

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050119\
 Data File : VX009254.D
 Acq On : 01 May 2019 12:40
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Quant Time: May 02 06:35:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:30:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	28360	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	175453	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	159364	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	72878	31.22	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.07%
60) 4-Bromofluorobenzene	11.13	95	82893	30.31	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.03%
63) Toluene-d8	8.71	98	223639	29.03	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.77%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	236956	158.495	ug/l 100
3) Chloromethane	1.32	50	323227	162.588	ug/l 99
4) Vinyl Chloride	1.41	62	316870	158.063	ug/l 98
5) Bromomethane	1.64	94	203926	179.341	ug/l 96
6) Chloroethane	1.70	64	206377	153.440	ug/l 99
7) Trichlorofluoromethane	1.92	101	382485	156.818	ug/l 100
8) Diethyl Ether	2.19	74	179418	158.295	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	238095	155.939	ug/l 100
10) 1,1-Dichloroethene	2.36	96	241288	157.339	ug/l 97
11) Methyl Iodide	2.50	142	312378	201.975	ug/l 100
12) Methyl Acetate	2.78	43	436398	155.762	ug/l 99
13) Acrolein	2.29	56	307560	839.889	ug/l 99
14) Acrylonitrile	3.15	53	977206	790.014	ug/l 99
15) Acetone	2.45	58	272760	742.263	ug/l 96
16) Carbon Disulfide	2.56	76	677014	164.599	ug/l 99
17) Allyl chloride	2.72	41	585682	161.991	ug/l 95
18) Methylene Chloride	2.85	84	287892	157.549	ug/l 96
19) trans-1,2-Dichloroethene	3.16	96	258035	159.582	ug/l 96
20) Diisopropyl ether	3.86	45	1117825	155.452	ug/l 89
21) 1,1-Dichloroethane	3.70	63	547698	159.165	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	308112	158.127	ug/l 98
23) tert-Butyl Alcohol	3.07	59	419730	832.494	ug/l 100
24) Methyl tert-Butyl Ether	3.20	73	938662	160.618	ug/l 99
25) Chloroform	5.21	83	496766	156.194	ug/l 99
26) Cyclohexane	5.57	56	519113	158.328	ug/l # 99
29) 1,1-Dichloropropene	5.80	75	386313	151.594	ug/l 99
30) 2-Butanone	4.68	43	1496967	750.516	ug/l 99
31) 2,2-Dichloropropane	4.58	77	426468	153.320	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	423263	158.130	ug/l 96
33) Carbon Tetrachloride	5.78	117	355350	156.163	ug/l 98
34) Benzene	6.14	78	1175964	148.835	ug/l 98
35) Methacrylonitrile	5.04	41	314342	150.372	ug/l 96
36) 1,2-Dichloroethane	6.19	62	420938	147.888	ug/l 99
37) Trichloroethene	7.21	130	286152	154.609	ug/l 94
38) Methylcyclohexane	7.46	83	476866	153.082	ug/l 99
39) 1,2-Dichloropropane	7.51	63	337657	152.219	ug/l 99
40) Dibromomethane	7.66	93	192946	152.709	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:30:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	402785	159.198	ug/l	98
42) Vinyl Acetate	3.82	43	4981047	753.443	ug/l	99
43) Ethyl Acetate	4.84	43	548130	148.540	ug/l	99
44) Isopropyl Acetate	6.45	43	899392	158.407	ug/l	99
45) 1,4-Dioxane	7.74	88	170630	3022.978	ug/l	99
46) Methyl methacrylate	7.77	41	453657	158.058	ug/l	99
47) n-amyl Acetate	10.90	43	834396	164.583	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	489126	169.059	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	519515	161.289	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	295120	152.151	ug/l	98
51) Ethyl methacrylate	9.18	69	570625	161.988	ug/l	99
52) 1,3-Dichloropropane	9.37	76	520211	150.979	ug/l	99
53) Dibromochloromethane	9.59	129	313454	168.079	ug/l	99
54) 1,2-Dibromoethane	9.67	107	305158	154.852	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	1472128	741.835	ug/l	100
56) Bromoform	10.86	173	250293	180.598	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	2907507	746.123	ug/l	99
59) 2-Hexanone	9.49	43	2246432	730.929	ug/l	99
61) Tetrachloroethene	9.34	164	248051	141.348	ug/l	99
62) Toluene	8.79	91	1246526	145.612	ug/l	100
64) Chlorobenzene	10.14	112	765545	151.586	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	286863	156.954	ug/l	98
66) Ethyl Benzene	10.25	91	1412491	149.562	ug/l	100
67) m/p-Xylenes	10.36	106	1040311	302.491	ug/l	99
68) o-Xylene	10.70	106	511502	152.985	ug/l	98
69) Styrene	10.71	104	918091	156.290	ug/l	100
70) Isopropylbenzene	11.02	105	1361331	149.400	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	498371	152.148	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	616471	213.391	ug/l	83
73) Bromobenzene	11.26	156	342229	152.665	ug/l	98
74) n-propylbenzene	11.36	91	1621476	154.979	ug/l	99
75) 2-Chlorotoluene	11.42	91	954077	151.434	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	1179111	154.095	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	193855	181.839	ug/l	95
78) 4-Chlorotoluene	11.51	91	1115512	158.181	ug/l	99
79) tert-butylbenzene	11.77	119	1142246	154.537	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	1179286	154.329	ug/l	99
81) sec-Butylbenzene	11.94	105	1366381	156.067	ug/l	100
82) p-Isopropyltoluene	12.06	119	1246236	156.872	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	616813	158.708	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	614875	160.619	ug/l	99
85) n-Butylbenzene	12.38	91	1187964	168.482	ug/l	100
86) Hexachloroethane	12.60	117	221776	164.441	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	613644	154.499	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	117764	155.746	ug/l	100
89) 1,2,4-Trichlorobenzene	13.65	180	453183	166.633	ug/l	98
90) Hexachlorobutadiene	13.78	225	221691	160.795	ug/l	99
91) Naphthalene	13.83	128	1441298	154.710	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	447559	156.428	ug/l	99

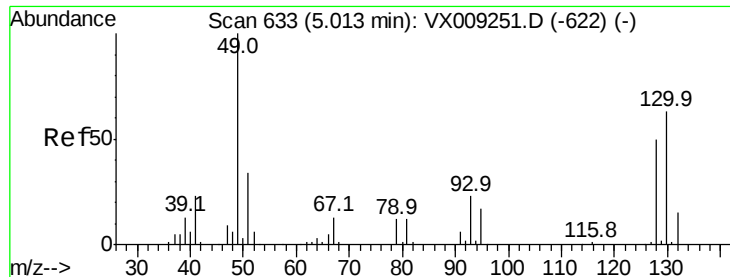
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050119\
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QLast Update : Thu May 02 06:30:24 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

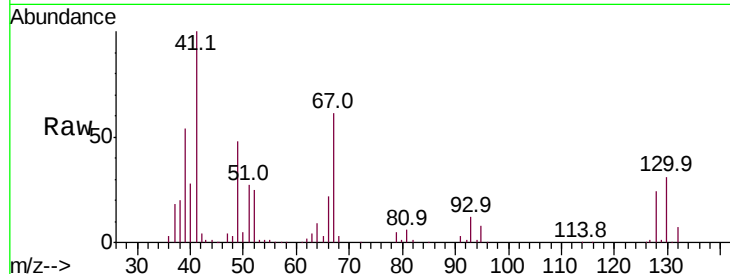
Tot Ion:128 Resp: 28360

Ion Ratio Lower Upper

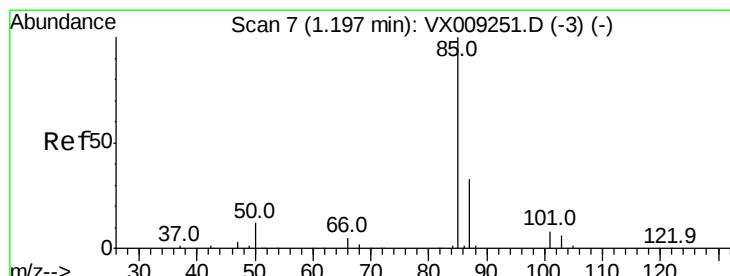
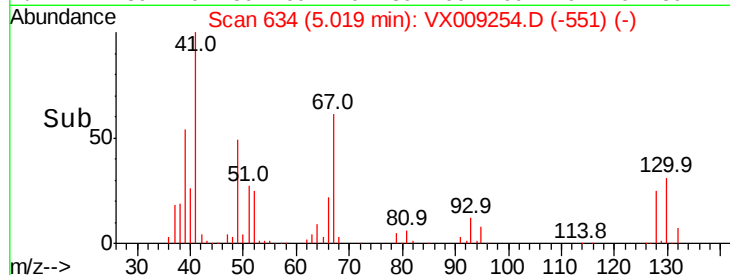
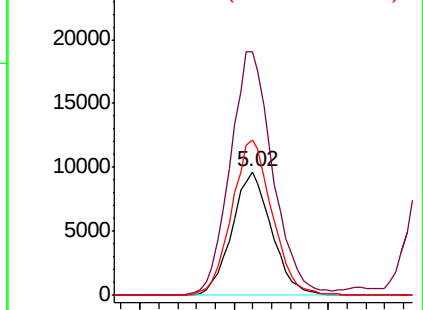
128 100

49 212.6 0.0 515.0

130 128.1 0.0 323.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 158.495 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009254.D

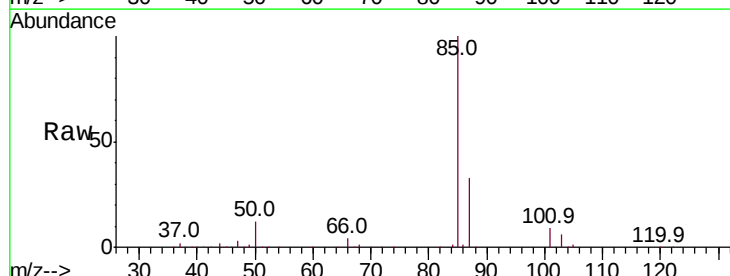
Acq: 01 May 2019 12:40

Tgt Ion: 85 Resp: 236956

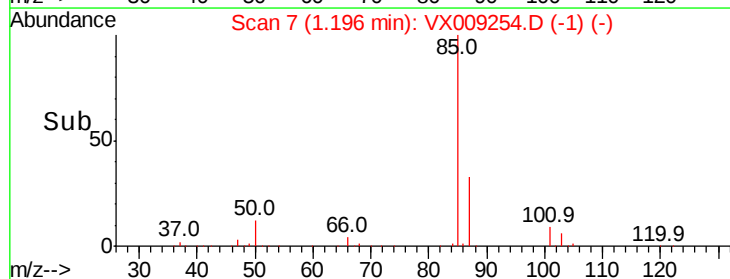
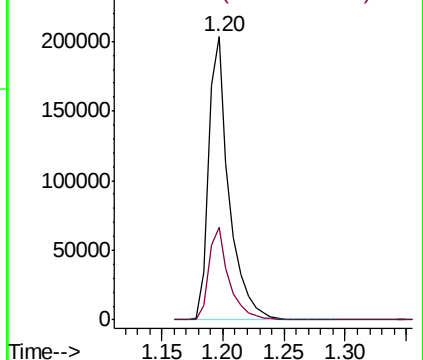
Ion Ratio Lower Upper

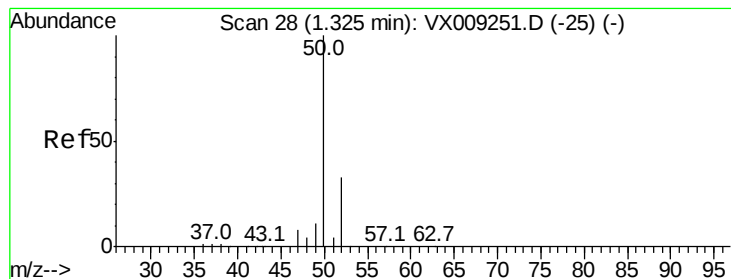
85 100

87 32.7 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 162.588 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

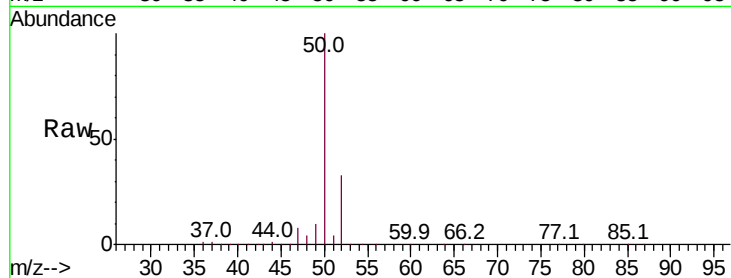
VSTDIC150

Tot Ion: 50 Resp: 323227

Ion Ratio Lower Upper

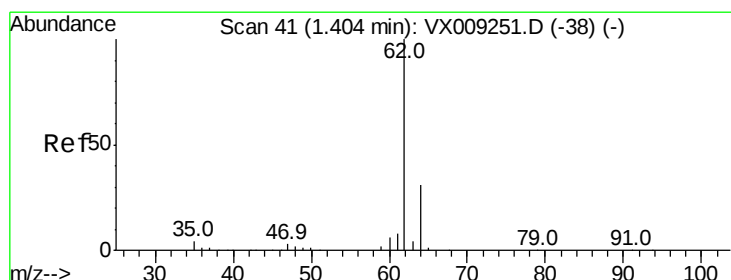
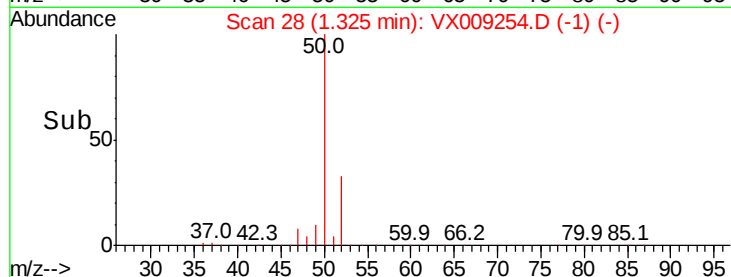
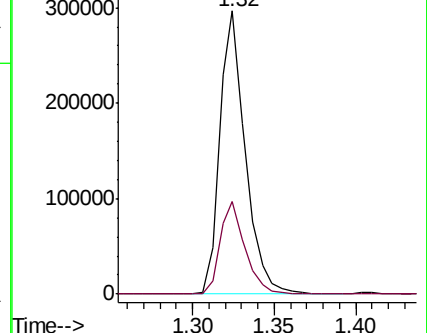
50 100

52 32.6 26.3 39.5



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 158.063 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX009254.D

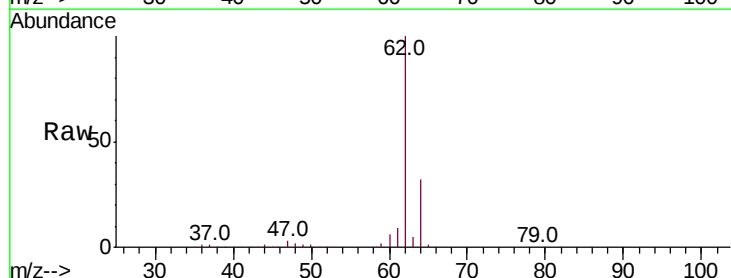
Acq: 01 May 2019 12:40

Tgt Ion: 62 Resp: 316870

Ion Ratio Lower Upper

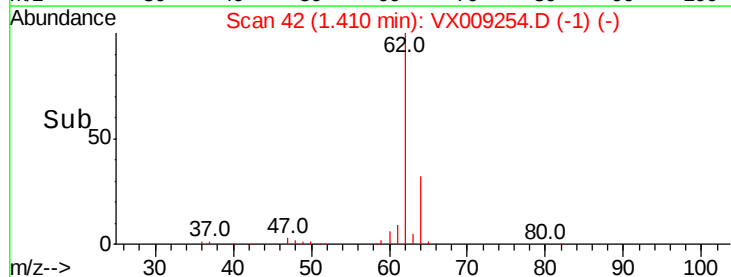
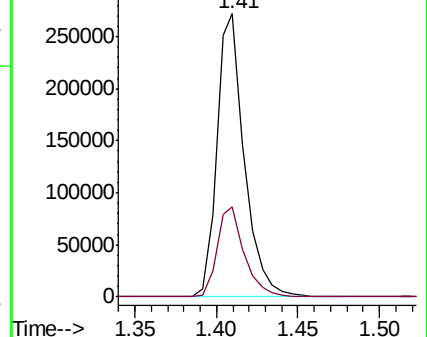
62 100

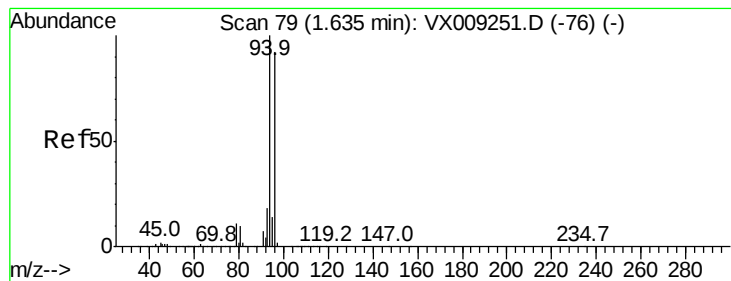
64 31.7 24.6 36.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 179.341 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

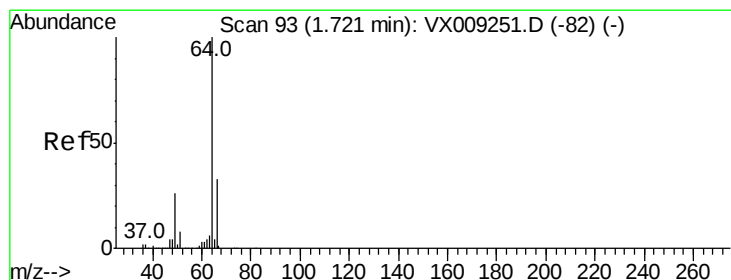
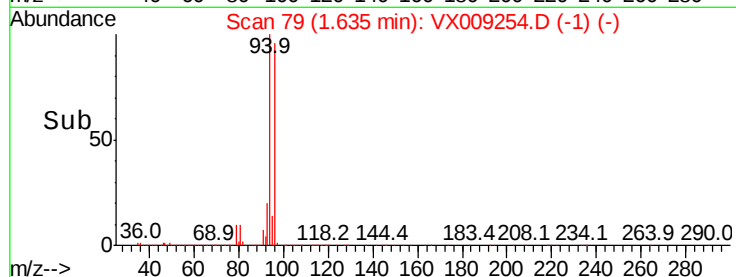
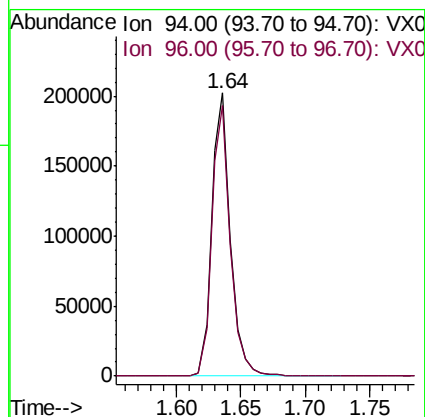
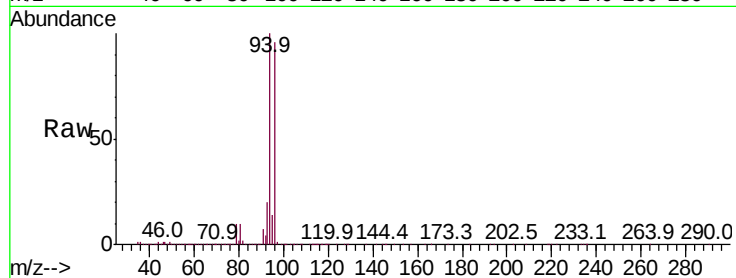
VSTDIC150

Tot Ion: 94 Resp: 203926

Ion Ratio Lower Upper

94 100

96 95.6 73.5 110.3



#6

Chloroethane

Concen: 153.440 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.02 min

Lab File: VX009254.D

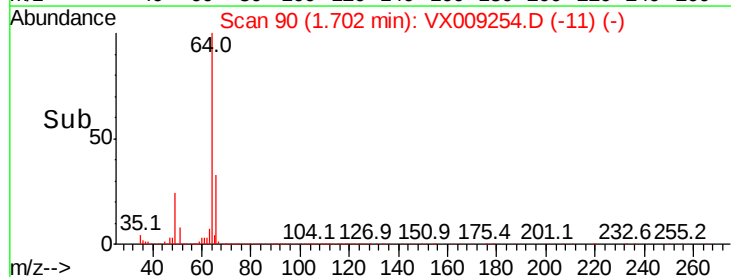
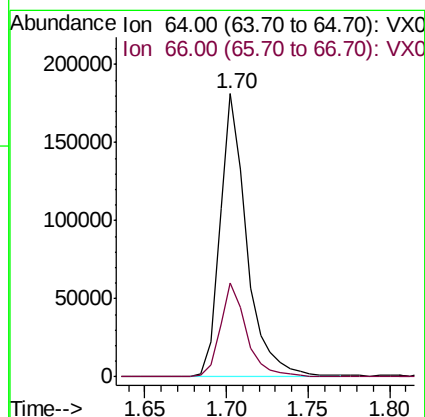
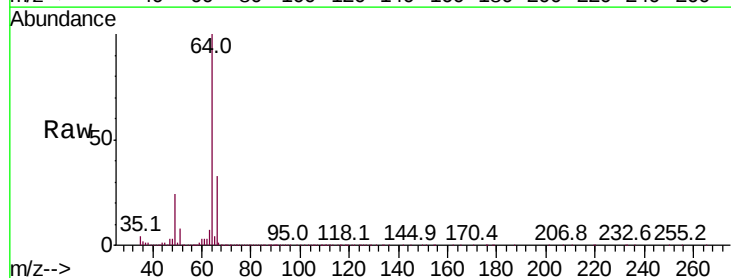
Acq: 01 May 2019 12:40

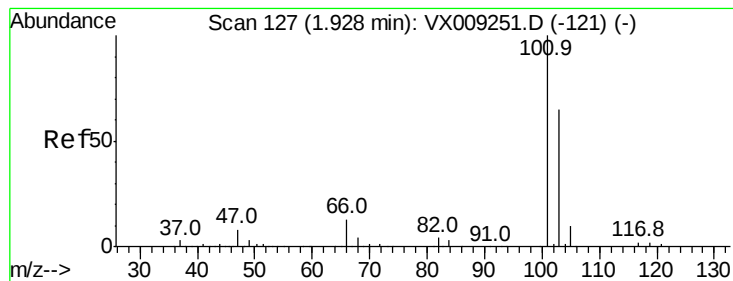
Tgt Ion: 64 Resp: 206377

Ion Ratio Lower Upper

64 100

66 33.1 25.9 38.9



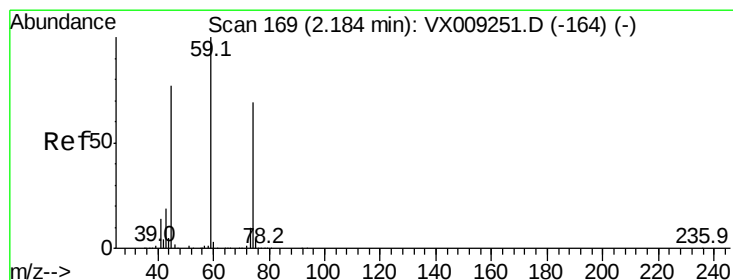
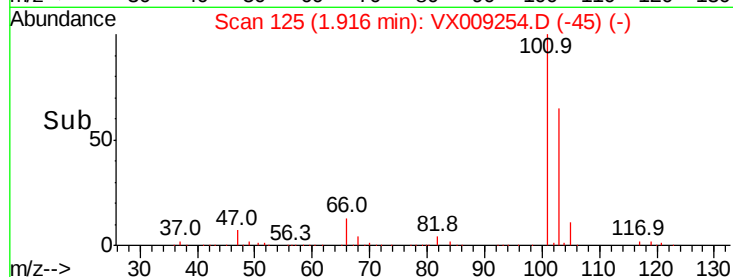
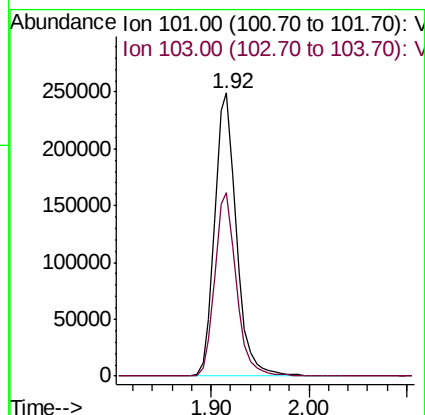
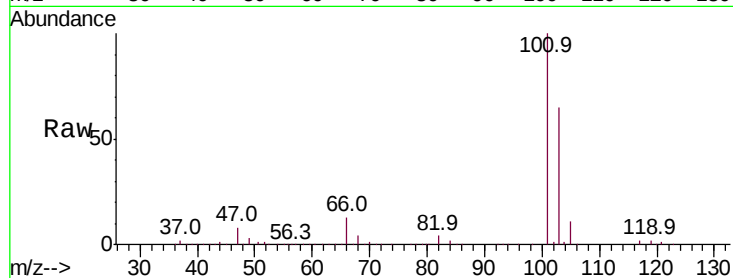


#7

Trichlorofluoromethane
 Concen: 156.818 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX009254.D
 Acq: 01 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

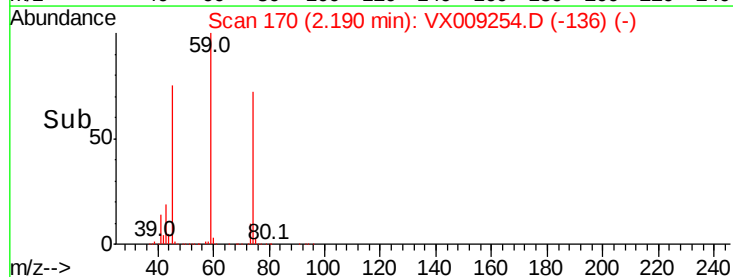
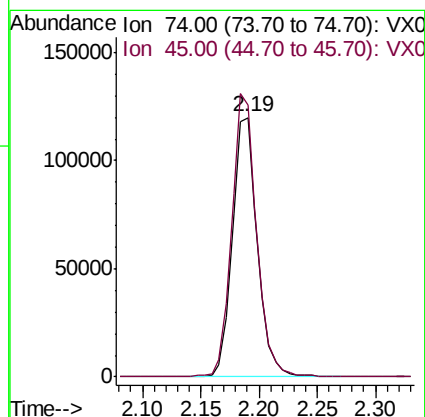
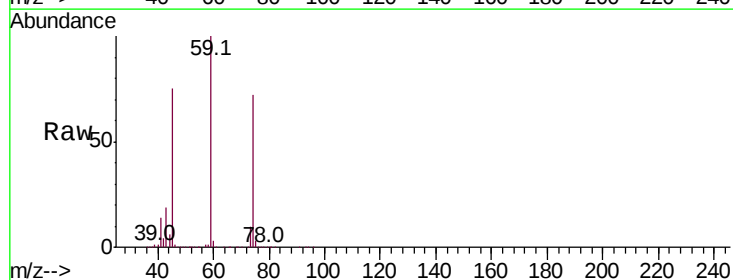
Tot Ion:101 Resp: 382485
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.9 77.9

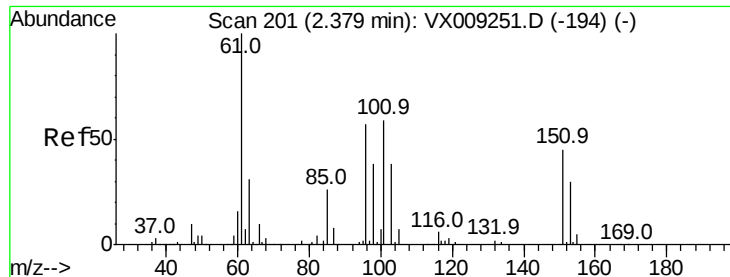


#8

Diethyl Ether
 Concen: 158.295 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009254.D
 Acq: 01 May 2019 12:40

Tgt Ion: 74 Resp: 179418
 Ion Ratio Lower Upper
 74 100
 45 107.8 21.5 193.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 155.939 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

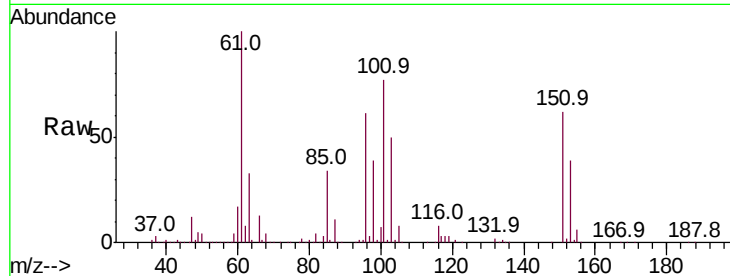
Tot Ion:101 Resp: 238095

Ion Ratio Lower Upper

101 100

85 44.0 0.0 87.4

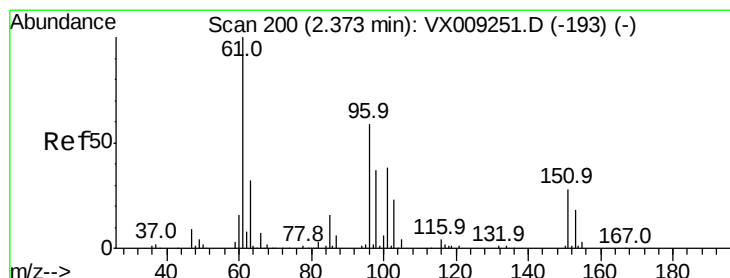
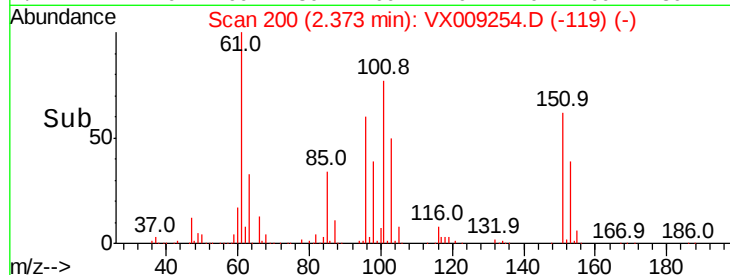
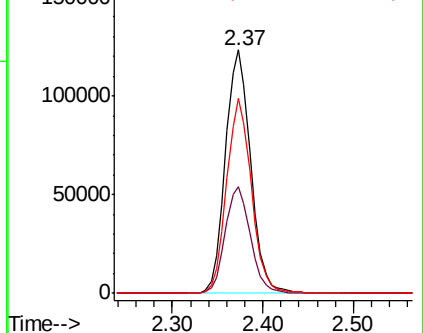
151 78.9 0.0 157.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 157.339 ug/l

