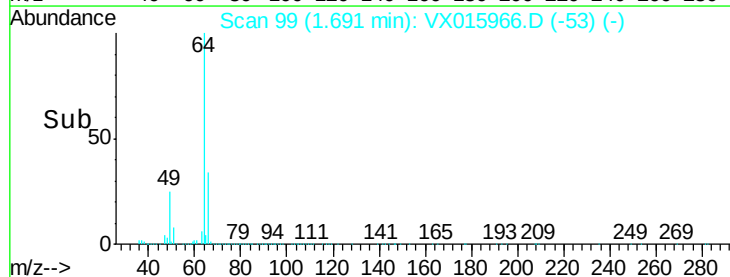
150000

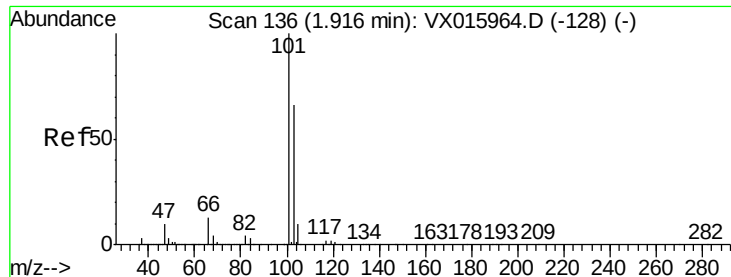
100000

50000

0

Time--> 1.60 1.65 1.70 1.75 1.80



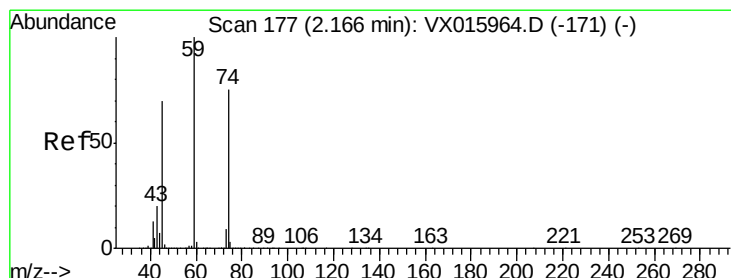
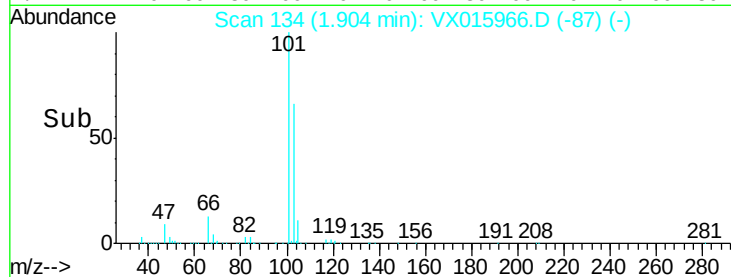
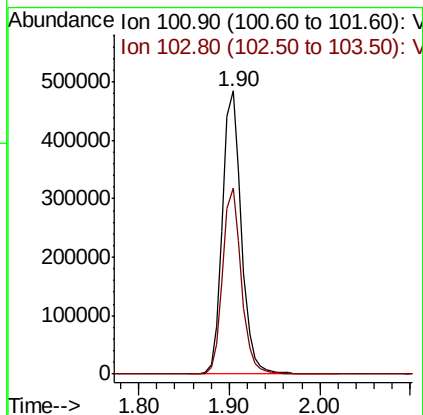
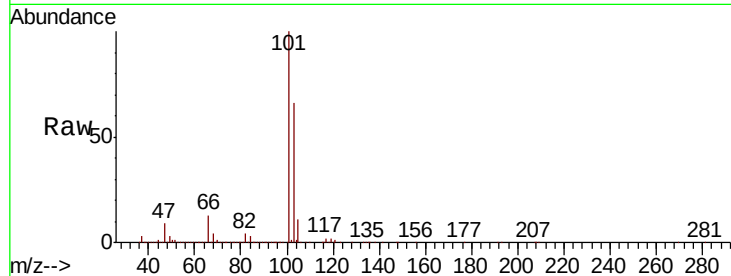


#7

Trichlorofluoromethane
Concen: 149.047 ug/l
RT: 1.90 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

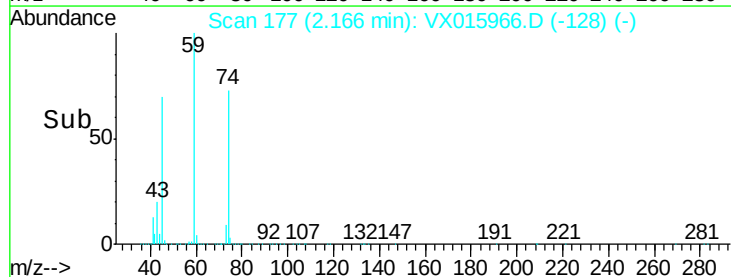
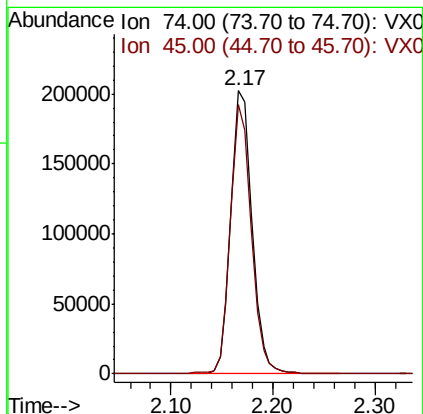
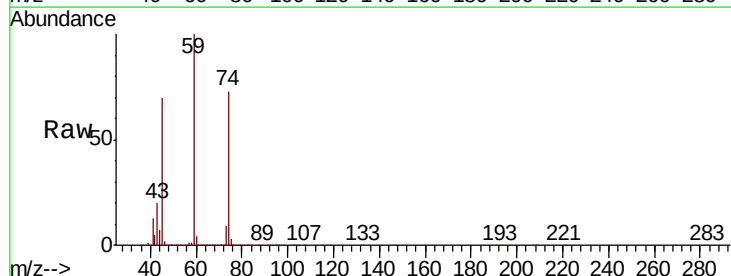
Tot Ion:101 Resp: 705444
Ion Ratio Lower Upper
101 100
103 65.9 52.4 78.6

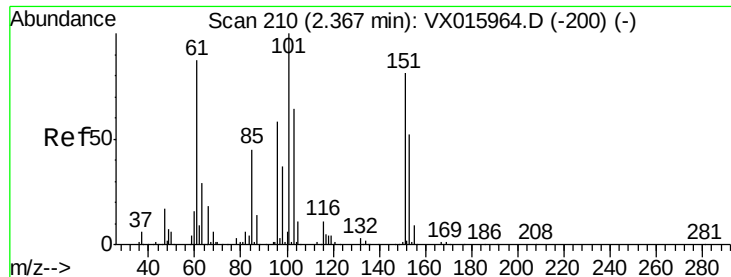


#8

Diethyl Ether
Concen: 146.584 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

Tgt Ion: 74 Resp: 289640
Ion Ratio Lower Upper
74 100
45 94.2 47.1 141.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 146.455 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

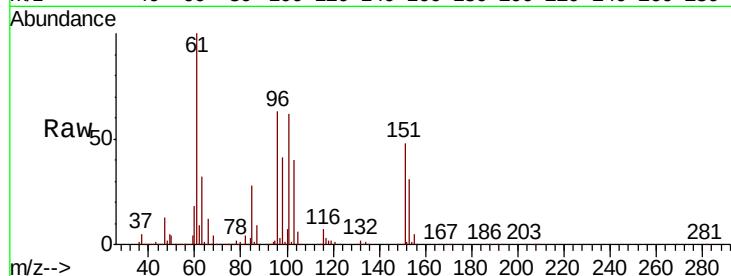
Tot Ion:101 Resp: 345523

Ion Ratio Lower Upper

101 100

85 45.1 36.3 54.5

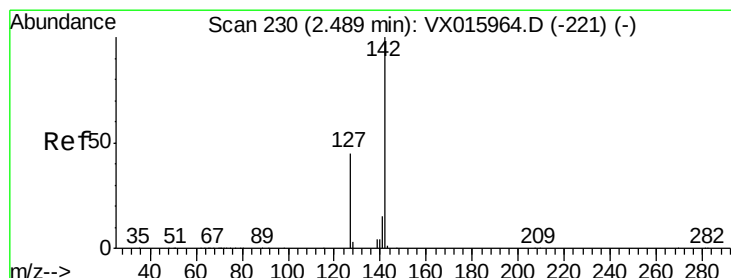
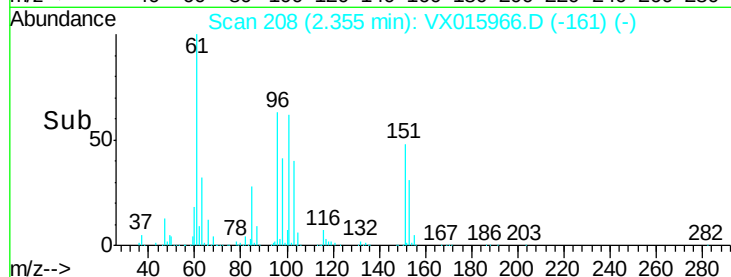
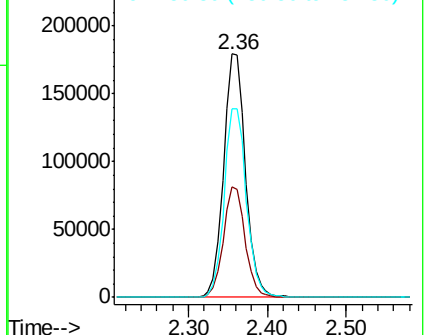
151 79.1 63.1 94.7



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: 159.203 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

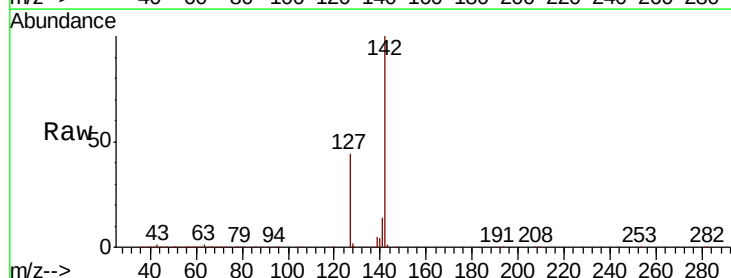
Tgt Ion:142 Resp: 523953

Ion Ratio Lower Upper

142 100

127 44.9 36.5 54.7

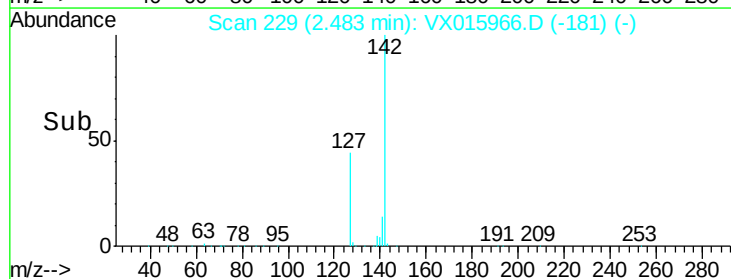
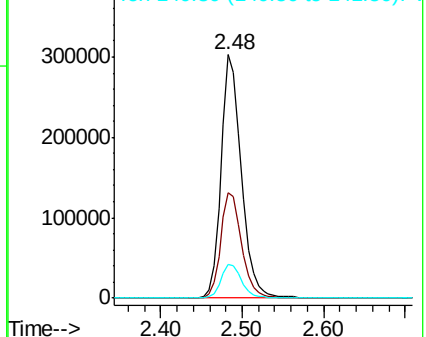
141 14.3 11.6 17.4

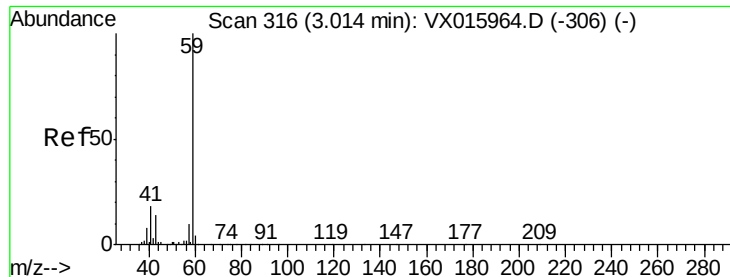


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



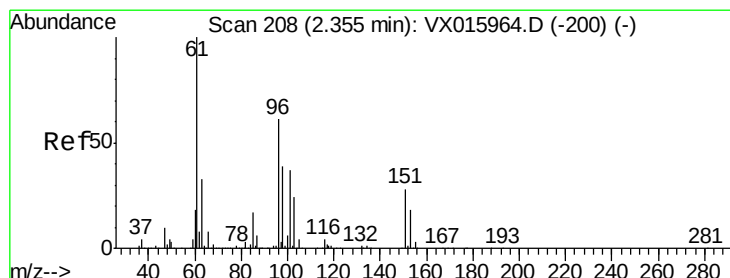
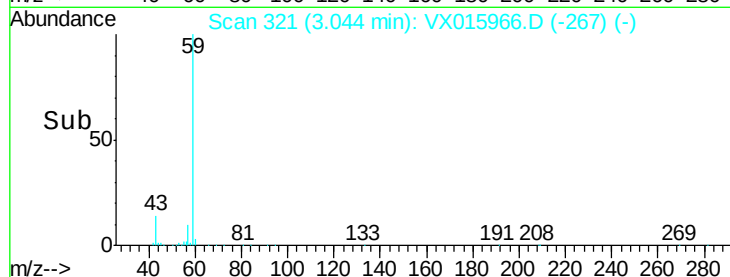
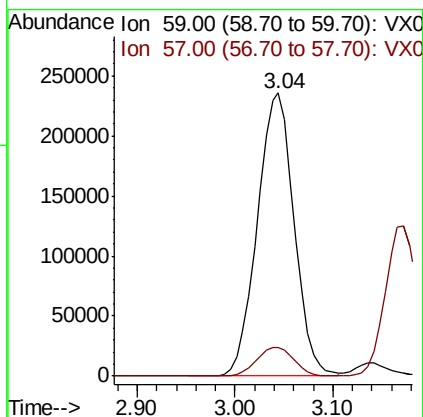
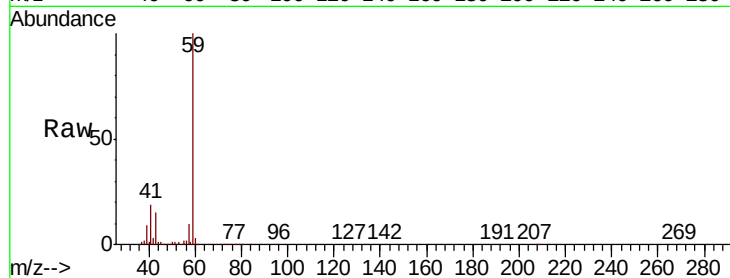


#11

Tert butyl alcohol
Concen: 766.115 ug/l
RT: 3.04 min Scan# 321
Delta R.T. 0.03 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

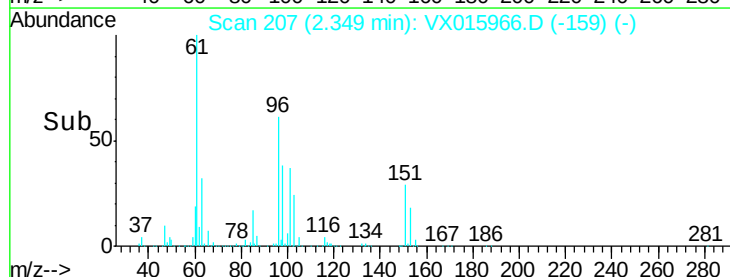
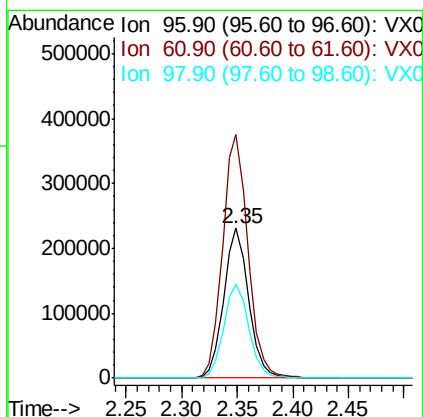
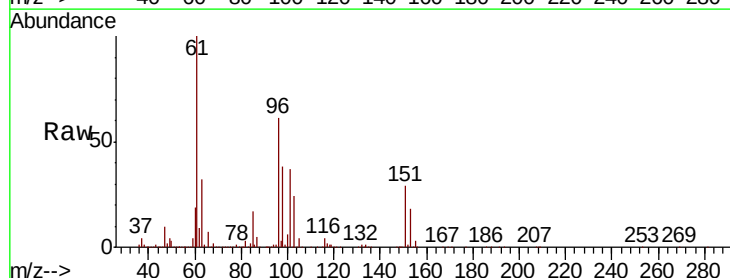
Tot Ion: 59 Resp: 618190
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

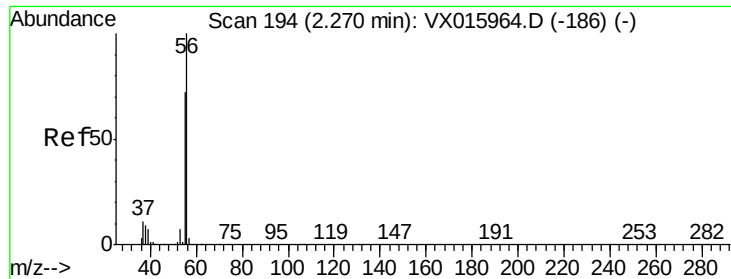


#12

1,1-Dichloroethene
Concen: 146.320 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

Tgt Ion: 96 Resp: 355931
Ion Ratio Lower Upper
96 100
61 162.7 131.0 196.4
98 62.6 50.7 76.1

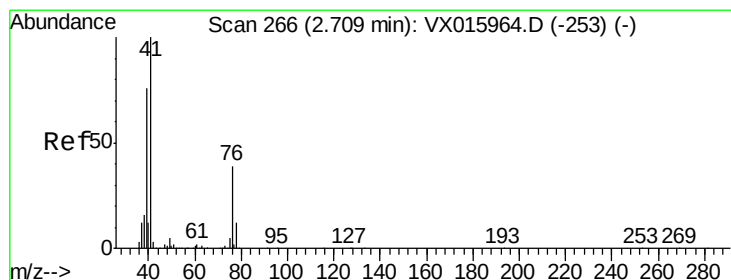
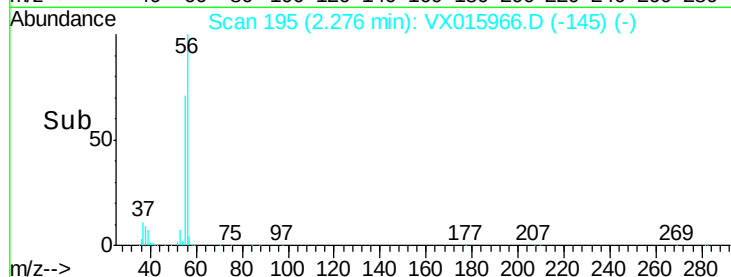
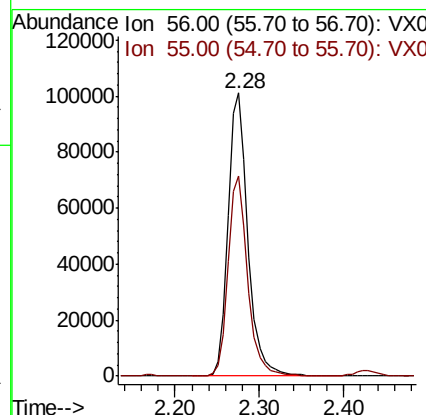
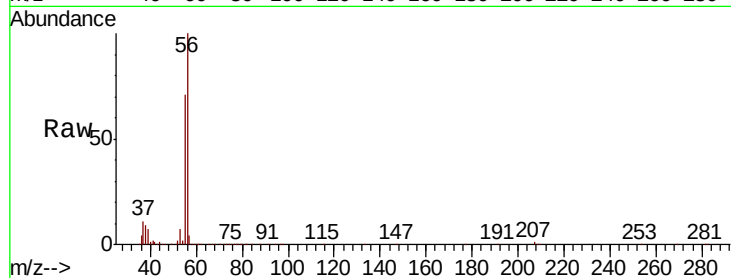




#13
Acrolein
Concen: 801.895 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

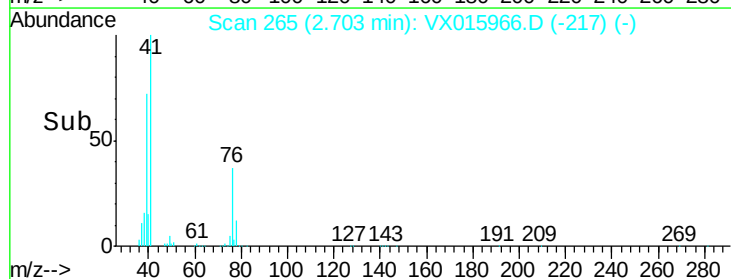
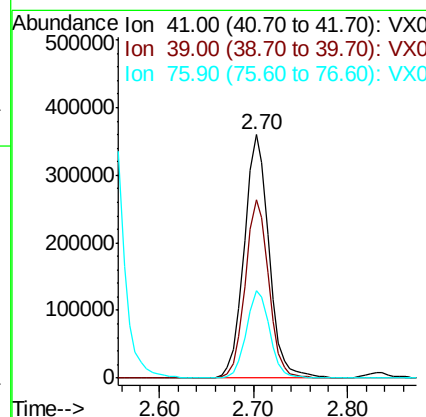
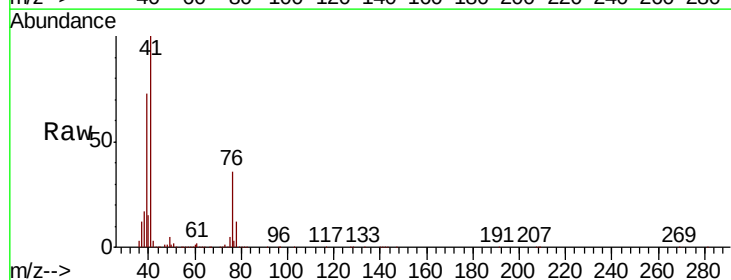
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

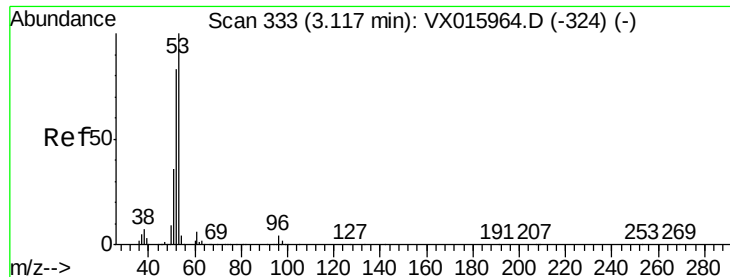
Tot Ion: 56 Resp: 162613
Ion Ratio Lower Upper
56 100
55 69.6 56.9 85.3



#14
Allyl chloride
Concen: 150.975 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

Tgt Ion: 41 Resp: 662220
Ion Ratio Lower Upper
41 100
39 69.5 55.4 83.0
76 33.8 27.1 40.7





#15

Acrylonitrile

Concen: 756.365 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

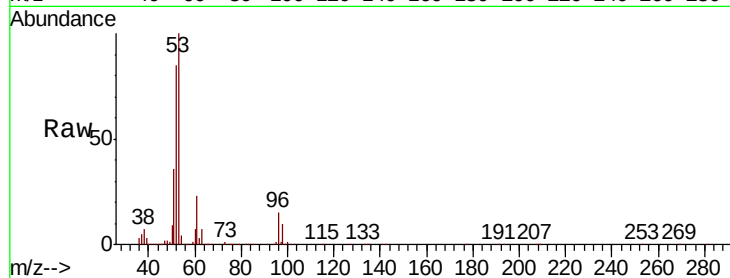
Tot Ion: 53 Resp: 1210152

Ion Ratio Lower Upper

53 100

52 82.8 65.5 98.3

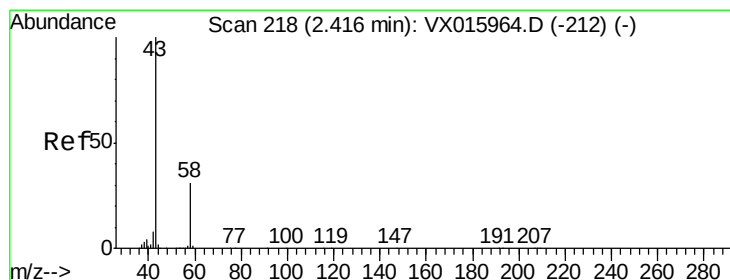
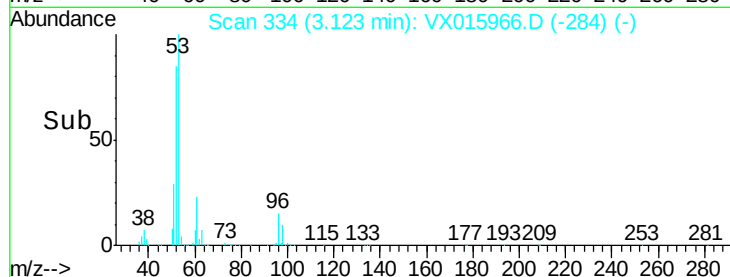
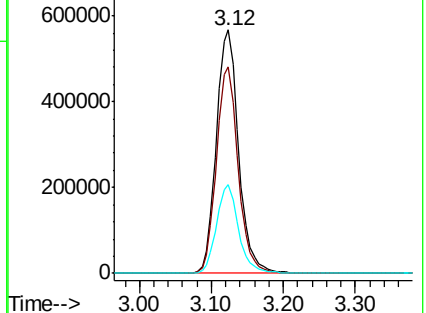
51 36.2 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 740.375 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX015966.D

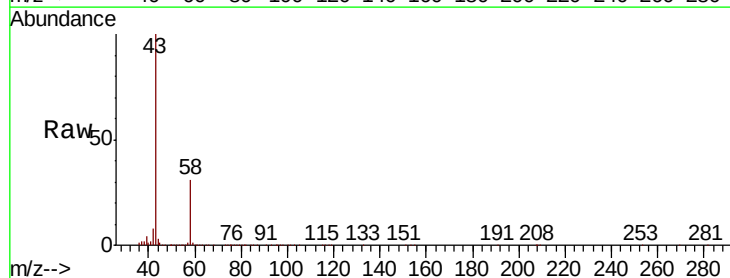
Acq: 28 Apr 2020 16:54

Tgt Ion: 43 Resp: 1052426

Ion Ratio Lower Upper

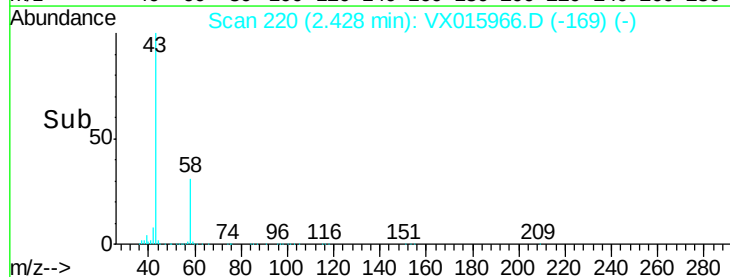
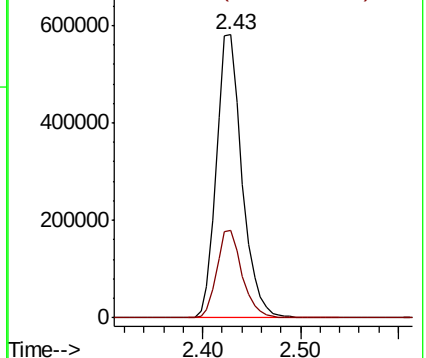
43 100

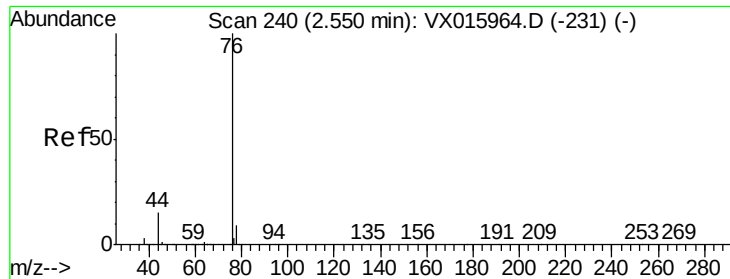
58 31.0 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

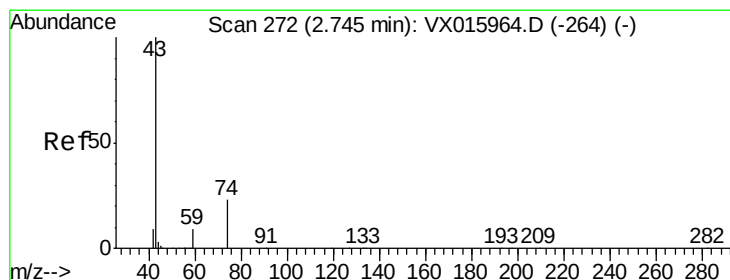
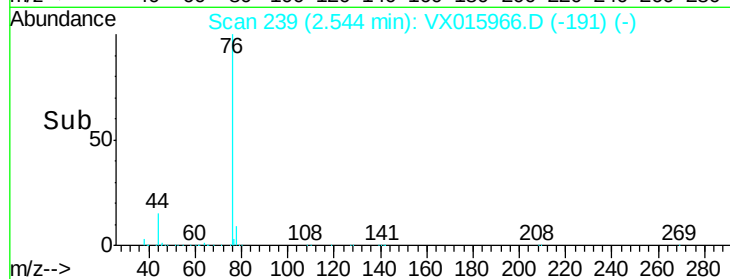
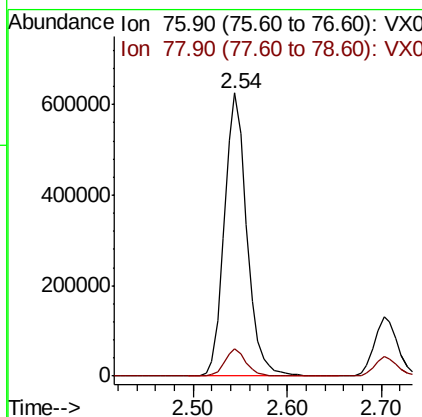
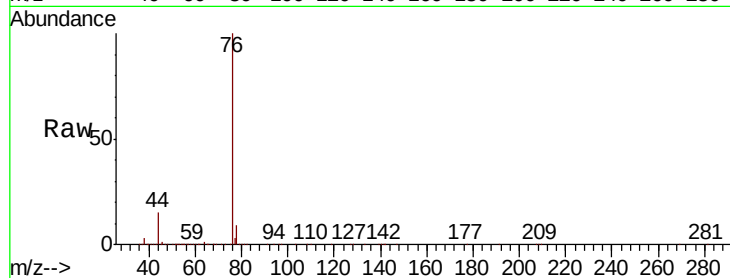




