

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008610.D
 Acq On : 03 Apr 2019 11:29
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 04 04:11:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:04:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	197700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	331319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139318	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	423662	146.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.84%	
35) Dibromofluoromethane	5.50	113	318741	150.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.94%	
50) Toluene-d8	8.72	98	1253544	148.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.24%	
62) 4-Bromofluorobenzene	11.13	95	446018	149.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	314109	138.028	ug/l	99
3) Chloromethane	1.32	50	407866	129.730	ug/l	99
4) Vinyl Chloride	1.41	62	431911	140.399	ug/l	98
5) Bromomethane	1.64	94	238267	145.226	ug/l	98
6) Chloroethane	1.70	64	237016	109.649	ug/l	99
7) Trichlorofluoromethane	1.91	101	473096	139.121	ug/l	99
8) Diethyl Ether	2.19	74	223723	138.730	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	305951	139.740	ug/l	99
10) Methyl Iodide	2.50	142	315004	174.546	ug/l	99
11) Tert butyl alcohol	3.08	59	472663	700.159	ug/l	100
12) 1,1-Dichloroethene	2.36	96	316570	138.507	ug/l	99
13) Acrolein	2.29	56	237135	708.415	ug/l	99
14) Allyl chloride	2.72	41	737276	140.909	ug/l	99
15) Acrylonitrile	3.15	53	1193377	667.286	ug/l	99
16) Acetone	2.45	43	1115597	671.702	ug/l	99
17) Carbon Disulfide	2.56	76	972205	132.433	ug/l	100
18) Methyl Acetate	2.78	43	538250	133.626	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	1174293	143.867	ug/l	100
20) Methylene Chloride	2.85	84	364478	131.104	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	337700	136.597	ug/l	96
22) Diisopropyl ether	3.86	45	1399273	138.752	ug/l	97
23) Vinyl Acetate	3.82	43	6297298	717.800	ug/l	100
24) 1,1-Dichloroethane	3.69	63	706449	141.486	ug/l	99
25) 2-Butanone	4.68	43	1798356	685.082	ug/l	100
26) 2,2-Dichloropropane	4.58	77	522756	148.649	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	393803	138.547	ug/l	99
28) Bromochloromethane	5.02	49	294913	124.448	ug/l	100
29) Tetrahydrofuran	5.13	42	1180821	677.741	ug/l	100
30) Chloroform	5.21	83	624396	140.011	ug/l	98
31) Cyclohexane	5.57	56	687013	137.894	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	530006	147.068	ug/l	99
36) 1,1-Dichloropropene	5.80	75	510212	140.878	ug/l	100
37) Ethyl Acetate	4.84	43	684630	141.624	ug/l	100
38) Carbon Tetrachloride	5.78	117	448048	149.474	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	634117	141.736	ug/l	99
40) Benzene	6.14	78	1525201	141.362	ug/l	100
41) Methacrylonitrile	5.05	41	386423	139.066	ug/l	99
42) 1,2-Dichloroethane	6.19	62	531973	137.532	ug/l	99
43) Isopropyl Acetate	6.45	43	1105945	146.044	ug/l	100
44) Trichloroethene	7.21	130	359901	143.221	ug/l	99
45) 1,2-Dichloropropane	7.51	63	434903	141.224	ug/l	99
46) Dibromomethane	7.66	93	249923	139.928	ug/l	99
47) Bromodichloromethane	7.90	83	505926	150.231	ug/l	99
48) Methyl methacrylate	7.77	41	545422	142.384	ug/l	100
49) 1,4-Dioxane	7.74	88	192418	2681.451	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	3325426	682.163	ug/l	99
52) Toluene	8.79	92	896155	140.886	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	594788	157.671	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	657367	152.506	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	353644	138.505	ug/l	100
56) Ethyl methacrylate	9.18	69	658275	142.492	ug/l	100
57) 1,3-Dichloropropane	9.37	76	632778	138.015	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1717118	727.924	ug/l	99
59) 2-Hexanone	9.49	43	2596623	685.404	ug/l	99
60) Dibromochloromethane	9.59	129	365766	152.021	ug/l	99
61) 1,2-Dibromoethane	9.67	107	372733	140.226	ug/l	99
64) Tetrachloroethene	9.34	164	296783	140.670	ug/l	99
65) Chlorobenzene	10.14	112	895233	141.825	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	331535	149.714	ug/l	99
67) Ethyl Benzene	10.25	91	1707772	145.091	ug/l	99
68) m/p-Xylenes	10.36	106	1236721	292.227	ug/l	98
69) o-Xylene	10.70	106	590705	144.027	ug/l	99
70) Styrene	10.71	104	1040794	147.219	ug/l	100
71) Bromoform	10.86	173	275298	162.774	ug/l #	98
73) Isopropylbenzene	11.02	105	1572364	136.186	ug/l	100
74) N-amyl acetate	10.90	43	969547	142.731	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	582586	132.677	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	716663	174.004	ug/l	79
77) Bromobenzene	11.26	156	378827	136.485	ug/l	99
78) n-propylbenzene	11.36	91	1862094	138.513	ug/l	100
79) 2-Chlorotoluene	11.42	91	1083673	133.205	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1347454	139.033	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	221537	159.562	ug/l	95
82) 4-Chlorotoluene	11.51	91	1294825	137.499	ug/l	99
83) tert-Butylbenzene	11.77	119	1319595	141.525	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1351437	137.713	ug/l	99
85) sec-Butylbenzene	11.94	105	1555374	140.436	ug/l	99
86) p-Isopropyltoluene	12.07	119	1411252	141.968	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	684037	137.663	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	692741	137.678	ug/l	99
89) n-Butylbenzene	12.39	91	1381583	148.199	ug/l	99
90) Hexachloroethane	12.60	117	251248	152.387	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	681639	138.164	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	140060	144.999	ug/l	100

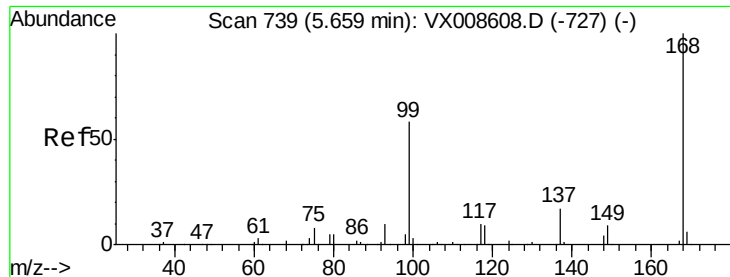
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040319\
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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:04:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	496172	144.646	ug/l	99
94) Hexachlorobutadiene	13.78	225	239917	145.838	ug/l	100
95) Naphthalene	13.83	128	1646148	143.585	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	489654	142.870	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

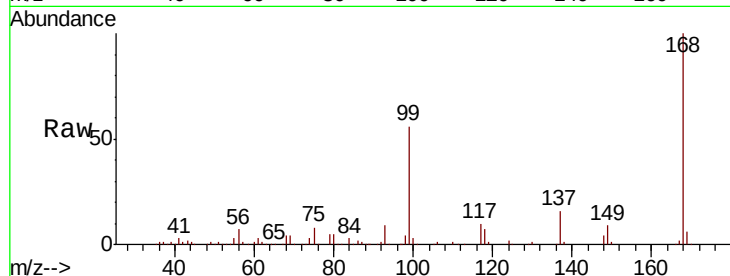
VSTDIC150

Tot Ion:168 Resp: 197700

Ion Ratio Lower Upper

168 100

99 55.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

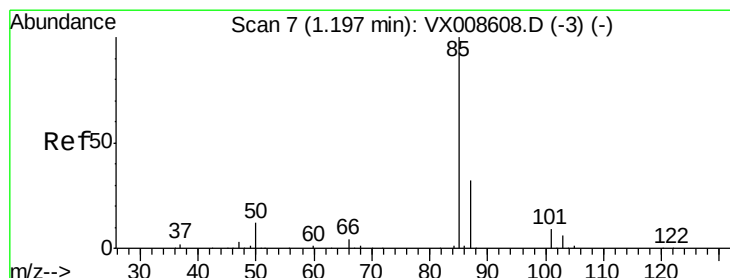
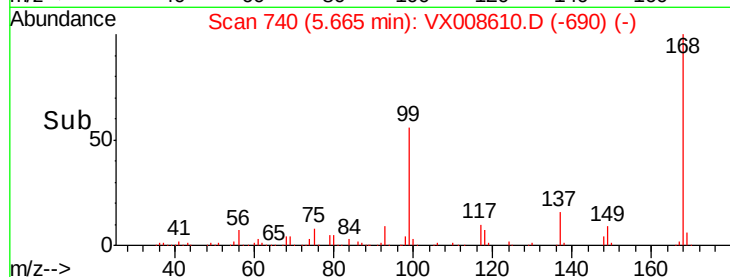
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 138.028 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008610.D

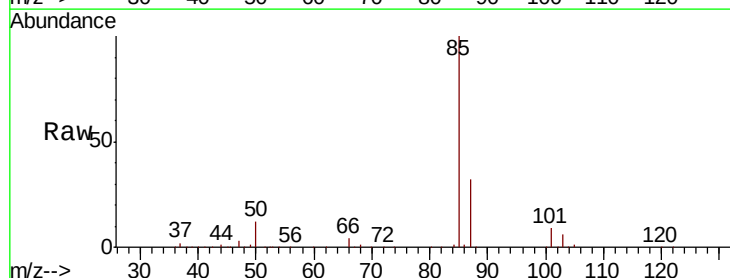
Acq: 03 Apr 2019 11:29

Tgt Ion: 85 Resp: 314109

Ion Ratio Lower Upper

85 100

87 32.3 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

250000

200000

150000

100000

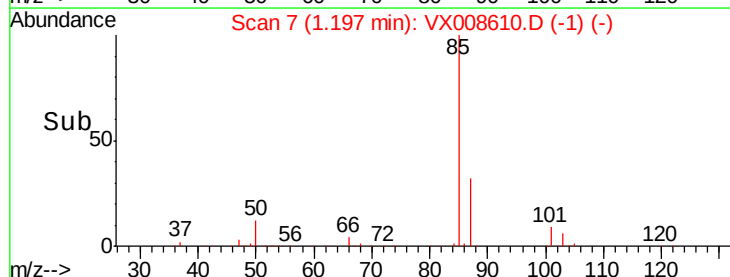
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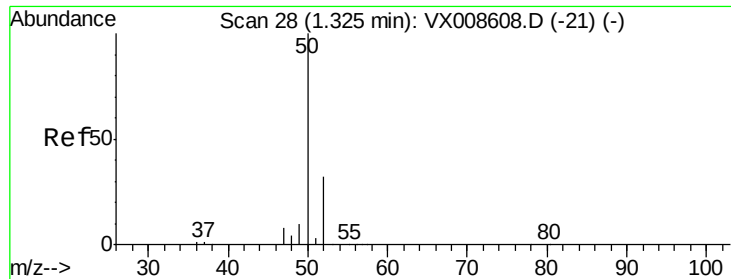
0

1.20

1.30

Time-->





#3

Chloromethane

Concen: 129.730 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

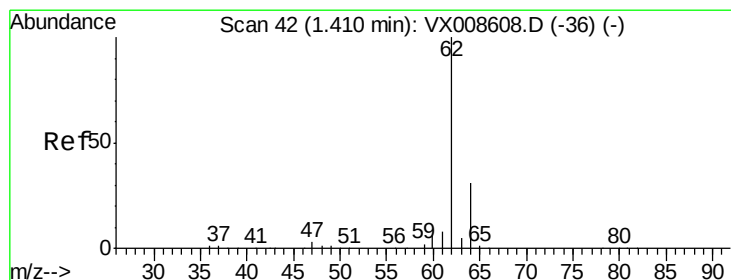
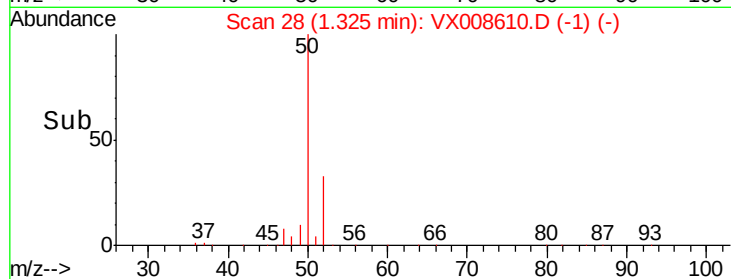
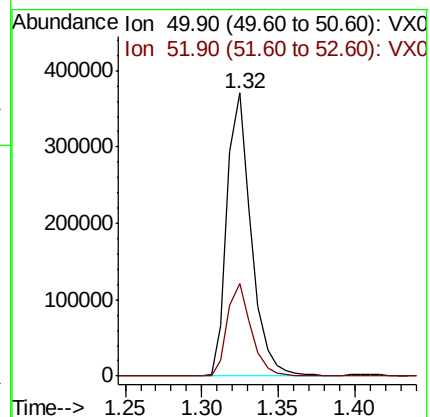
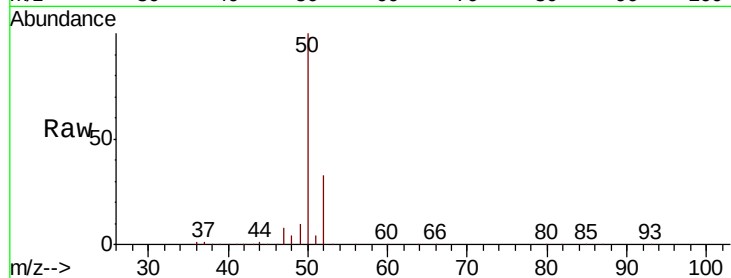
VSTDIC150

Tot Ion: 50 Resp: 407866

Ion Ratio Lower Upper

50 100

52 32.6 25.8 38.8



#4

Vinyl Chloride

Concen: 140.399 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008610.D

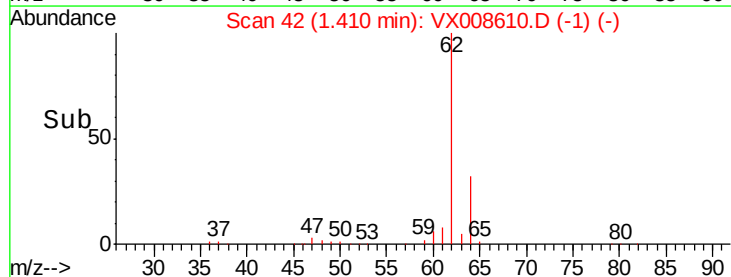
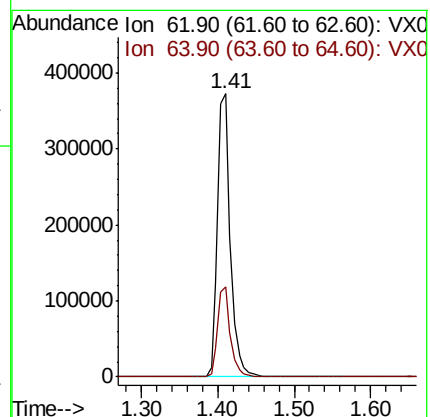
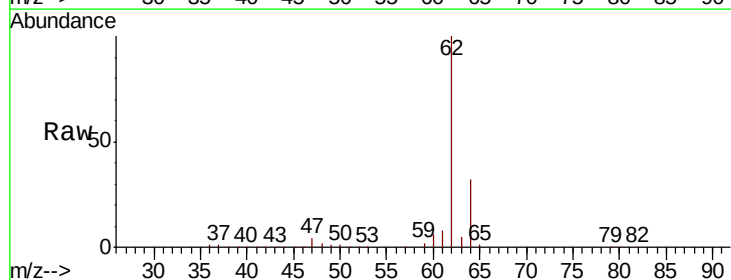
Acq: 03 Apr 2019 11:29

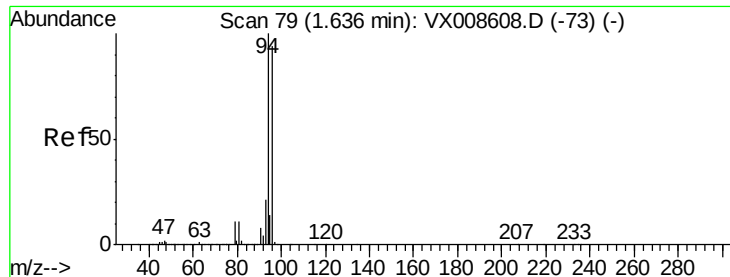
Tgt Ion: 62 Resp: 431911

Ion Ratio Lower Upper

62 100

64 31.9 24.7 37.1





#5

Bromomethane

Concen: 145.226 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

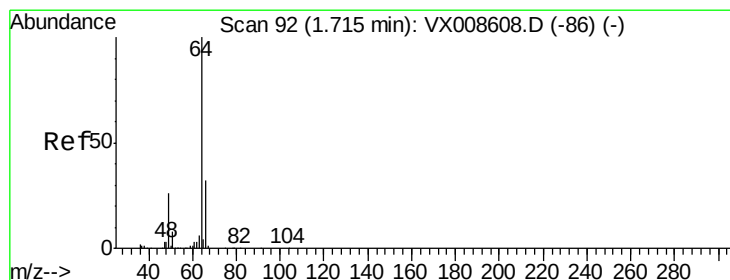
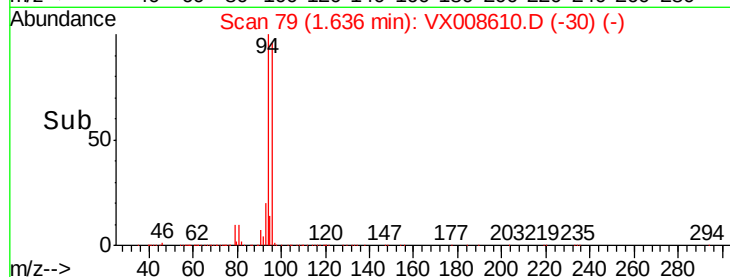
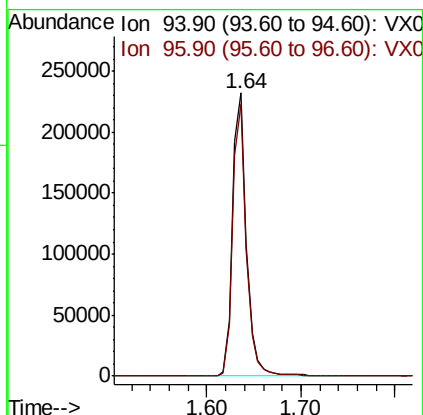
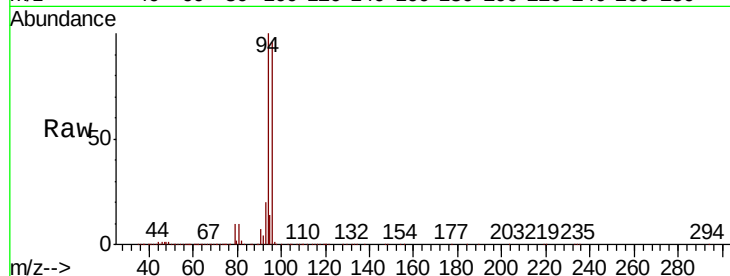
VSTDIC150

Tot Ion: 94 Resp: 238267

Ion Ratio Lower Upper

94 100

96 95.9 75.2 112.8



#6

Chloroethane

Concen: 109.649 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX008610.D

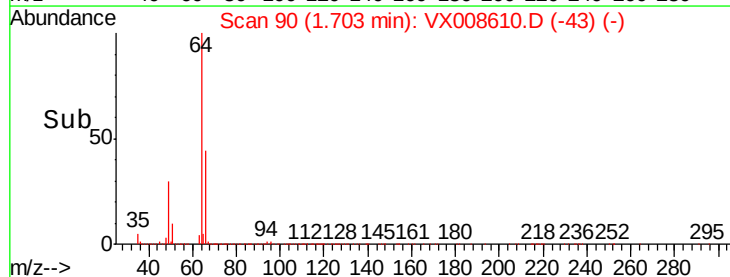
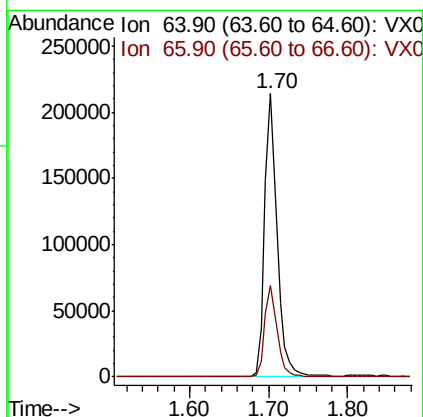
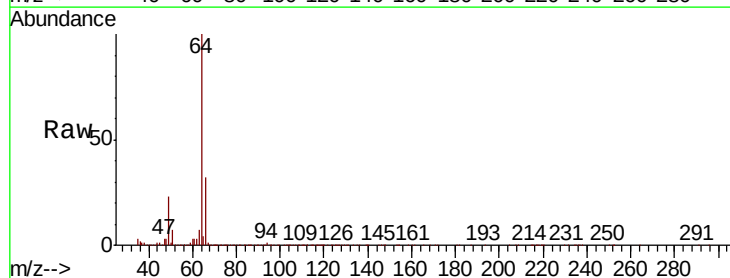
Acq: 03 Apr 2019 11:29

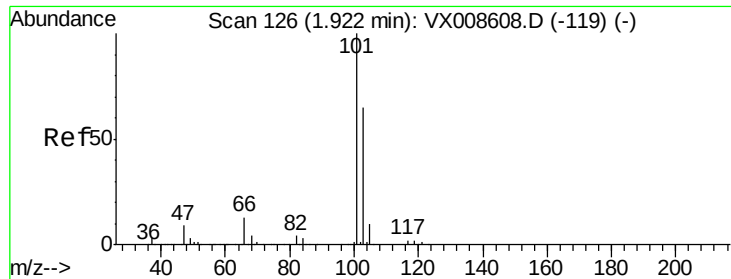
Tgt Ion: 64 Resp: 237016

Ion Ratio Lower Upper

64 100

66 32.1 25.4 38.0



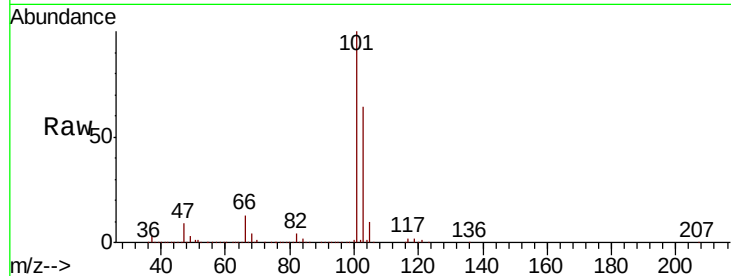


#7

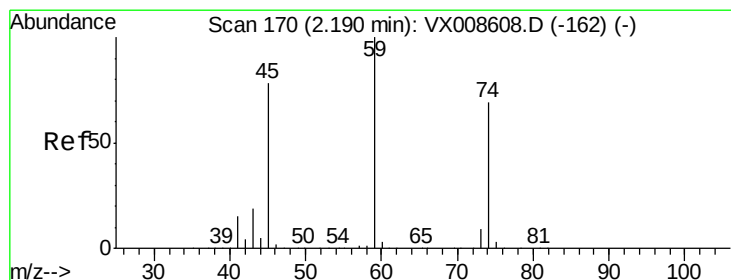
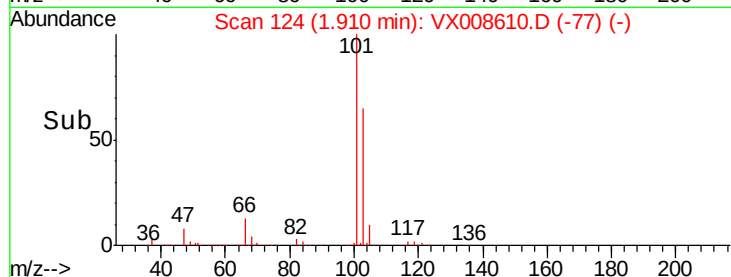
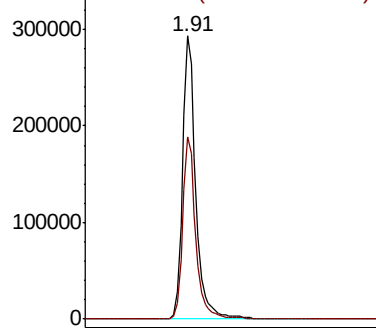
Trichlorofluoromethane
 Concen: 139.121 ug/l
 RT: 1.91 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: VX008610.D
 Acq: 03 Apr 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:101 Resp: 473096
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.3 78.5



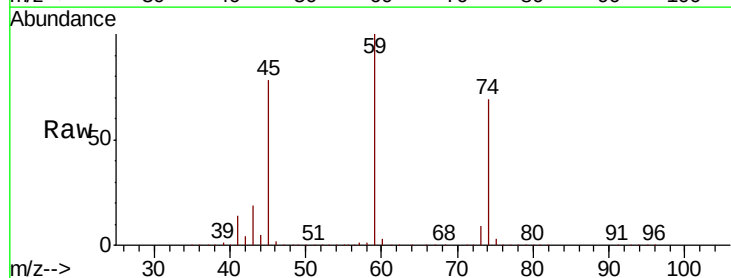
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



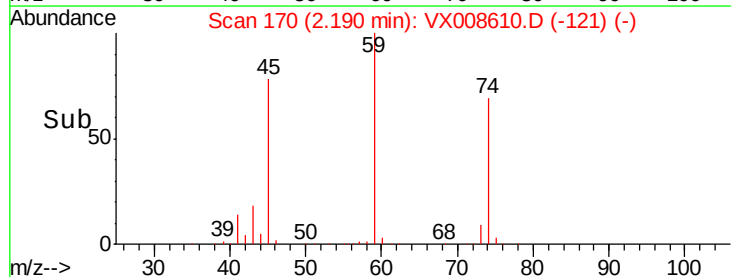
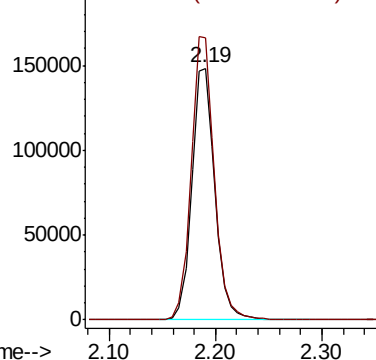
#8

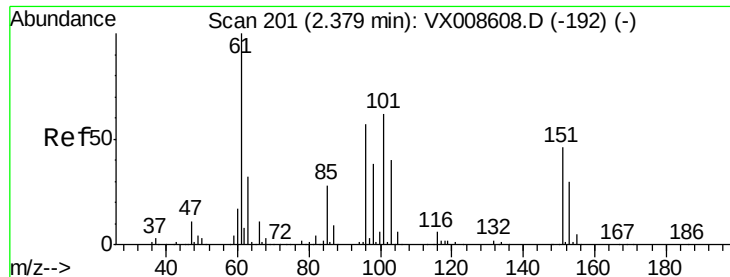
Diethyl Ether
 Concen: 138.730 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008610.D
 Acq: 03 Apr 2019 11:29

Tgt Ion: 74 Resp: 223723
 Ion Ratio Lower Upper
 74 100
 45 112.5 56.5 169.5



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 139.740 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.01 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

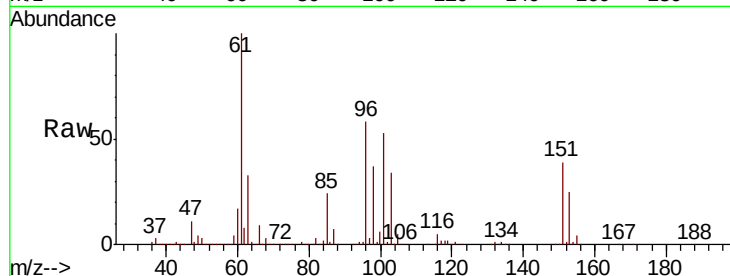
Tot Ion:101 Resp: 305951

Ion Ratio Lower Upper

101 100

85 44.8 36.0 54.0

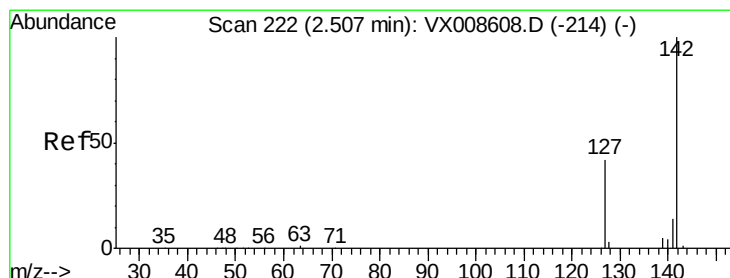
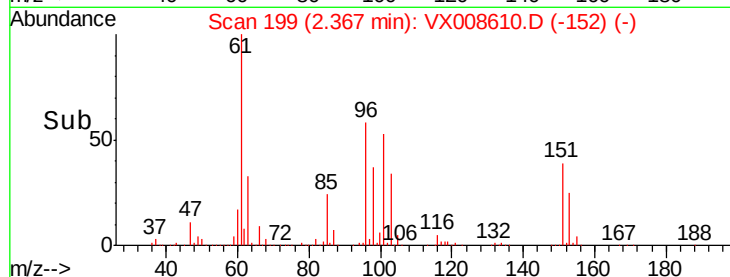
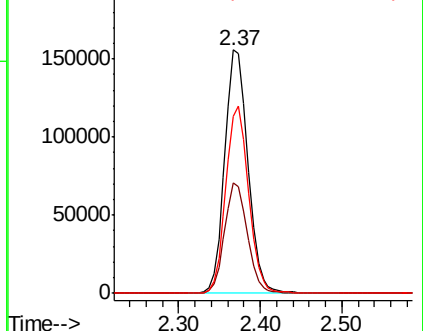
151 75.8 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 174.546 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

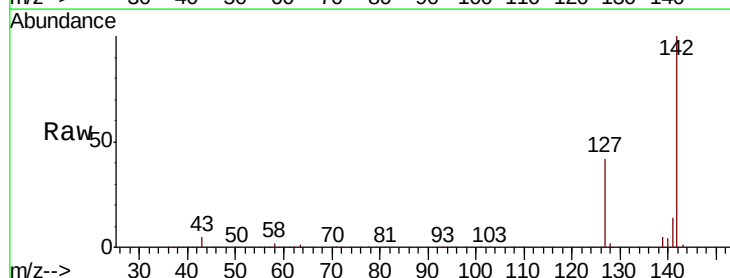
Tgt Ion:142 Resp: 315004

Ion Ratio Lower Upper

142 100

127 41.5 33.0 49.6

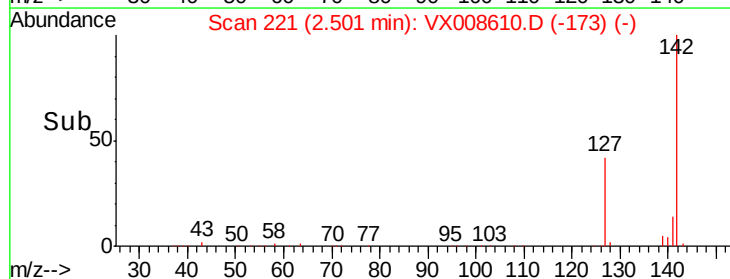
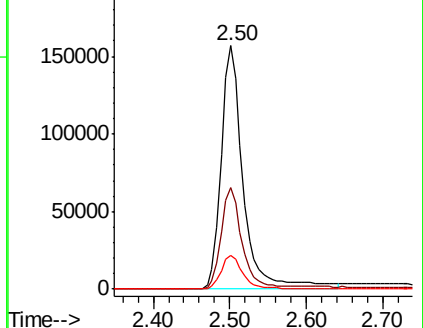
141 13.8 11.4 17.2