RT: 2.36 min Scan# 198

Delta R.T. -0.01 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

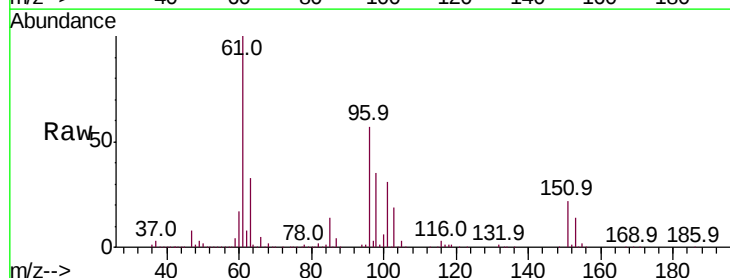
Tgt Ion: 96 Resp: 241288

Ion Ratio Lower Upper

96 100

61 175.8 136.5 204.7

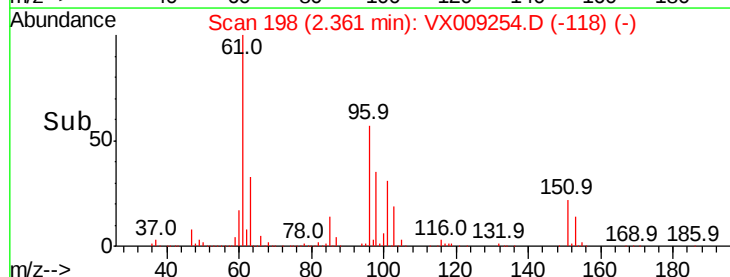
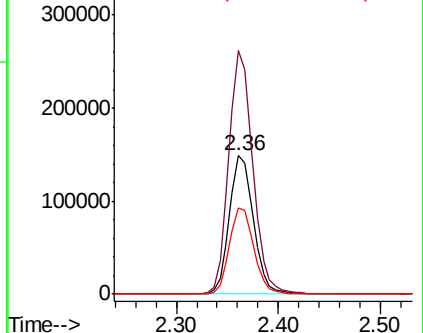
98 62.3 51.0 76.4

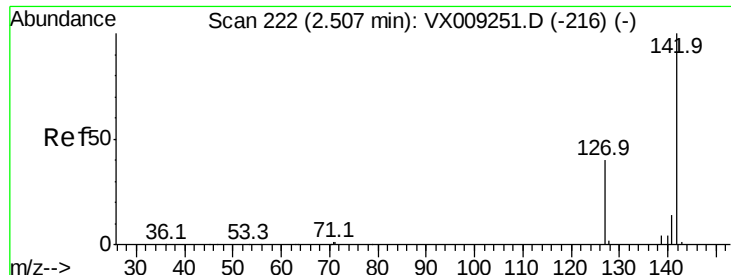


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

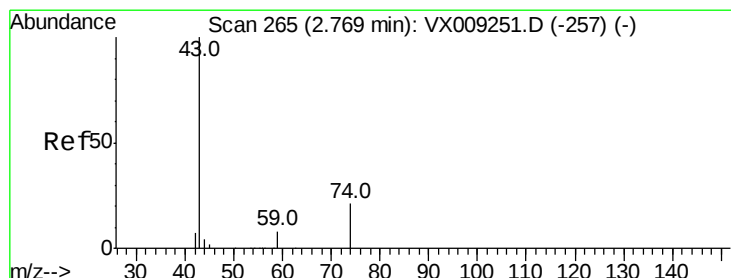
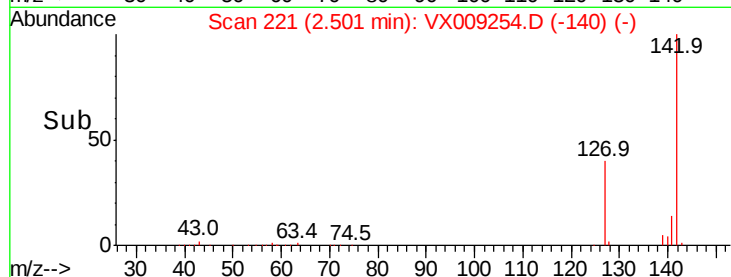
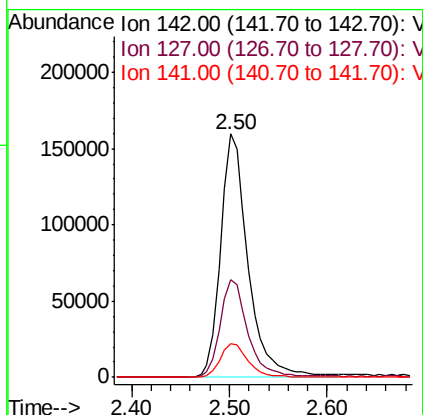
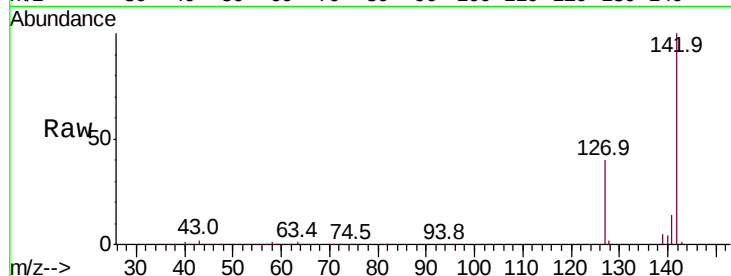




#11
Methvl Iodide
Concen: 201.975 ug/l
RT: 2.50 min Scan# 221
Delta R.T. -0.01 min
Lab File: VX009254.D
Acq: 01 May 2019 12:40

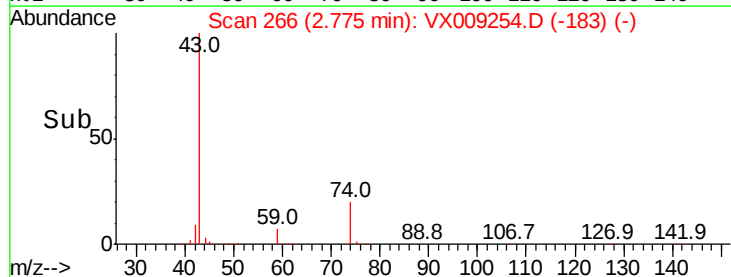
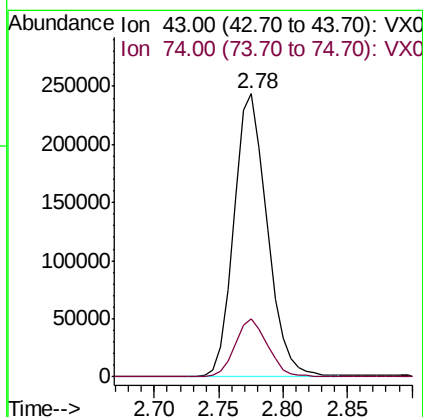
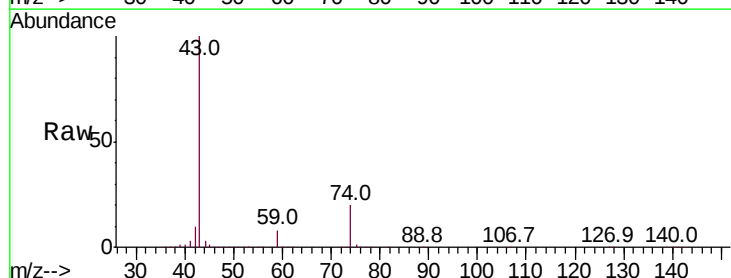
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

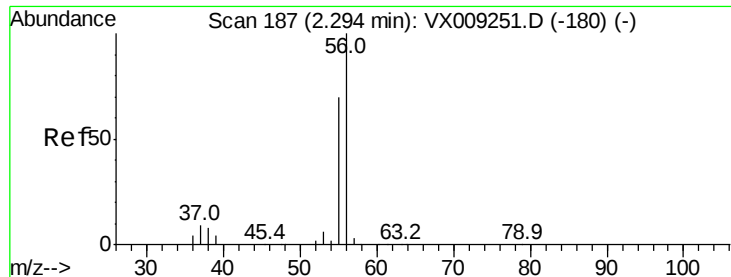
Tot Ion:142 Resp: 312378
Ion Ratio Lower Upper
142 100
127 40.0 20.2 60.5
141 14.1 6.9 20.7



#12
Methyl Acetate
Concen: 155.762 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX009254.D
Acq: 01 May 2019 12:40

Tgt Ion: 43 Resp: 436398
Ion Ratio Lower Upper
43 100
74 20.3 16.5 24.7





#13

Acrolein

Concen: 839.889 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

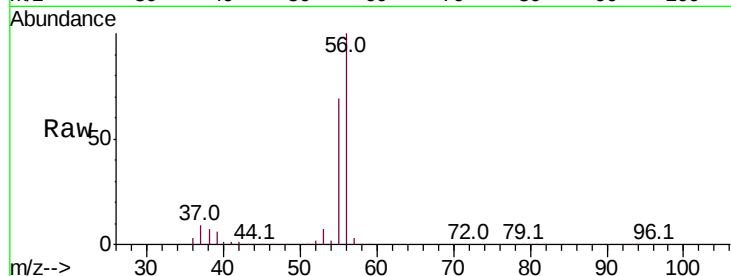
VSTDIC150

Tot Ion: 56 Resp: 307560

Ion Ratio Lower Upper

56 100

55 70.5 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

200000

150000

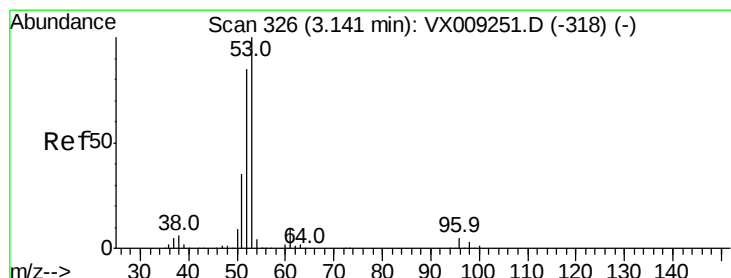
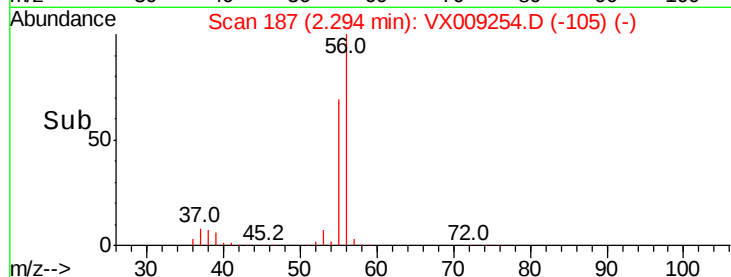
100000

50000

0

2.20 2.30 2.40

Time-->



#14

Acrylonitrile

Concen: 790.014 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

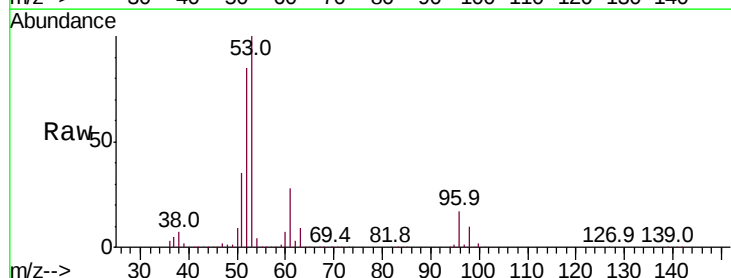
Tgt Ion: 53 Resp: 977206

Ion Ratio Lower Upper

53 100

52 83.7 41.5 124.5

51 35.4 17.8 53.3



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

600000

500000

400000

300000

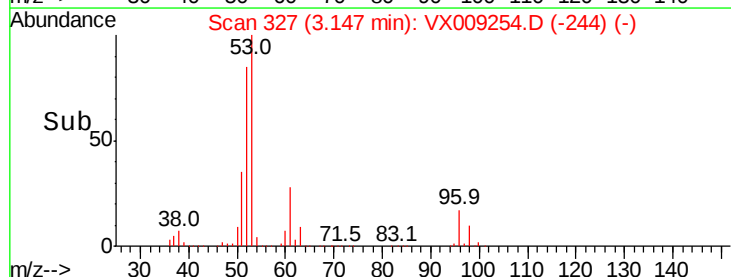
200000

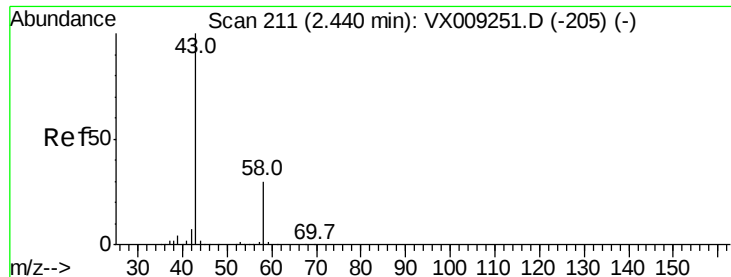
100000

0

3.10 3.20 3.30

Time-->





#15

Acetone

Concen: 742.263 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

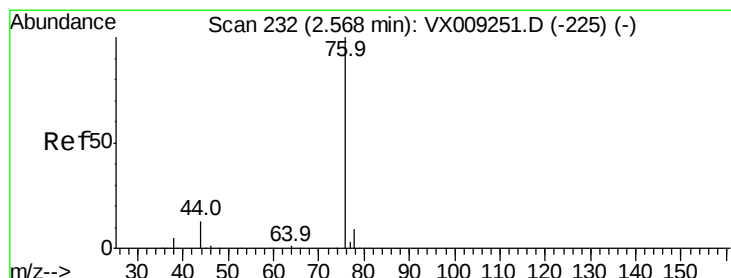
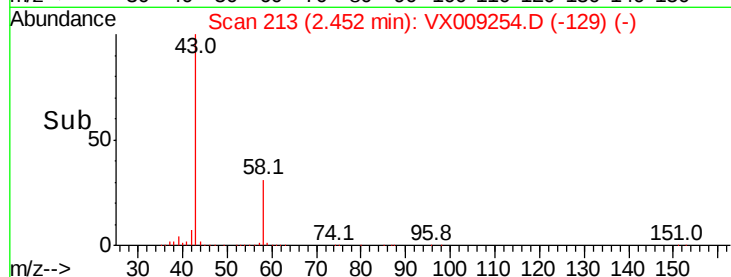
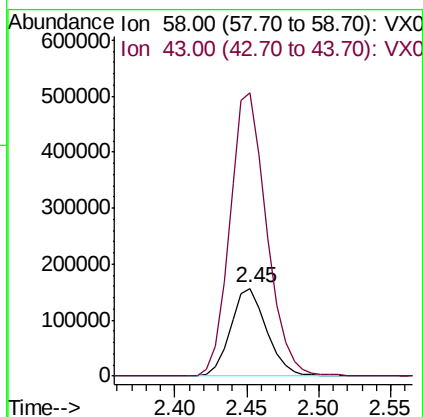
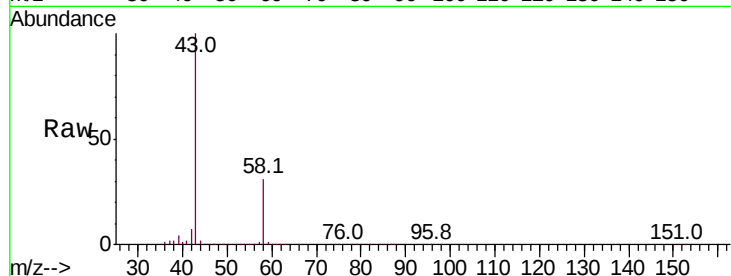
VSTDIC150

Tot Ion: 58 Resp: 272760

Ion Ratio Lower Upper

58 100

43 322.4 264.0 396.0



#16

Carbon Disulfide

Concen: 164.599 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX009254.D

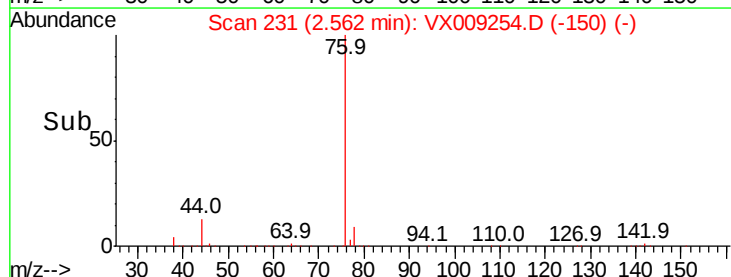
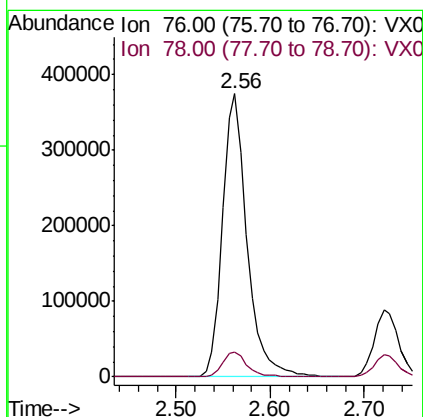
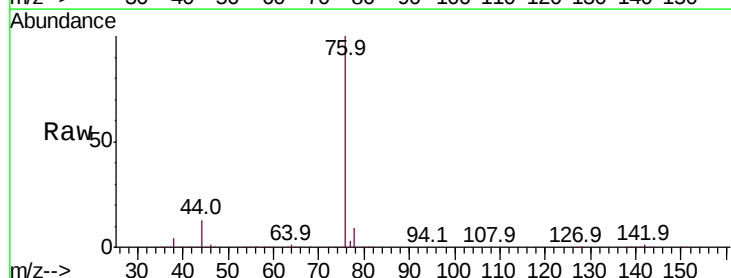
Acq: 01 May 2019 12:40

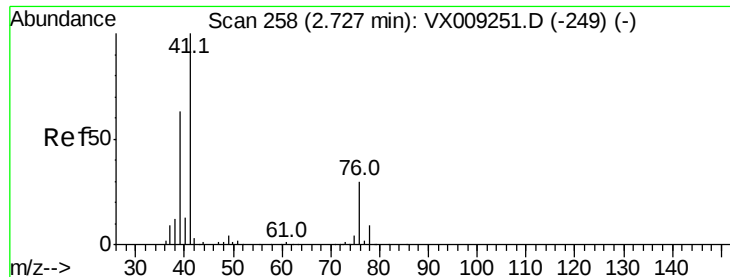
Tgt Ion: 76 Resp: 677014

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2





#17

Allvl chloride

Concen: 161.991 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

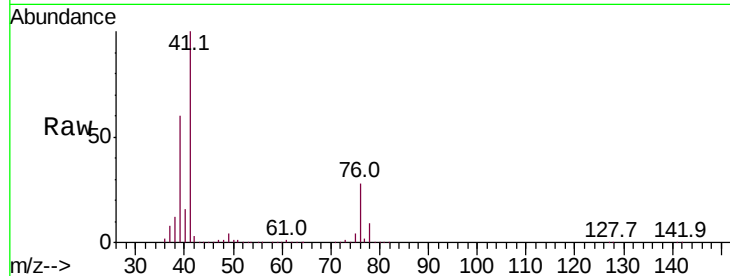
Tot Ion: 41 Resp: 585682

Ion Ratio Lower Upper

41 100

39 59.7 31.6 94.7

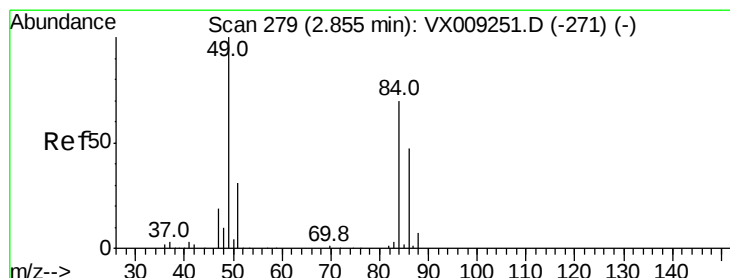
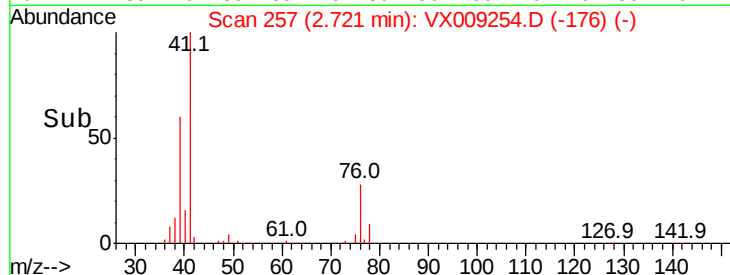
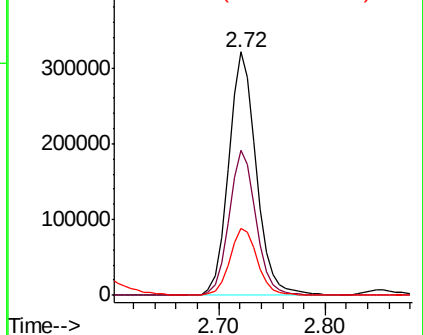
76 27.5 15.1 45.3



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 157.549 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Tgt Ion: 84 Resp: 287892

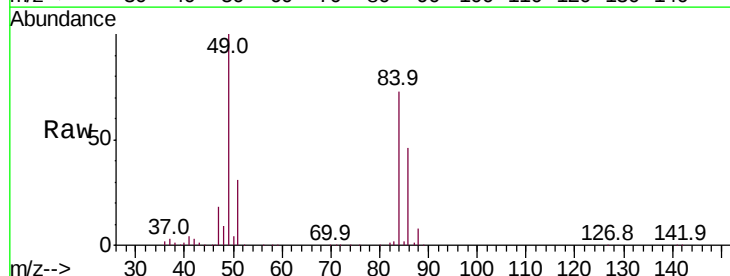
Ion Ratio Lower Upper

84 100

49 137.0 114.6 171.8

51 42.6 35.5 53.3

86 63.3 53.4 80.2

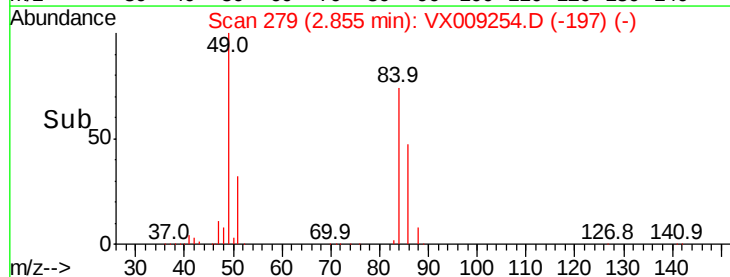
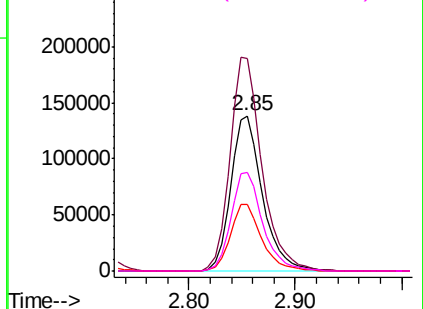


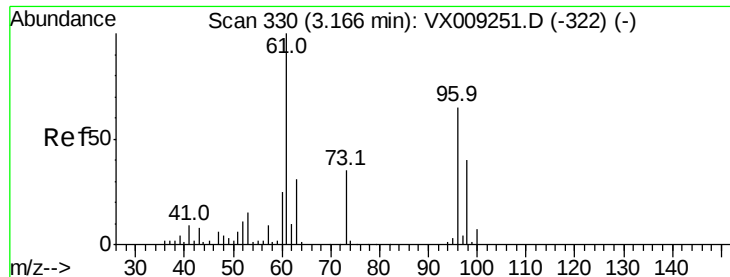
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

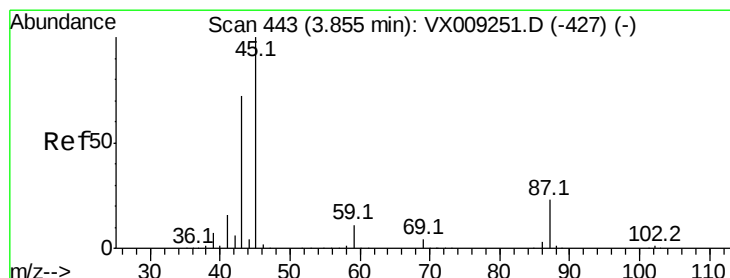
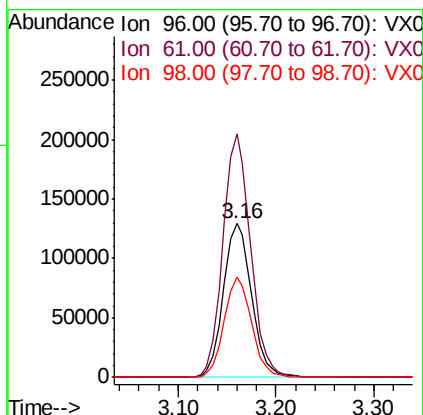
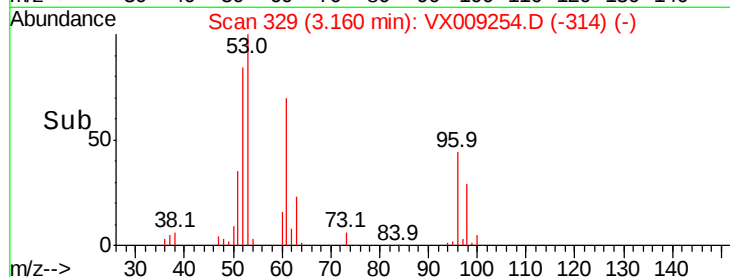
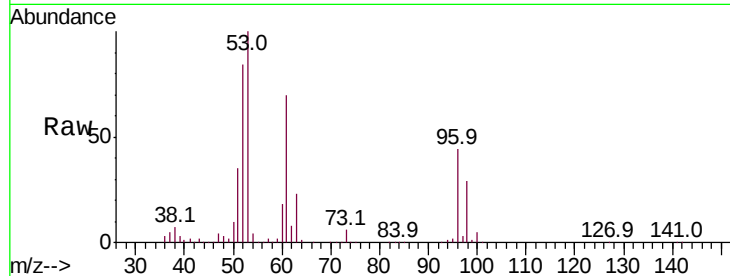




#19
trans-1,2-Dichloroethene
Concen: 159.582 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX009254.D
Acq: 01 May 2019 12:40

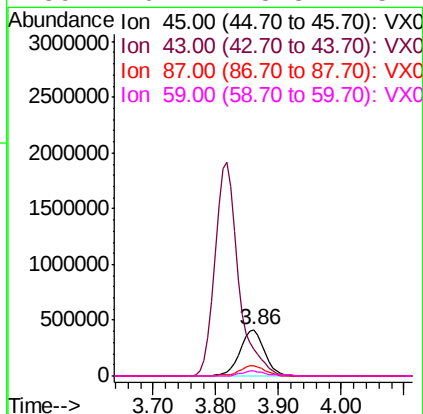
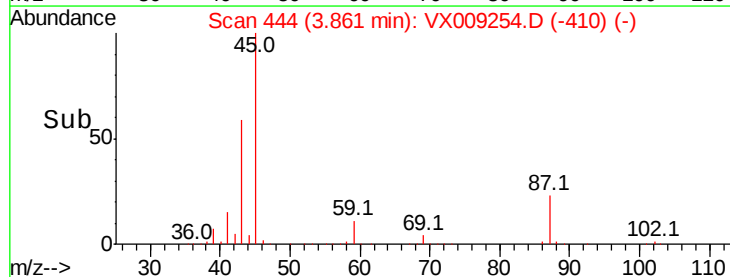
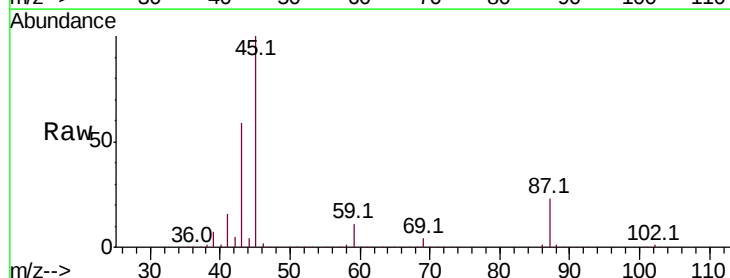
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

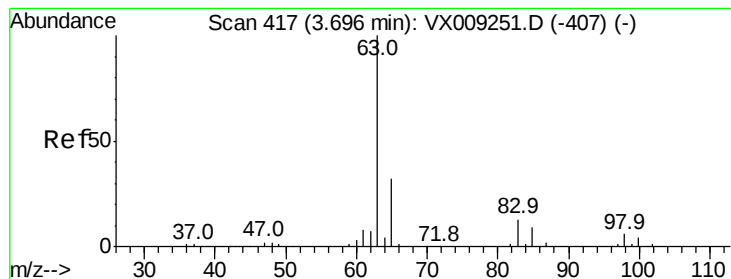
Tot Ion: 96 Resp: 258035
Ion Ratio Lower Upper
96 100
61 158.4 122.7 184.1
98 64.9 49.5 74.3



#20
Diisopropyl ether
Concen: 155.452 ug/l
RT: 3.86 min Scan# 444
Delta R.T. 0.01 min
Lab File: VX009254.D
Acq: 01 May 2019 12:40

Tgt Ion: 45 Resp: 1117825
Ion Ratio Lower Upper
45 100
43 59.2 57.7 86.5
87 22.7 18.5 27.7
59 10.7 8.8 13.2





#21

1,1-Dichloroethane

Concen: 159.165 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

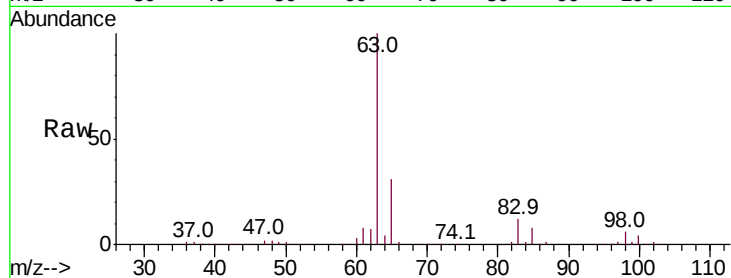
Tot Ion: 63 Resp: 547698

Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.3

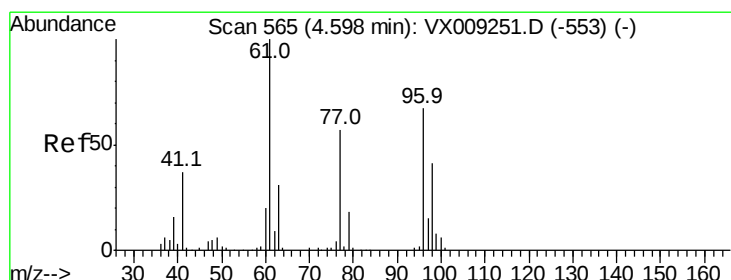
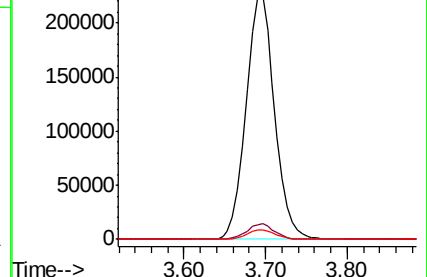
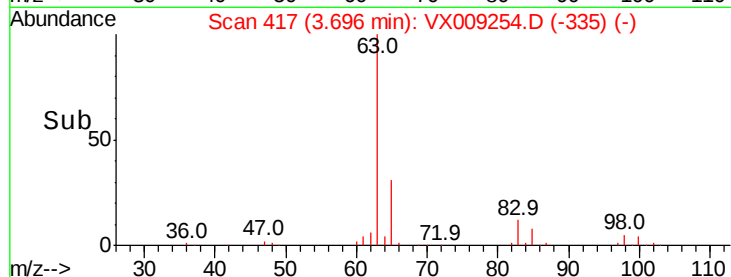
100 3.8 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 158.127 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