#17
Carbon Disulfide
Concen: 132.866 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

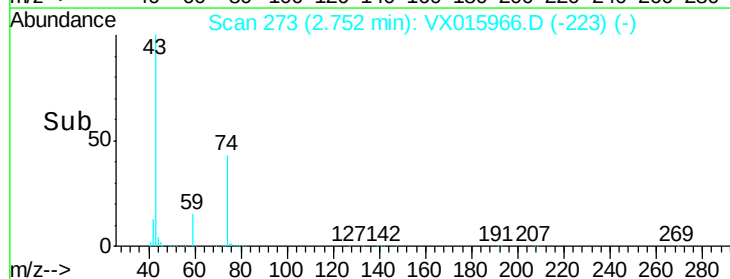
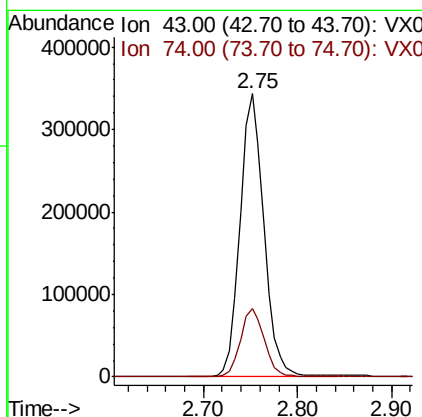
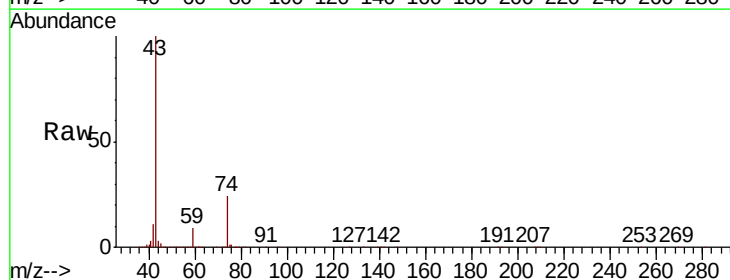
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

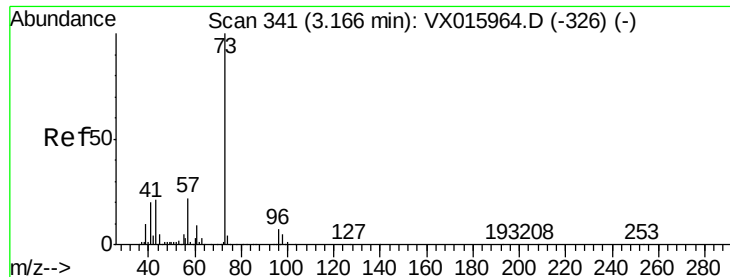
Tot Ion: 76 Resp: 1035204
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 150.004 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

Tgt Ion: 43 Resp: 605079
Ion Ratio Lower Upper
43 100
74 24.7 19.6 29.4



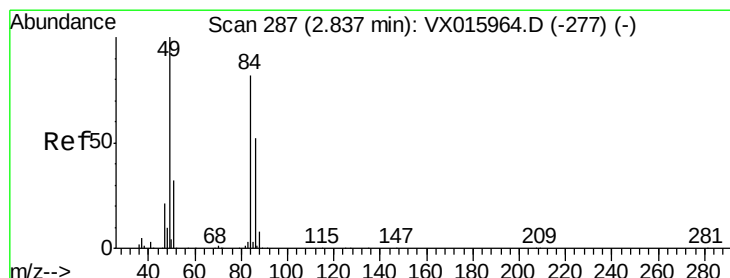
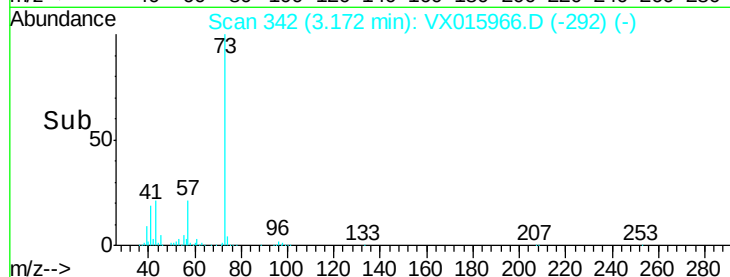
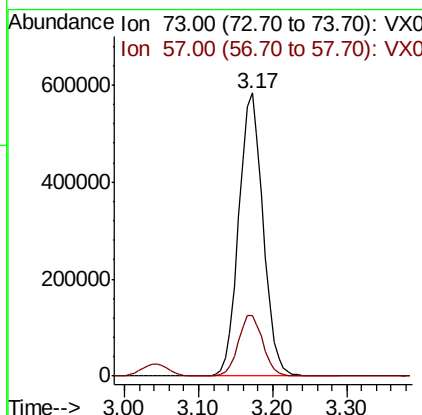
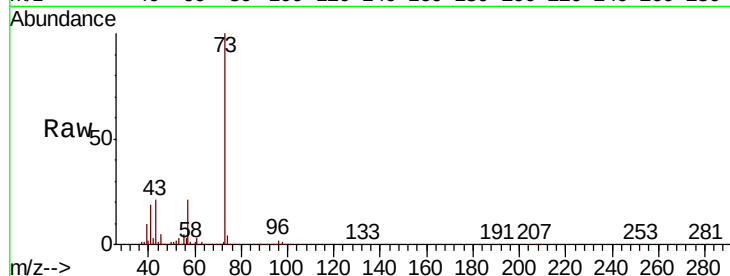


#19

Methyl tert-butyl Ether
 Concen: 151.922 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 16:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

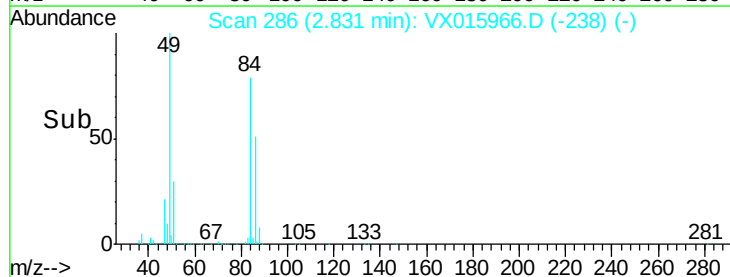
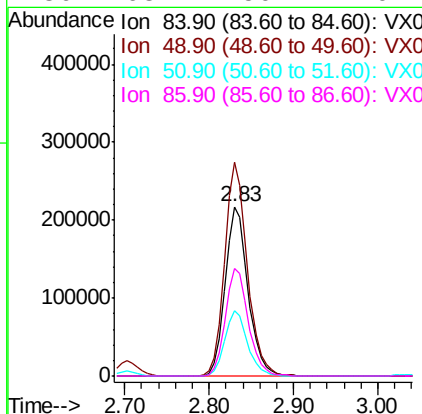
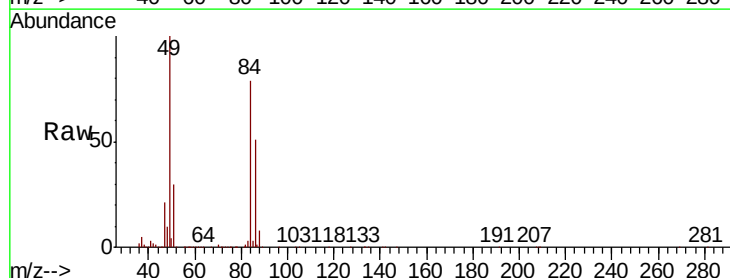
Tot Ion: 73 Resp: 1336628
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.5 26.3

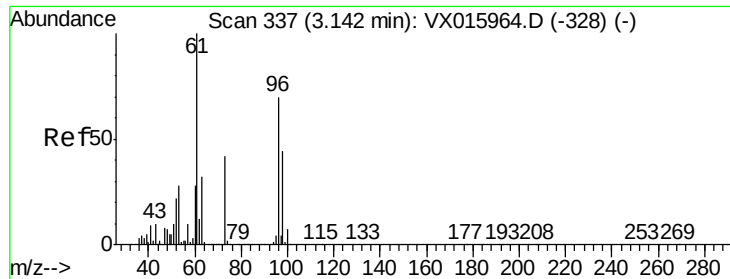


#20

Methylene Chloride
 Concen: 143.771 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 16:54

Tgt Ion: 84 Resp: 404565
 Ion Ratio Lower Upper
 84 100
 49 126.0 97.9 146.9
 51 38.2 31.2 46.8
 86 63.7 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 145.734 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

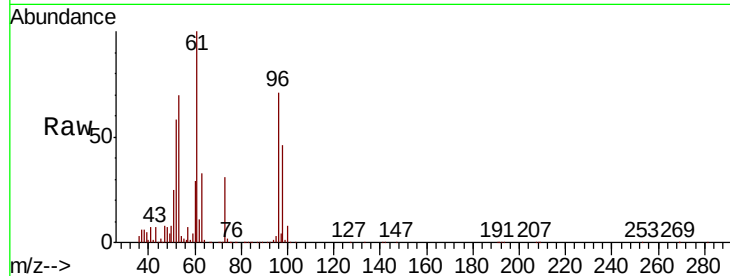
Tot Ion: 96 Resp: 399527

Ion Ratio Lower Upper

96 100

61 140.2 113.6 170.4

98 64.1 50.3 75.5

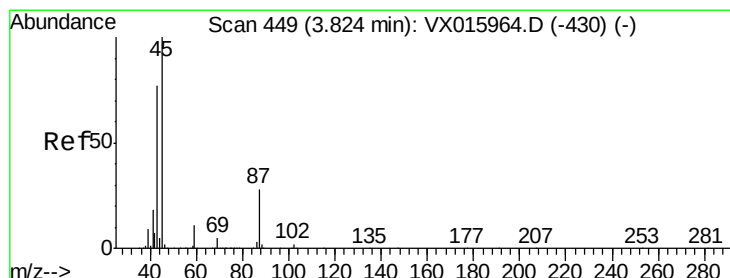
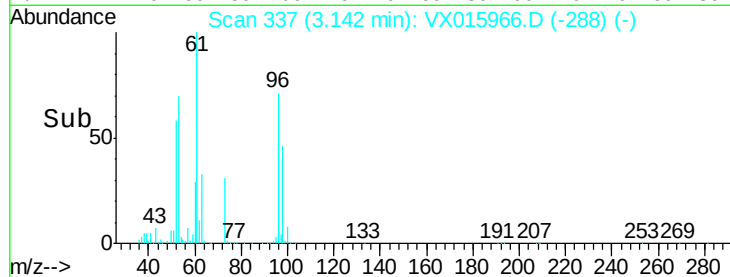
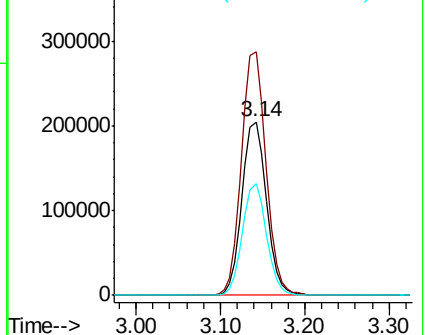


Abundance

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: 152.596 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Tgt Ion: 45 Resp: 1315915

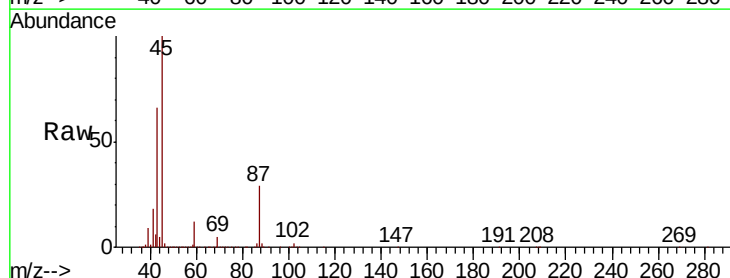
Ion Ratio Lower Upper

45 100

43 65.7 61.3 91.9

87 29.0 22.6 33.8

59 12.2 9.0 13.6



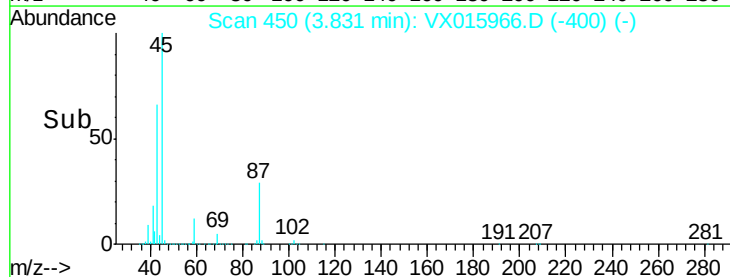
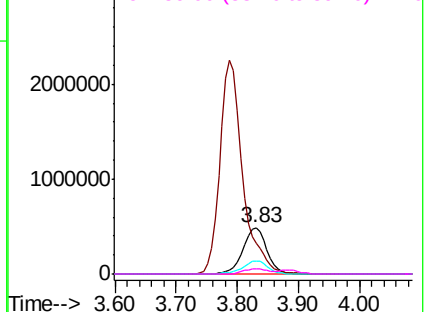
Abundance

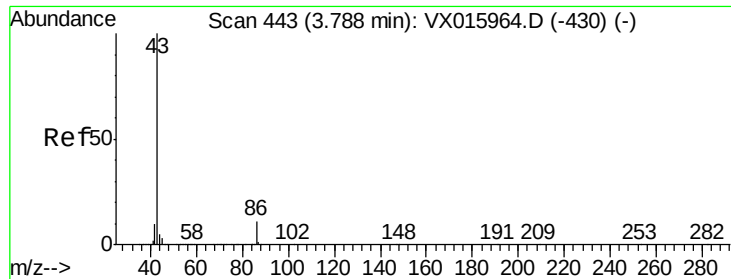
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 777.685 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

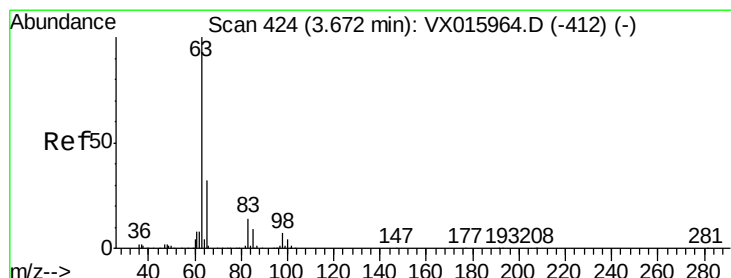
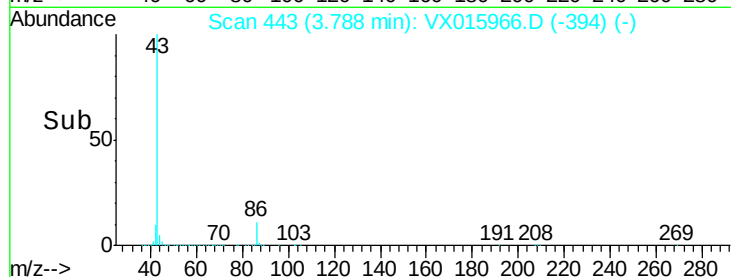
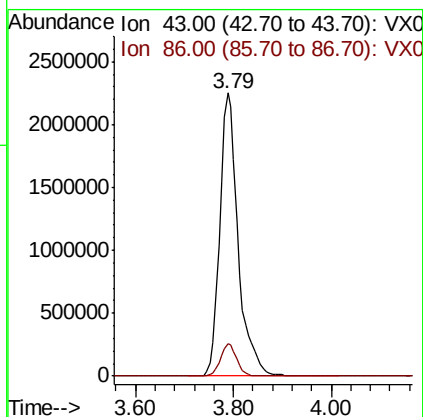
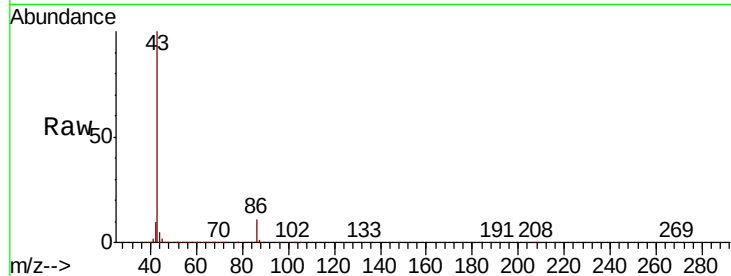
VSTDIC150

Tot Ion: 43 Resp: 5825674

Ion Ratio Lower Upper

43 100

86 11.3 8.9 13.3



#24

1,1-Dichloroethane

Concen: 150.869 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

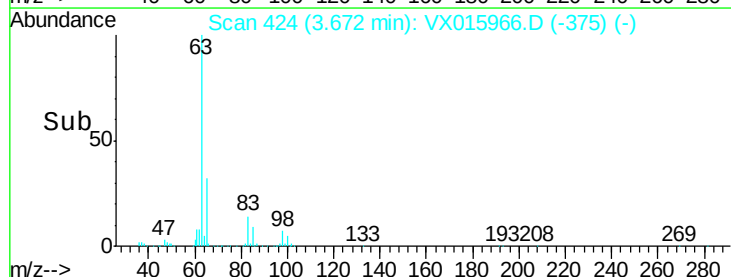
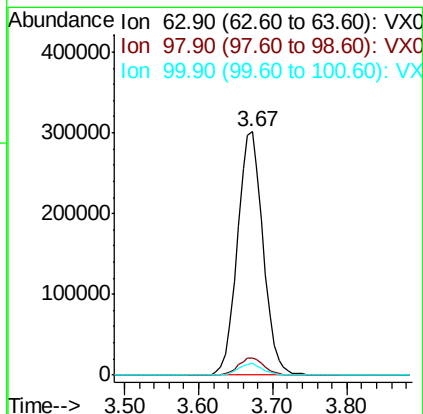
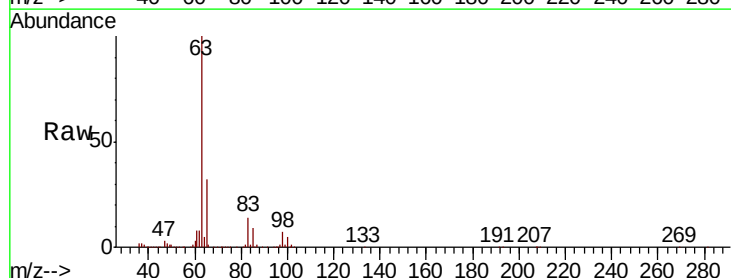
Tgt Ion: 63 Resp: 724751

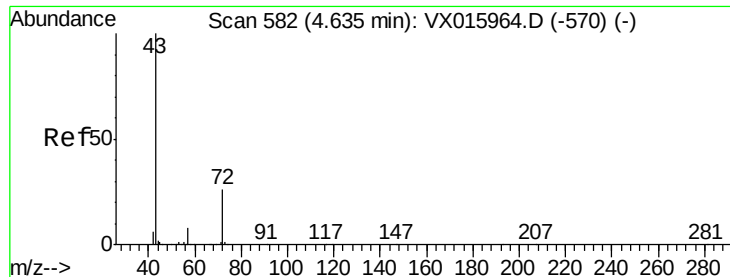
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 762.407 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

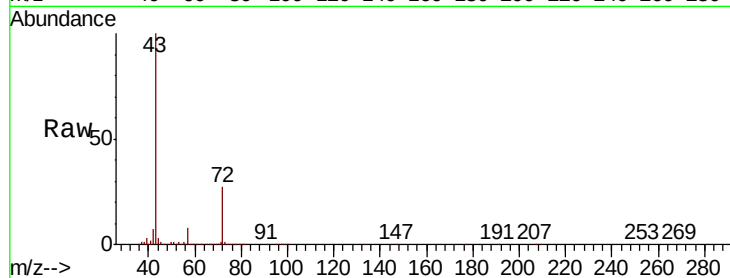
VSTDIC150

Tot Ion: 43 Resp: 1756190

Ion Ratio Lower Upper

43 100

72 27.1 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

600000

500000

400000

300000

200000

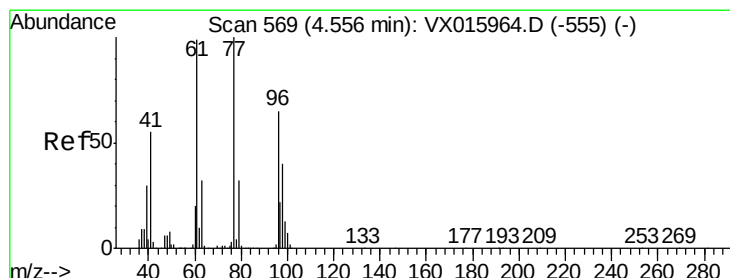
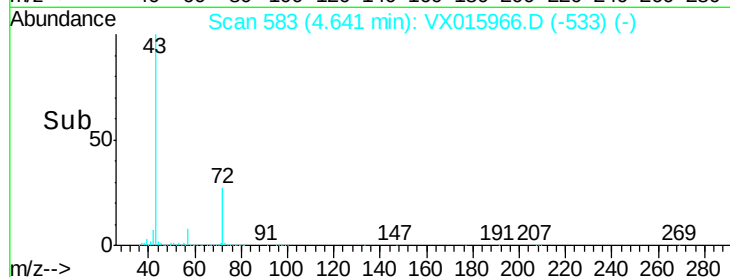
100000

0

4.64

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 149.165 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX015966.D

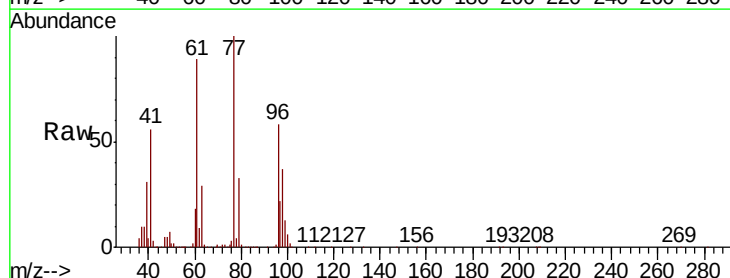
Acq: 28 Apr 2020 16:54

Tgt Ion: 77 Resp: 655179

Ion Ratio Lower Upper

77 100

97 22.0 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

250000

200000

150000

100000

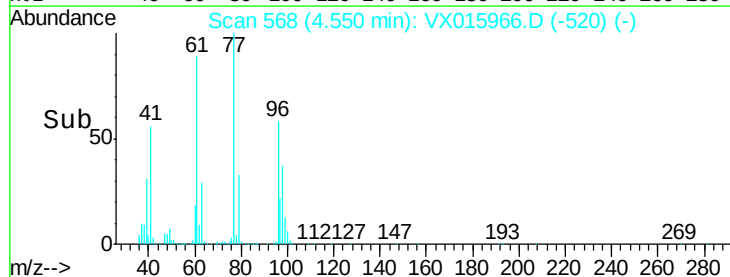
50000

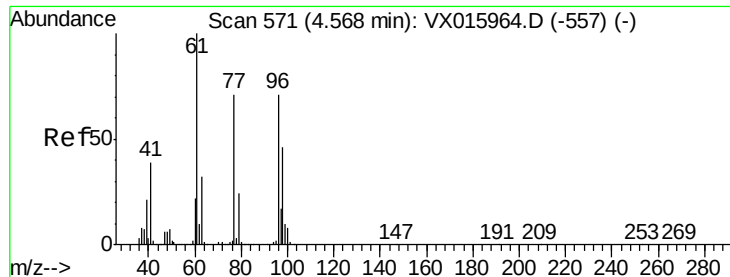
0

4.55

4.40 4.50 4.60 4.70

Time-->



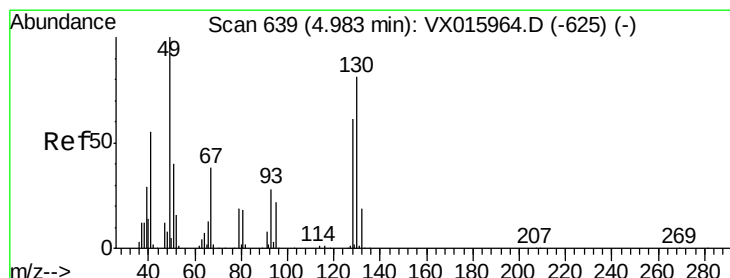
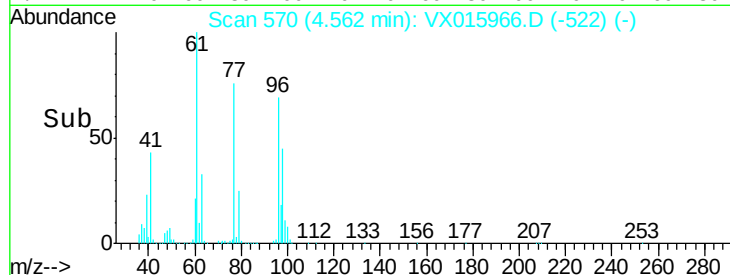
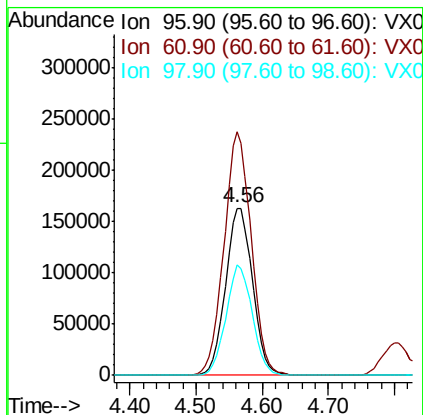
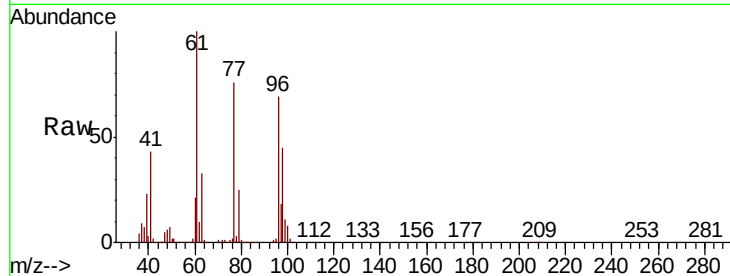


#27

cis-1,2-Dichloroethene
Concen: 147.530 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

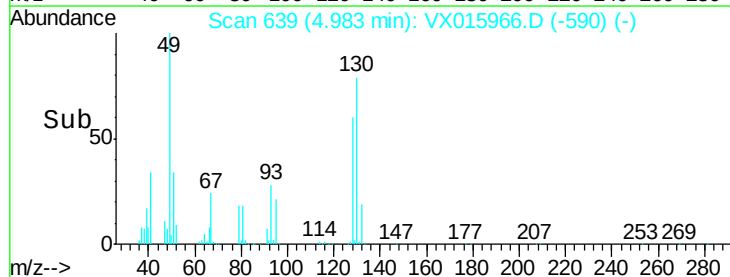
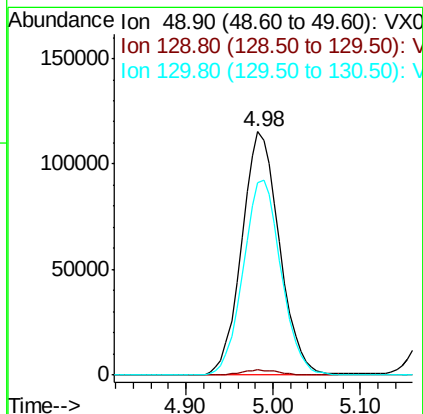
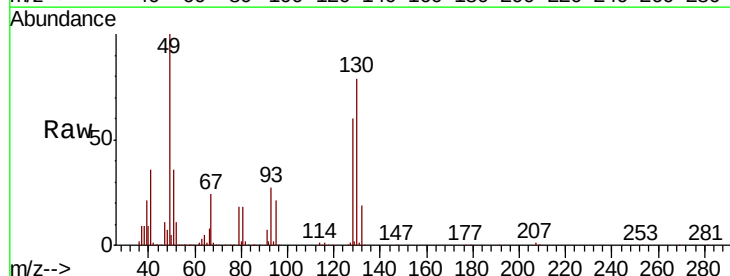
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	294.2
98	64.5	0.0	127.4

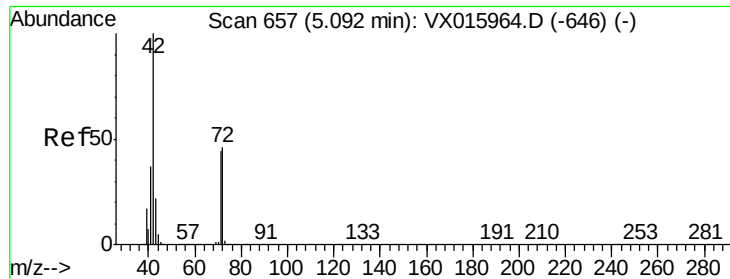


#28

Bromochloromethane
Concen: 148.423 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	80.6	63.9	95.9