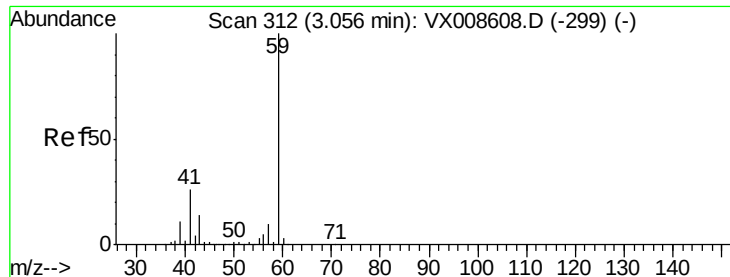


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

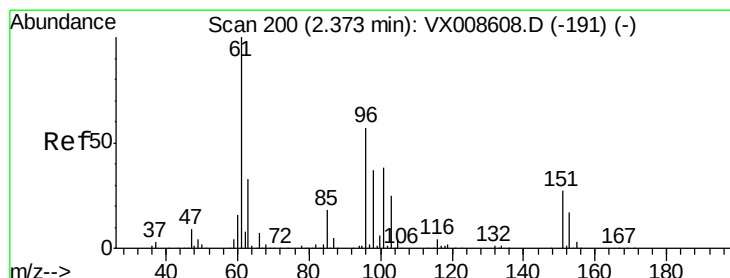
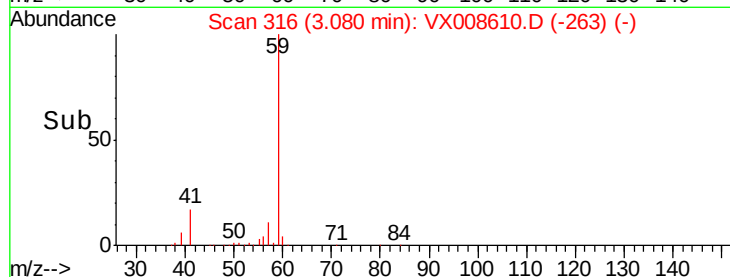
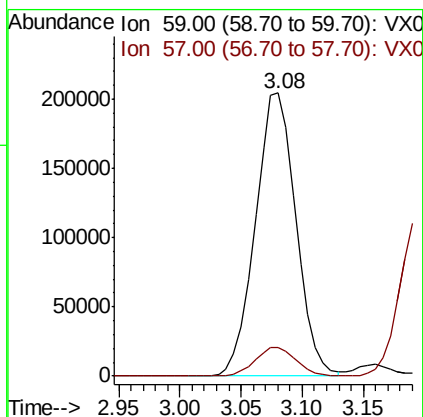
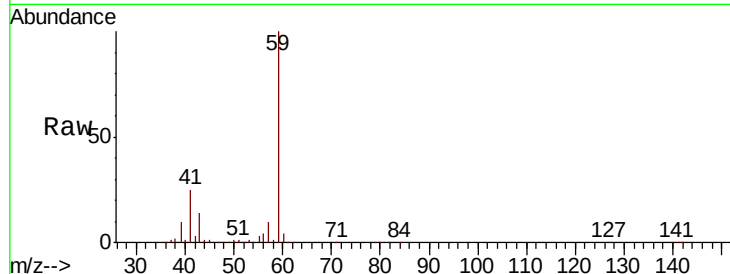




#11
Tert butyl alcohol
Concen: 700.159 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.02 min
Lab File: VX008610.D
Acq: 03 Apr 2019 11:29

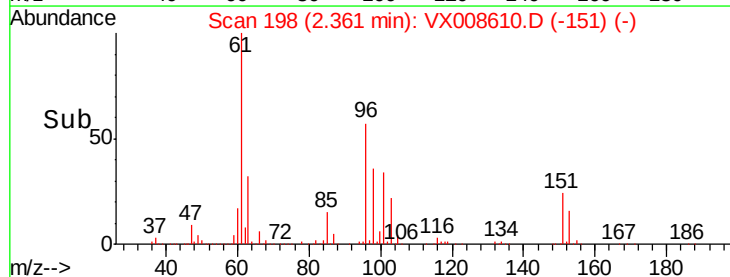
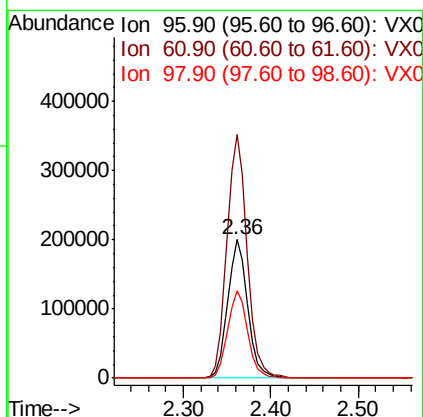
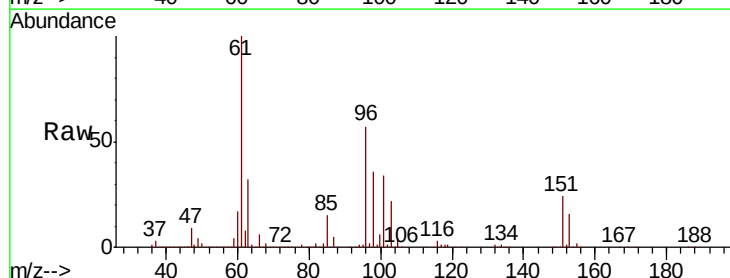
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

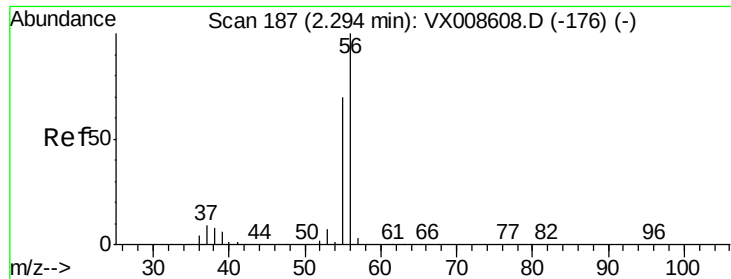
Tot Ion: 59 Resp: 472663
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5



#12
1,1-Dichloroethene
Concen: 138.507 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX008610.D
Acq: 03 Apr 2019 11:29

Tgt Ion: 96 Resp: 316570
Ion Ratio Lower Upper
96 100
61 175.8 140.9 211.3
98 63.4 52.1 78.1

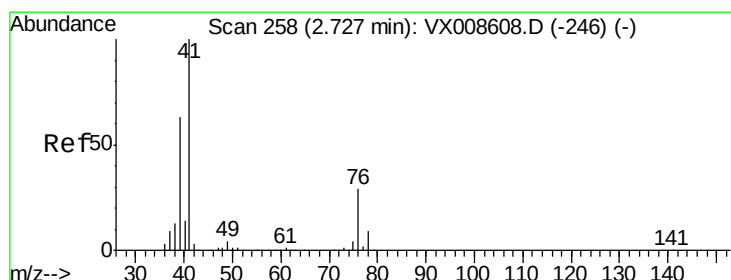
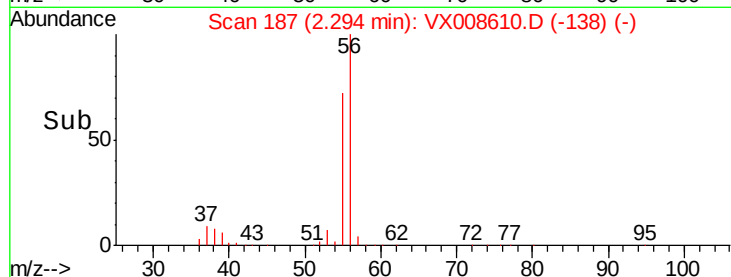
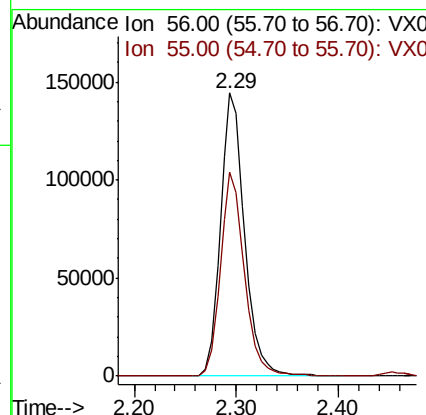
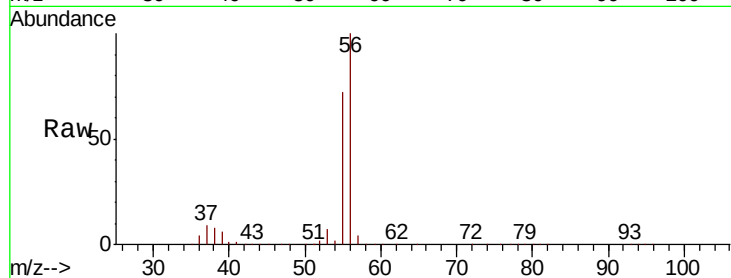




#13
Acrolein
Concen: 708.415 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008610.D
Acq: 03 Apr 2019 11:29

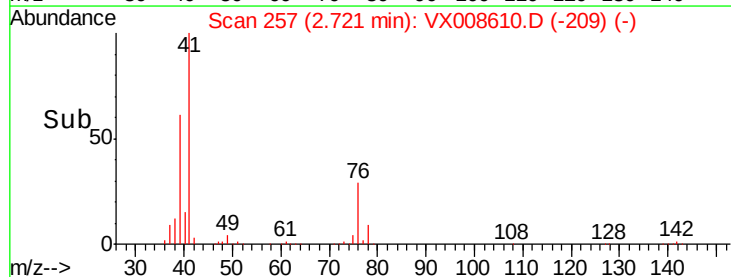
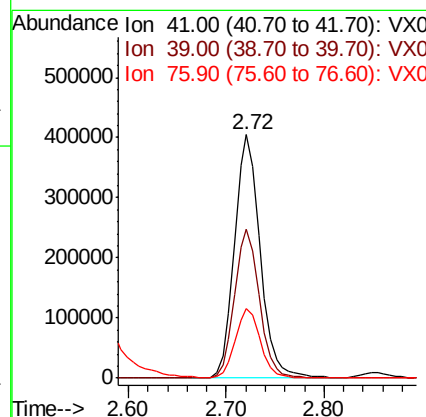
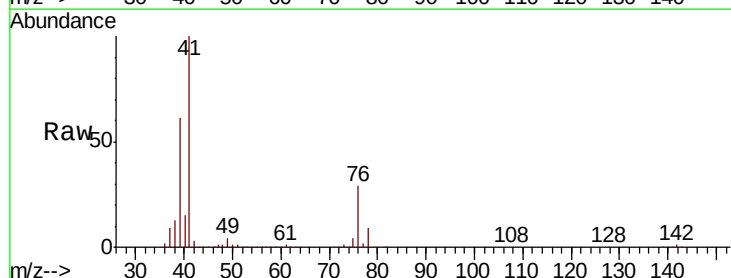
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

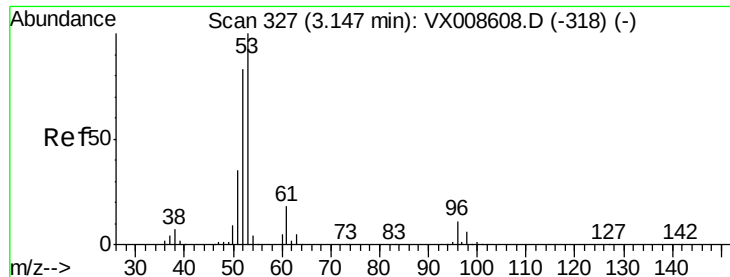
Tot Ion: 56 Resp: 237135
Ion Ratio Lower Upper
56 100
55 71.6 58.0 87.0



#14
Allyl chloride
Concen: 140.909 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX008610.D
Acq: 03 Apr 2019 11:29

Tgt Ion: 41 Resp: 737276
Ion Ratio Lower Upper
41 100
39 59.5 48.0 72.0
76 27.9 22.0 33.0





#15

Acrylonitrile

Concen: 667.286 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

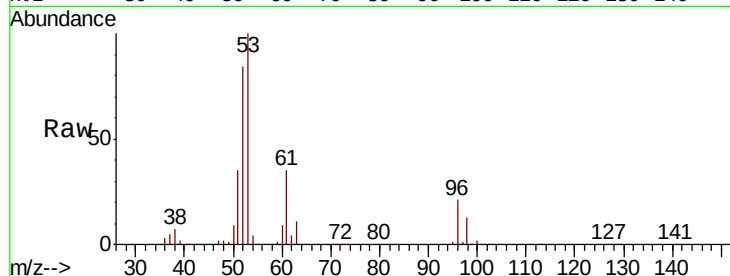
Tot Ion: 53 Resp: 1193377

Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.5	99.7
51	35.8	28.6	42.8

53 100

52 83.8 66.5 99.7

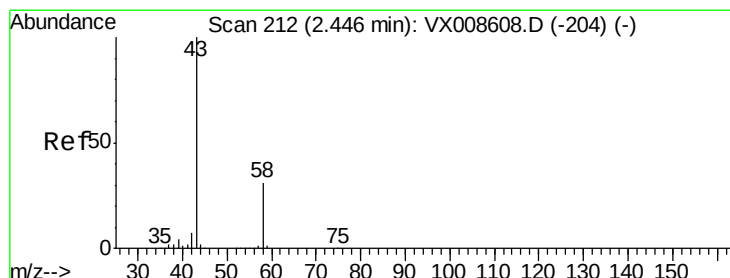
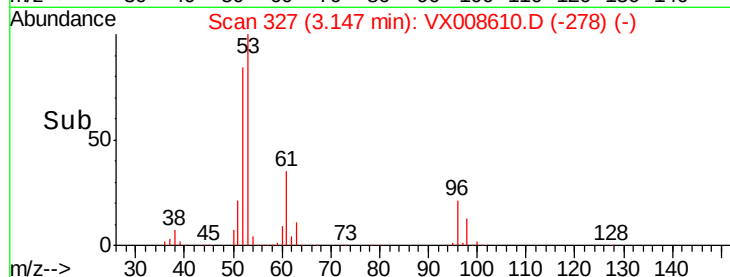
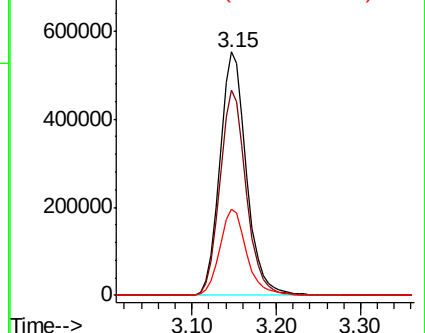
51 35.8 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 671.702 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX008610.D

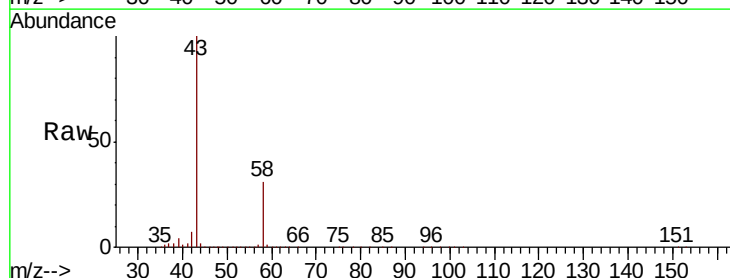
Acq: 03 Apr 2019 11:29

Tgt Ion: 43 Resp: 1115597

Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.8	37.2

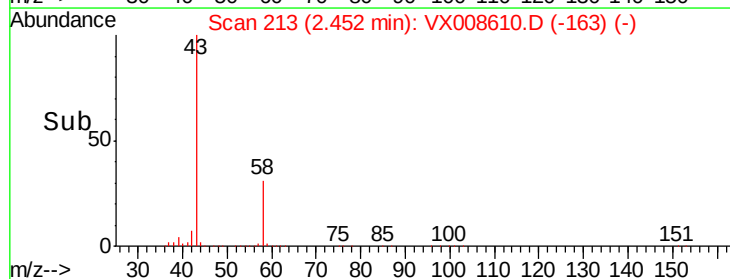
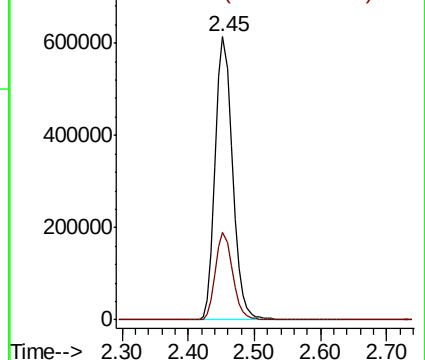
43 100

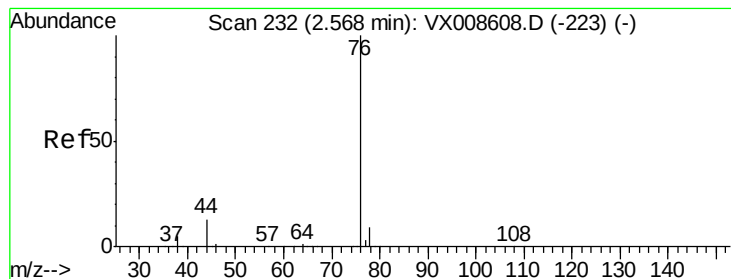
58 30.7 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 132.433 ug/l

RT: 2.56 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

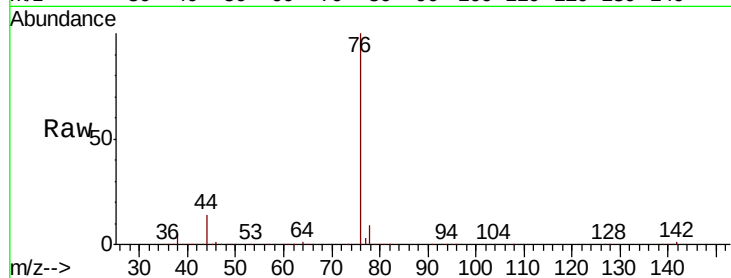
VSTDIC150

Tot Ion: 76 Resp: 972205

Ion Ratio Lower Upper

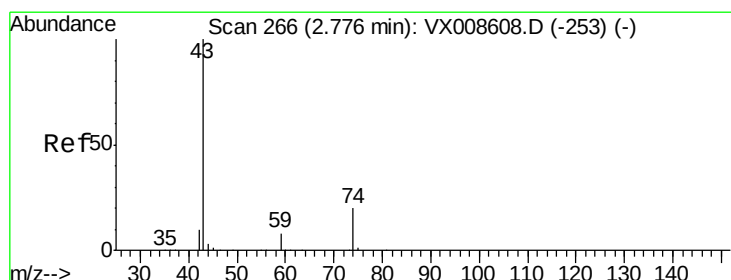
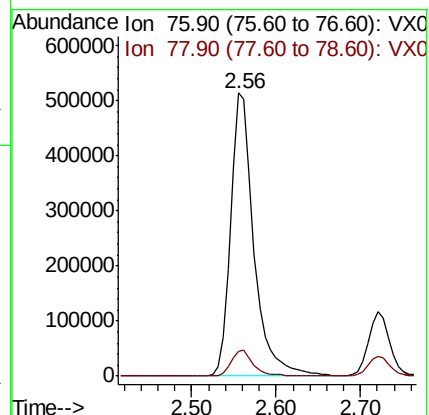
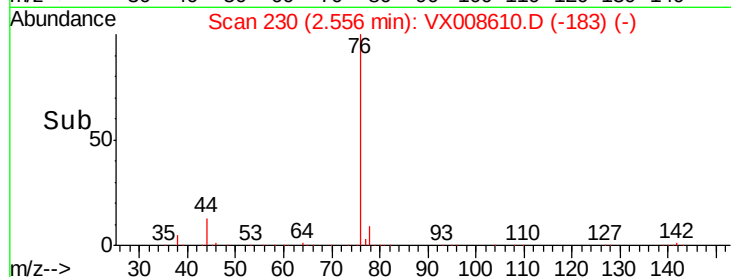
76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX008610.D (-183) (-)

Ion 77.90 (77.60 to 78.60): VX008610.D (-183) (-)



#18

Methyl Acetate

Concen: 133.626 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008610.D

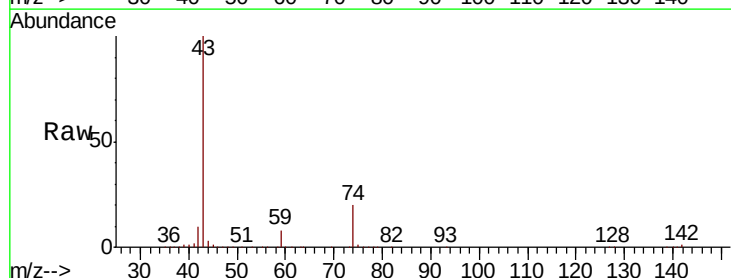
Acq: 03 Apr 2019 11:29

Tgt Ion: 43 Resp: 538250

Ion Ratio Lower Upper

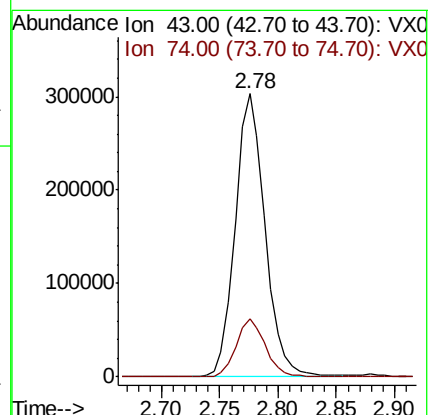
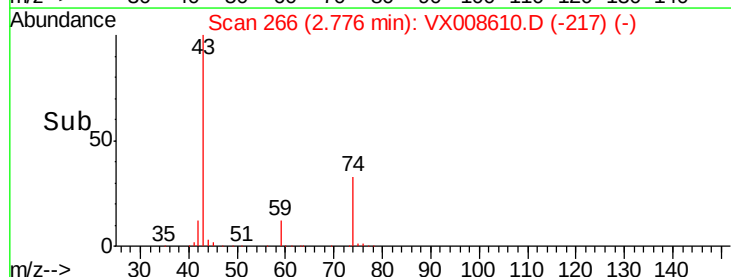
43 100

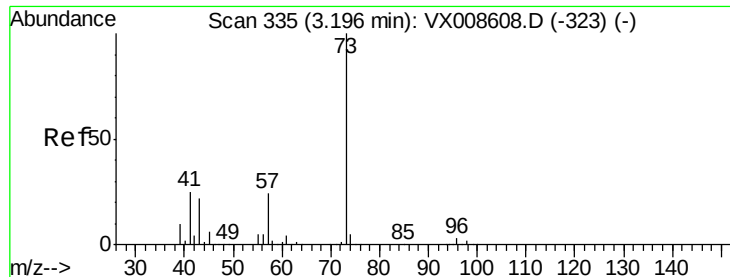
74 20.2 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX008610.D (-217) (-)

Ion 74.00 (73.70 to 74.70): VX008610.D (-217) (-)

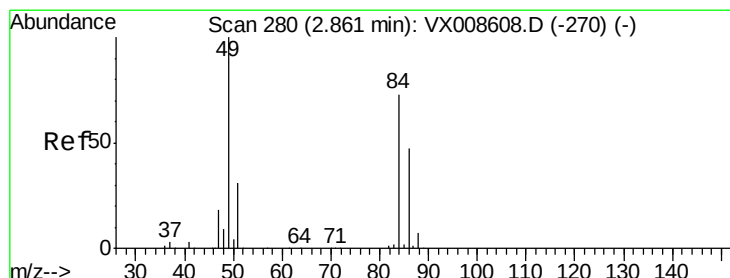
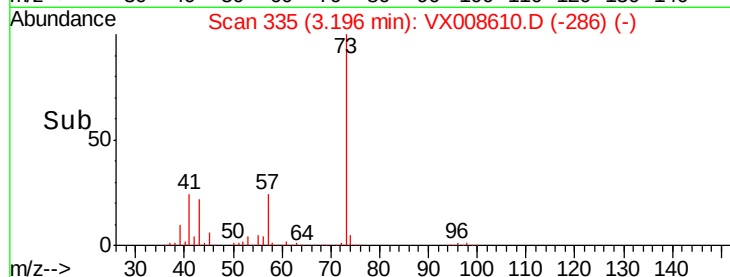
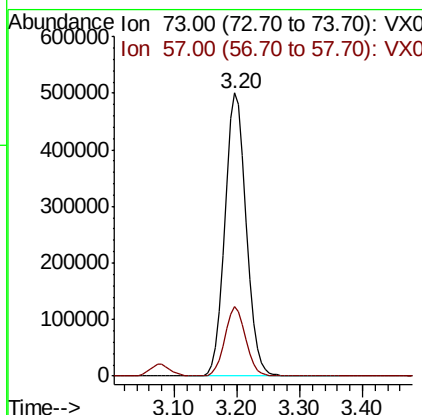
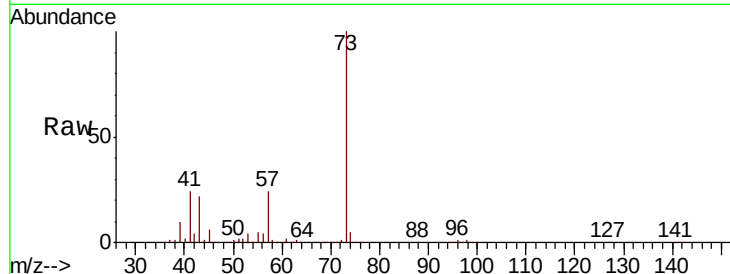




#19
Methyl tert-butyl Ether
Concen: 143.867 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008610.D
Acq: 03 Apr 2019 11:29

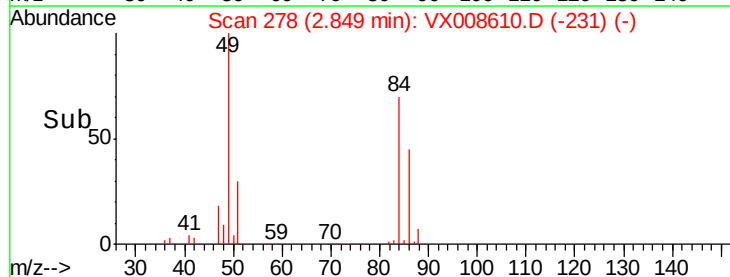
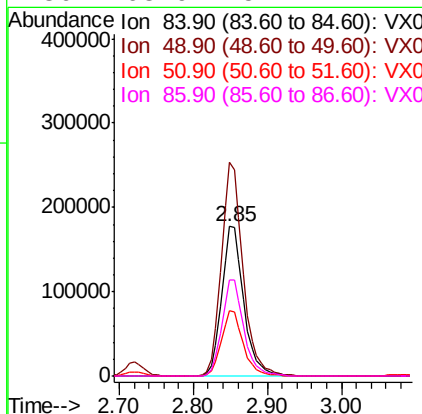
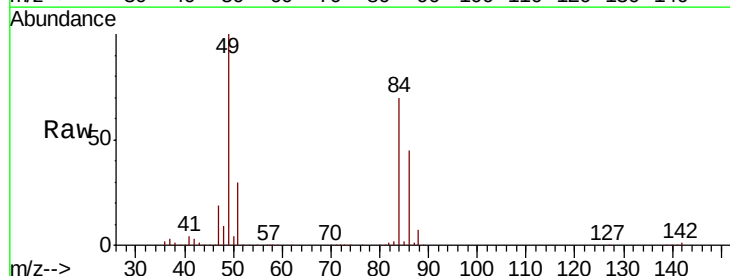
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

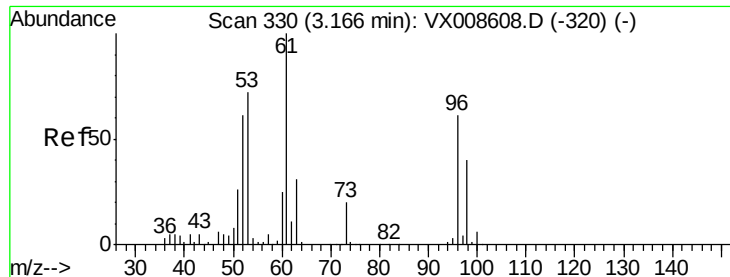
Tot Ion: 73 Resp: 1174293
Ion Ratio Lower Upper
73 100
57 24.4 19.5 29.3



#20
Methylene Chloride
Concen: 131.104 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX008610.D
Acq: 03 Apr 2019 11:29

Tgt Ion: 84 Resp: 364478
Ion Ratio Lower Upper
84 100
49 143.0 109.7 164.5
51 43.5 33.6 50.4
86 63.9 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 136.597 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

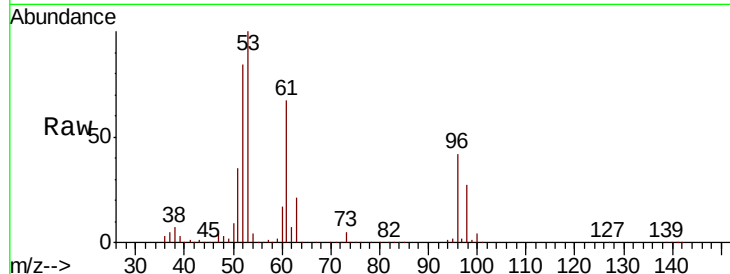
Tot Ion: 96 Resp: 337700

Ion Ratio Lower Upper

96 100

61 158.9 132.1 198.1

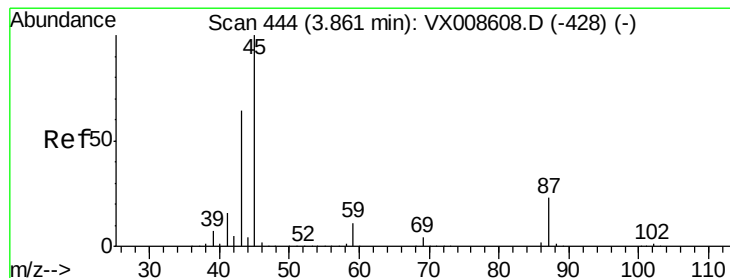
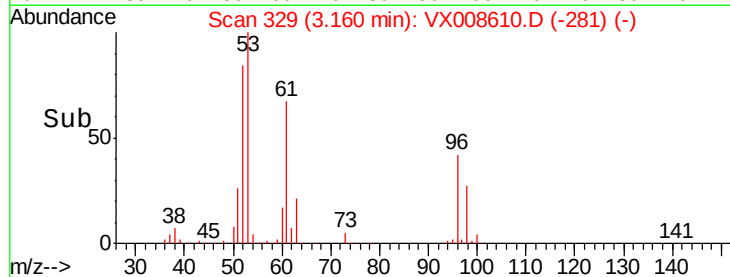
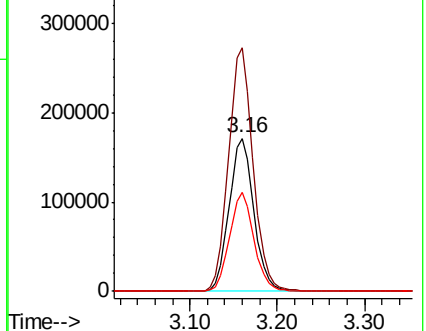
98 64.6 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 138.752 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Tgt Ion: 45 Resp: 1399273

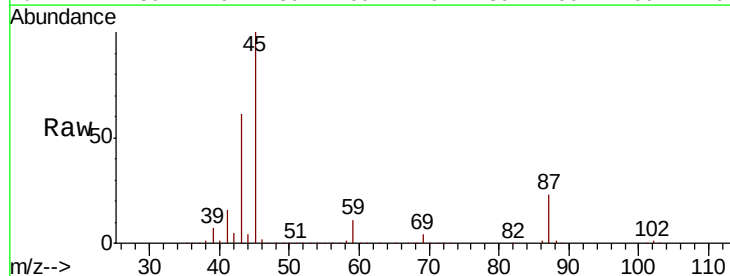
Ion Ratio Lower Upper

45 100

43 60.7 51.3 76.9

87 22.6 18.1 27.1

59 11.0 8.6 13.0

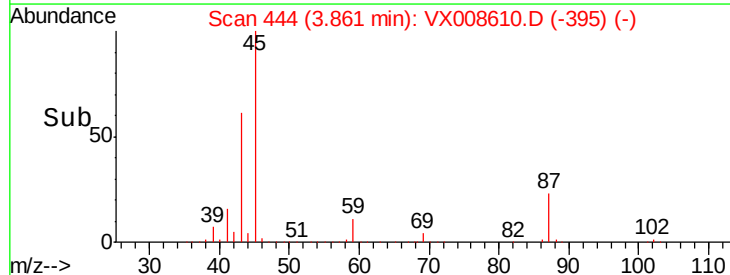
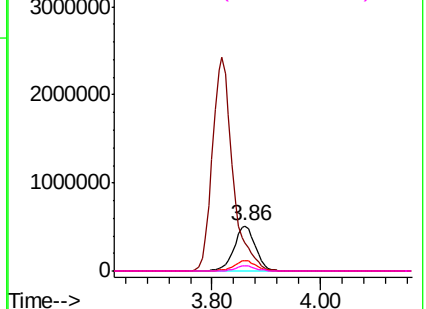


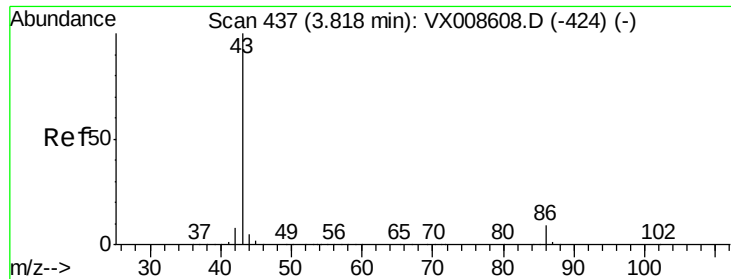
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 717.800 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampled :

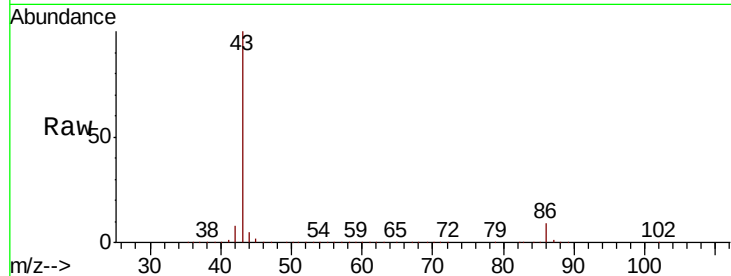
VSTDIC150

Tot Ion: 43 Resp: 6297298

Ion Ratio Lower Upper

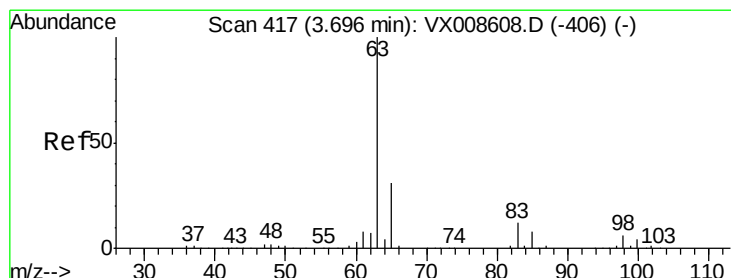
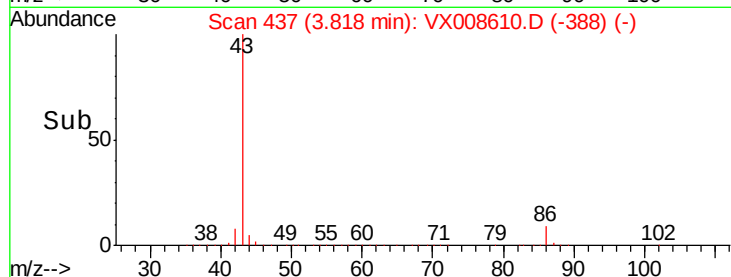
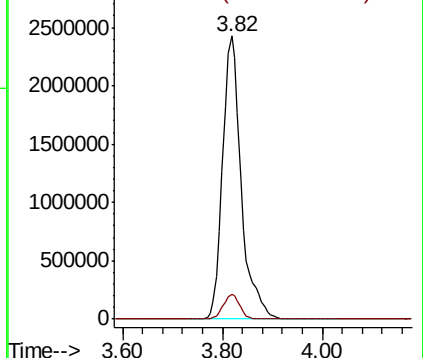
43 100

86 8.9 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 141.486 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

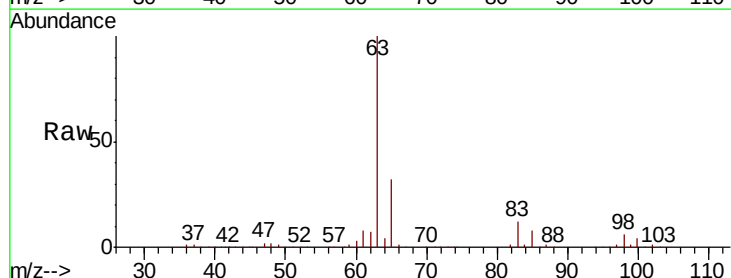
Tgt Ion: 63 Resp: 706449

Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

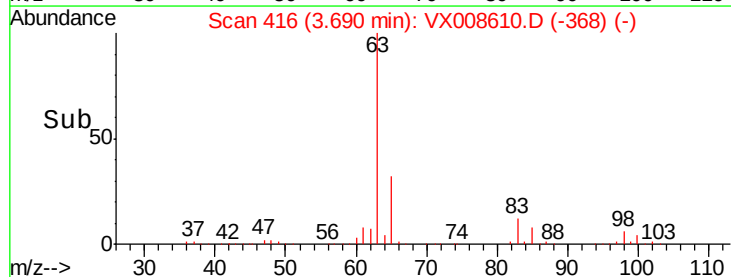
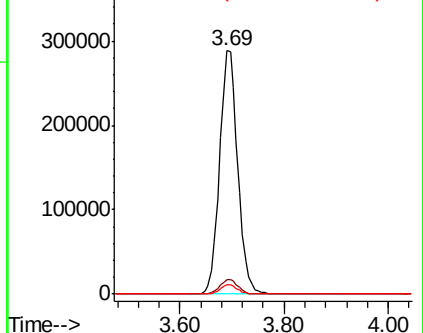
100 3.8 1.8 5.5

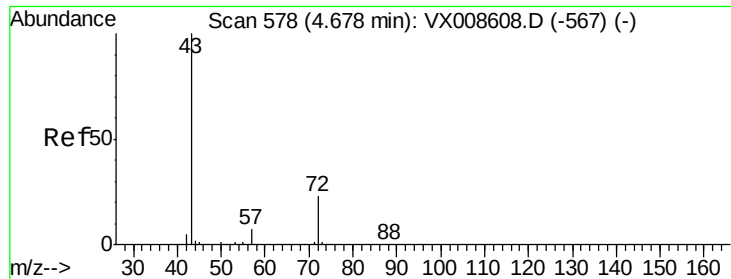


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 685.082 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

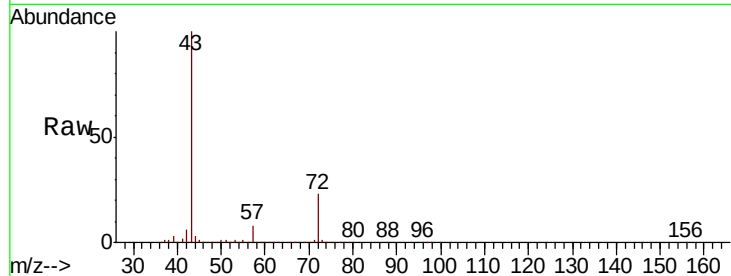
VSTDIC150

Tot Ion: 43 Resp: 1798356

Ion Ratio Lower Upper

43 100

72 22.9 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

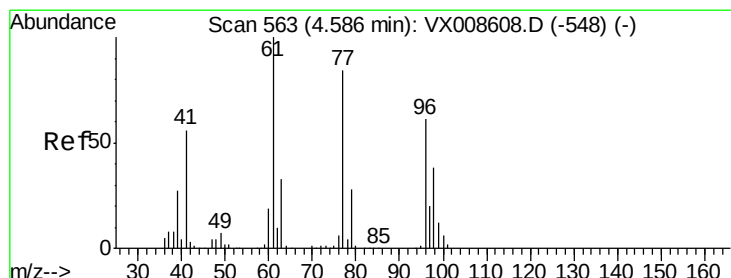
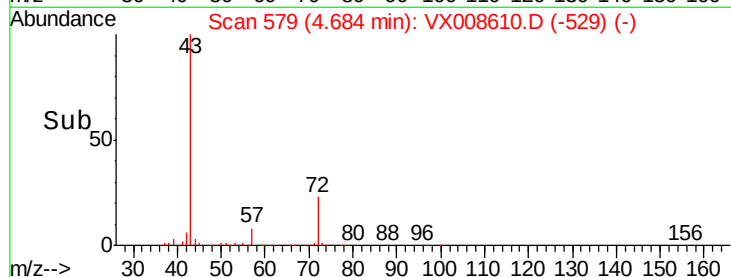
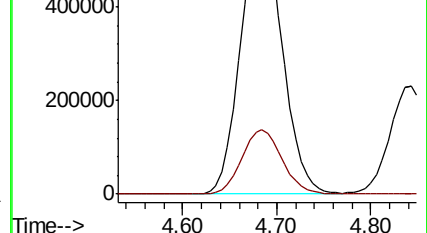
600000

400000

200000

0

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 148.649 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008610.D

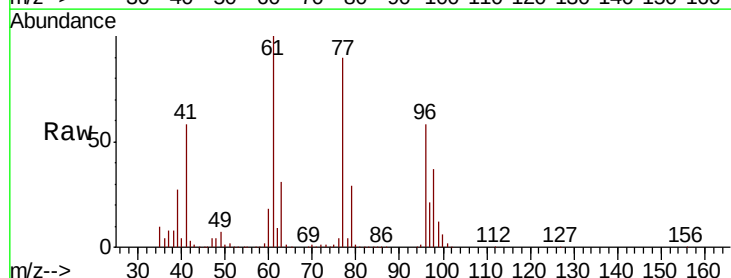
Acq: 03 Apr 2019 11:29

Tgt Ion: 77 Resp: 522756

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

200000

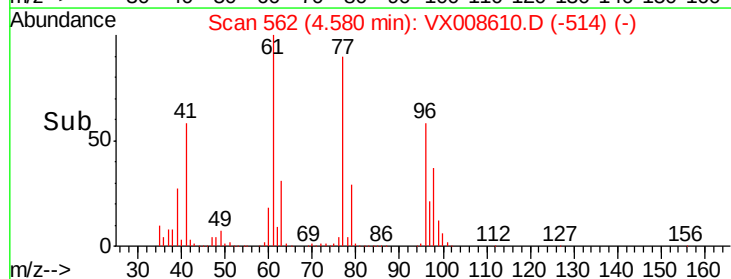
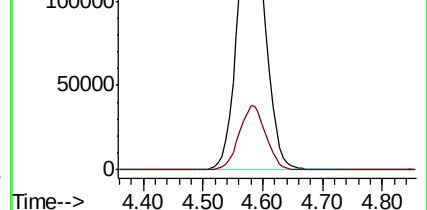
150000

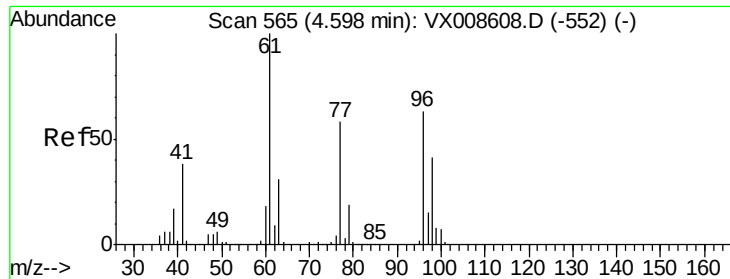
100000

50000

0

4.40 4.50 4.60 4.70 4.80



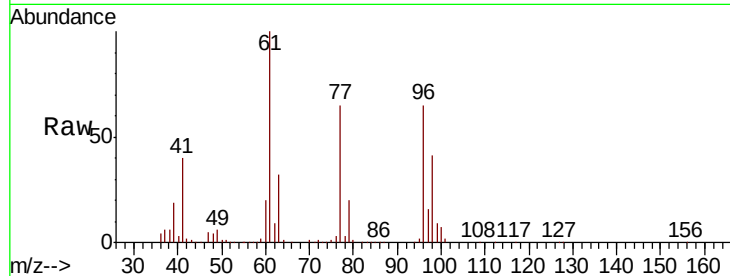


#27

cis-1,2-Dichloroethene
Concen: 138.547 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008610.D
Acq: 03 Apr 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.9	0.0	327.6
98	64.0	0.0	128.6

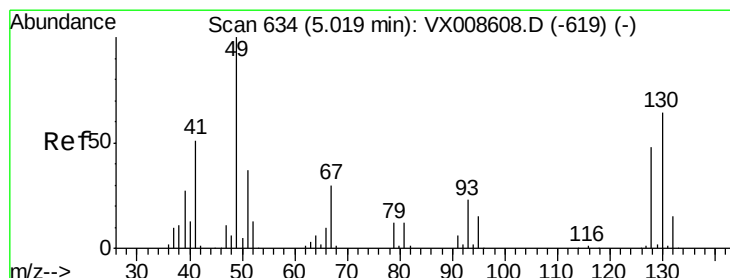
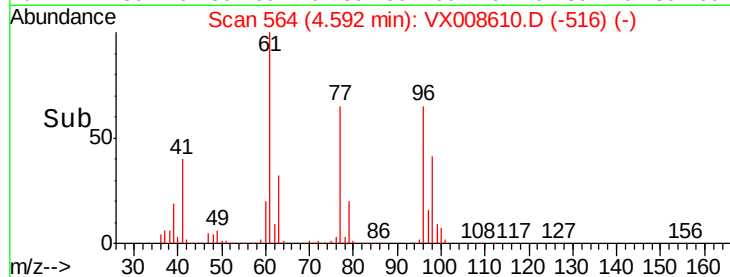
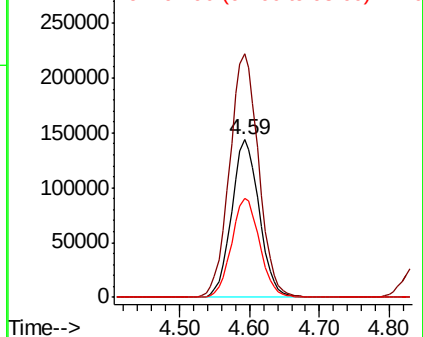


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

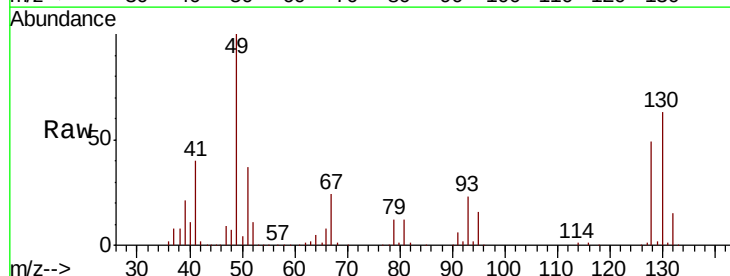
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 124.448 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008610.D
Acq: 03 Apr 2019 11:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	61.9	49.3	73.9

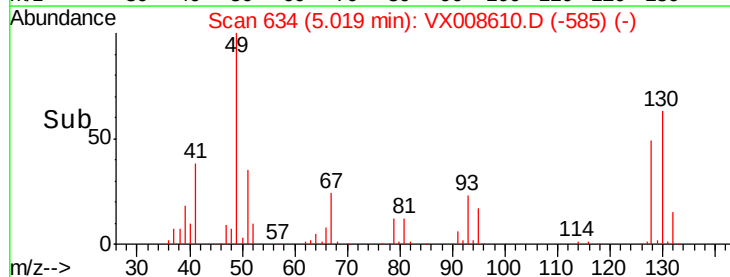
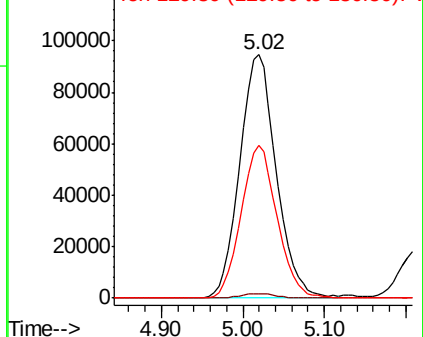


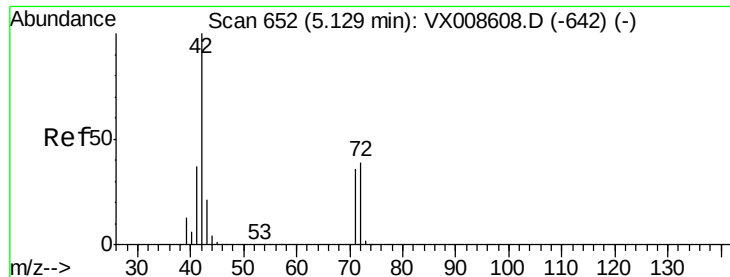
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 677.741 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

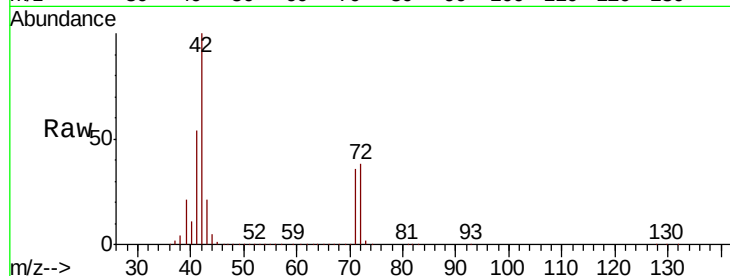
Tot Ion: 42 Resp: 1180821

Ion Ratio Lower Upper

42 100

72 38.0 30.5 45.7

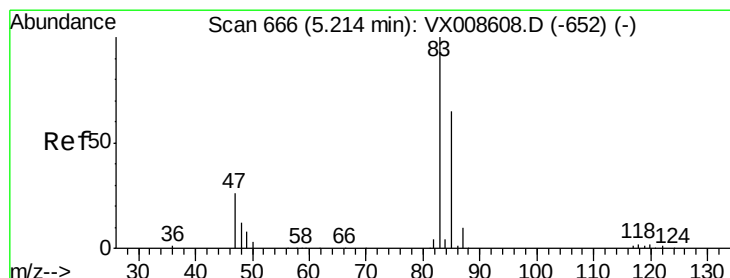
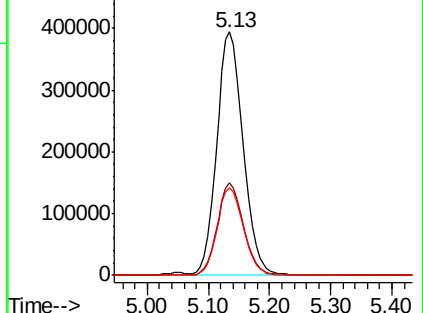
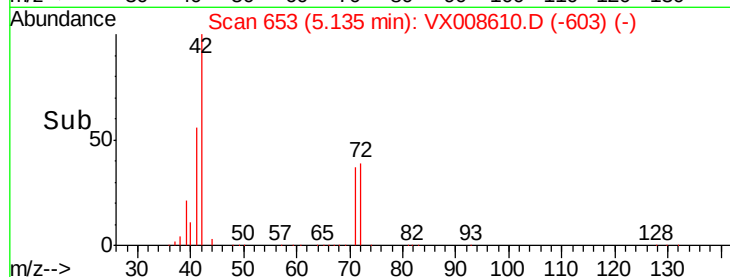
71 35.9 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 140.011 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008610.D

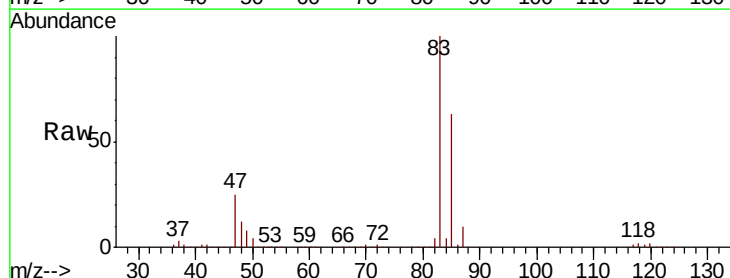
Acq: 03 Apr 2019 11:29

Tgt Ion: 83 Resp: 624396

Ion Ratio Lower Upper

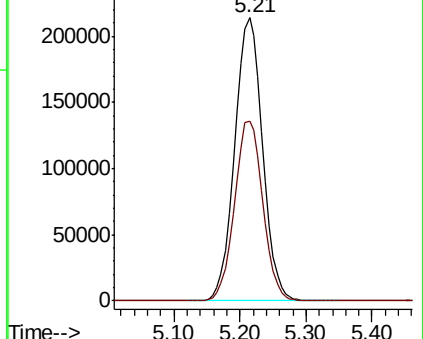
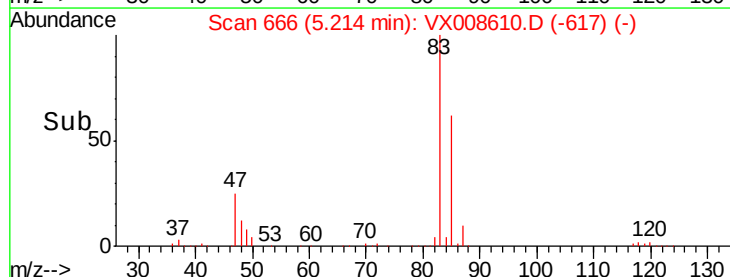
83 100

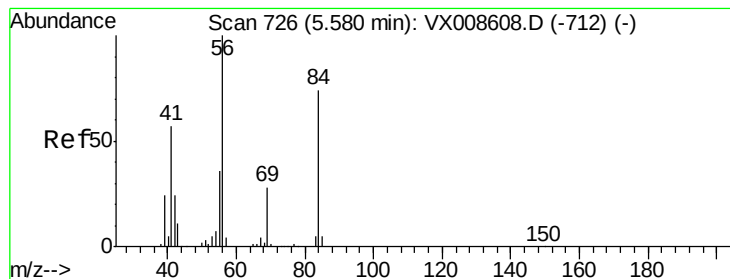
85 63.4 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 137.894 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

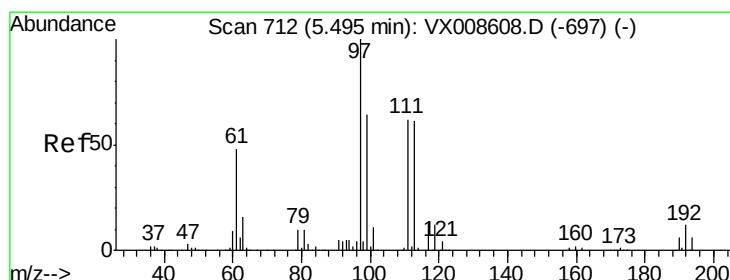
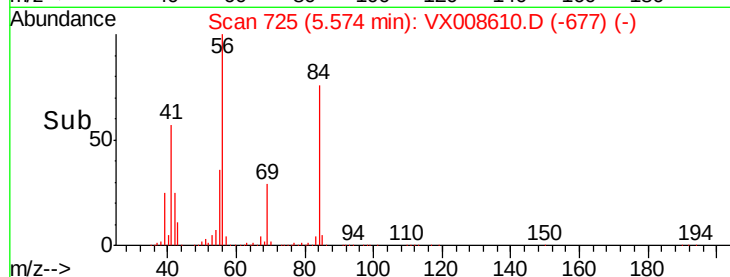
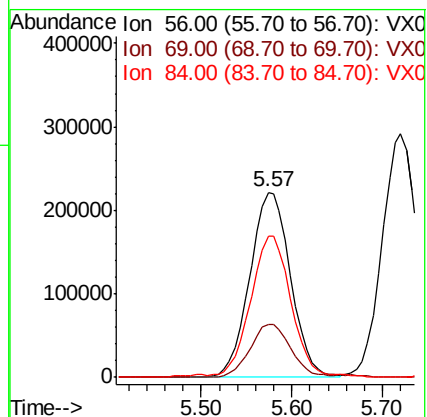
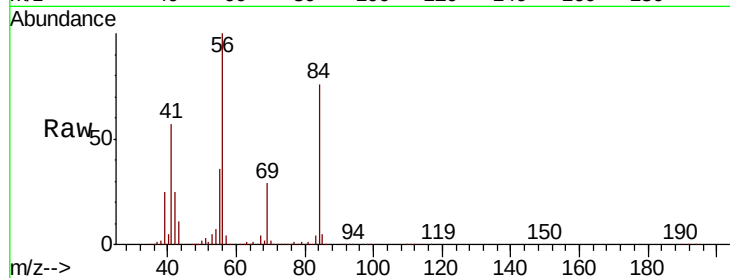
Tot Ion: 56 Resp: 687013

Ion Ratio Lower Upper

56 100

69 28.9 22.6 33.8

84 74.9 59.3 88.9



#32

1,1,1-Trichloroethane

Concen: 147.068 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

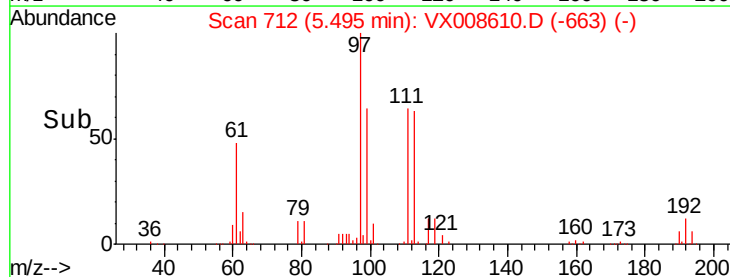
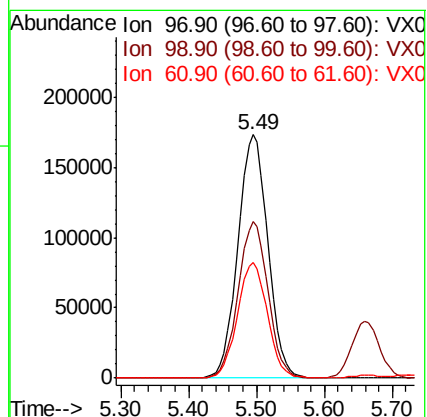
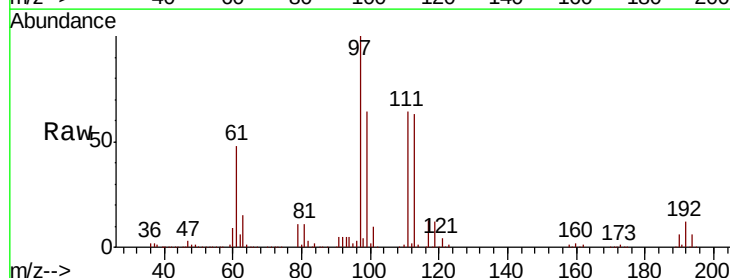
Tgt Ion: 97 Resp: 530006

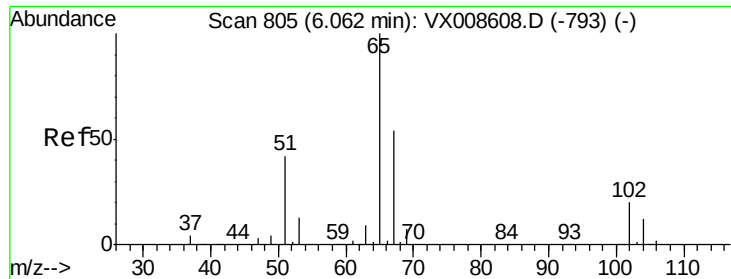
Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

61 47.8 38.9 58.3

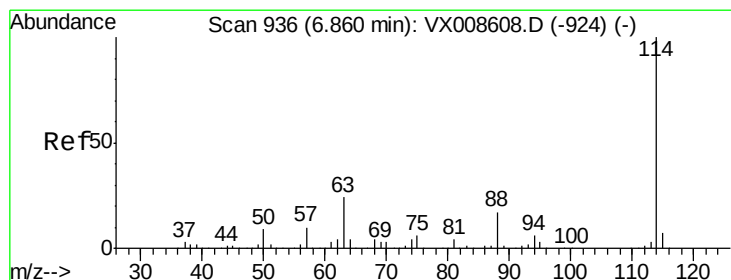
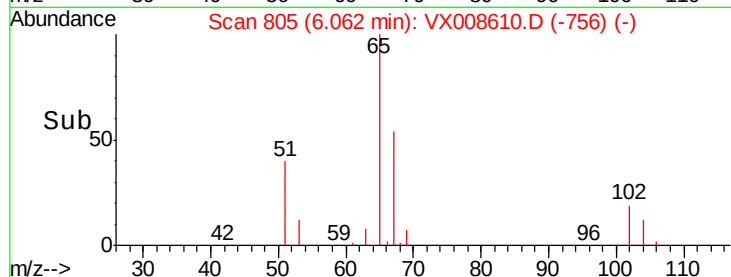
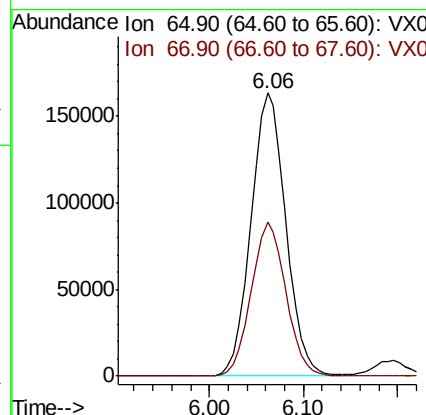
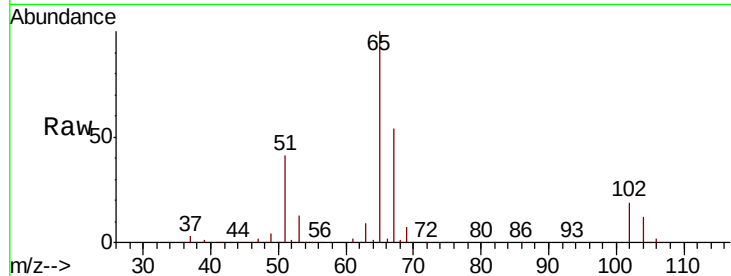




#33
 1,2-Dichloroethane-d4
 Concen: 146.923 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008610.D
 Acq: 03 Apr 2019 11:29

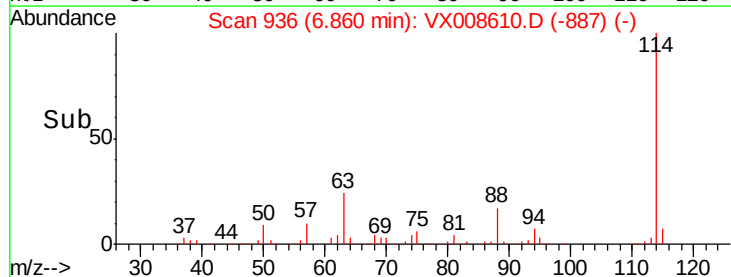
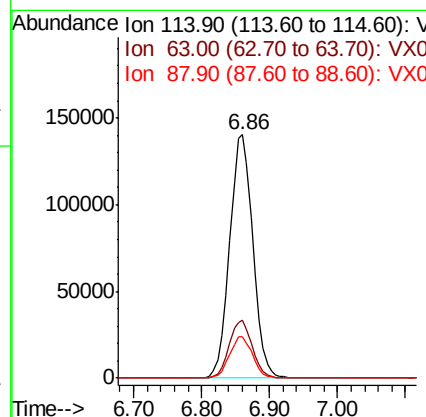
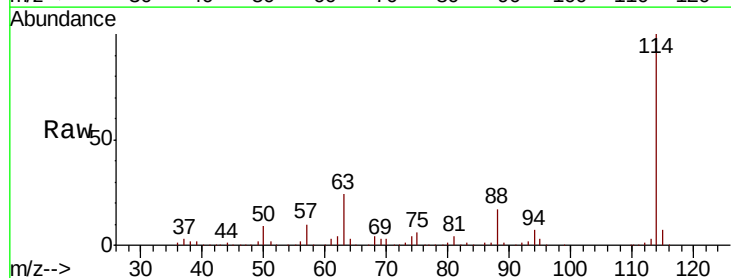
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

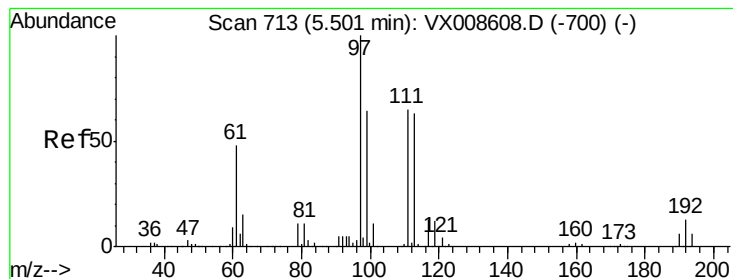
Tot Ion: 65 Resp: 423662
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008610.D
 Acq: 03 Apr 2019 11:29

Tgt Ion: 114 Resp: 331319
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 47.2
 88 16.9 0.0 34.0