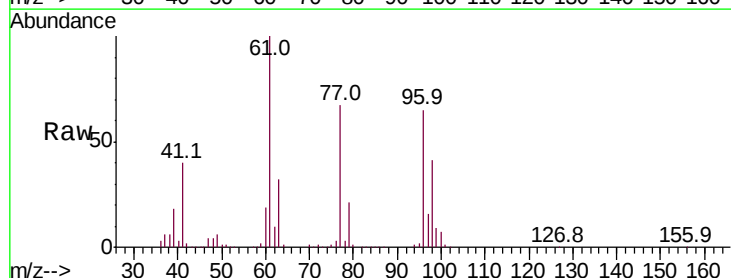
Tgt Ion: 96 Resp: 308112

Ion Ratio Lower Upper

96 100

61 162.5 127.7 191.5

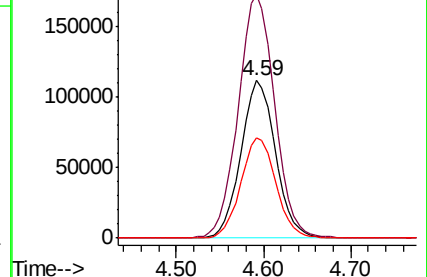
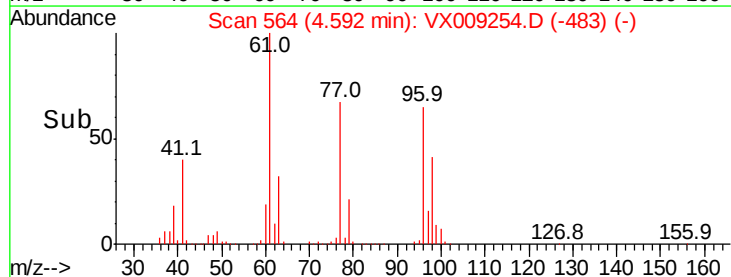
98 64.6 50.5 75.7

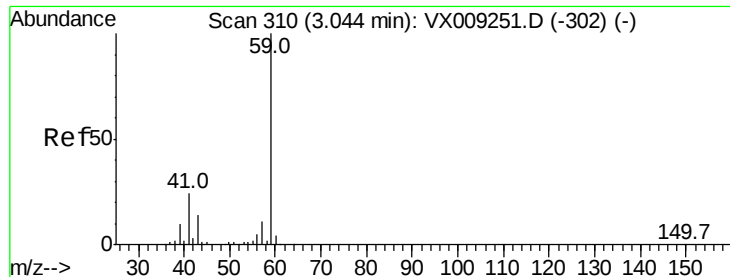


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 832.494 ug/l

RT: 3.07 min Scan# 315

Delta R.T. 0.03 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

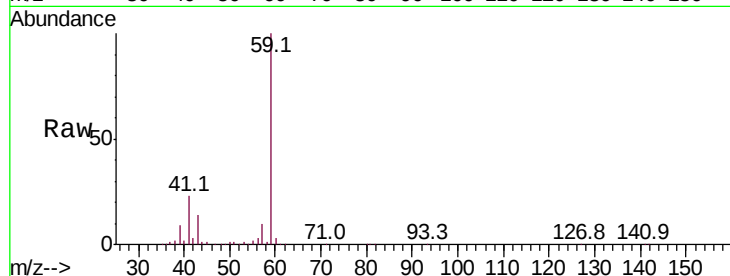
VSTDIC150

Tot Ion: 59 Resp: 419730

Ion Ratio Lower Upper

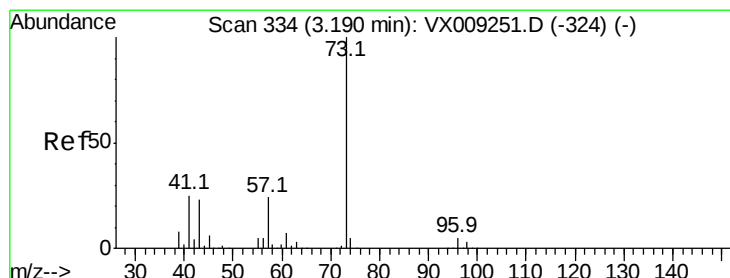
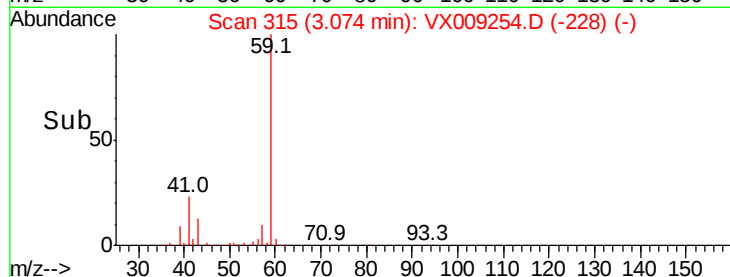
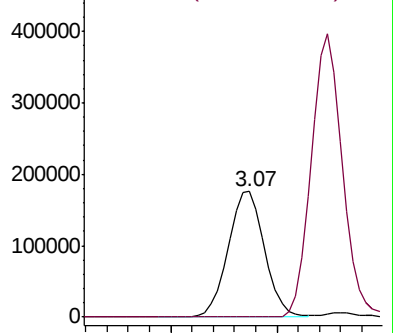
59 100

52 0.2 0.2 0.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 160.618 ug/l

RT: 3.20 min Scan# 335

Delta R.T. 0.01 min

Lab File: VX009254.D

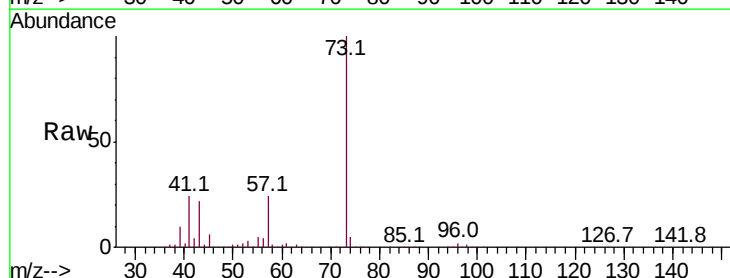
Acq: 01 May 2019 12:40

Tgt Ion: 73 Resp: 938662

Ion Ratio Lower Upper

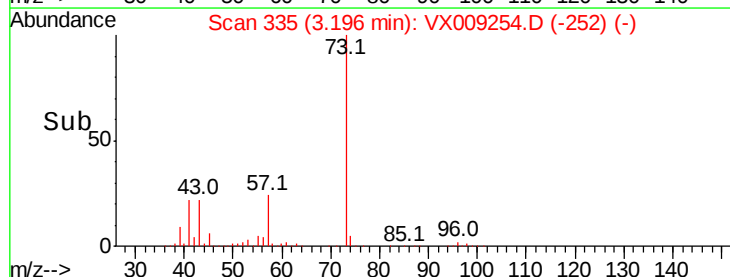
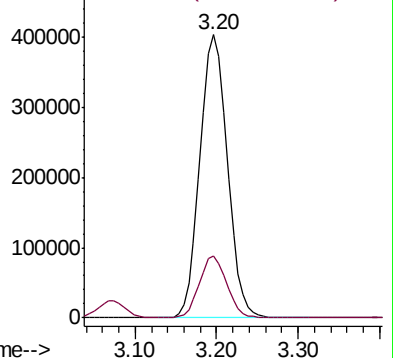
73 100

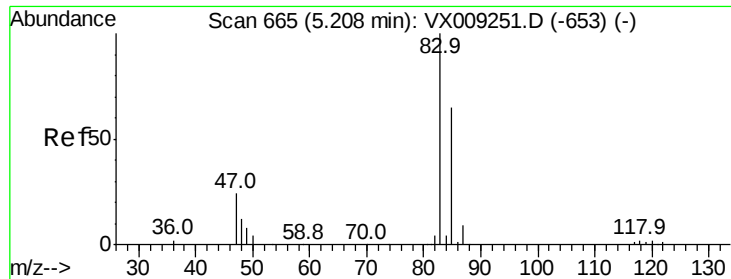
43 21.6 17.6 26.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

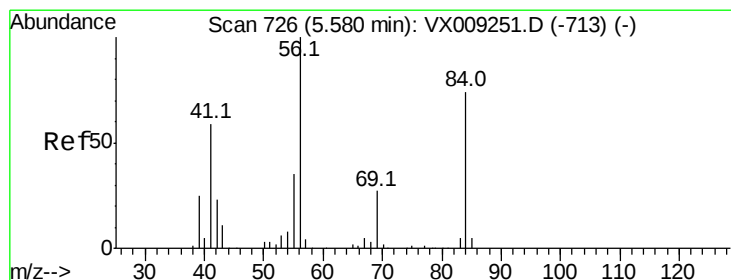
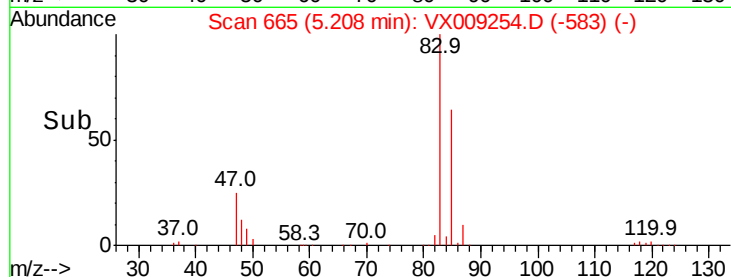
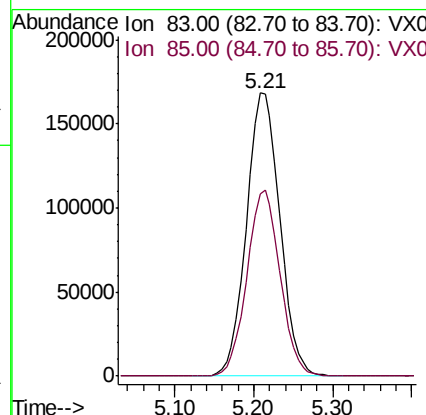
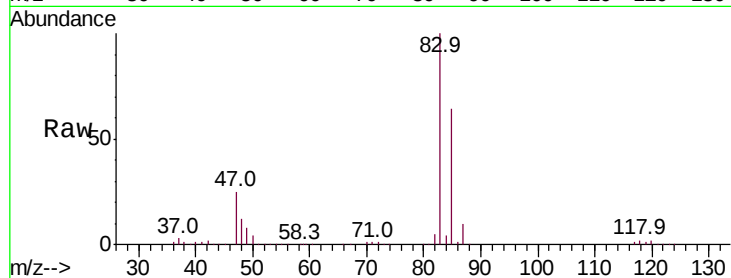




#25
Chloroform
Concen: 156.194 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX009254.D
Acq: 01 May 2019 12:40

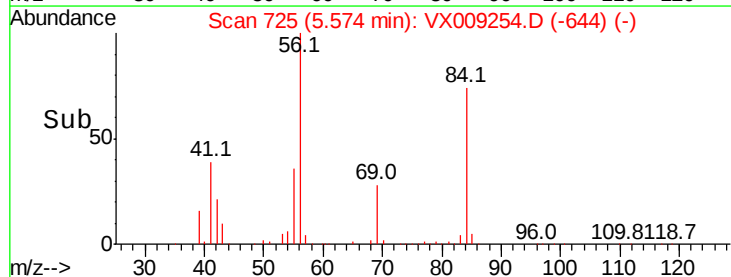
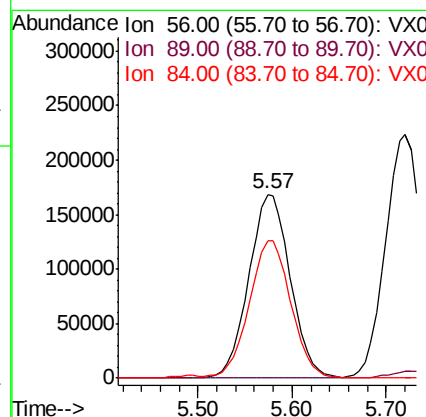
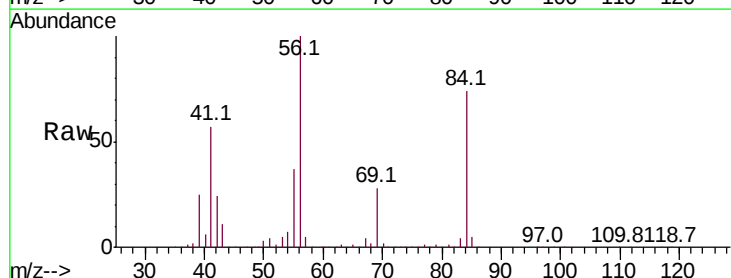
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

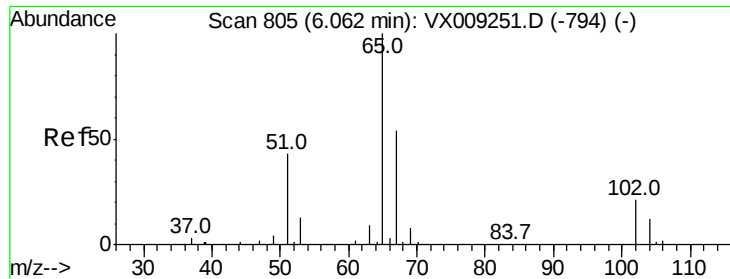
Tot Ion: 83 Resp: 496766
Ion Ratio Lower Upper
83 100
85 64.2 51.9 77.9



#26
Cyclohexane
Concen: 158.328 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009254.D
Acq: 01 May 2019 12:40

Tgt Ion: 56 Resp: 519113
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 75.4 59.7 89.5





#27

1,2-Dichloroethane-d4

Concen: 31.223 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

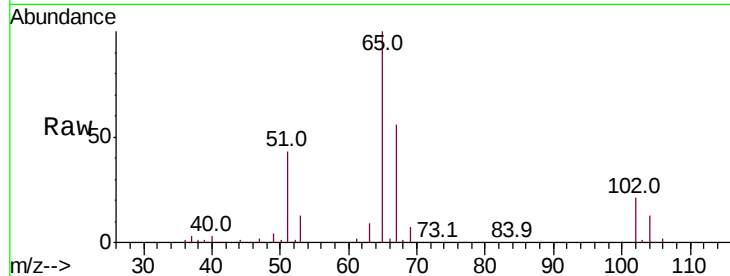
VSTDIC150

Tot Ion: 65 Resp: 72878

Ion Ratio Lower Upper

65 100

67 54.5 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.06

25000

20000

15000

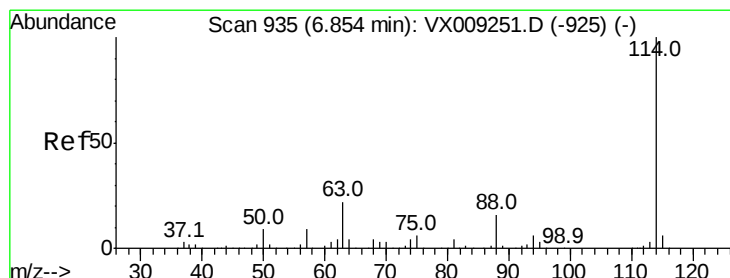
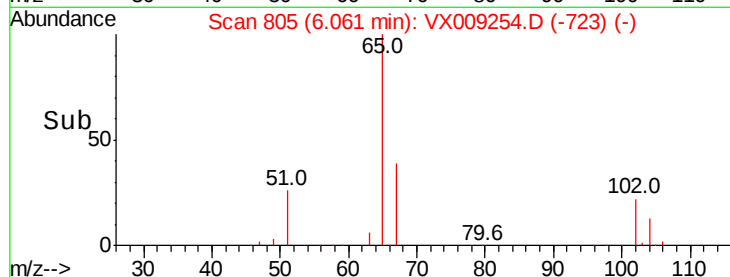
10000

5000

0

Time-->

6.00 6.10



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.01 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

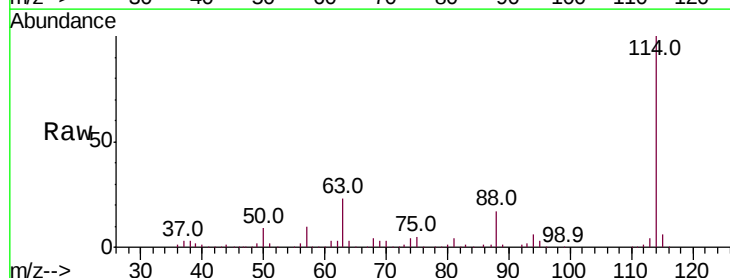
Tgt Ion:114 Resp: 175453

Ion Ratio Lower Upper

114 100

63 23.1 18.0 27.0

88 16.8 13.4 20.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

100000

80000

60000

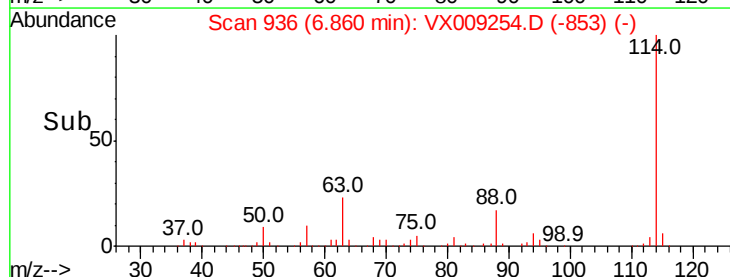
40000

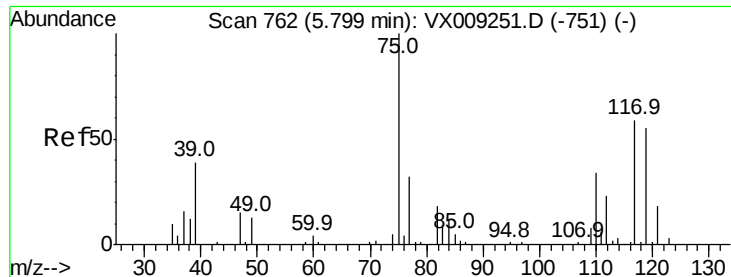
20000

0

Time-->

6.80 6.90 7.00





#29

1,1-Dichloropropene

Concen: 151.594 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

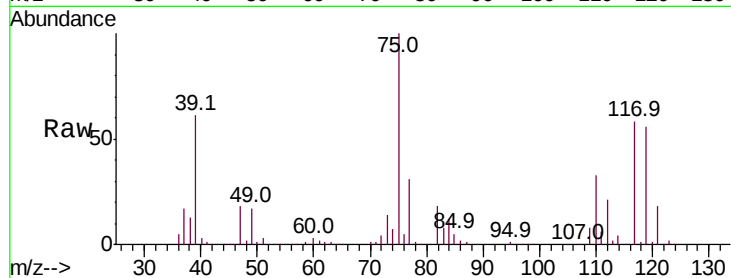
Tot Ion: 75 Resp: 386313

Ion Ratio Lower Upper

75 100

110 33.7 0.0 66.4

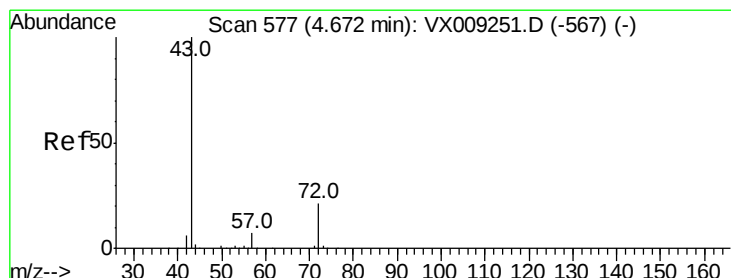
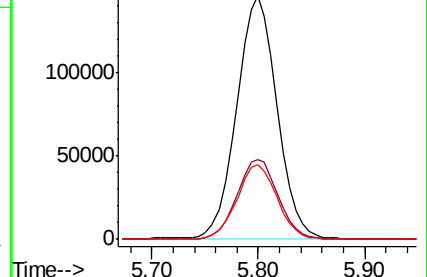
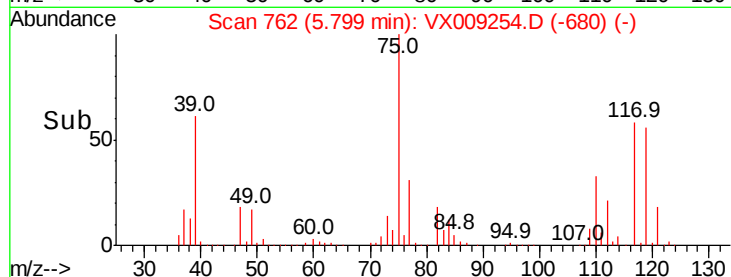
77 30.7 0.0 62.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 750.516 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

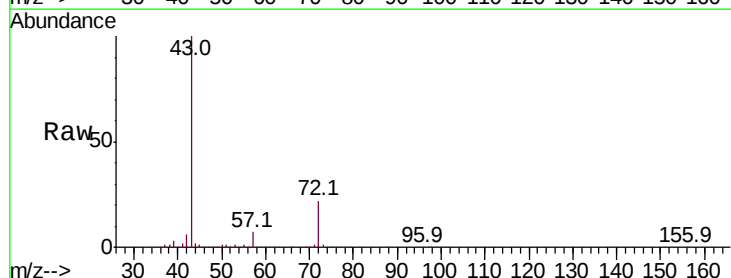
Tgt Ion: 43 Resp: 1496967

Ion Ratio Lower Upper

43 100

57 7.4 6.0 9.0

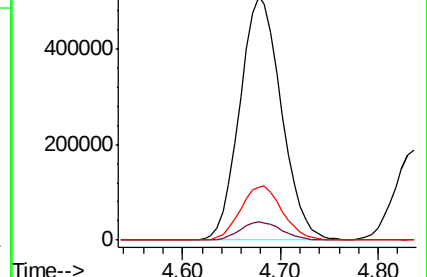
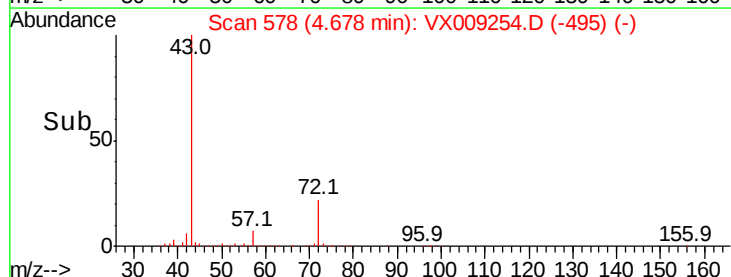
72 22.4 18.2 27.4

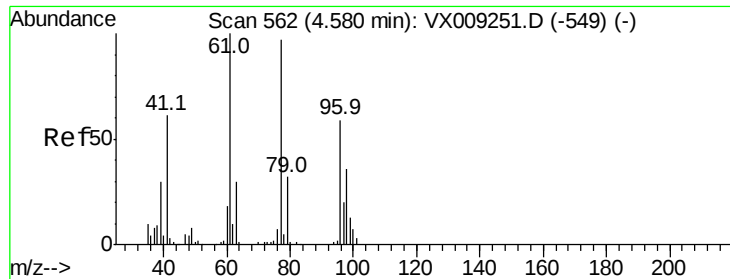


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 153.320 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

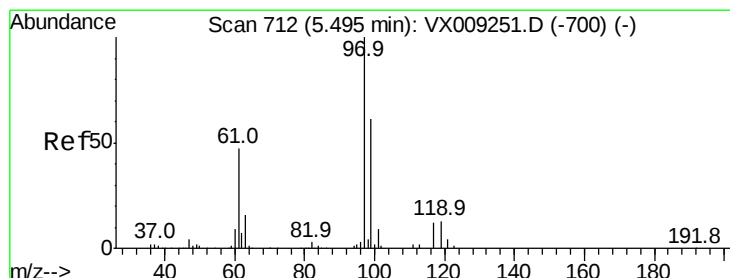
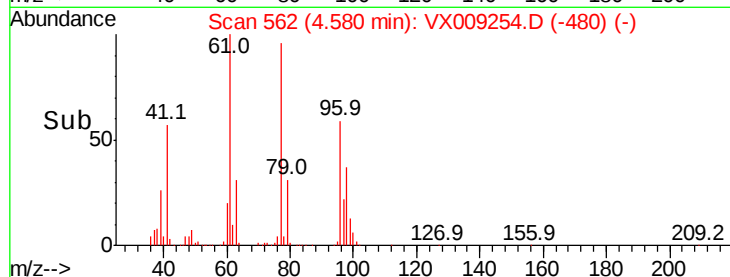
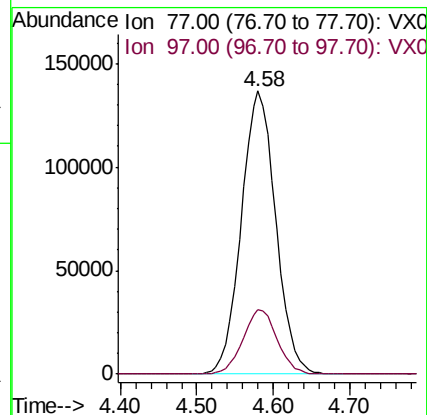
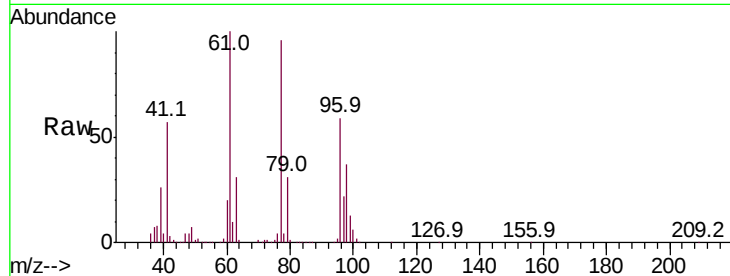
VSTDIC150

Tot Ion: 77 Resp: 426468

Ion Ratio Lower Upper

77 100

97 22.7 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 158.130 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

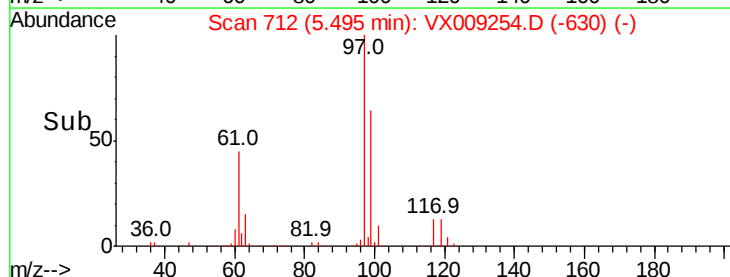
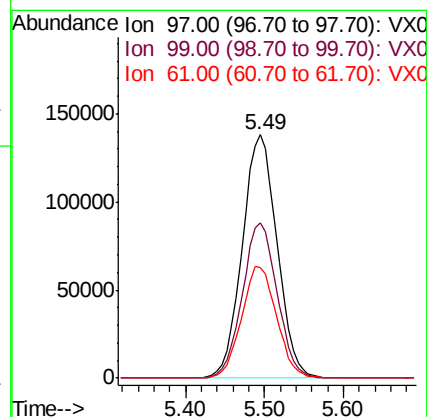
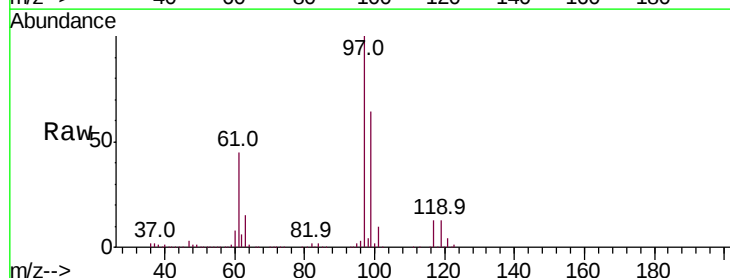
Tgt Ion: 97 Resp: 423263

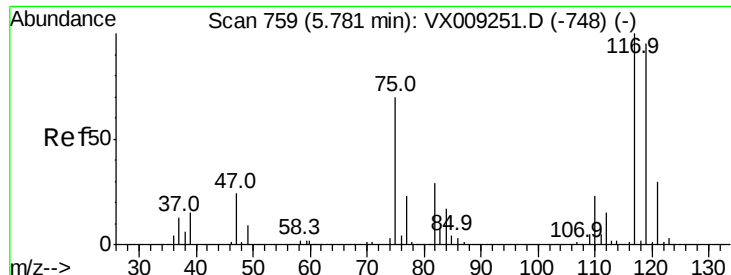
Ion Ratio Lower Upper

97 100

99 63.7 53.9 80.9

61 46.3 38.6 58.0

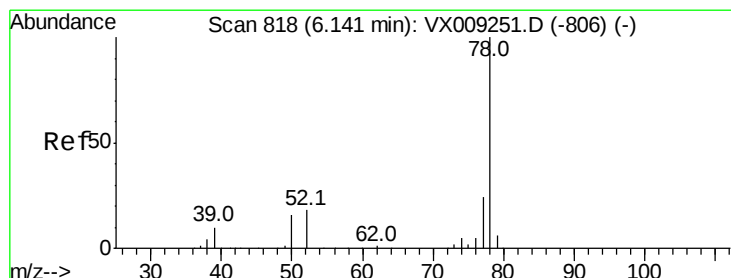
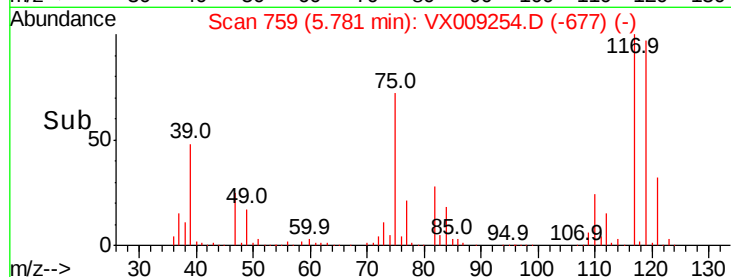
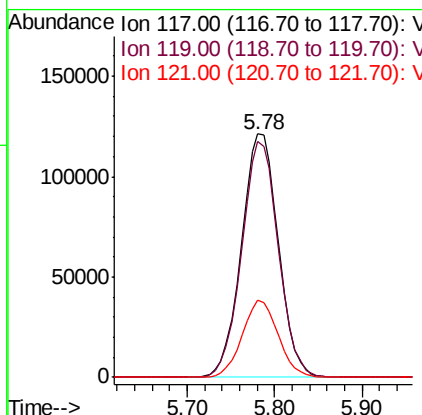
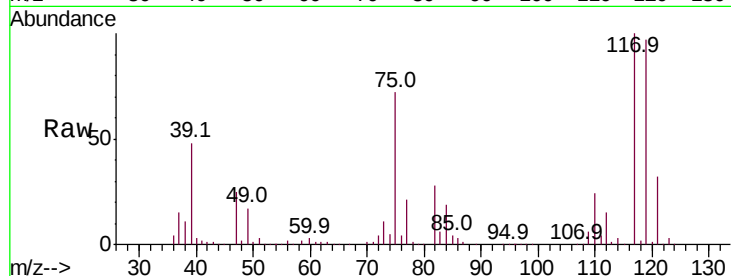




#33
Carbon Tetrachloride
Concen: 156.163 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX009254.D
Acq: 01 May 2019 12:40