#29

Tetrahydrofuran

Concen: 754.810 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

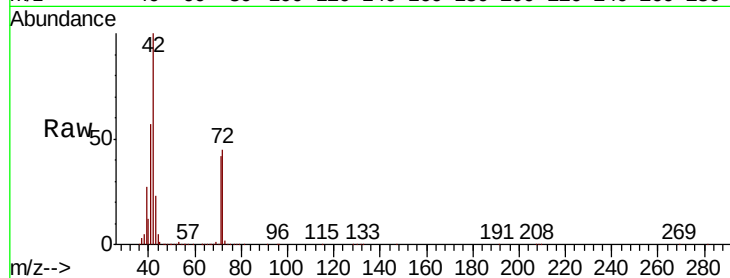
Tot Ion: 42 Resp: 1139462

Ion Ratio Lower Upper

42 100

72 46.6 37.4 56.0

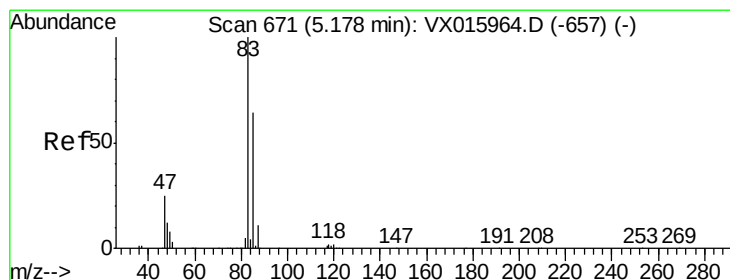
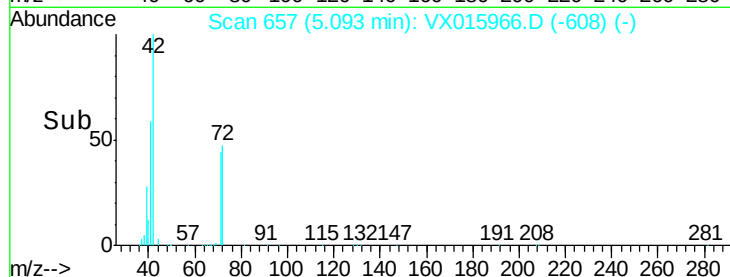
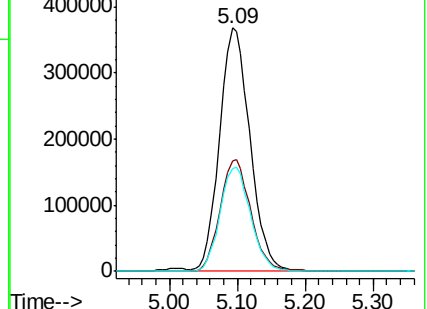
71 43.3 34.6 52.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 150.210 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX015966.D

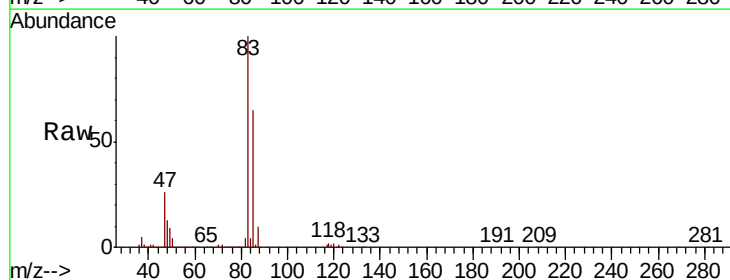
Acq: 28 Apr 2020 16:54

Tgt Ion: 83 Resp: 750343

Ion Ratio Lower Upper

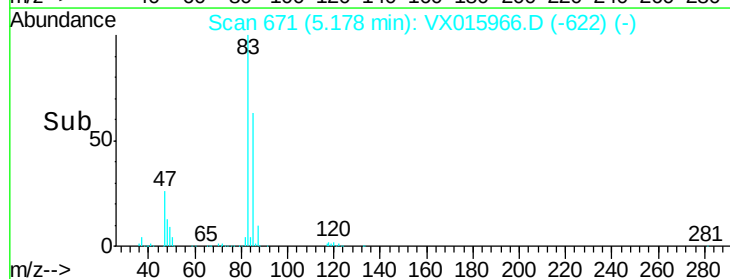
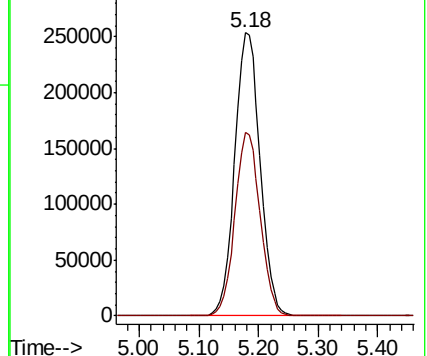
83 100

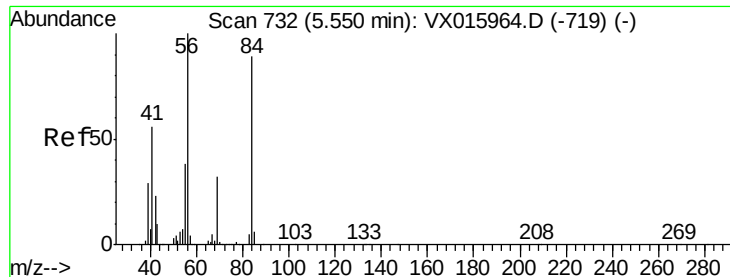
85 64.9 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 148.248 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

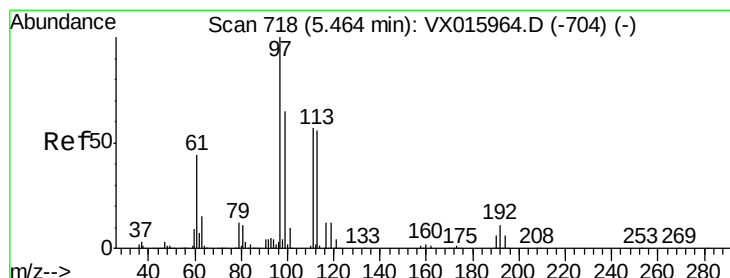
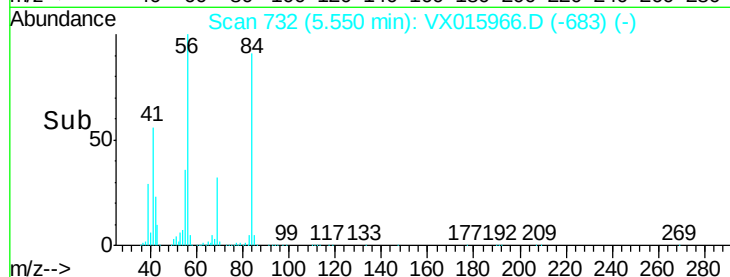
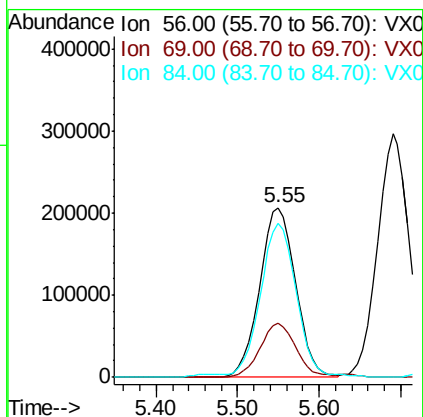
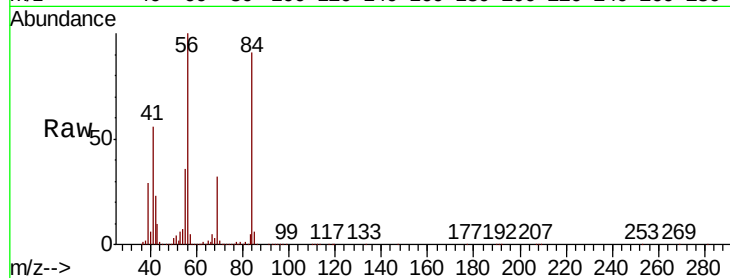
Tot Ion: 56 Resp: 634002

Ion Ratio Lower Upper

56 100

69 31.6 25.4 38.2

84 89.9 71.0 106.6



#32

1,1,1-Trichloroethane

Concen: 150.605 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

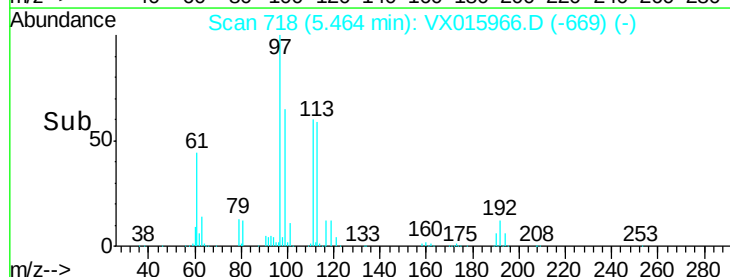
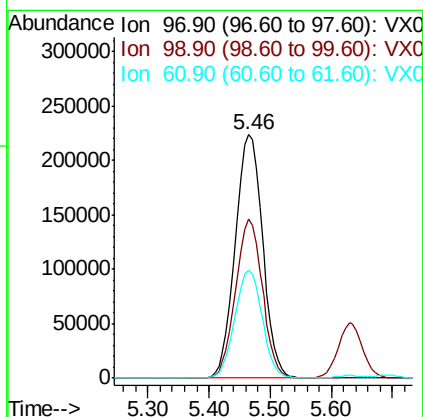
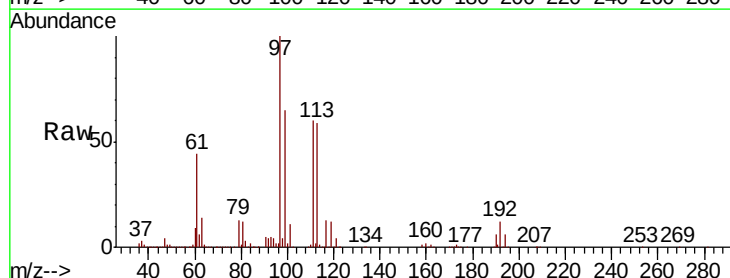
Tgt Ion: 97 Resp: 692676

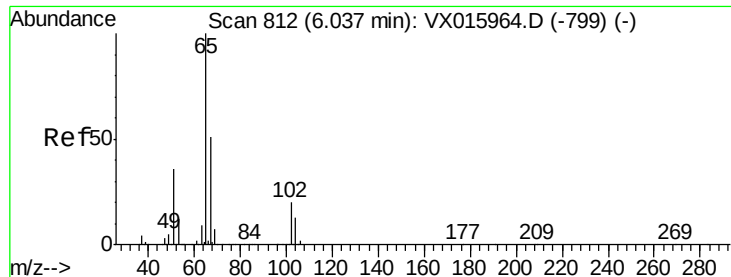
Ion Ratio Lower Upper

97 100

99 64.0 51.4 77.0

61 44.2 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 151.187 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

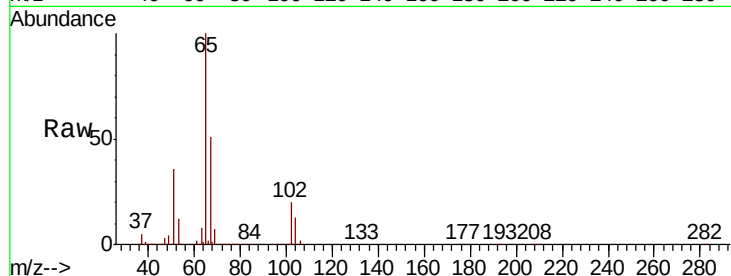
VSTDIC150

Tot Ion: 65 Resp: 502573

Ion Ratio Lower Upper

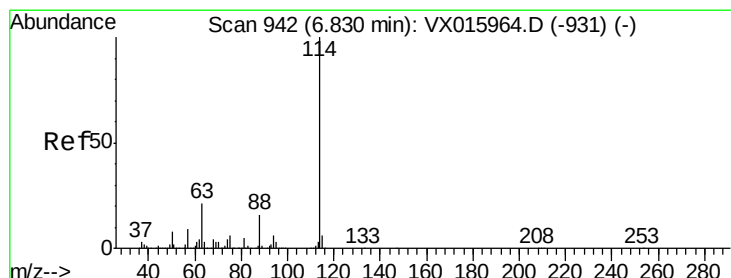
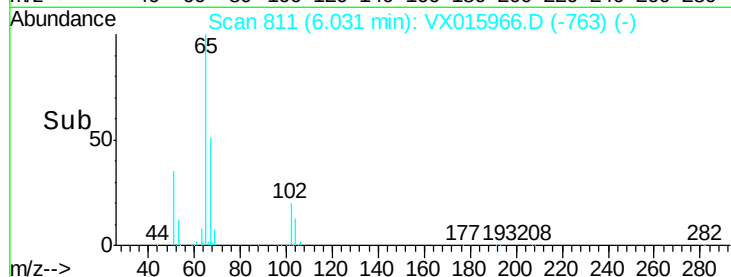
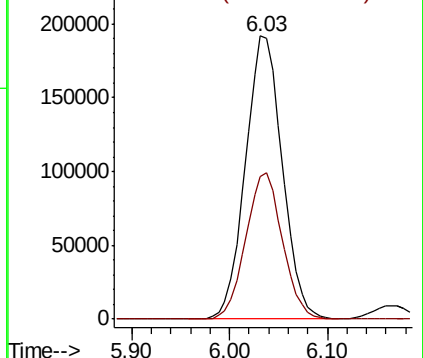
65 100

67 51.4 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

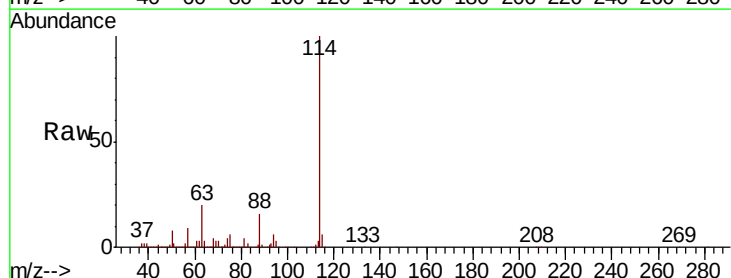
Tgt Ion: 114 Resp: 405754

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.2

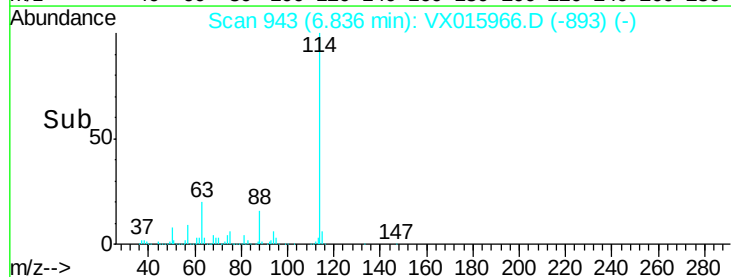
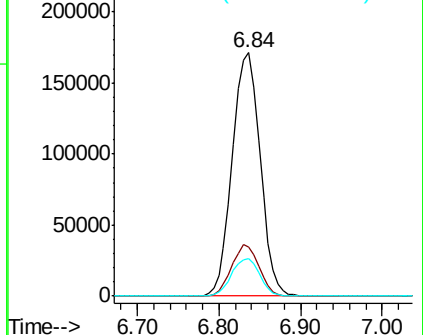
88 15.6 0.0 31.8

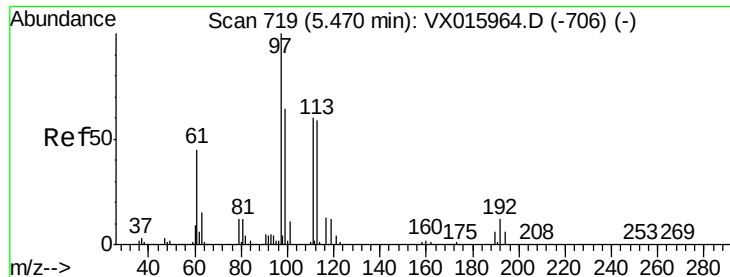


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

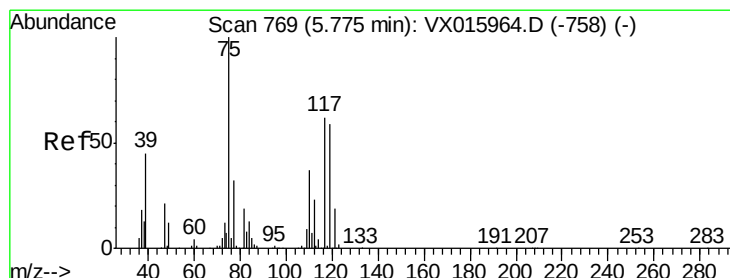
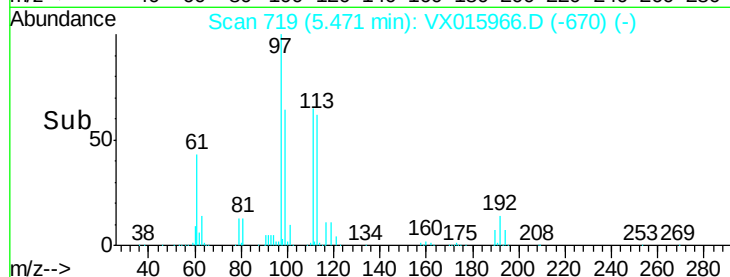
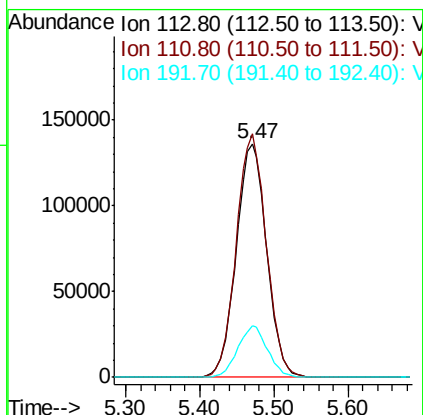
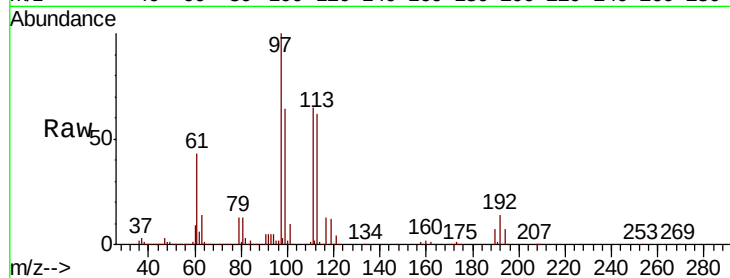




#35
 Dibromofluoromethane
 Concen: 154.269 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 16:54

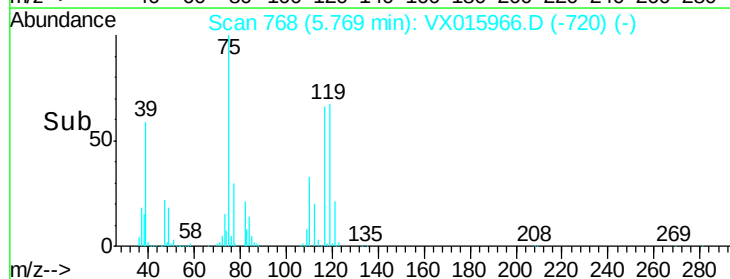
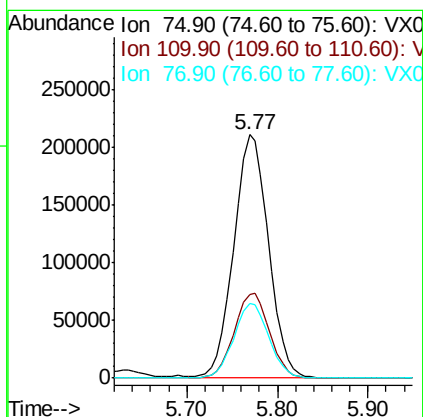
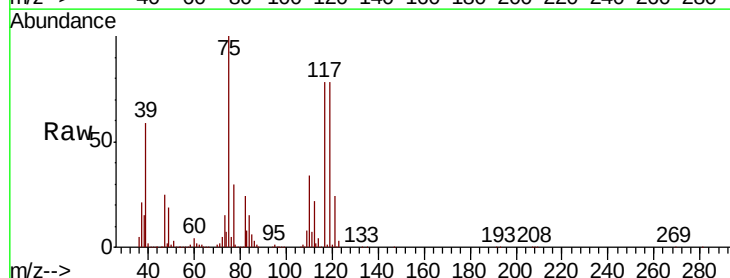
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

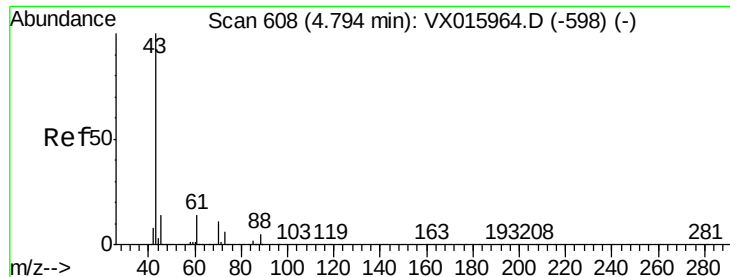
Tot Ion:113 Resp: 390473
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.8 122.8
 192 21.5 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 144.748 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 16:54

Tgt Ion: 75 Resp: 559389
 Ion Ratio Lower Upper
 75 100
 110 35.4 17.9 53.7
 77 30.8 25.2 37.8

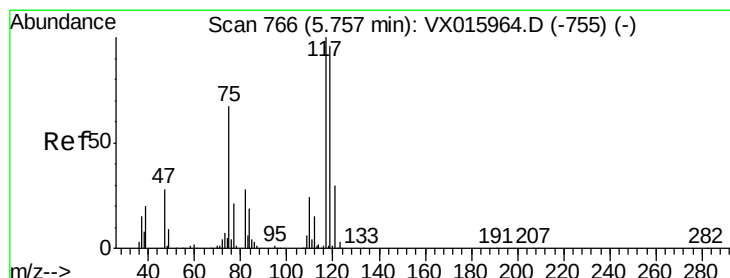
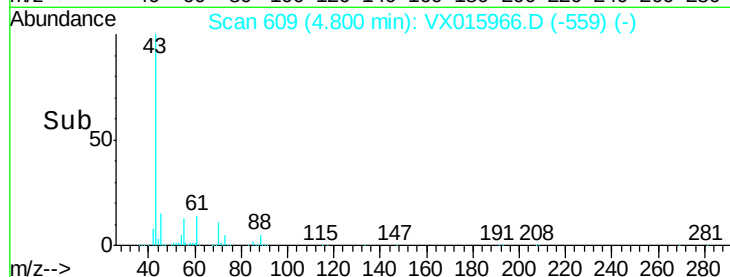
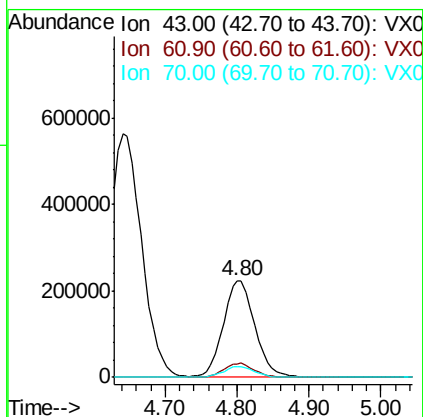
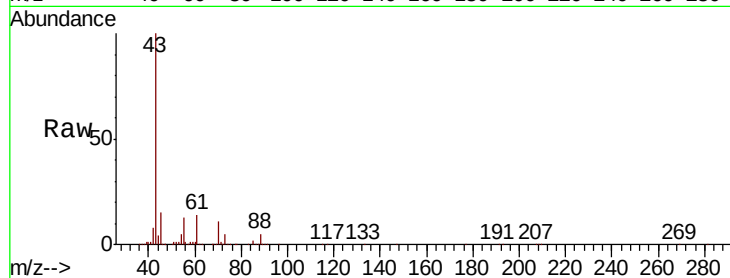




#37
Ethyl Acetate
Concen: 152.826 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

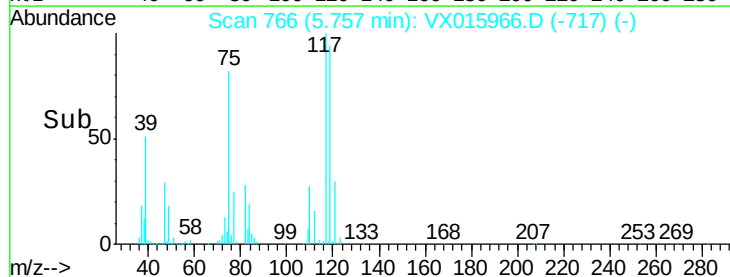
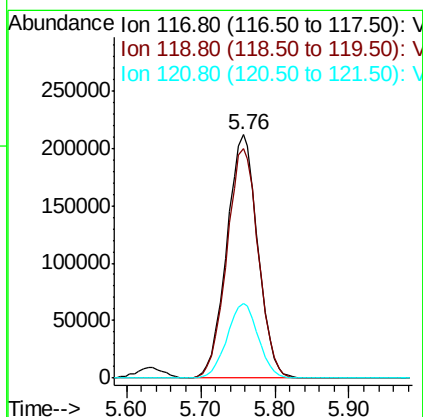
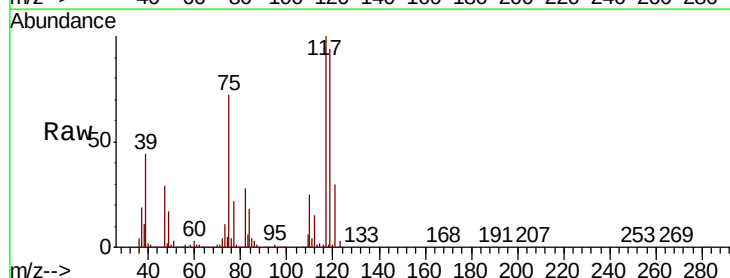
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

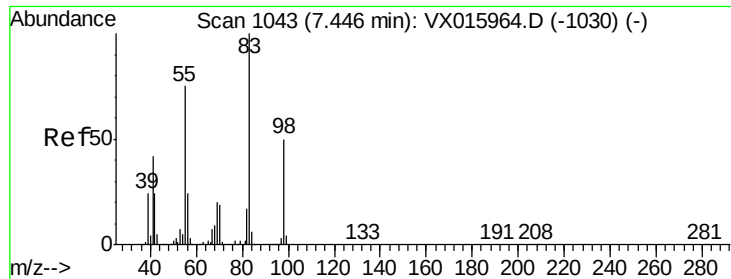
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.6	17.4
70	11.0	8.9	13.3



#38
Carbon Tetrachloride
Concen: 150.558 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.2	114.4
121	30.5	24.2	36.4

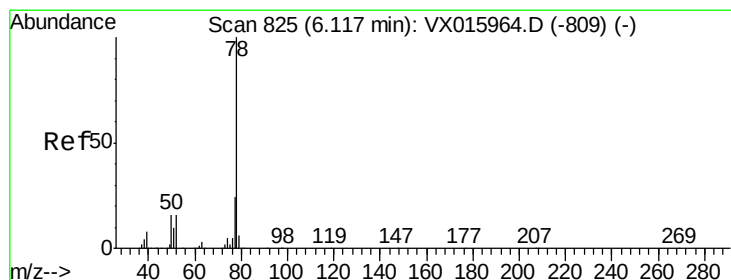
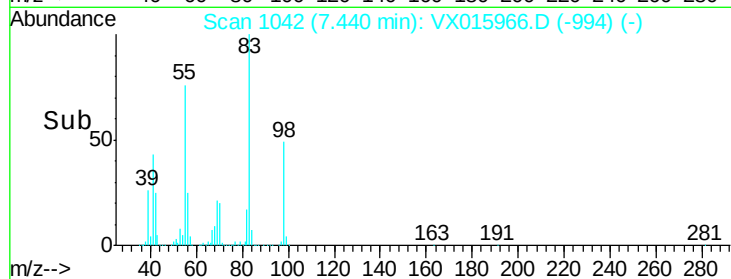
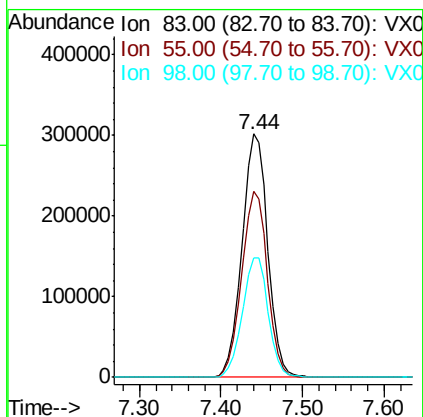
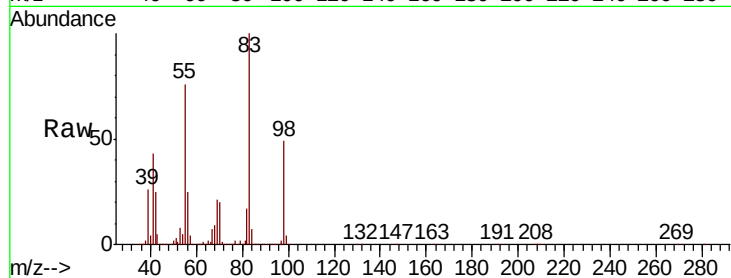




#39
Methylvlcyclohexane
Concen: 147.505 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

