

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
 Data File : VX012806.D
 Acq On : 04 Oct 2019 13:05
 Operator : JC/SP
 Sample : VX1004MBS01
 Misc : 5.0g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBS01

Quant Time: Oct 05 04:20:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	168629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	282875	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116930	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	110476	44.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.98%	
35) Dibromofluoromethane	5.49	113	86853	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
50) Toluene-d8	8.71	98	322821	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	11.14	95	123596	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	29440	15.519	ug/l	99
3) Chloromethane	1.32	50	33812	15.522	ug/l	99
4) Vinyl Chloride	1.40	62	33804	15.613	ug/l	97
5) Bromomethane	1.63	94	16910	19.864	ug/l	96
6) Chloroethane	1.72	64	21707	14.872	ug/l	98
7) Trichlorofluoromethane	1.92	101	50188	16.509	ug/l	97
8) Diethyl Ether	2.18	74	20168	16.189	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	33307	17.989	ug/l	95
10) Methyl Iodide	2.50	142	27093	17.467	ug/l	91
11) Tert butyl alcohol	3.03	59	54162	88.296	ug/l	98
12) 1,1-Dichloroethene	2.36	96	31200	17.209	ug/l	89
13) Acrolein	2.28	56	22306	72.838	ug/l	95
14) Allyl chloride	2.72	41	58199	16.179	ug/l	97
15) Acrylonitrile	3.13	53	106422	85.514	ug/l	99
16) Acetone	2.43	43	104216	80.125	ug/l	95
17) Carbon Disulfide	2.56	76	74381	14.634	ug/l	98
18) Methyl Acetate	2.76	43	53753	17.551	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	119537	17.419	ug/l	100
20) Methylene Chloride	2.84	84	38026	17.285	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	35228	17.538	ug/l	96
22) Diisopropyl ether	3.84	45	120116	17.281	ug/l	# 98
23) Vinyl Acetate	3.80	43	503870	82.665	ug/l	95
24) 1,1-Dichloroethane	3.69	63	65410	17.313	ug/l	98
25) 2-Butanone	4.66	43	152438	81.738	ug/l	93
26) 2,2-Dichloropropane	4.58	77	53977	16.063	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	40700	17.463	ug/l	94
28) Bromochloromethane	5.00	49	24052	17.532	ug/l	# 15
29) Tetrahydrofuran	5.12	42	94435	83.078	ug/l	94
30) Chloroform	5.20	83	67065	17.350	ug/l	96
31) Cyclohexane	5.58	56	57111	16.709	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	57380	16.749	ug/l	100
36) 1,1-Dichloropropene	5.79	75	48418	17.758	ug/l	97
37) Ethyl Acetate	4.83	43	56929	17.859	ug/l	96
38) Carbon Tetrachloride	5.78	117	48313	17.443	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58004	17.671	ug/l	98
40) Benzene	6.13	78	147875	18.433	ug/l	97
41) Methacrylonitrile	5.03	41	30282	16.931	ug/l	93
42) 1,2-Dichloroethane	6.19	62	55064	18.075	ug/l	97
43) Isopropyl Acetate	6.43	43	90609	16.997	ug/l	96
44) Trichloroethene	7.21	130	37653	18.359	ug/l	97
45) 1,2-Dichloropropane	7.51	63	38070	18.535	ug/l	96
46) Dibromomethane	7.65	93	25723	18.394	ug/l	97
47) Bromodichloromethane	7.89	83	49639	17.760	ug/l	96
48) Methyl methacrylate	7.76	41	42679	16.697	ug/l	92
49) 1,4-Dioxane	7.73	88	20538	354.245	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	291476	88.578	ug/l	97
52) Toluene	8.78	92	91450	18.137	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	53653	17.350	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	60165	17.820	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	38449	19.180	ug/l	97
56) Ethyl methacrylate	9.17	69	59861	17.775	ug/l	91
57) 1,3-Dichloropropane	9.37	76	65850	18.769	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	146606	96.980	ug/l	100
59) 2-Hexanone	9.48	43	218250	86.649	ug/l	94
60) Dibromochloromethane	9.58	129	36666	18.069	ug/l	98
61) 1,2-Dibromoethane	9.67	107	39972	19.160	ug/l	98
64) Tetrachloroethene	9.33	164	34890	19.750	ug/l	93
65) Chlorobenzene	10.14	112	98621	18.483	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	36093	18.670	ug/l	98
67) Ethyl Benzene	10.25	91	176033	18.190	ug/l	98
68) m/p-Xylenes	10.36	106	134520	37.107	ug/l	98
69) o-Xylene	10.70	106	64497	18.386	ug/l	100
70) Styrene	10.71	104	108889	18.517	ug/l	98
71) Bromoform	10.85	173	23604	17.535	ug/l #	97
73) Isopropylbenzene	11.01	105	174046	18.275	ug/l	100
74) N-amyl acetate	10.89	43	74914	16.489	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	57453	18.216	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	63805	20.628	ug/l	88
77) Bromobenzene	11.25	156	39975	18.546	ug/l	100
78) n-propylbenzene	11.35	91	188403	17.572	ug/l	98
79) 2-Chlorotoluene	11.42	91	120616	18.033	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	148304	18.570	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	16855	15.616	ug/l	100
82) 4-Chlorotoluene	11.51	91	137344	18.013	ug/l	99
83) tert-Butylbenzene	11.76	119	139275	18.079	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	146567	18.193	ug/l	100
85) sec-Butylbenzene	11.94	105	164963	18.410	ug/l	99
86) p-Isopropyltoluene	12.06	119	150578	18.624	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	71774	18.503	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	73365	18.717	ug/l	98
89) n-Butylbenzene	12.39	91	121239	17.017	ug/l	99
90) Hexachloroethane	12.59	117	23695	16.439	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	72027	18.547	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13326	16.890	ug/l	97

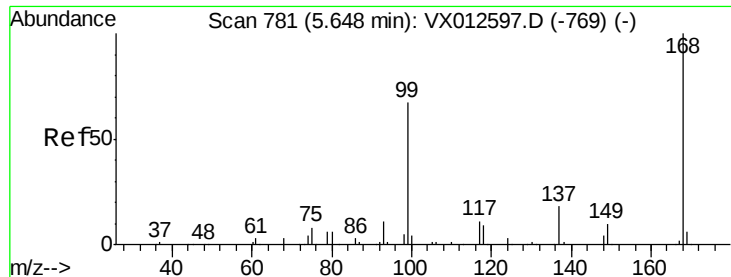
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	41160	17.379	ug/l	96
94) Hexachlorobutadiene	13.78	225	20362	19.985	ug/l	97
95) Naphthalene	13.83	128	154674	18.051	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	41918	17.669	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

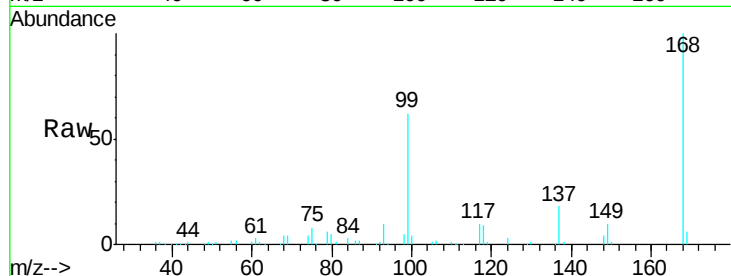
VX1004MBS01

Tgt Ion:168 Resp: 168629

Ion Ratio Lower Upper

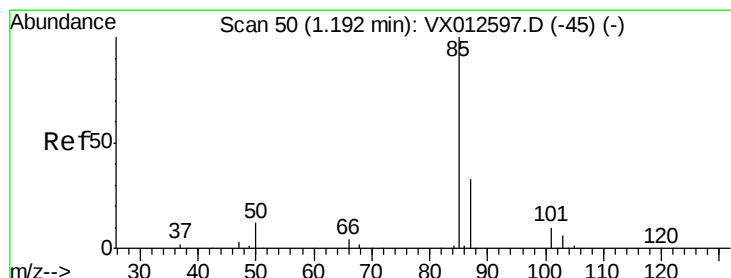
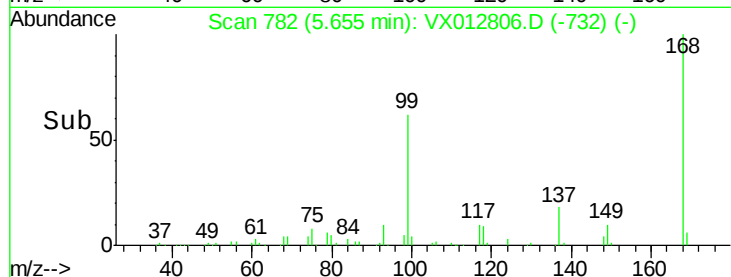
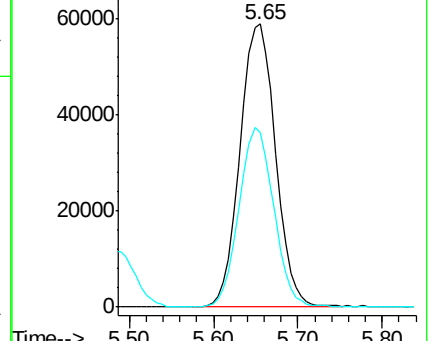
168 100

99 61.6 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.519 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012806.D

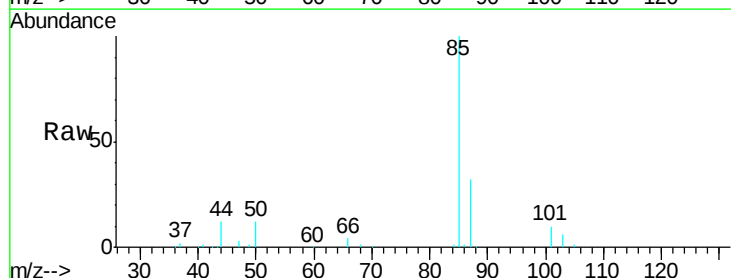
Acq: 04 Oct 2019 13:05

Tgt Ion: 85 Resp: 29440

Ion Ratio Lower Upper

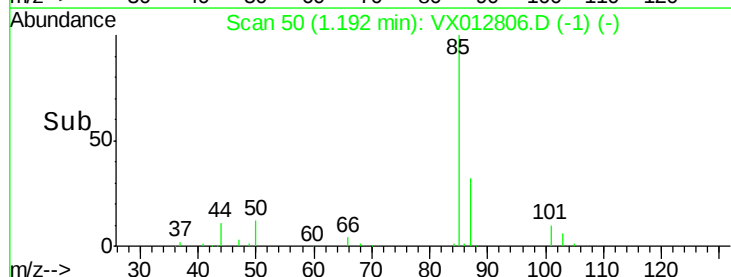
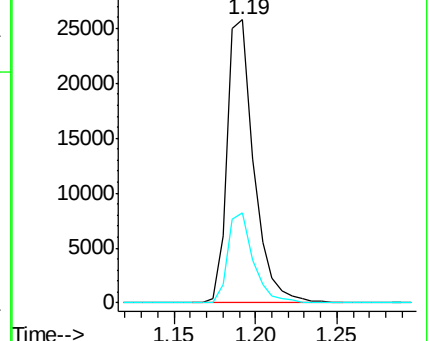
85 100

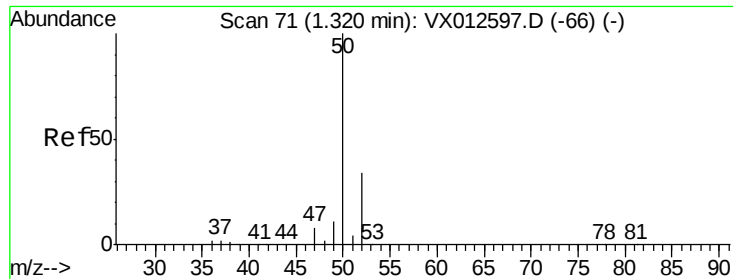
87 32.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.522 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

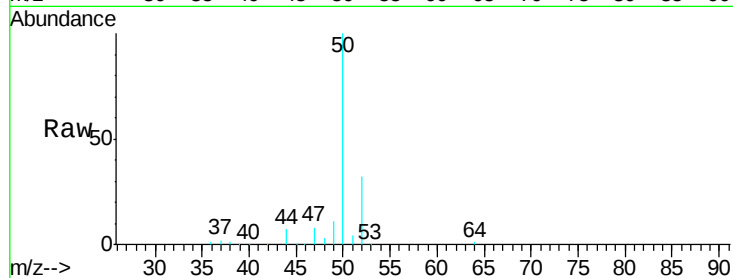
VX1004MBS01

Tgt Ion: 50 Resp: 33812

Ion Ratio Lower Upper

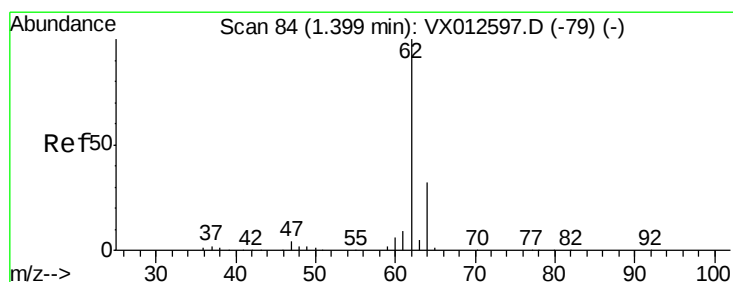
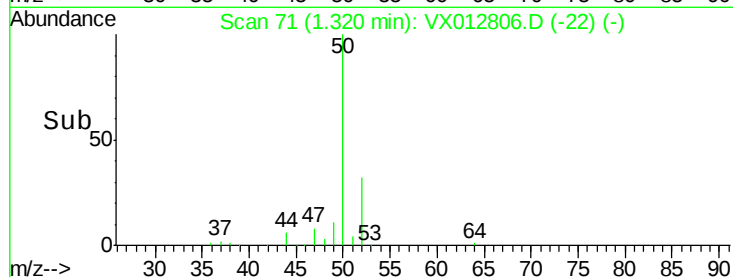
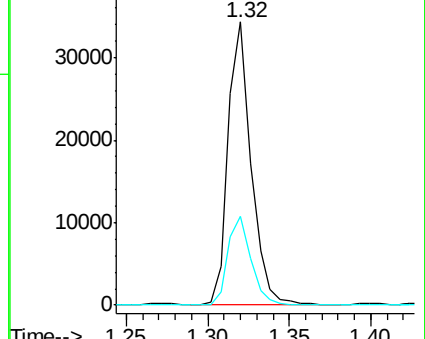
50 100

52 31.6 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 15.613 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012806.D