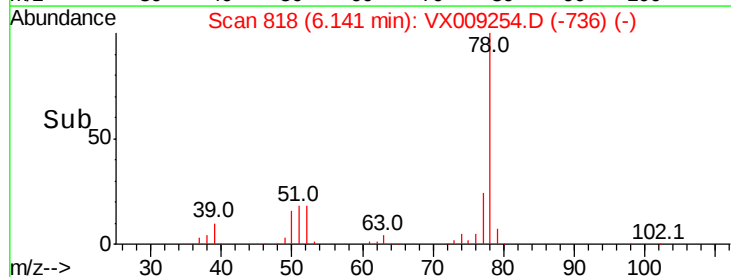
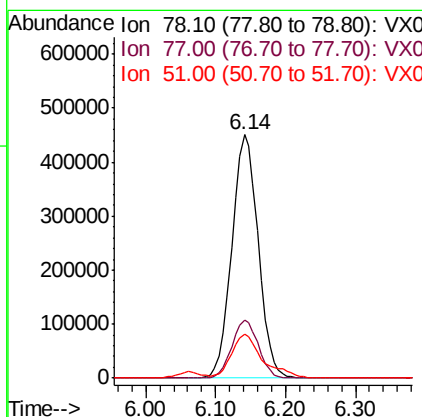
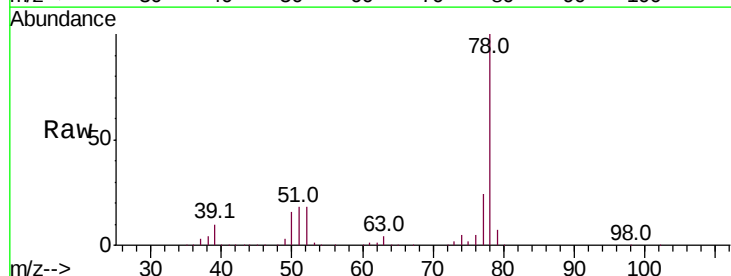
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

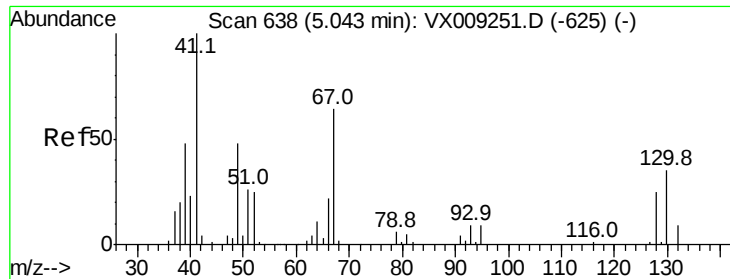
Tot Ion:117 Resp: 355350
Ion Ratio Lower Upper
117 100
119 96.8 76.1 114.1
121 31.7 24.4 36.6



#34
Benzene
Concen: 148.835 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009254.D
Acq: 01 May 2019 12:40

Tgt Ion: 78 Resp: 1175964
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2
51 17.8 13.5 20.3

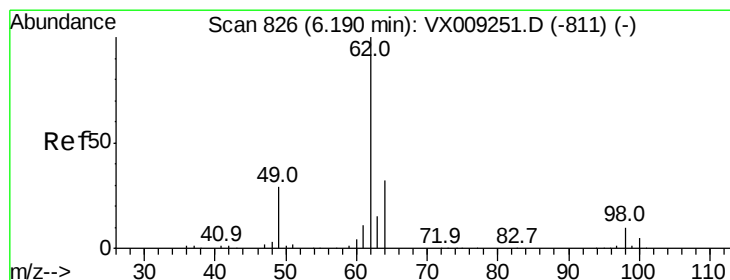
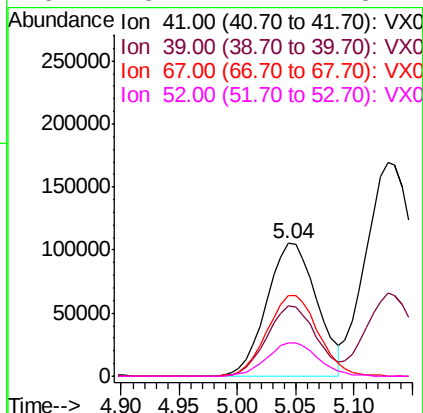
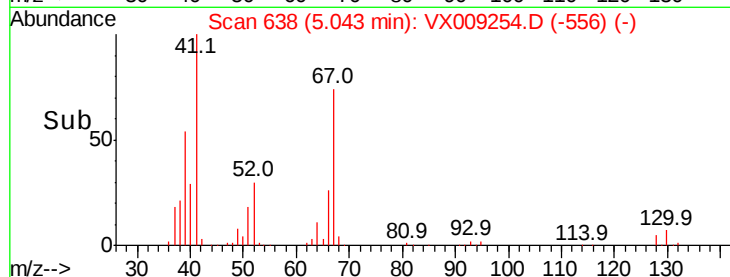
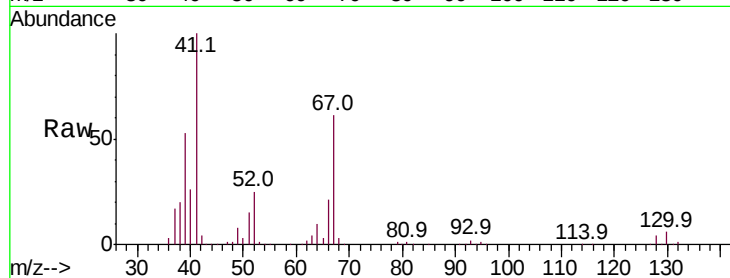




#35
Methacrylonitrile
Concen: 150.372 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009254.D
Acq: 01 May 2019 12:40

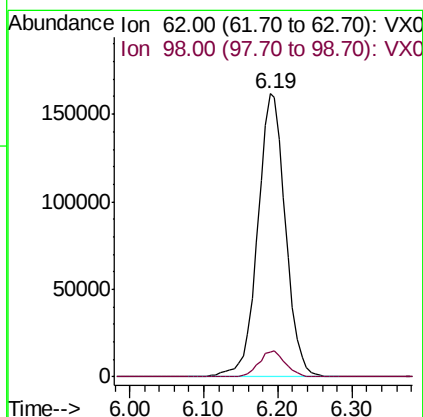
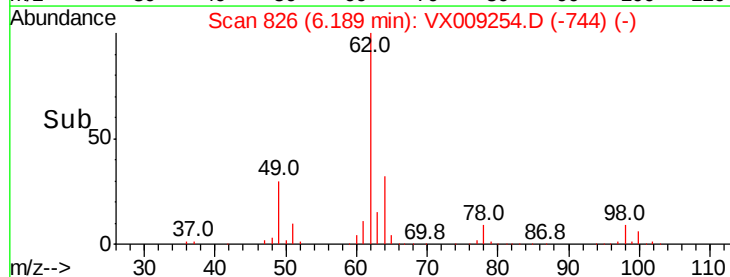
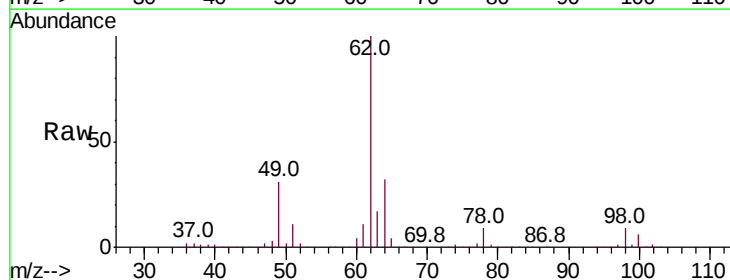
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

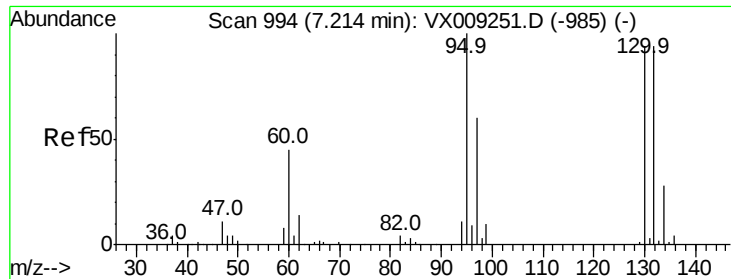
Tot Ion: 41 Resp: 314342
Ion Ratio Lower Upper
41 100
39 52.7 24.1 72.3
67 61.0 32.2 96.6
52 25.1 12.4 37.4



#36
1,2-Dichloroethane
Concen: 147.888 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009254.D
Acq: 01 May 2019 12:40

Tgt Ion: 62 Resp: 420938
Ion Ratio Lower Upper
62 100
98 8.8 7.4 11.2

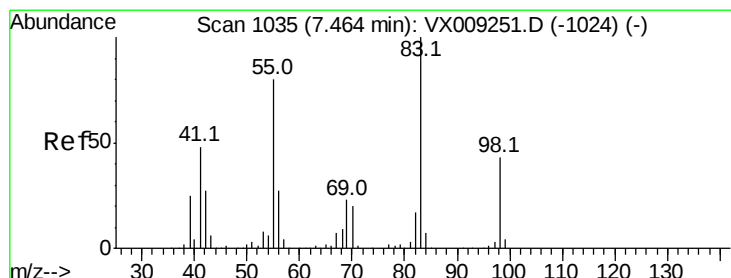
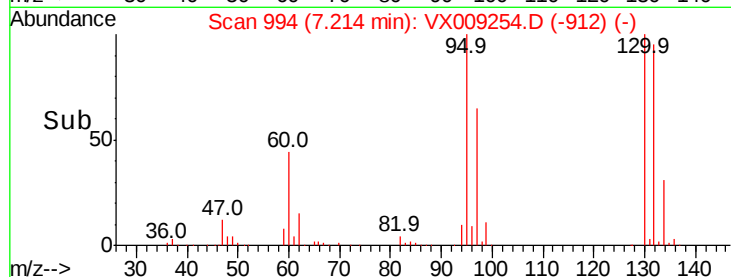
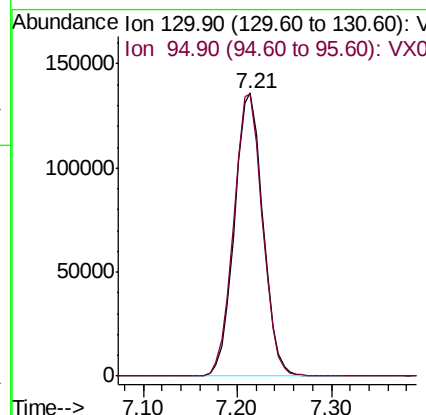
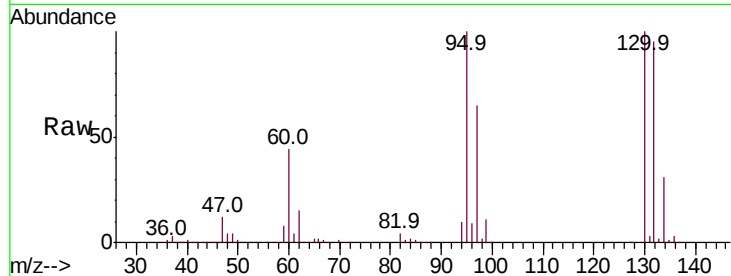




#37
 Trichloroethene
 Concen: 154.609 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009254.D
 Acq: 01 May 2019 12:40

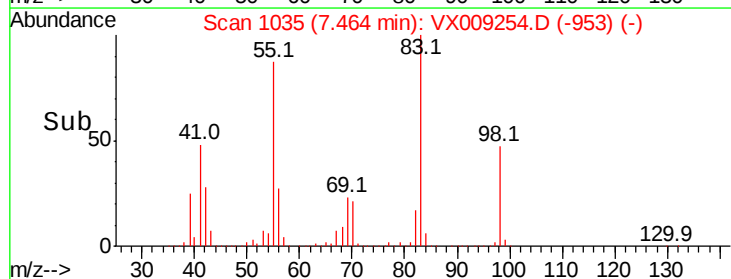
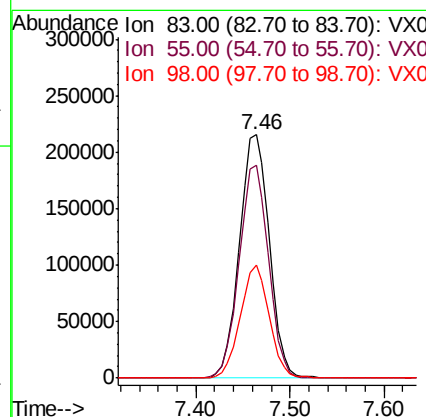
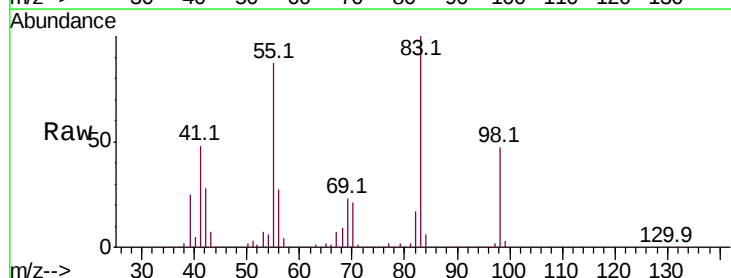
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

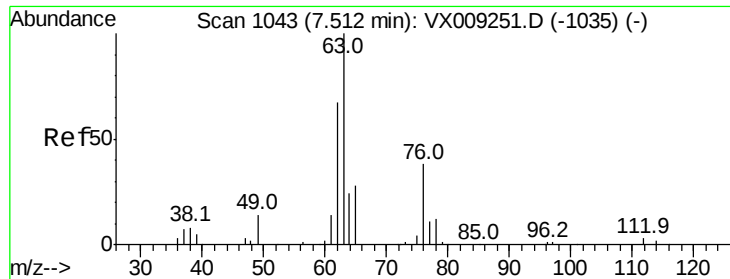
Tot Ion:130 Resp: 286152
 Ion Ratio Lower Upper
 130 100
 95 99.7 85.0 127.4



#38
 Methylcyclohexane
 Concen: 153.082 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX009254.D
 Acq: 01 May 2019 12:40

Tgt Ion: 83 Resp: 476866
 Ion Ratio Lower Upper
 83 100
 55 85.9 43.0 129.2
 98 44.9 22.1 66.1





#39

1,2-Dichloropropane

Concen: 152.219 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

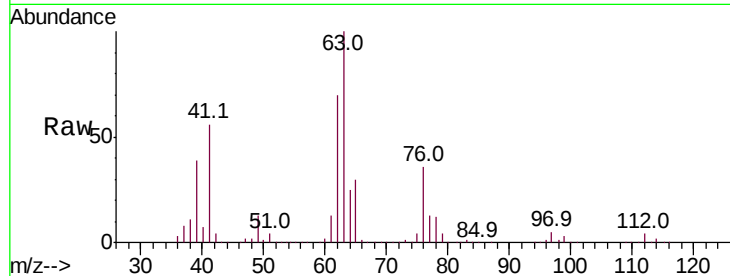
VSTDIC150

Tot Ion: 63 Resp: 337657

Ion Ratio Lower Upper

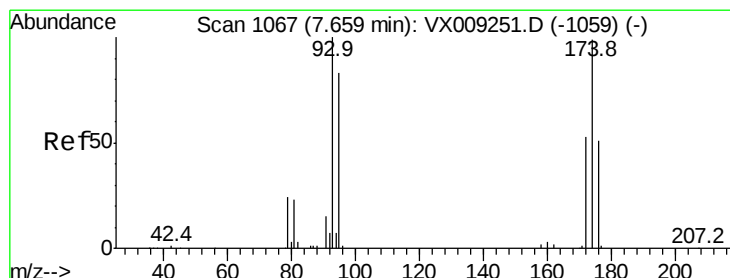
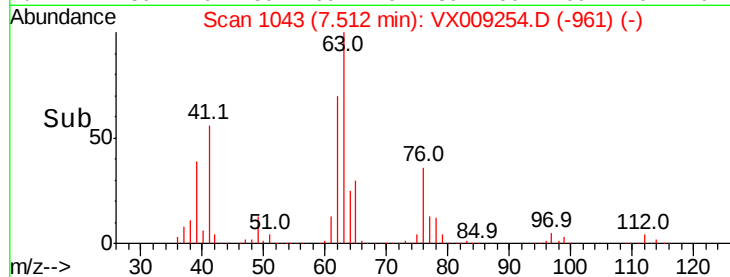
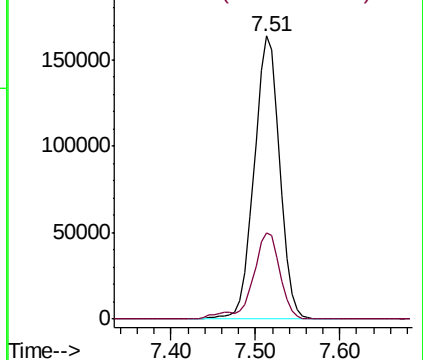
63 100

65 30.3 24.0 36.0



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 152.709 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

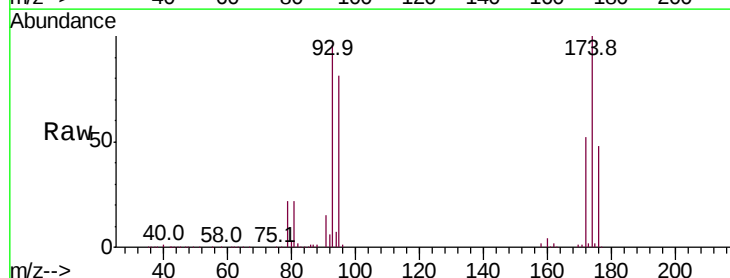
Tgt Ion: 93 Resp: 192946

Ion Ratio Lower Upper

93 100

95 83.1 0.0 167.2

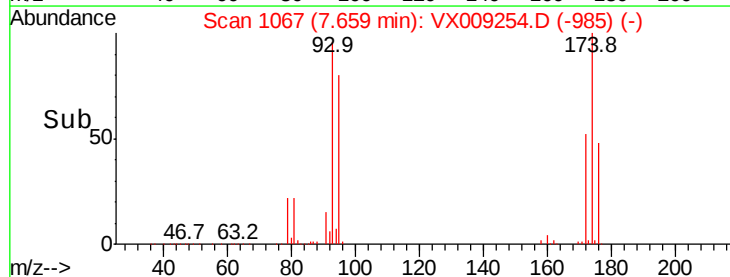
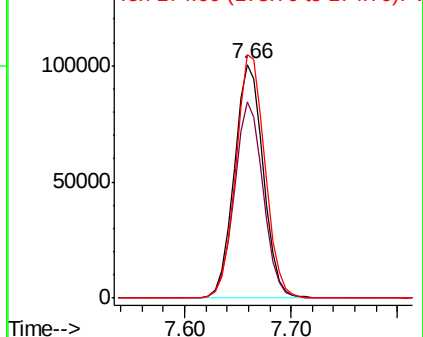
174 104.3 0.0 203.4

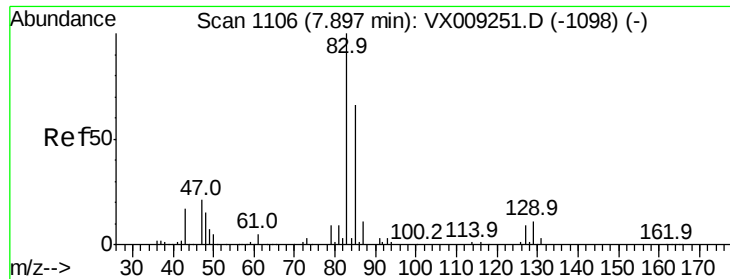


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 159.198 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

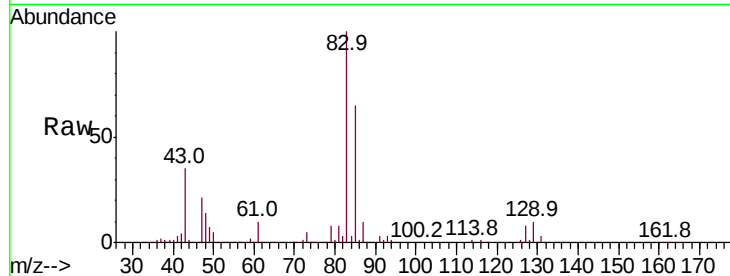
Tot Ion: 83 Resp: 402785

Ion Ratio Lower Upper

83 100

85 64.6 52.6 79.0

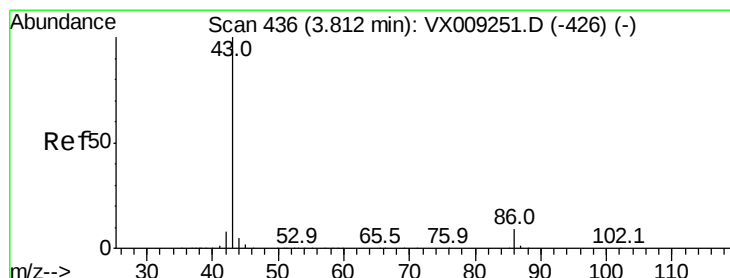
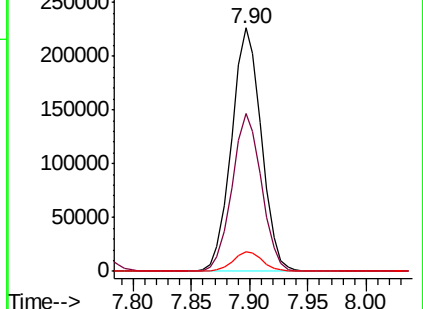
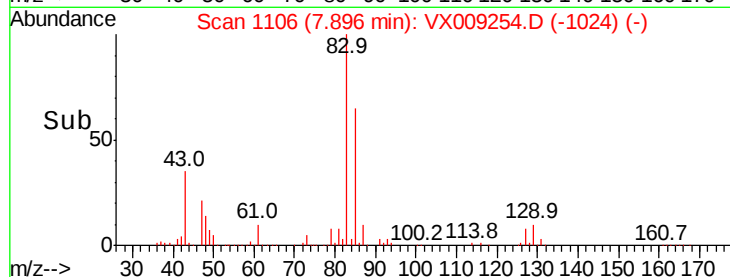
127 8.1 6.9 10.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 753.443 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009254.D

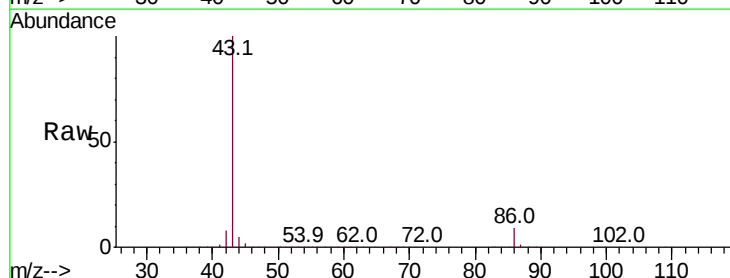
Acq: 01 May 2019 12:40

Tgt Ion: 43 Resp: 4981047

Ion Ratio Lower Upper

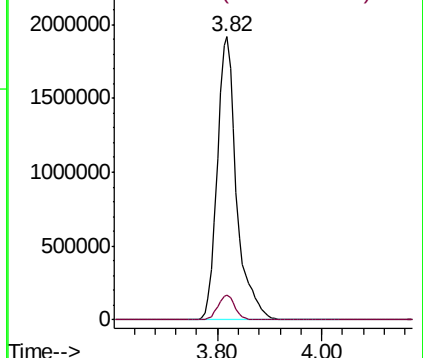
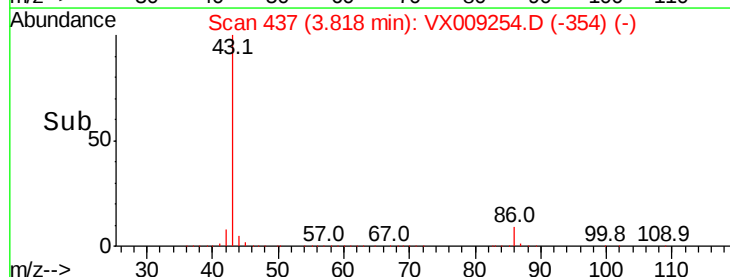
43 100

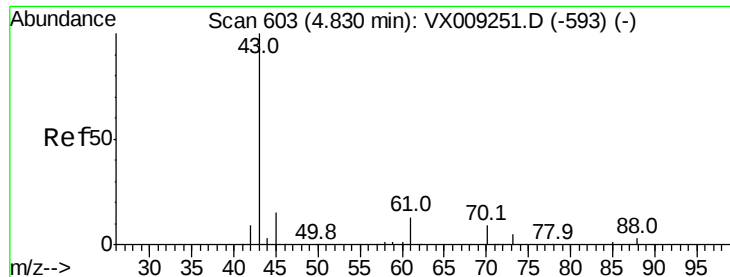
86 7.8 6.0 9.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 148.540 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

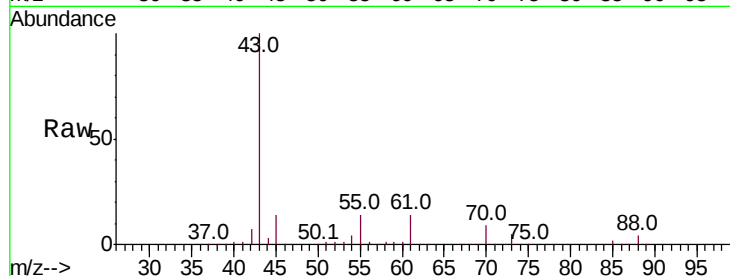
VSTDIC150

Tot Ion: 43 Resp: 548130

Ion Ratio Lower Upper

43 100

45 15.0 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

600000

500000

400000

300000

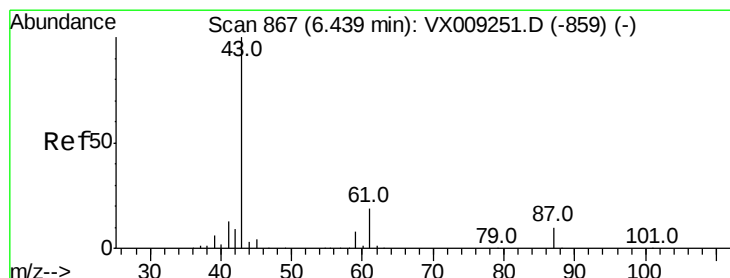
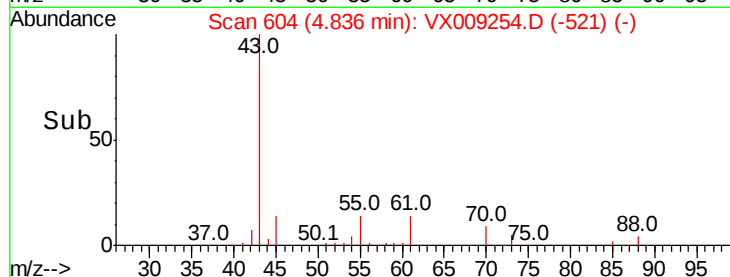
200000

100000

0

4.70 4.80 4.90 5.00

Time-->



#44

Isopropyl Acetate

Concen: 158.407 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.01 min

Lab File: VX009254.D

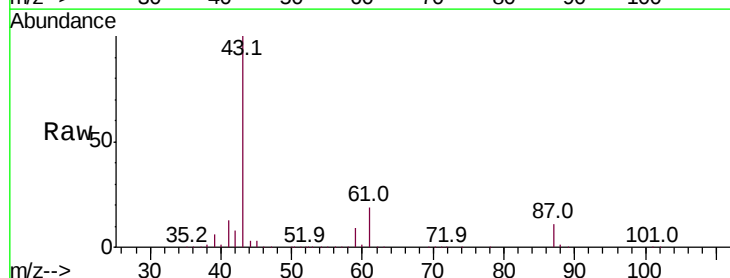
Acq: 01 May 2019 12:40

Tgt Ion: 43 Resp: 899392

Ion Ratio Lower Upper

43 100

61 18.9 15.4 23.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

300000

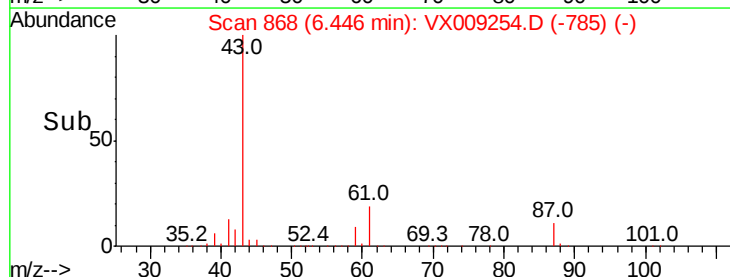
200000

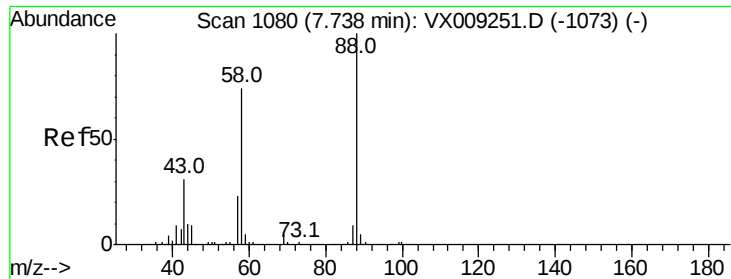
100000

0

6.30 6.40 6.50 6.60

Time-->





#45

1,4-Dioxane

Concen: 3022.978 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

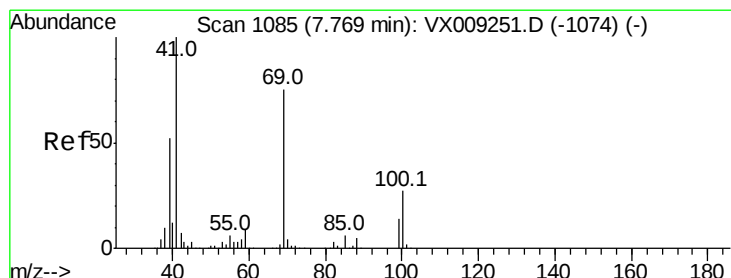
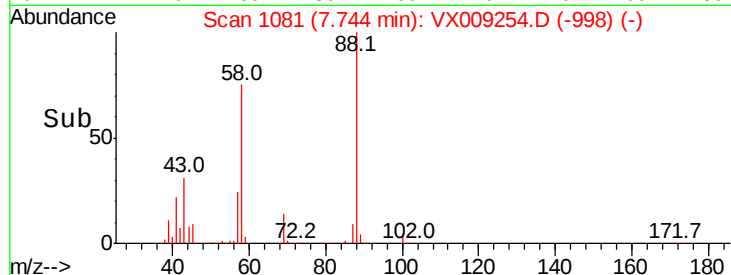
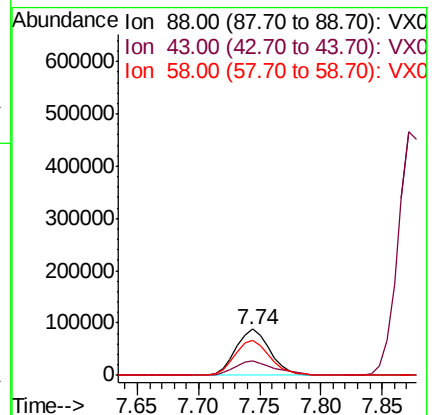
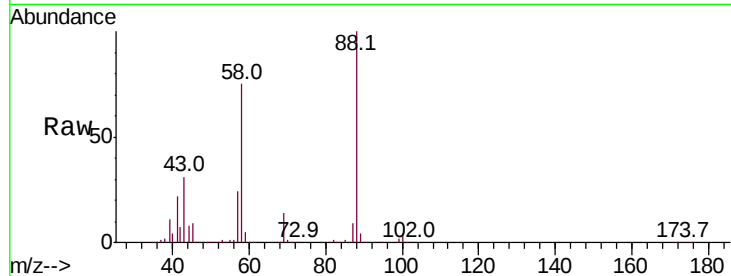
Tot Ion: 88 Resp: 170630