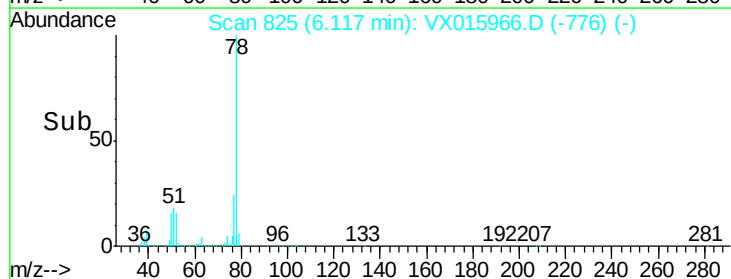
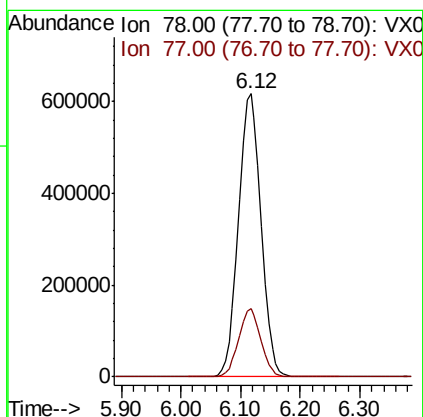
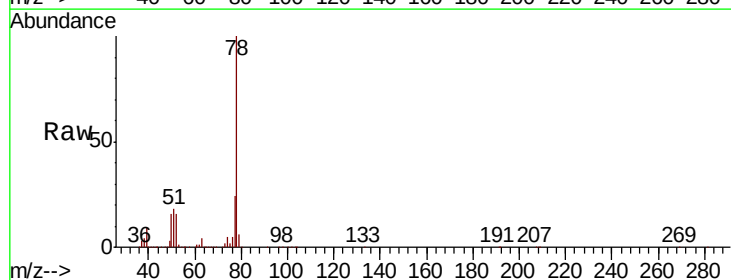
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

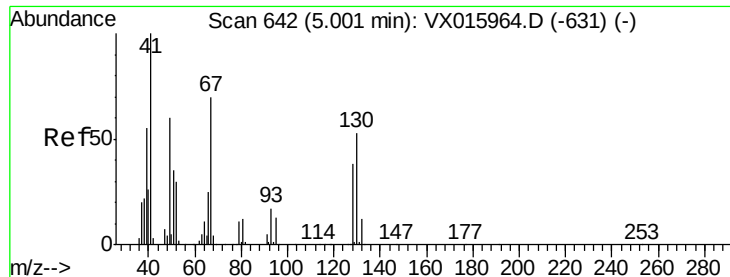
Tot Ion	83	Resp	659373
Ion Ratio	Lower	Upper	
83	100		
55	76.5	59.9	89.9
98	48.8	39.9	59.9



#40
Benzene
Concen: 147.480 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

Tgt Ion	78	Resp	1626210
Ion Ratio	Lower	Upper	
78	100		
77	24.0	18.8	28.2





#41

Methacrylonitrile

Concen: 152.516 ug/l

RT: 5.01 min Scan# 644

Delta R.T. 0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 361769

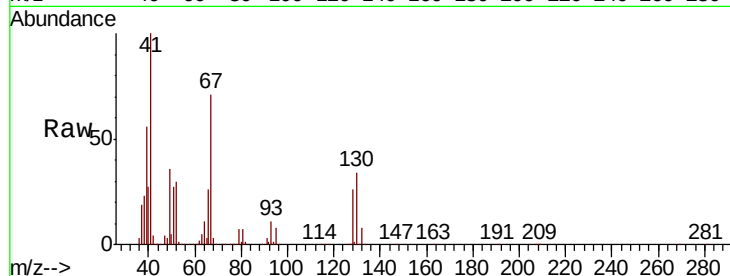
Ion Ratio Lower Upper

41 100

39 56.9 45.2 67.8

67 73.7 59.4 89.2

52 31.1 25.4 38.0

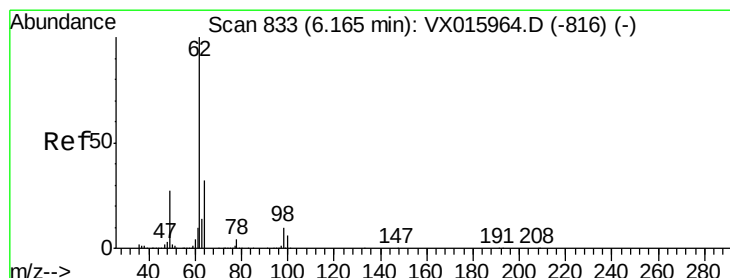
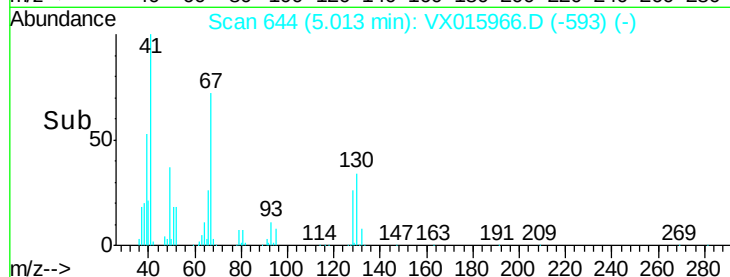
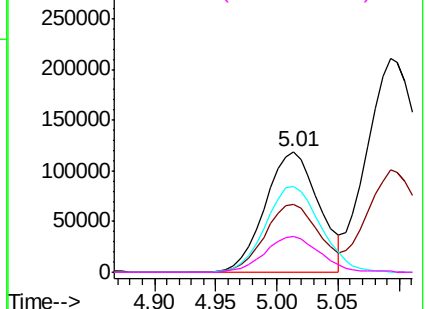


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 146.629 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX015966.D

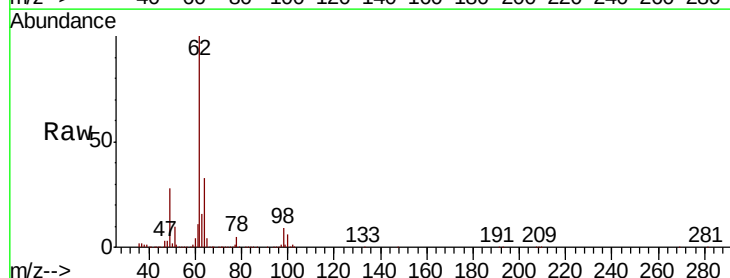
Acq: 28 Apr 2020 16:54

Tgt Ion: 62 Resp: 626467

Ion Ratio Lower Upper

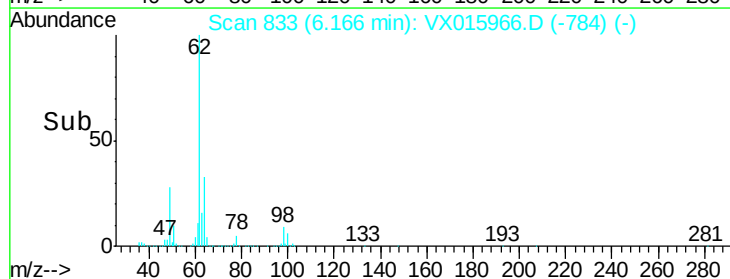
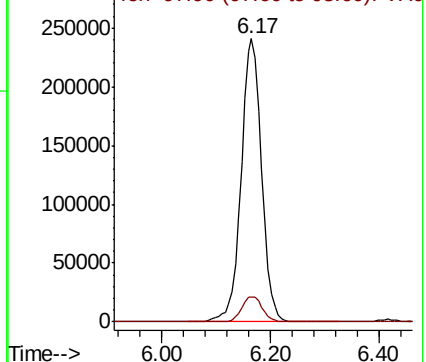
62 100

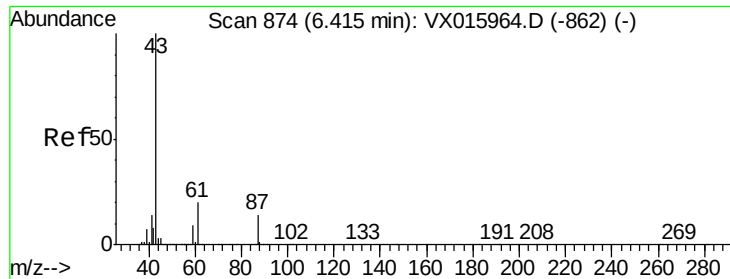
98 9.1 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 152.593 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

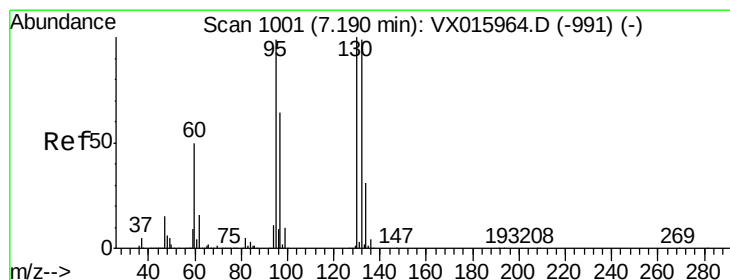
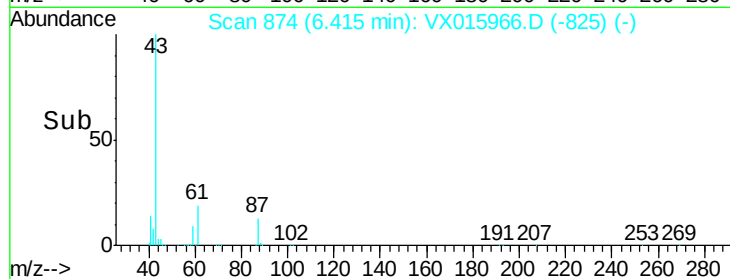
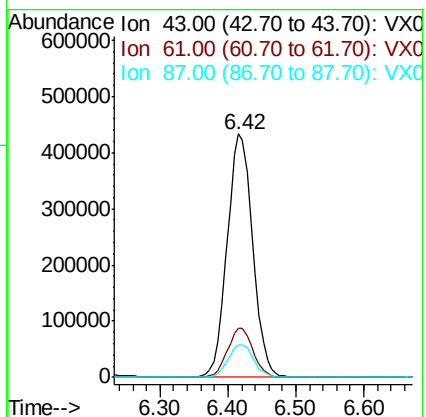
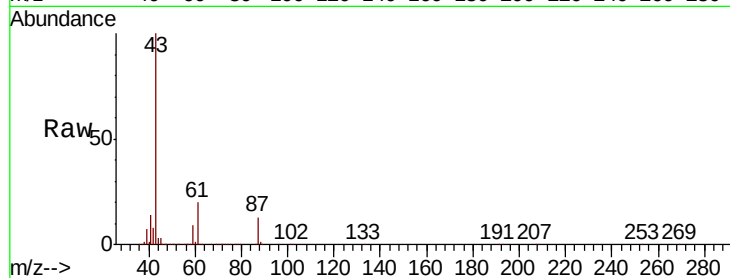
Tot Ion: 43 Resp: 1119753

Ion Ratio Lower Upper

43 100

61 20.1 16.1 24.1

87 13.5 10.9 16.3



#44

Trichloroethene

Concen: 135.081 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX015966.D

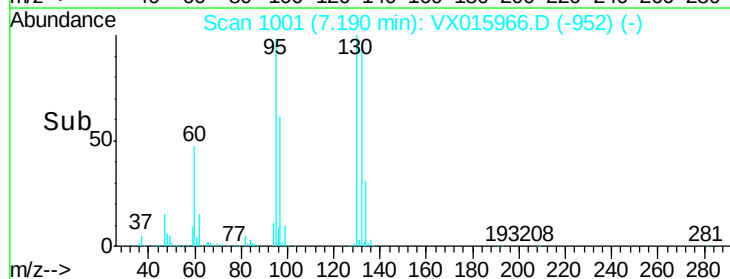
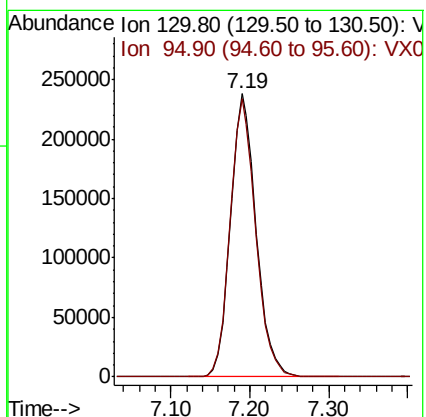
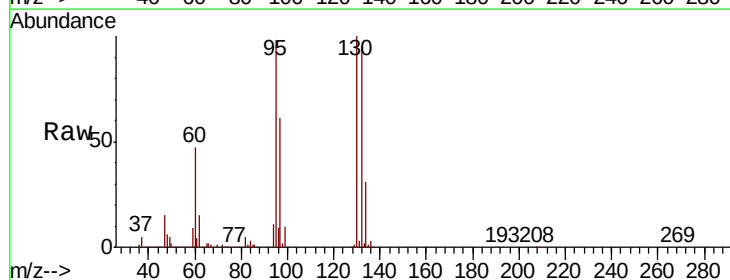
Acq: 28 Apr 2020 16:54

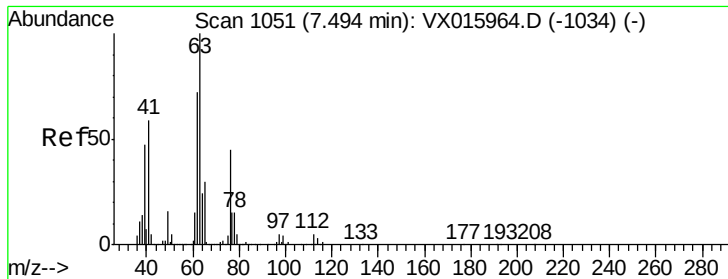
Tgt Ion: 130 Resp: 536877

Ion Ratio Lower Upper

130 100

95 98.2 0.0 197.4





#45

1,2-Dichloropropane

Concen: 146.946 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

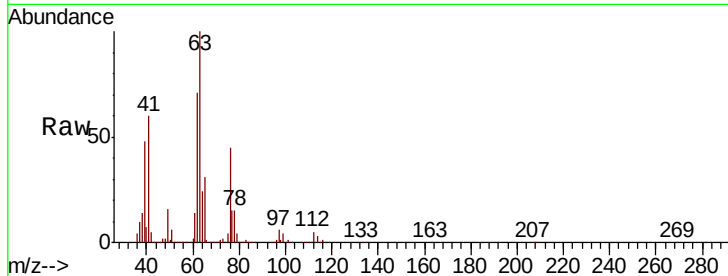
VSTDIC150

Tot Ion: 63 Resp: 418760

Ion Ratio Lower Upper

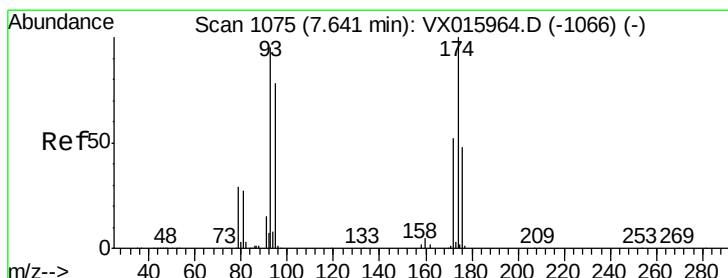
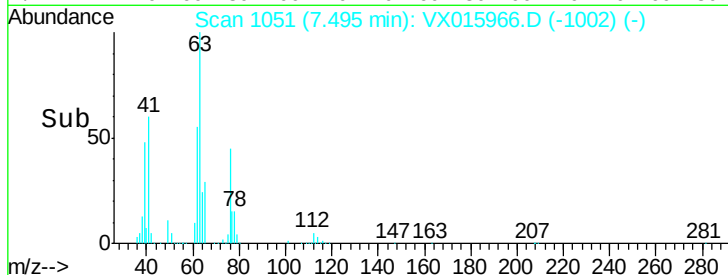
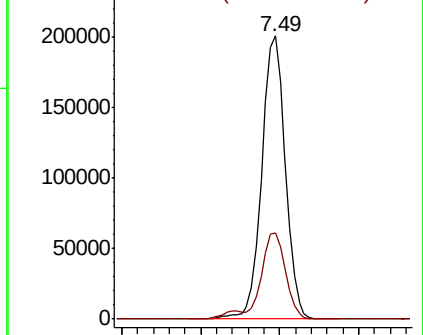
63 100

65 30.5 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 148.723 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

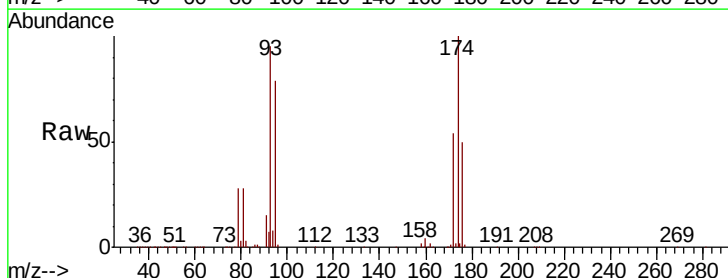
Tgt Ion: 93 Resp: 301156

Ion Ratio Lower Upper

93 100

95 82.9 65.5 98.3

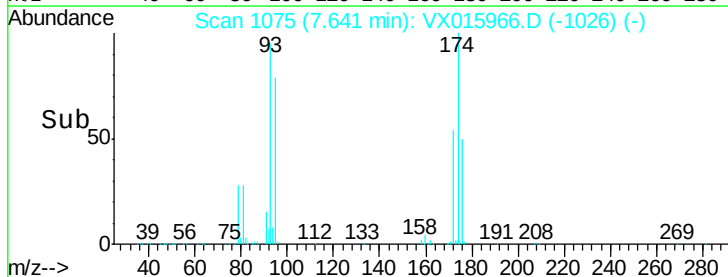
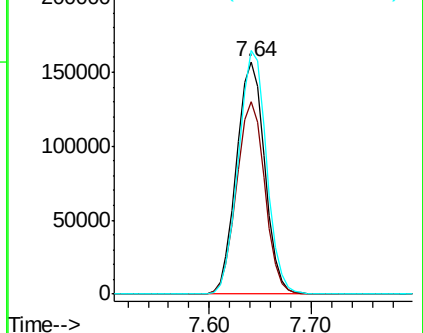
174 104.8 82.7 124.1

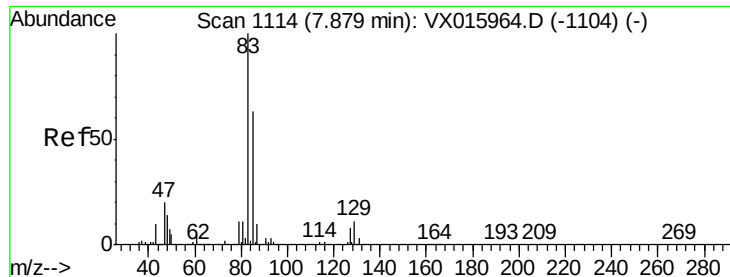


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 154.259 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

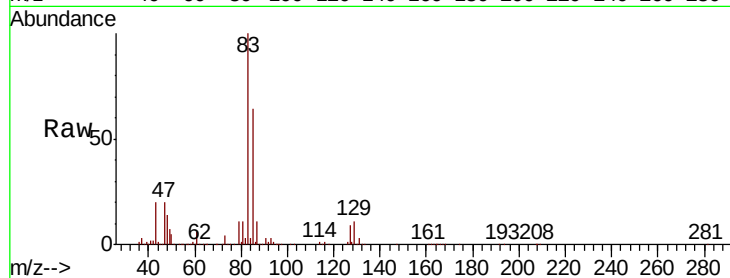
Tot Ion: 83 Resp: 620731

Ion Ratio Lower Upper

83 100

85 64.0 50.6 75.8

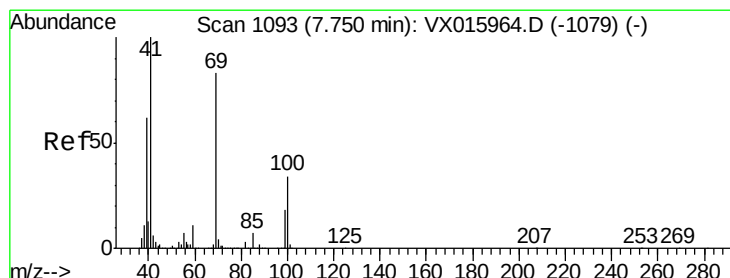
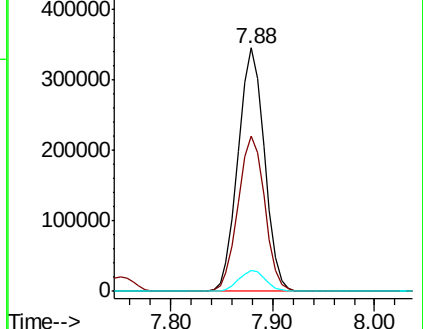
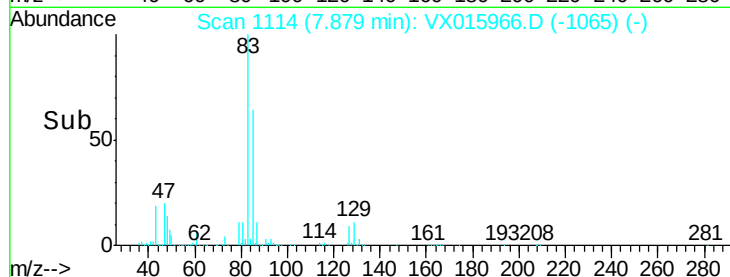
127 8.7 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 157.607 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

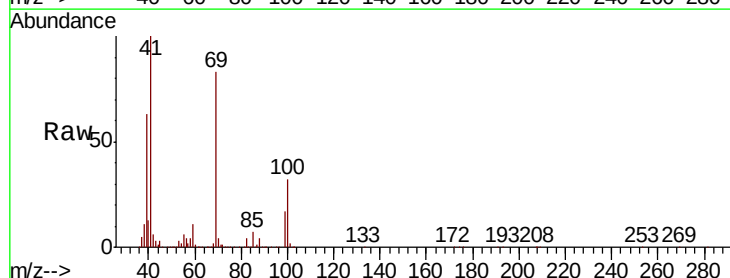
Tgt Ion: 41 Resp: 533980

Ion Ratio Lower Upper

41 100

69 83.3 66.0 99.0

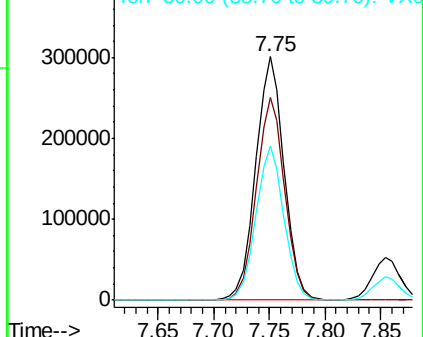
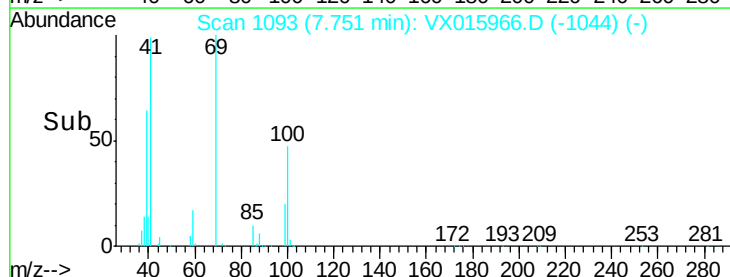
39 62.6 49.0 73.4

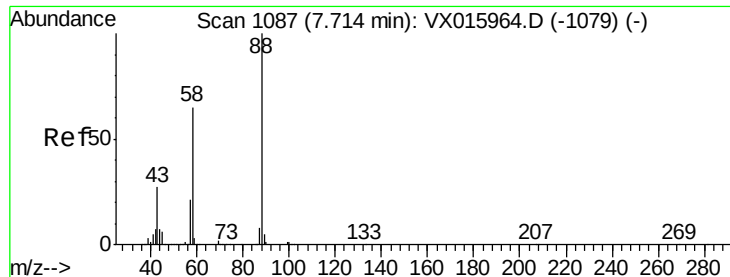


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 3005.740 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

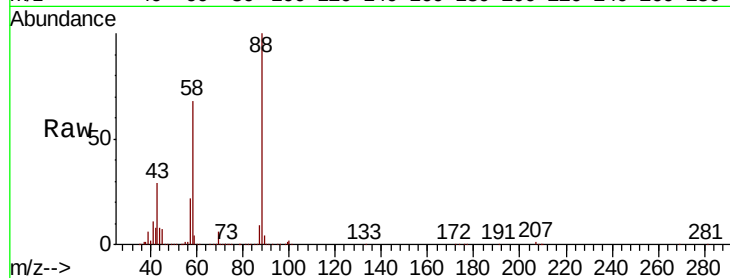
Tot Ion: 88 Resp: 239568

Ion Ratio Lower Upper

88 100

43 33.2 26.6 39.8

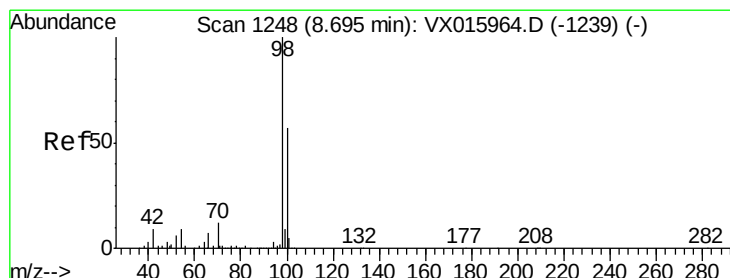
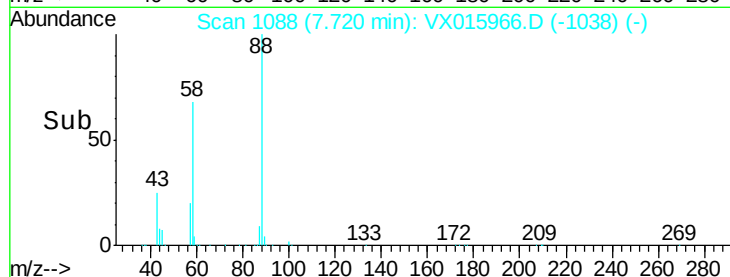
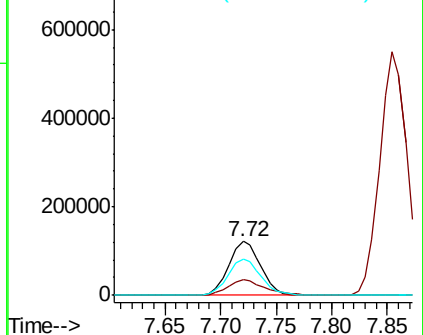
58 69.6 54.8 82.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 153.927 ug/l

RT: 8.70 min Scan# 1249

Delta R.T. 0.01 min

Lab File: VX015966.D

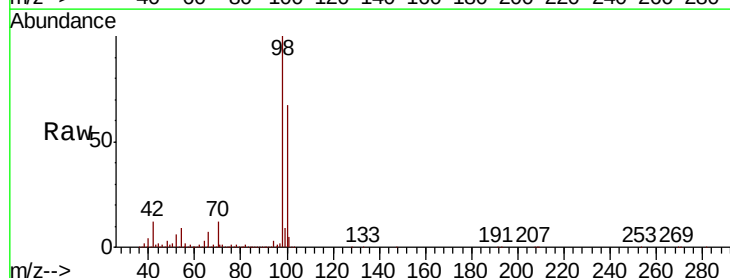
Acq: 28 Apr 2020 16:54

Tgt Ion: 98 Resp: 1456695

Ion Ratio Lower Upper

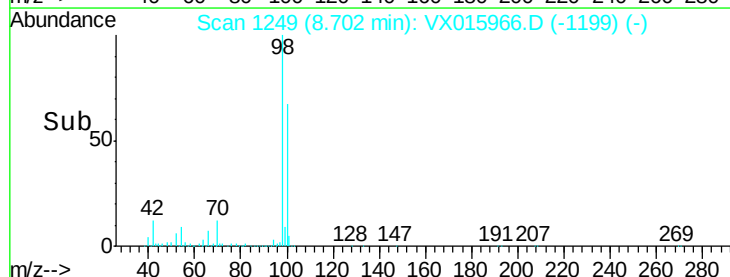
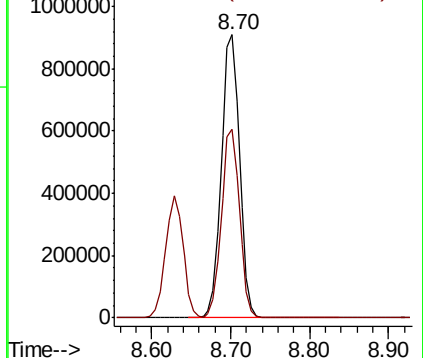
98 100

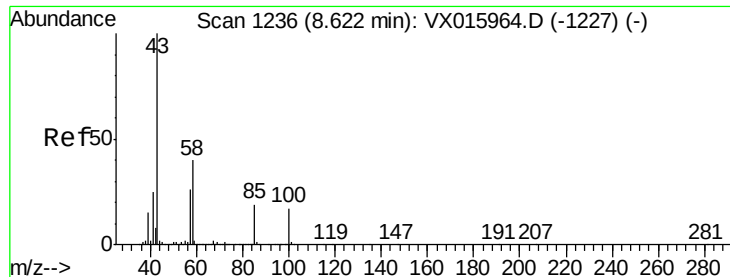
100 66.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