#35

Dibromofluoromethane

Concen: 150.468 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

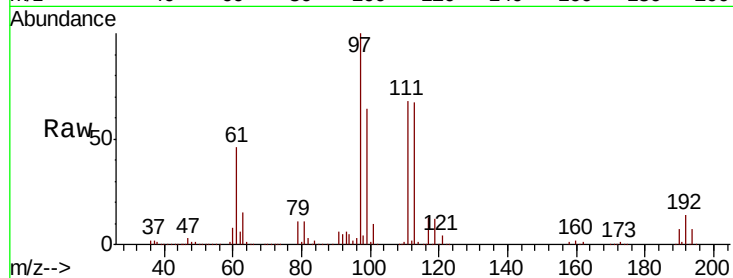
Tot Ion:113 Resp: 318741

Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.2

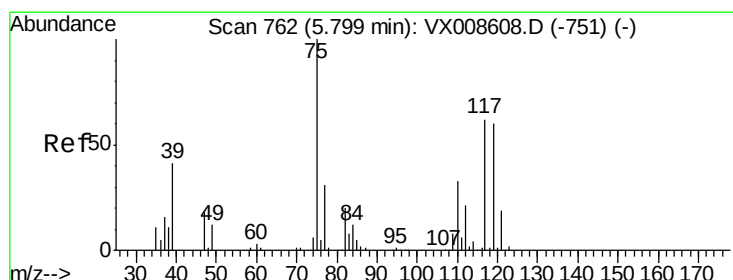
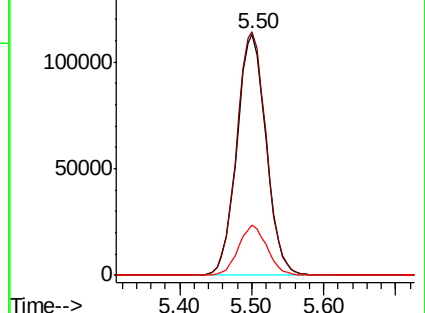
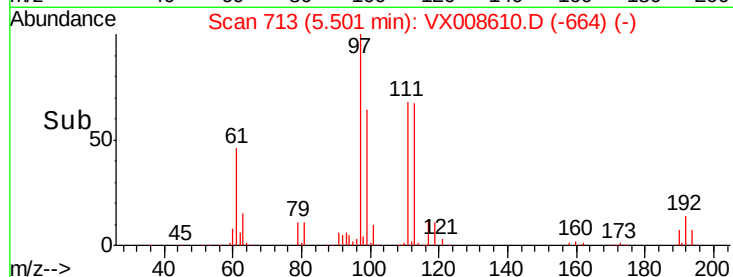
192 20.2 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 140.878 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

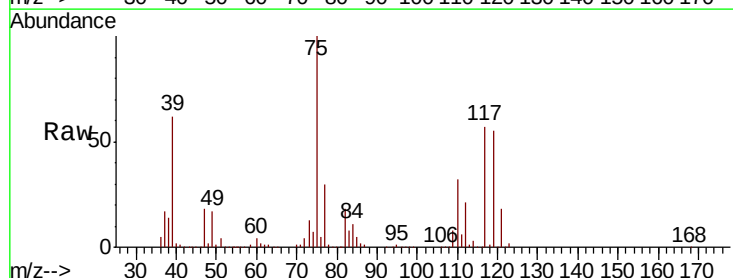
Tgt Ion: 75 Resp: 510212

Ion Ratio Lower Upper

75 100

110 32.8 16.4 49.2

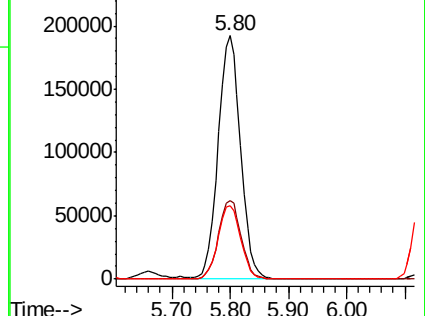
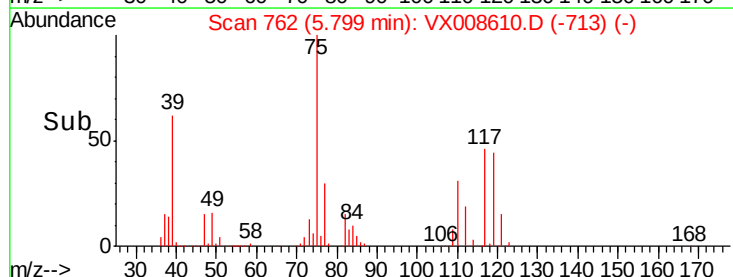
77 30.6 24.7 37.1

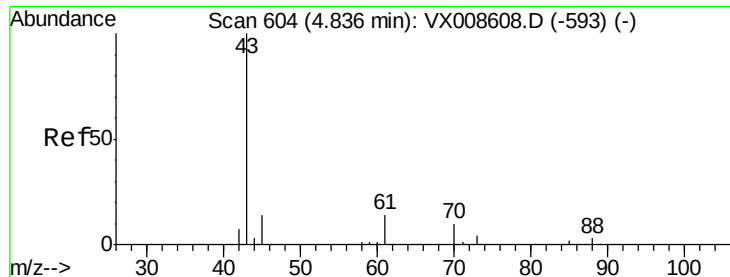


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 141.624 ug/l

RT: 4.84 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

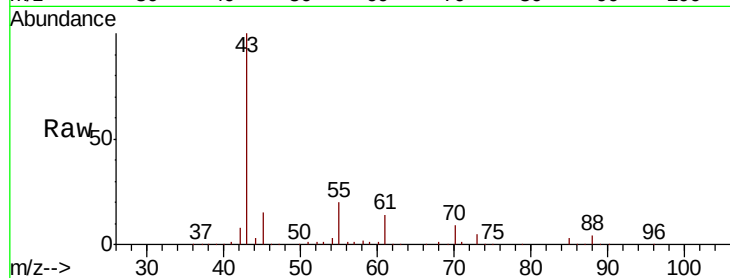
Tot Ion: 43 Resp: 684630

Ion Ratio Lower Upper

43 100

61 13.1 10.3 15.5

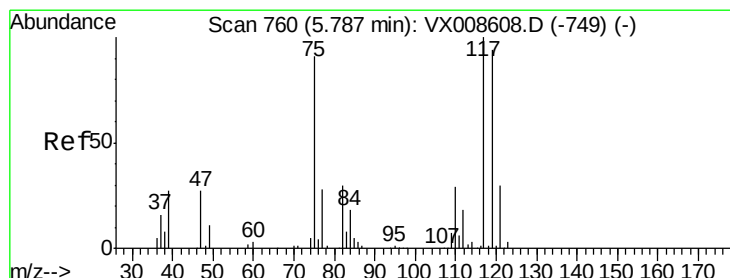
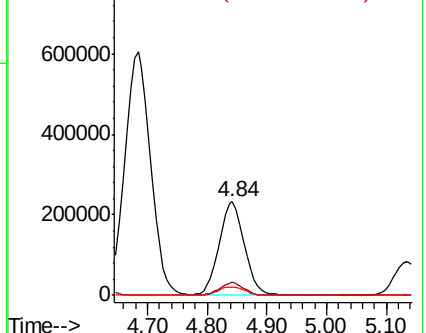
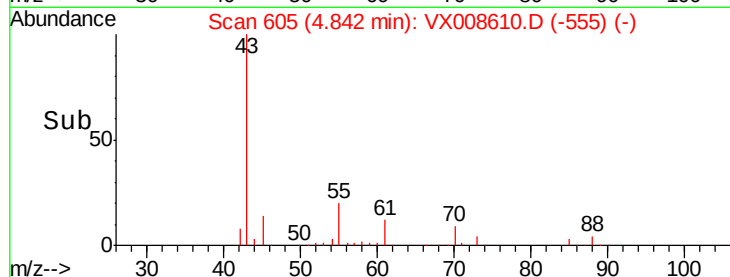
70 9.4 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX008610.D (-555) (-)

Ion 60.90 (60.60 to 61.60): VX008610.D (-555) (-)

Ion 70.00 (69.70 to 70.70): VX008610.D (-555) (-)



#38

Carbon Tetrachloride

Concen: 149.474 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

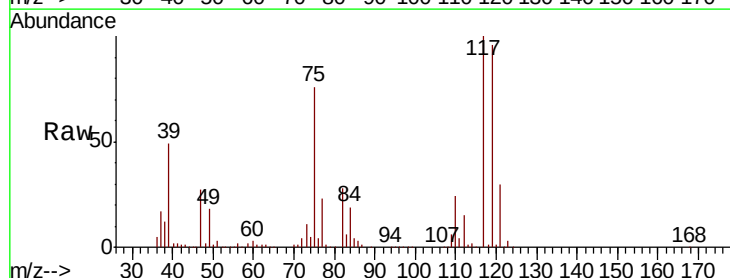
Tgt Ion: 117 Resp: 448048

Ion Ratio Lower Upper

117 100

119 96.2 75.0 112.6

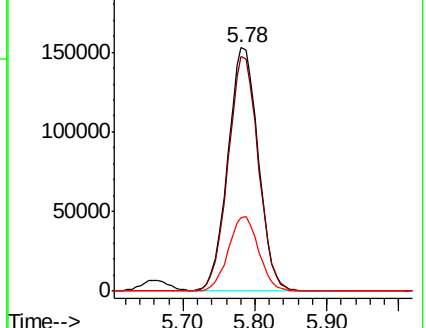
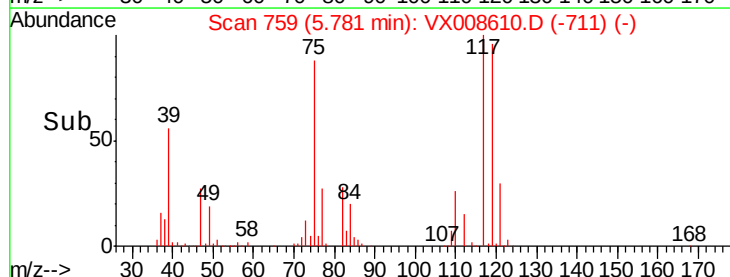
121 30.1 24.3 36.5

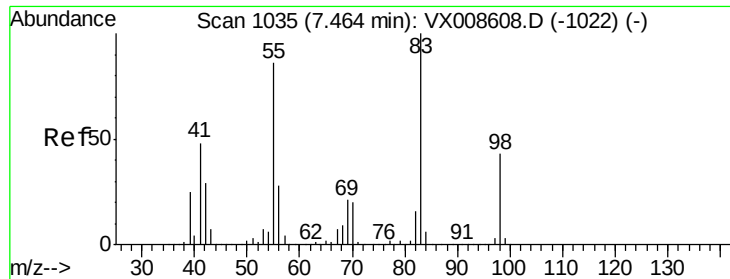


Abundance Ion 116.80 (116.50 to 117.50): VX008610.D (-711) (-)

Ion 118.80 (118.50 to 119.50): VX008610.D (-711) (-)

Ion 120.80 (120.50 to 121.50): VX008610.D (-711) (-)

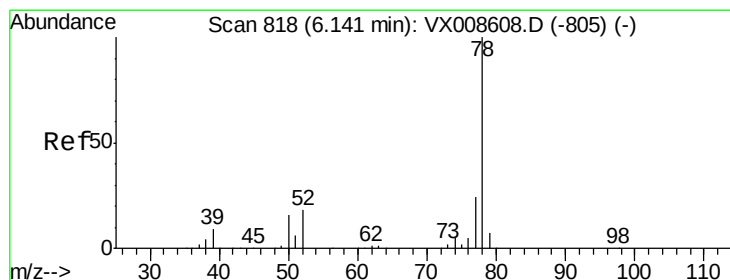
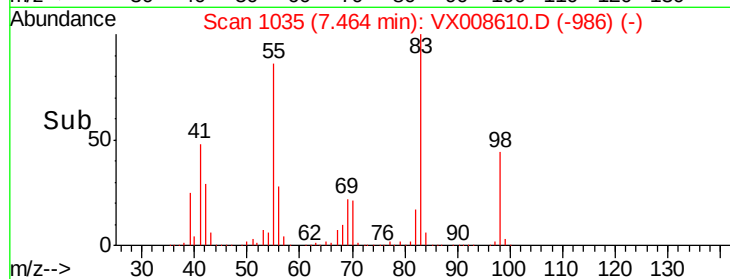
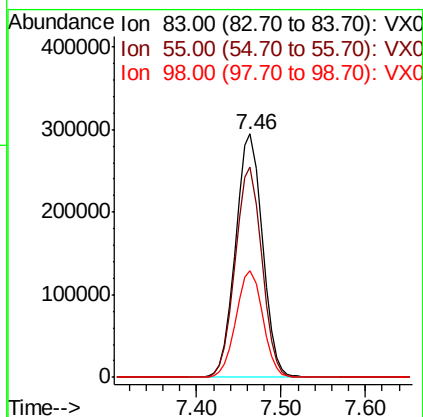
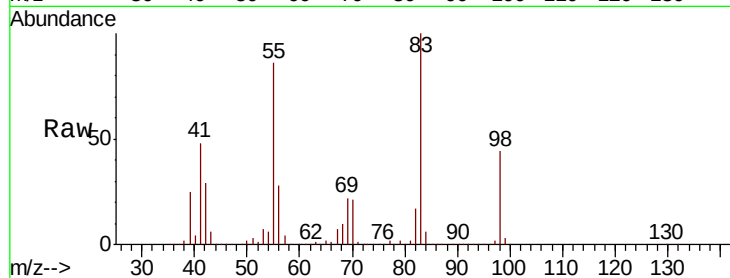




#39
Methylvlcyclohexane
Concen: 141.736 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008610.D
Acq: 03 Apr 2019 11:29

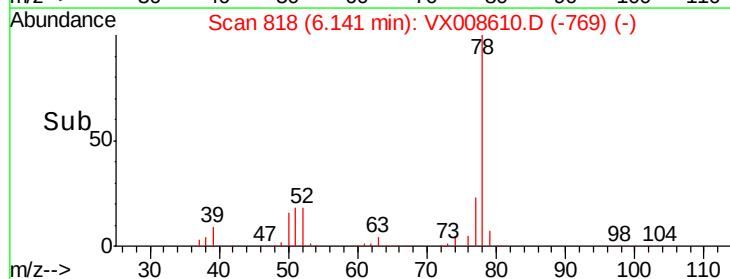
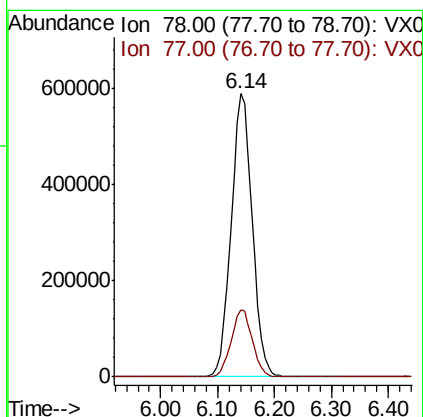
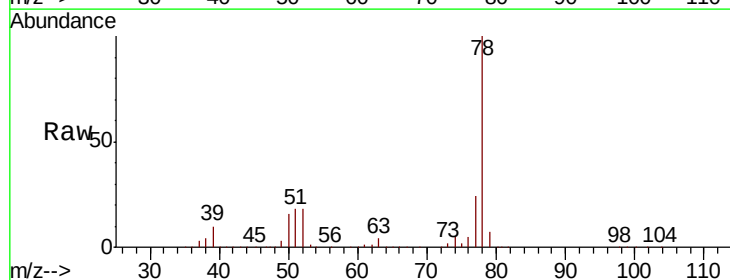
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

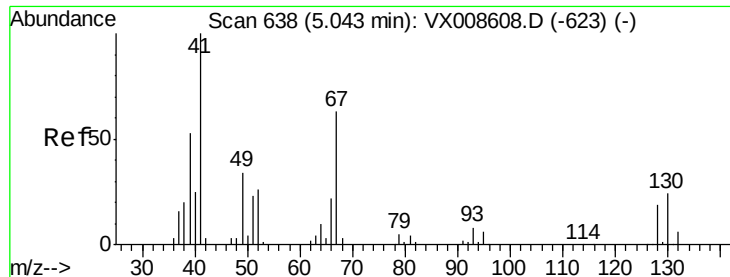
Tot Ion: 83 Resp: 634117
Ion Ratio Lower Upper
83 100
55 86.1 69.0 103.6
98 44.0 34.4 51.6



#40
Benzene
Concen: 141.362 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008610.D
Acq: 03 Apr 2019 11:29

Tgt Ion: 78 Resp: 1525201
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7





#41

Methacrylonitrile

Concen: 139.066 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 386423

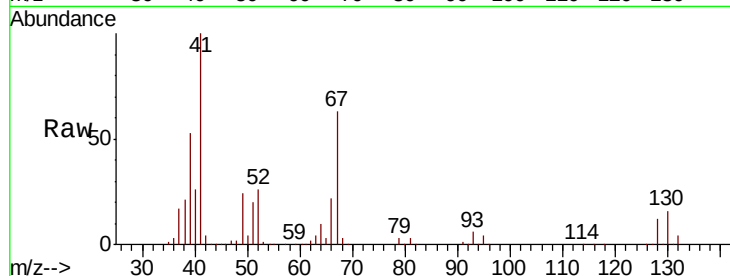
Ion Ratio Lower Upper

41 100

39 52.4 42.1 63.1

67 62.7 51.0 76.6

52 26.0 21.4 32.0

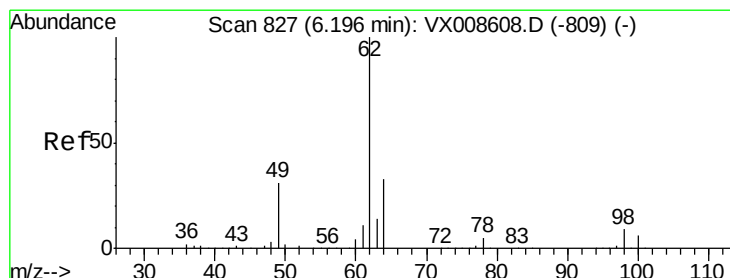
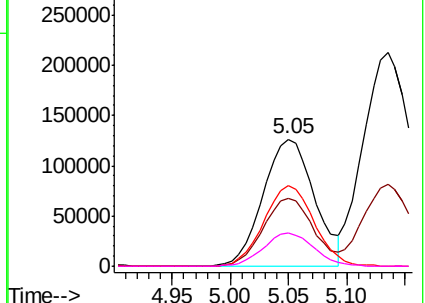
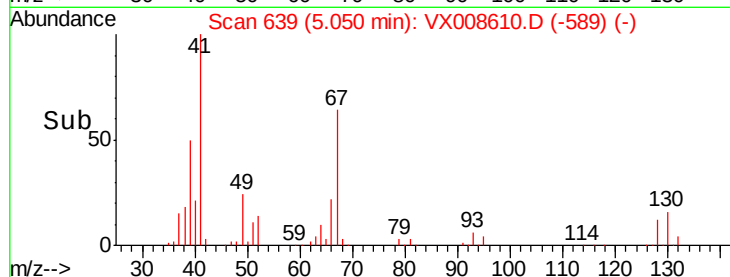


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 137.532 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX008610.D

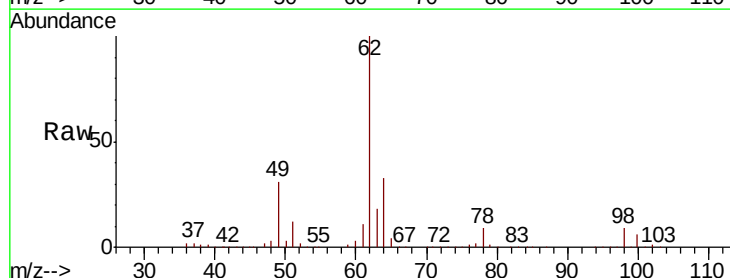
Acq: 03 Apr 2019 11:29

Tgt Ion: 62 Resp: 531973

Ion Ratio Lower Upper

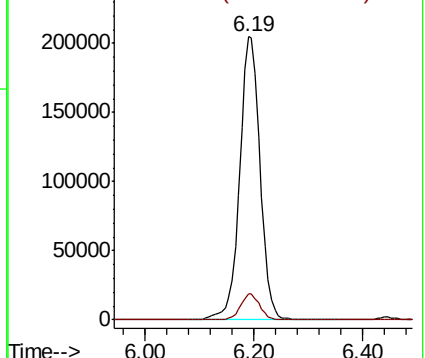
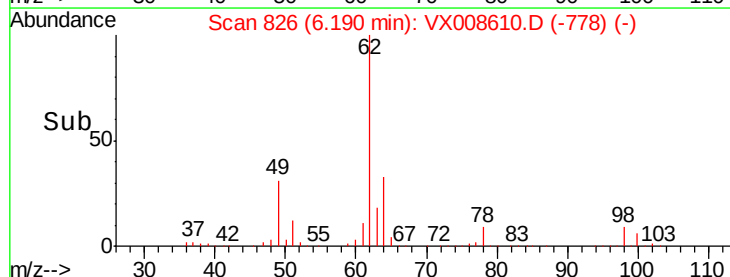
62 100

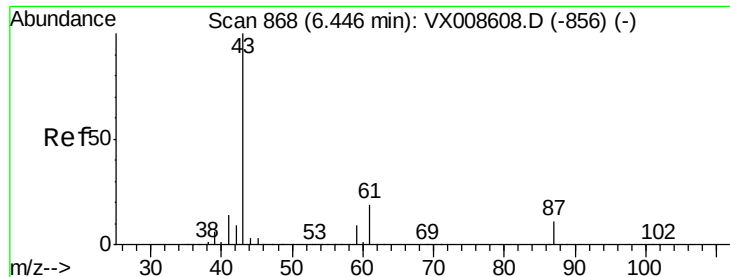
98 8.8 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 146.044 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

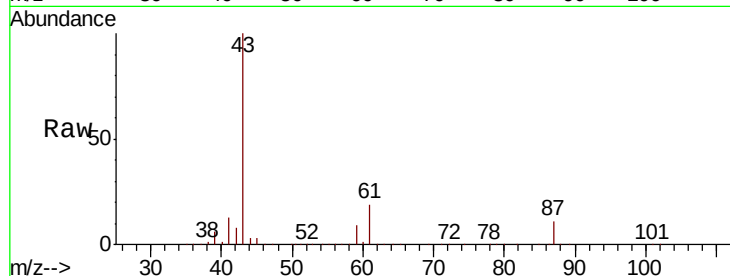
Tot Ion: 43 Resp: 1105945

Ion Ratio Lower Upper

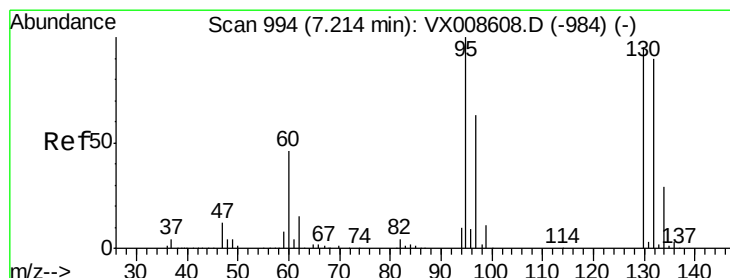
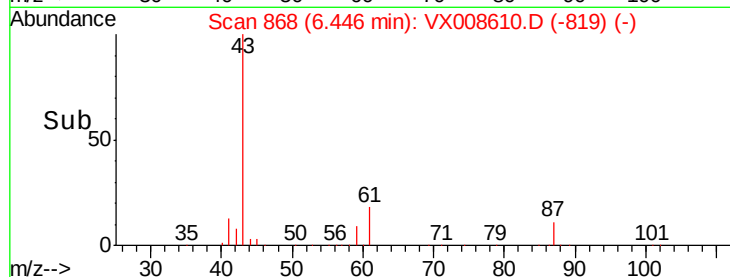
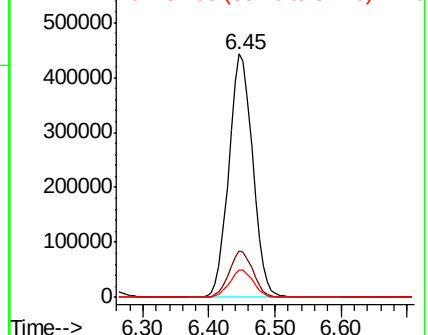
43 100

61 19.1 15.3 22.9

87 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 143.221 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008610.D

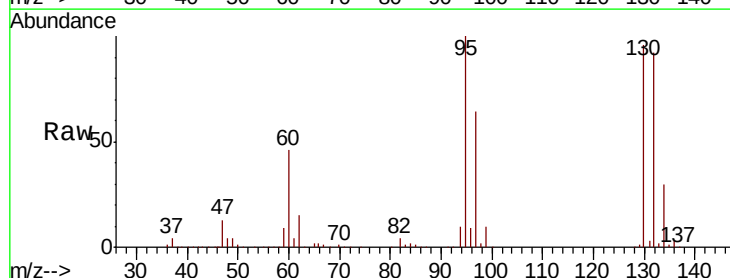
Acq: 03 Apr 2019 11:29

Tgt Ion:130 Resp: 359901

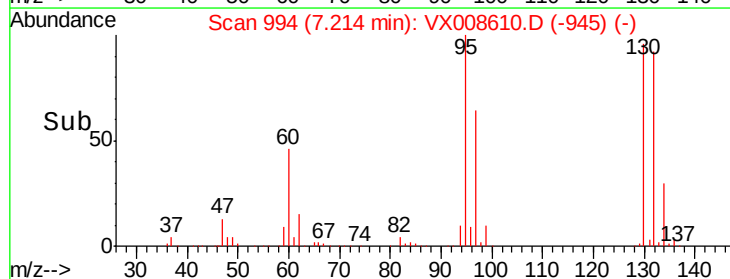
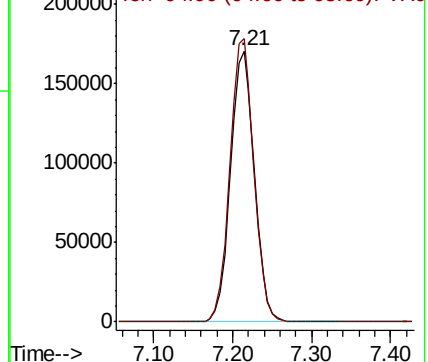
Ion Ratio Lower Upper

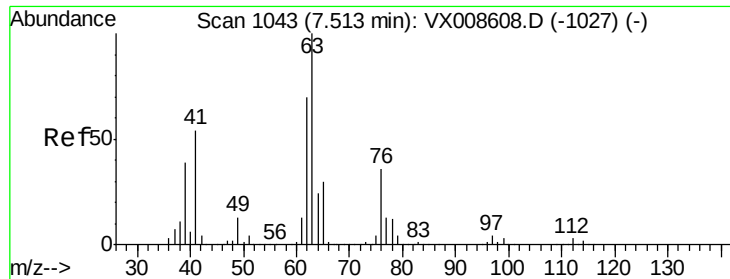
130 100

95 104.4 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

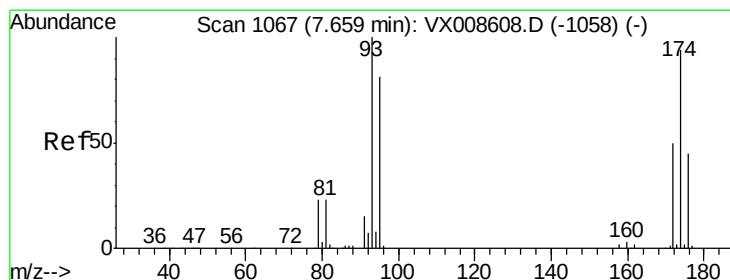
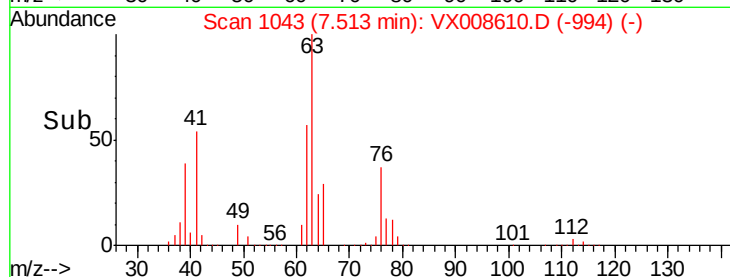
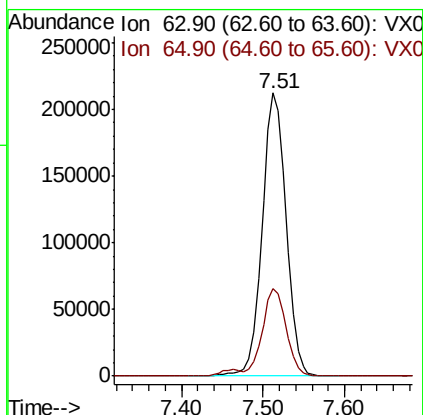
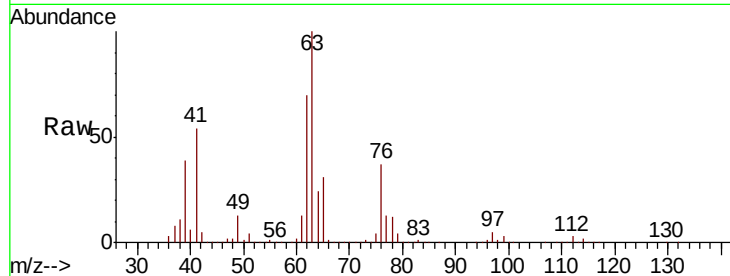




#45
 1,2-Dichloropropane
 Concen: 141.224 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008610.D
 Acq: 03 Apr 2019 11:29

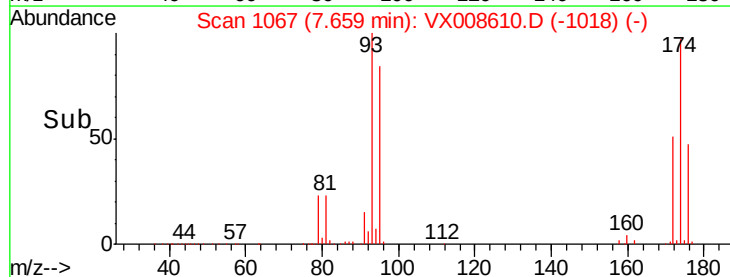
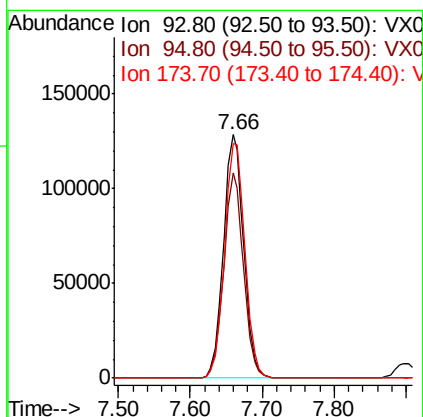
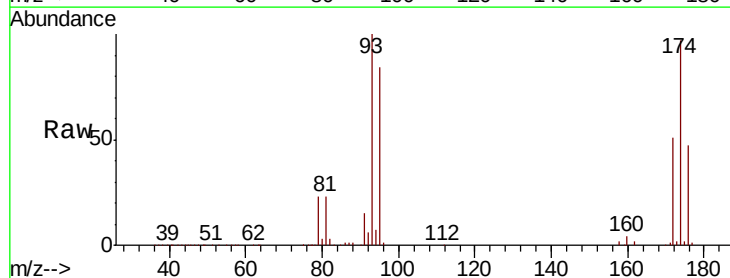
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

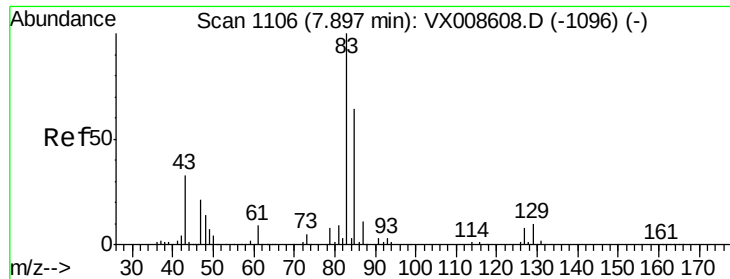
Tot Ion: 63 Resp: 434903
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.2 36.4



#46
 Dibromomethane
 Concen: 139.928 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008610.D
 Acq: 03 Apr 2019 11:29

Tgt Ion: 93 Resp: 249923
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.6 99.8
 174 97.8 77.7 116.5