Ion Ratio Lower Upper

88 100

43 36.4 28.5 42.7

58 78.7 62.5 93.7



#46

Methyl methacrylate

Concen: 158.058 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

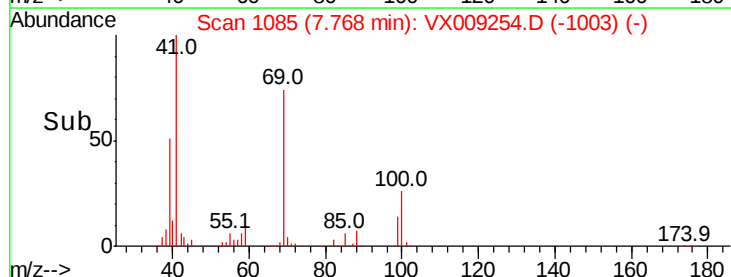
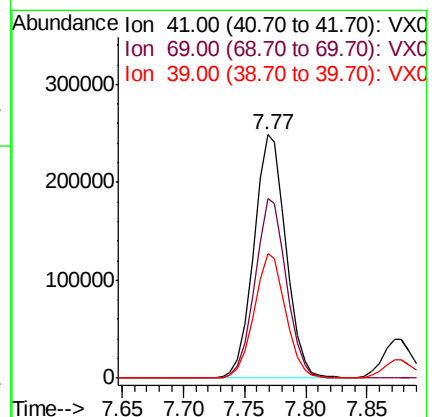
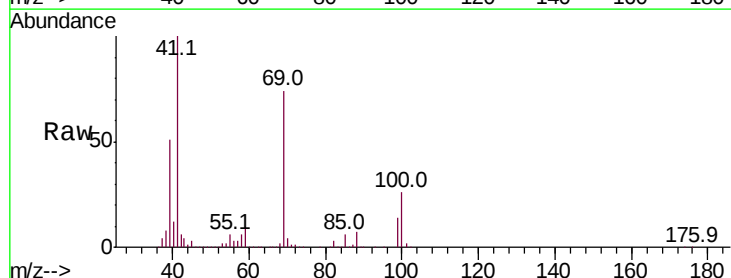
Tgt Ion: 41 Resp: 453657

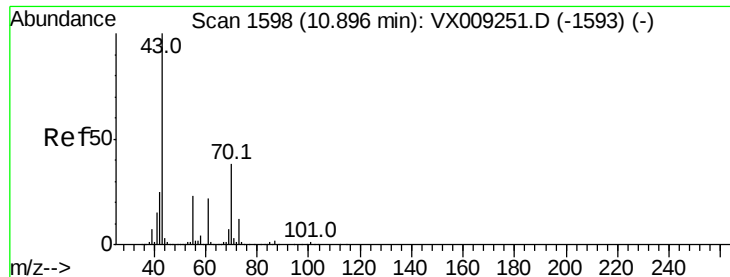
Ion Ratio Lower Upper

41 100

69 73.6 37.6 112.8

39 51.0 25.8 77.3





#47

n-amvl Acetate

Concen: 164.583 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

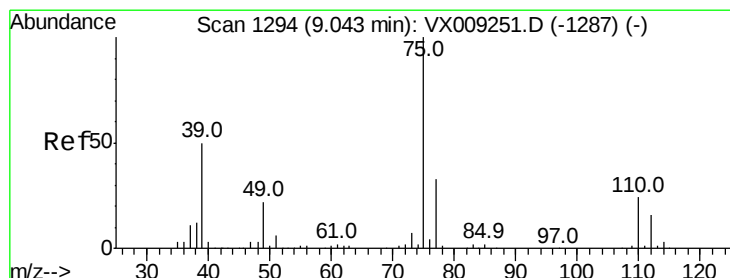
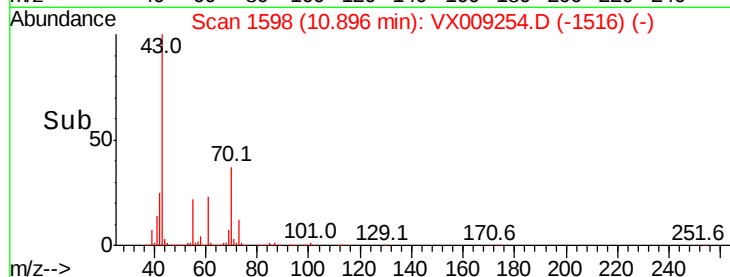
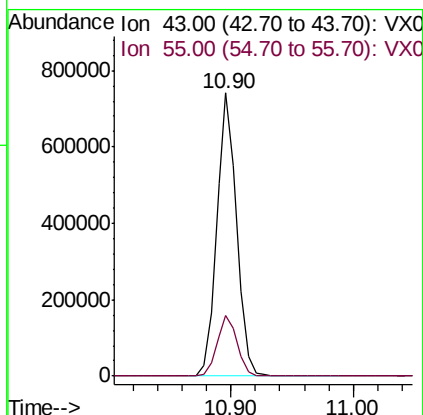
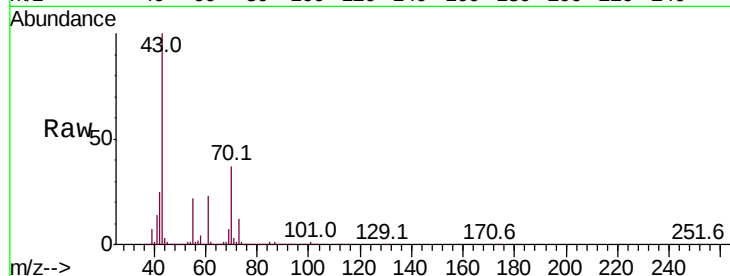
VSTDIC150

Tot Ion: 43 Resp: 834396

Ion Ratio Lower Upper

43 100

55 21.8 18.2 27.4



#48

t-1,3-Dichloropropene

Concen: 169.059 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX009254.D

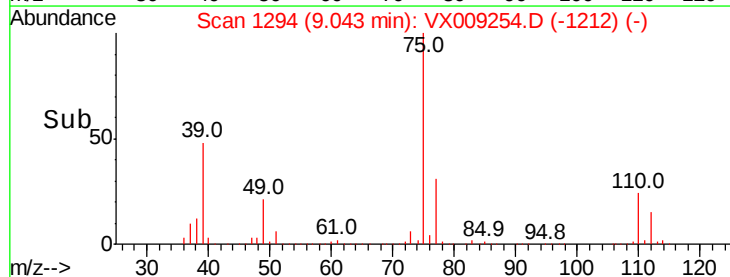
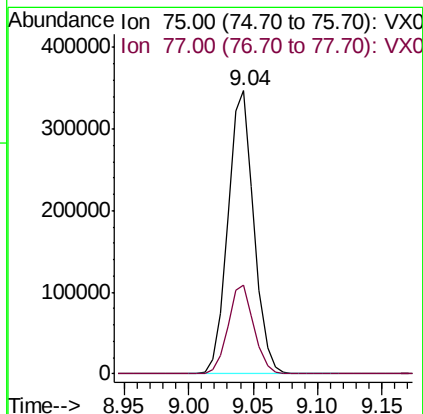
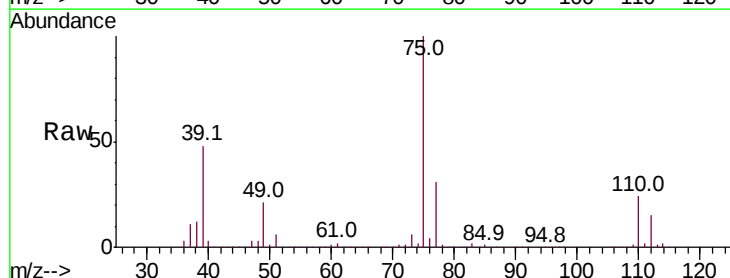
Acq: 01 May 2019 12:40

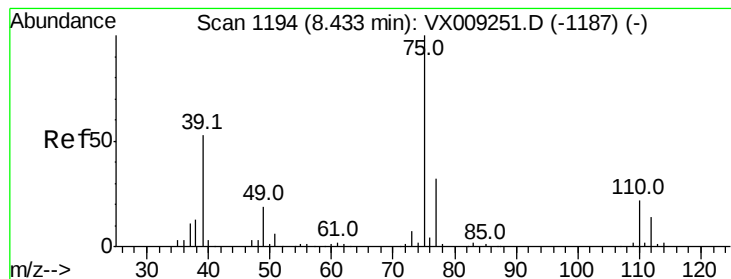
Tgt Ion: 75 Resp: 489126

Ion Ratio Lower Upper

75 100

77 31.3 26.5 39.7



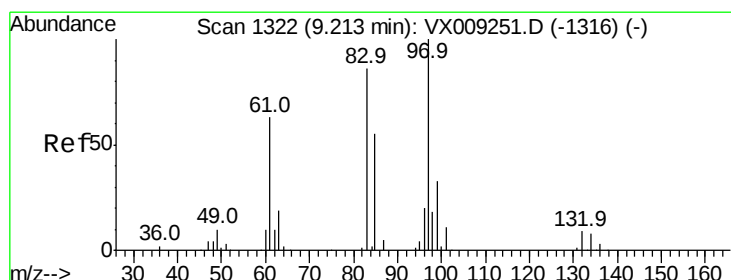
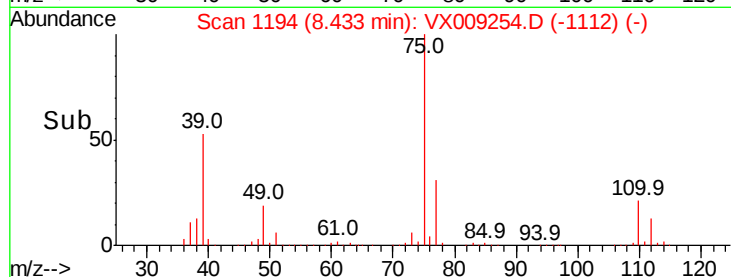
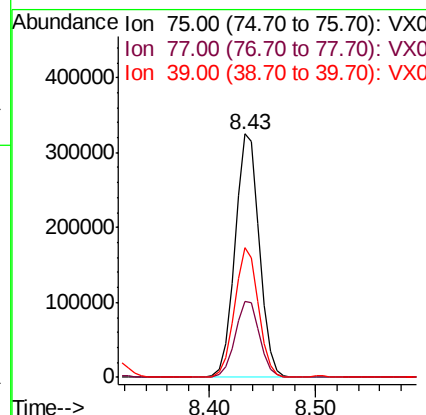
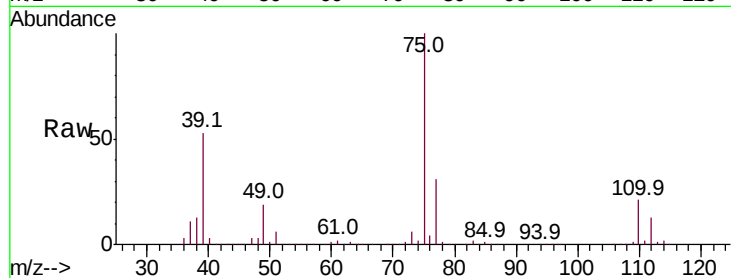


#49

cis-1,3-Dichloropropene
 Concen: 161.289 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009254.D
 Acq: 01 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

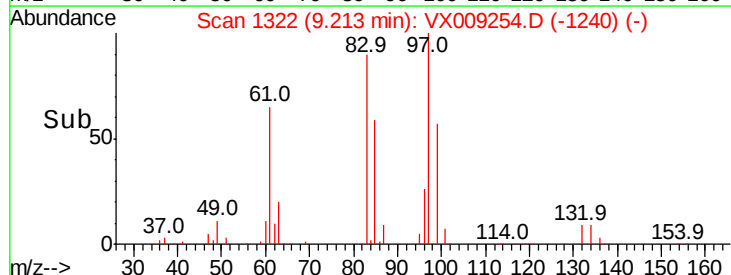
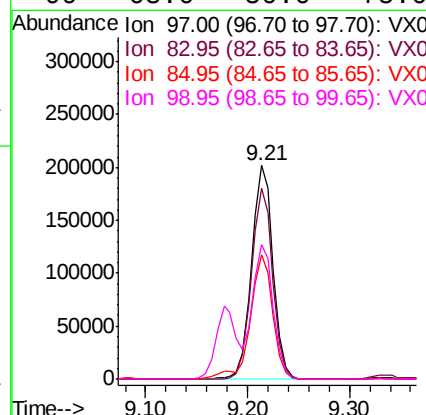
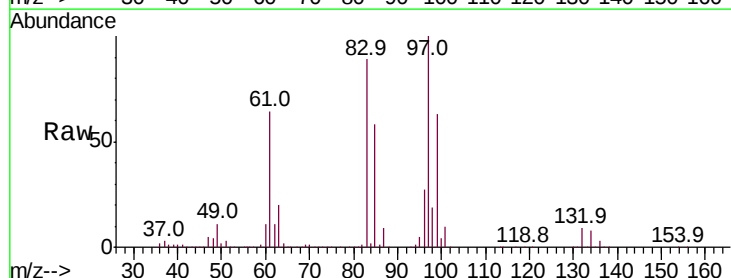
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.0	39.0
39	53.1	42.6	63.8

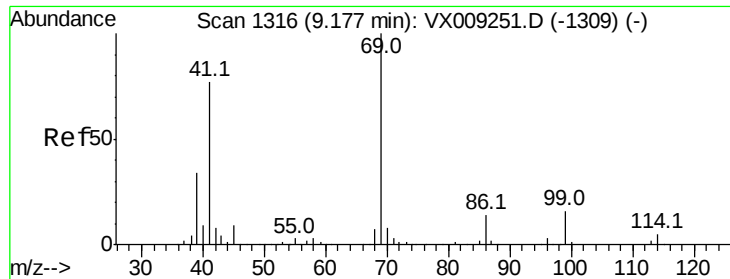


#50

1,1,2-Trichloroethane
 Concen: 152.151 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009254.D
 Acq: 01 May 2019 12:40

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.2	68.8	103.2
85	57.9	45.8	68.6
99	63.0	50.0	75.0





#51

Ethyl methacrylate

Concen: 161.988 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

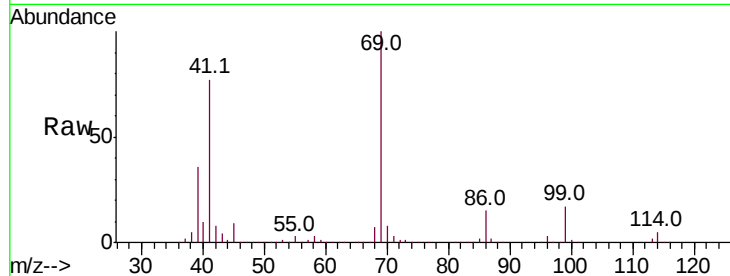
Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion: 69 Resp: 570625

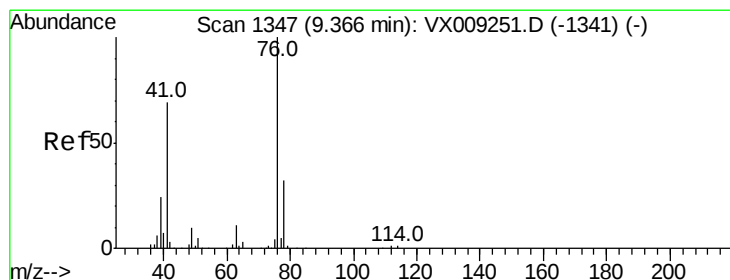
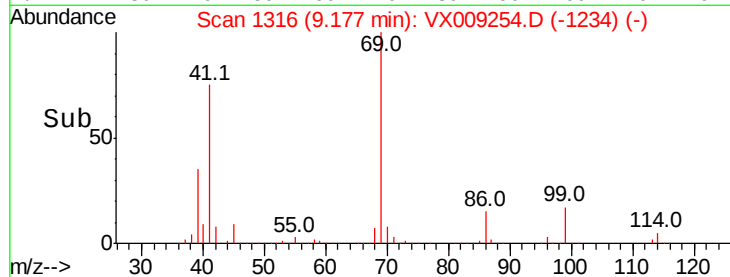
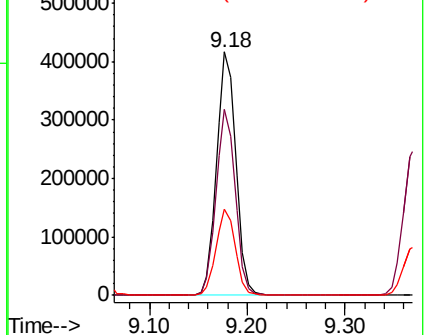
Ion	Ratio	Lower	Upper
69	100		
41	76.5	38.4	115.2
39	35.6	17.2	51.5



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



#52

1,3-Dichloropropane

Concen: 150.979 ug/l

RT: 9.37 min Scan# 1348

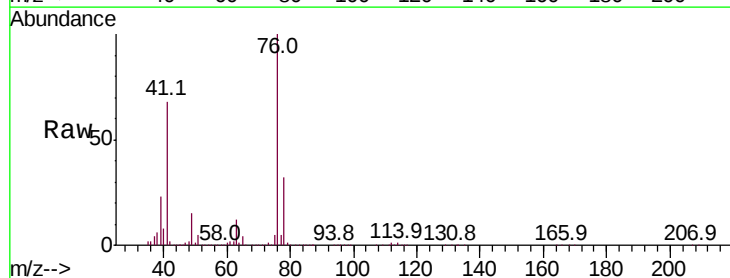
Delta R.T. 0.01 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

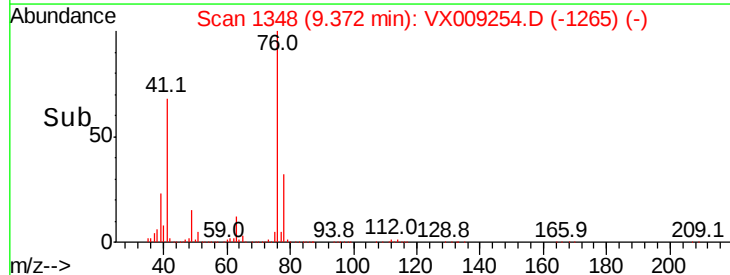
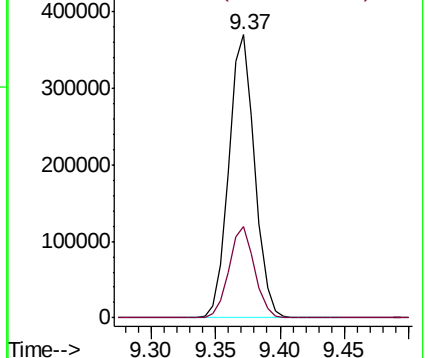
Tgt Ion: 76 Resp: 520211

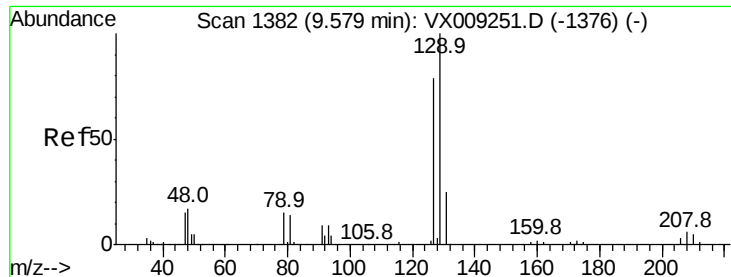
Ion	Ratio	Lower	Upper
76	100		
78	31.8	0.0	64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 168.079 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

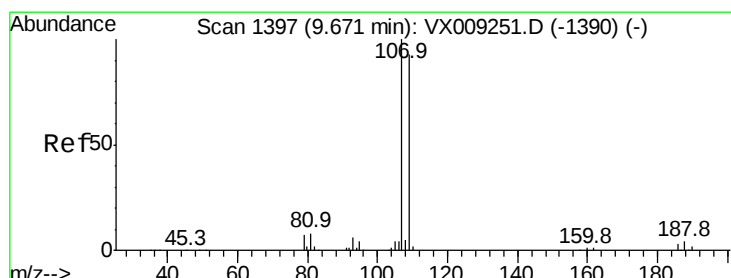
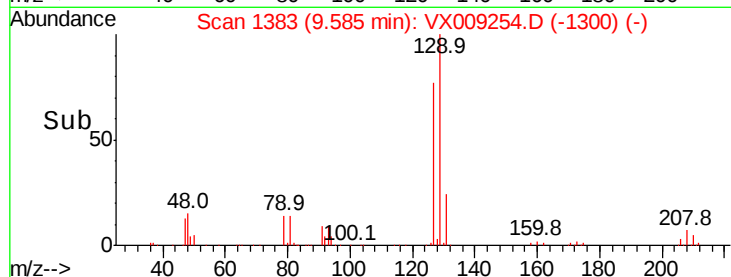
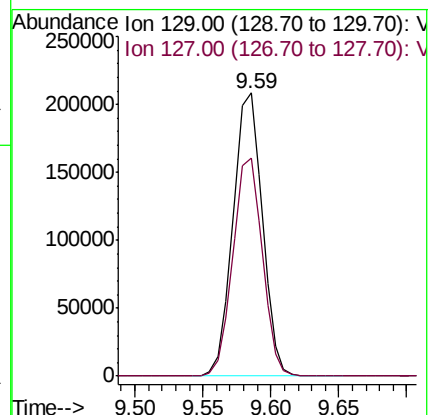
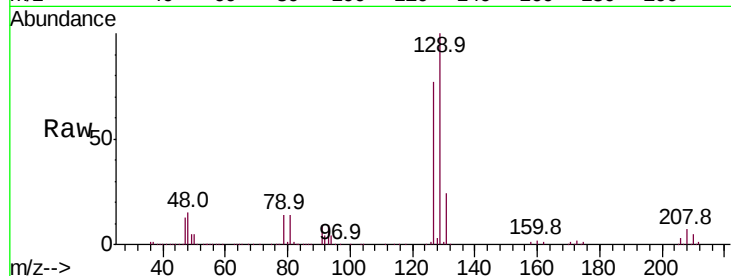
VSTDIC150

Tot Ion:129 Resp: 313454

Ion Ratio Lower Upper

129 100

127 77.4 39.1 117.5



#54

1,2-Dibromoethane

Concen: 154.852 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009254.D

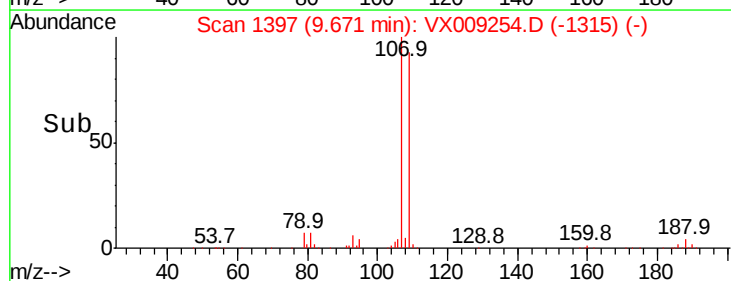
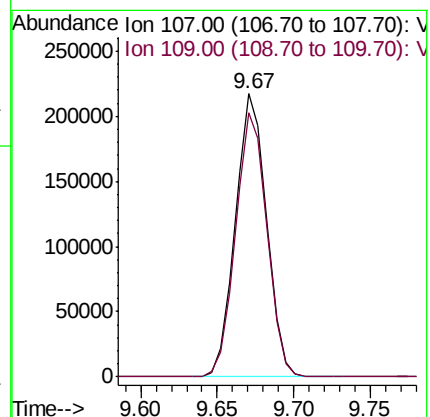
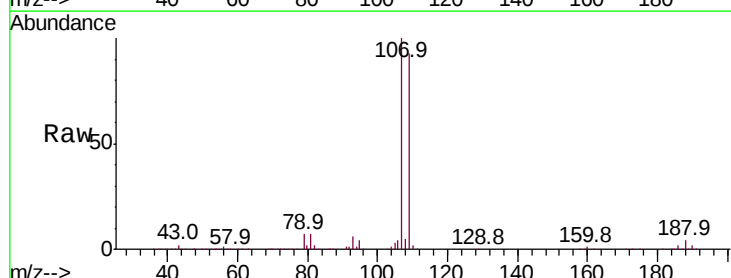
Acq: 01 May 2019 12:40

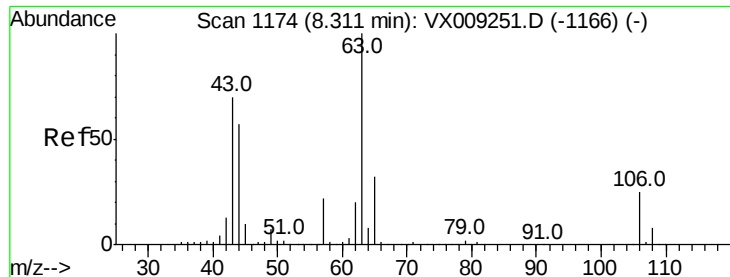
Tgt Ion:107 Resp: 305158

Ion Ratio Lower Upper

107 100

109 94.0 75.5 113.3





#55

2-Chloroethyl vinyl ether

Concen: 741.835 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

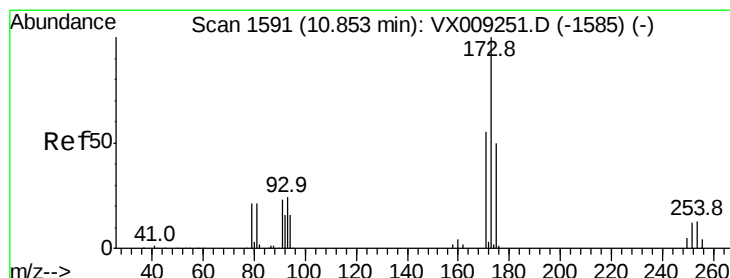
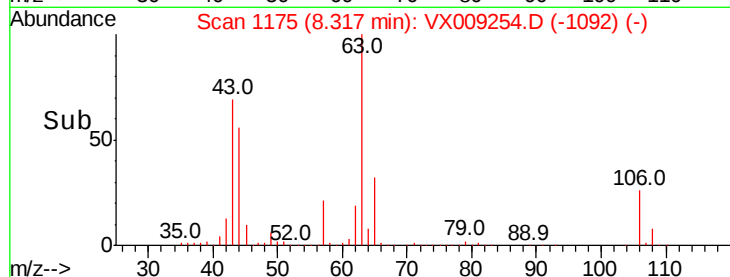
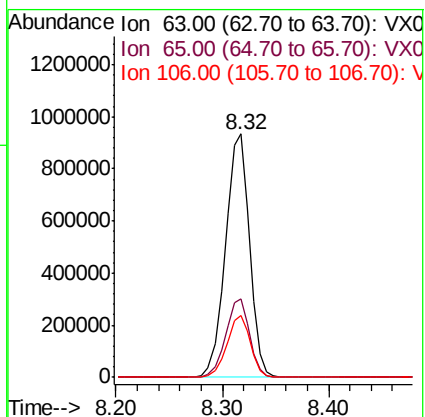
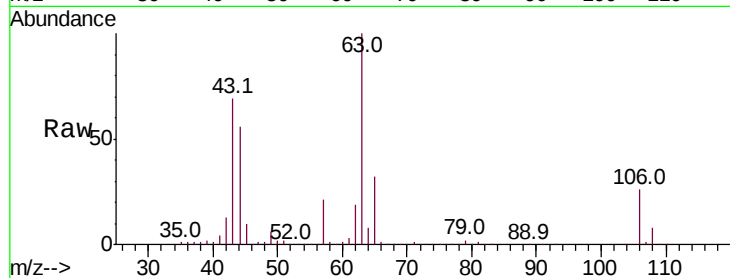
Tot Ion: 63 Resp: 1472128

Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.8	38.6
106	24.8	19.8	29.6

63 100

65 32.0 25.8 38.6

106 24.8 19.8 29.6



#56

Bromoform

Concen: 180.598 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

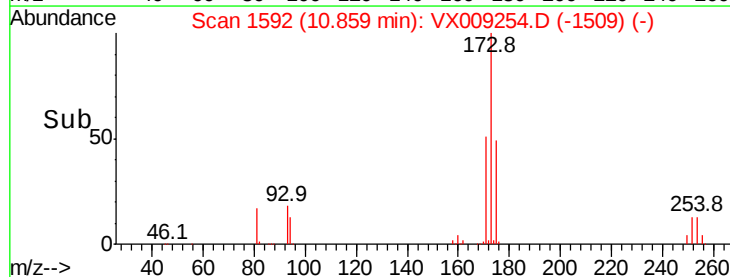
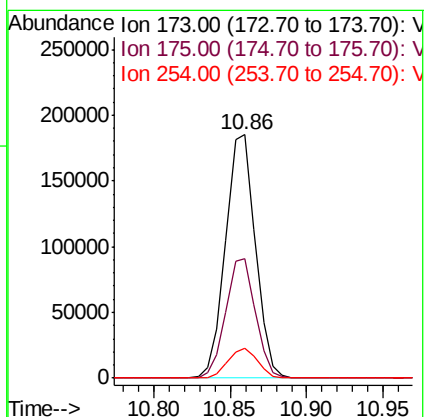
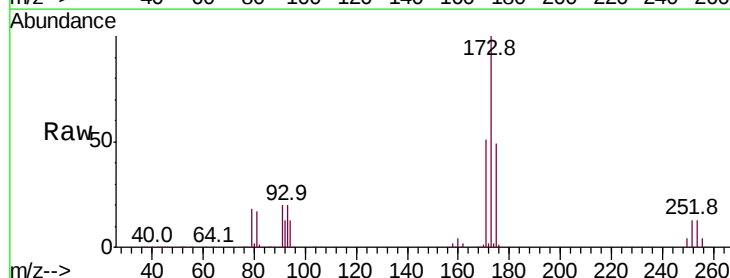
Tgt Ion: 173 Resp: 250293

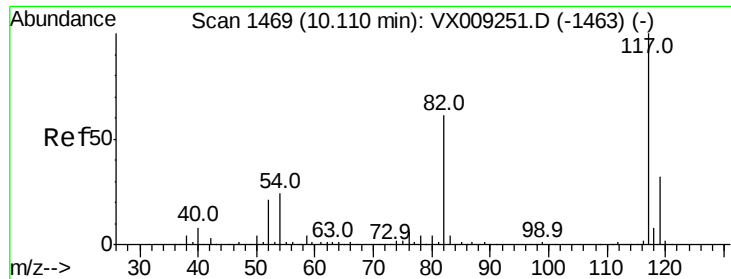
Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.4	59.2
254	12.3	9.9	14.9