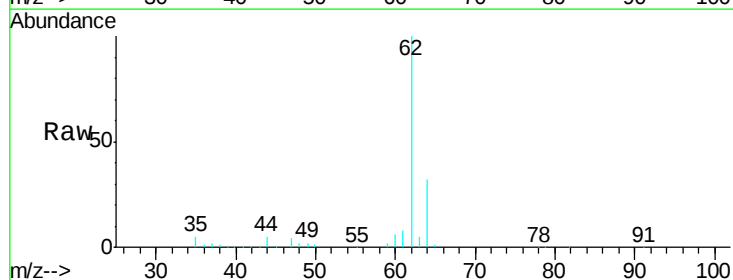
Acq: 04 Oct 2019 13:05

Tgt Ion: 62 Resp: 33804

Ion Ratio Lower Upper

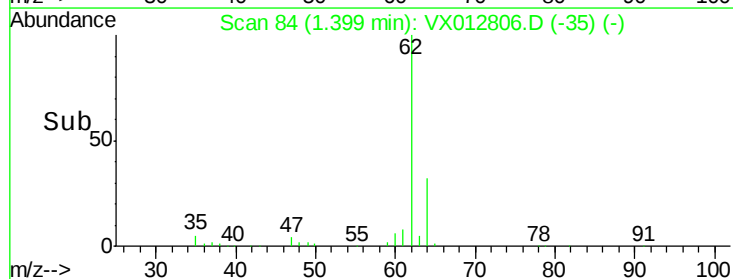
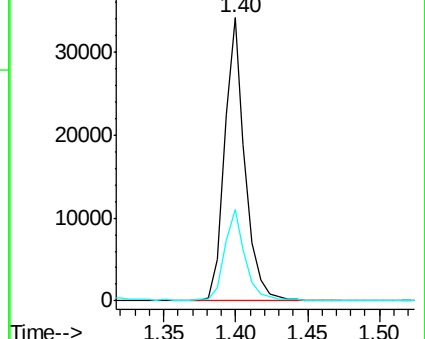
62 100

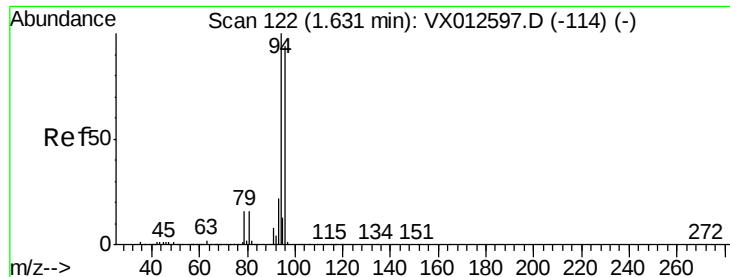
64 32.0 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.864 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

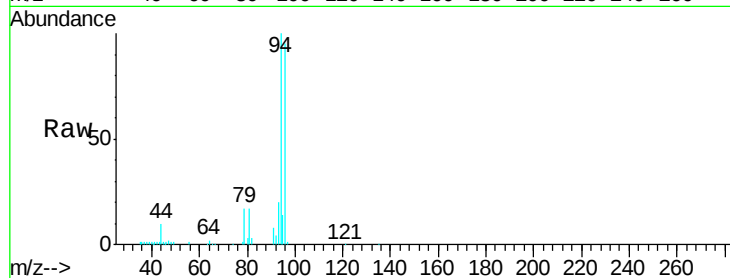
VX1004MBS01

Tgt Ion: 94 Resp: 16910

Ion Ratio Lower Upper

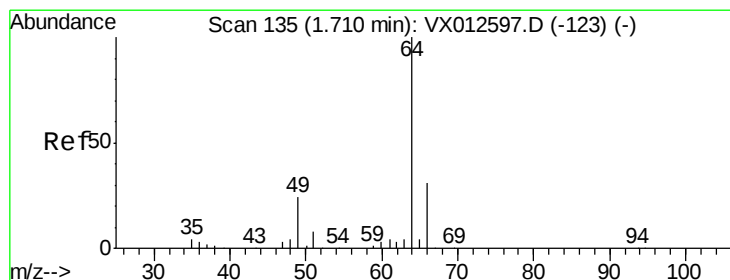
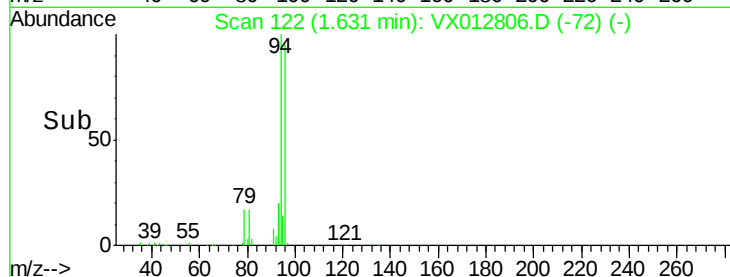
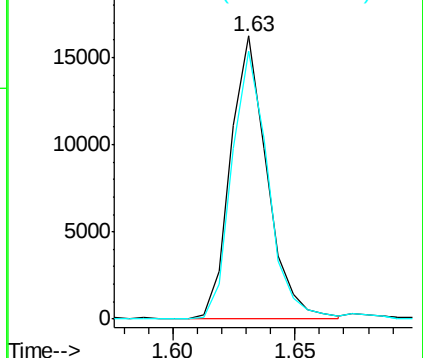
94 100

96 94.5 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 14.872 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012806.D

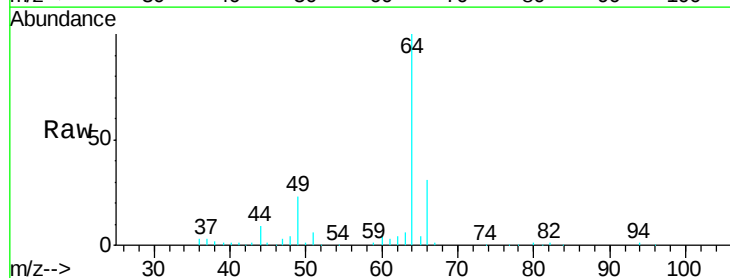
Acq: 04 Oct 2019 13:05

Tgt Ion: 64 Resp: 21707

Ion Ratio Lower Upper

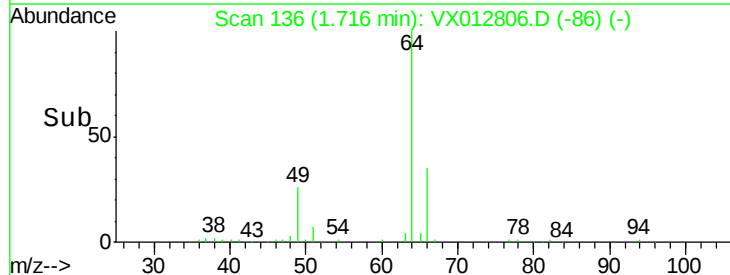
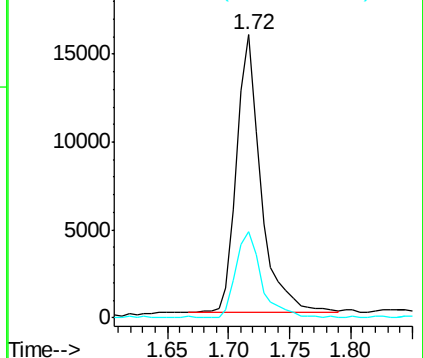
64 100

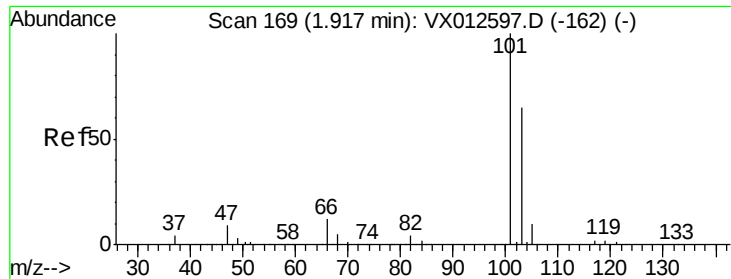
66 30.8 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



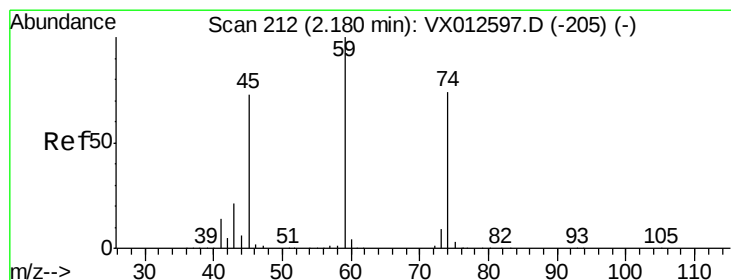
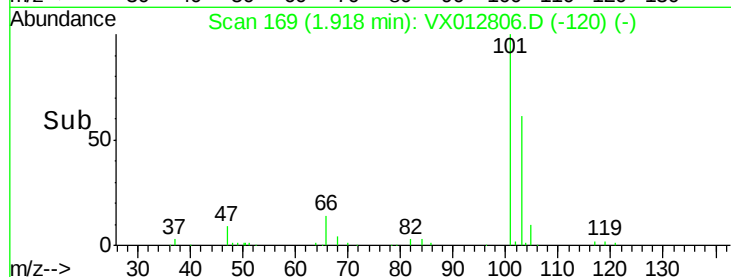
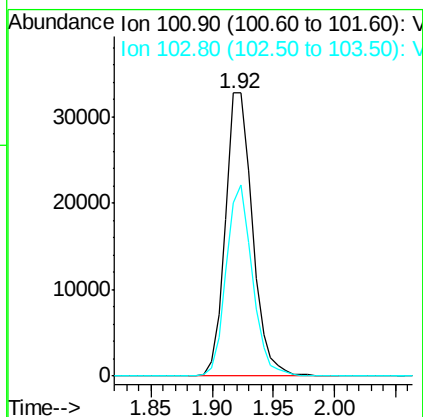
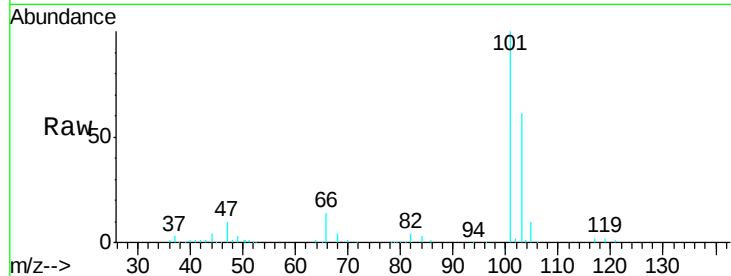


#7

Trichlorofluoromethane
 Concen: 16.509 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012806.D
 Acq: 04 Oct 2019 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBS01

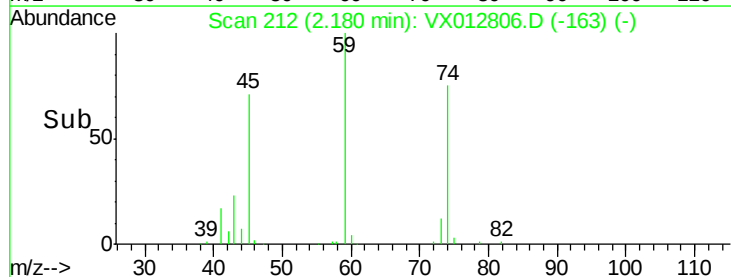
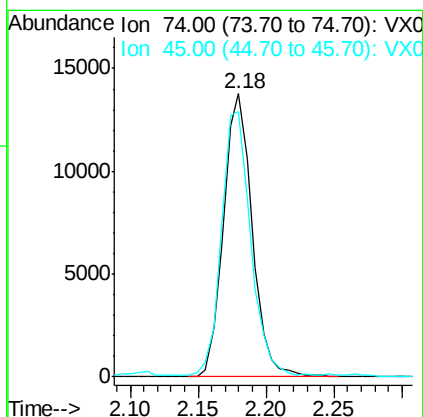
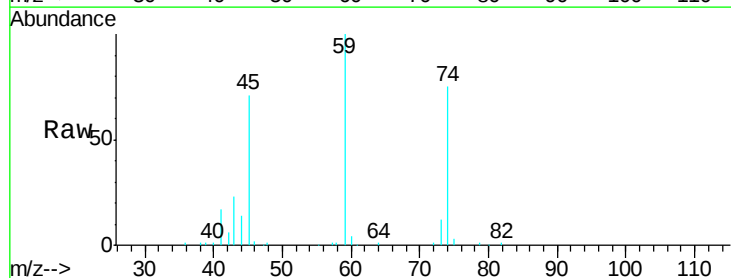
Tgt Ion:101 Resp: 50188
 Ion Ratio Lower Upper
 101 100
 103 61.4 51.0 76.4

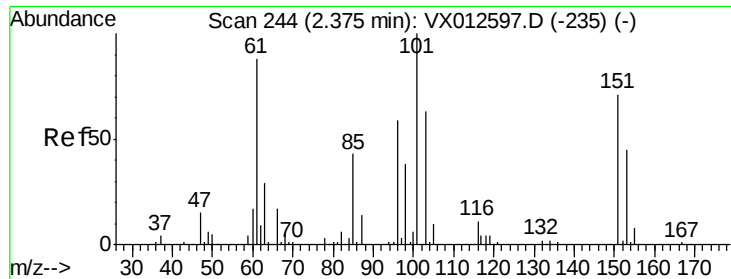


#8

Diethyl Ether
 Concen: 16.189 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012806.D
 Acq: 04 Oct 2019 13:05

Tgt Ion: 74 Resp: 20168
 Ion Ratio Lower Upper
 74 100
 45 94.6 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.989 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBS01

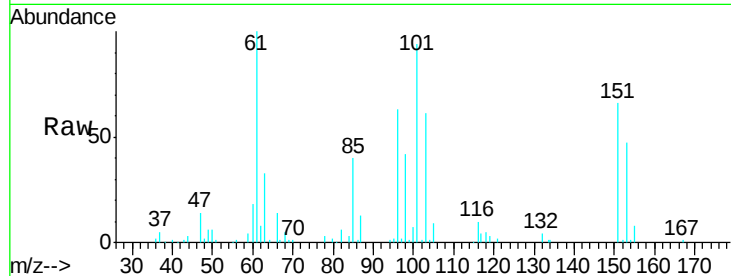
Tgt Ion:101 Resp: 33307

Ion Ratio Lower Upper

101 100

85 42.1 37.3 55.9

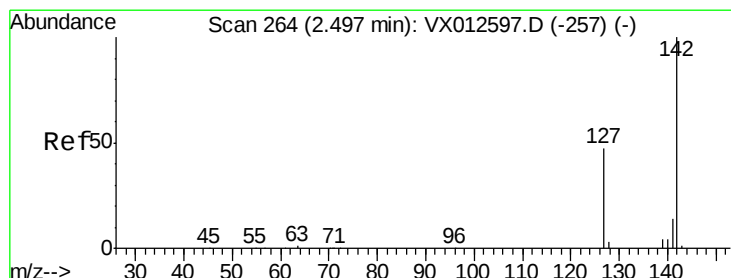
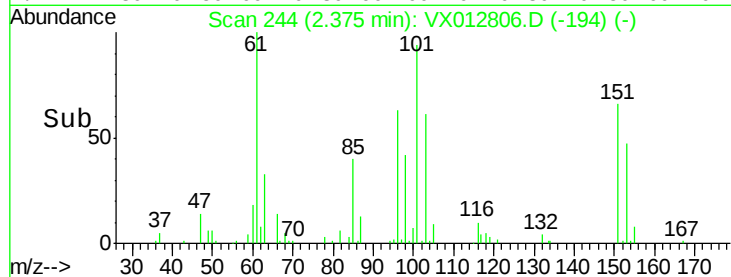
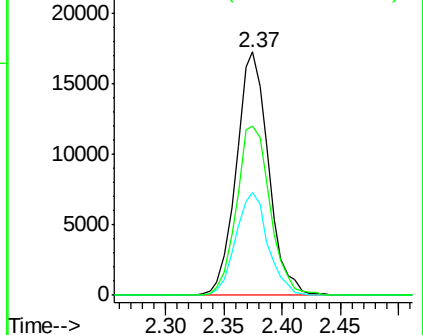
151 72.6 61.0 91.4