#47

Bromodichloromethane

Concen: 150.231 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

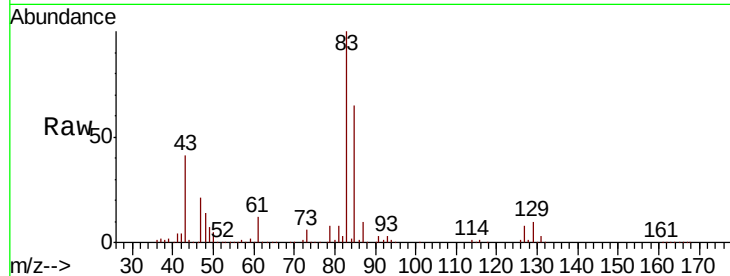
Tot Ion: 83 Resp: 505926

Ion Ratio Lower Upper

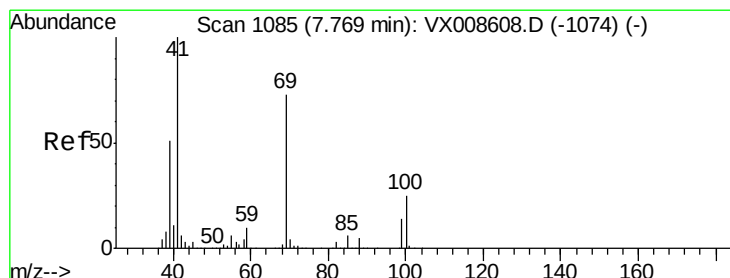
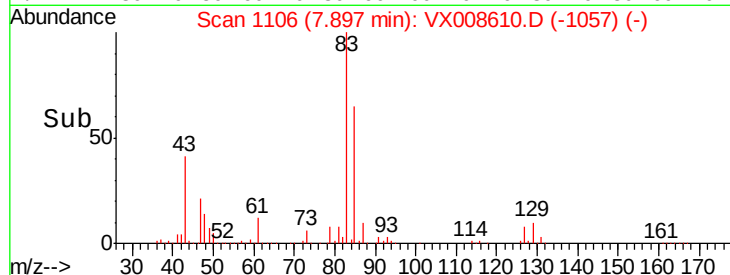
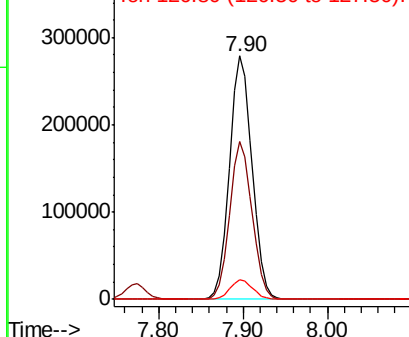
83 100

85 64.7 51.2 76.8

127 7.9 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 142.384 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

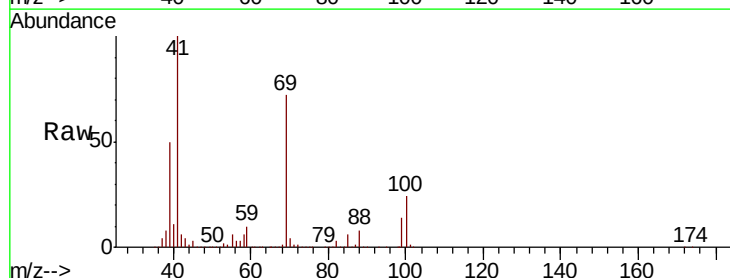
Tgt Ion: 41 Resp: 545422

Ion Ratio Lower Upper

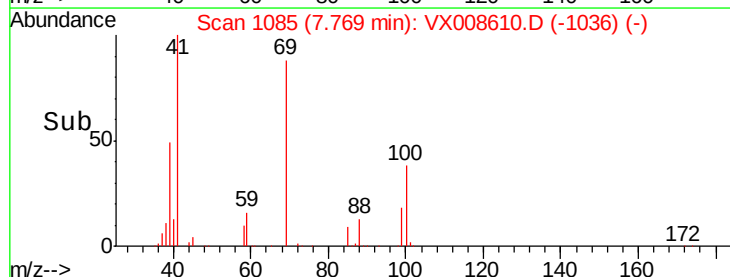
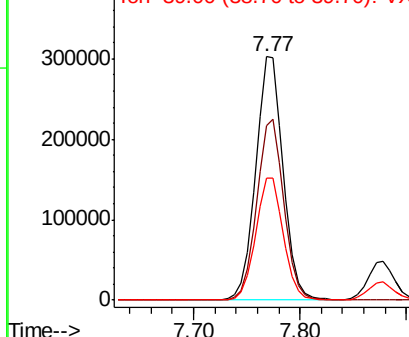
41 100

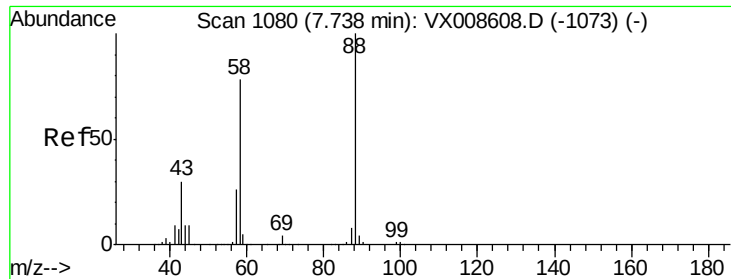
69 73.6 59.0 88.4

39 50.5 41.0 61.4



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





#49

1,4-Dioxane

Concen: 2681.451 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

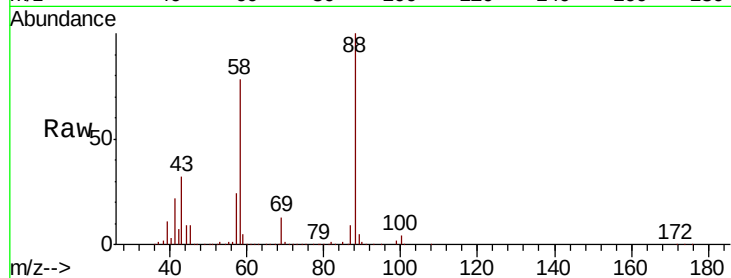
Tot Ion: 88 Resp: 192418

Ion Ratio Lower Upper

88 100

43 36.7 28.6 43.0

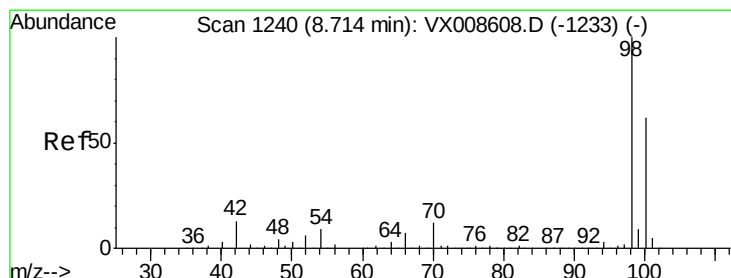
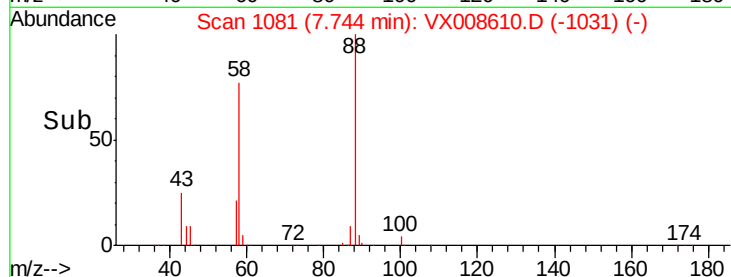
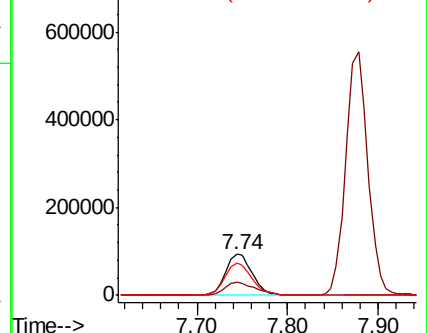
58 79.1 62.2 93.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 148.619 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX008610.D

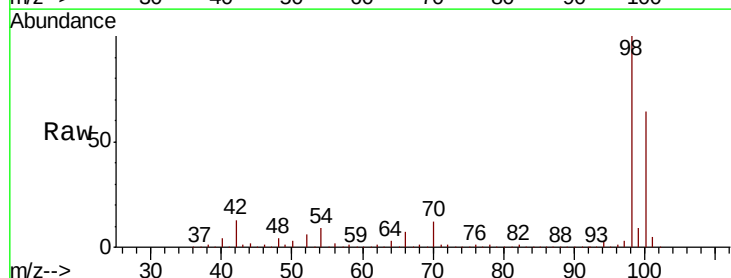
Acq: 03 Apr 2019 11:29

Tgt Ion: 98 Resp: 1253544

Ion Ratio Lower Upper

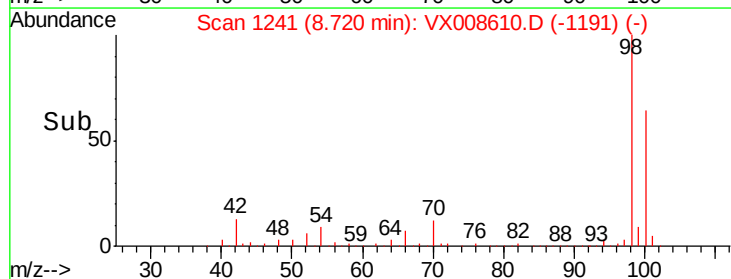
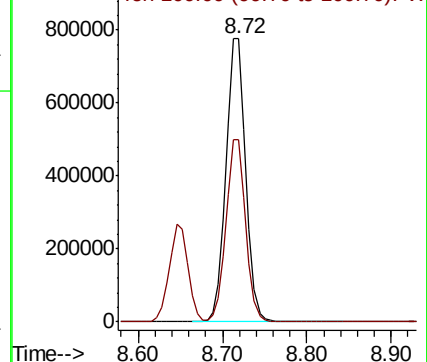
98 100

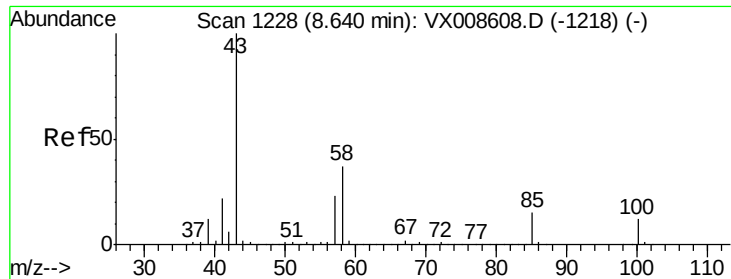
100 64.1 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 682.163 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

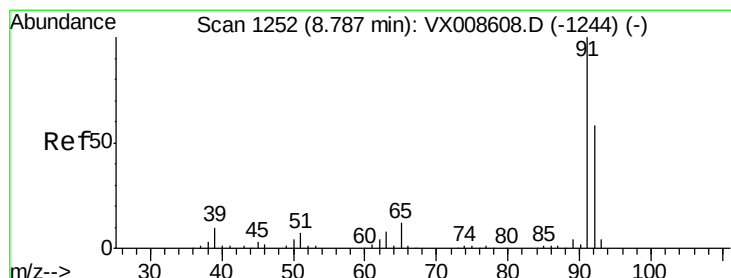
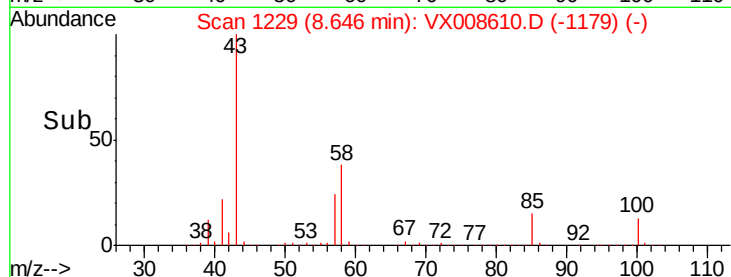
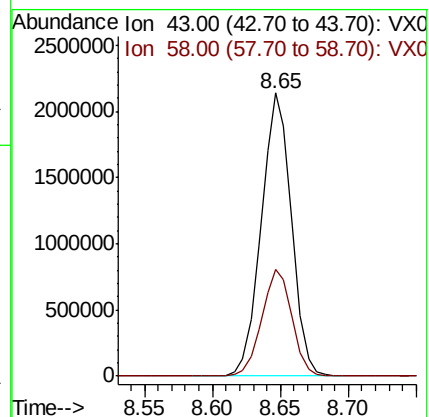
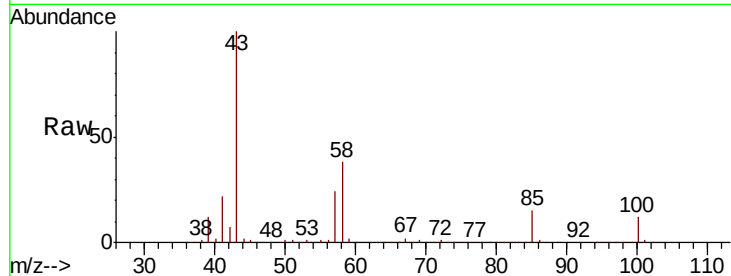
VSTDIC150

Tot Ion: 43 Resp: 3325426

Ion Ratio Lower Upper

43 100

58 37.5 29.5 44.3



#52

Toluene

Concen: 140.886 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008610.D

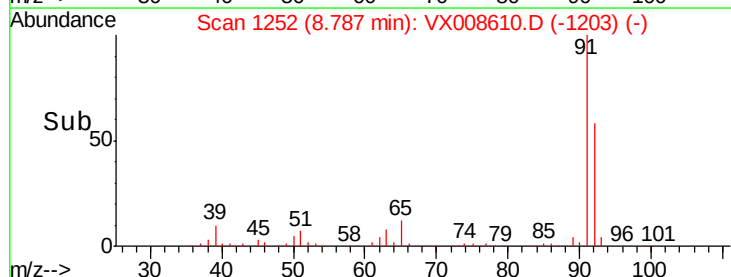
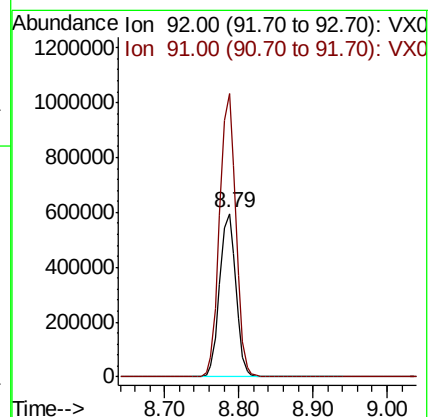
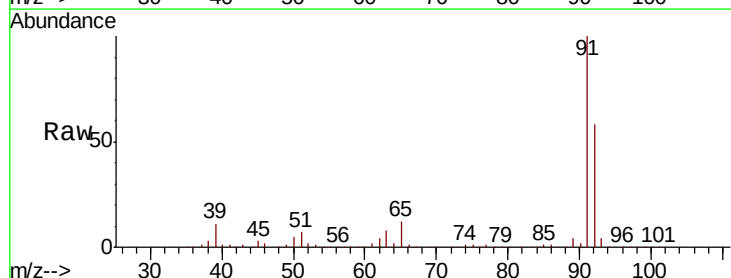
Acq: 03 Apr 2019 11:29

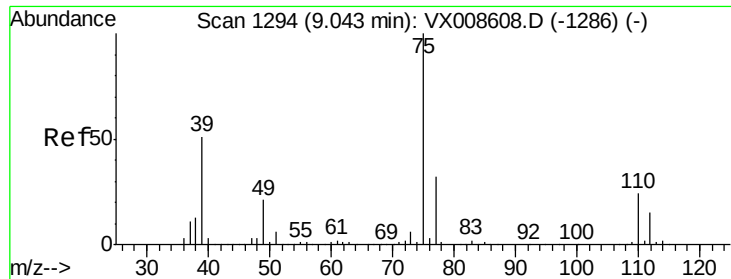
Tgt Ion: 92 Resp: 896155

Ion Ratio Lower Upper

92 100

91 172.9 138.5 207.7

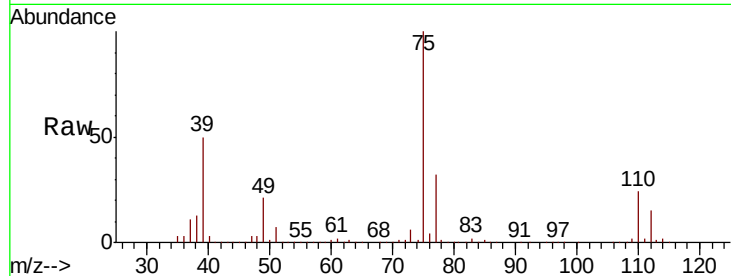




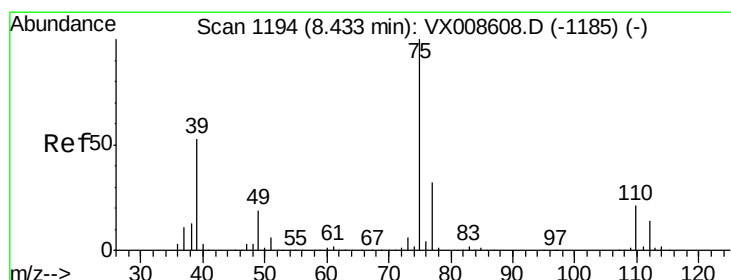
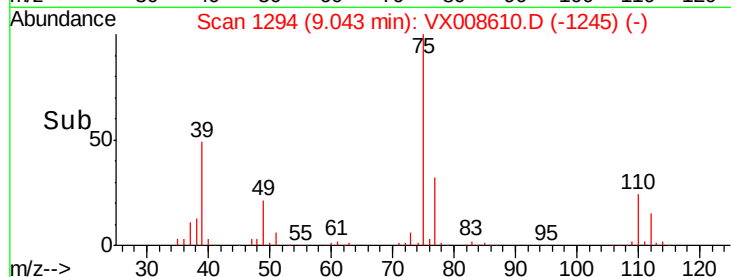
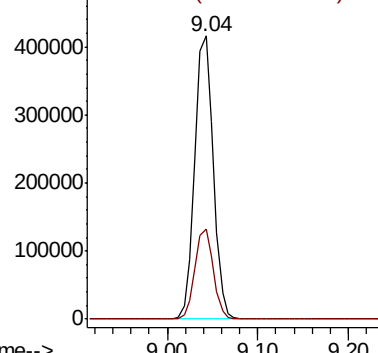
#53
 t-1,3-Dichloropropene
 Concen: 157.671 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008610.D
 Acq: 03 Apr 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 75 Resp: 594788
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.2 37.8

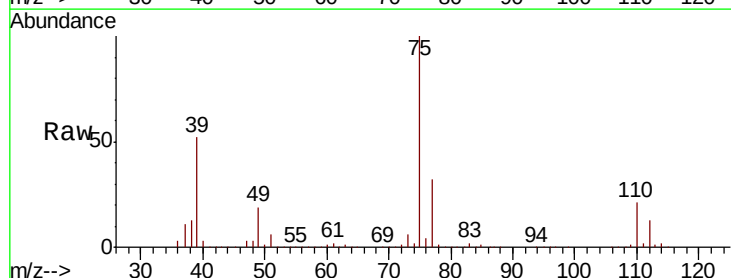


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0

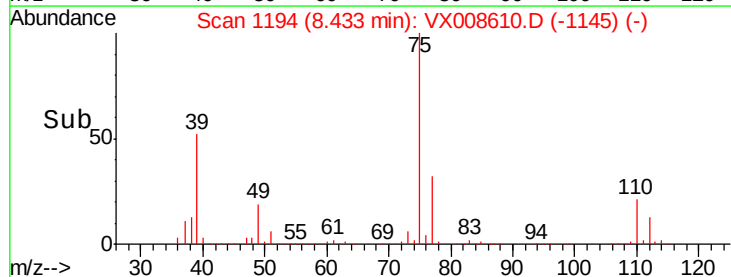
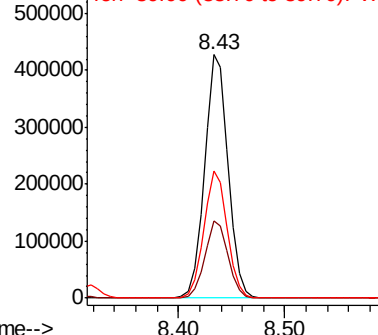


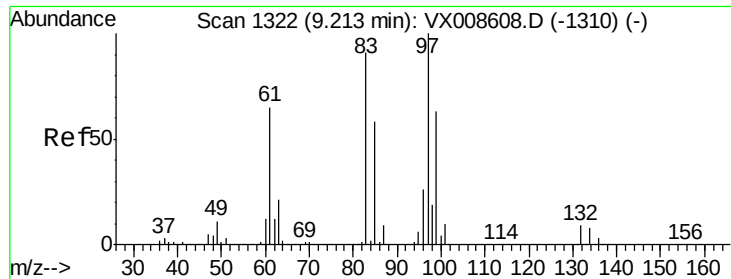
#54
 cis-1,3-Dichloropropene
 Concen: 152.506 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008610.D
 Acq: 03 Apr 2019 11:29

Tgt Ion: 75 Resp: 657367
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9
 39 52.0 42.6 63.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0

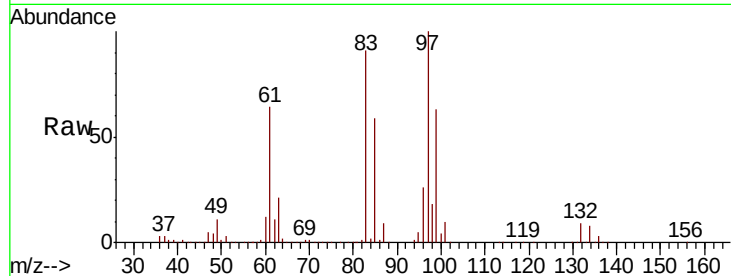




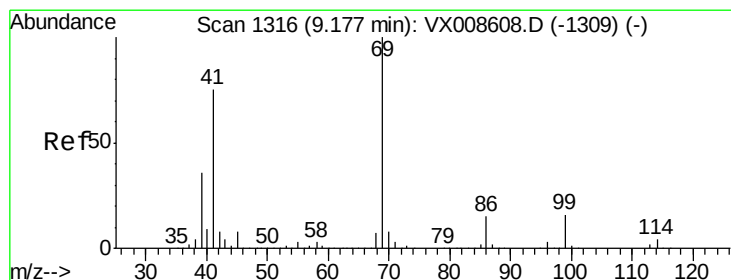
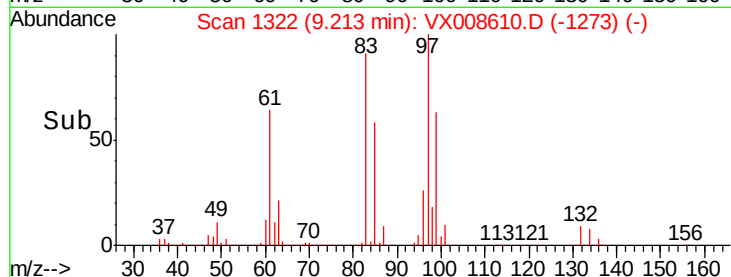
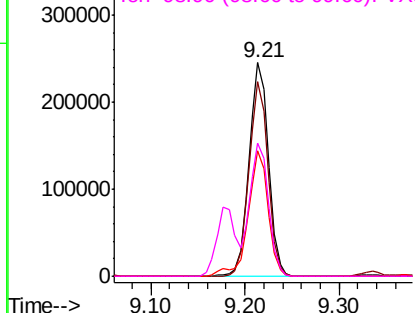
#55
 1,1,2-Trichloroethane
 Concen: 138.505 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008610.D
 Acq: 03 Apr 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	353644
Ion	Ratio	Lower	Upper
97	100		
83	91.2	73.2	109.8
85	58.5	46.6	69.8
99	62.6	50.1	75.1

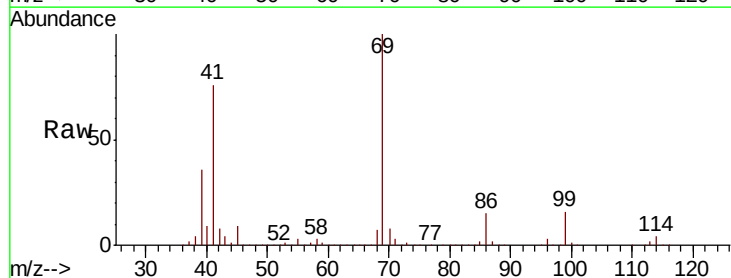


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

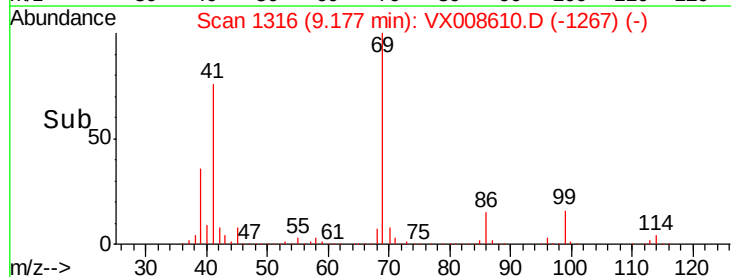
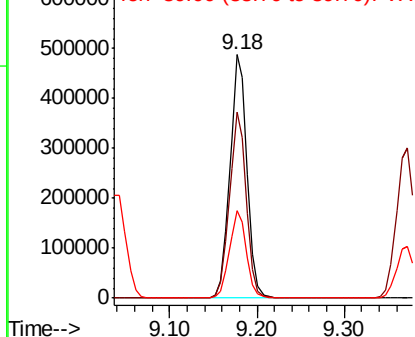


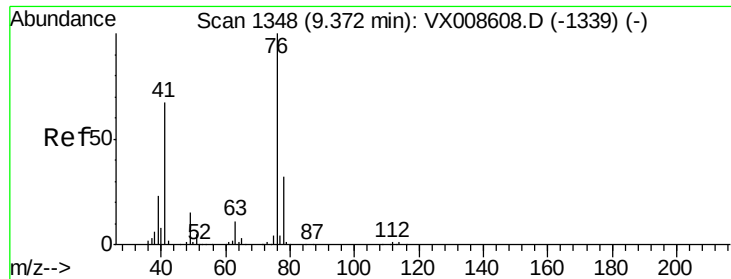
#56
 Ethyl methacrylate
 Concen: 142.492 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008610.D
 Acq: 03 Apr 2019 11:29

Tgt Ion:	69	Resp:	658275
Ion	Ratio	Lower	Upper
69	100		
41	75.3	60.1	90.1
39	35.6	28.9	43.3



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





#57

1,3-Dichloropropane

Concen: 138.015 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

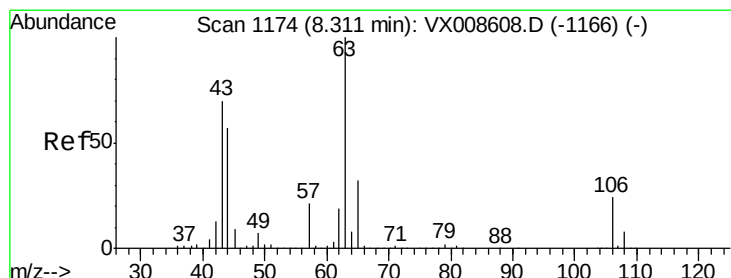
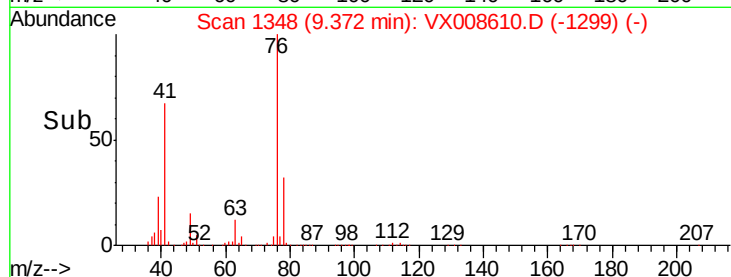
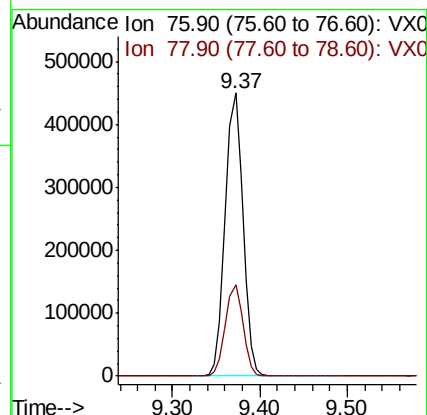
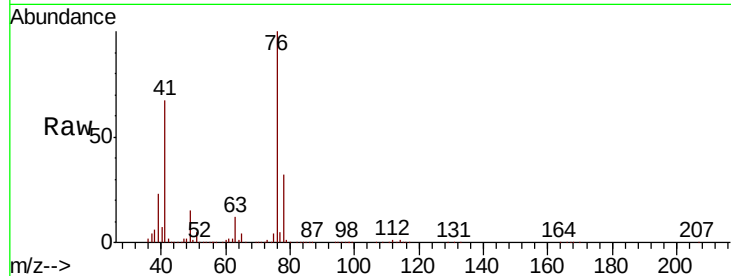
VSTDIC150

Tot Ion: 76 Resp: 632778

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 727.924 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX008610.D

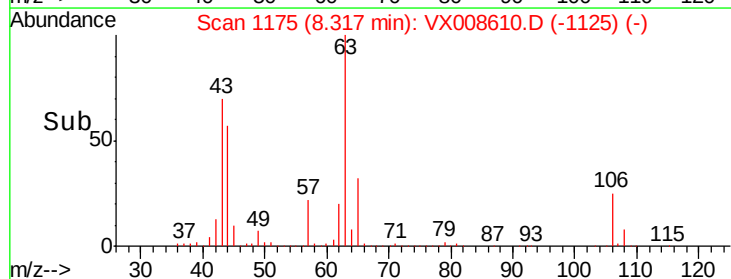
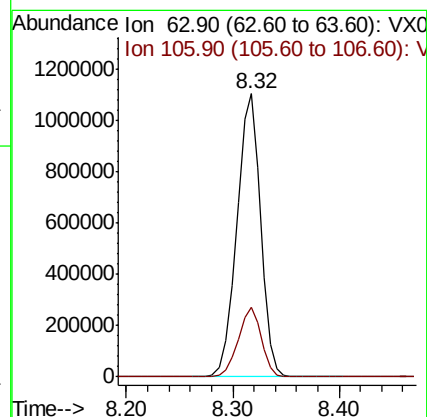
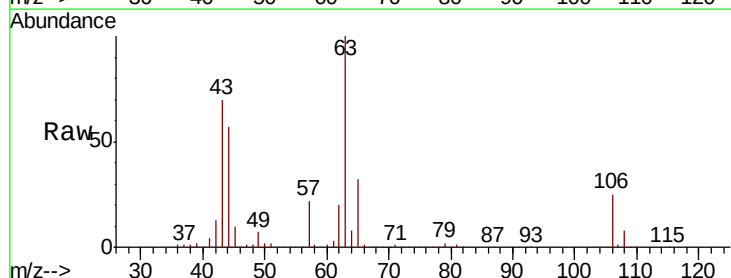
Acq: 03 Apr 2019 11:29

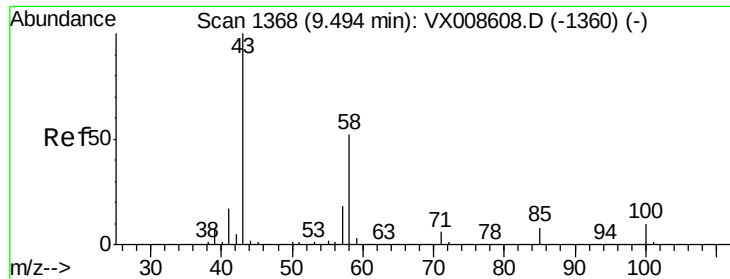
Tgt Ion: 63 Resp: 1717118

Ion Ratio Lower Upper

63 100

106 24.1 19.0 28.6

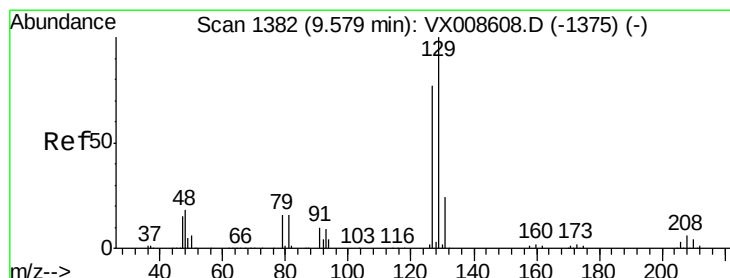
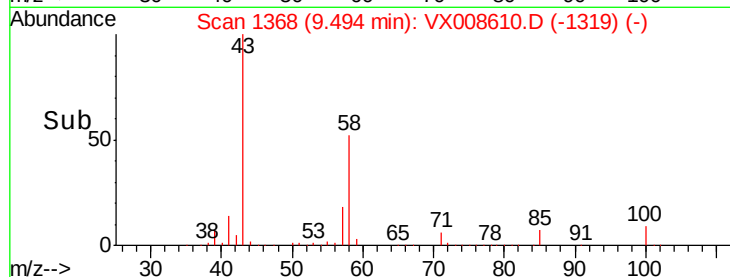
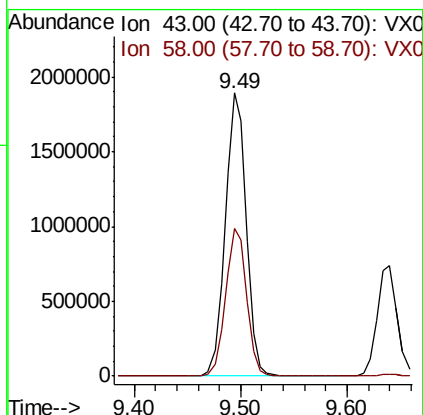
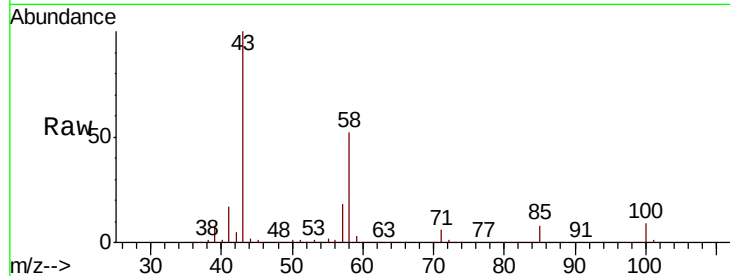