173 100

175 48.9 39.4 59.2

254 12.3 9.9 14.9

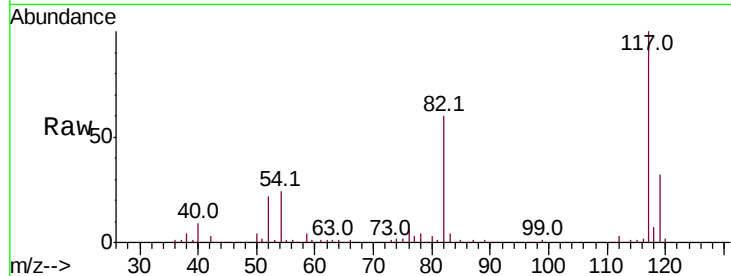




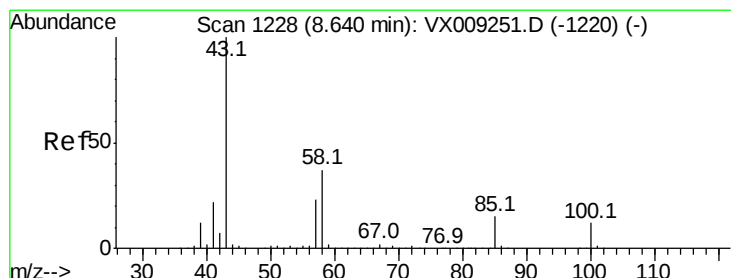
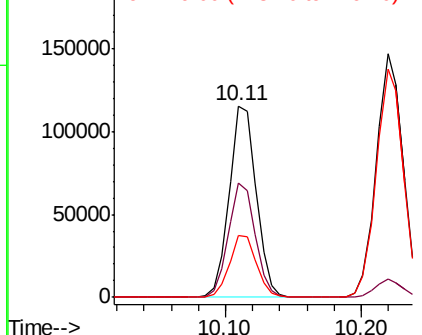
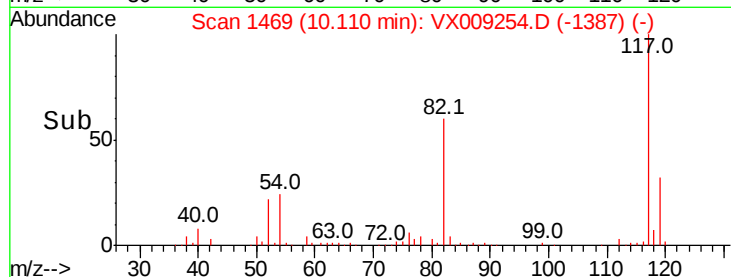
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009254.D
Acq: 01 May 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:117 Resp: 159364
Ion Ratio Lower Upper
117 100
82 59.3 47.8 71.8
119 32.2 25.6 38.4

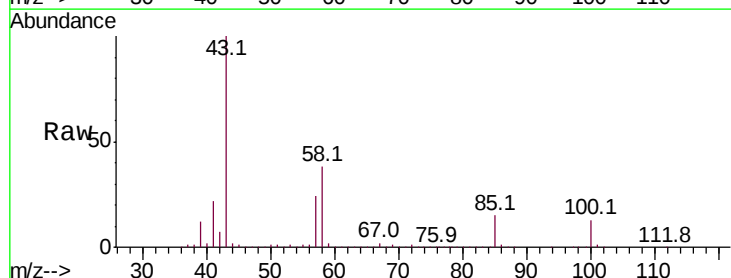


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

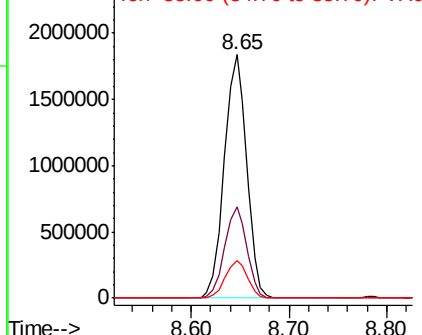
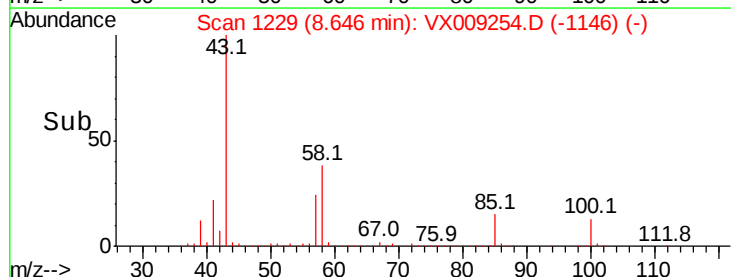


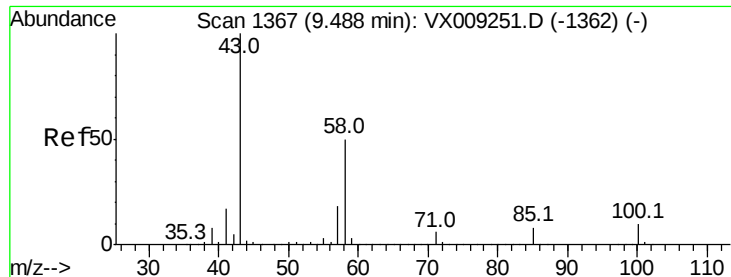
#58
4-Methyl-2-Pentanone
Concen: 746.123 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VX009254.D
Acq: 01 May 2019 12:40

Tgt Ion: 43 Resp: 2907507
Ion Ratio Lower Upper
43 100
58 37.2 29.4 44.0
85 15.2 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

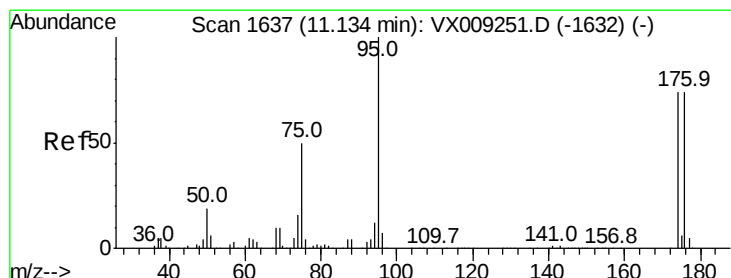
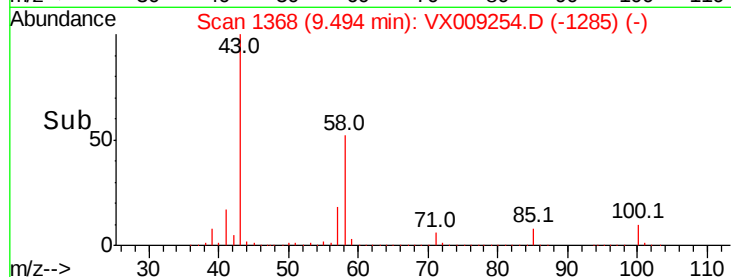
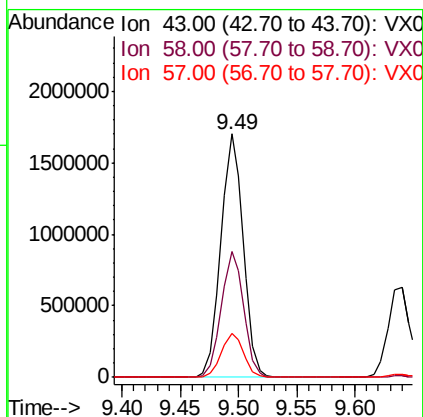
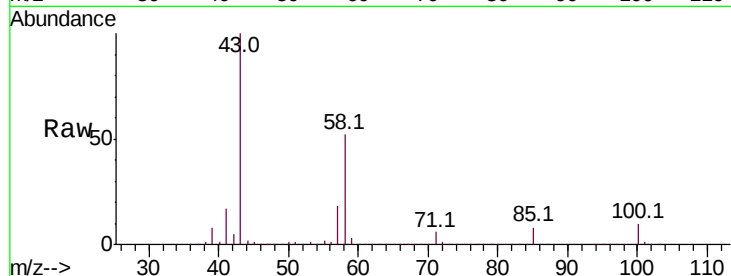




#59
2-Hexanone
Concen: 730.929 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009254.D
Acq: 01 May 2019 12:40

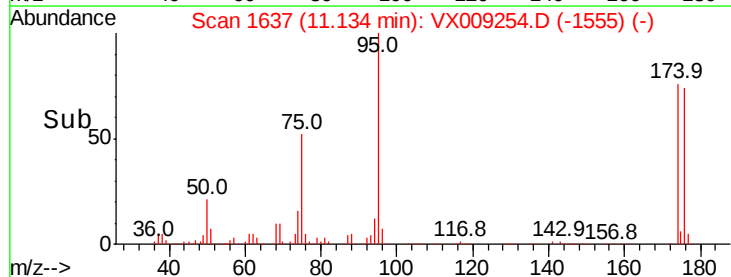
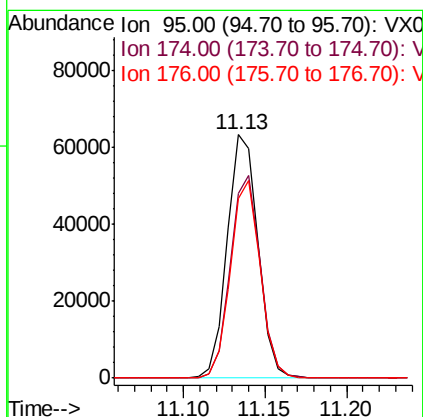
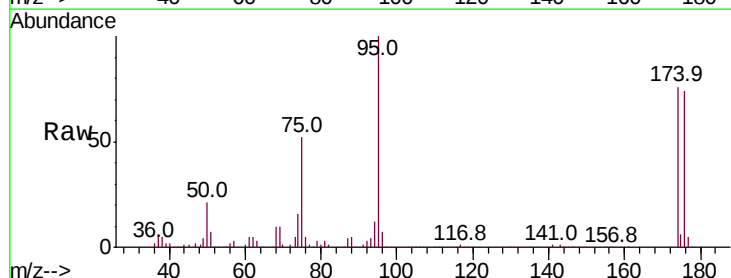
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

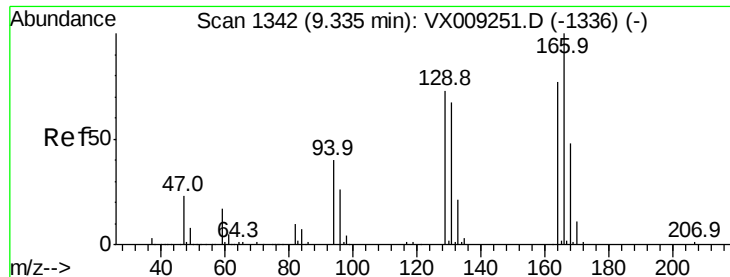
Tot Ion: 43 Resp: 2246432
Ion Ratio Lower Upper
43 100
58 51.8 40.8 61.2
57 18.1 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 30.309 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009254.D
Acq: 01 May 2019 12:40

Tgt Ion: 95 Resp: 82893
Ion Ratio Lower Upper
95 100
174 81.1 63.6 95.4
176 78.8 62.4 93.6





#61

Tetrachloroethene

Concen: 141.348 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:164 Resp: 248051

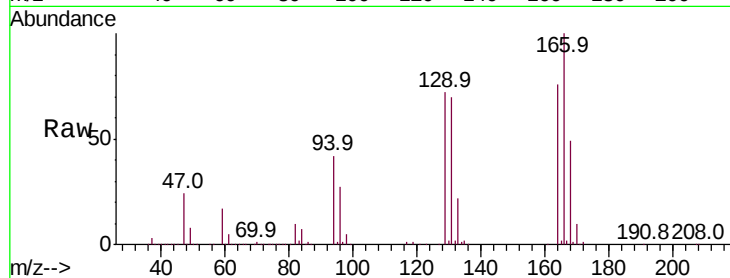
Ion Ratio Lower Upper

164 100

166 130.7 104.1 156.1

129 94.3 76.0 114.0

131 90.9 70.1 105.1

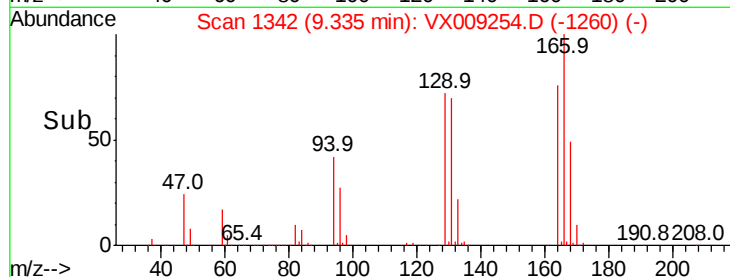


Abundance Ion 163.85 (163.55 to 164.55): V

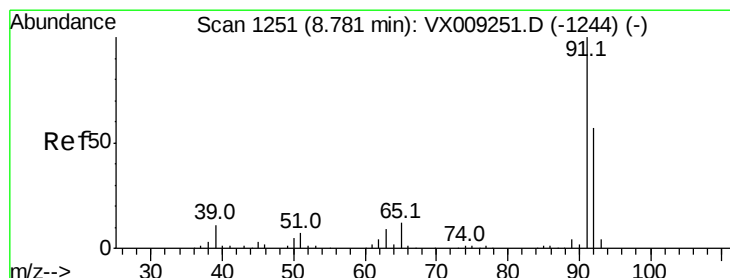
Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



Time--> 9.25 9.30 9.35 9.40 9.45



#62

Toluene

Concen: 145.612 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX009254.D

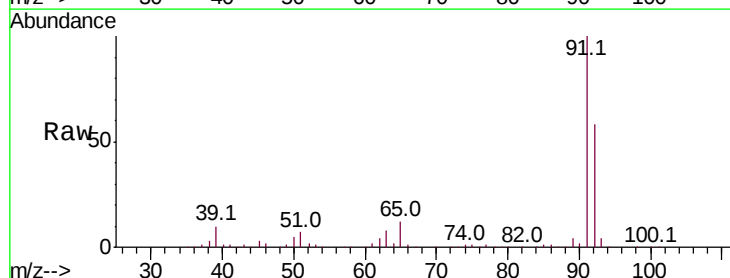
Acq: 01 May 2019 12:40

Tgt Ion: 91 Resp: 1246526

Ion Ratio Lower Upper

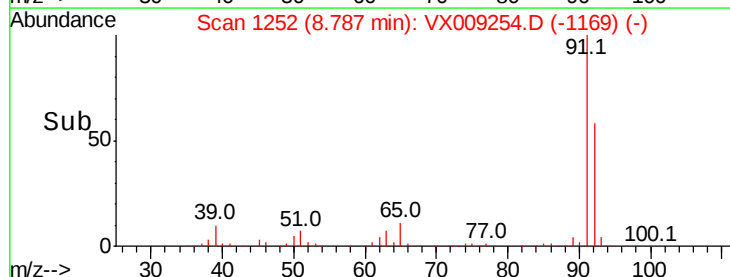
91 100

92 57.9 46.1 69.1

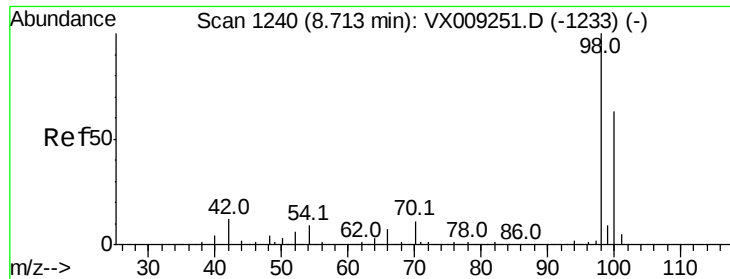


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



Time--> 8.70 8.75 8.80 8.85 8.90



#63

Toluene-d8

Concen: 29.034 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

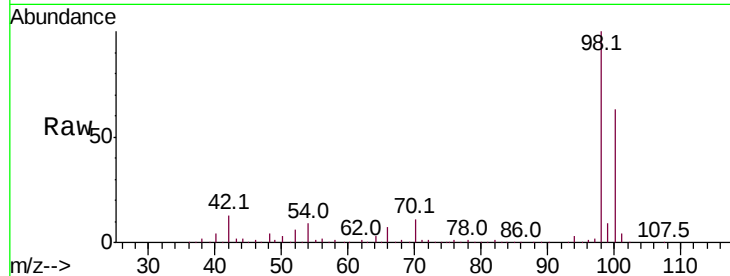
VSTDIC150

Tot Ion: 98 Resp: 223639

Ion Ratio Lower Upper

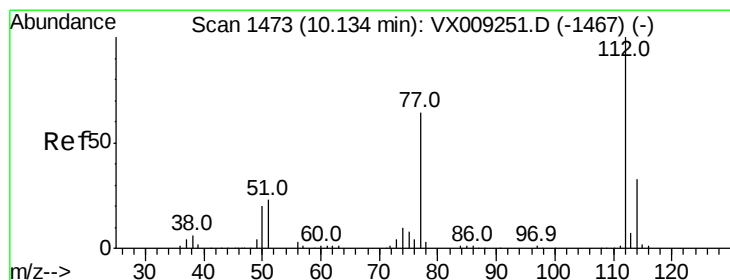
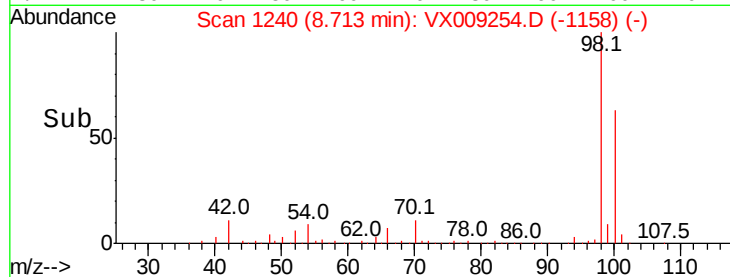
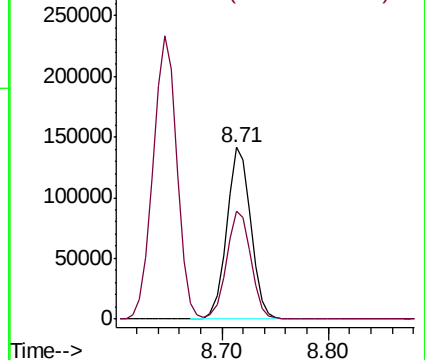
98 100

100 63.9 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 151.586 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009254.D

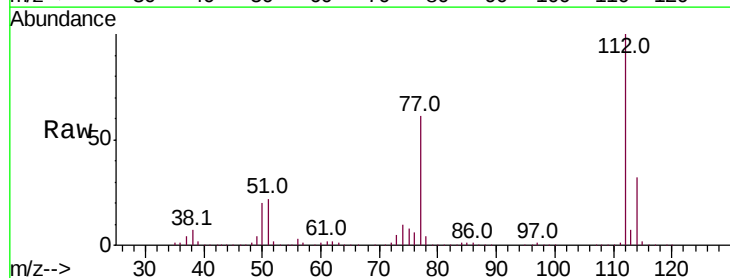
Acq: 01 May 2019 12:40

Tgt Ion: 112 Resp: 765545

Ion Ratio Lower Upper

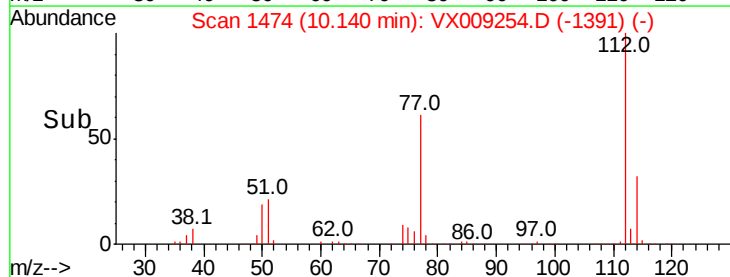
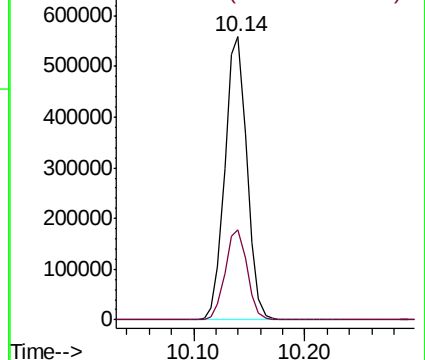
112 100

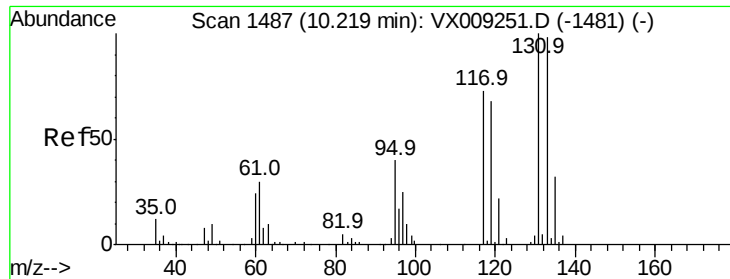
114 32.0 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

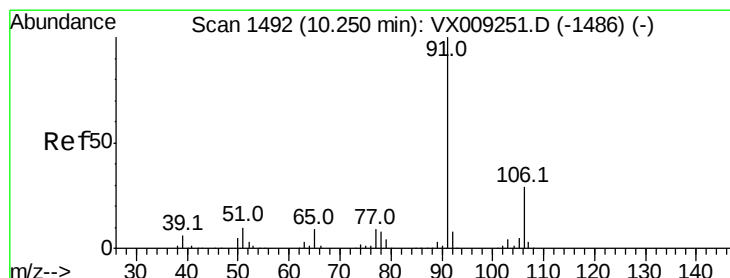
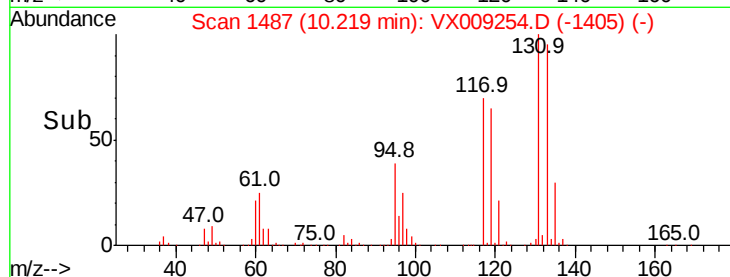
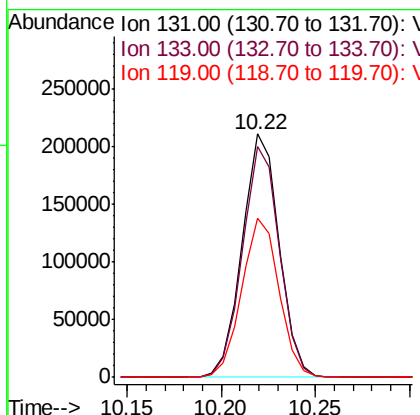
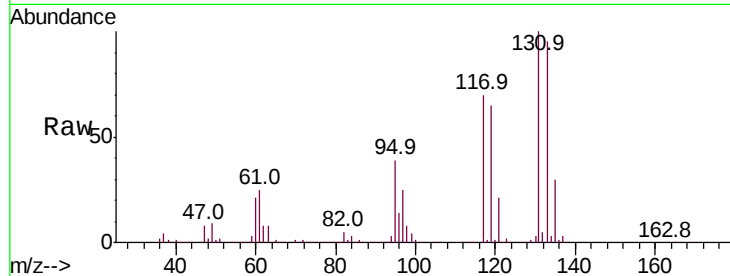




#65
 1,1,1,2-Tetrachloroethane
 Concen: 156.954 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX009254.D
 Acq: 01 May 2019 12:40

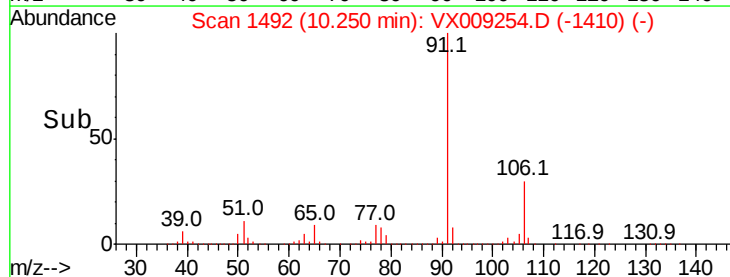
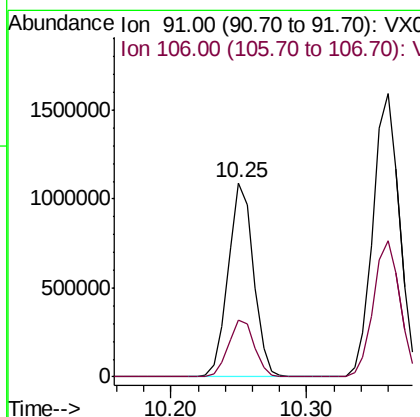
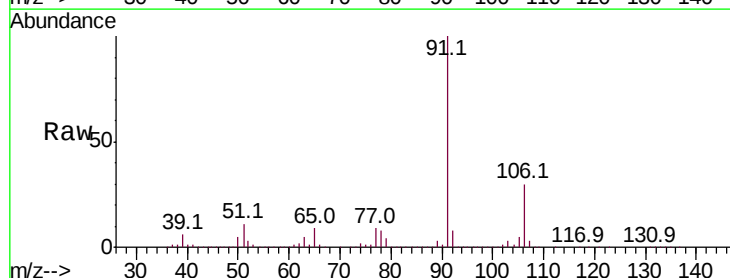
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

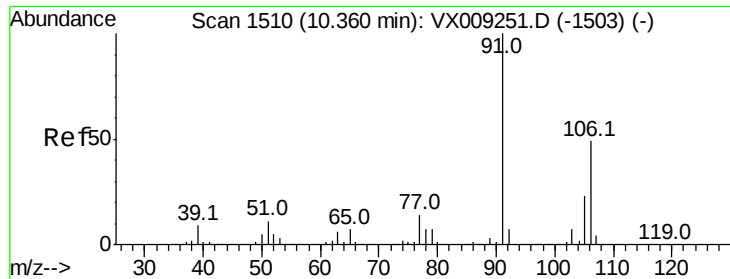
Tot Ion:131 Resp: 286863
 Ion Ratio Lower Upper
 131 100
 133 94.7 0.0 191.2
 119 65.8 0.0 135.4



#66
 Ethyl Benzene
 Concen: 149.562 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX009254.D
 Acq: 01 May 2019 12:40

Tgt Ion: 91 Resp: 1412491
 Ion Ratio Lower Upper
 91 100
 106 29.5 23.5 35.3

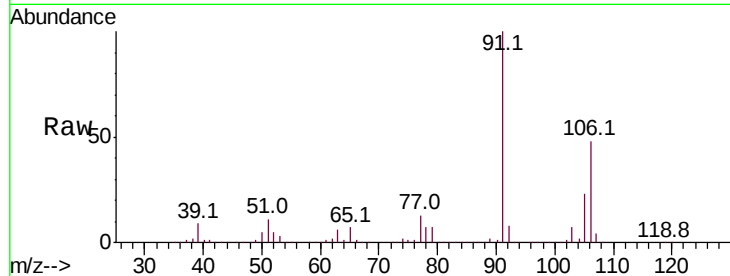




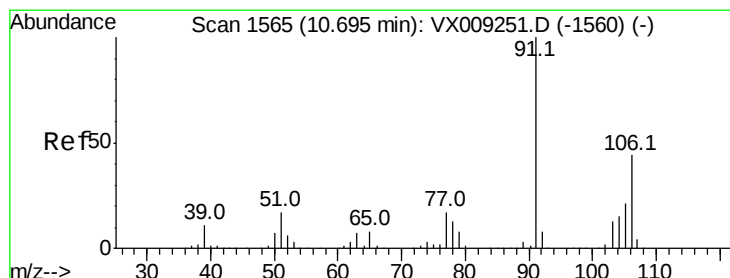
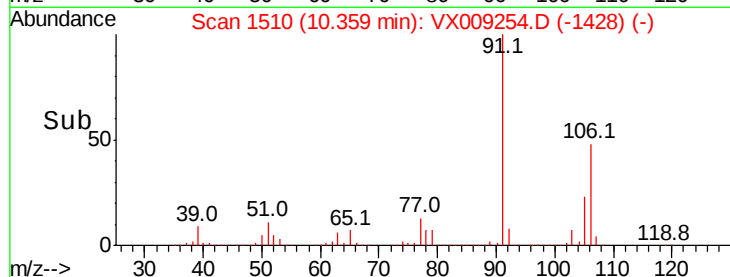
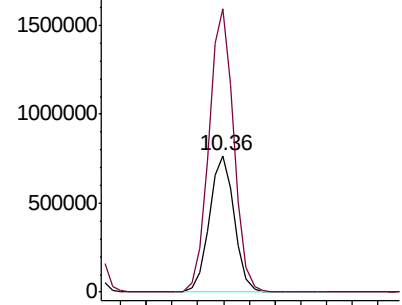
#67
m/p-Xylenes
Concen: 302.491 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009254.D
Acq: 01 May 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 1040311
Ion Ratio Lower Upper
106 100
91 207.3 166.8 250.2

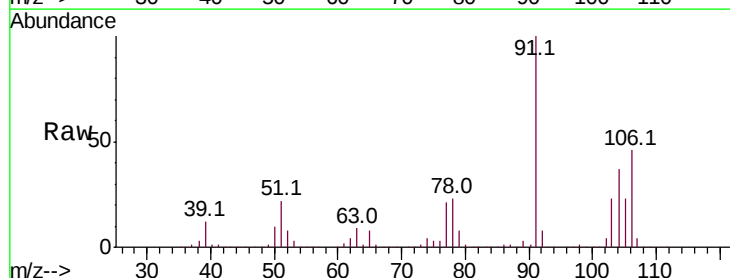


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

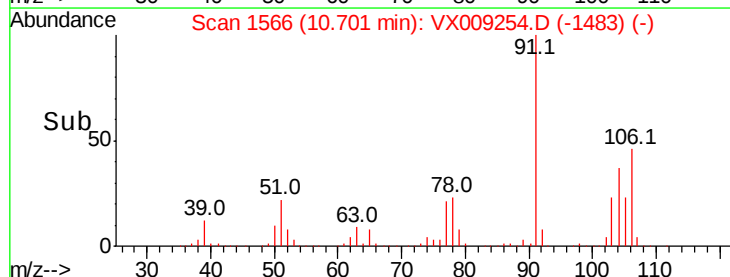
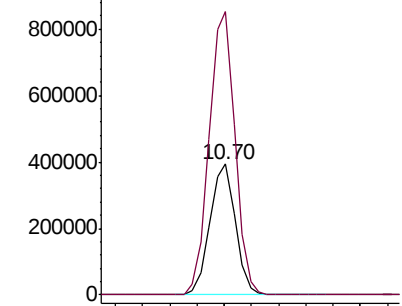


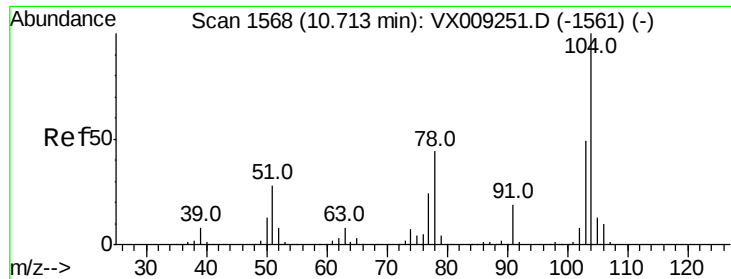
#68
o-Xylene
Concen: 152.985 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009254.D
Acq: 01 May 2019 12:40