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: 17.467 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

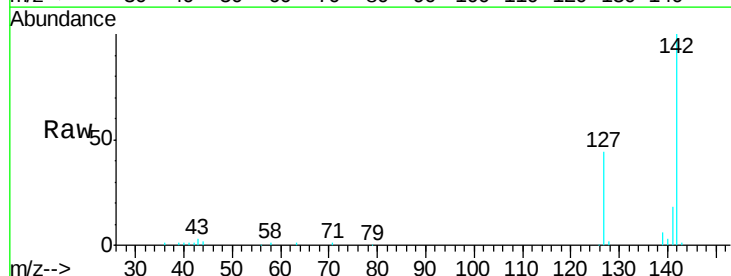
Tgt Ion:142 Resp: 27093

Ion Ratio Lower Upper

142 100

127 43.2 40.8 61.2

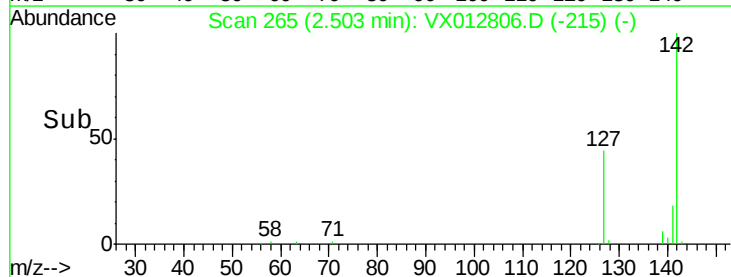
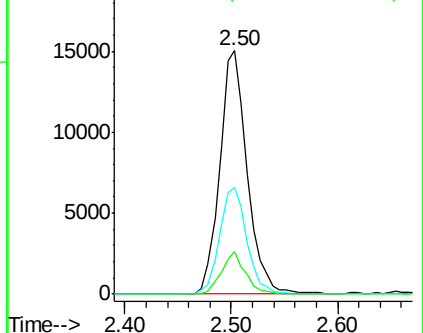
141 15.1 12.1 18.1

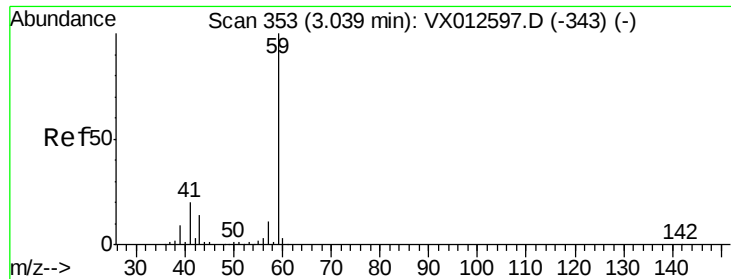


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

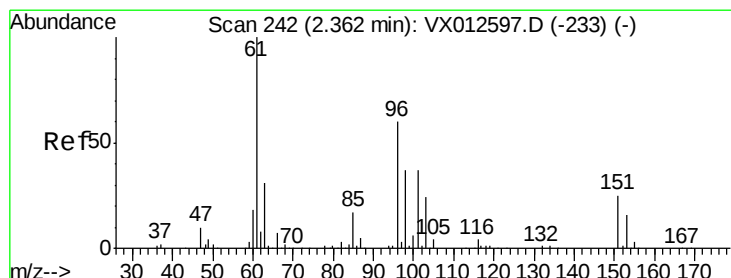
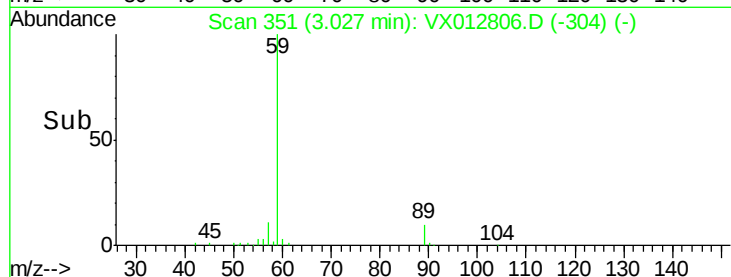
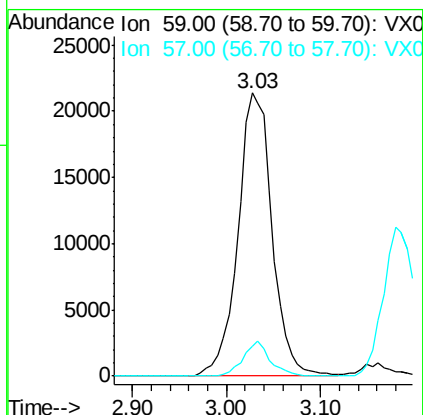
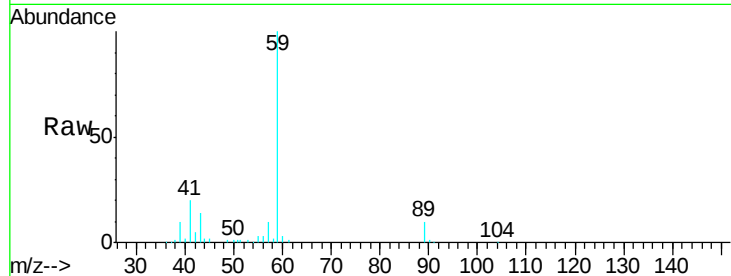




#11
Tert butyl alcohol
Concen: 88.296 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012806.D
Acq: 04 Oct 2019 13:05

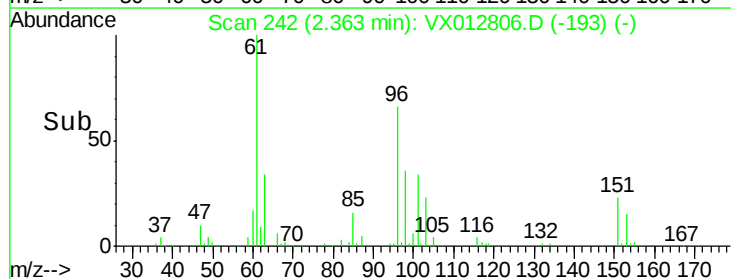
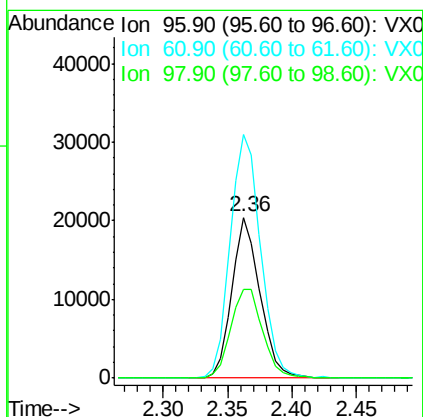
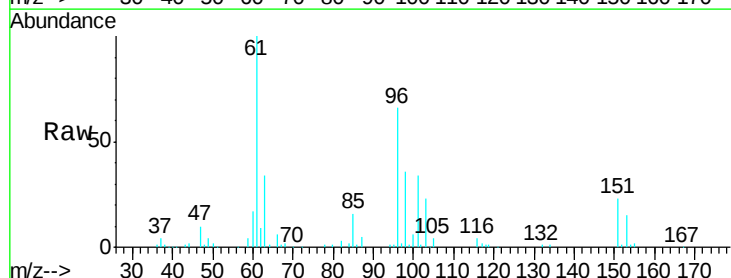
Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

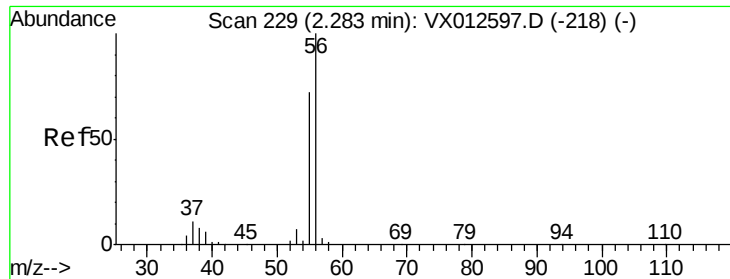
Tgt Ion: 59 Resp: 54162
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5



#12
1,1-Dichloroethene
Concen: 17.209 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012806.D
Acq: 04 Oct 2019 13:05

Tgt Ion: 96 Resp: 31200
Ion Ratio Lower Upper
96 100
61 151.3 133.8 200.6
98 54.9 49.9 74.9





#13

Acrolein

Concen: 72.838 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

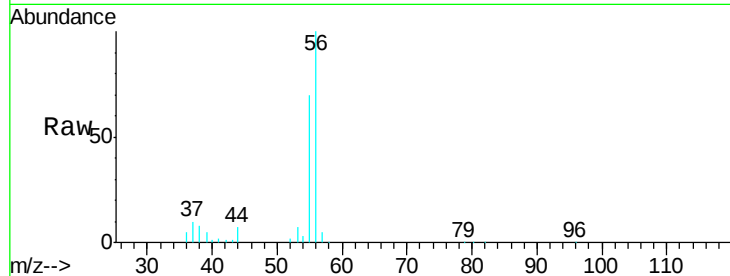
VX1004MBS01

Tgt Ion: 56 Resp: 22306

Ion Ratio Lower Upper

56 100

55 65.9 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

15000

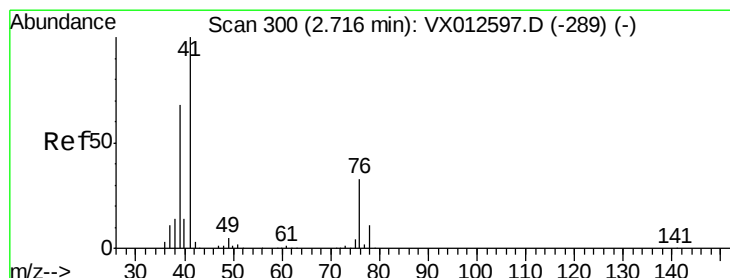
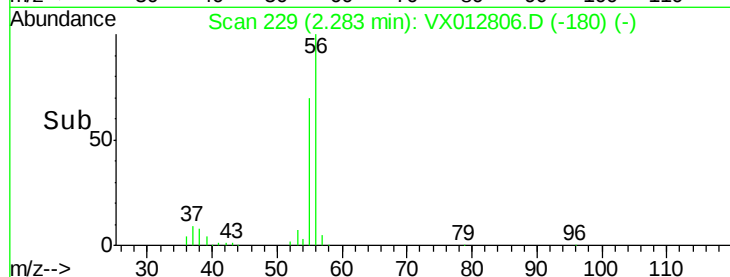
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 16.179 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

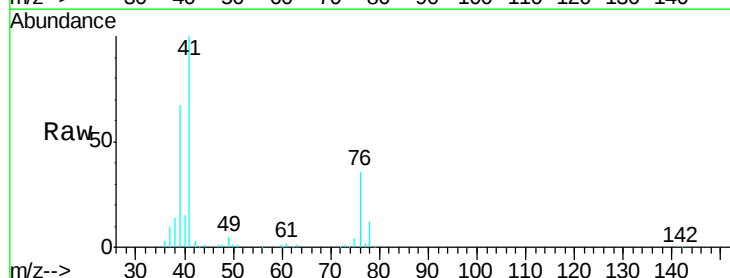
Tgt Ion: 41 Resp: 58199

Ion Ratio Lower Upper

41 100

39 63.2 51.3 76.9

76 32.2 22.6 33.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.72

40000

30000

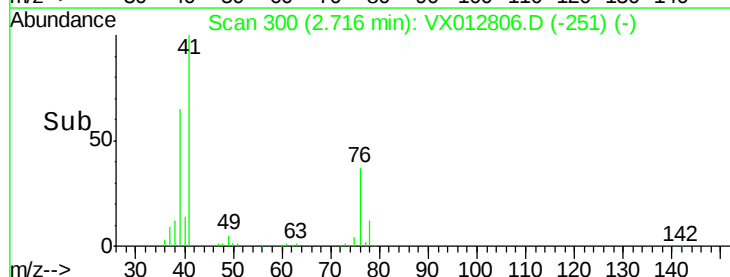
20000

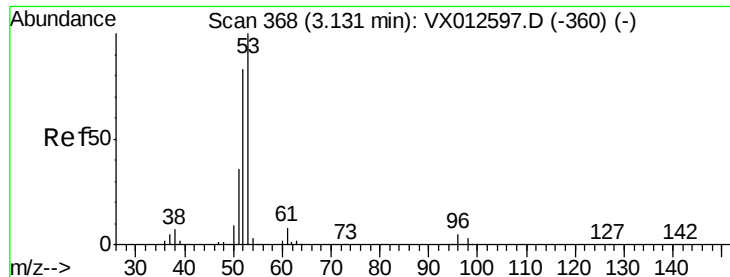
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 85.514 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBS01