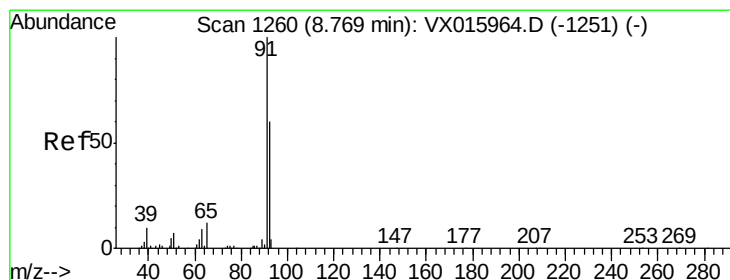
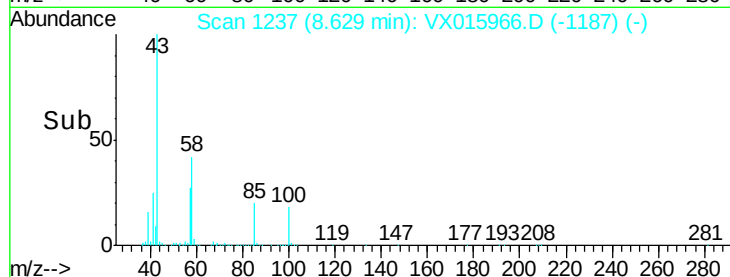
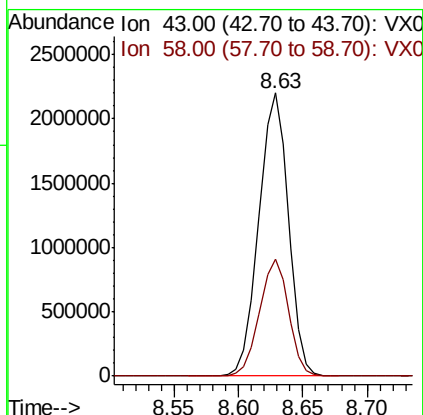
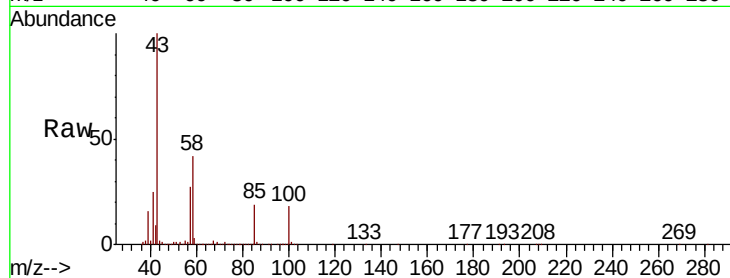




#51
 4-Methyl-2-Pentanone
 Concen: 783.406 ug/l
 RT: 8.63 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 16:54

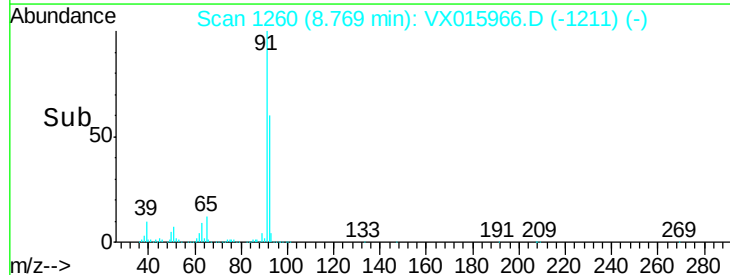
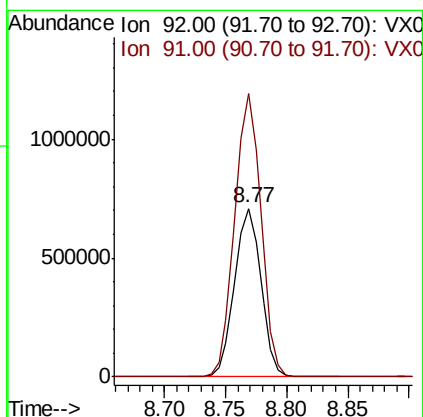
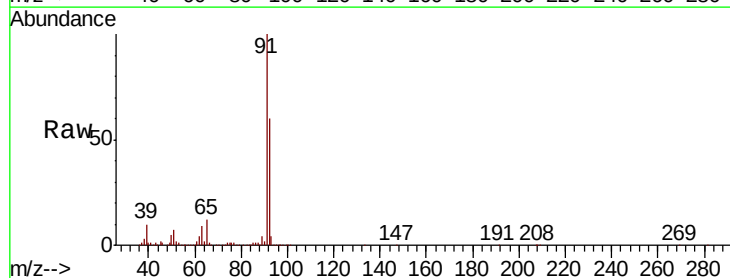
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

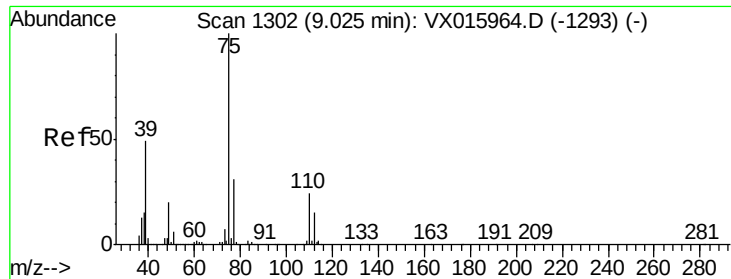
Tot Ion: 43 Resp: 3486992
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.0 48.0



#52
 Toluene
 Concen: 151.145 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 16:54

Tgt Ion: 92 Resp: 1057916
 Ion Ratio Lower Upper
 92 100
 91 167.5 134.6 202.0

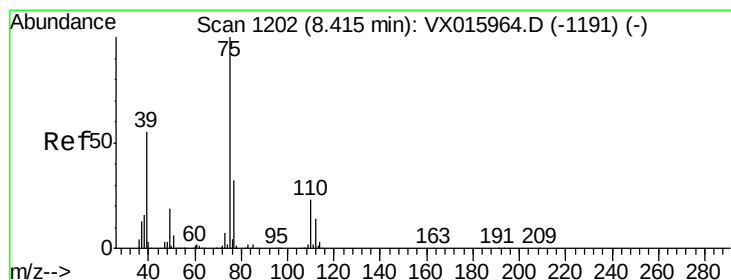
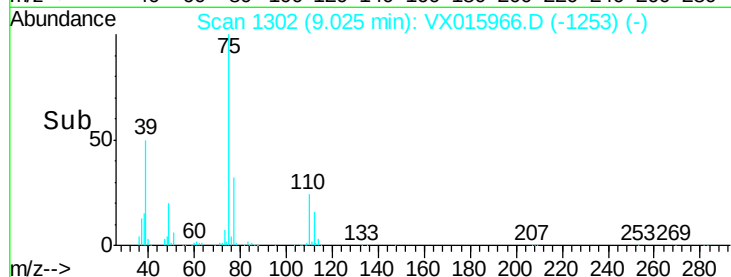
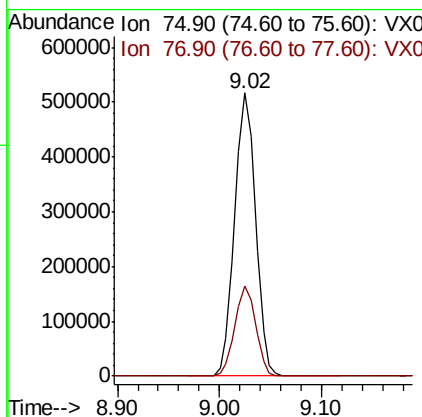
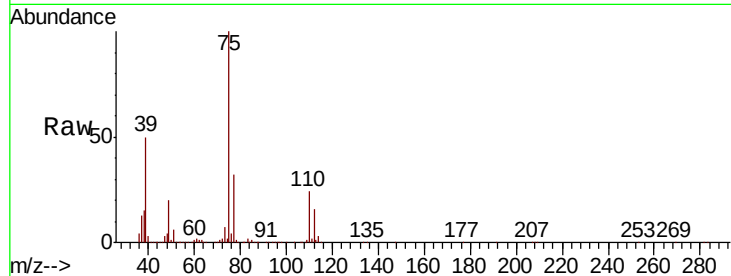




#53
t-1,3-Dichloropropene
Concen: 152.989 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

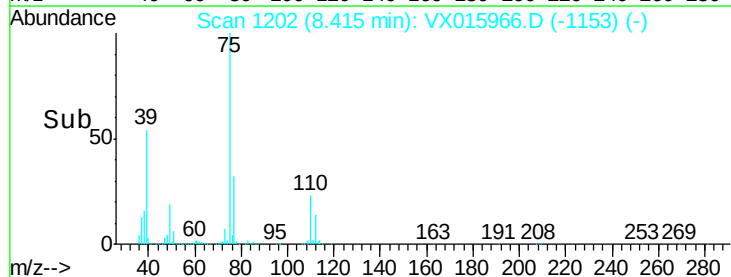
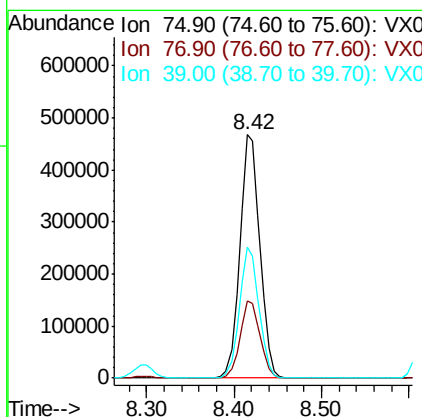
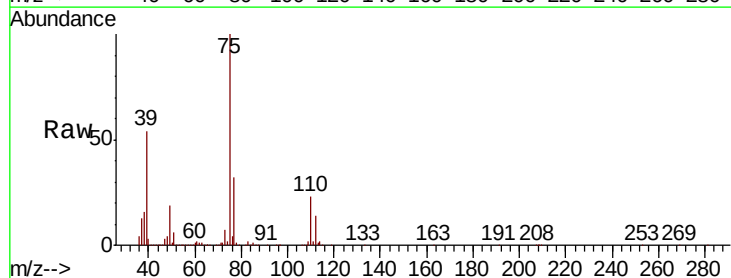
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

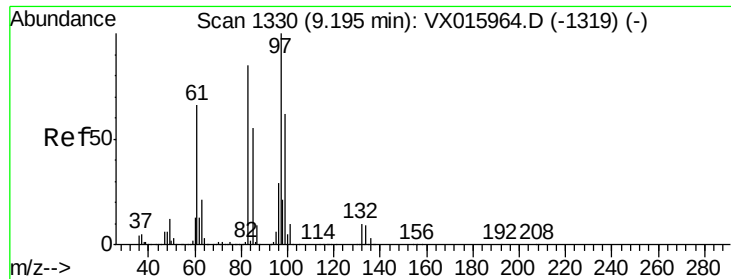
Tot Ion: 75 Resp: 730463
Ion Ratio Lower Upper
75 100
77 31.7 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 150.924 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

Tgt Ion: 75 Resp: 741133
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 53.8 44.1 66.1





#55

1,1,2-Trichloroethane

Concen: 154.052 ug/l

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 97 Resp: 430906

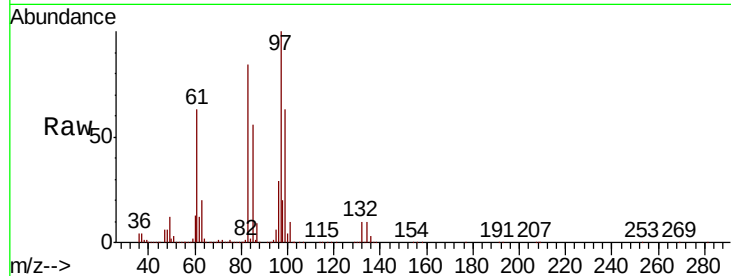
Ion Ratio Lower Upper

97 100

83 84.4 68.2 102.2

85 55.7 43.7 65.5

99 62.8 49.7 74.5

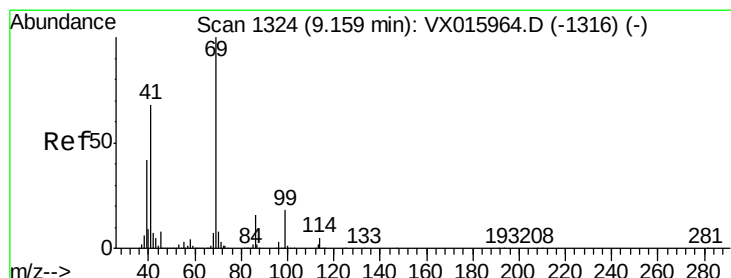
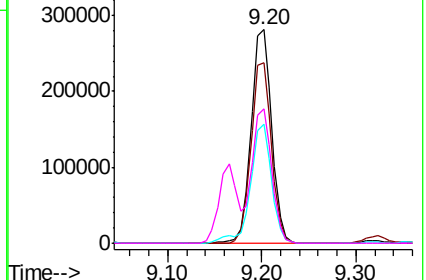
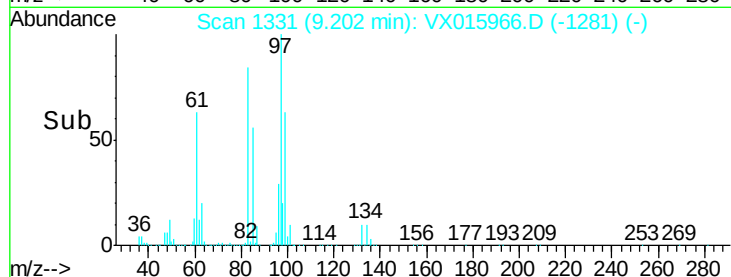


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 163.698 ug/l

RT: 9.16 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

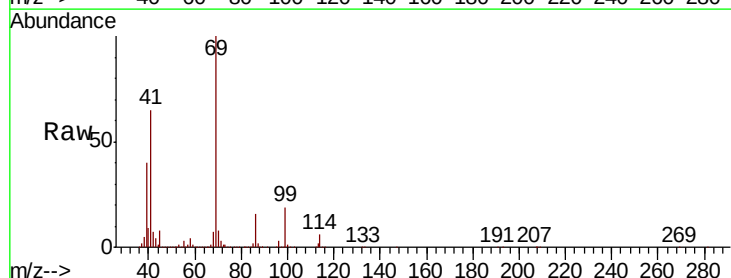
Tgt Ion: 69 Resp: 744536

Ion Ratio Lower Upper

69 100

41 66.8 53.5 80.3

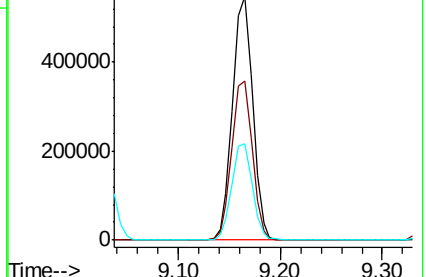
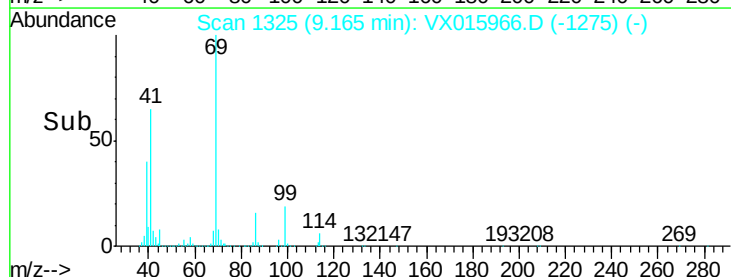
39 40.8 33.4 50.0

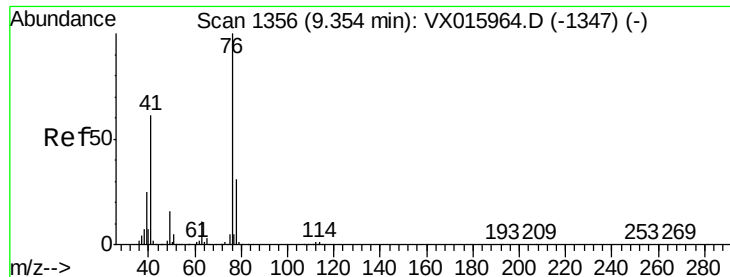


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 150.453 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

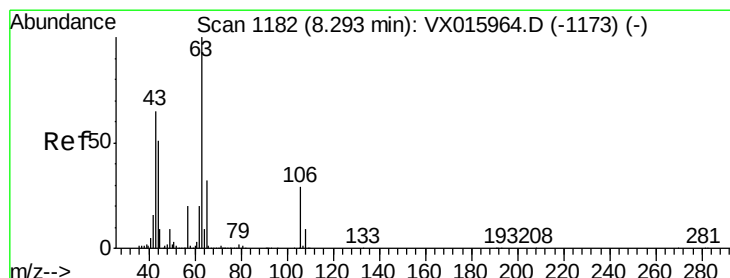
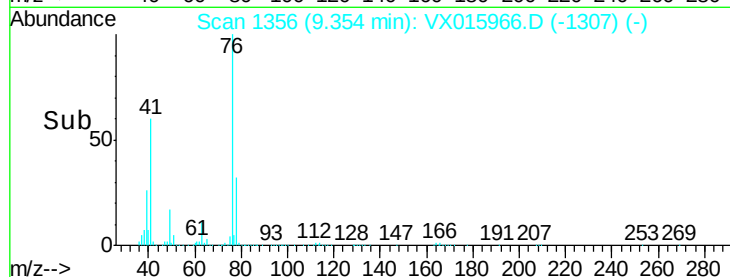
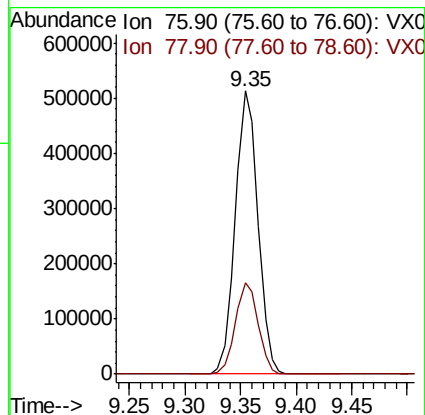
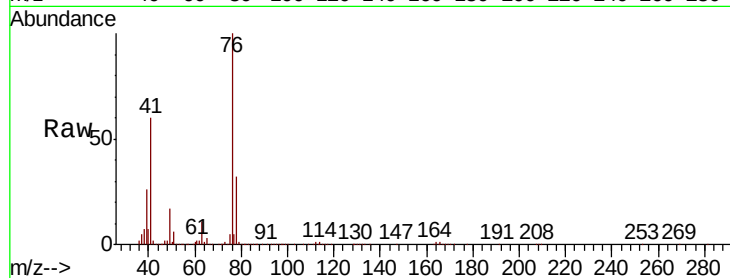
VSTDIC150

Tot Ion: 76 Resp: 723074

Ion Ratio Lower Upper

76 100

78 32.5 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 782.240 ug/l

RT: 8.30 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VX015966.D

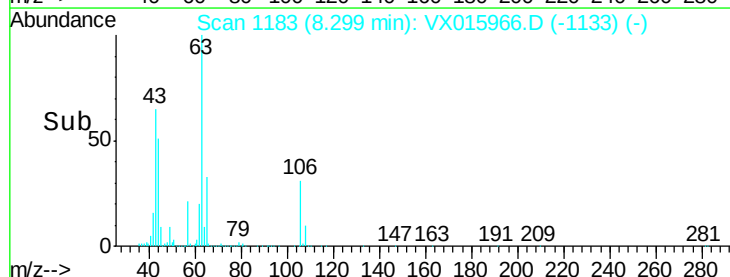
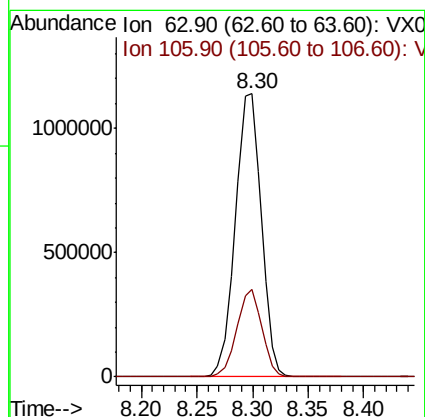
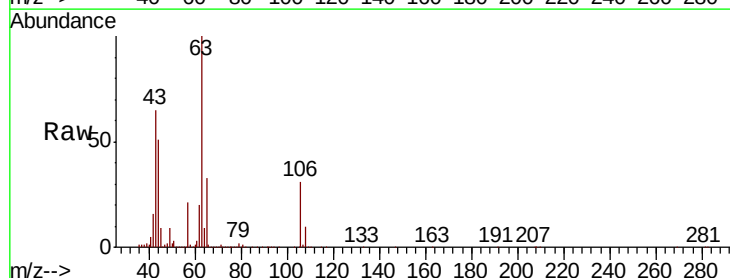
Acq: 28 Apr 2020 16:54

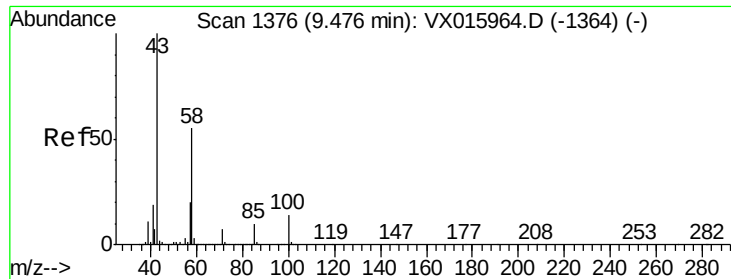
Tgt Ion: 63 Resp: 1838545

Ion Ratio Lower Upper

63 100

106 29.8 23.6 35.4

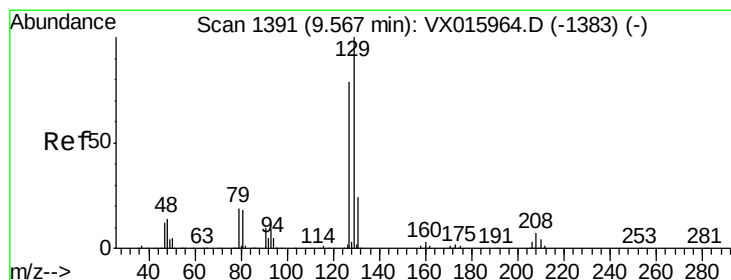
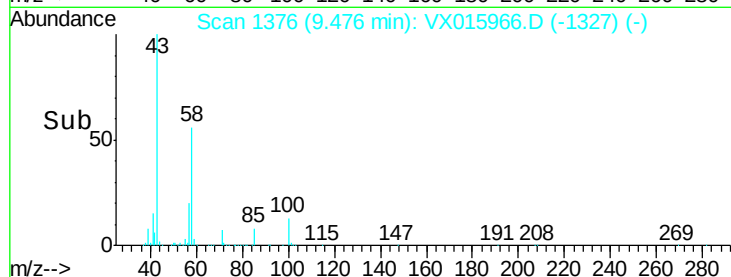
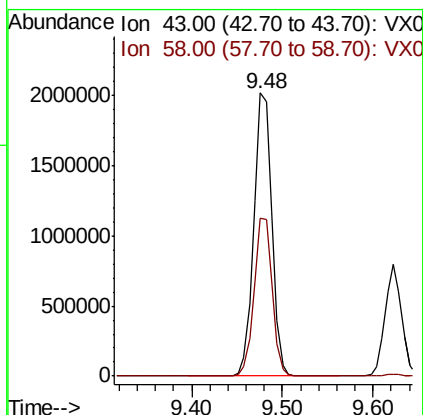
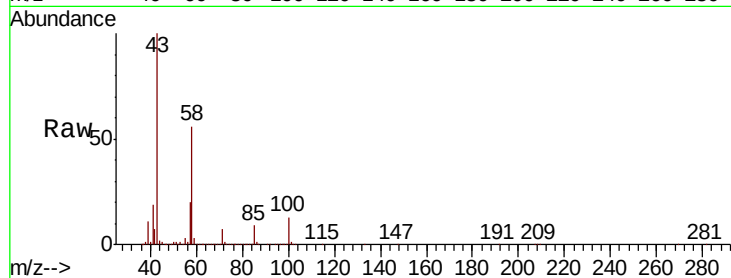




#59
2-Hexanone
Concen: 795.613 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

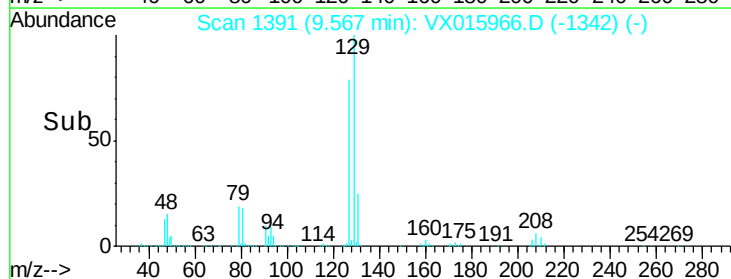
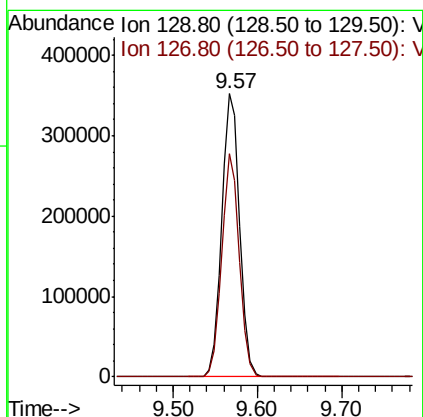
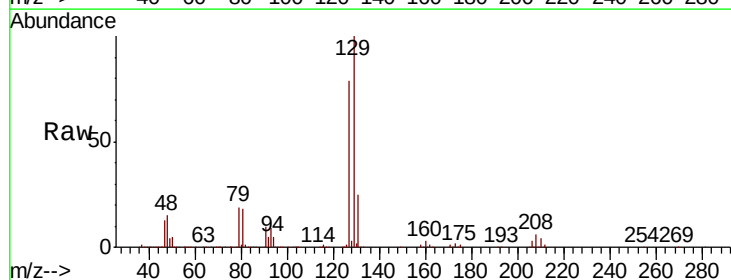
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

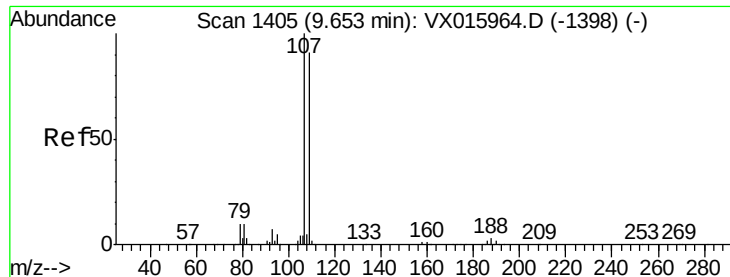
Tot Ion: 43 Resp: 2767570
Ion Ratio Lower Upper
43 100
58 56.2 27.7 83.1



#60
Dibromochloromethane
Concen: 164.857 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

Tgt Ion: 129 Resp: 516123
Ion Ratio Lower Upper
129 100
127 77.1 39.4 118.1





#61

1,2-Dibromoethane

Concen: 154.124 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

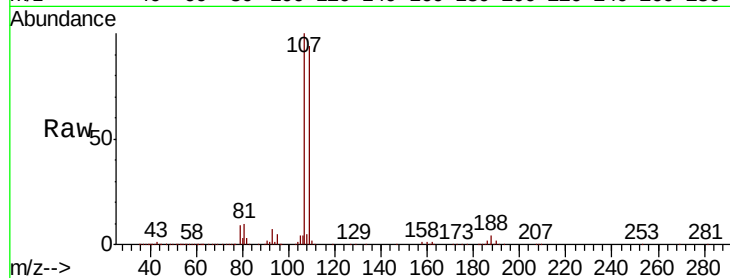
VSTDIC150

Tot Ion:107 Resp: 467487

Ion Ratio Lower Upper

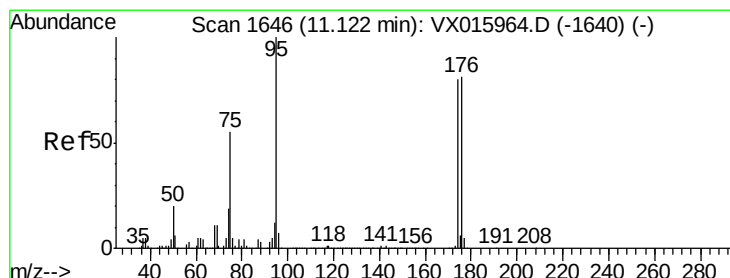
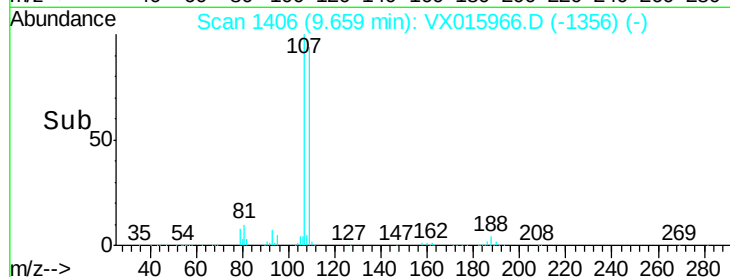
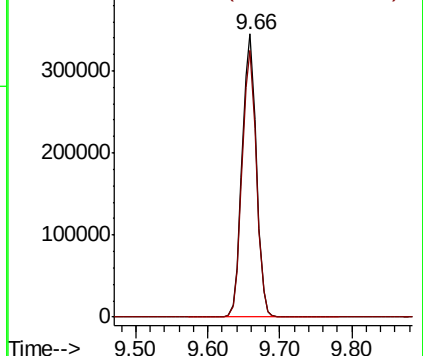
107 100

109 94.8 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 161.483 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