Tgt Ion:106 Resp: 511502
Ion Ratio Lower Upper
106 100
91 218.9 110.8 332.3



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

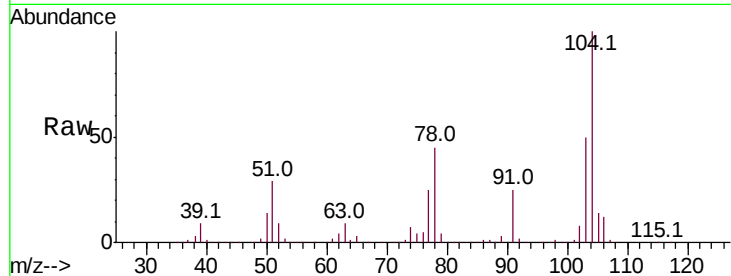




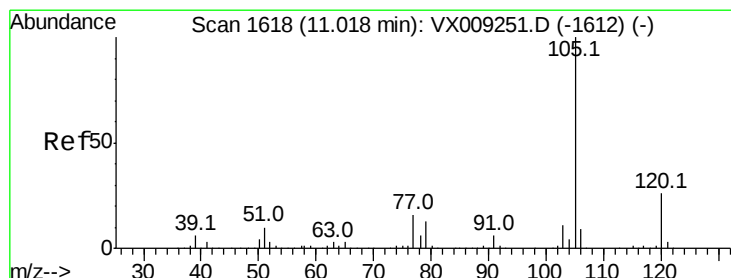
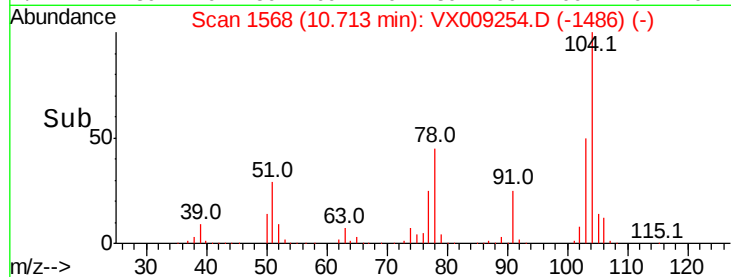
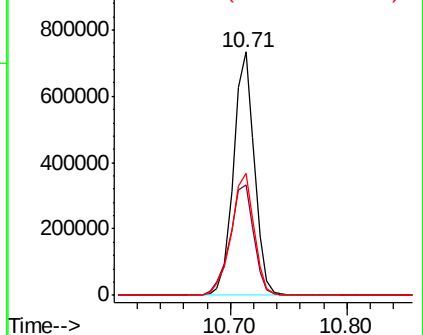
#69
Stvrene
Concen: 156.290 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009254.D
Acq: 01 May 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:104 Resp: 918091
Ion Ratio Lower Upper
104 100
78 51.6 41.1 61.7
103 55.0 43.8 65.8

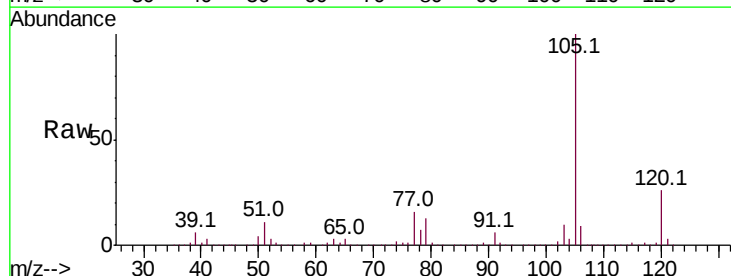


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX
Ion 103.00 (102.70 to 103.70): V

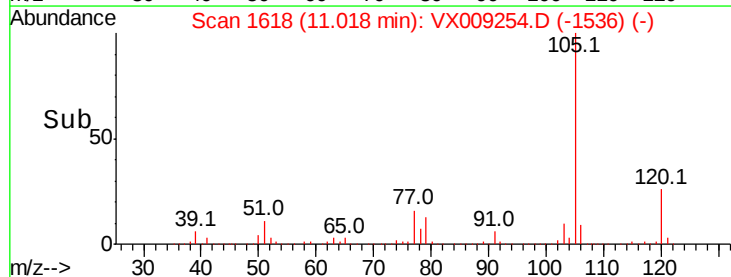
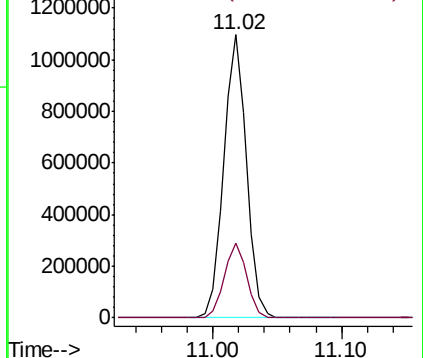


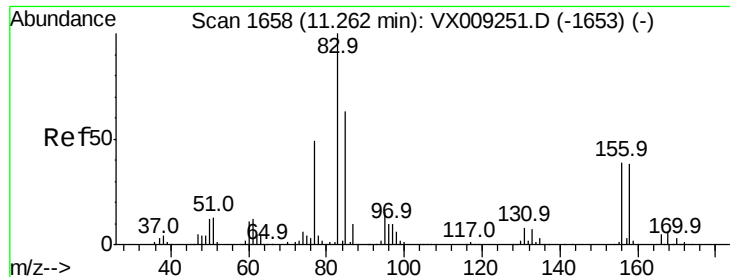
#70
Isopropylbenzene
Concen: 149.400 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009254.D
Acq: 01 May 2019 12:40

Tgt Ion:105 Resp: 1361331
Ion Ratio Lower Upper
105 100
120 26.1 18.1 33.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

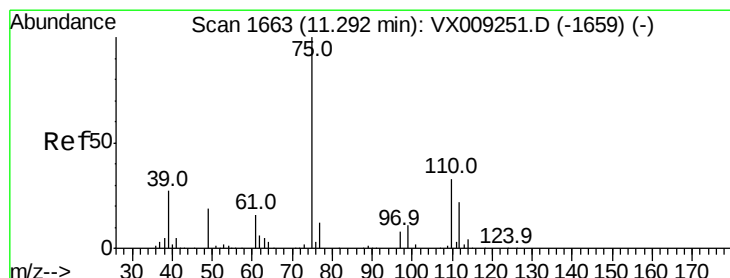
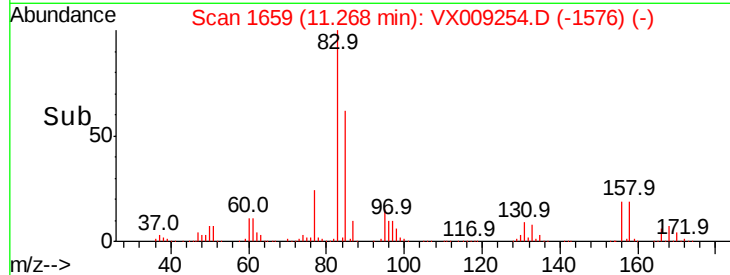
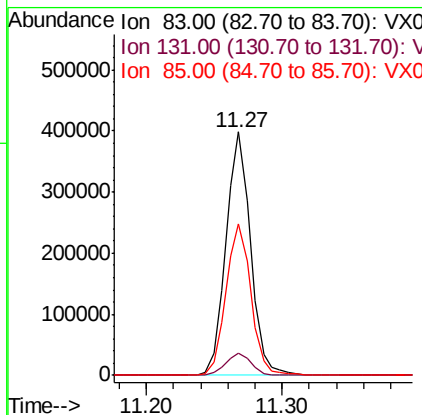
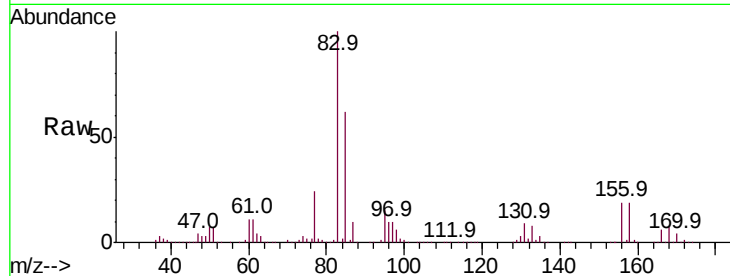




#71
 1,1,2,2-Tetrachloroethane
 Concen: 152.148 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.01 min
 Lab File: VX009254.D
 Acq: 01 May 2019 12:40

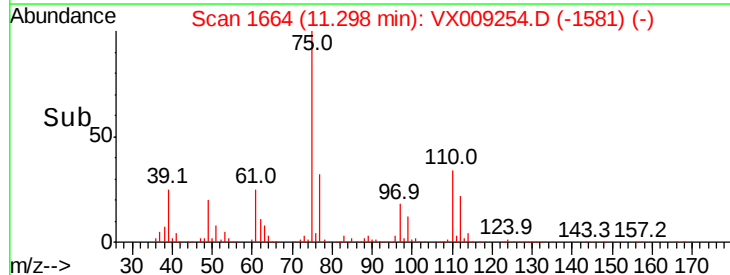
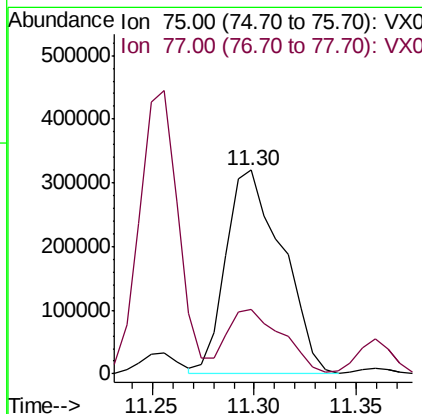
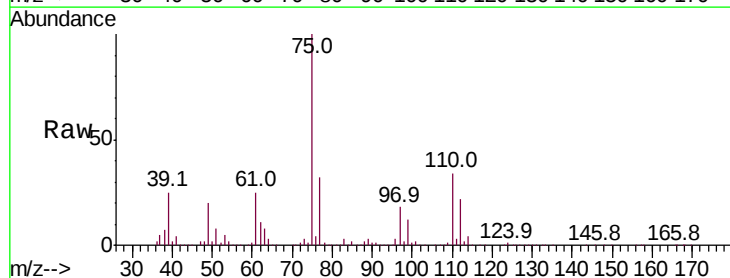
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

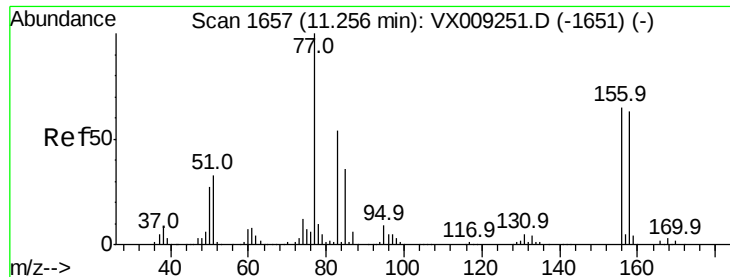
Tot Ion	83	Resp	498371
Ion Ratio	100		
Lower	4.7		
Upper	14.0		
85	63.7	32.4	97.2



#72
 1,2,3-Trichloropropane
 Concen: 213.391 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX009254.D
 Acq: 01 May 2019 12:40

Tgt Ion	75	Resp	616471
Ion Ratio	100		
Lower	0.0		
Upper	86.4		
77	32.1		





#73

Bromobenzene

Concen: 152.665 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

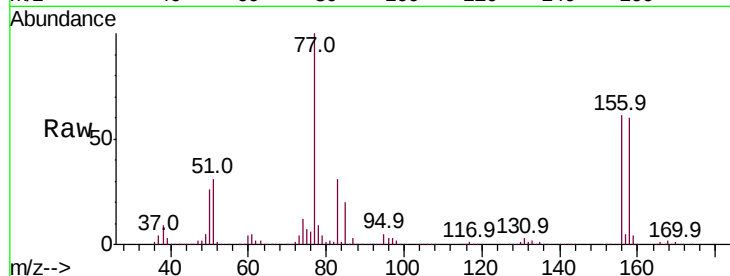
Tot Ion:156 Resp: 342229

Ion Ratio Lower Upper

156 100

77 170.1 0.0 335.6

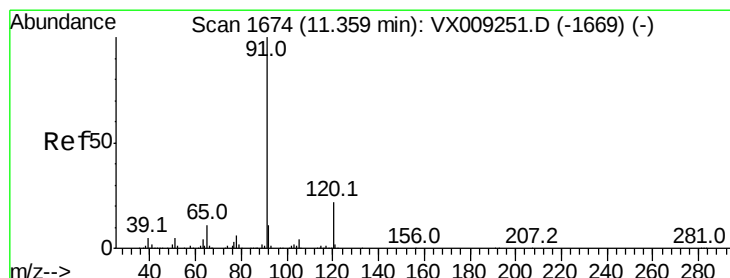
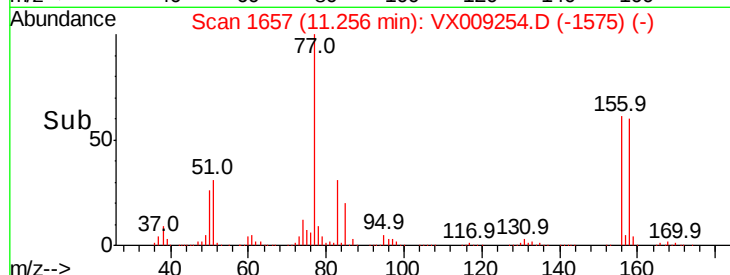
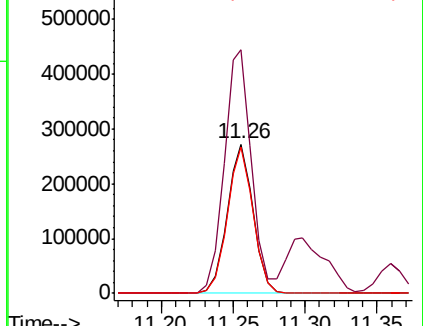
158 98.1 0.0 191.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 154.979 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009254.D

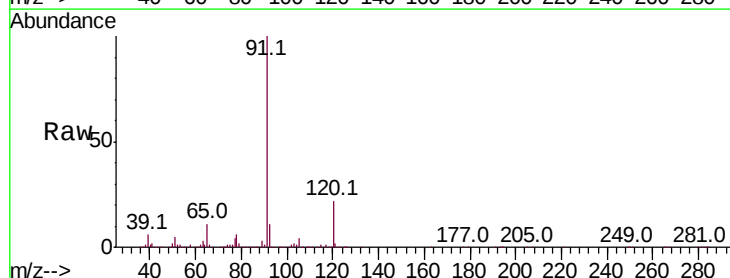
Acq: 01 May 2019 12:40

Tgt Ion: 91 Resp: 1621476

Ion Ratio Lower Upper

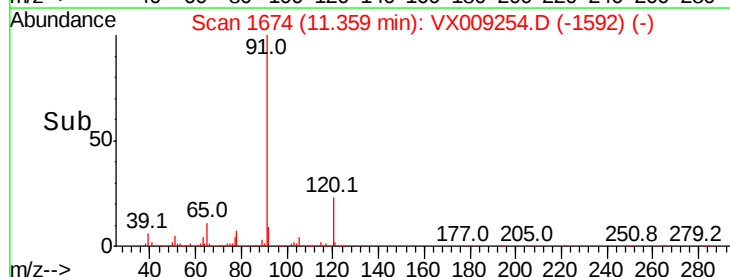
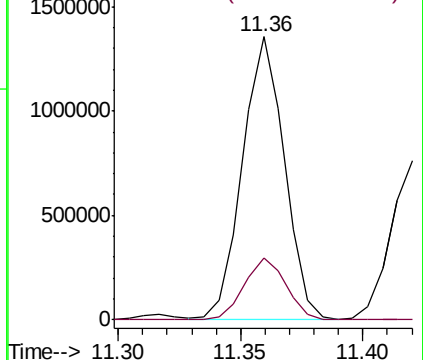
91 100

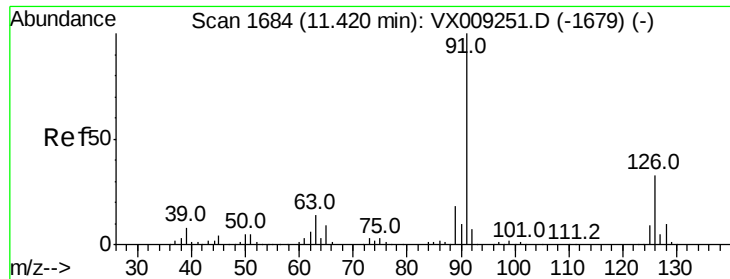
120 22.0 0.0 43.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 151.434 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

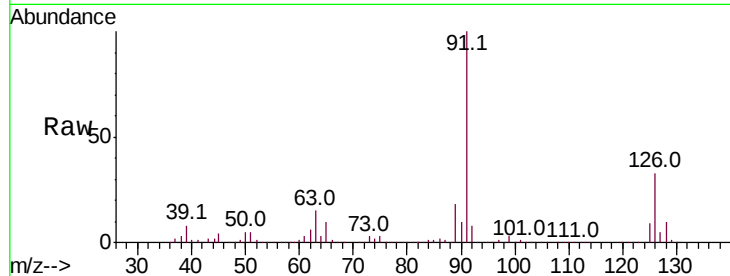
VSTDIC150

Tot Ion: 91 Resp: 954077

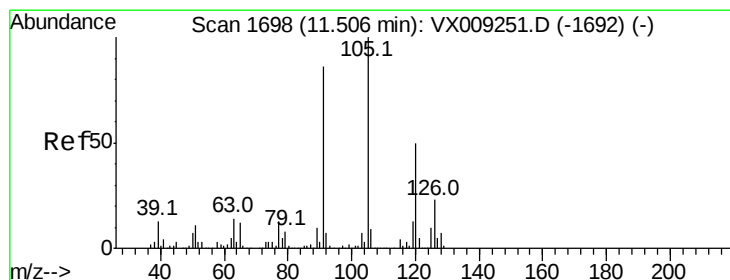
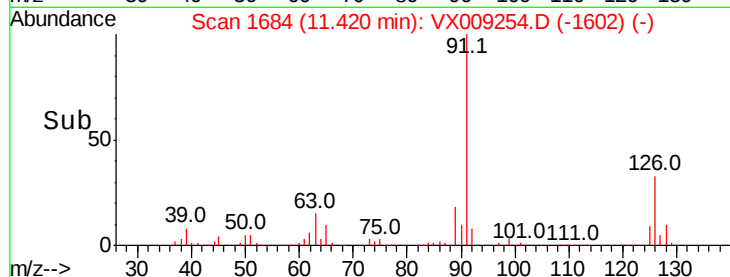
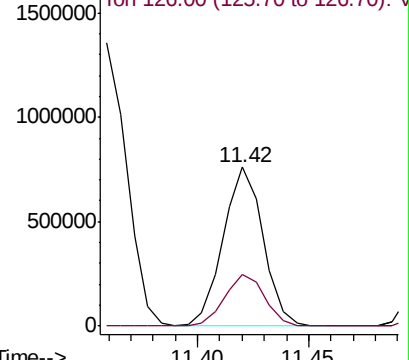
Ion Ratio Lower Upper

91 100

126 32.6 0.0 64.0



Abundance Ion 91.00 (90.70 to 91.70): VX009251.D (-1679) (-)



#76

1,3,5-Trimethylbenzene

Concen: 154.095 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009254.D

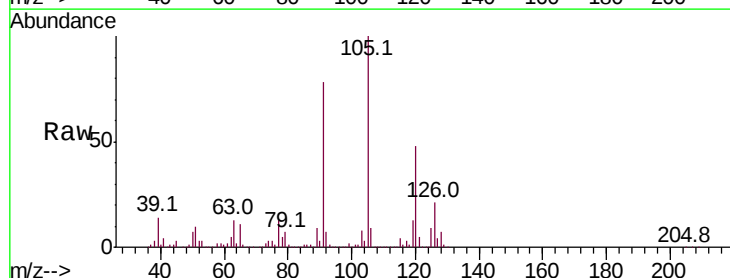
Acq: 01 May 2019 12:40

Tgt Ion:105 Resp: 1179111

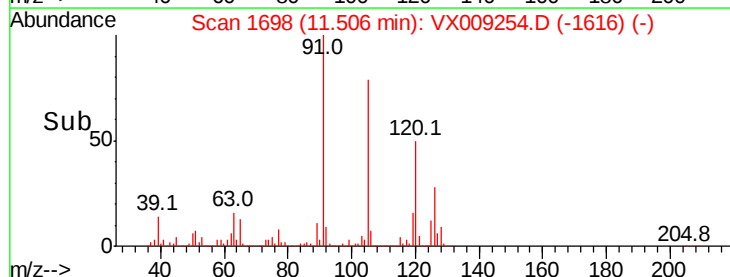
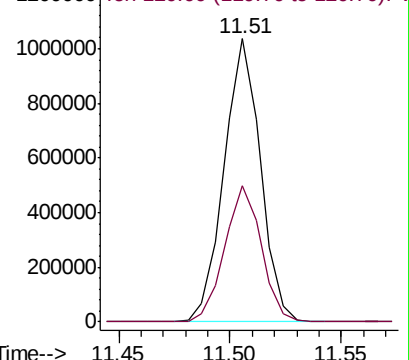
Ion Ratio Lower Upper

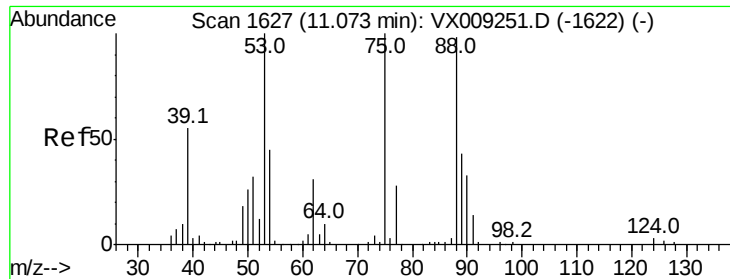
105 100

120 48.2 0.0 97.4



Abundance Ion 105.00 (104.70 to 105.70): VX009251.D (-1692) (-)

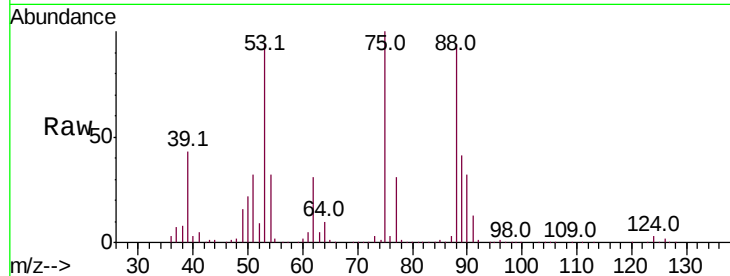




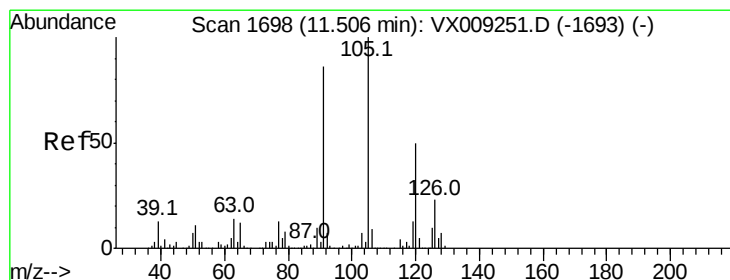
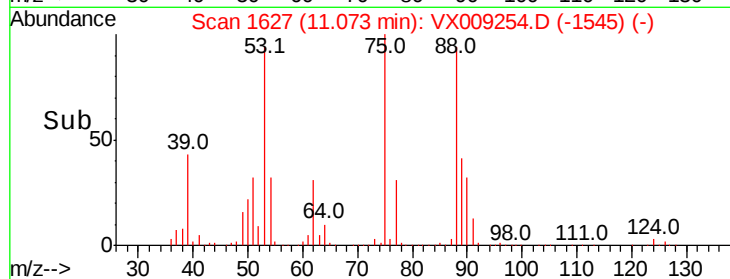
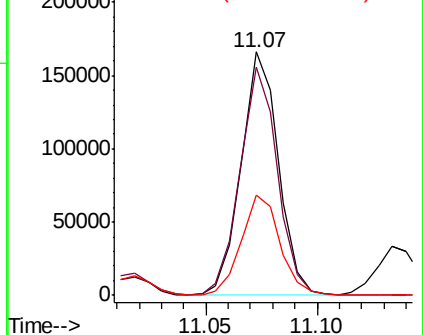
#77
 t-1,4-Dichloro-2-butene
 Concen: 181.839 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX009254.D
 Acq: 01 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.6	50.0	149.8
89	41.1	21.6	65.0

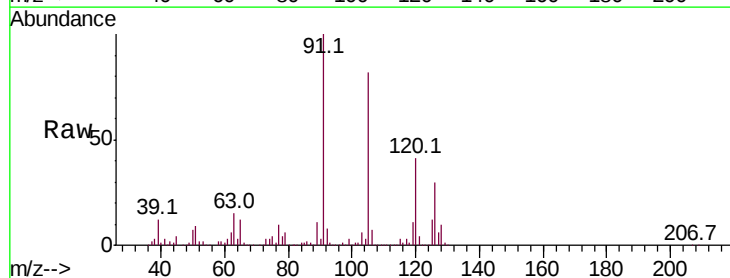


Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 53.00 (52.70 to 53.70): VX0
 Ion 89.00 (88.70 to 89.70): VX0

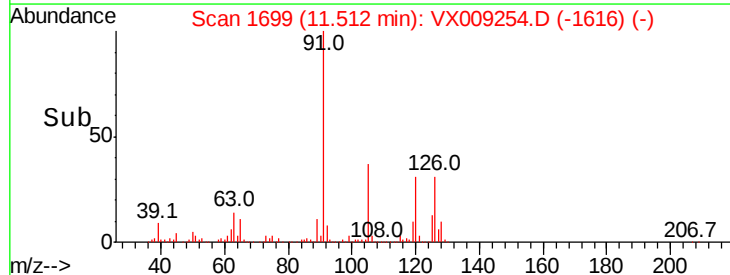
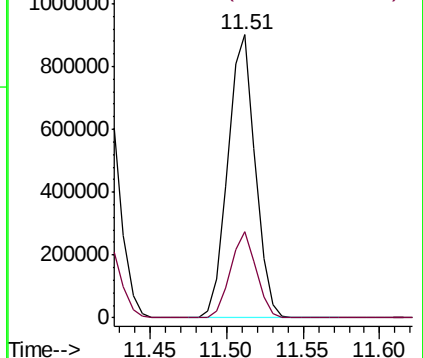


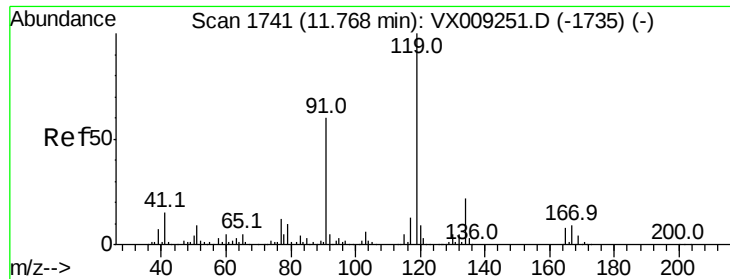
#78
 4-Chlorotoluene
 Concen: 158.181 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: VX009254.D
 Acq: 01 May 2019 12:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.9	0.0	57.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 126.00 (125.70 to 126.70): V

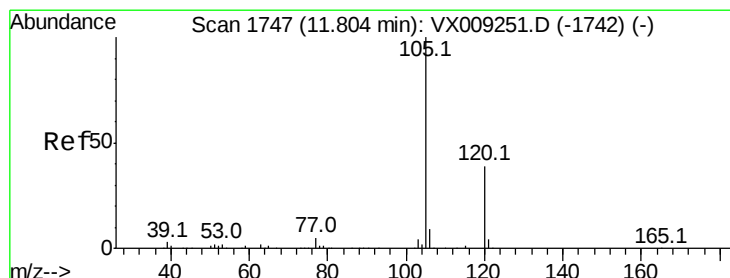
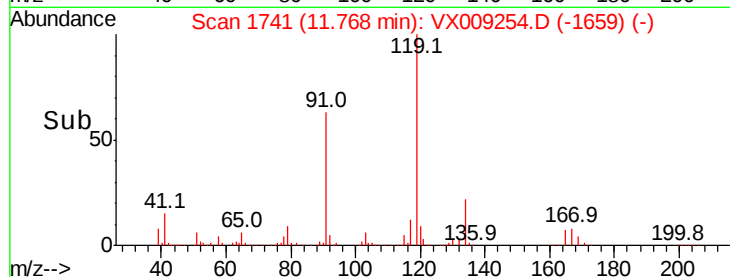
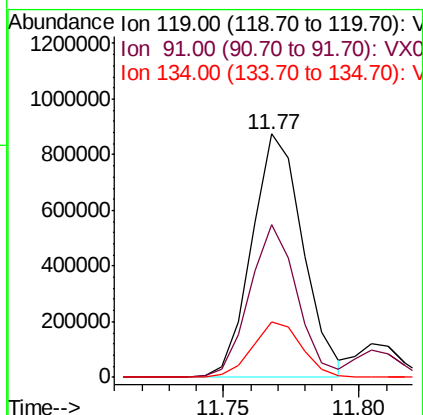
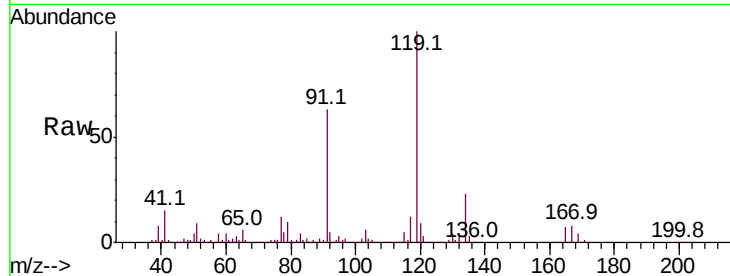




#79
tert-butylbenzene
Concen: 154.537 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009254.D
Acq: 01 May 2019 12:40

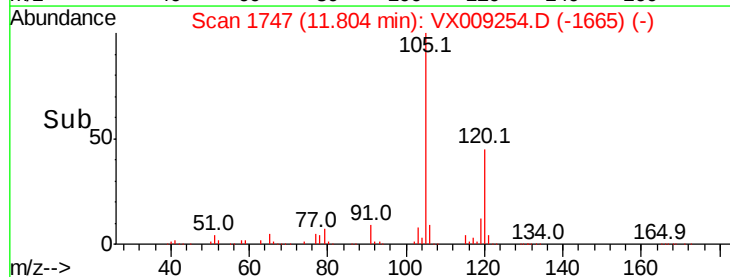
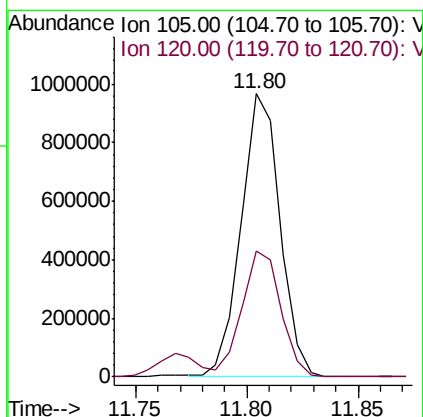
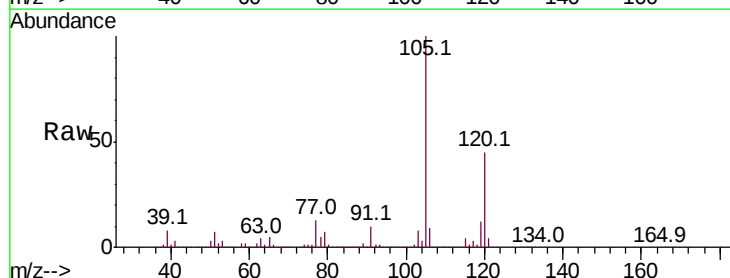
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

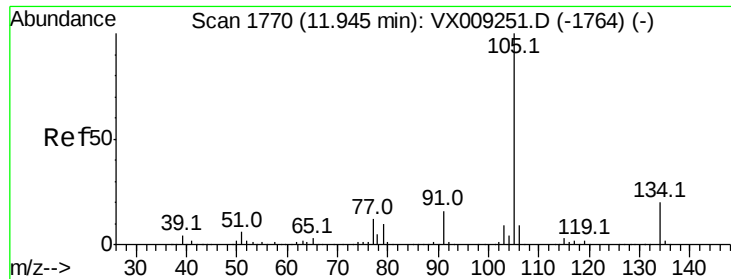
Tot Ion:119 Resp: 1142246
Ion Ratio Lower Upper
119 100
91 58.3 0.0 118.2
134 22.1 0.0 45.0