#59
2-Hexanone
Concen: 685.404 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008610.D
Acq: 03 Apr 2019 11:29

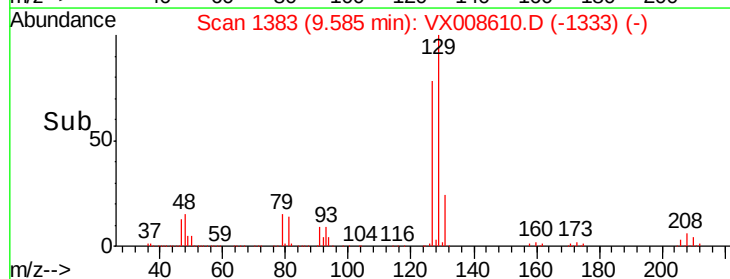
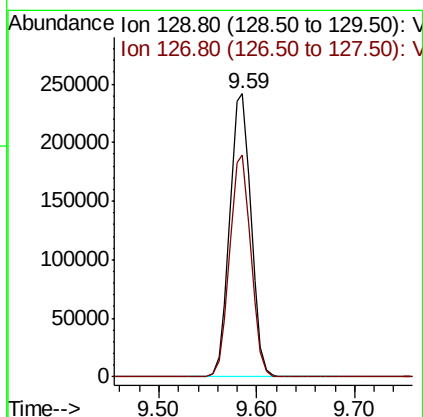
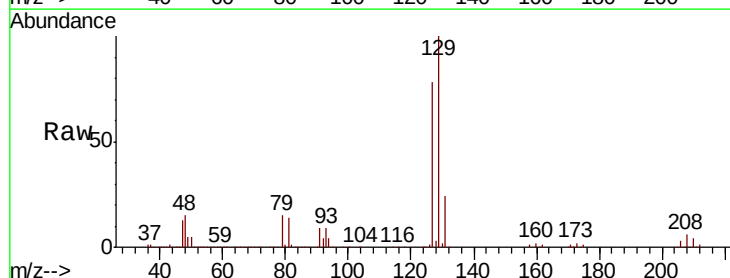
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

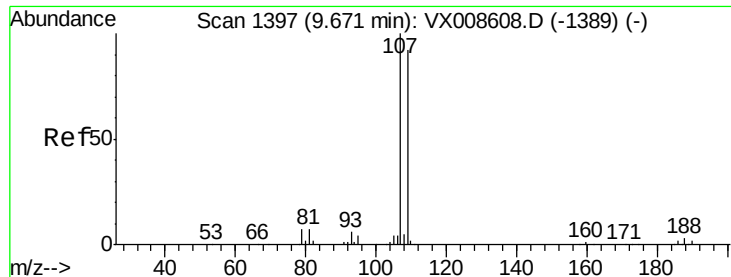
Tot Ion: 43 Resp: 2596623
Ion Ratio Lower Upper
43 100
58 52.4 25.9 77.7



#60
Dibromochloromethane
Concen: 152.021 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX008610.D
Acq: 03 Apr 2019 11:29

Tgt Ion: 129 Resp: 365766
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 140.226 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

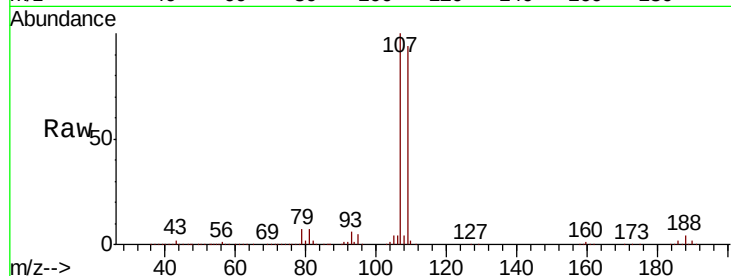
VSTDIC150

Tot Ion:107 Resp: 372733

Ion Ratio Lower Upper

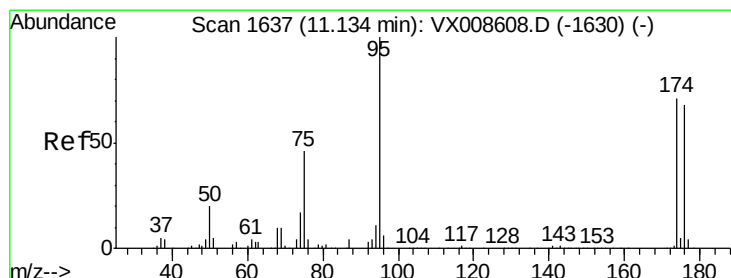
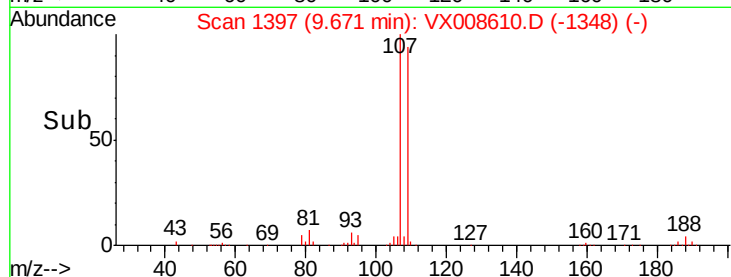
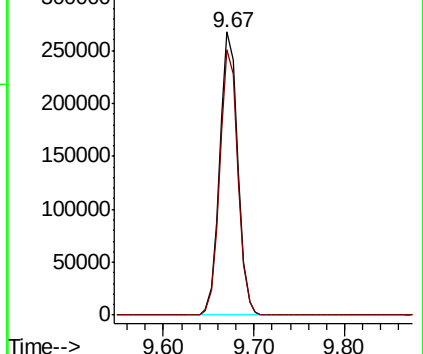
107 100

109 93.9 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 149.118 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

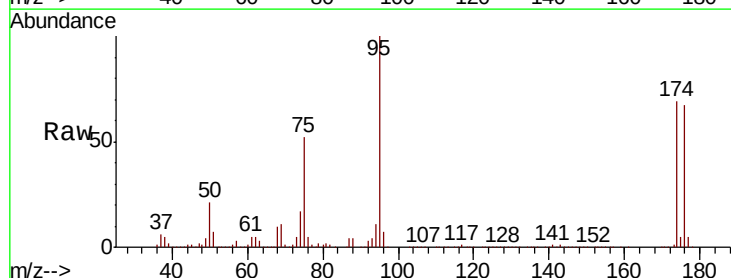
Tgt Ion: 95 Resp: 446018

Ion Ratio Lower Upper

95 100

174 77.0 0.0 151.8

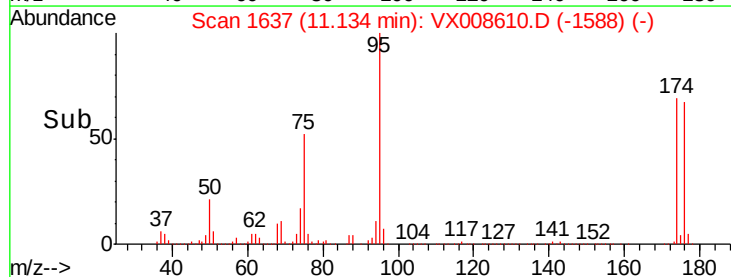
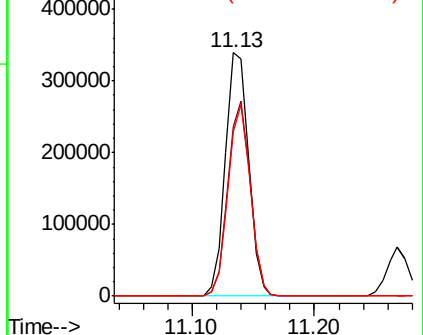
176 75.0 0.0 145.8

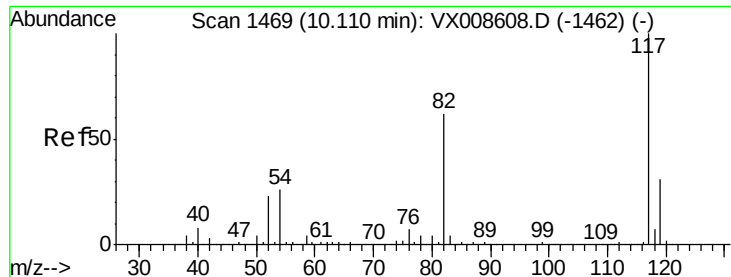


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

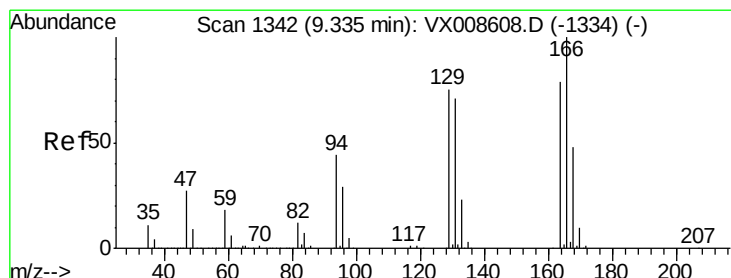
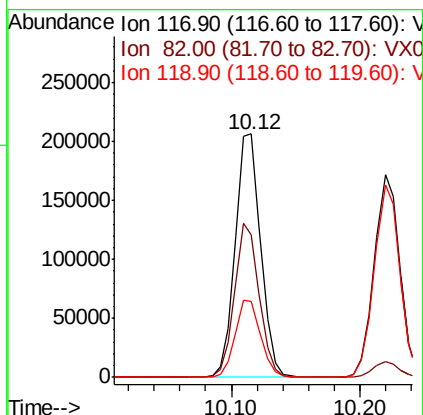
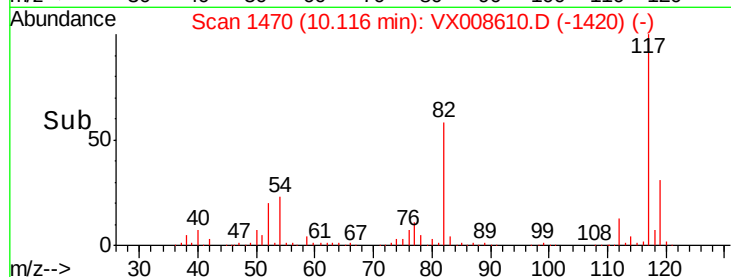
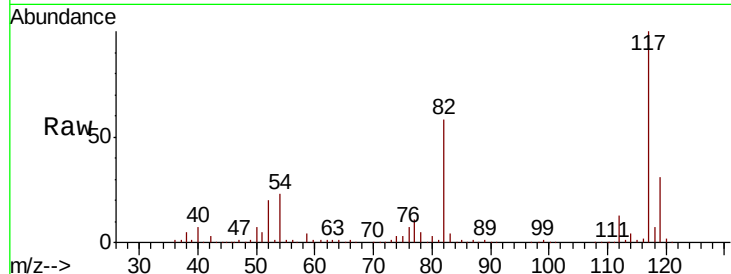




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008610.D
Acq: 03 Apr 2019 11:29

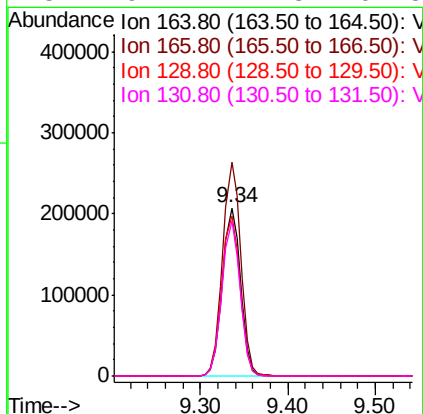
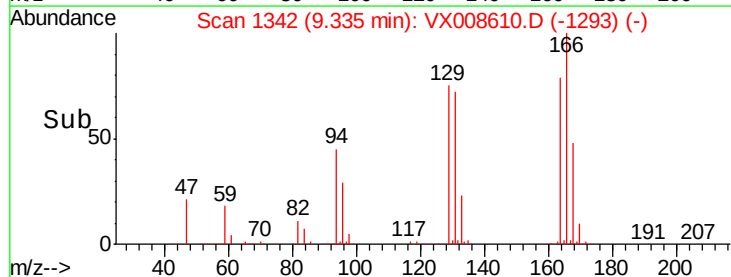
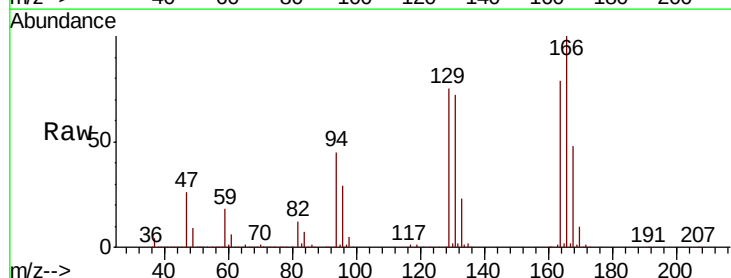
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

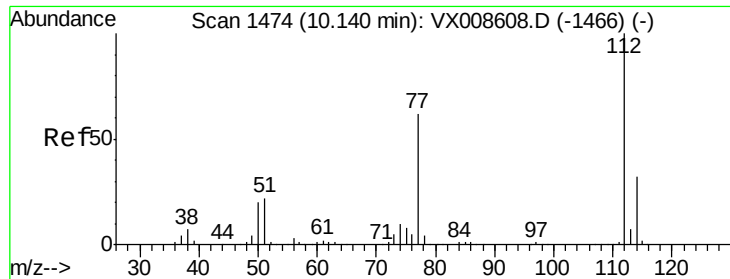
Tot Ion:117 Resp: 284761
Ion Ratio Lower Upper
117 100
82 58.4 49.6 74.4
119 31.3 25.0 37.4



#64
Tetrachloroethene
Concen: 140.670 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008610.D
Acq: 03 Apr 2019 11:29

Tgt Ion:164 Resp: 296783
Ion Ratio Lower Upper
164 100
166 127.3 101.0 151.6
129 95.7 75.8 113.8
131 92.2 71.8 107.8

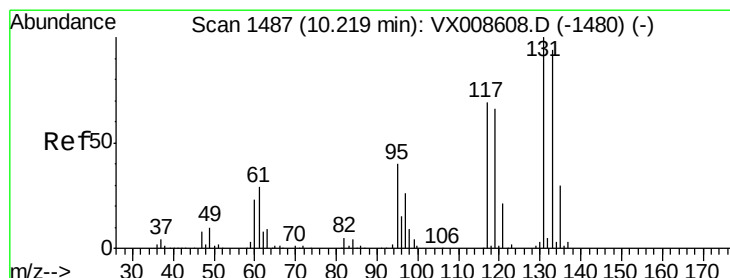
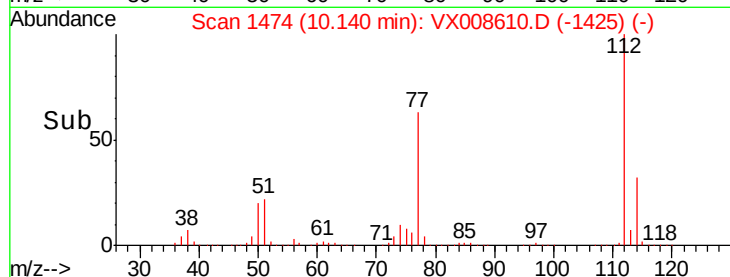
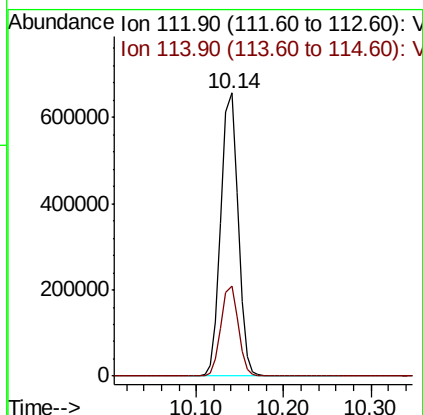
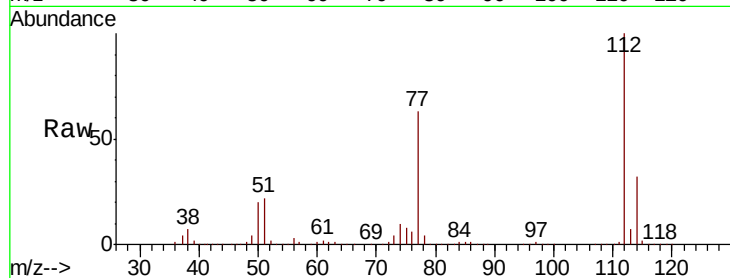




#65
Chlorobenzene
Concen: 141.825 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008610.D
Acq: 03 Apr 2019 11:29

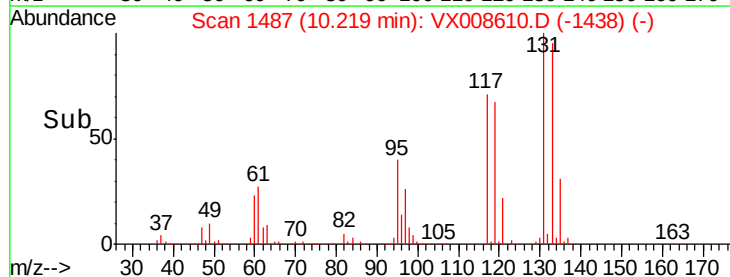
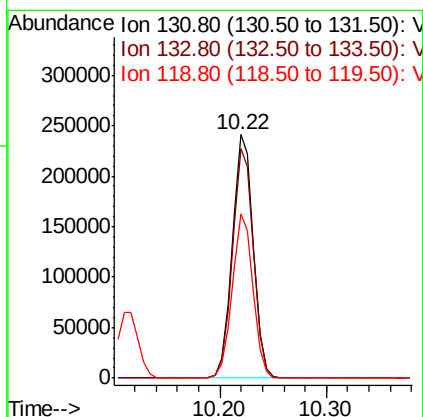
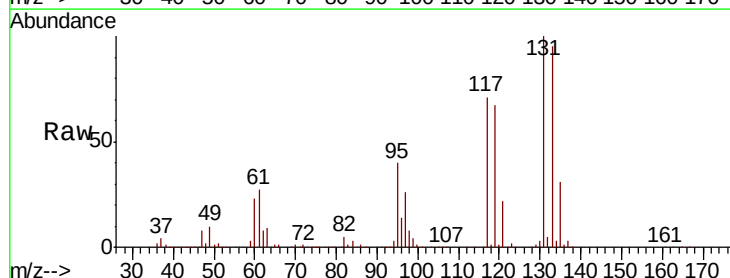
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

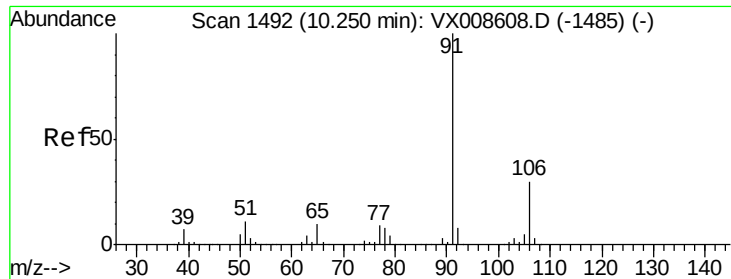
Tot Ion:112 Resp: 895233
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 149.714 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008610.D
Acq: 03 Apr 2019 11:29

Tgt Ion:131 Resp: 331535
Ion Ratio Lower Upper
131 100
133 94.6 47.0 141.2
119 66.9 33.7 101.0

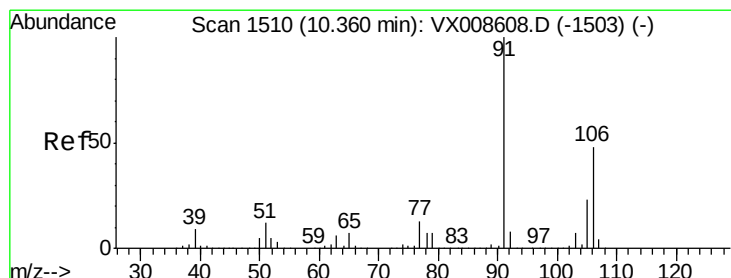
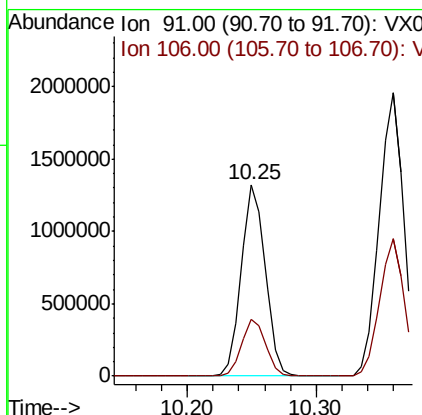
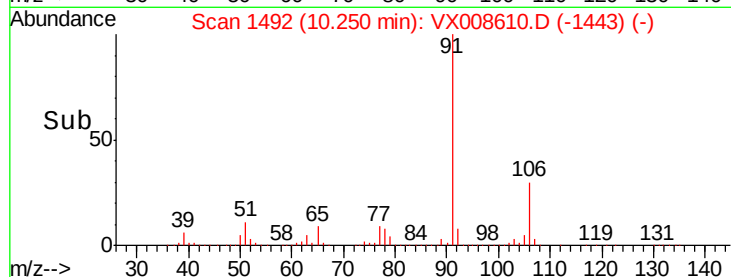
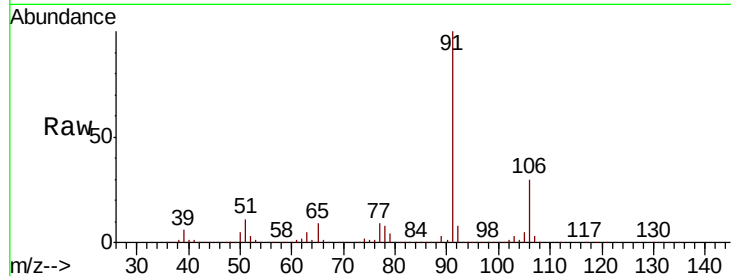




#67
Ethyl Benzene
Concen: 145.091 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008610.D
Acq: 03 Apr 2019 11:29

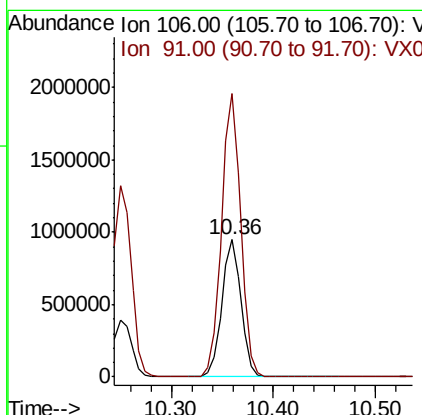
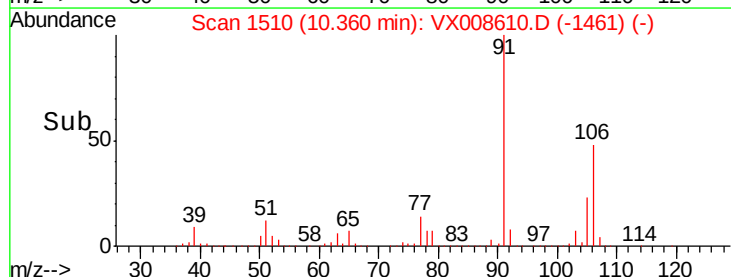
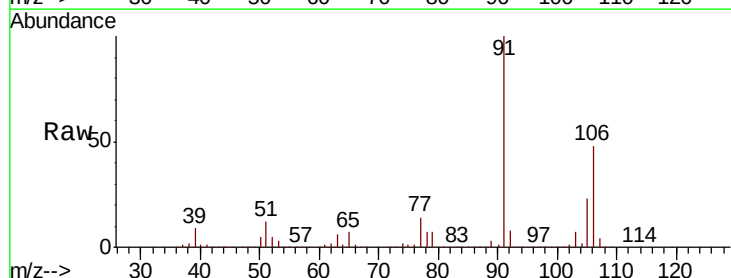
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

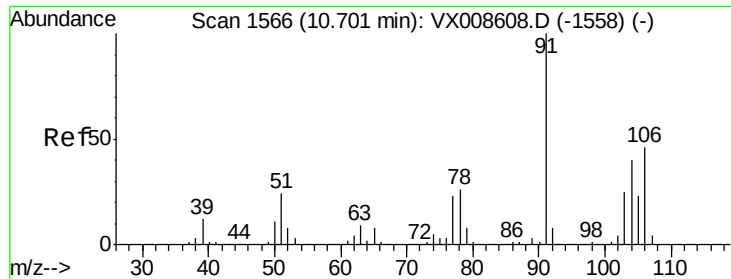
Tot Ion: 91 Resp: 1707772
Ion Ratio Lower Upper
91 100
106 30.0 23.7 35.5



#68
m/p-Xylenes
Concen: 292.227 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008610.D
Acq: 03 Apr 2019 11:29

Tgt Ion: 106 Resp: 1236721
Ion Ratio Lower Upper
106 100
91 207.7 168.5 252.7

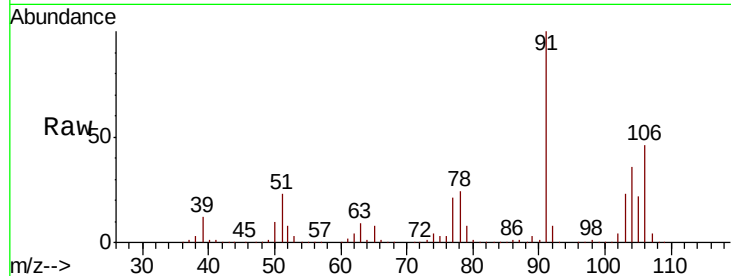




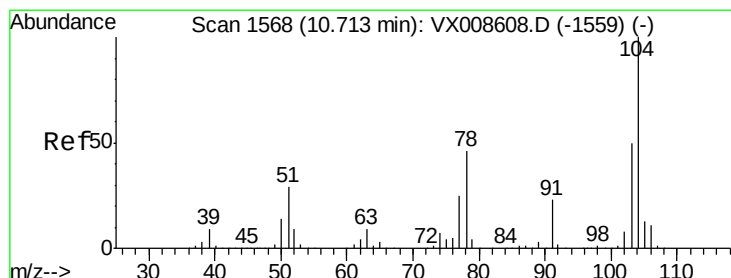
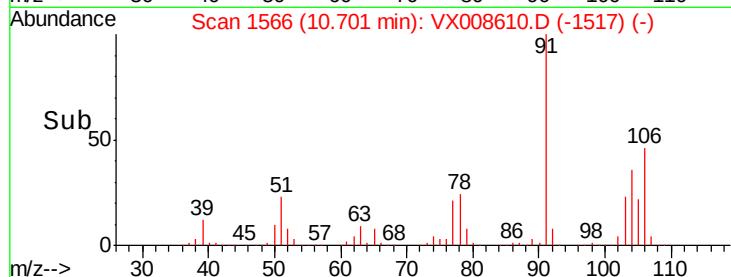
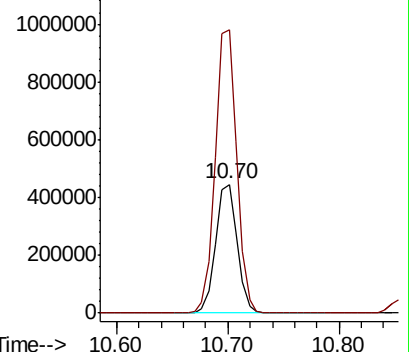
#69
o-Xylene
Concen: 144.027 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008610.D
Acq: 03 Apr 2019 11:29

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion:106 Resp: 590705
Ion Ratio Lower Upper
106 100
91 221.1 111.5 334.4

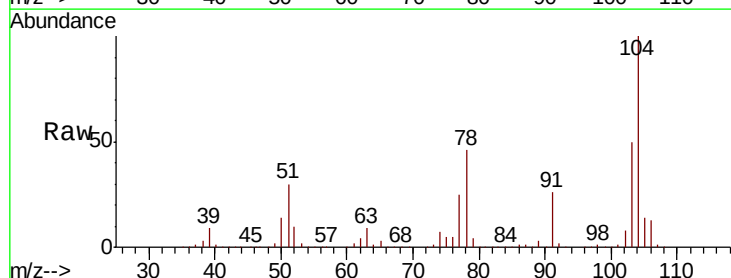


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

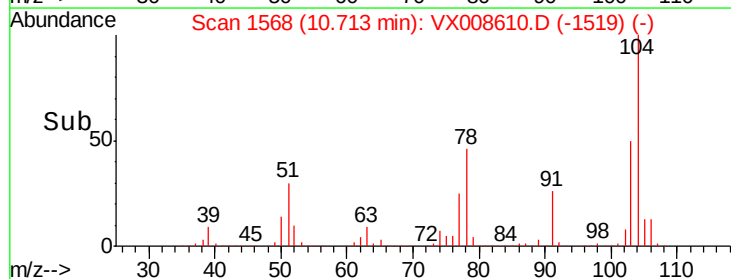
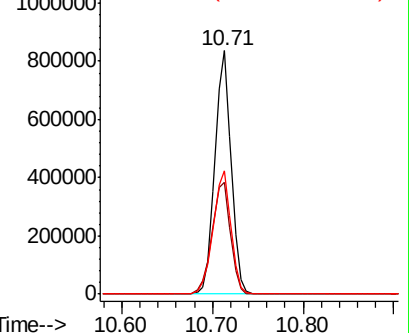


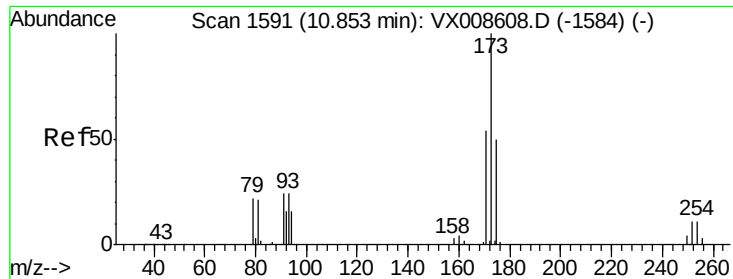
#70
Styrene
Concen: 147.219 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008610.D
Acq: 03 Apr 2019 11:29

Tgt Ion:104 Resp: 1040794
Ion Ratio Lower Upper
104 100
78 52.6 42.3 63.5
103 55.4 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