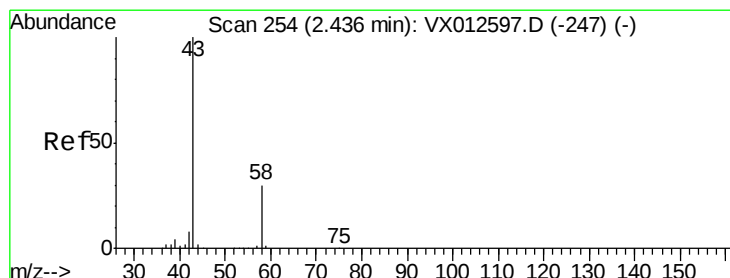
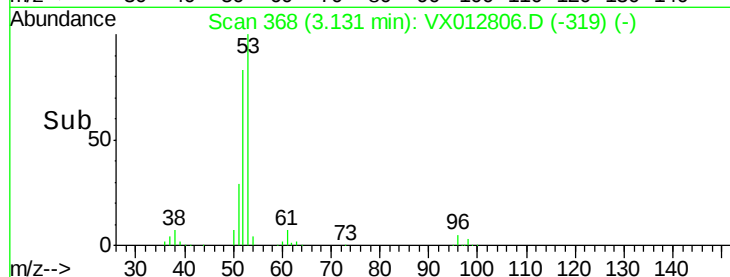
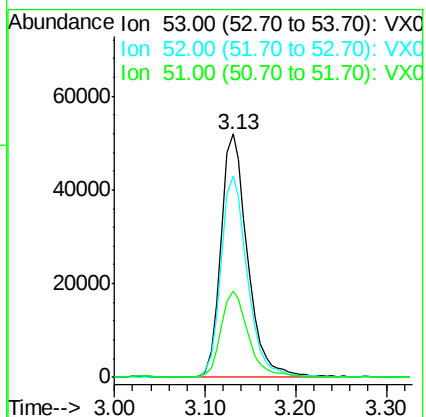
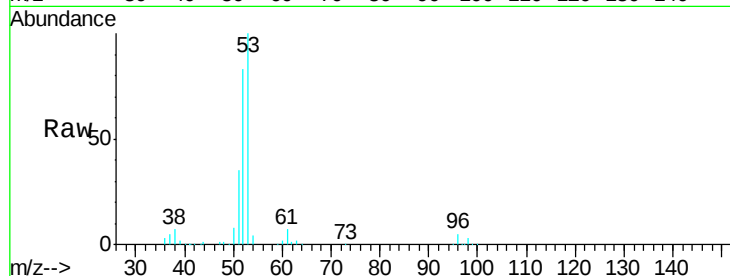
Tgt Ion: 53 Resp: 106422

Ion Ratio Lower Upper

53 100

52 82.7 67.0 100.4

51 36.2 29.6 44.4



#16

Acetone

Concen: 80.125 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012806.D

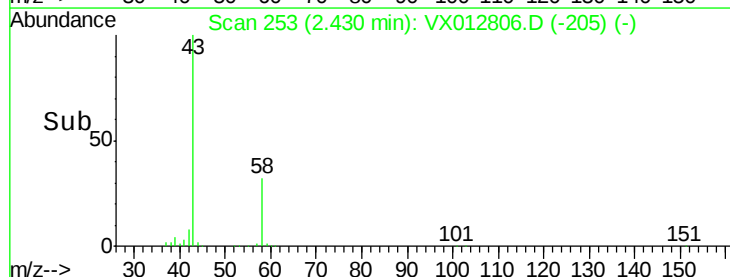
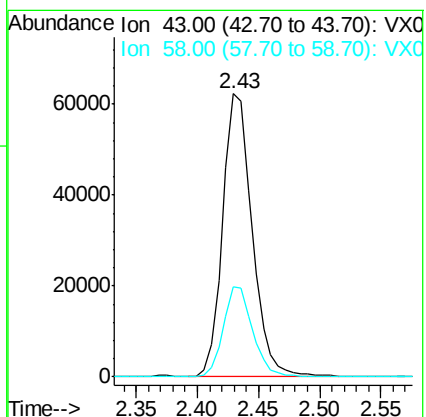
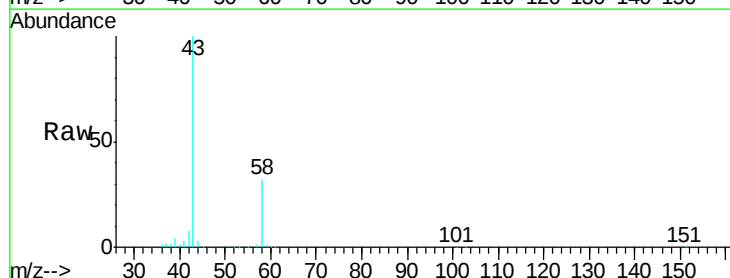
Acq: 04 Oct 2019 13:05

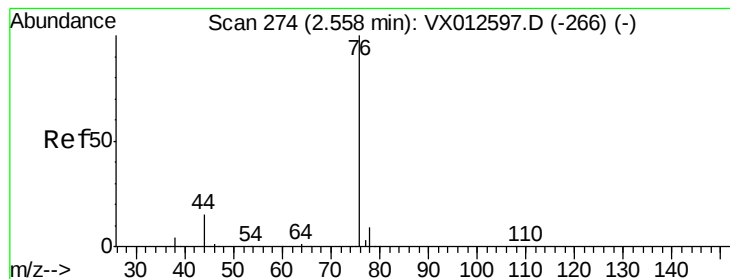
Tgt Ion: 43 Resp: 104216

Ion Ratio Lower Upper

43 100

58 32.0 23.3 34.9





#17

Carbon Disulfide

Concen: 14.634 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

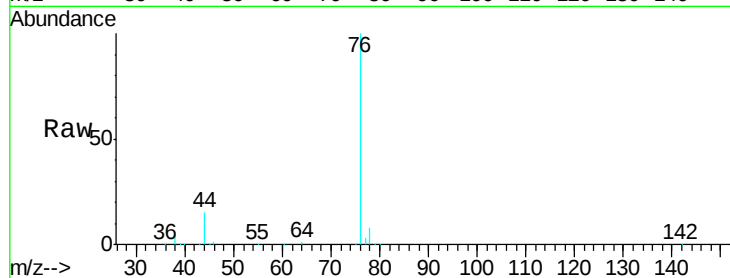
VX1004MBS01

Tgt Ion: 76 Resp: 74381

Ion Ratio Lower Upper

76 100

78 8.2 7.3 10.9

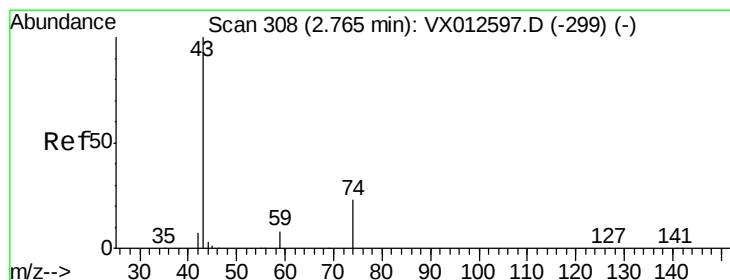
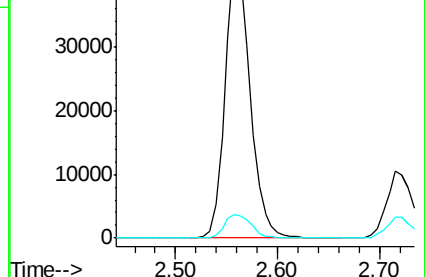
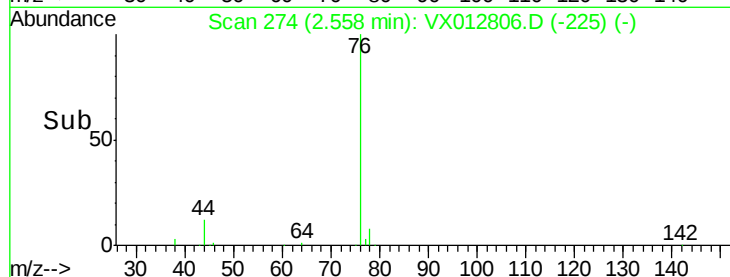


Abundance Ion 75.90 (75.60 to 76.60): VX012597.D (-266) (-)

Ion 77.90 (77.60 to 78.60): VX012597.D (-266) (-)

2.56

Time-->



#18

Methyl Acetate

Concen: 17.551 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012806.D

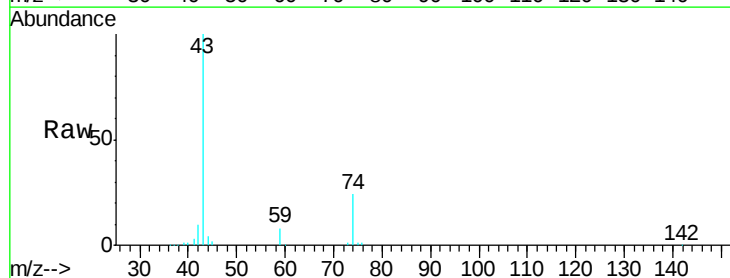
Acq: 04 Oct 2019 13:05

Tgt Ion: 43 Resp: 53753

Ion Ratio Lower Upper

43 100

74 23.6 17.7 26.5

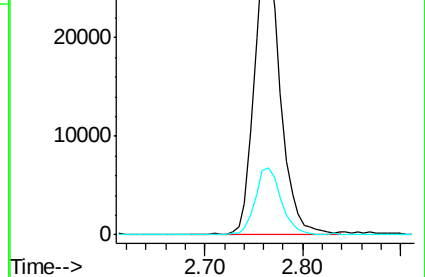
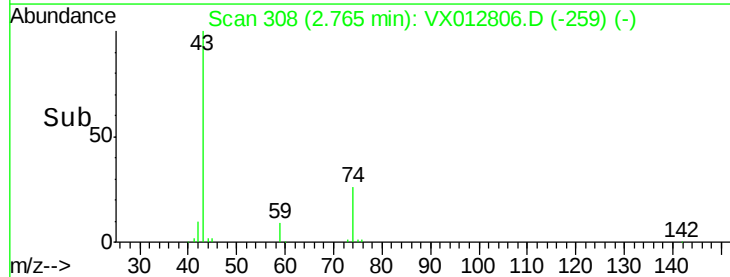


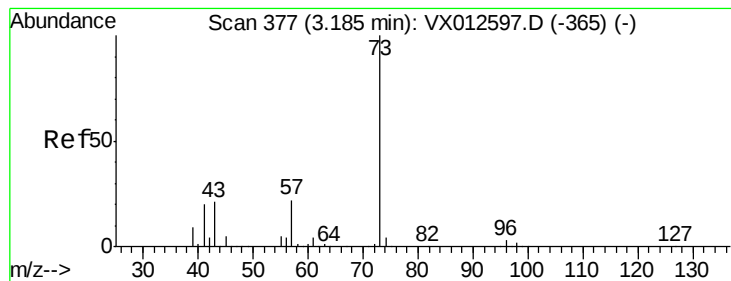
Abundance Ion 43.00 (42.70 to 43.70): VX012597.D (-299) (-)

Ion 74.00 (73.70 to 74.70): VX012597.D (-299) (-)

2.76

Time-->



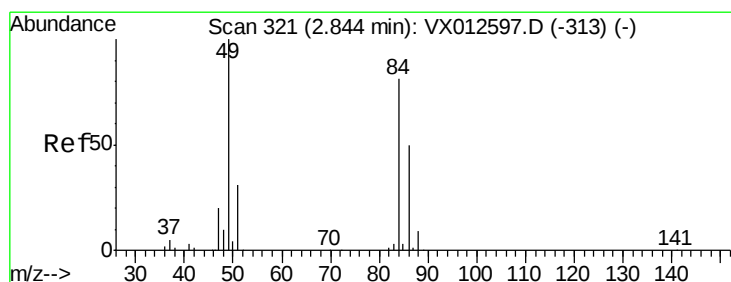
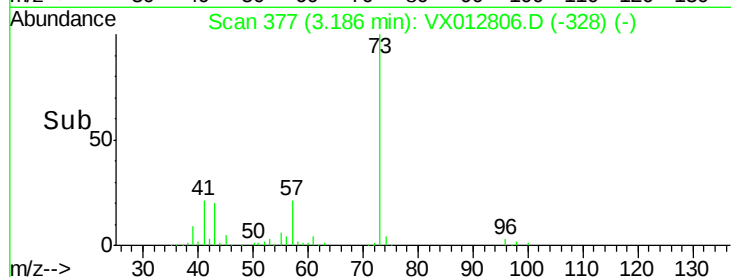
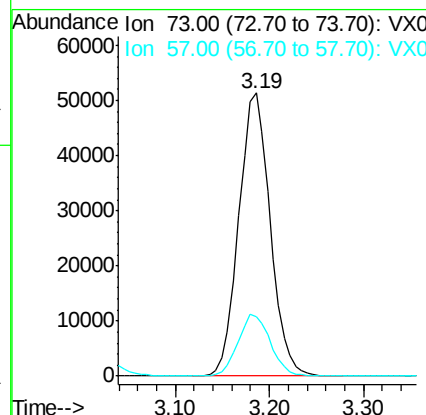
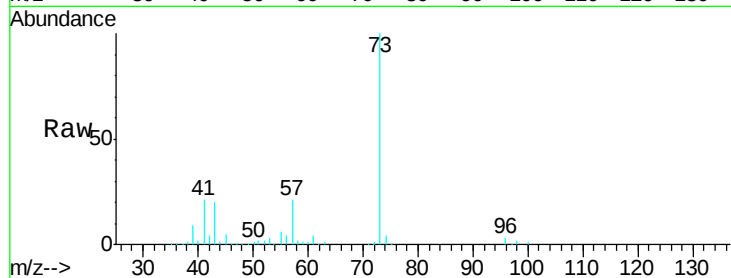


#19

Methyl tert-butyl Ether
 Concen: 17.419 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX012806.D
 Acq: 04 Oct 2019 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBS01

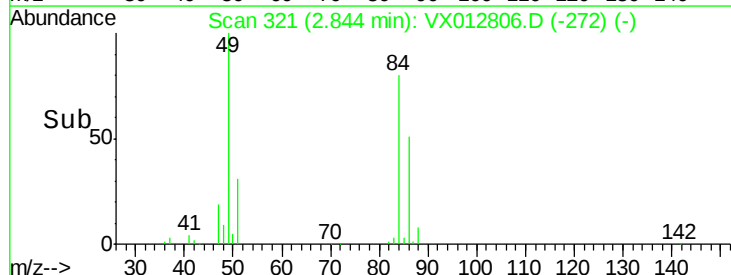
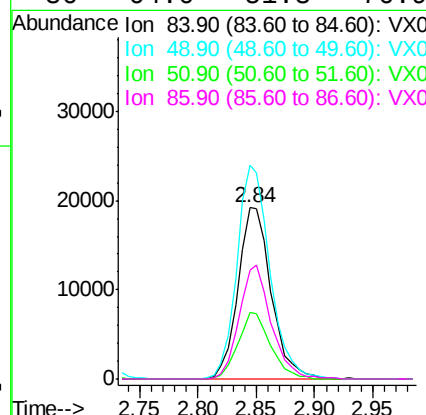
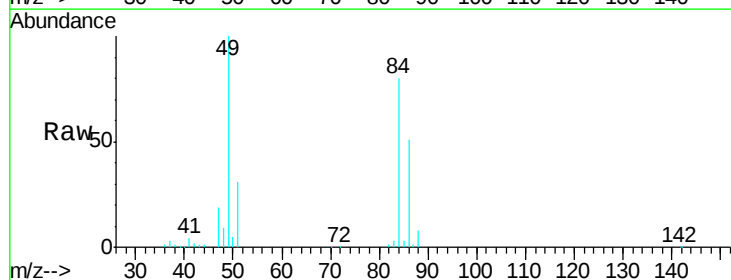
Tgt Ion: 73 Resp: 119537
 Ion Ratio Lower Upper
 73 100
 57 21.1 16.8 25.2