#80
1,2,4-Trimethylbenzene
Concen: 154.329 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009254.D
Acq: 01 May 2019 12:40

Tgt Ion:105 Resp: 1179286
Ion Ratio Lower Upper
105 100
120 44.4 0.0 89.6

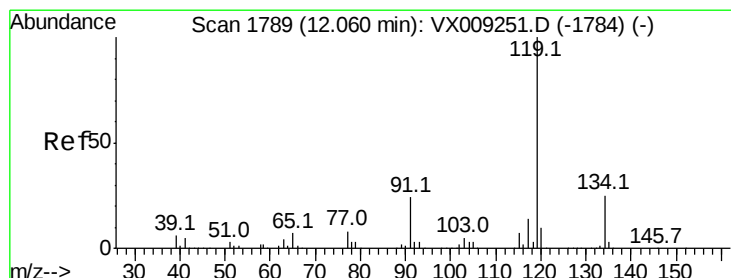
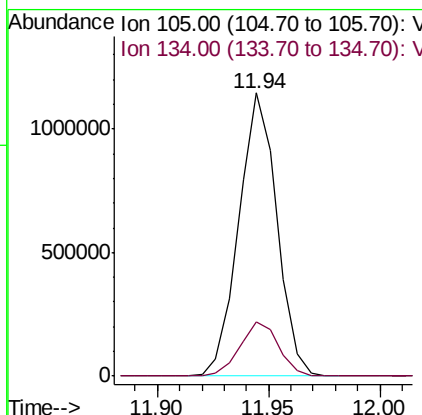
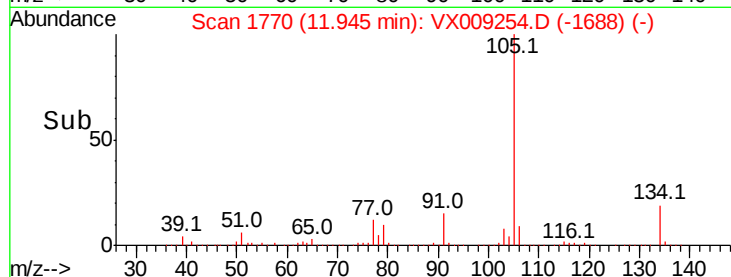
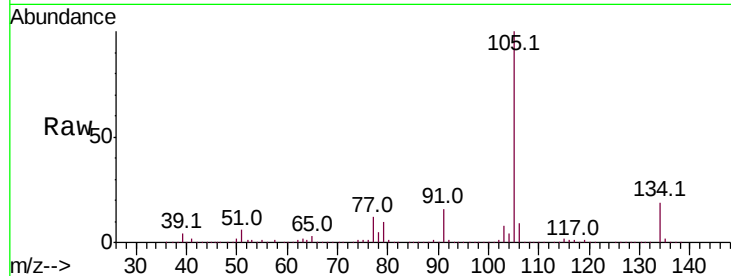




#81
 sec-Butylbenzene
 Concen: 156.067 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009254.D
 Acq: 01 May 2019 12:40

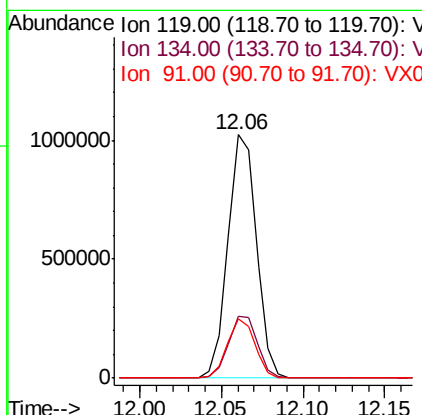
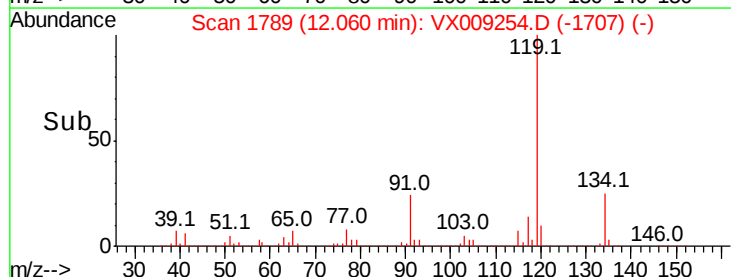
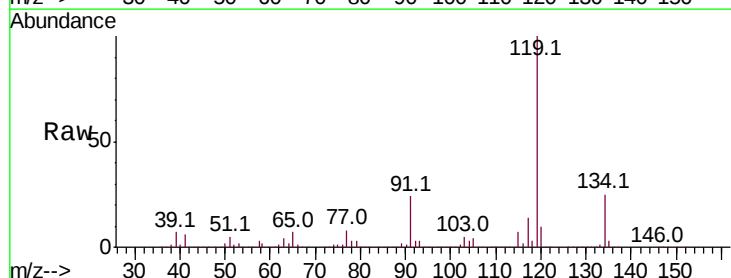
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

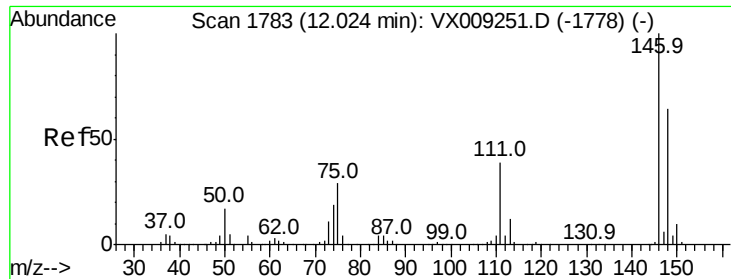
Tot Ion:105 Resp: 1366381
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 156.872 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009254.D
 Acq: 01 May 2019 12:40

Tgt Ion:119 Resp: 1246236
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 50.8
 91 23.6 0.0 47.2



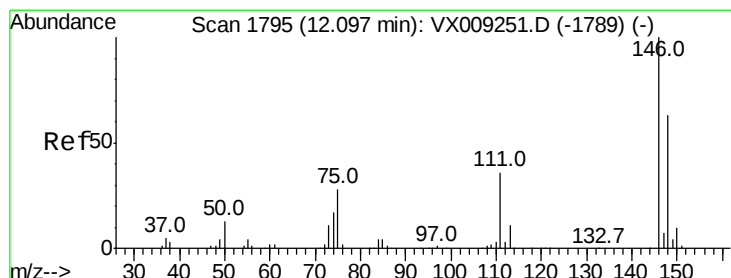
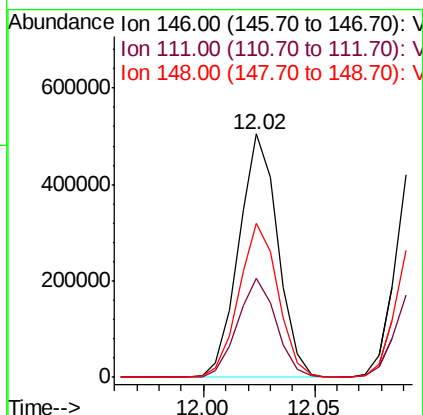
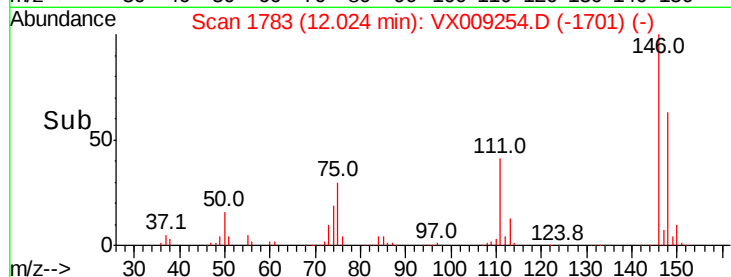
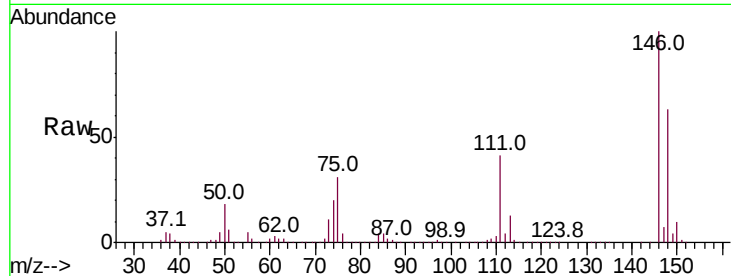


#83
 1,3-Dichlorobenzene
 Concen: 158.708 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009254.D
 Acq: 01 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 616813

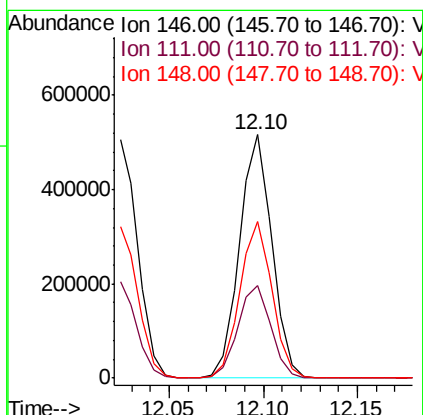
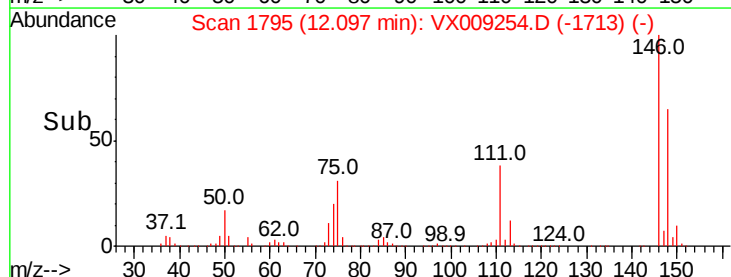
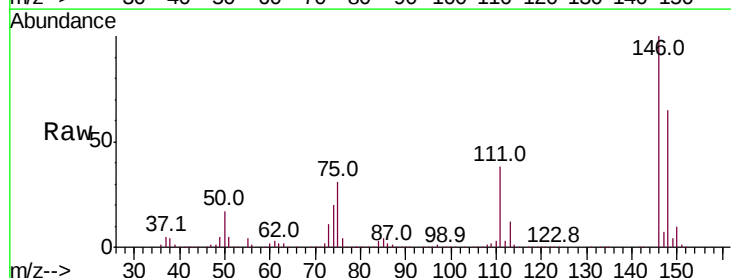
Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	60.0
148	63.6	32.2	96.6

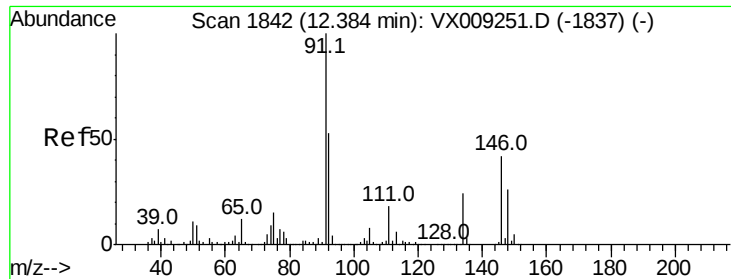


#84
 1,4-Dichlorobenzene
 Concen: 160.619 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009254.D
 Acq: 01 May 2019 12:40

Tgt Ion:146 Resp: 614875

Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.6	58.7
148	64.1	32.3	96.8





#85

n-Butylbenzene

Concen: 168.482 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

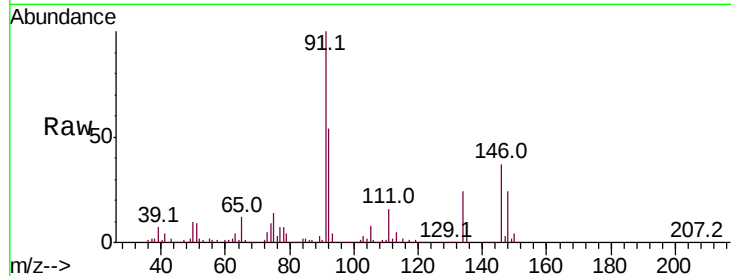
Tot Ion: 91 Resp: 1187964

Ion Ratio Lower Upper

91 100

92 53.4 0.0 106.6

134 25.1 0.0 50.0

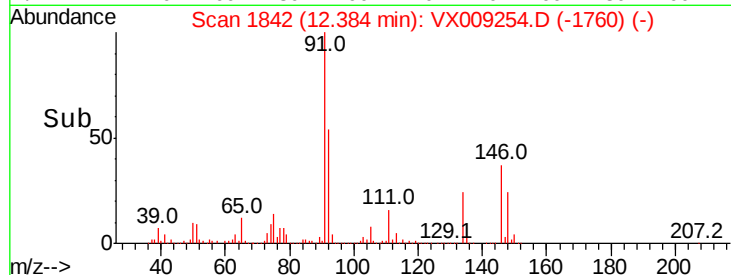


Abundance Ion 91.00 (90.70 to 91.70): VX009251.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX009251.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX009251.D (-1837) (-)

12.38



Abundance Ion 91.00 (90.70 to 91.70): VX009254.D (-1760) (-)

Ion 92.00 (91.70 to 92.70): VX009254.D (-1760) (-)

Ion 134.00 (133.70 to 134.70): VX009254.D (-1760) (-)

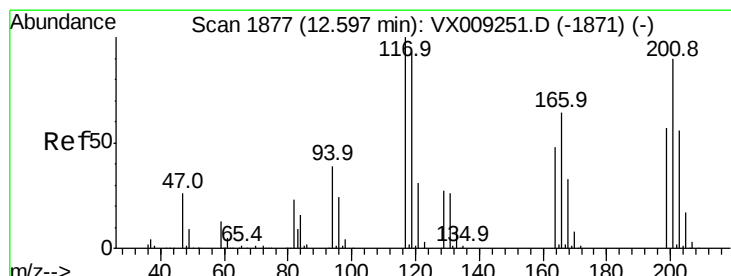
12.38

Abundance Ion 91.00 (90.70 to 91.70): VX009254.D (-1760) (-)

Ion 92.00 (91.70 to 92.70): VX009254.D (-1760) (-)

Ion 134.00 (133.70 to 134.70): VX009254.D (-1760) (-)

12.38



#86

Hexachloroethane

Concen: 164.441 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009254.D

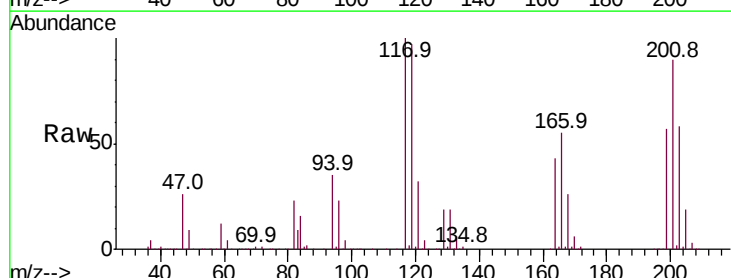
Acq: 01 May 2019 12:40

Tgt Ion: 117 Resp: 221776

Ion Ratio Lower Upper

117 100

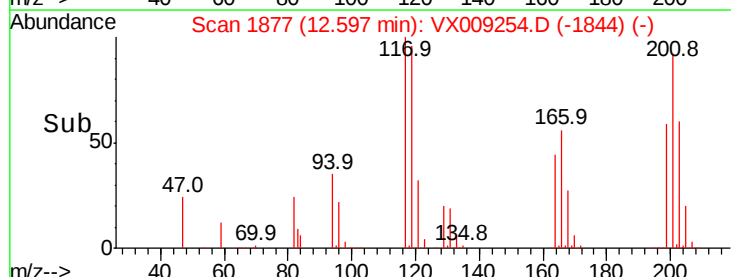
201 87.4 41.8 125.4



Abundance Ion 117.00 (116.70 to 117.70): VX009251.D (-1871) (-)

Ion 201.00 (200.70 to 201.70): VX009251.D (-1871) (-)

12.60



Abundance Ion 117.00 (116.70 to 117.70): VX009254.D (-1844) (-)

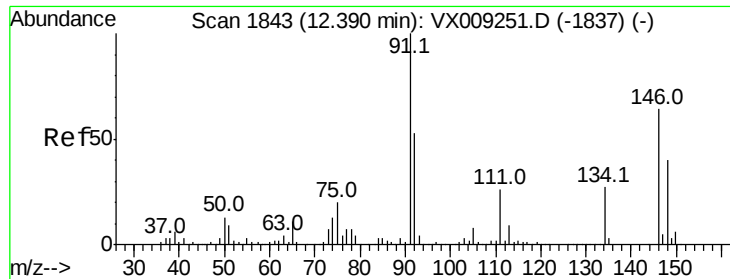
Ion 201.00 (200.70 to 201.70): VX009254.D (-1844) (-)

12.60

Abundance Ion 117.00 (116.70 to 117.70): VX009254.D (-1844) (-)

Ion 201.00 (200.70 to 201.70): VX009254.D (-1844) (-)

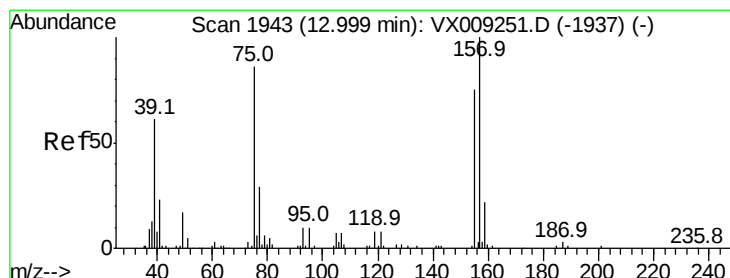
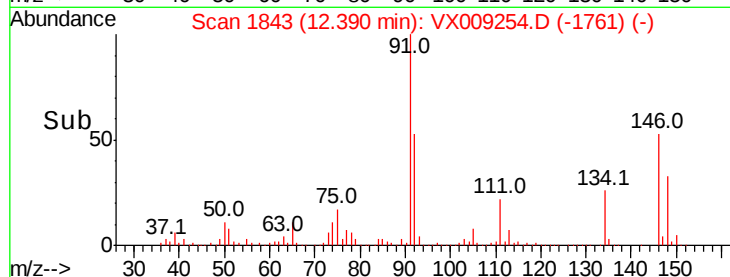
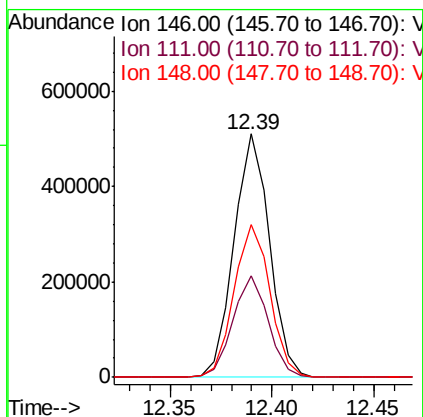
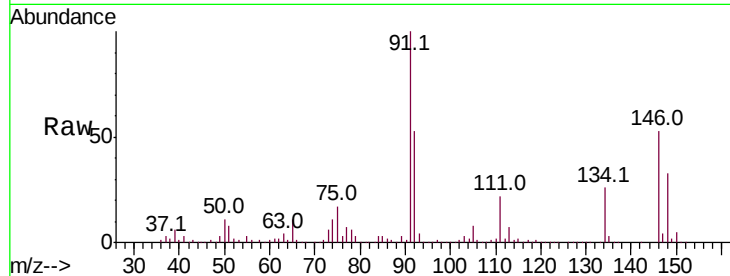
12.60



#87
 1,2-Dichlorobenzene
 Concen: 154.499 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009254.D
 Acq: 01 May 2019 12:40

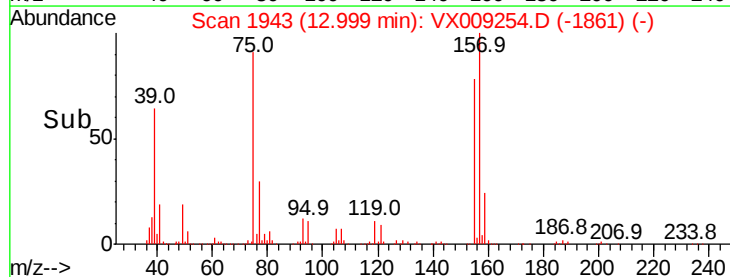
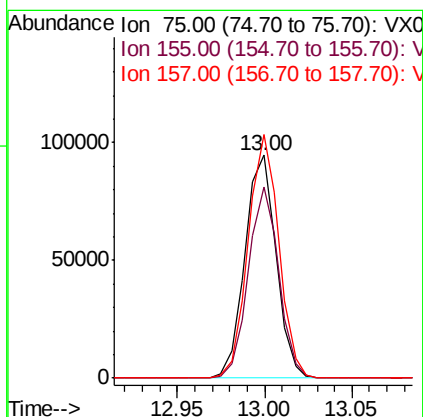
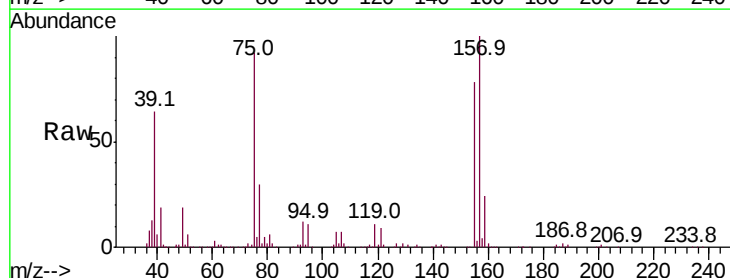
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

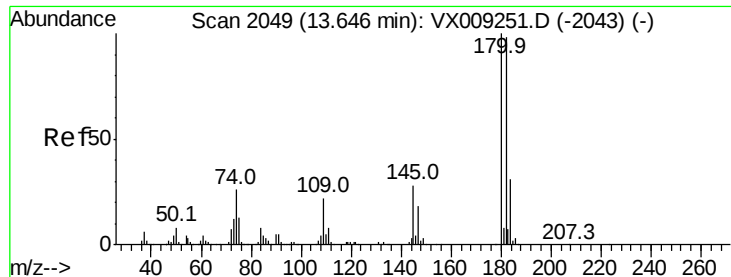
Tot Ion:146 Resp: 613644
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.8 62.2
 148 63.8 31.4 94.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 155.746 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009254.D
 Acq: 01 May 2019 12:40

Tgt Ion: 75 Resp: 117764
 Ion Ratio Lower Upper
 75 100
 155 83.1 65.9 98.9
 157 106.7 85.2 127.8

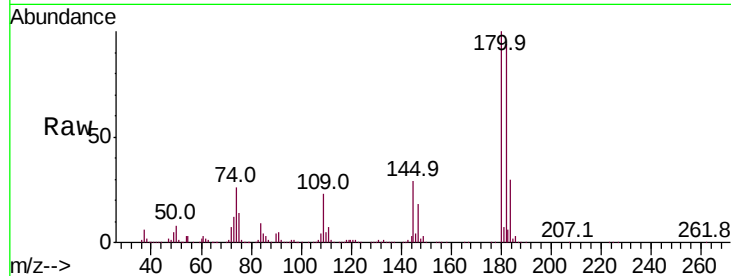




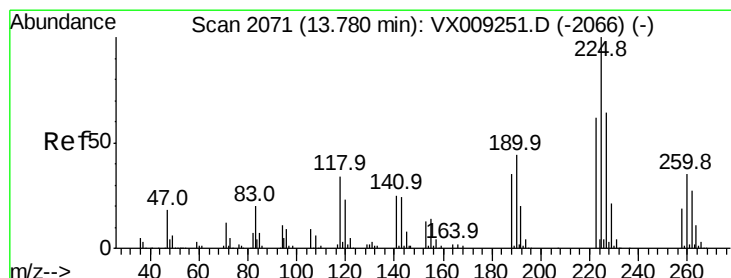
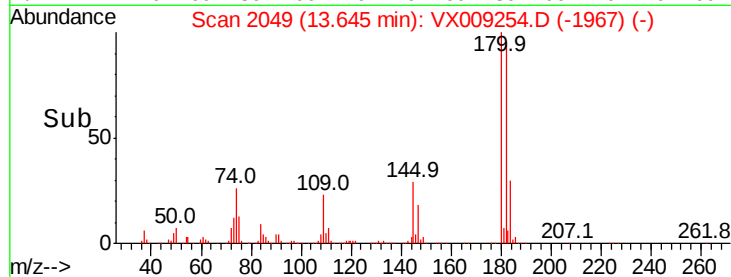
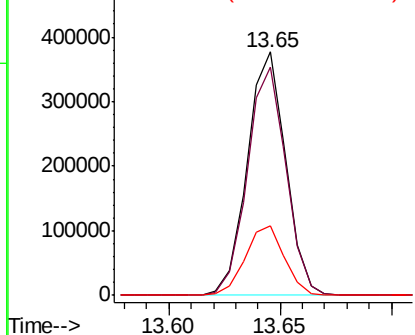
#89
 1,2,4-Trichlorobenzene
 Concen: 166.633 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009254.D
 Acq: 01 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:180 Resp: 453183
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.9 115.3
 145 29.3 23.0 34.6

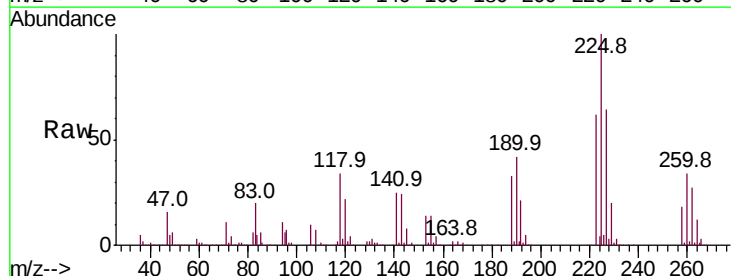


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

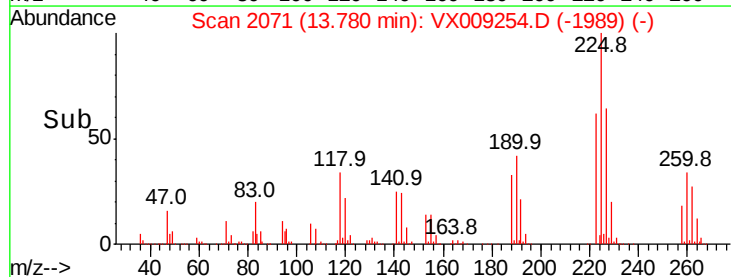
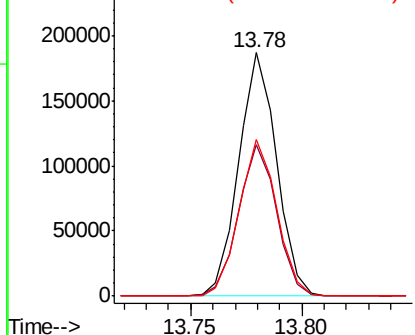


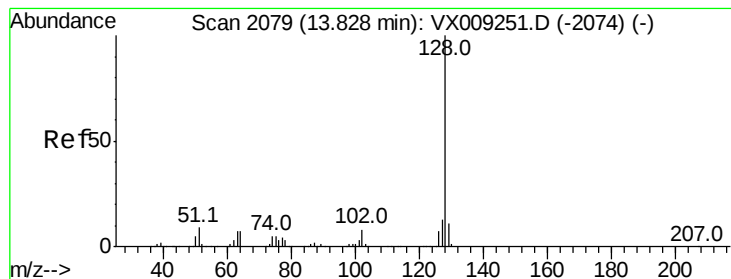
#90
 Hexachlorobutadiene
 Concen: 160.795 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009254.D
 Acq: 01 May 2019 12:40

Tgt Ion:225 Resp: 221691
 Ion Ratio Lower Upper
 225 100
 223 62.8 0.0 126.6
 227 64.0 0.0 130.0



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 154.710 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

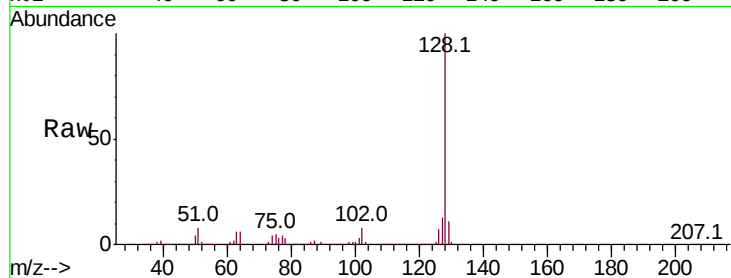
Tot Ion:128 Resp: 1441298

Ion Ratio Lower Upper

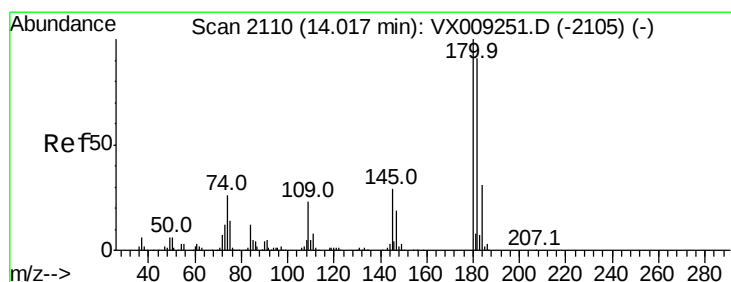
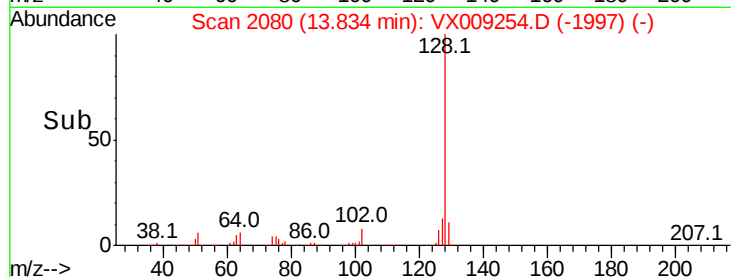
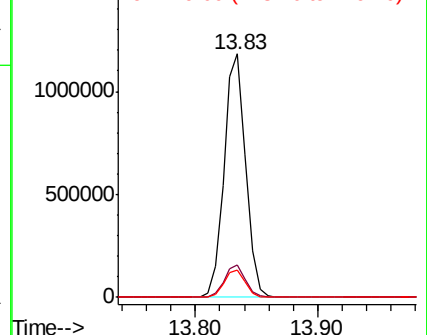
128 100

127 13.1 10.5 15.7

129 11.0 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



#92

1,2,3-Trichlorobenzene

Concen: 156.428 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009254.D

Acq: 01 May 2019 12:40

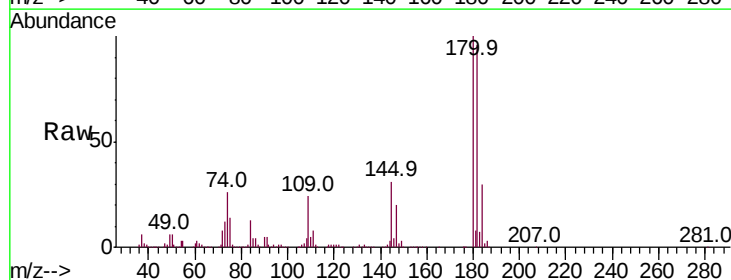
Tgt Ion:180 Resp: 447559

Ion Ratio Lower Upper

180 100

182 95.5 0.0 189.0

145 31.2 0.0 61.6



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