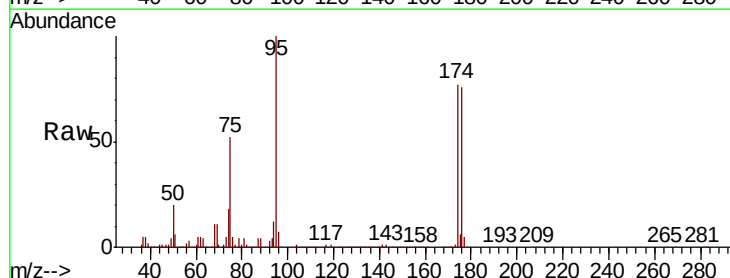
Tgt Ion: 95 Resp: 599387

Ion Ratio Lower Upper

95 100

174 82.0 0.0 165.0

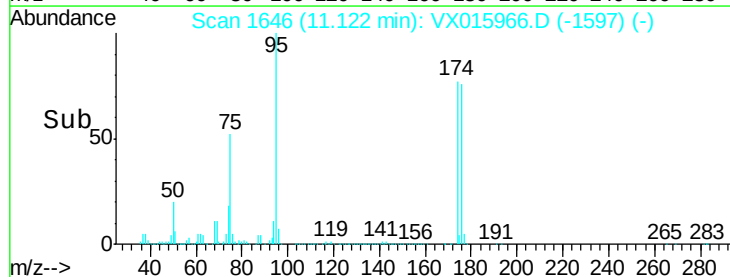
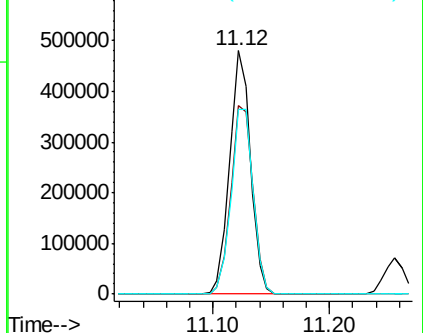
176 80.3 0.0 163.2

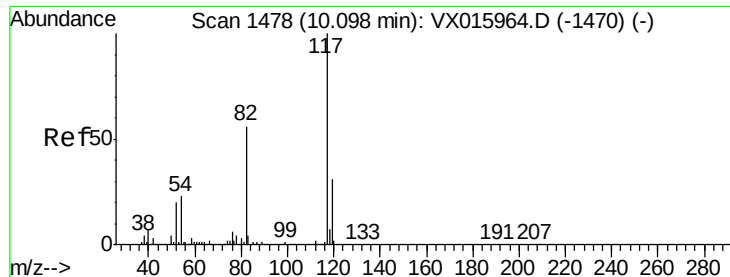


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

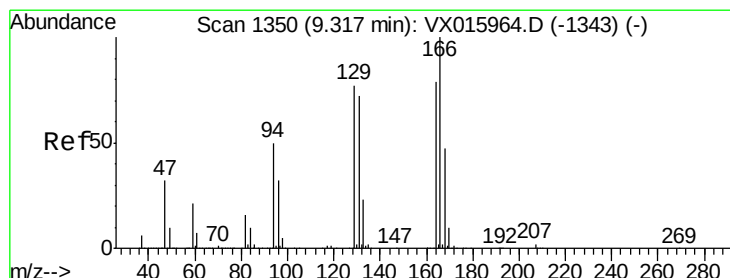
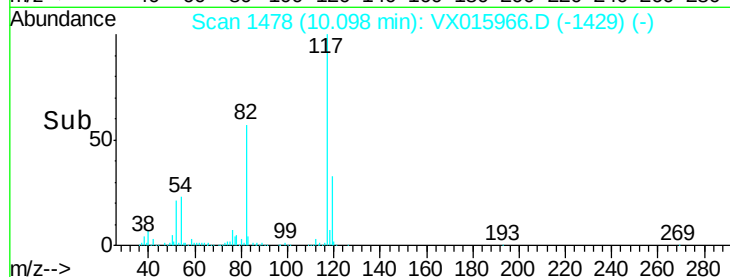
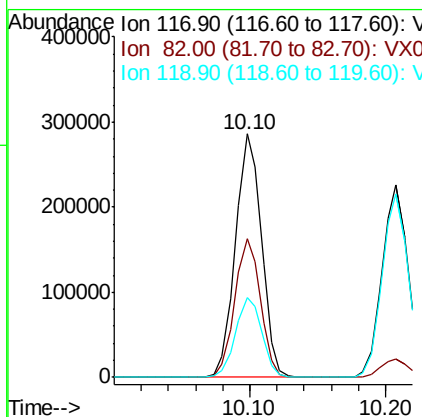
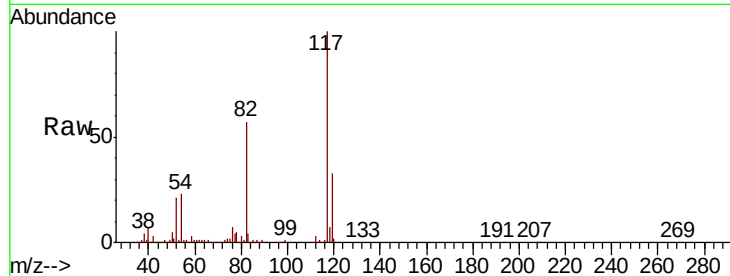




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

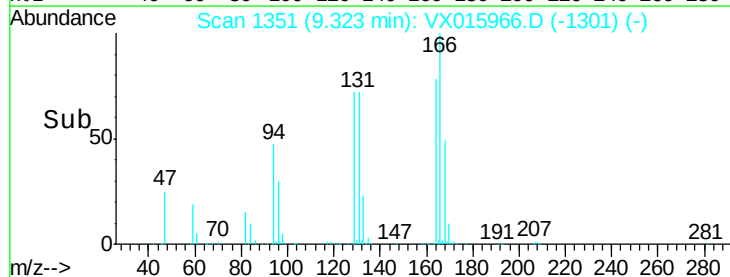
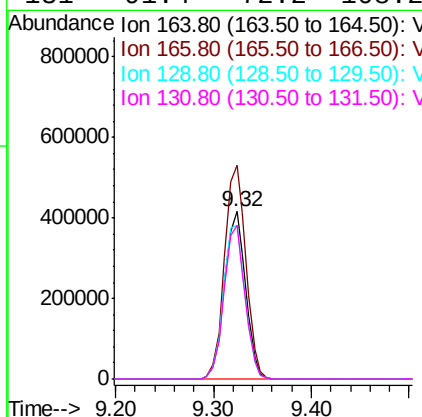
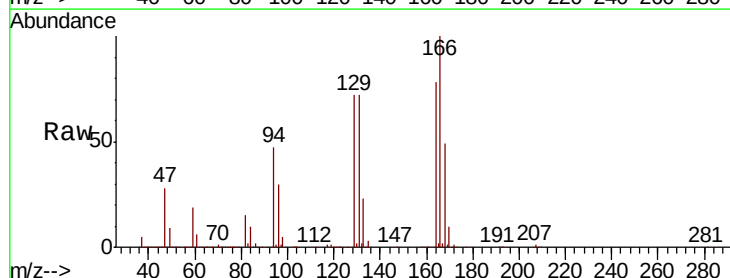
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

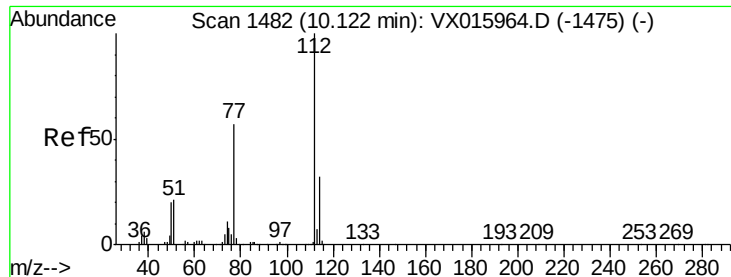
Tot Ion:117 Resp: 381140
Ion Ratio Lower Upper
117 100
82 56.9 44.5 66.7
119 32.5 25.0 37.6



#64
Tetrachloroethene
Concen: 137.465 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

Tgt Ion:164 Resp: 621543
Ion Ratio Lower Upper
164 100
166 127.4 101.0 151.4
129 91.9 77.4 116.0
131 91.4 72.2 108.2





#65

Chlorobenzene

Concen: 147.859 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

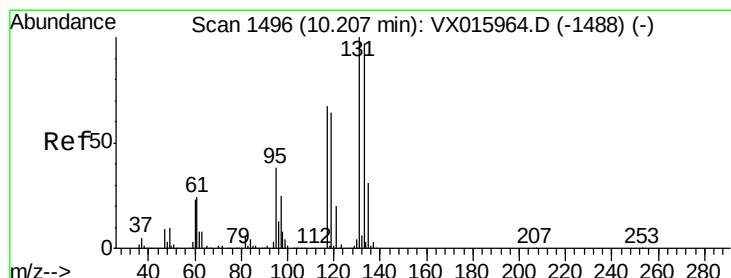
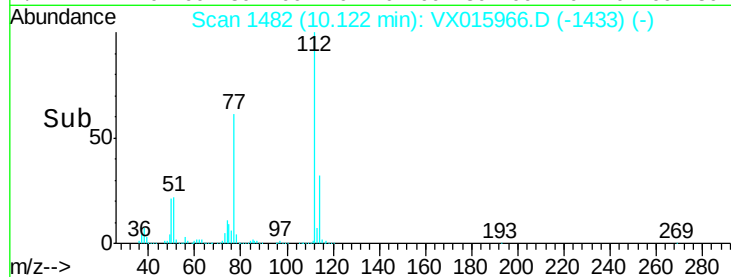
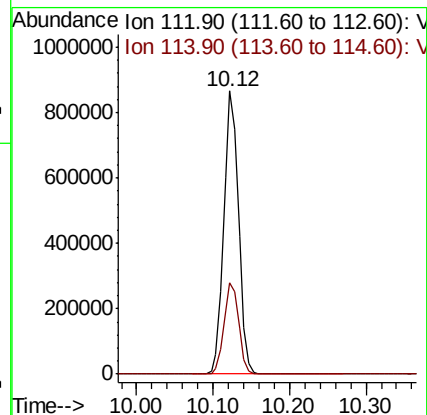
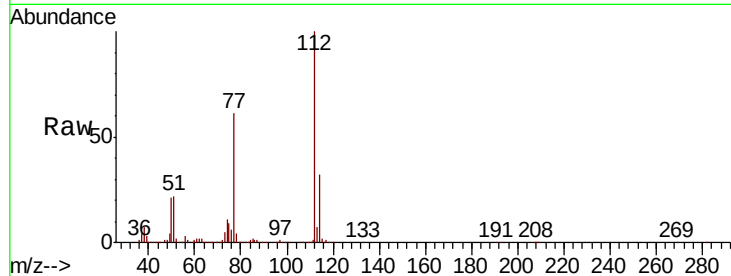
VSTDIC150

Tot Ion:112 Resp: 1147803

Ion Ratio Lower Upper

112 100

114 32.3 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 155.646 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

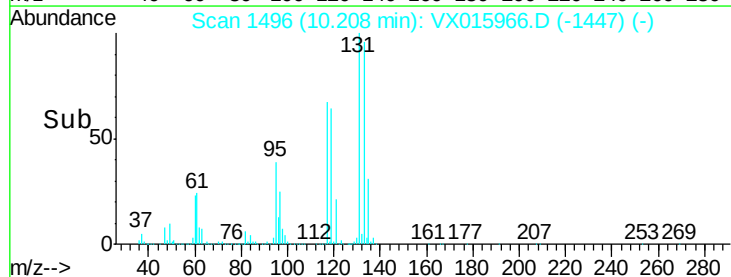
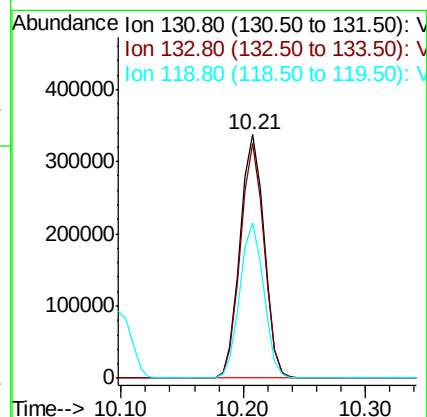
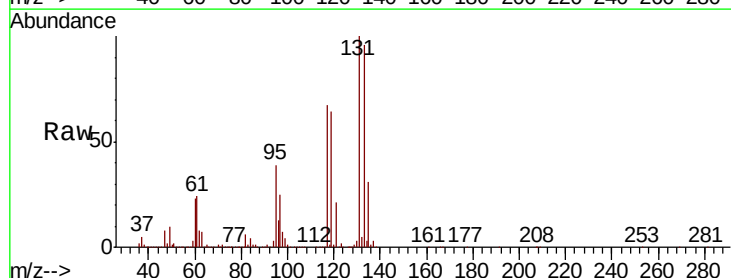
Tgt Ion:131 Resp: 456664

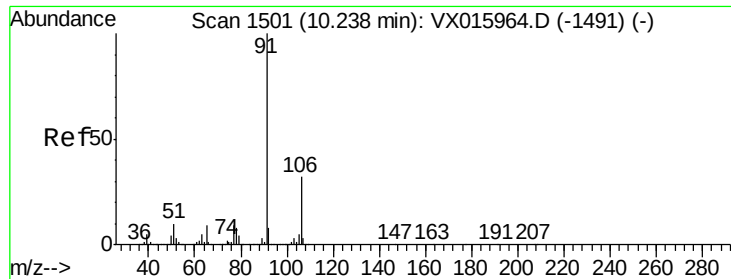
Ion Ratio Lower Upper

131 100

133 94.9 48.3 144.8

119 63.2 31.6 94.8

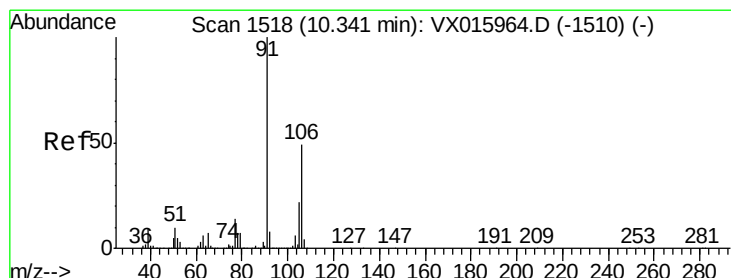
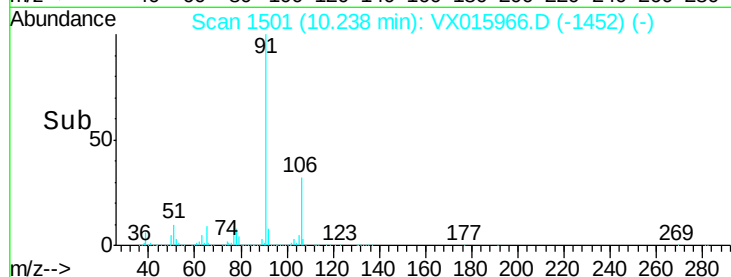
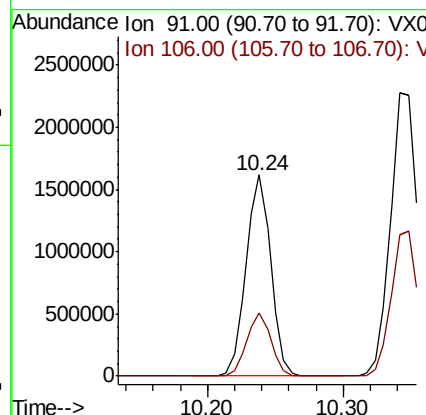
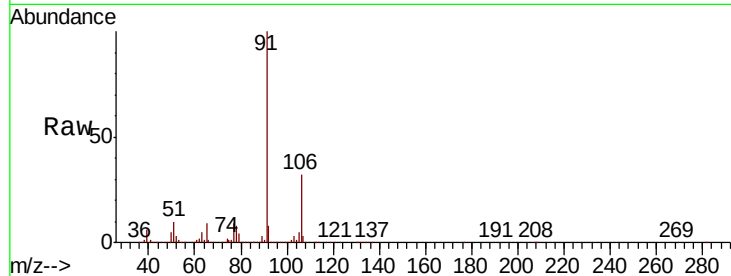




#67
Ethyl Benzene
Concen: 147.990 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

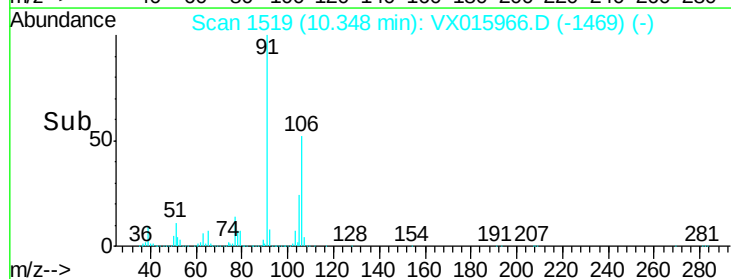
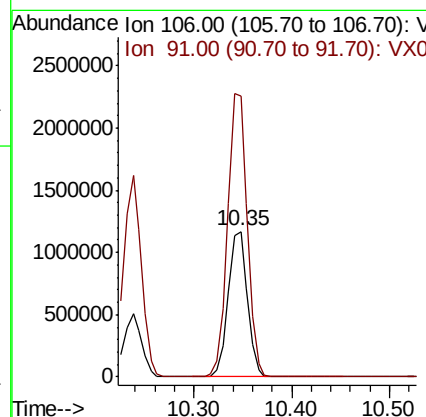
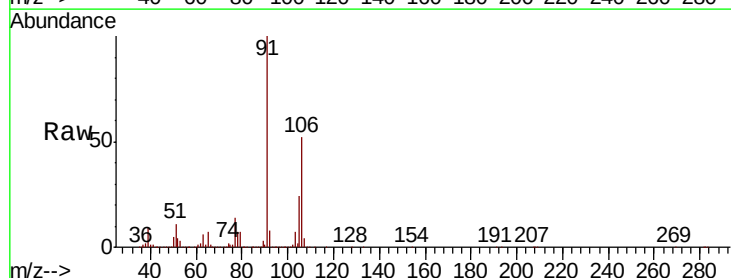
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

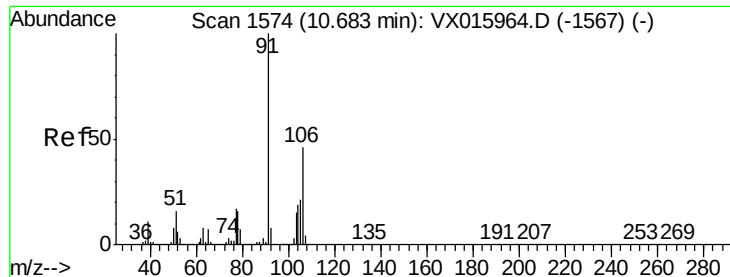
Tot Ion: 91 Resp: 2045891
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9



#68
m/p-Xylenes
Concen: 303.180 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

Tgt Ion: 106 Resp: 1590409
Ion Ratio Lower Upper
106 100
91 198.5 161.6 242.4

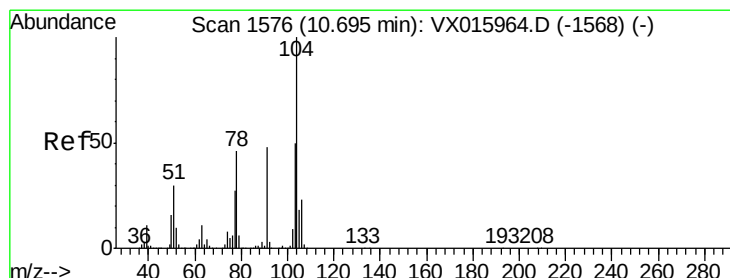
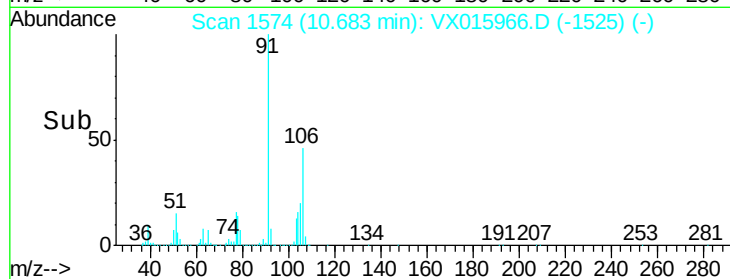
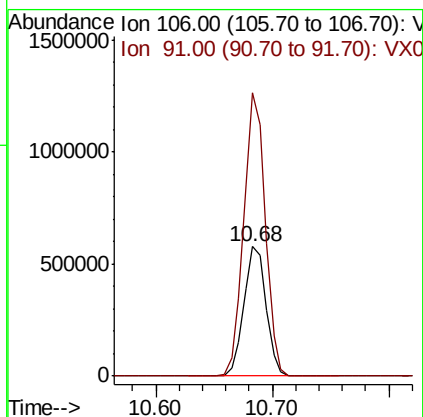
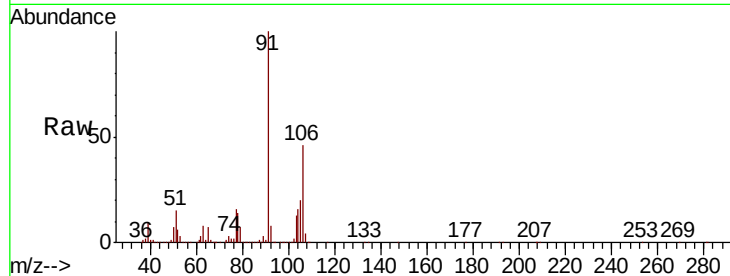




#69
o-Xylene
Concen: 154.971 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

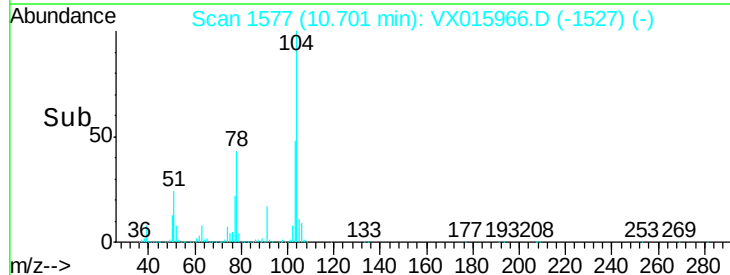
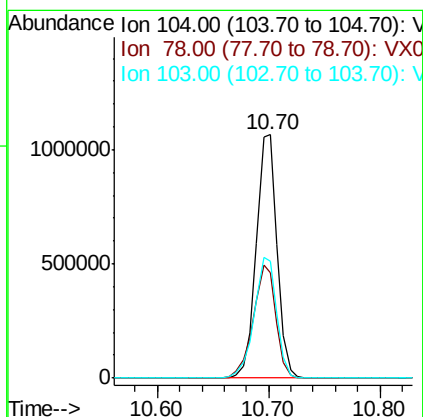
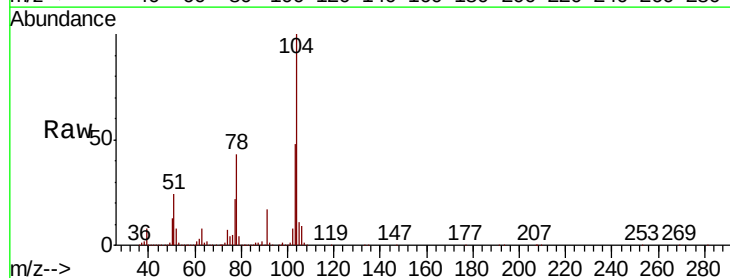
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

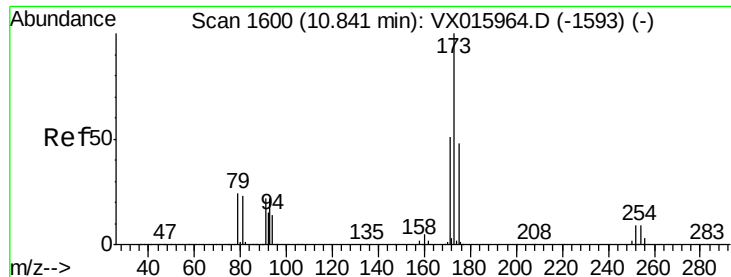
Tot Ion:106 Resp: 771832
Ion Ratio Lower Upper
106 100
91 212.7 106.1 318.3



#70
Styrene
Concen: 162.275 ug/l
RT: 10.70 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

Tgt Ion:104 Resp: 1386784
Ion Ratio Lower Upper
104 100
78 50.5 41.0 61.4
103 53.4 43.4 65.2

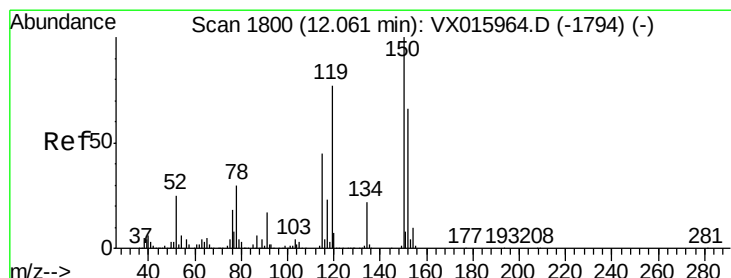
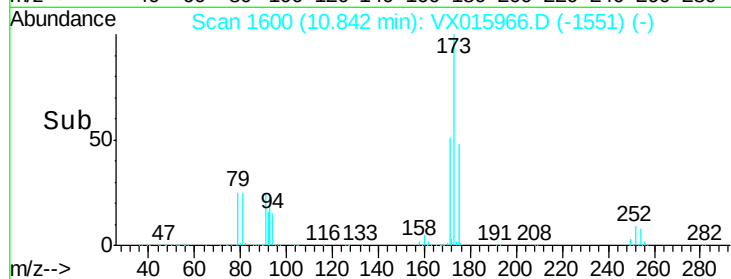
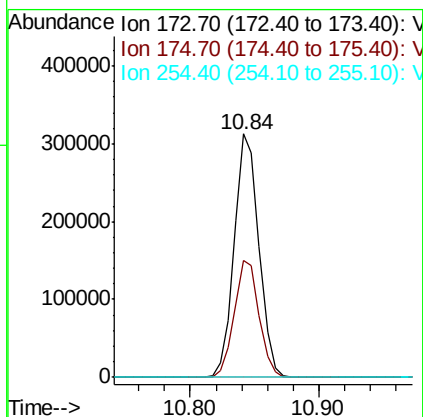
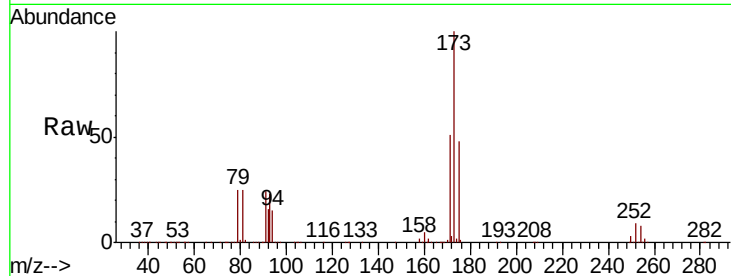




#71
Bromoform
Concen: 174.963 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

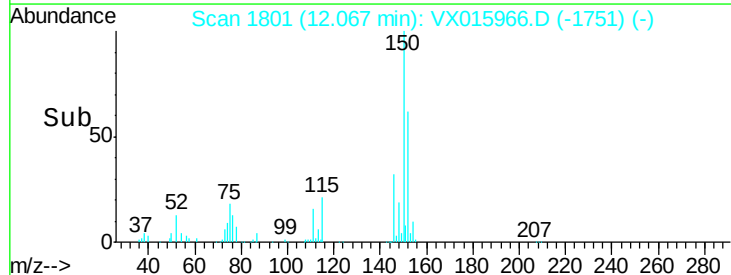
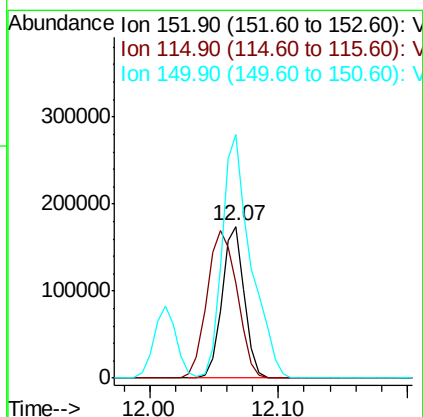
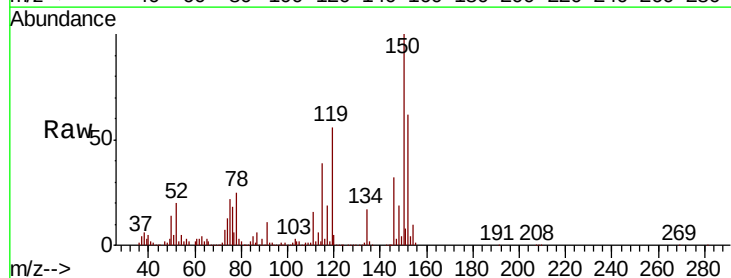
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

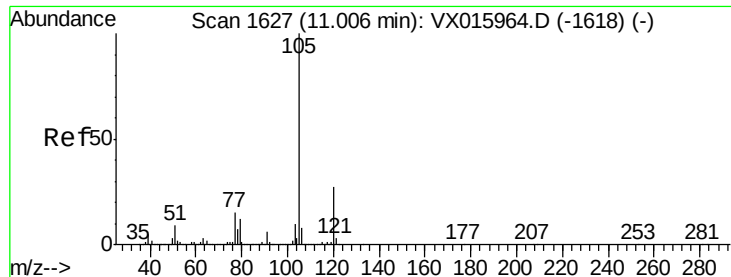
Tot Ion:173 Resp: 415865
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1801
Delta R.T. 0.01 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

Tgt Ion:152 Resp: 212167
Ion Ratio Lower Upper
152 100
115 130.6 40.9 122.7#
150 205.6 0.0 342.4