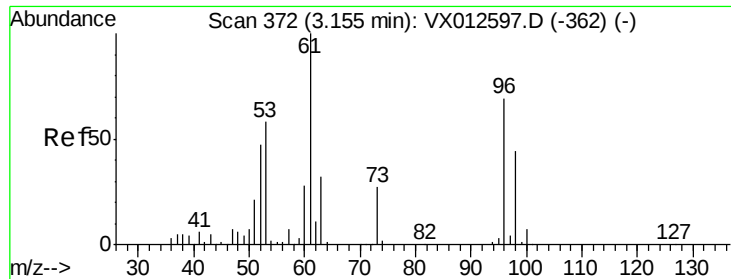


#20

Methylene Chloride
 Concen: 17.285 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012806.D
 Acq: 04 Oct 2019 13:05

Tgt Ion: 84 Resp: 38026
 Ion Ratio Lower Upper
 84 100
 49 124.9 106.8 160.2
 51 38.8 32.3 48.5
 86 64.0 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 17.538 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBS01

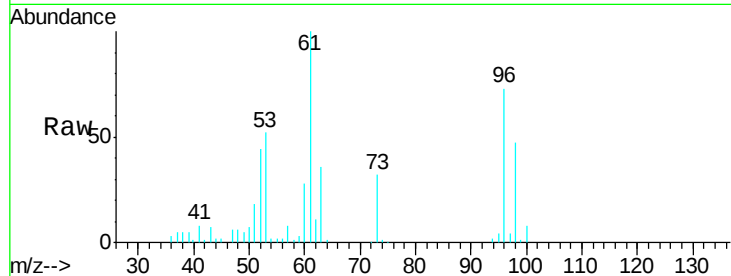
Tgt Ion: 96 Resp: 35228

Ion Ratio Lower Upper

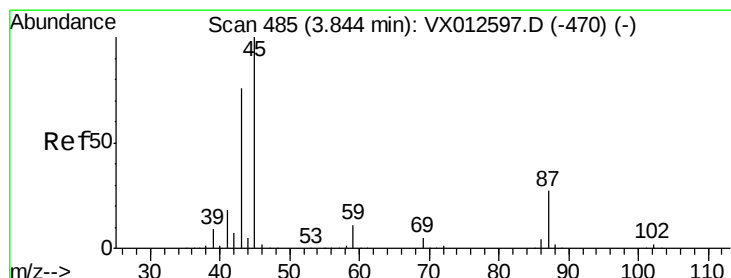
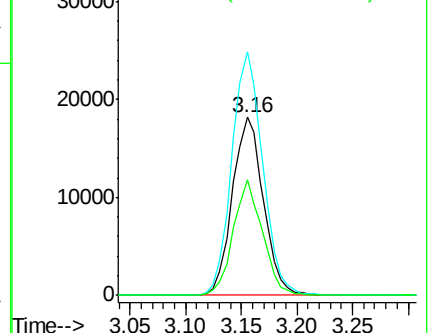
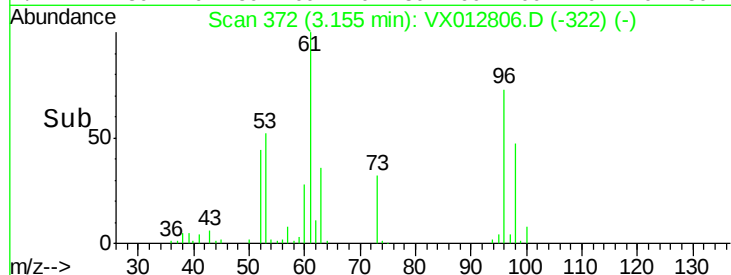
96 100

61 136.7 112.0 168.0

98 64.6 47.8 71.8



Abundance Ion 95.90 (95.60 to 96.60): VX012806.D (-322) (-)



#22

Diisopropyl ether

Concen: 17.281 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Tgt Ion: 45 Resp: 120116

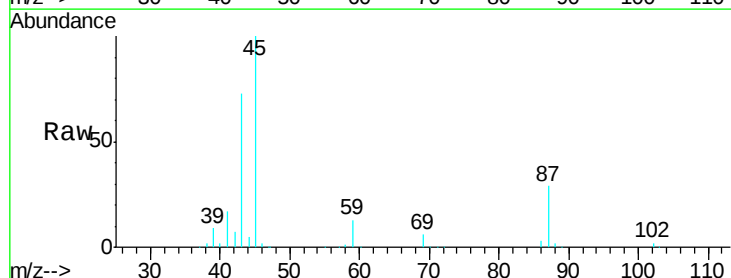
Ion Ratio Lower Upper

45 100

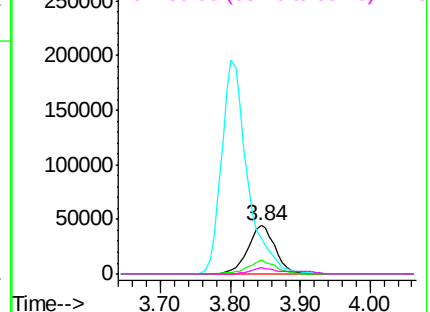
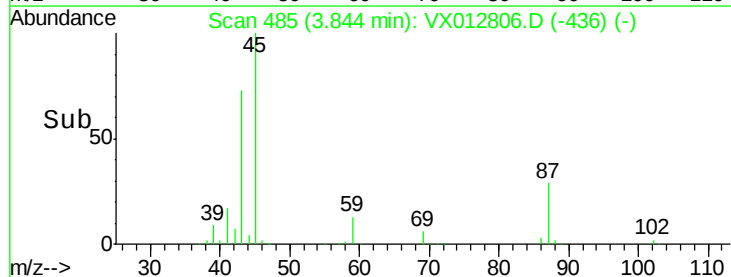
43 72.5 57.8 86.8

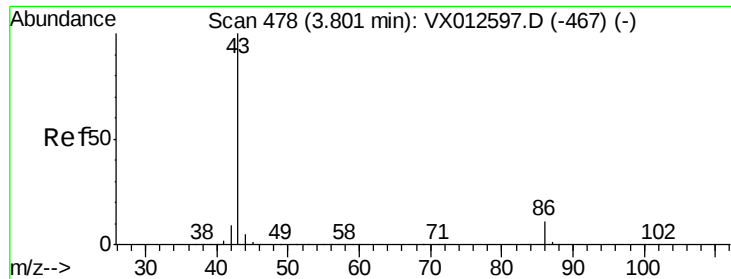
87 29.3 21.3 31.9

59 13.0 8.5 12.7#



Abundance Ion 45.00 (44.70 to 45.70): VX012806.D (-436) (-)





#23

Vinyl Acetate

Concen: 82.665 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

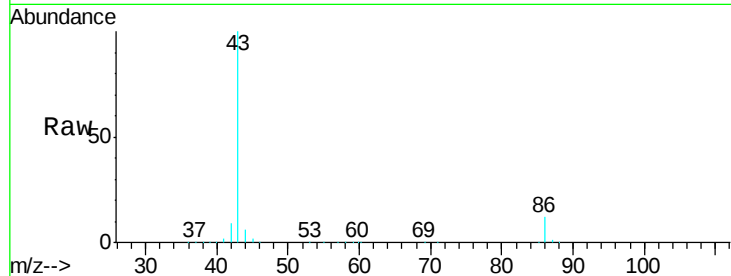
VX1004MBS01

Tgt Ion: 43 Resp: 503870

Ion Ratio Lower Upper

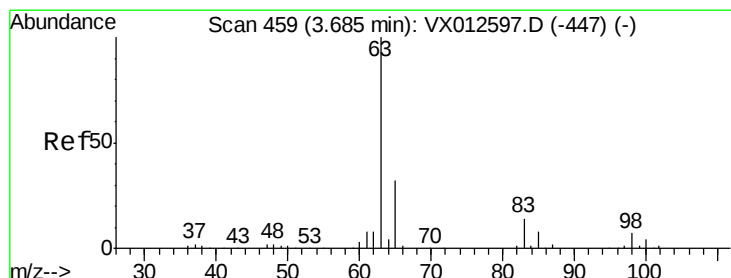
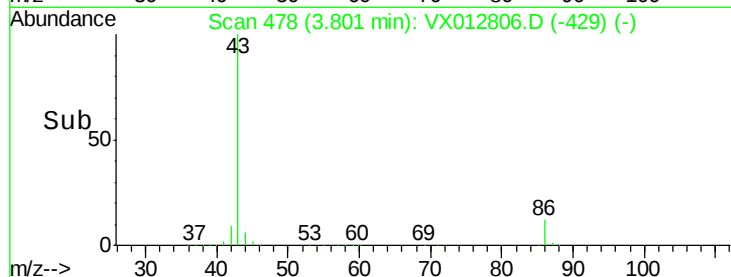
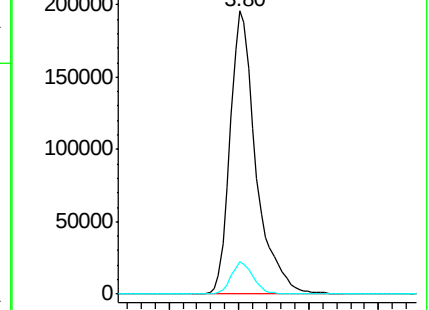
43 100

86 11.5 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.313 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

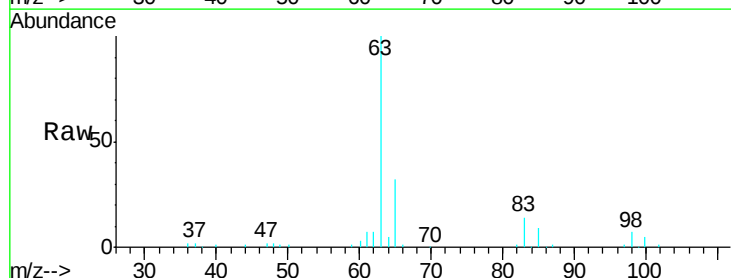
Tgt Ion: 63 Resp: 65410

Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.7

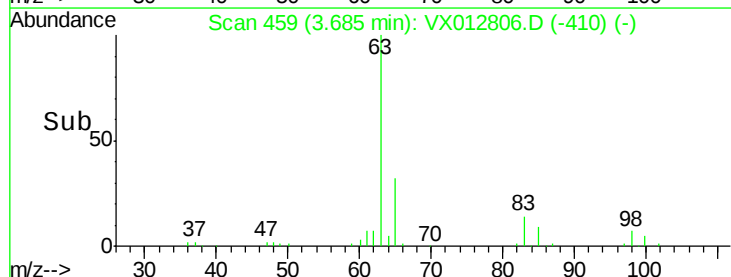
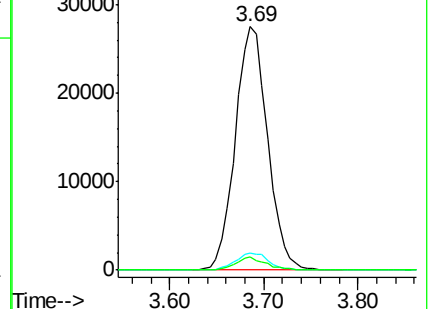
100 5.2 2.3 6.9

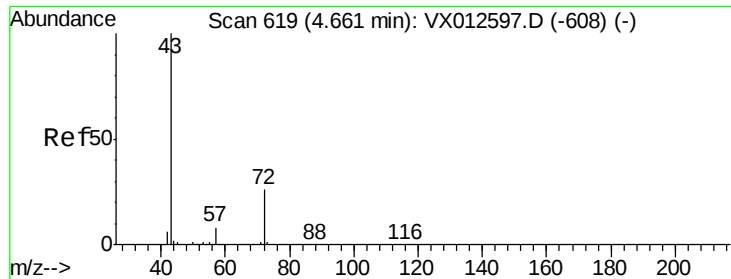


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 81.738 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

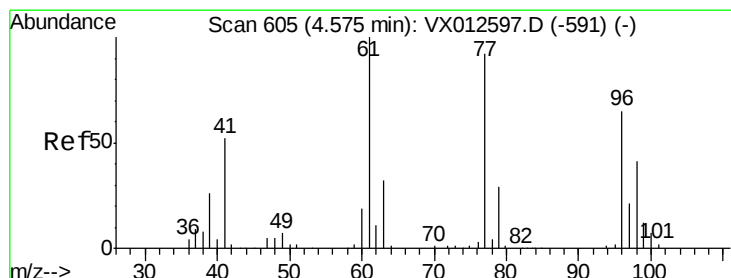
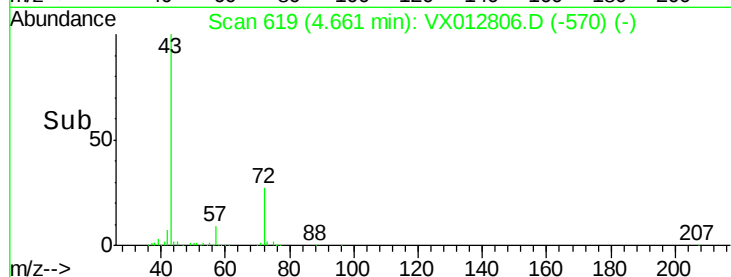
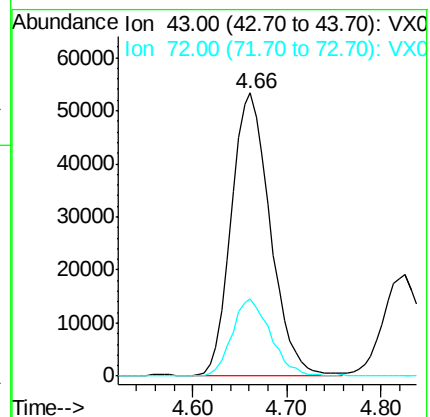
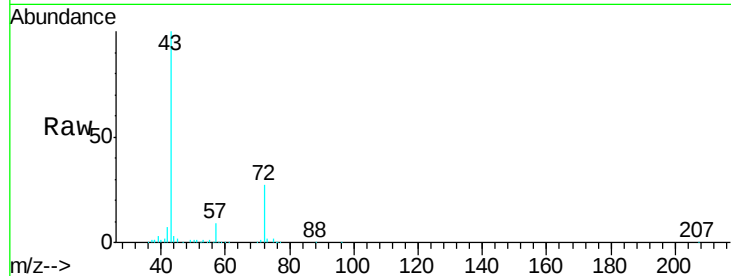
VX1004MBS01