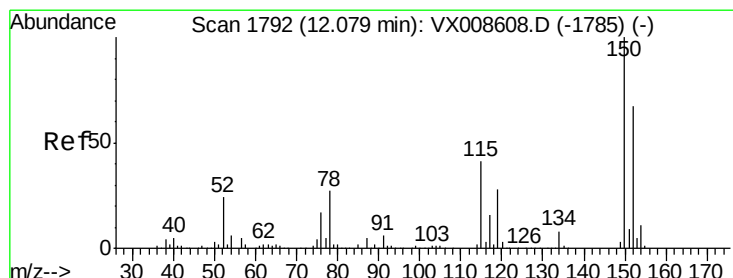
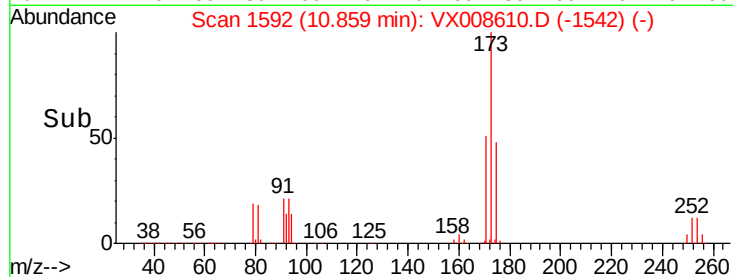
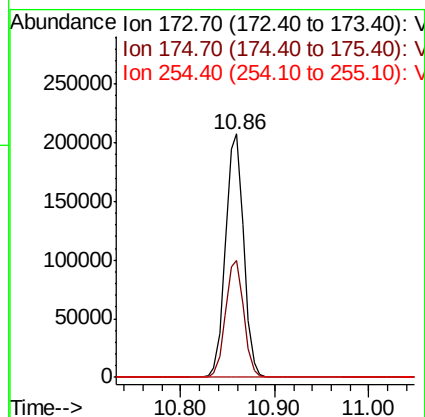
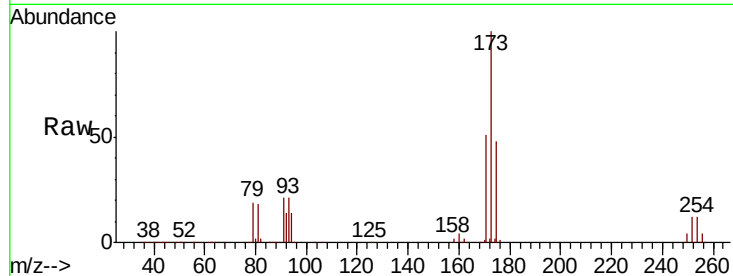




#71
Bromoform
Concen: 162.774 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX008610.D
Acq: 03 Apr 2019 11:29

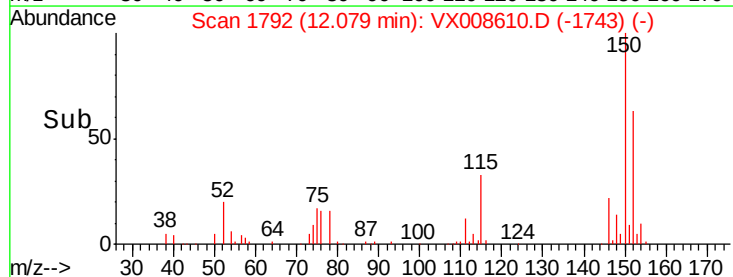
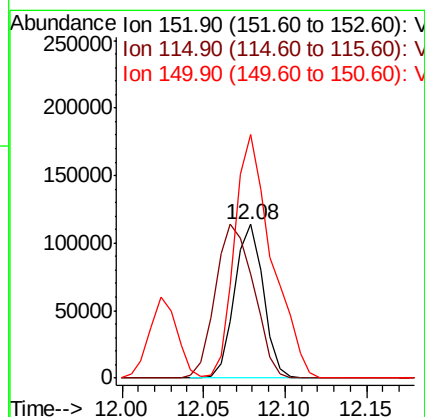
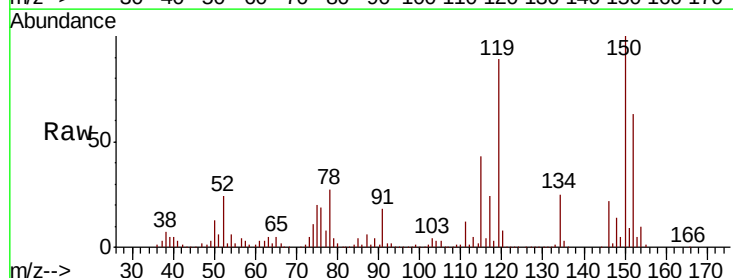
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

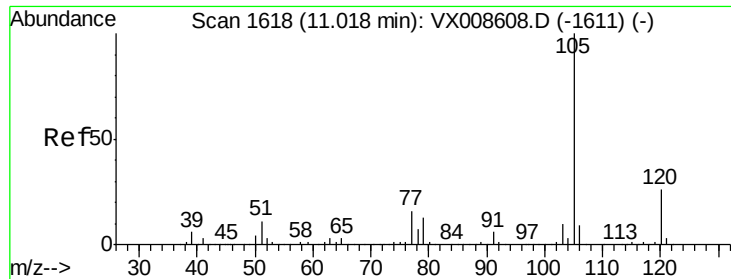
Tot Ion:173 Resp: 275298
Ion Ratio Lower Upper
173 100
175 48.3 24.9 74.6
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008610.D
Acq: 03 Apr 2019 11:29

Tgt Ion:152 Resp: 139318
Ion Ratio Lower Upper
152 100
115 134.5 43.5 130.5#
150 206.4 0.0 348.8





#73

Isopropylbenzene

Concen: 136.186 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

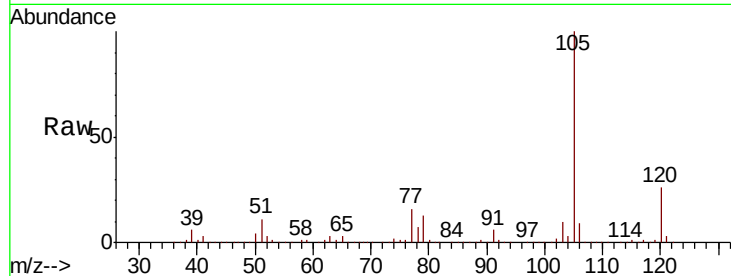
VSTDIC150

Tot Ion:105 Resp: 1572364

Ion Ratio Lower Upper

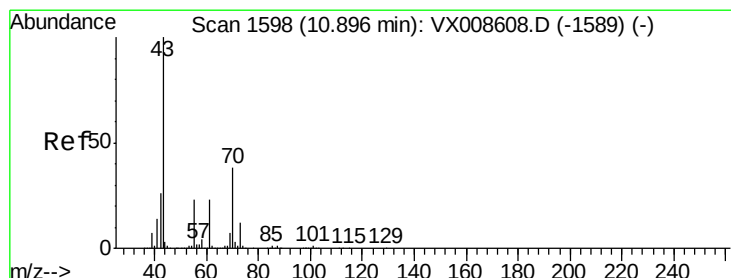
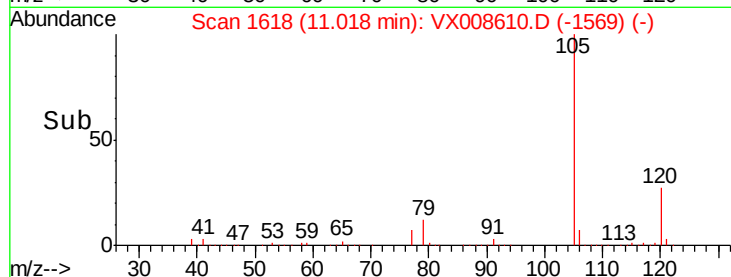
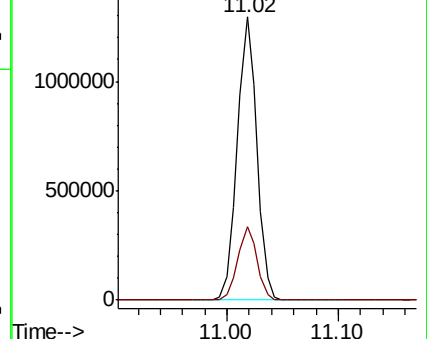
105 100

120 25.7 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 142.731 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Tgt Ion: 43 Resp: 969547

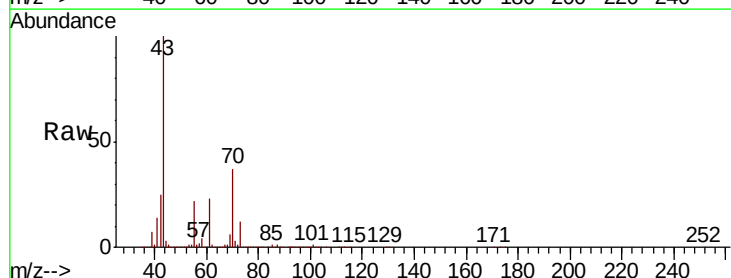
Ion Ratio Lower Upper

43 100

70 37.4 30.2 45.4

55 22.0 18.2 27.4

61 23.0 18.6 28.0

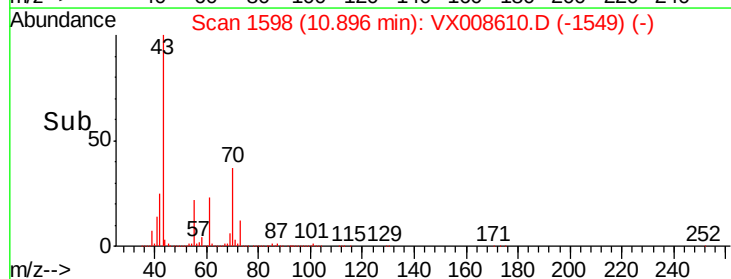
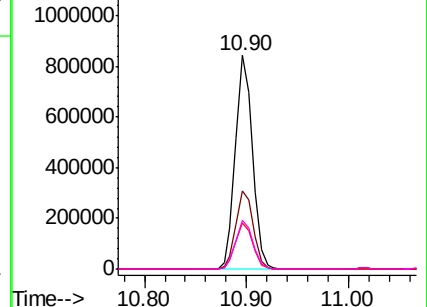


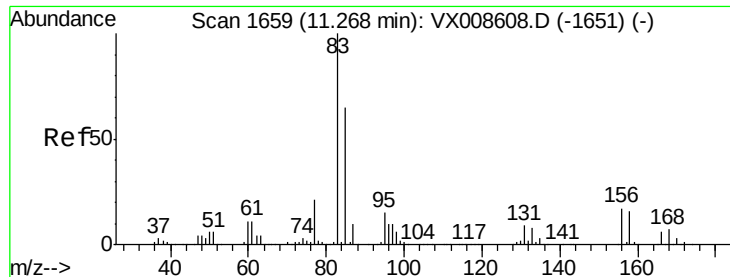
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 132.677 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

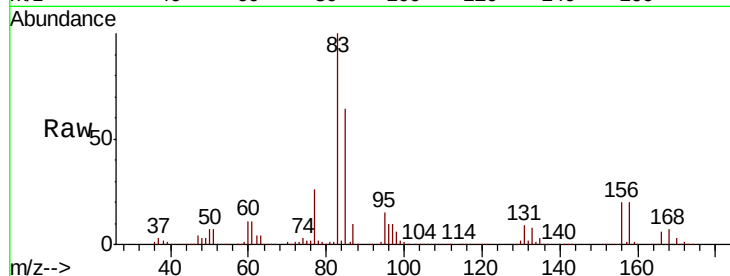
MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 582586

Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.5	13.7
85	64.2	32.0	96.2



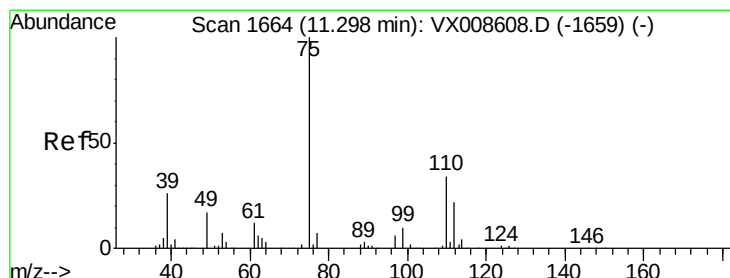
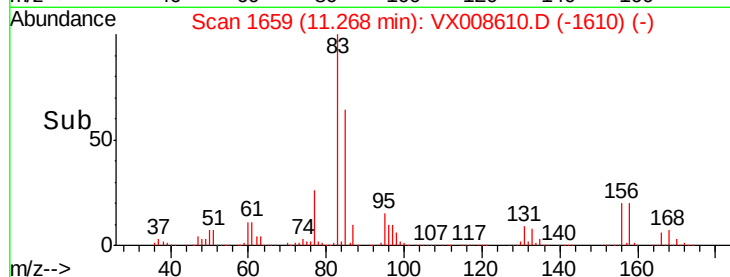
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

11.27

Time-->



#76

1,2,3-Trichloropropane

Concen: 174.004 ug/l

RT: 11.30 min Scan# 1664

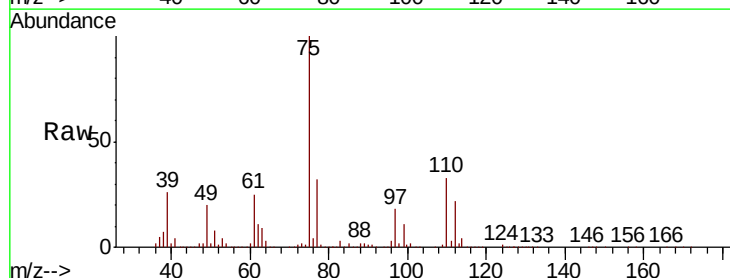
Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Tgt Ion: 75 Resp: 716663

Ion	Ratio	Lower	Upper
75	100		
77	30.5	22.3	66.8

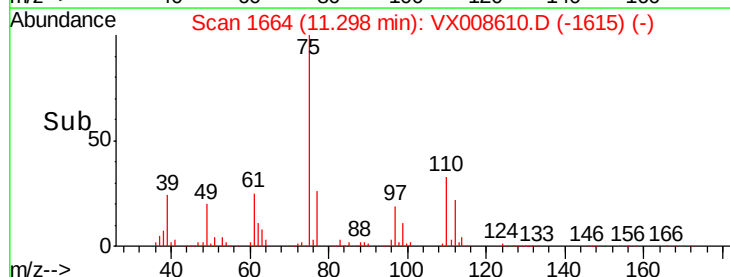


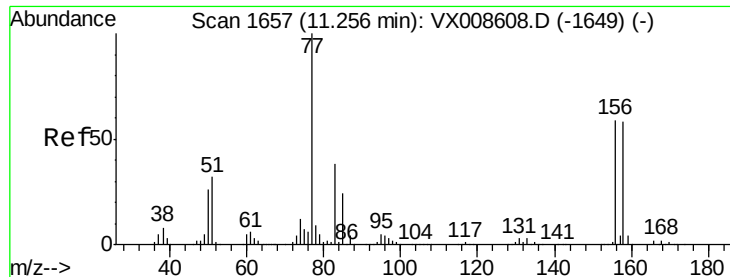
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.30

Time-->





#77

Bromobenzene

Concen: 136.485 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

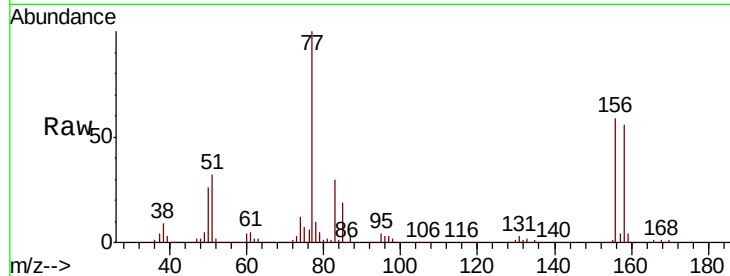
Tot Ion:156 Resp: 378827

Ion Ratio Lower Upper

156 100

77 178.6 89.8 269.6

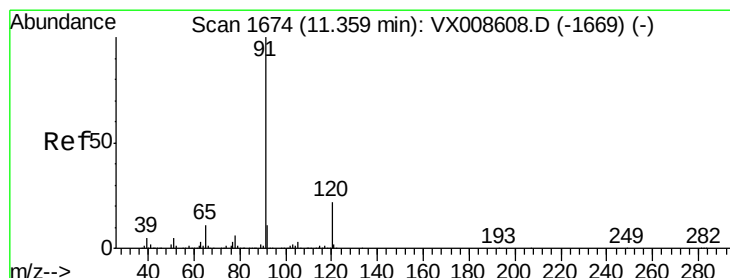
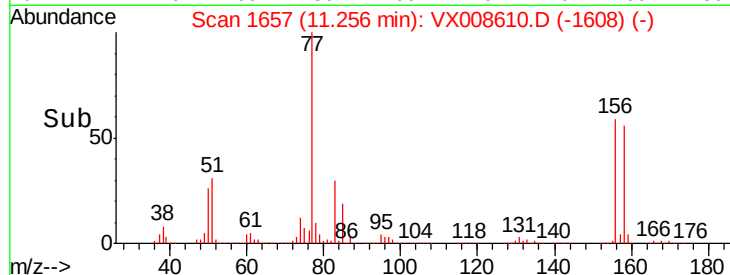
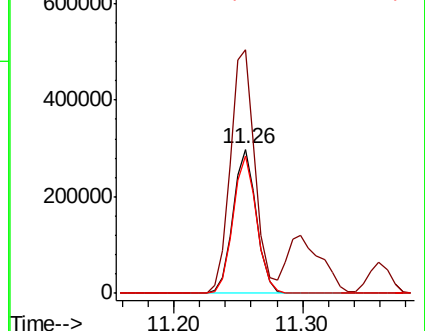
158 96.1 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 138.513 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008610.D

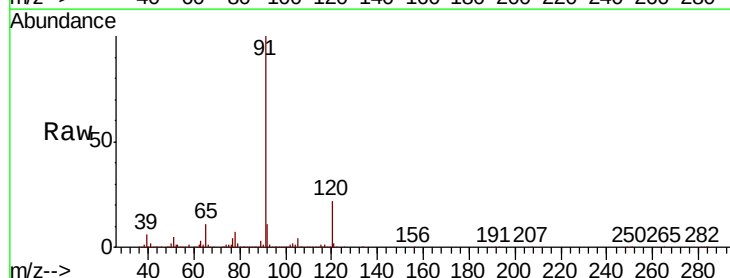
Acq: 03 Apr 2019 11:29

Tgt Ion: 91 Resp: 1862094

Ion Ratio Lower Upper

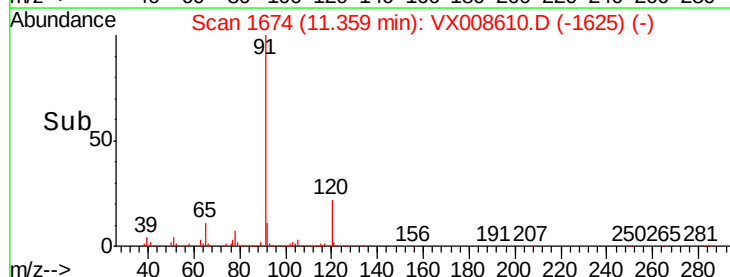
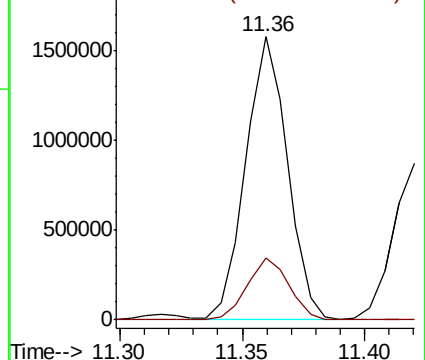
91 100

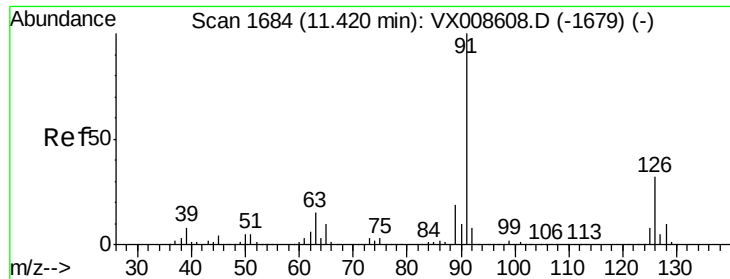
120 22.0 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 133.205 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

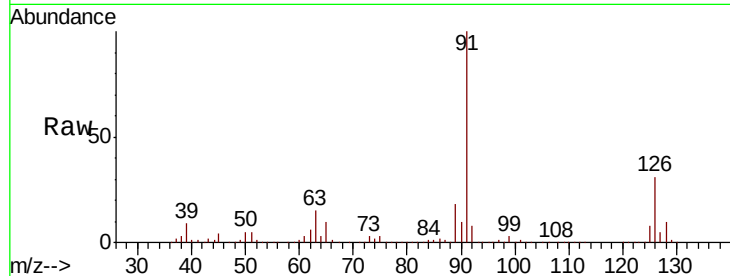
VSTDIC150

Tot Ion: 91 Resp: 1083673

Ion Ratio Lower Upper

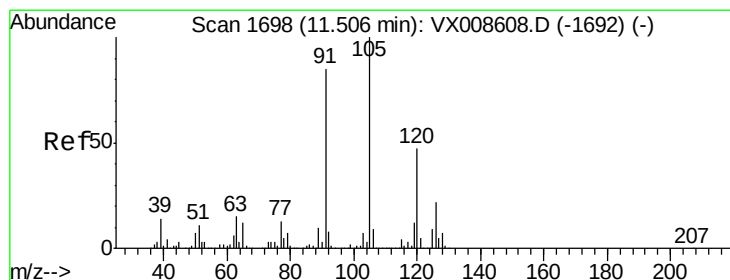
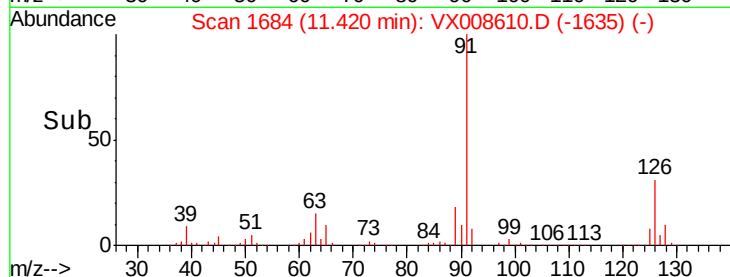
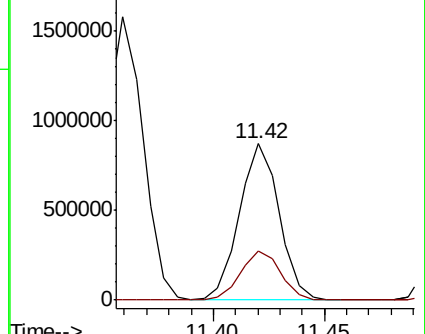
91 100

126 31.9 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 139.033 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008610.D

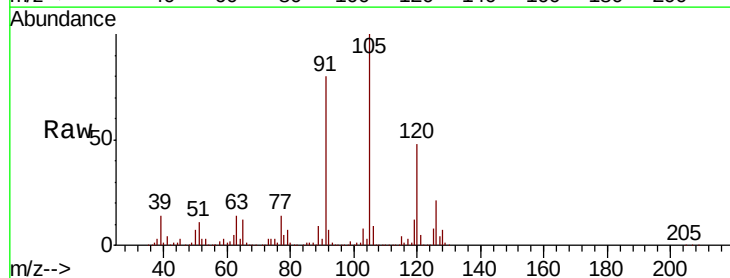
Acq: 03 Apr 2019 11:29

Tgt Ion:105 Resp: 1347454

Ion Ratio Lower Upper

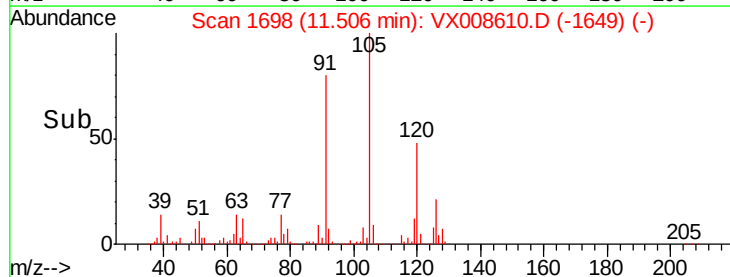
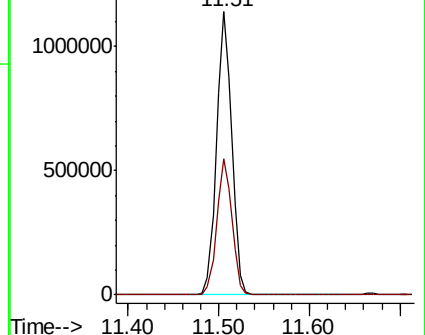
105 100

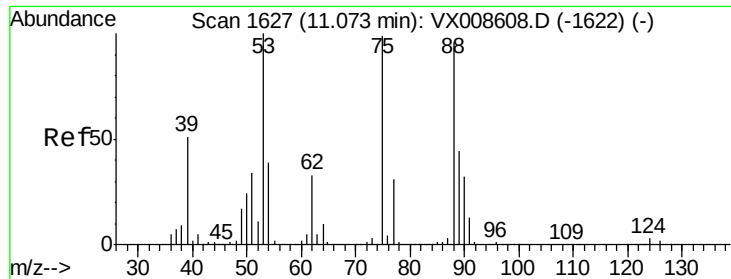
120 48.0 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

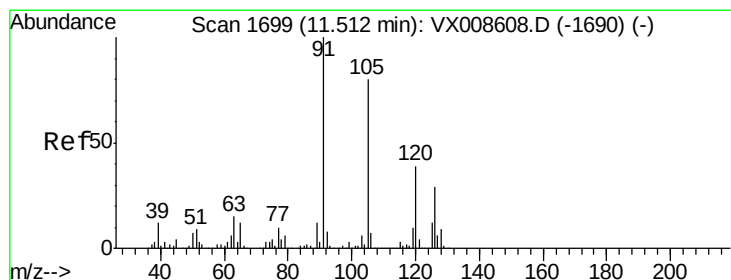
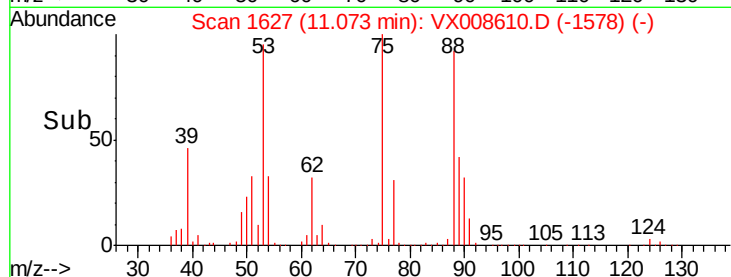
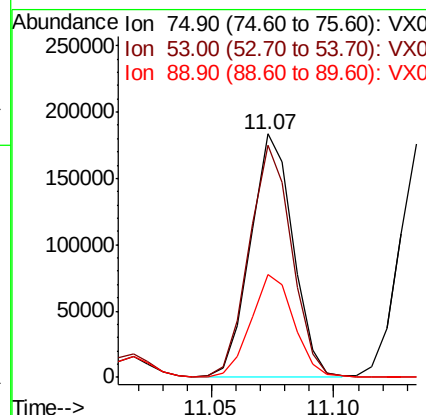
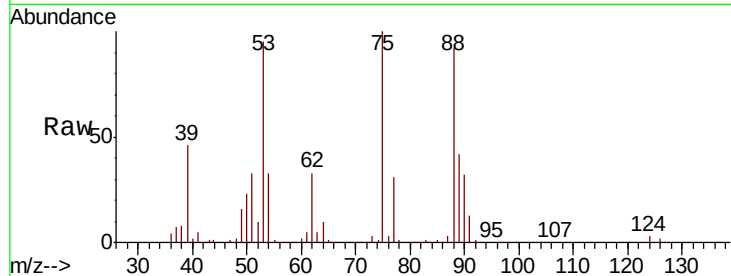




#81
trans-1,4-Dichloro-2-butene
Concen: 159.562 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008610.D
Acq: 03 Apr 2019 11:29

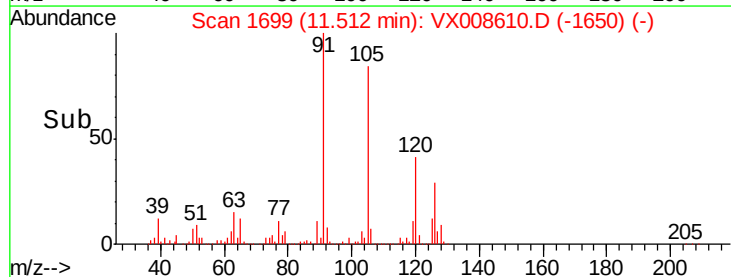
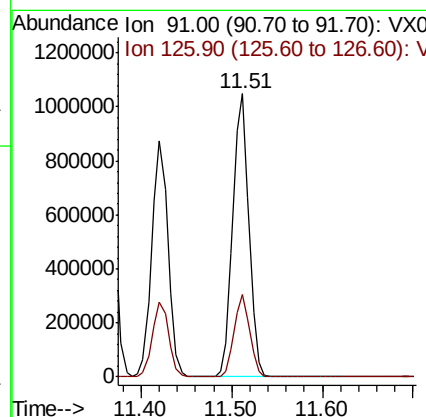
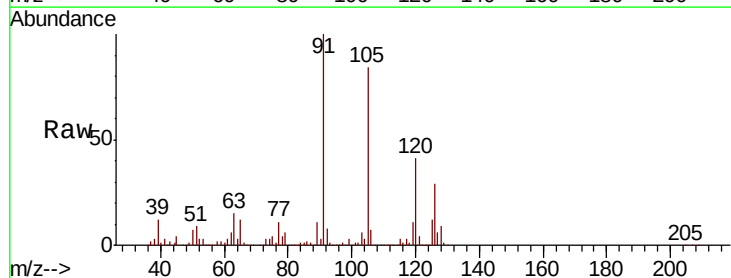
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

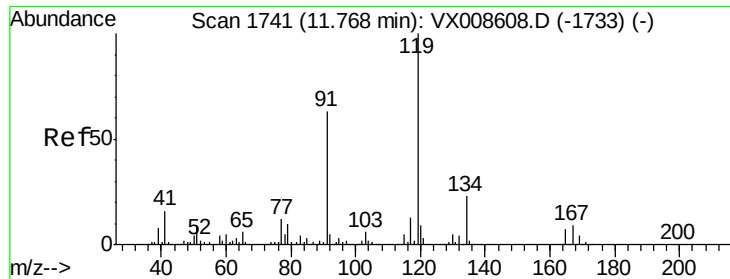
Tot Ion: 75 Resp: 221537
Ion Ratio Lower Upper
75 100
53 95.6 81.3 121.9
89 42.9 35.6 53.4



#82
4-Chlorotoluene
Concen: 137.499 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008610.D
Acq: 03 Apr 2019 11:29

Tgt Ion: 91 Resp: 1294825
Ion Ratio Lower Upper
91 100
126 28.3 13.9 41.6

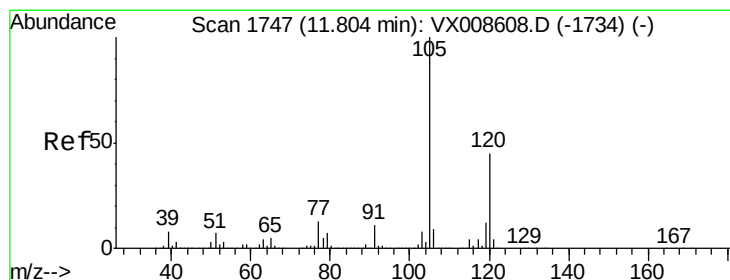
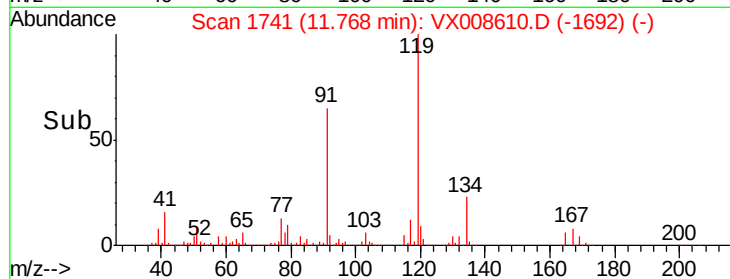
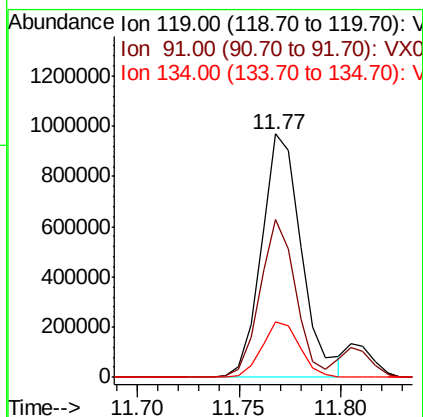
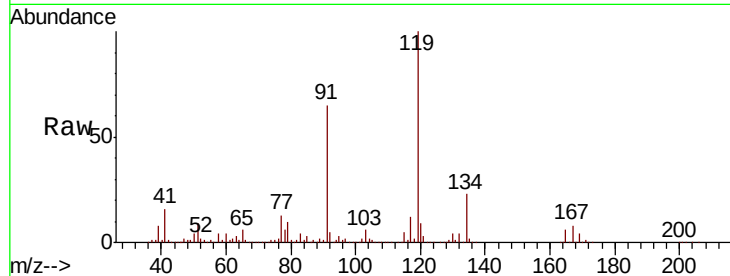