#73

Isopropylbenzene

Concen: 143.170 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

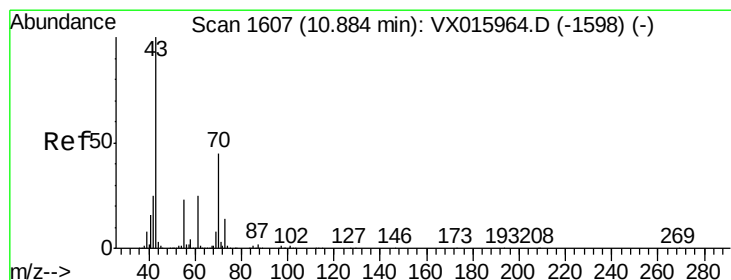
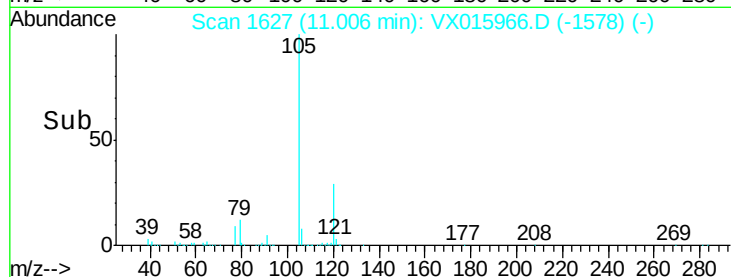
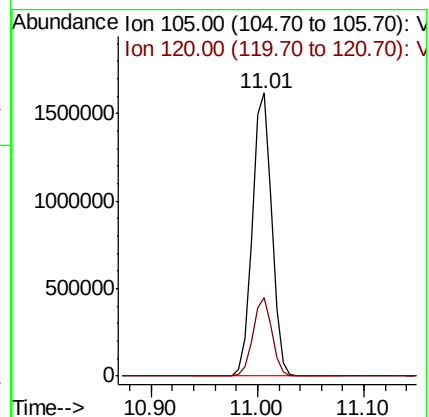
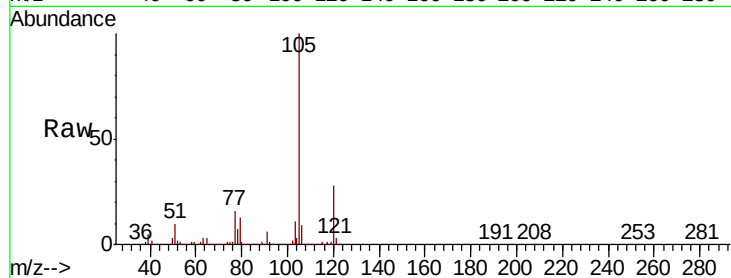
VSTDIC150

Tot Ion:105 Resp: 2066406

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.8



#74

N-ethyl acetate

Concen: 150.185 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Tgt Ion: 43 Resp: 1045448

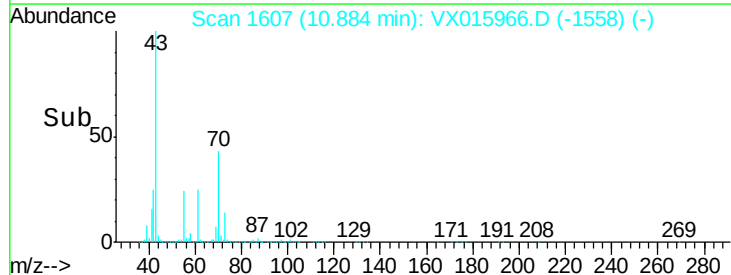
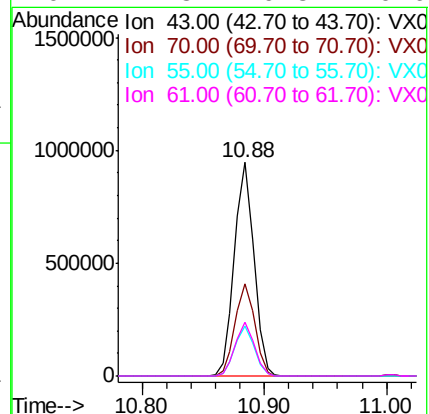
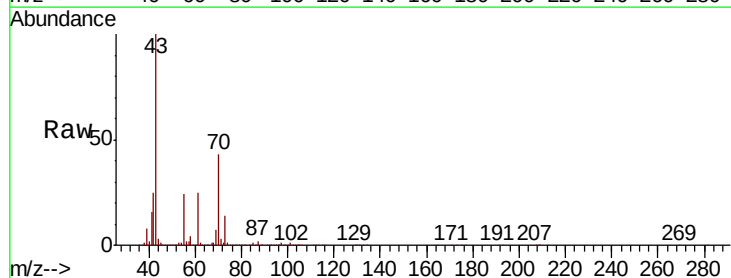
Ion Ratio Lower Upper

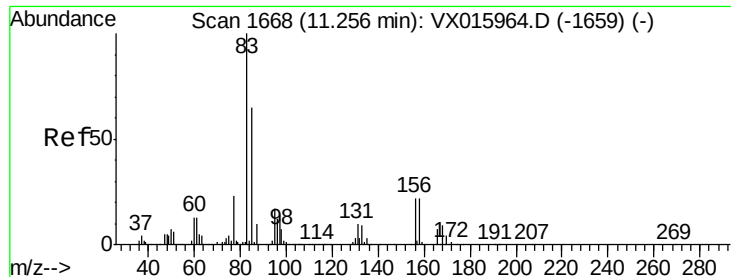
43 100

70 43.4 34.5 51.7

55 23.3 18.6 28.0

61 24.8 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 189.036 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

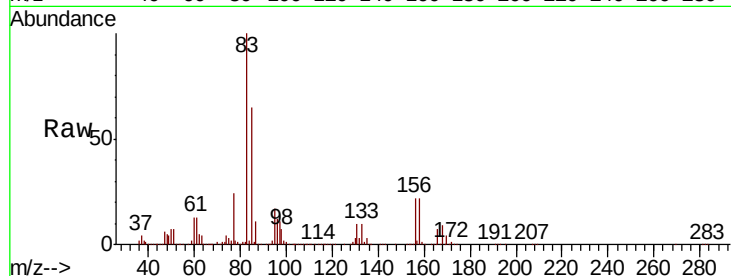
Tot Ion: 83 Resp: 528880

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

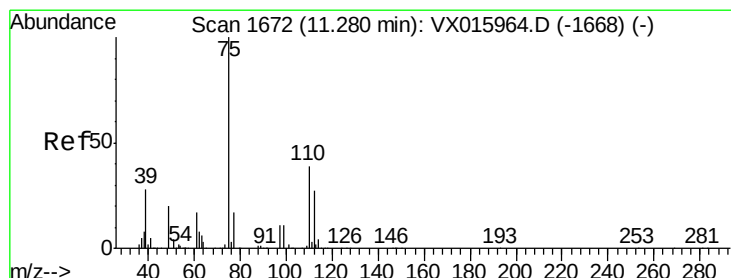
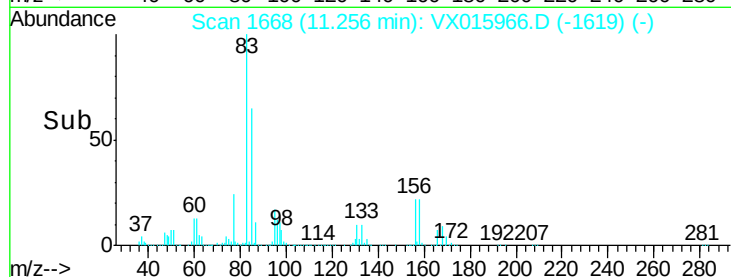
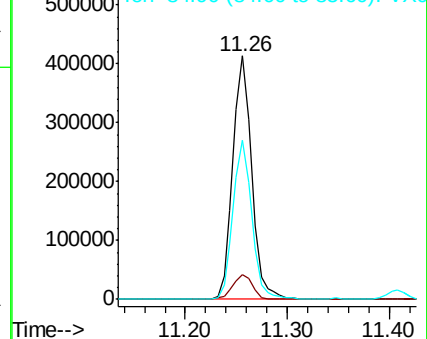
85 65.1 32.2 96.6



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: 163.712 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX015966.D

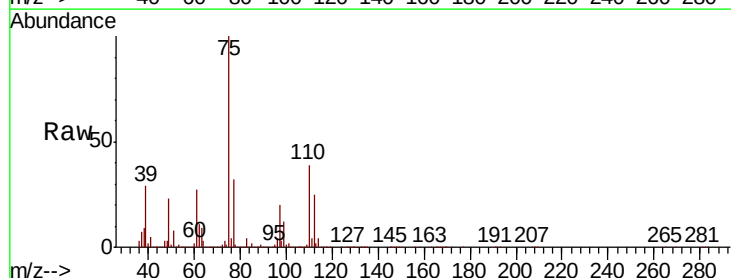
Acq: 28 Apr 2020 16:54

Tgt Ion: 75 Resp: 909640

Ion Ratio Lower Upper

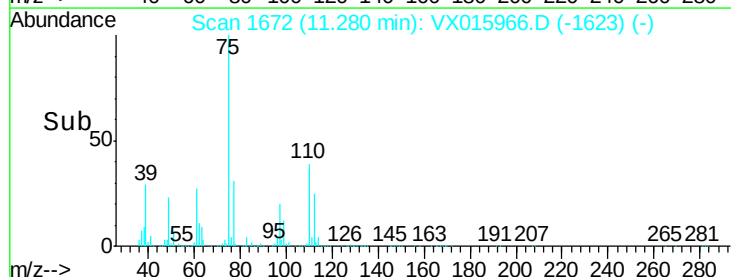
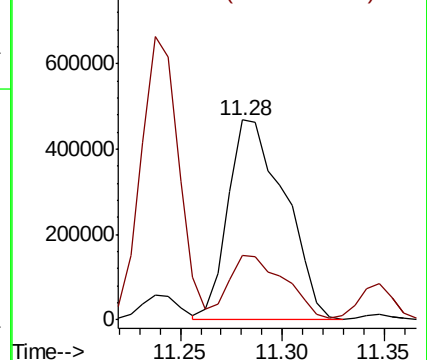
75 100

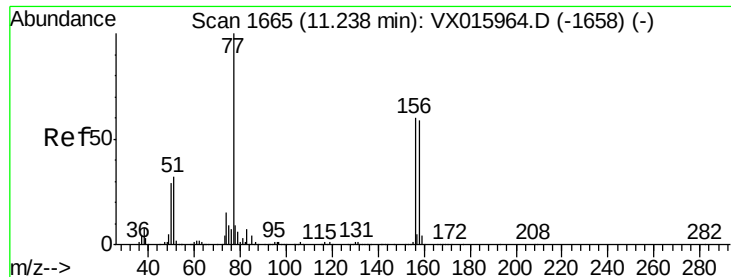
77 31.9 21.6 65.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 144.792 ug/l

RT: 11.24 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

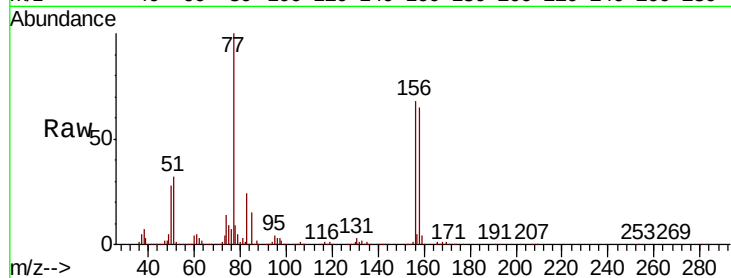
Tot Ion:156 Resp: 537939

Ion Ratio Lower Upper

156 100

77 158.5 78.3 234.8

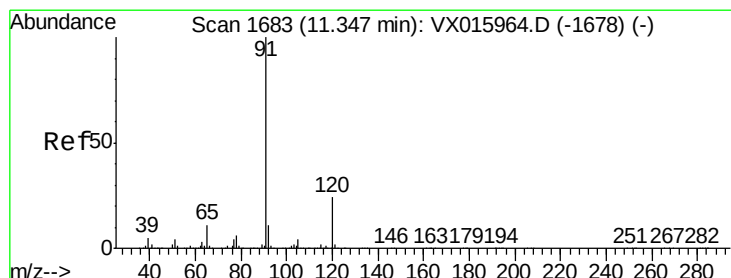
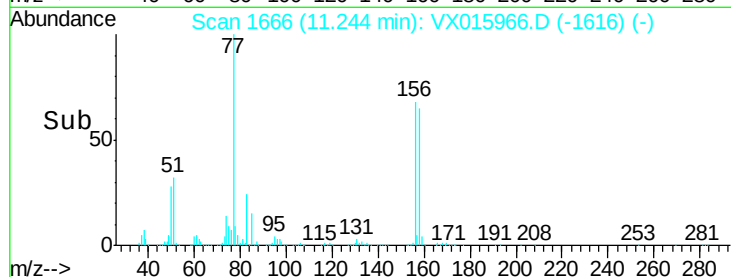
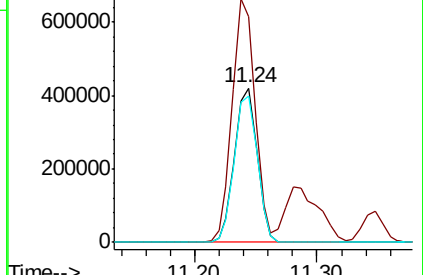
158 97.1 48.5 145.5



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: 145.335 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX015966.D

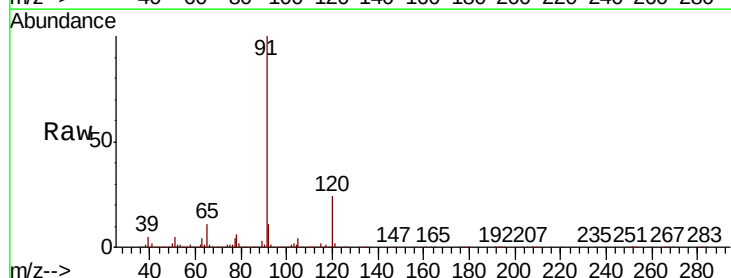
Acq: 28 Apr 2020 16:54

Tgt Ion: 91 Resp: 2413074

Ion Ratio Lower Upper

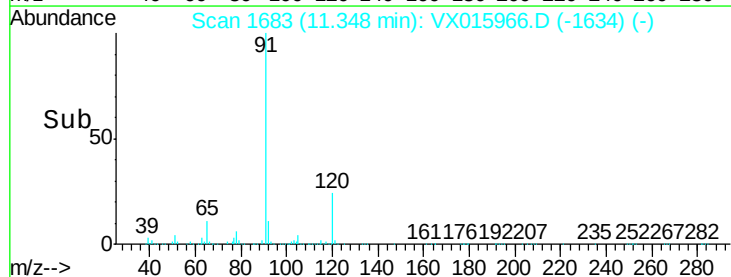
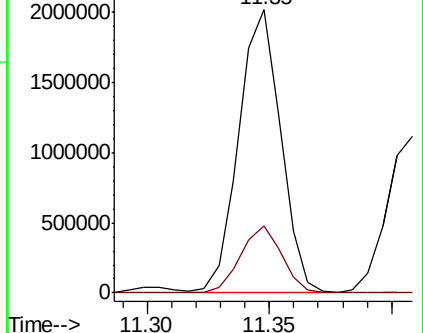
91 100

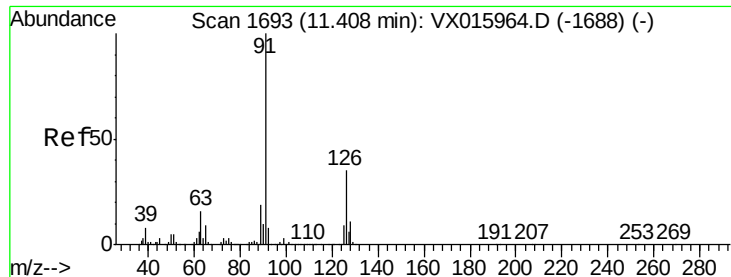
120 23.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 143.608 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

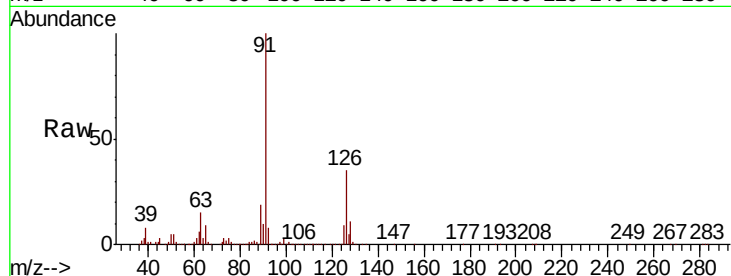
VSTDIC150

Tot Ion: 91 Resp: 1420649

Ion Ratio Lower Upper

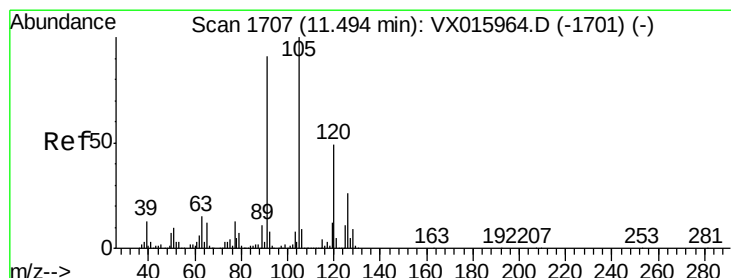
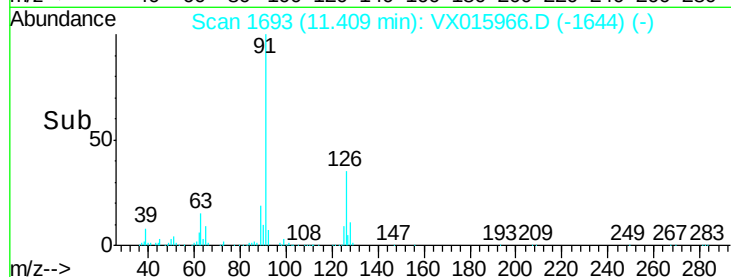
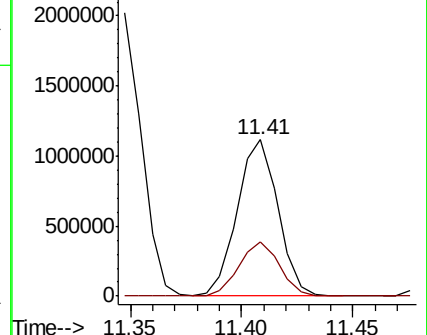
91 100

126 34.5 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VX015966.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX015966.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 148.220 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015966.D

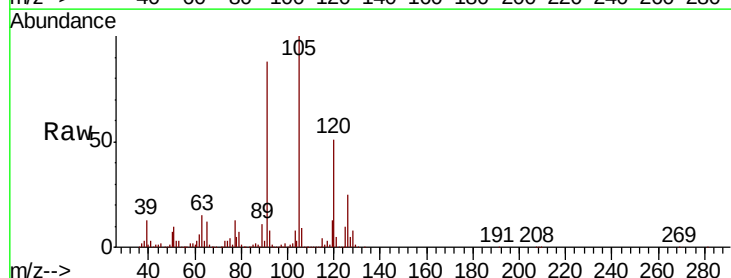
Acq: 28 Apr 2020 16:54

Tgt Ion:105 Resp: 1802086

Ion Ratio Lower Upper

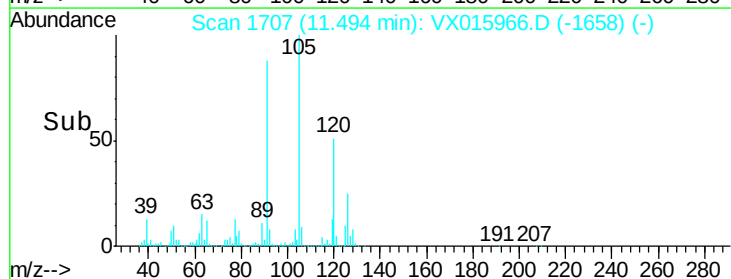
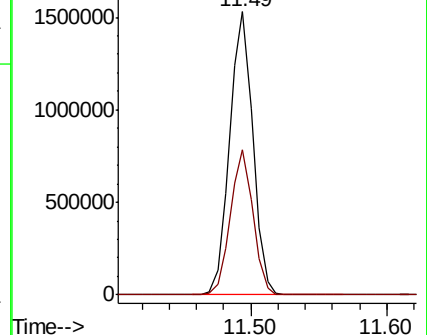
105 100

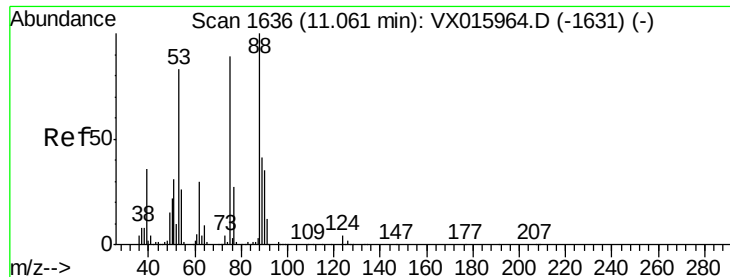
120 50.0 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VX015966.D (-1658) (-)

Ion 120.00 (119.70 to 120.70): VX015966.D (-1658) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 154.211 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

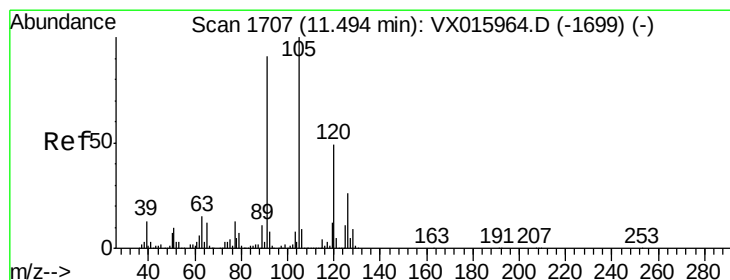
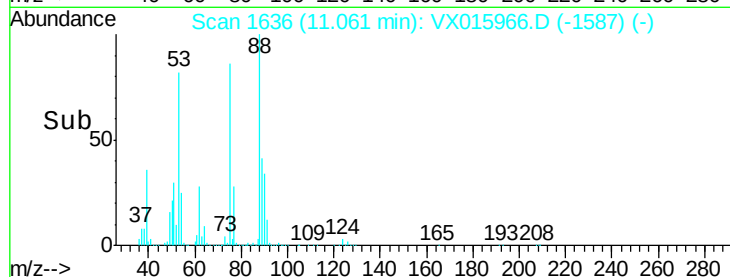
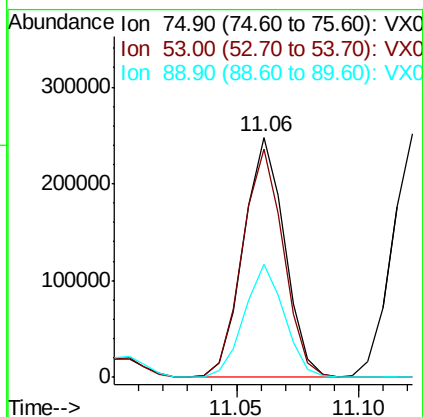
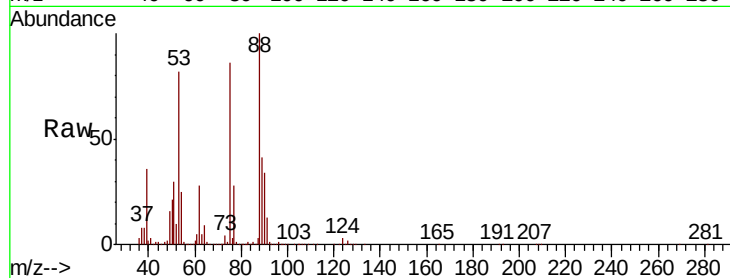
Tot Ion: 75 Resp: 290519

Ion Ratio Lower Upper

75 100

53 95.0 78.3 117.5

89 46.0 37.2 55.8



#82

4-Chlorotoluene

Concen: 146.662 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015966.D

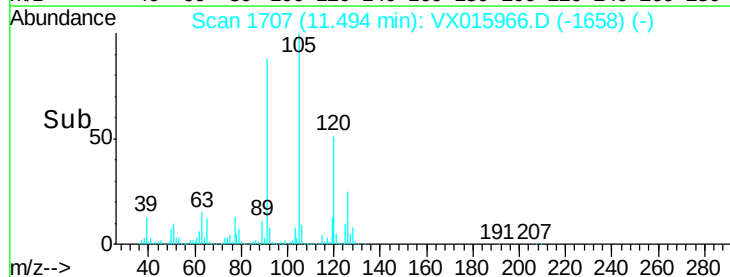
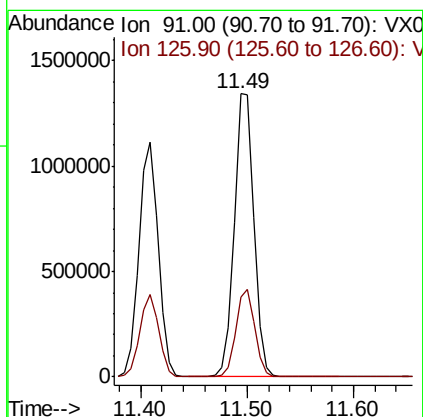
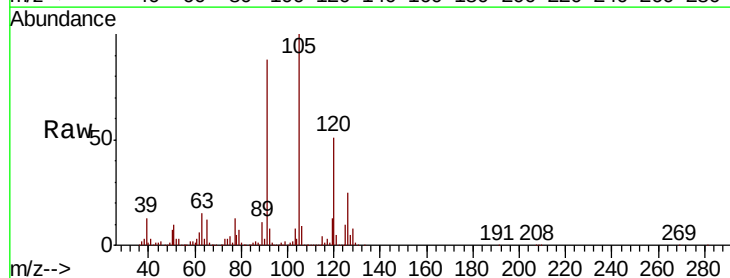
Acq: 28 Apr 2020 16:54

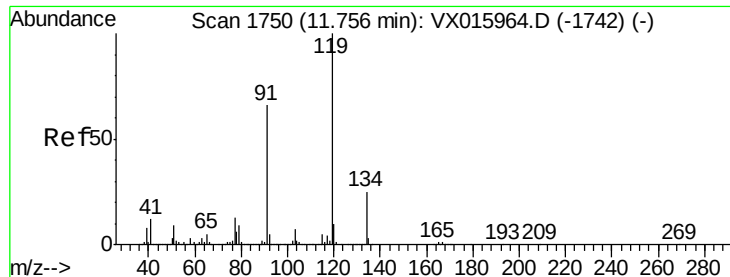
Tgt Ion: 91 Resp: 1735277

Ion Ratio Lower Upper

91 100

126 29.9 14.8 44.3





#83

tert-Butylbenzene

Concen: 148.528 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

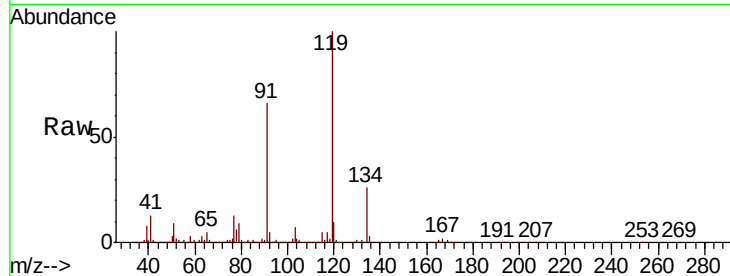
Tot Ion:119 Resp: 1557054

Ion Ratio Lower Upper

119 100

91 66.3 33.5 100.4

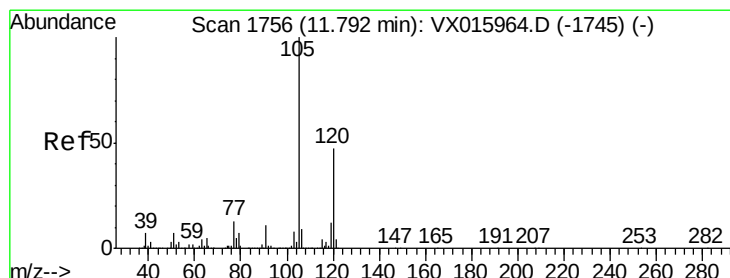
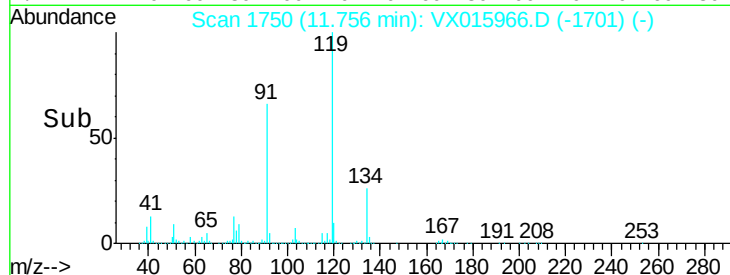
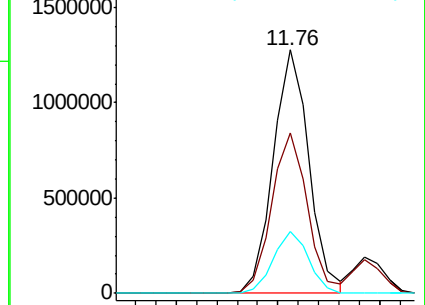
134 25.2 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 150.399 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX015966.D

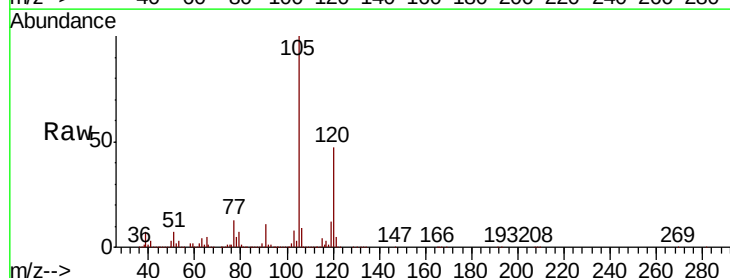
Acq: 28 Apr 2020 16:54

Tgt Ion:105 Resp: 1840337

Ion Ratio Lower Upper

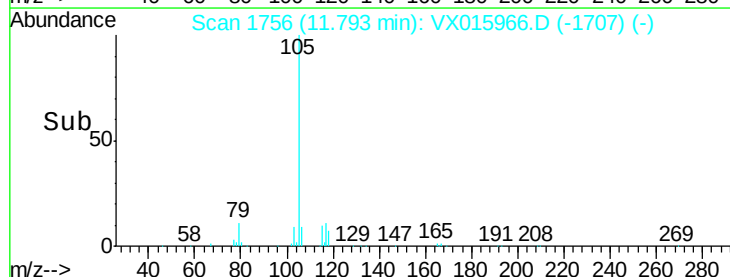
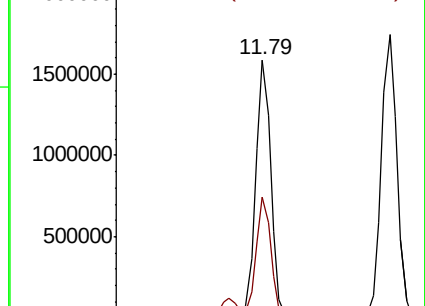
105 100