Tgt Ion: 43 Resp: 152438

Ion Ratio Lower Upper

43 100

72 27.3 19.2 28.8



#26

2,2-Dichloropropane

Concen: 16.063 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012806.D

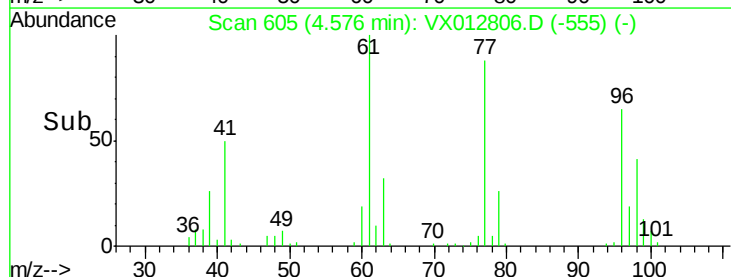
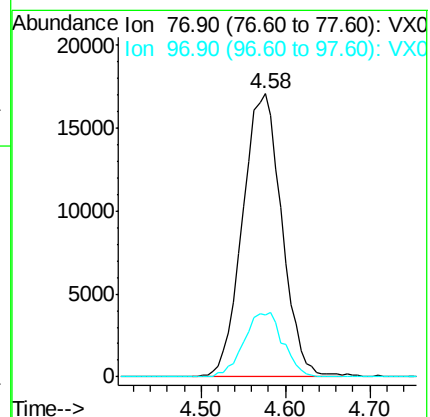
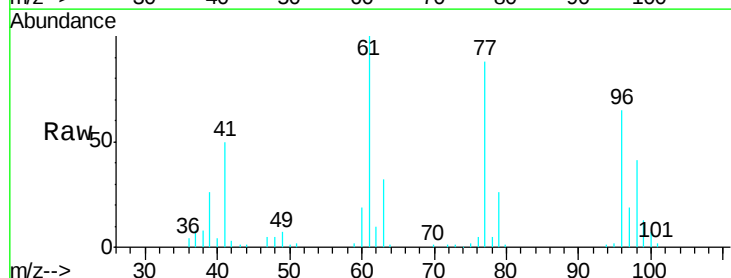
Acq: 04 Oct 2019 13:05

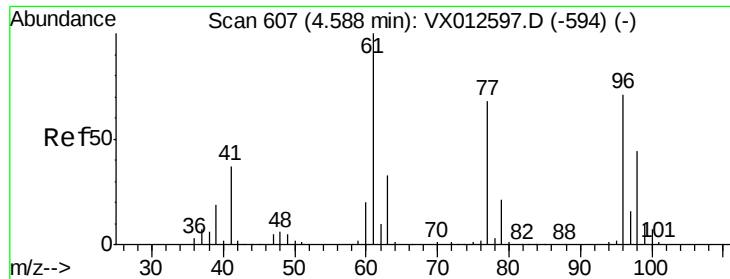
Tgt Ion: 77 Resp: 53977

Ion Ratio Lower Upper

77 100

97 22.6 10.5 31.6



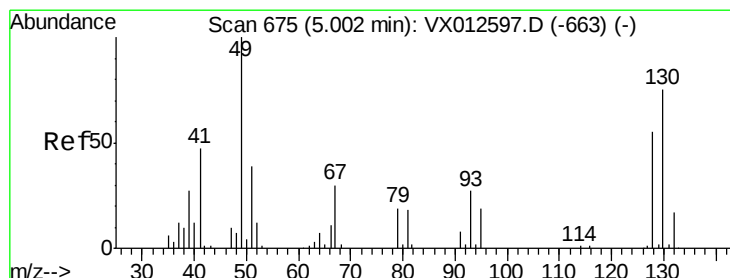
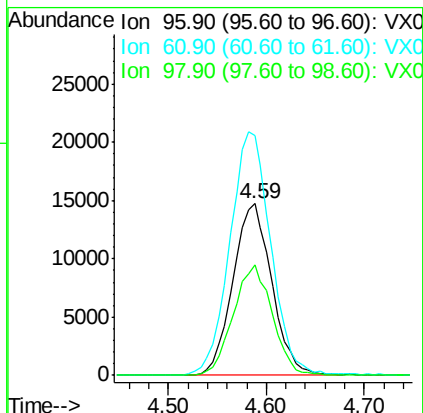
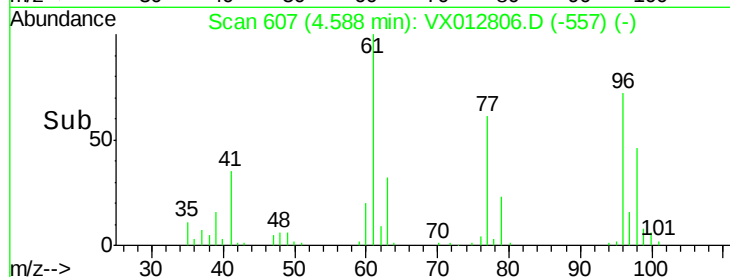
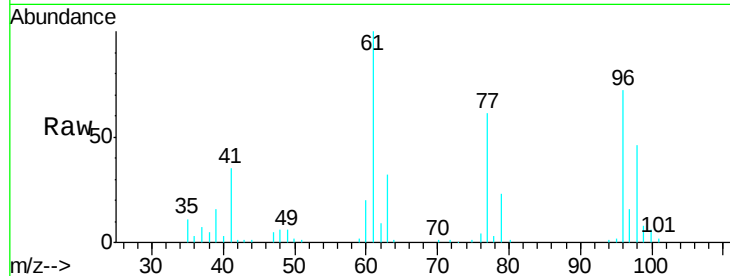


#27

cis-1,2-Dichloroethene
Concen: 17.463 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012806.D
Acq: 04 Oct 2019 13:05

Instrument :
MSVOA_X
ClientSampled :
VX1004MBS01

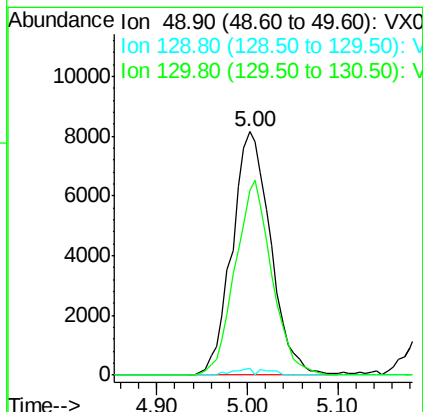
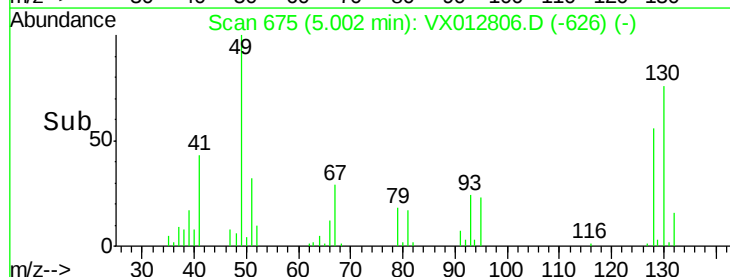
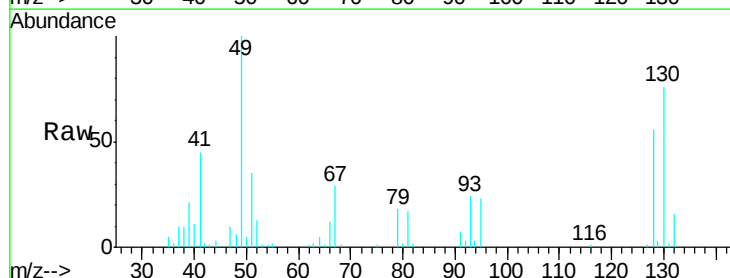
Tgt Ion: 96 Resp: 40700
Ion Ratio Lower Upper
96 100
61 149.0 0.0 319.4
98 64.0 0.0 130.6

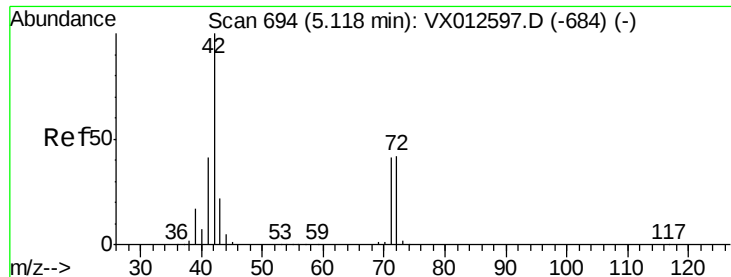


#28

Bromochloromethane
Concen: 17.532 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012806.D
Acq: 04 Oct 2019 13:05

Tgt Ion: 49 Resp: 24052
Ion Ratio Lower Upper
49 100
129 1.3 0.0 3.8
130 0.0 58.2 87.4#

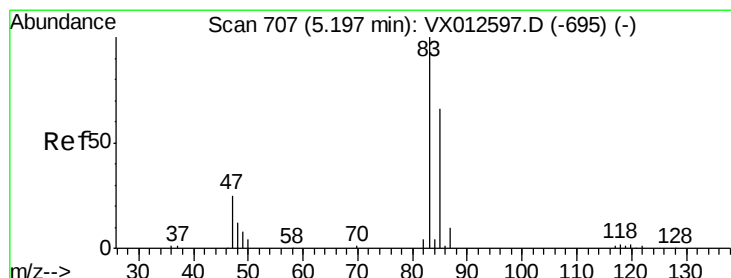
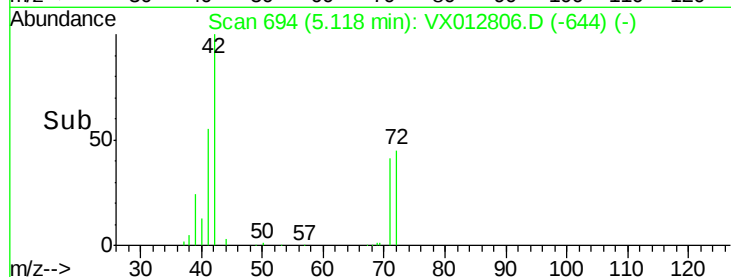
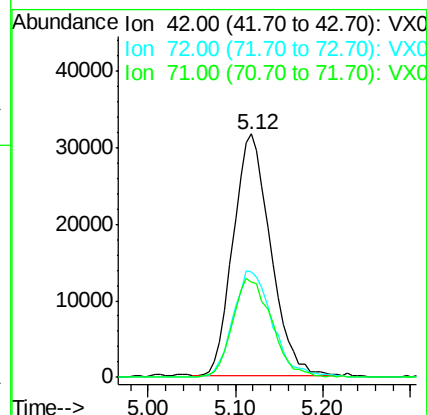
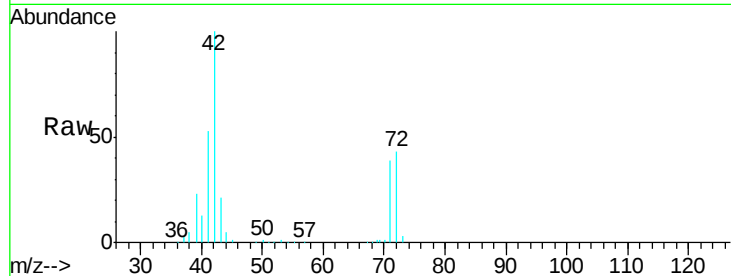




#29
Tetrahydrofuran
Concen: 83.078 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012806.D
Acq: 04 Oct 2019 13:05

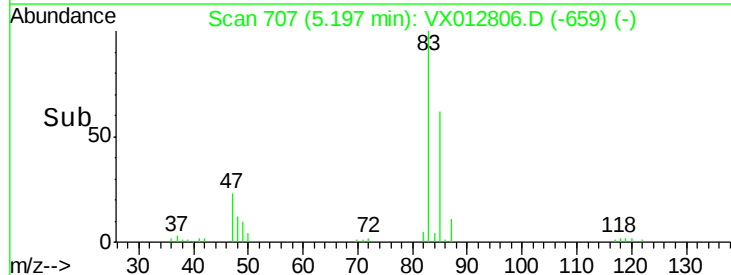
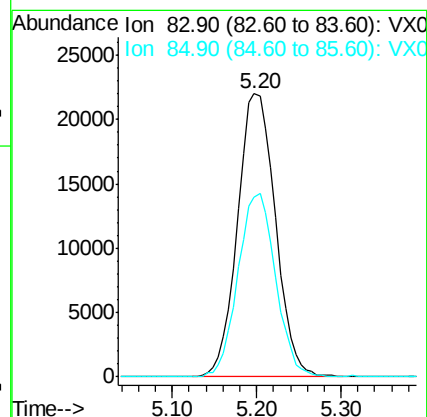
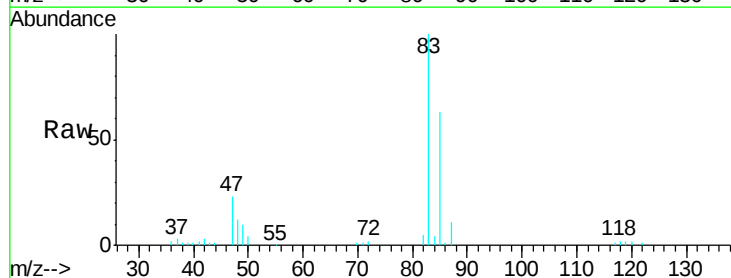
Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

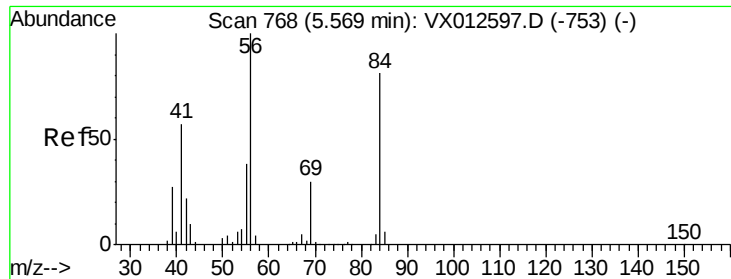
Tgt Ion: 42 Resp: 94435
Ion Ratio Lower Upper
42 100
72 46.2 34.0 51.0
71 42.6 31.5 47.3



#30
Chloroform
Concen: 17.350 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012806.D
Acq: 04 Oct 2019 13:05