#83
 tert-Butylbenzene
 Concen: 141.525 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008610.D
 Acq: 03 Apr 2019 11:29

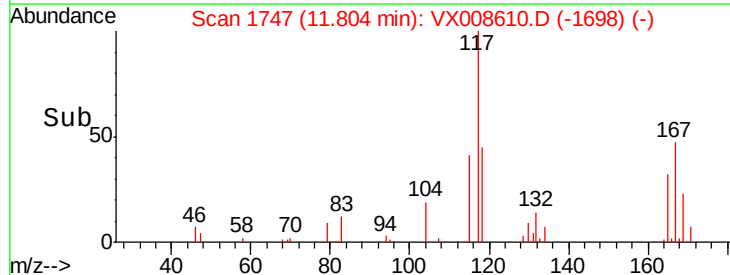
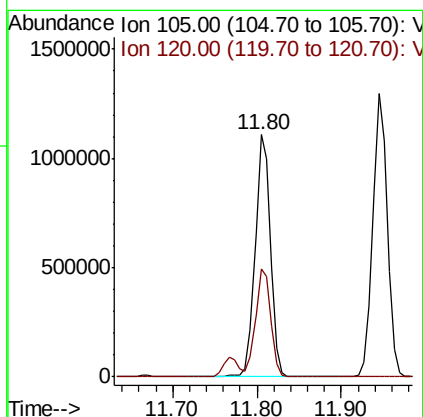
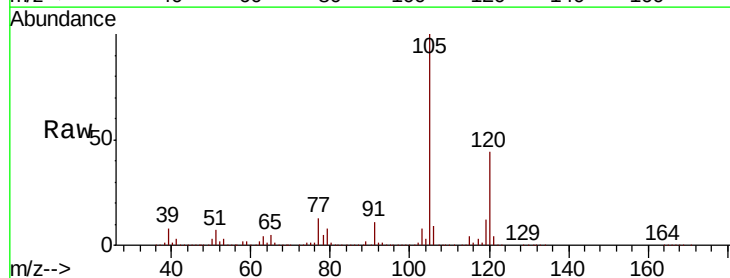
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

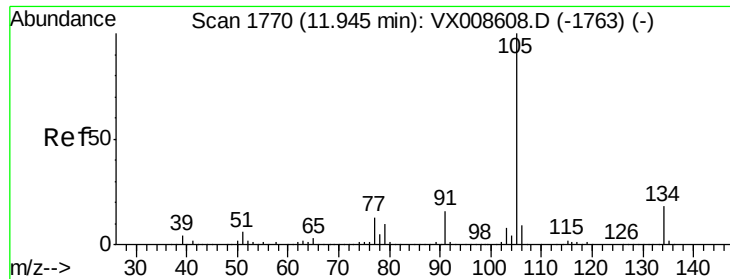
Tot Ion:119 Resp: 1319595
 Ion Ratio Lower Upper
 119 100
 91 58.0 30.0 90.1
 134 21.6 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 137.713 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008610.D
 Acq: 03 Apr 2019 11:29

Tgt Ion:105 Resp: 1351437
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.8 65.3





#85

sec-Butylbenzene

Concen: 140.436 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

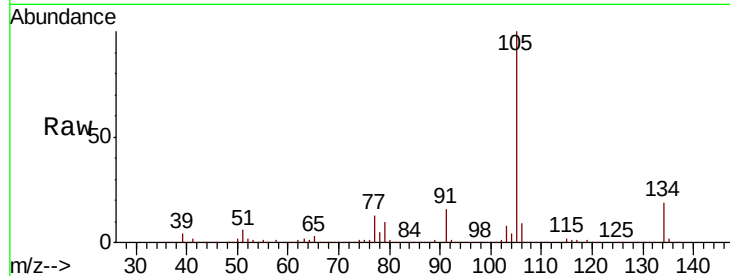
VSTDIC150

Tot Ion:105 Resp: 1555374

Ion Ratio Lower Upper

105 100

134 19.2 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

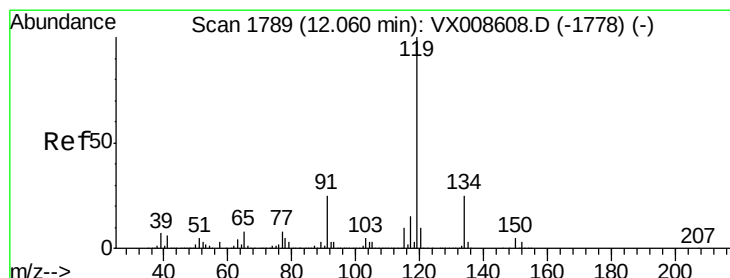
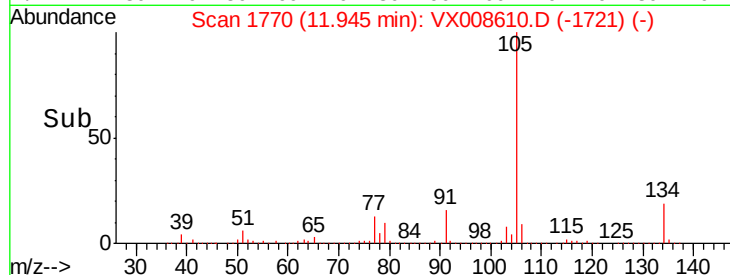
1500000

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 141.968 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

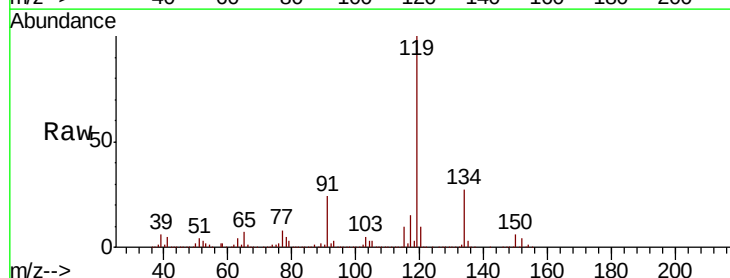
Tgt Ion:119 Resp: 1411252

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

91 24.1 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

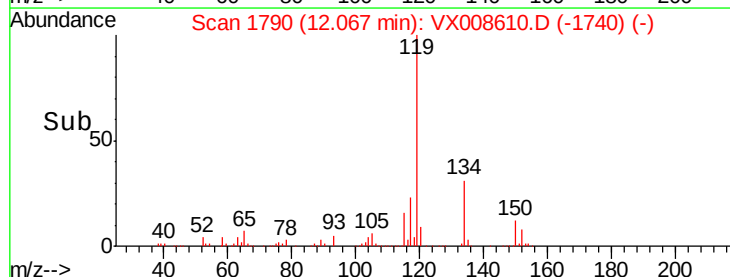
1500000

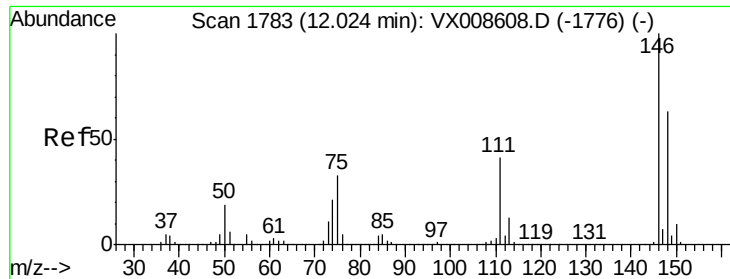
1000000

500000

0

Time-->

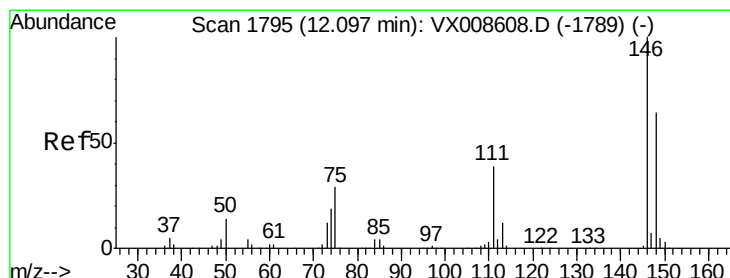
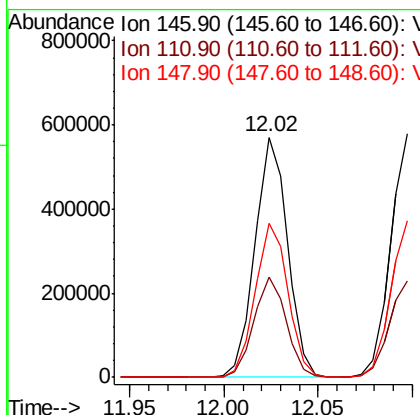
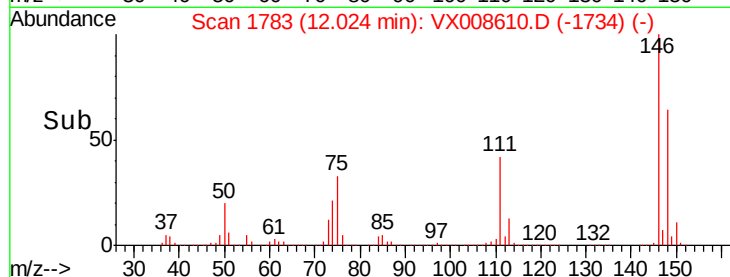
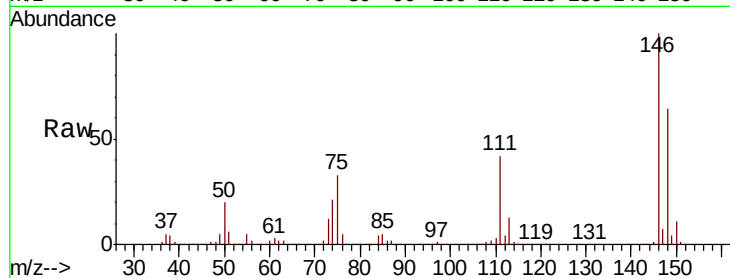




#87
 1,3-Dichlorobenzene
 Concen: 137.663 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008610.D
 Acq: 03 Apr 2019 11:29

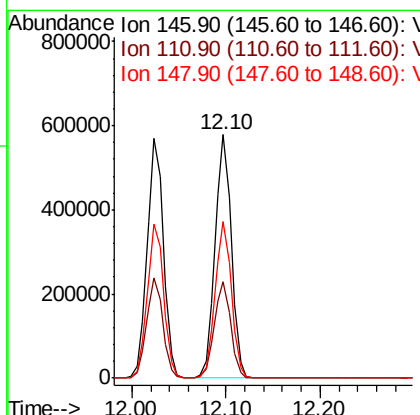
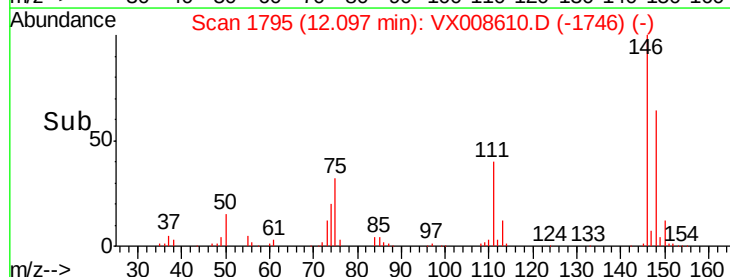
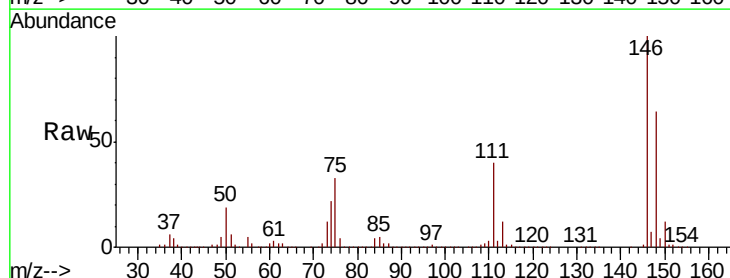
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

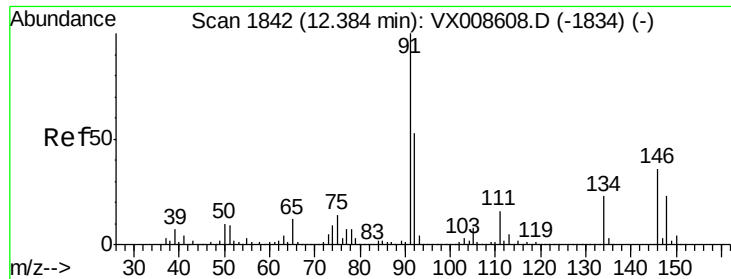
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.5	61.5
148	64.3	31.6	94.7



#88
 1,4-Dichlorobenzene
 Concen: 137.678 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008610.D
 Acq: 03 Apr 2019 11:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.2	60.6
148	63.9	32.0	96.0





#89

n-Butylbenzene

Concen: 148.199 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

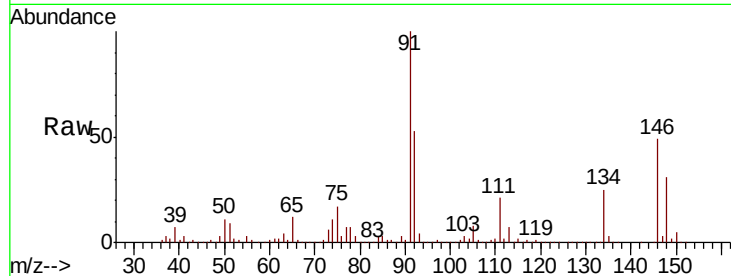
Tot Ion: 91 Resp: 1381583

Ion Ratio Lower Upper

91 100

92 53.4 26.4 79.2

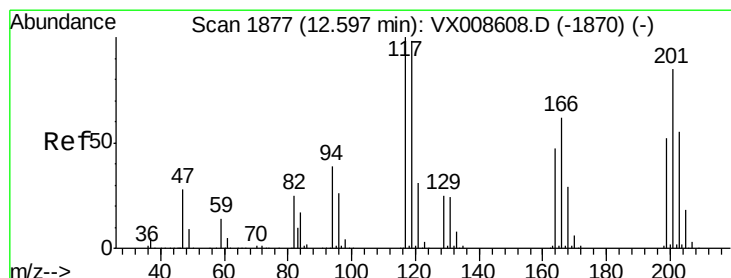
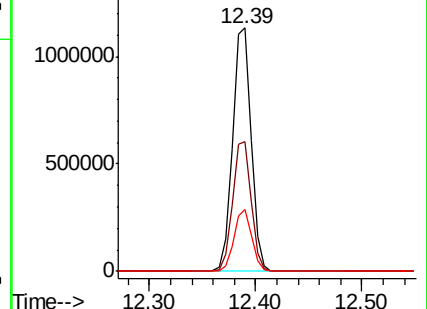
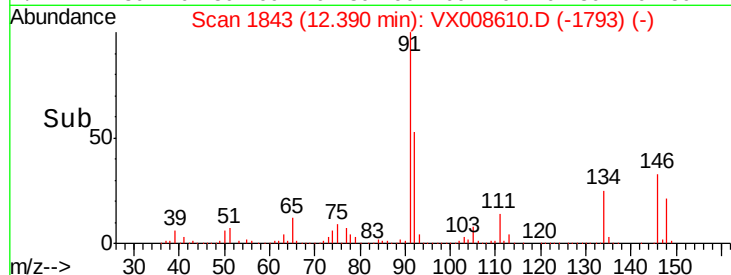
134 24.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX008610.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX008610.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX008610.D (-1793) (-)



#90

Hexachloroethane

Concen: 152.387 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008610.D

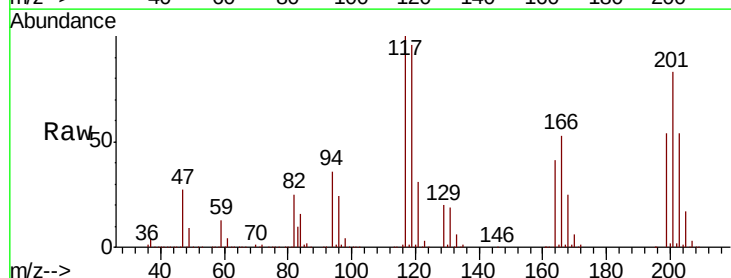
Acq: 03 Apr 2019 11:29

Tgt Ion: 117 Resp: 251248

Ion Ratio Lower Upper

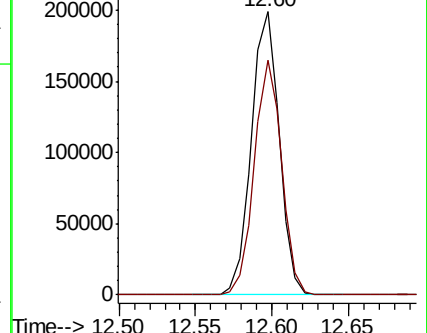
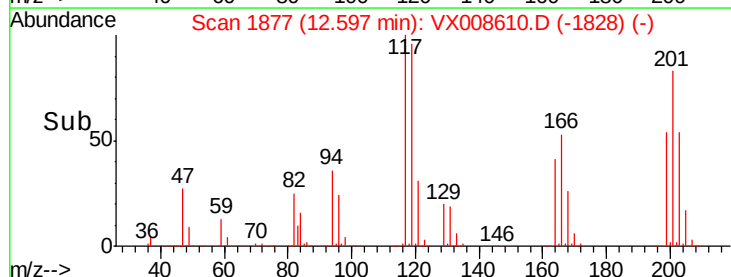
117 100

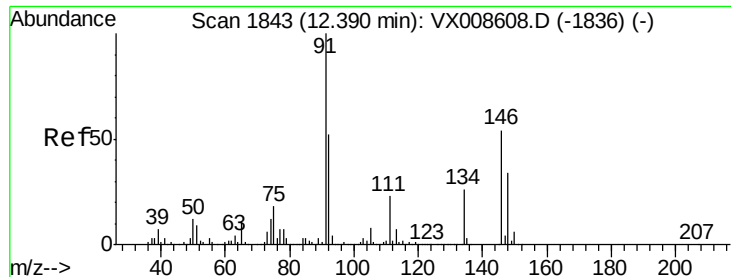
201 81.6 40.6 122.0



Abundance Ion 116.80 (116.50 to 117.50): VX008610.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX008610.D (-1828) (-)





#91

1,2-Dichlorobenzene

Concen: 138.164 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

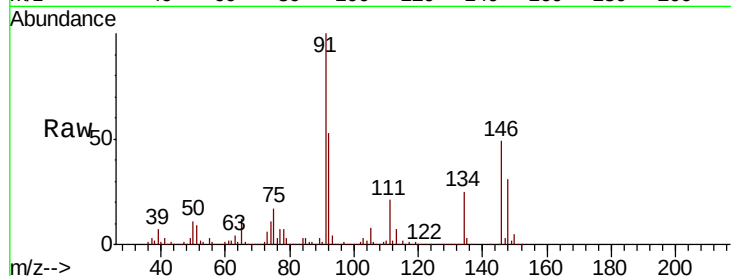
Tot Ion:146 Resp: 681639

Ion Ratio Lower Upper

146 100

111 42.7 21.3 63.9

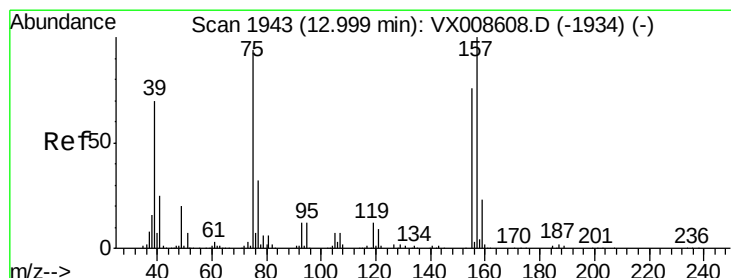
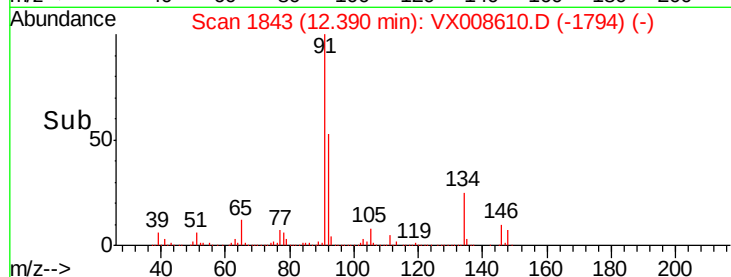
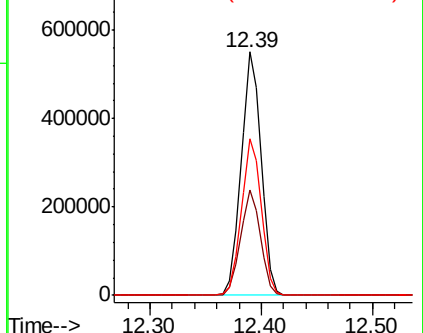
148 64.2 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 144.999 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

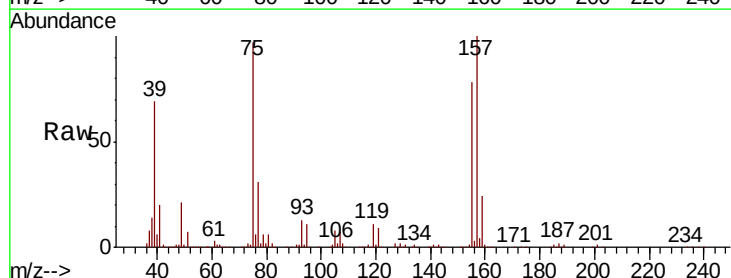
Tgt Ion: 75 Resp: 140060

Ion Ratio Lower Upper

75 100

155 80.2 39.9 119.6

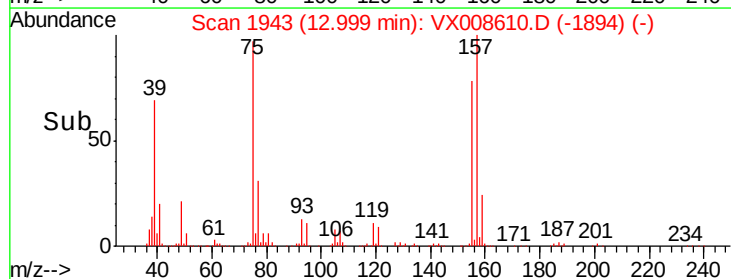
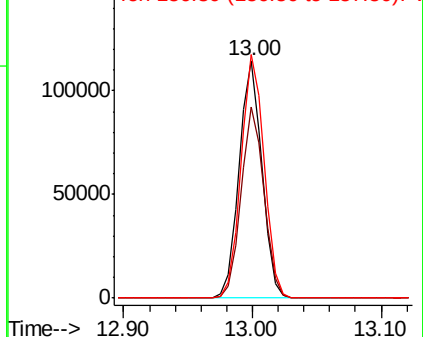
157 103.1 51.5 154.7

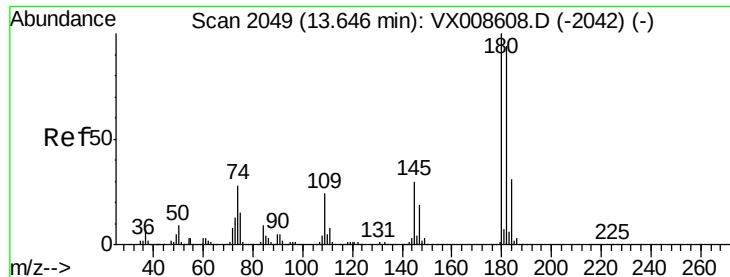


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

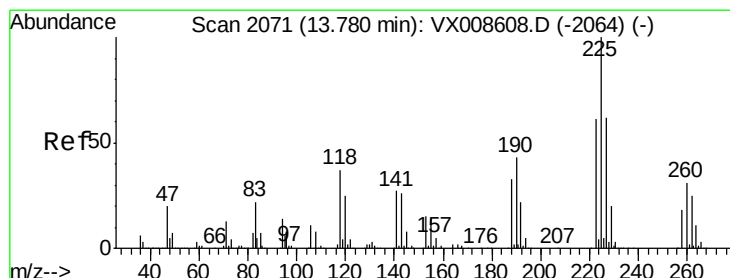
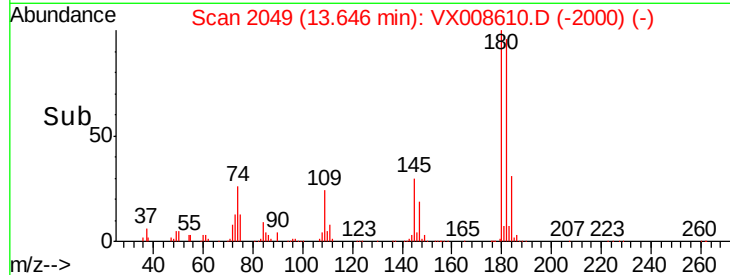
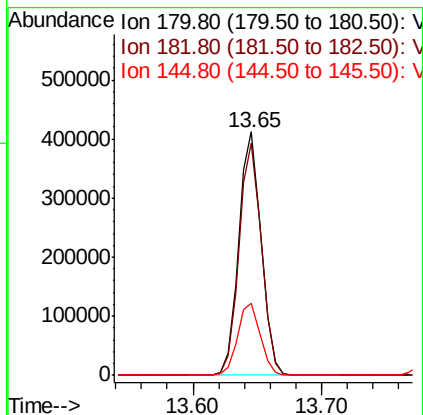
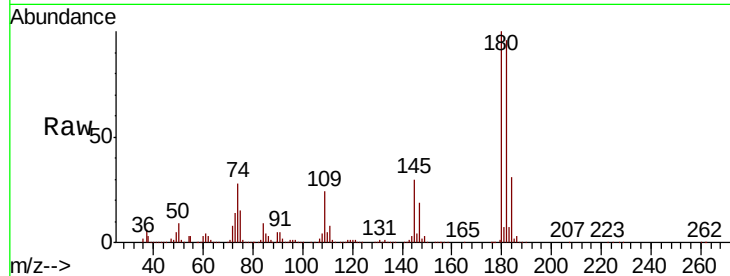




#93
 1,2,4-Trichlorobenzene
 Concen: 144.646 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008610.D
 Acq: 03 Apr 2019 11:29

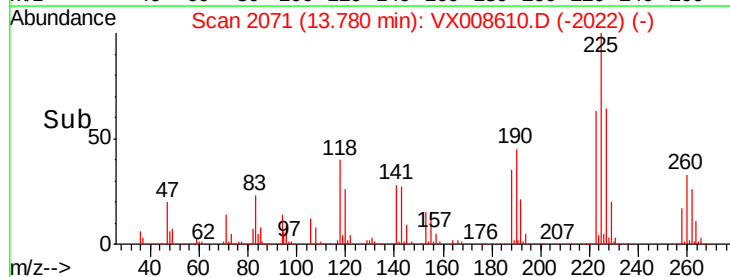
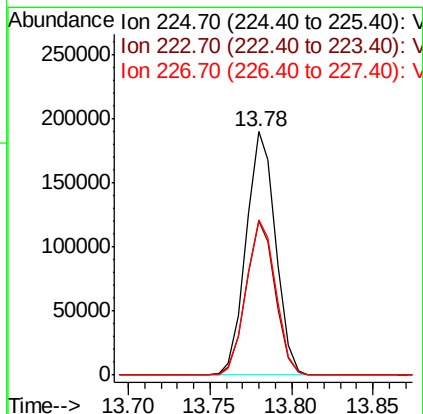
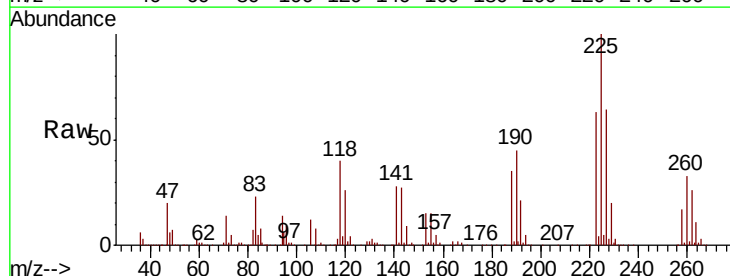
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

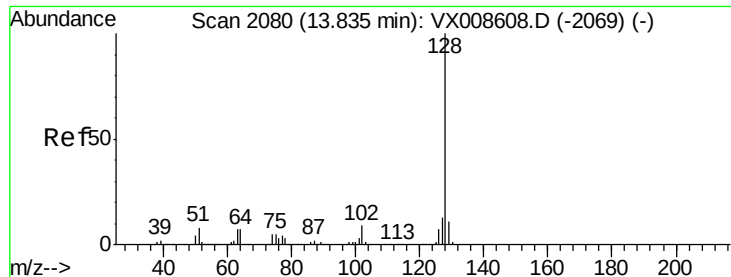
Tot Ion:180 Resp: 496172
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.2 141.6
 145 30.2 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 145.838 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008610.D
 Acq: 03 Apr 2019 11:29

Tgt Ion:225 Resp: 239917
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.2 93.6
 227 63.7 31.9 95.5





#95

Naphthalene

Concen: 143.585 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

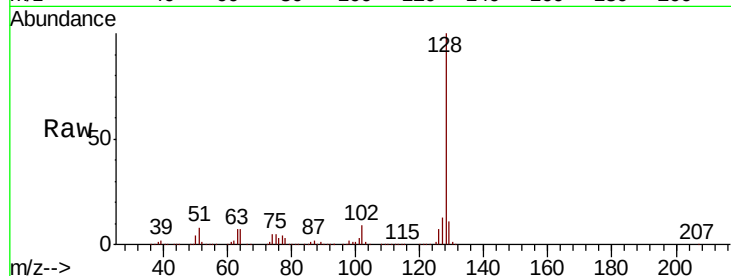
Tot Ion:128 Resp: 1646148

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

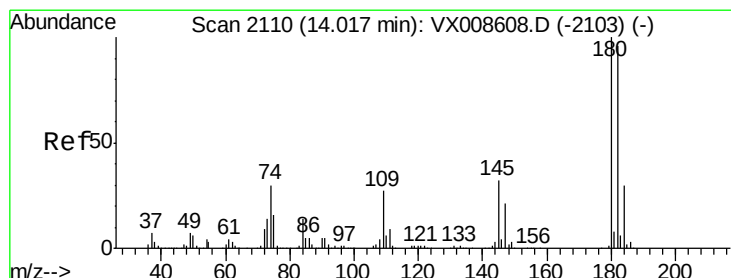
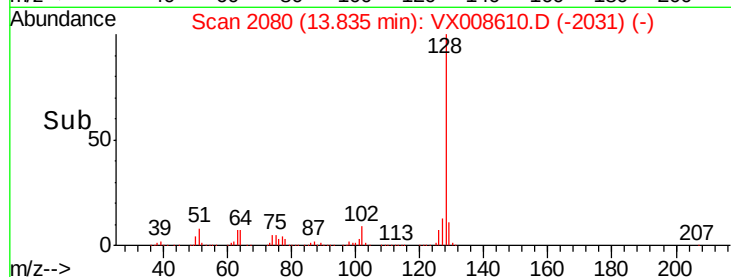
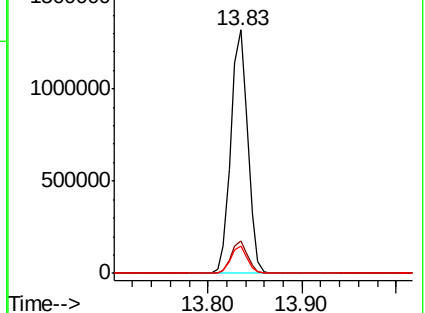
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 142.870 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008610.D

Acq: 03 Apr 2019 11:29

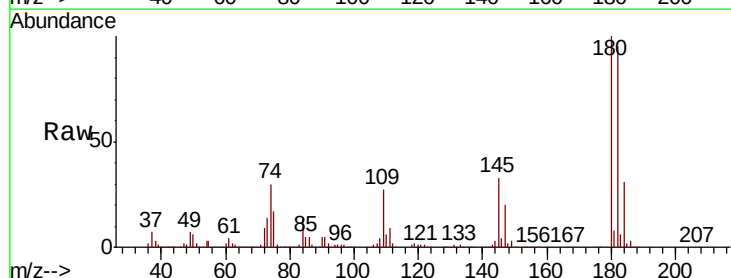
Tgt Ion:180 Resp: 489654

Ion Ratio Lower Upper

180 100

182 95.0 48.1 144.3

145 31.9 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