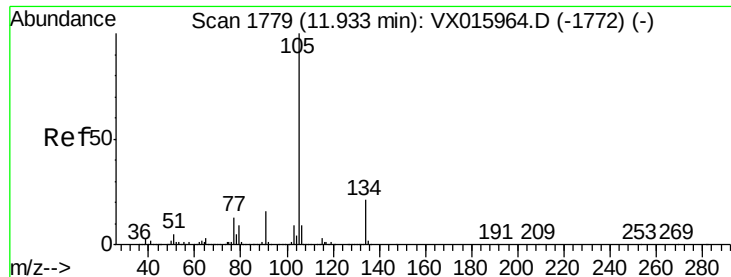
120 45.3 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 148.043 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

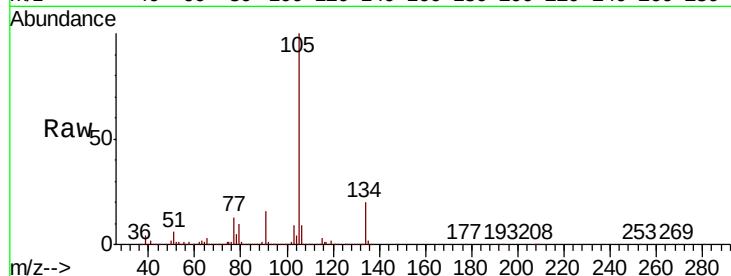
VSTDIC150

Tot Ion:105 Resp: 2090959

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

2000000

1500000

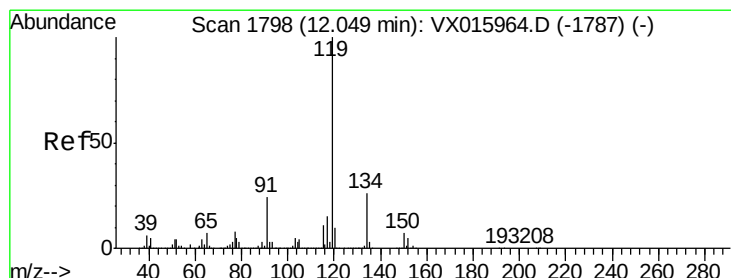
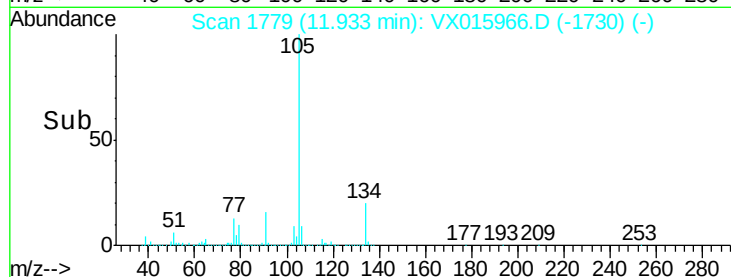
1000000

500000

0

11.85 11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 148.835 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

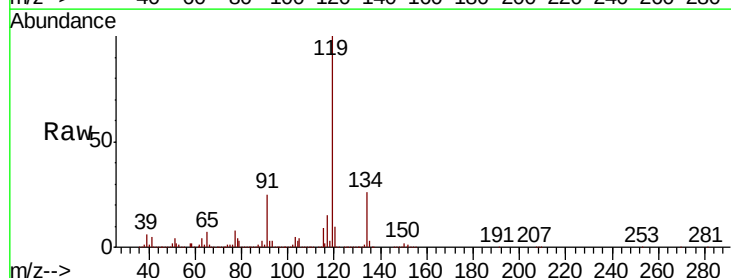
Tgt Ion:119 Resp: 1969032

Ion Ratio Lower Upper

119 100

134 26.5 13.0 39.0

91 24.2 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

2000000

1500000

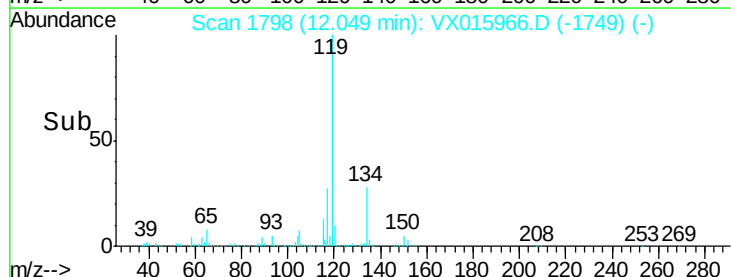
1000000

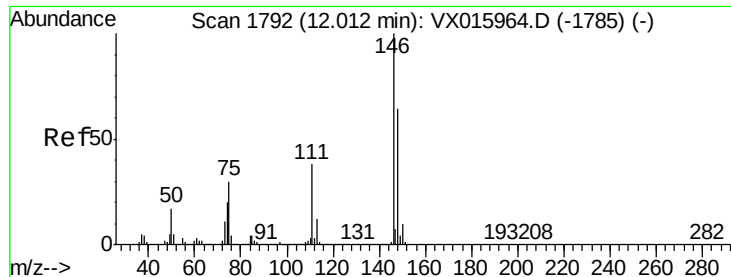
500000

0

12.00 12.10

Time-->

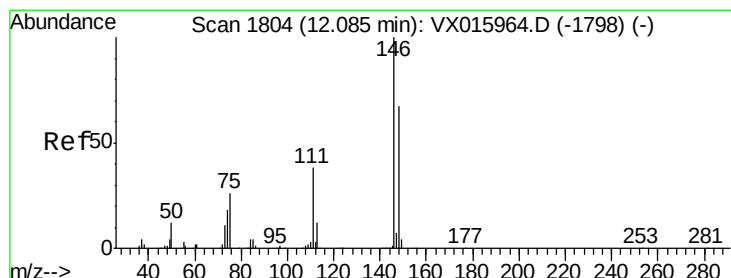
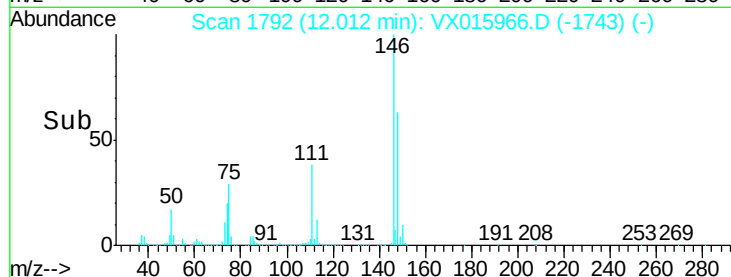
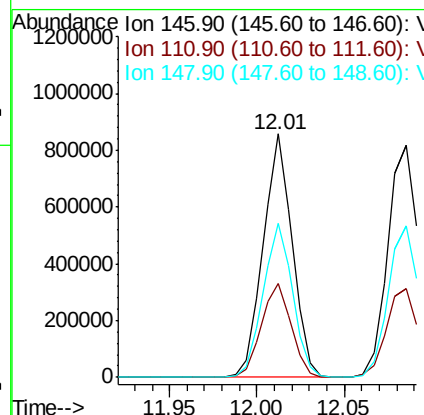
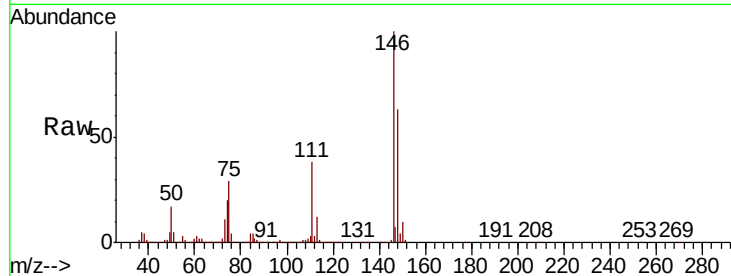




#87
 1,3-Dichlorobenzene
 Concen: 146.348 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 16:54

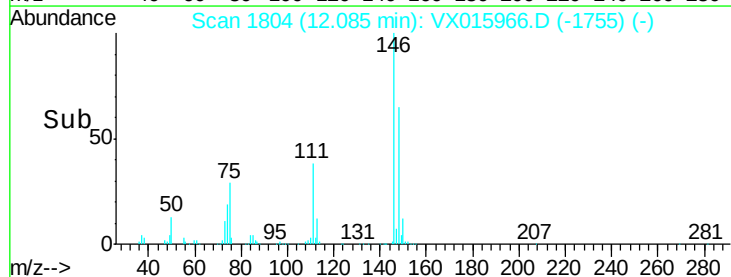
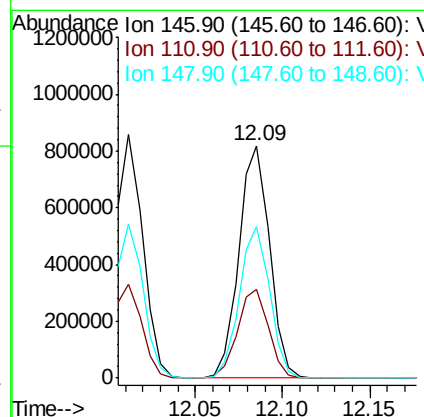
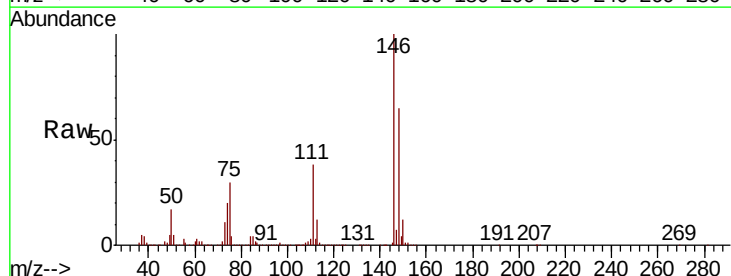
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

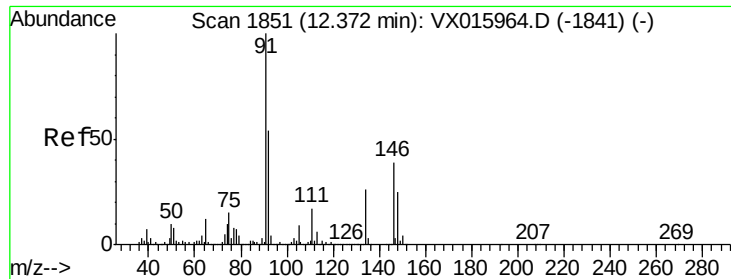
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.8
148	63.9	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 145.698 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 16:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.7	59.0
148	64.6	32.8	98.4

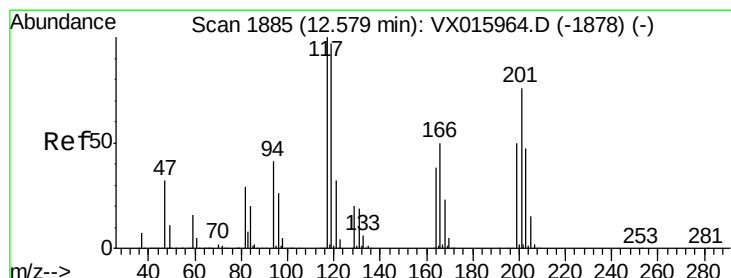
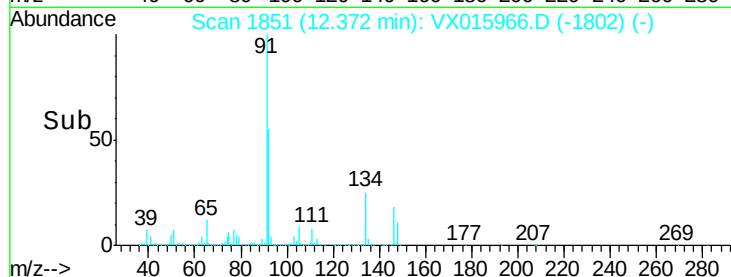
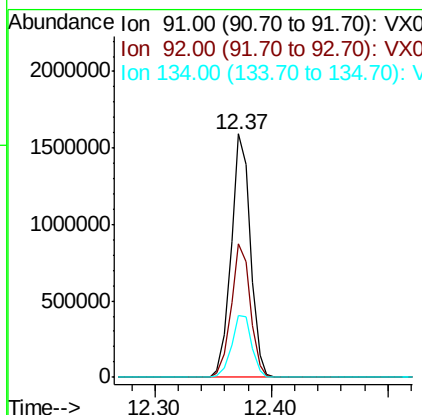
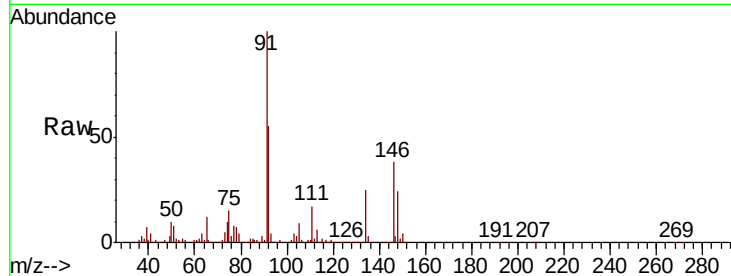




#89
n-Butylbenzene
Concen: 152.565 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

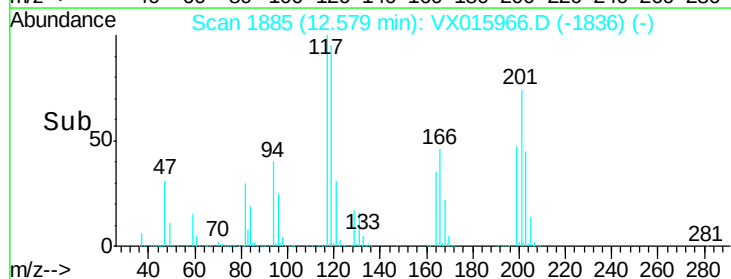
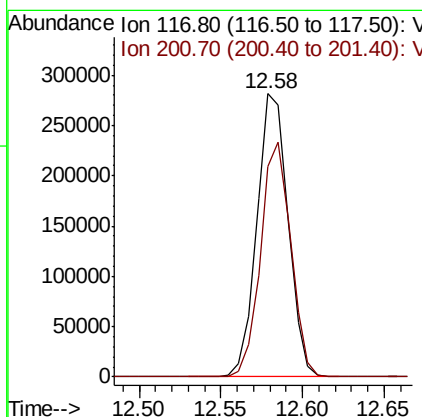
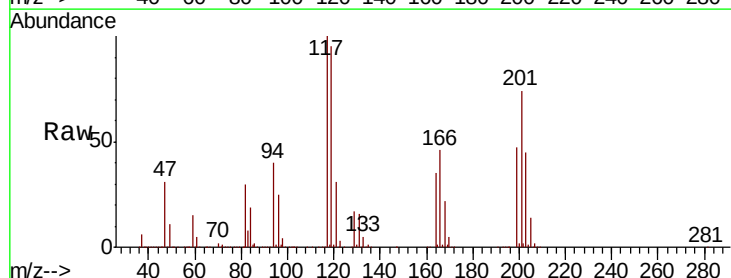
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

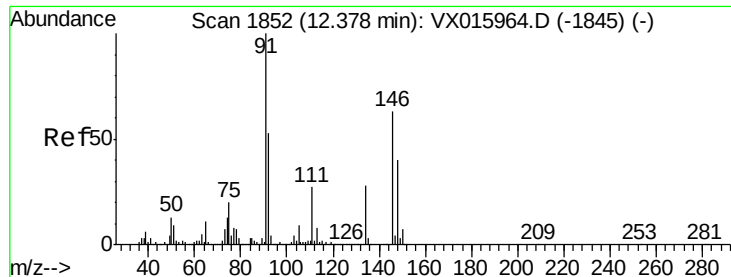
Tot Ion: 91 Resp: 1823718
Ion Ratio Lower Upper
91 100
92 54.4 27.1 81.3
134 26.7 13.3 39.8



#90
Hexachloroethane
Concen: 160.544 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 16:54

Tgt Ion: 117 Resp: 375273
Ion Ratio Lower Upper
117 100
201 79.9 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 148.413 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

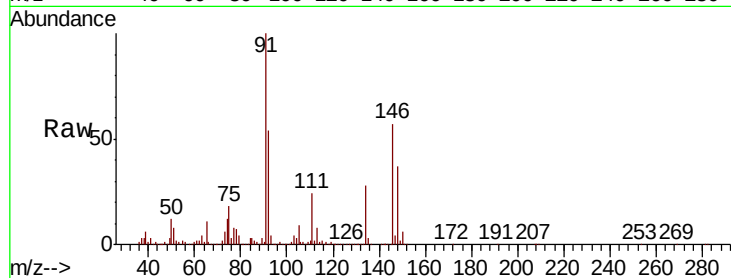
Tot Ion:146 Resp: 961511

Ion Ratio Lower Upper

146 100

111 41.6 21.1 63.3

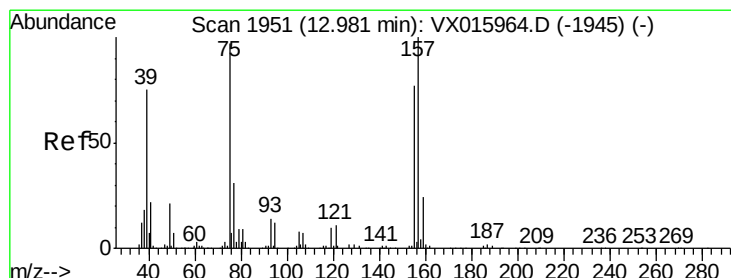
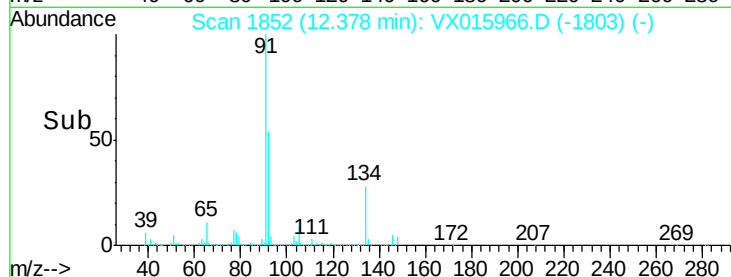
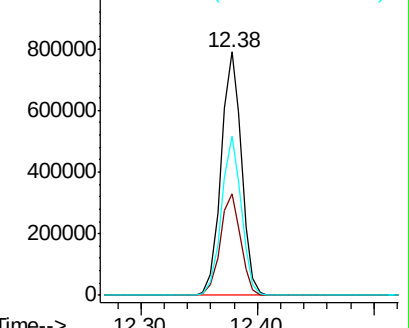
148 63.9 32.3 96.9



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: 149.732 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

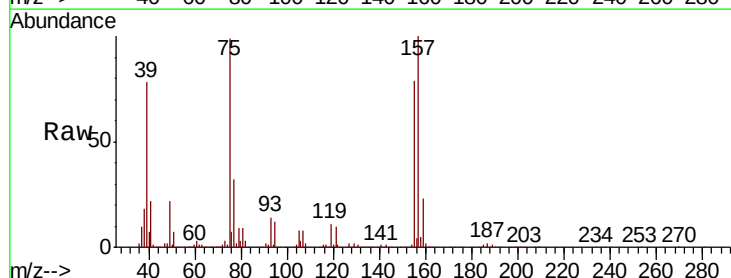
Tgt Ion: 75 Resp: 178421

Ion Ratio Lower Upper

75 100

155 89.0 42.5 127.6

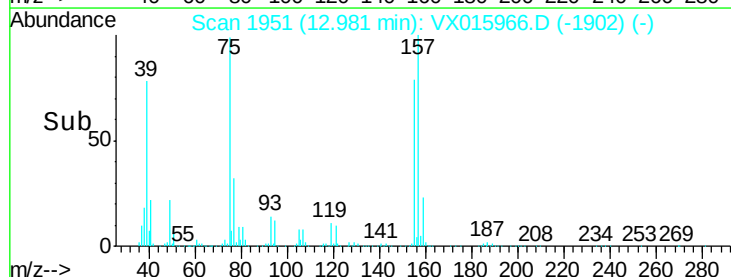
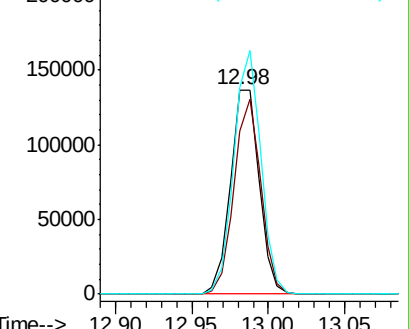
157 112.1 56.0 168.2

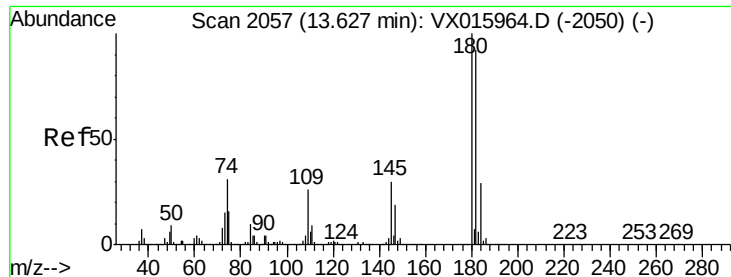


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

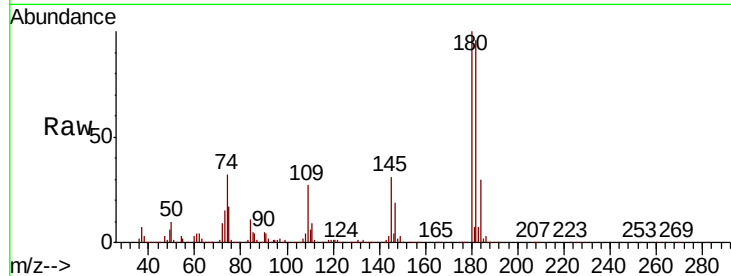




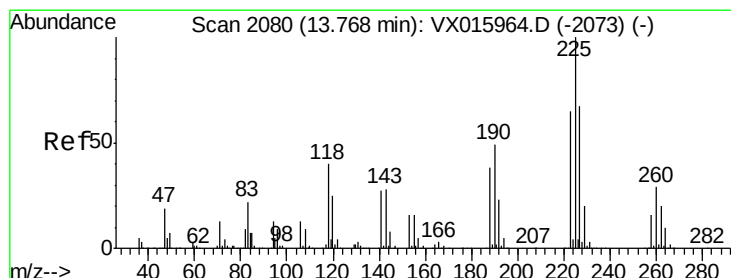
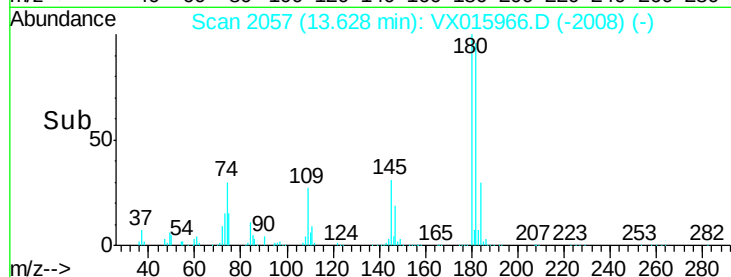
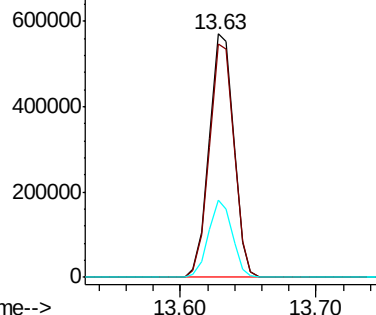
#93
 1,2,4-Trichlorobenzene
 Concen: 147.749 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 16:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:180 Resp: 718453
 Ion Ratio Lower Upper
 180 100
 182 96.2 46.9 140.6
 145 30.6 14.7 44.1

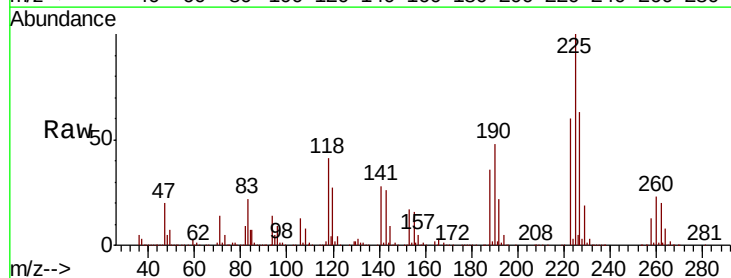


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

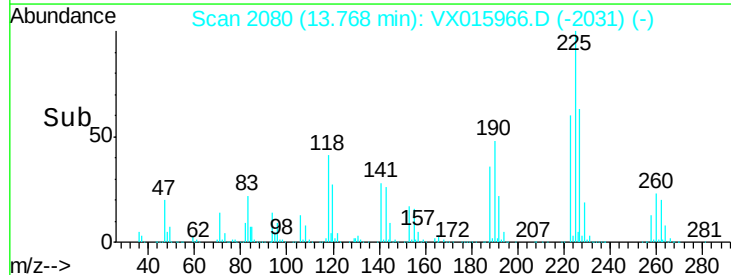
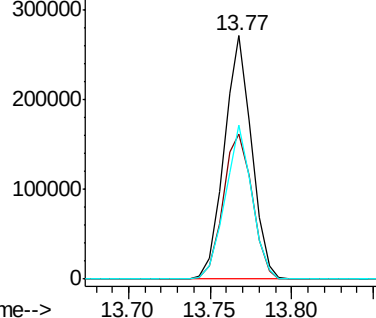


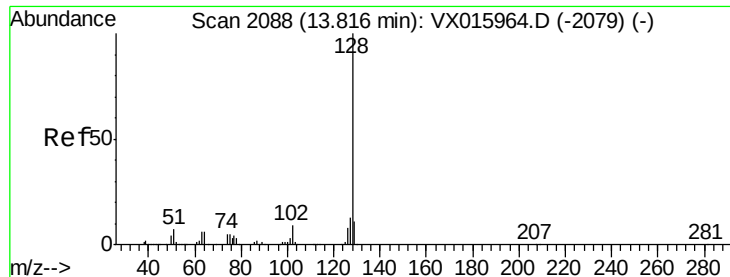
#94
 Hexachlorobutadiene
 Concen: 145.965 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 16:54

Tgt Ion:225 Resp: 317120
 Ion Ratio Lower Upper
 225 100
 223 63.7 32.0 96.0
 227 62.1 33.0 99.0



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





#95

Naphthalene

Concen: 151.222 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Instrument :

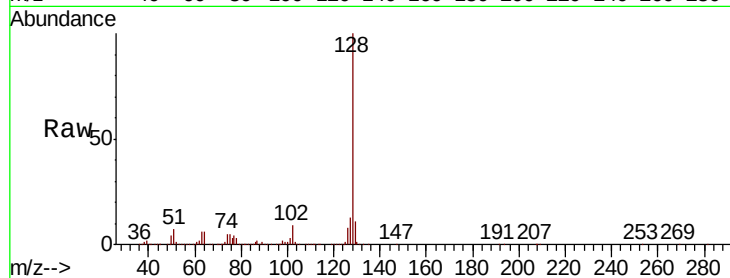
MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 2319237

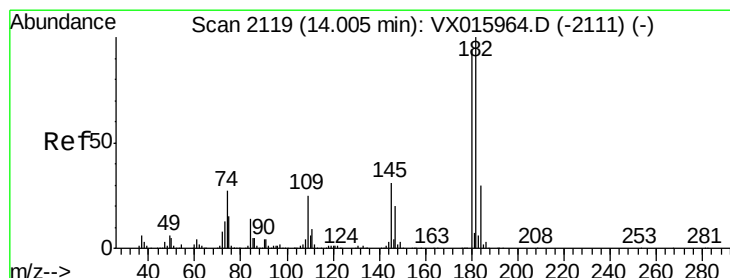
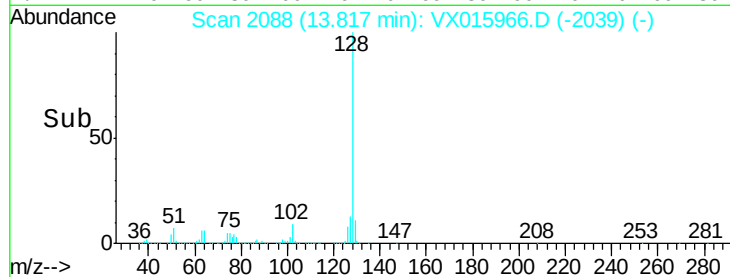
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.1	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 149.494 ug/l

RT: 14.01 min Scan# 2119

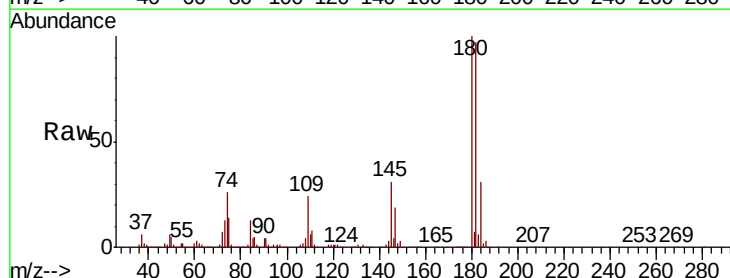
Delta R.T. 0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 16:54

Tgt Ion:180 Resp: 699965

Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.7	146.1
145	31.5	16.1	48.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