Tgt Ion: 83 Resp: 67065
Ion Ratio Lower Upper
83 100
85 63.4 53.0 79.4

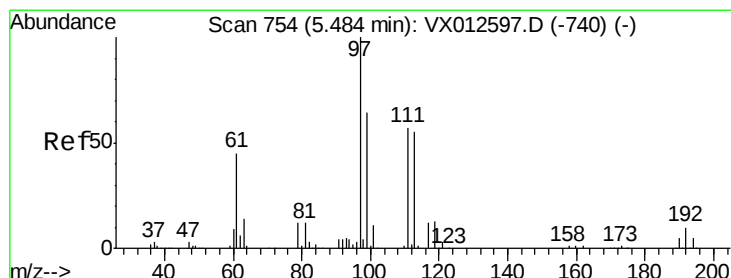
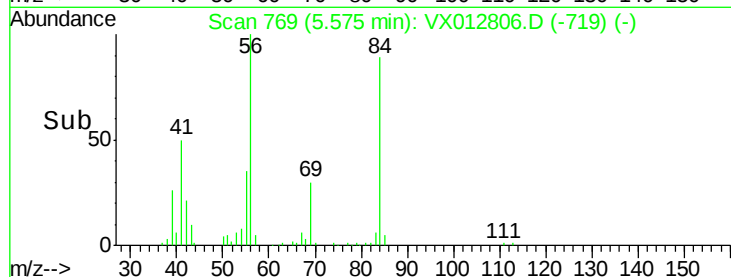
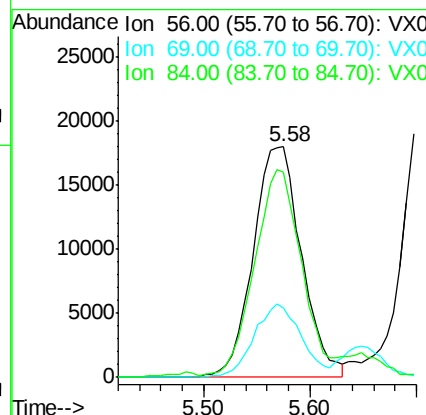
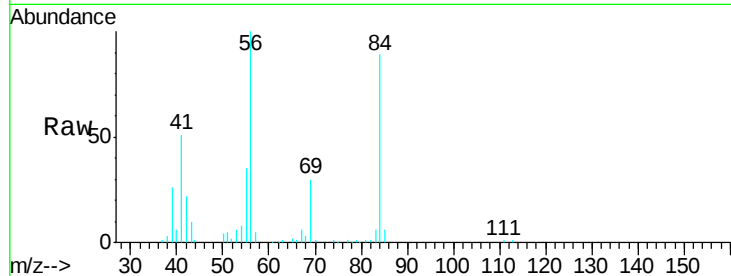




#31
Cyclohexane
Concen: 16.709 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX012806.D
Acq: 04 Oct 2019 13:05

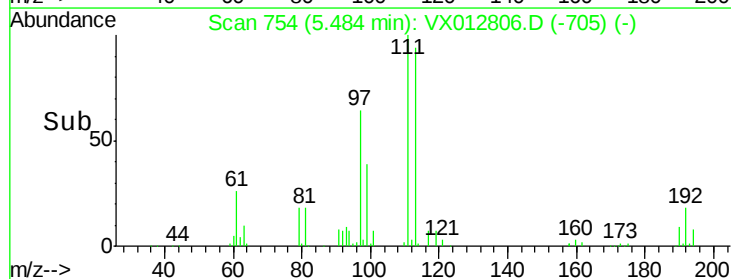
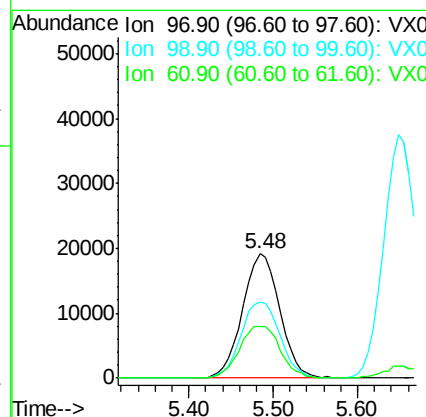
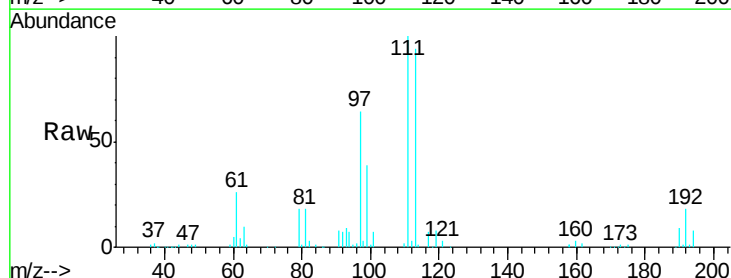
Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

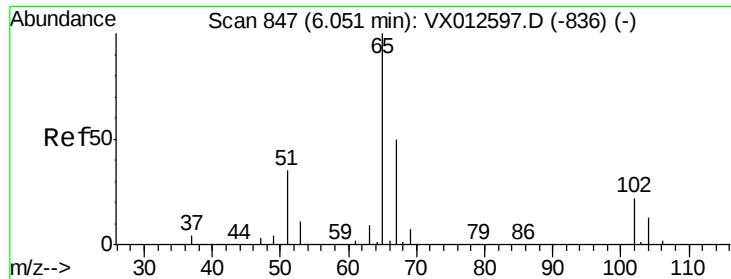
Tgt Ion: 56 Resp: 57111
Ion Ratio Lower Upper
56 100
69 30.0 25.0 37.6
84 87.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 16.749 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012806.D
Acq: 04 Oct 2019 13:05

Tgt Ion: 97 Resp: 57380
Ion Ratio Lower Upper
97 100
99 64.2 51.3 76.9
61 45.6 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 44.990 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

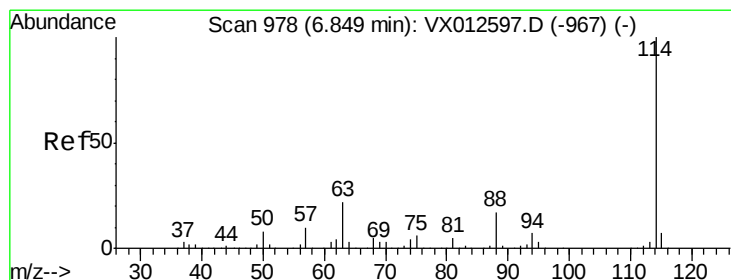
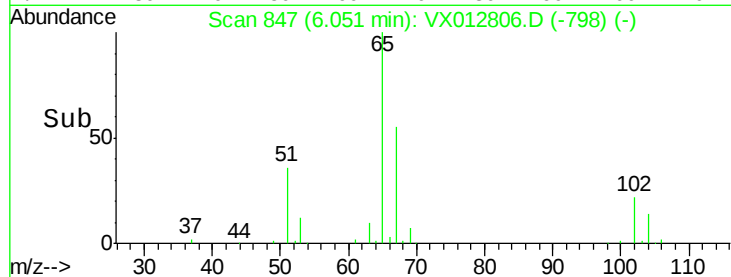
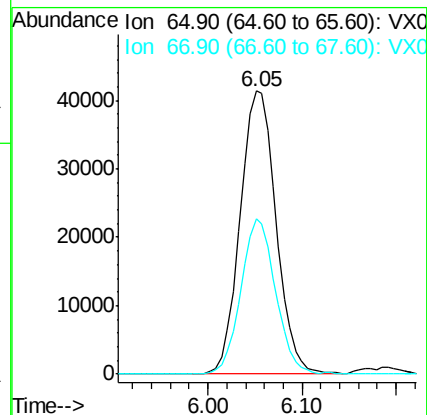
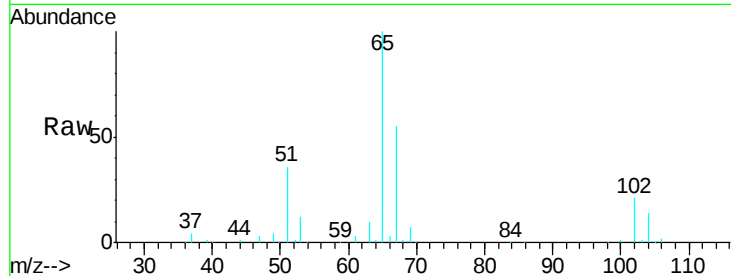
VX1004MBS01

Tgt Ion: 65 Resp: 110476

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

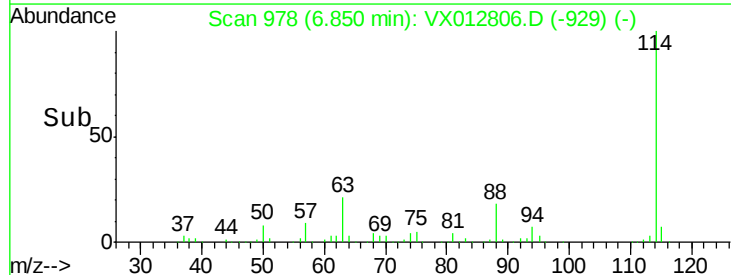
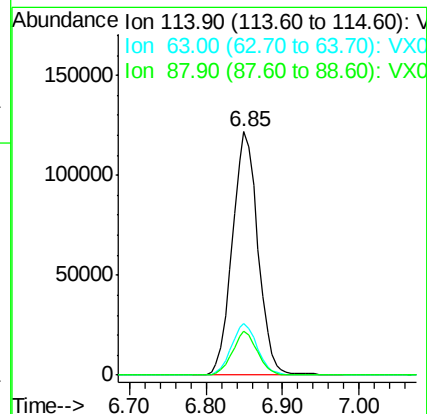
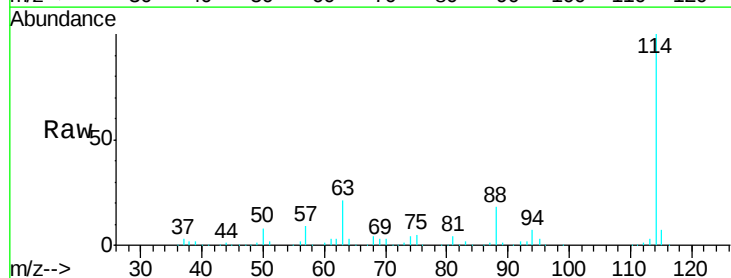
Tgt Ion: 114 Resp: 282875

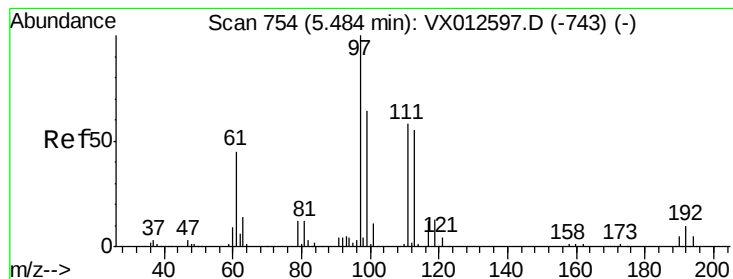
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

88 17.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.556 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBS01

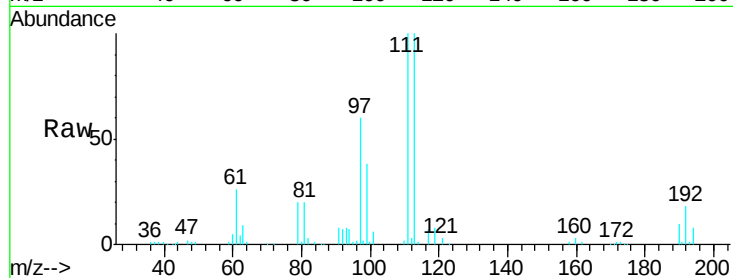
Tgt Ion:113 Resp: 86853

Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

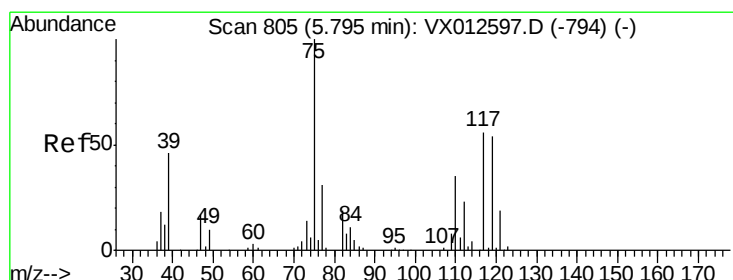
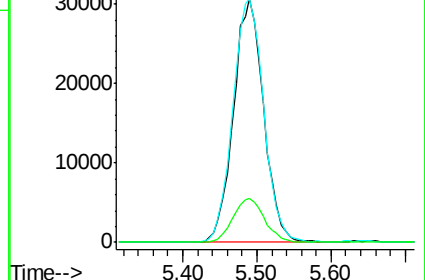
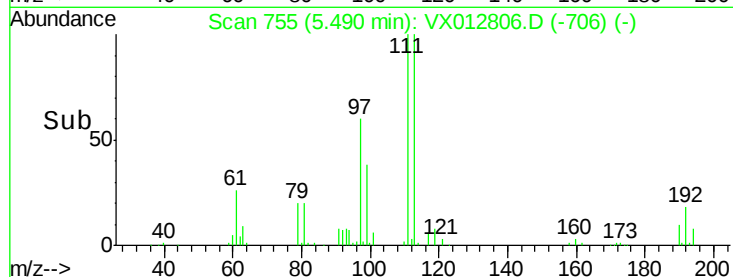
192 18.9 14.4 21.6



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: 17.758 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

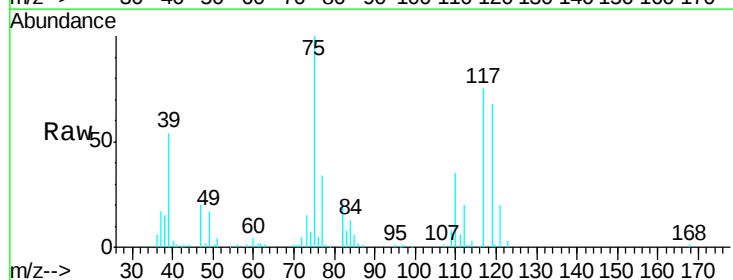
Tgt Ion: 75 Resp: 48418

Ion Ratio Lower Upper

75 100

110 35.1 16.7 50.0

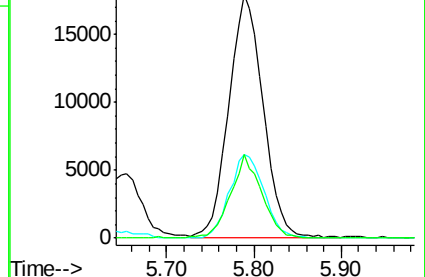
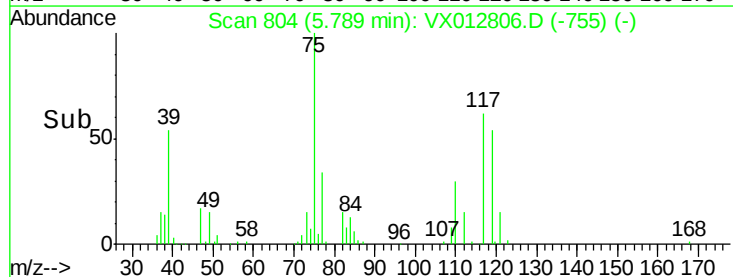
77 31.4 24.2 36.2

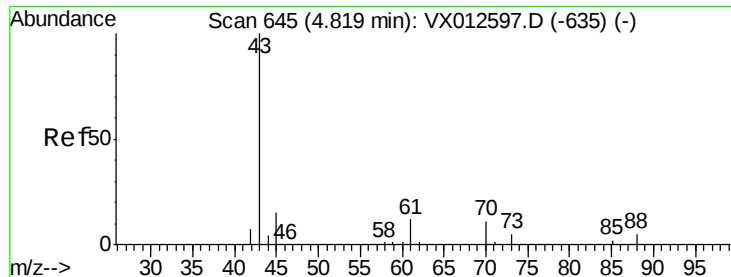


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 17.859 ug/l

RT: 4.83 min Scan# 646

Delta R.T. 0.01 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBS01

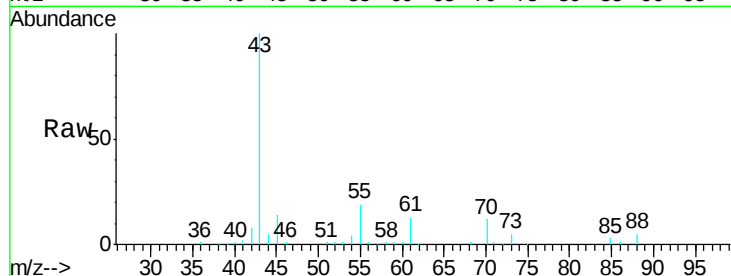
Tgt Ion: 43 Resp: 56929

Ion Ratio Lower Upper

43 100

61 15.0 10.2 15.4

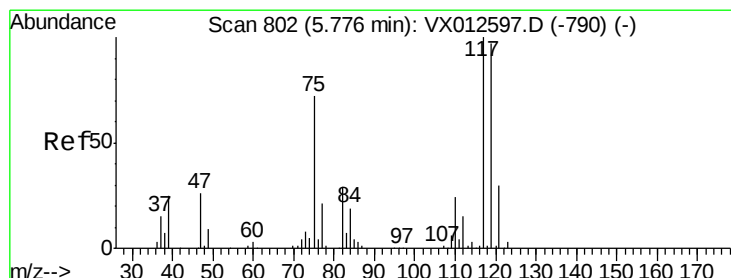
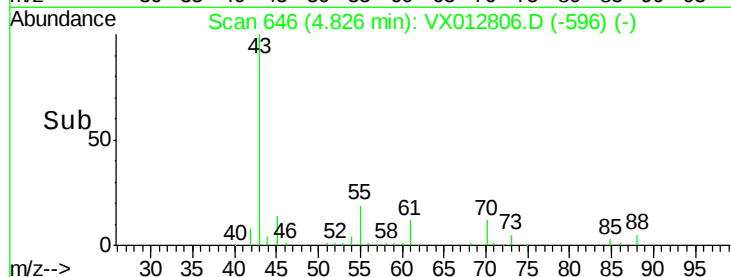
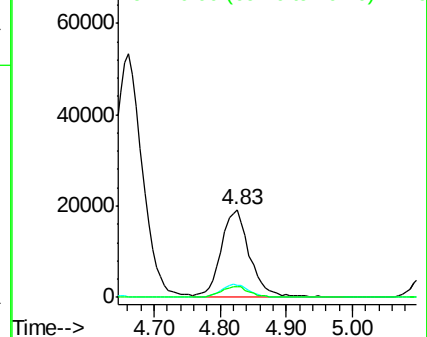
70 12.1 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX012597.D (-635) (-)

Ion 60.90 (60.60 to 61.60): VX012597.D (-635) (-)

Ion 70.00 (69.70 to 70.70): VX012597.D (-635) (-)



#38

Carbon Tetrachloride

Concen: 17.443 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

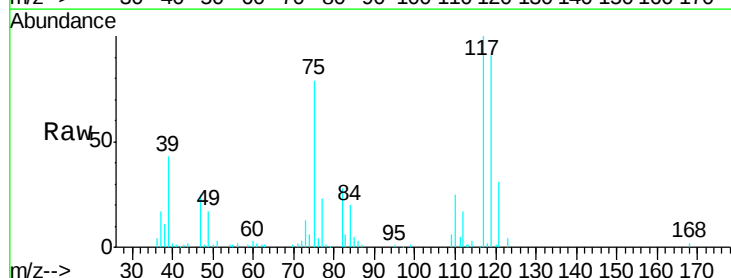
Tgt Ion: 117 Resp: 48313

Ion Ratio Lower Upper

117 100

119 90.7 75.7 113.5

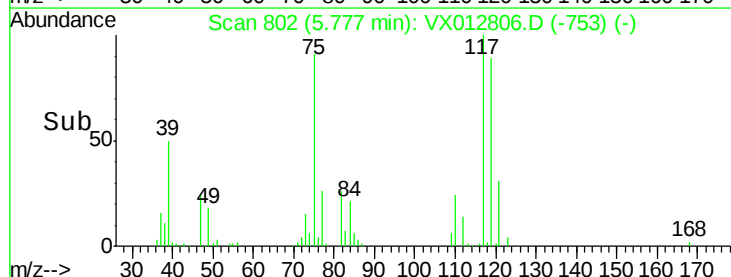
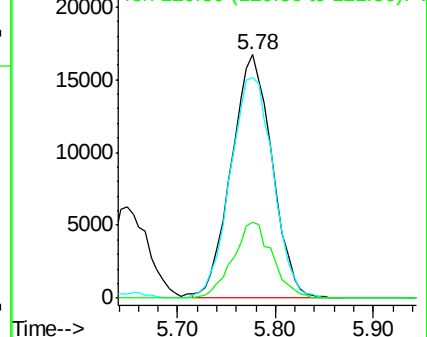
121 31.2 24.2 36.4

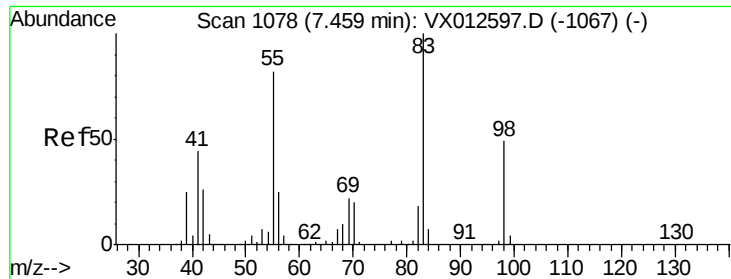


Abundance Ion 116.80 (116.50 to 117.50): VX012597.D (-790) (-)

Ion 118.80 (118.50 to 119.50): VX012597.D (-790) (-)

Ion 120.80 (120.50 to 121.50): VX012597.D (-790) (-)

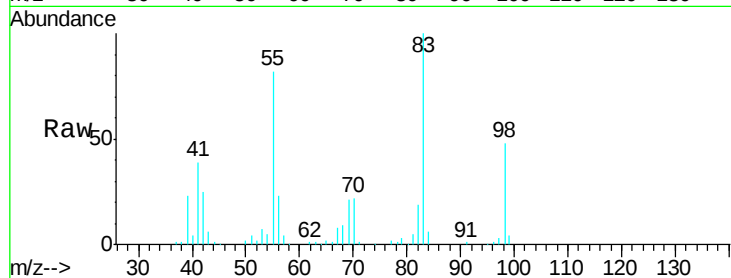




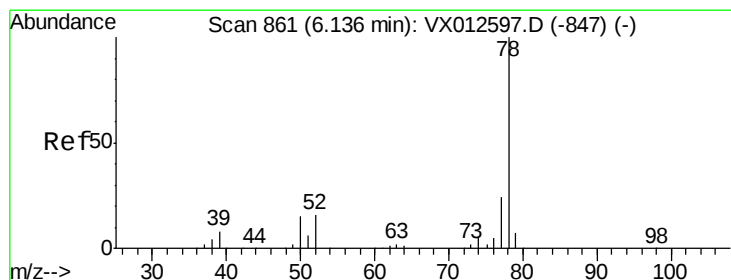
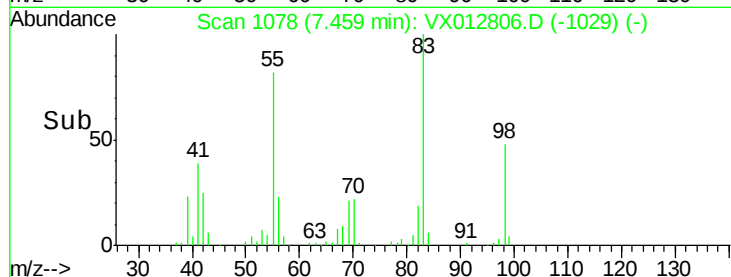
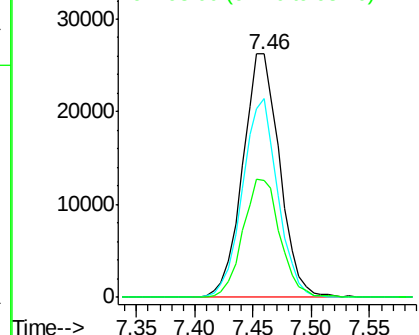
#39
Methylcyclohexane
Concen: 17.671 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012806.D
Acq: 04 Oct 2019 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

Tgt Ion: 83 Resp: 58004
Ion Ratio Lower Upper
83 100
55 81.5 64.4 96.6
98 48.0 40.1 60.1

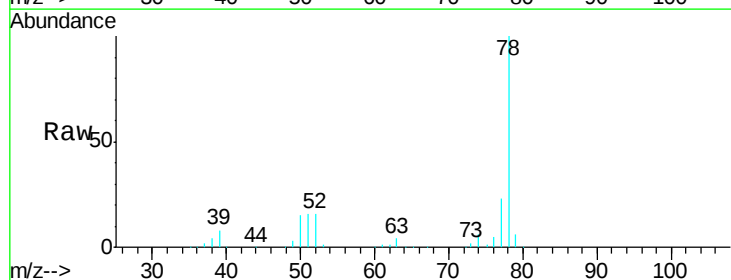


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

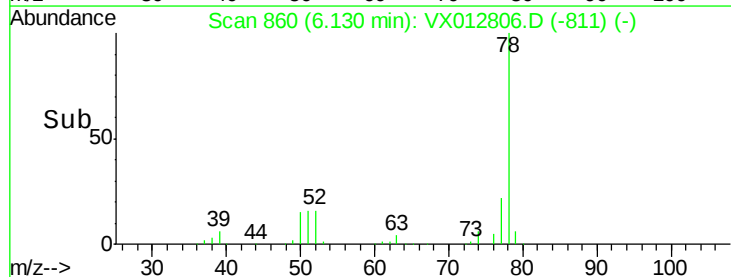
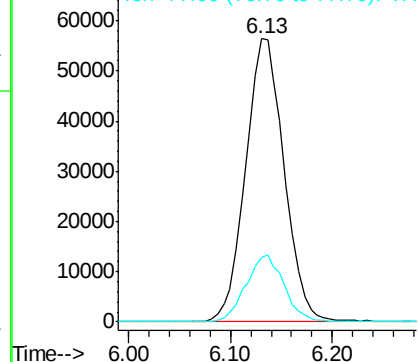


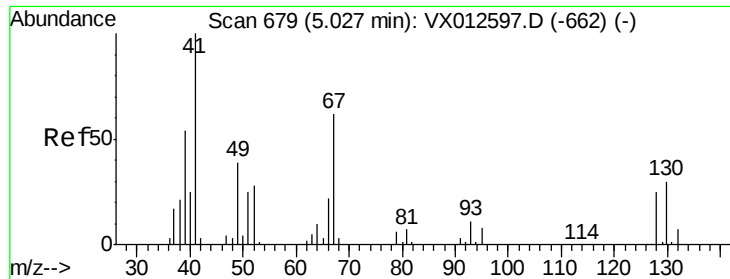
#40
Benzene
Concen: 18.433 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012806.D
Acq: 04 Oct 2019 13:05

Tgt Ion: 78 Resp: 147875
Ion Ratio Lower Upper
78 100
77 22.7 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

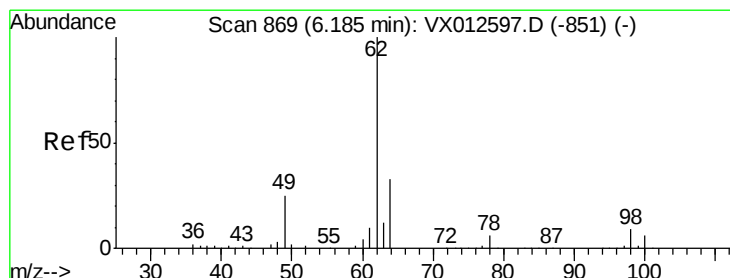
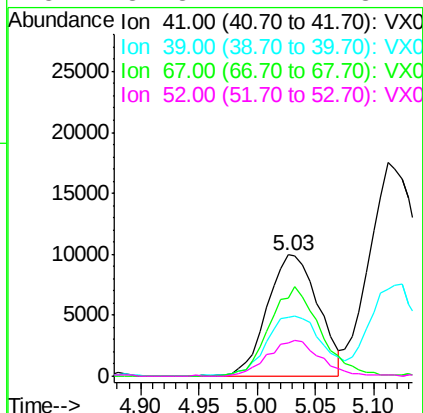
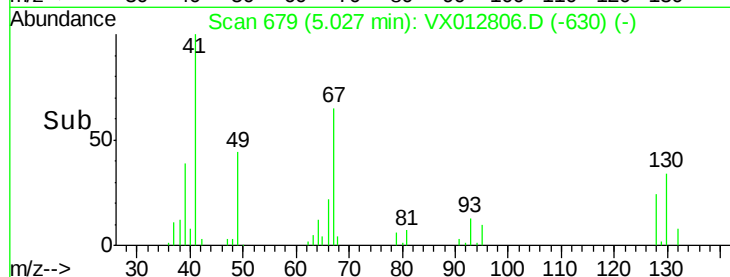
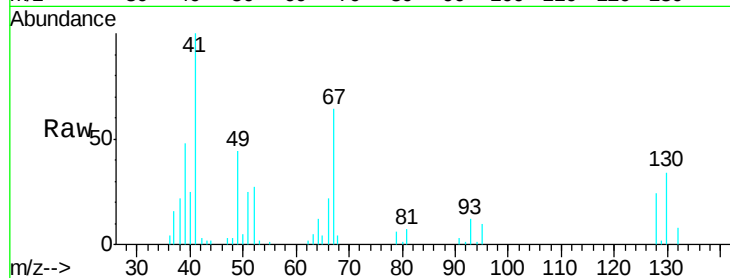




#41
Methacrylonitrile
Concen: 16.931 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012806.D
Acq: 04 Oct 2019 13:05

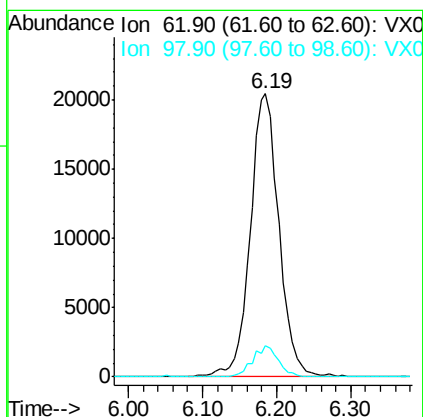
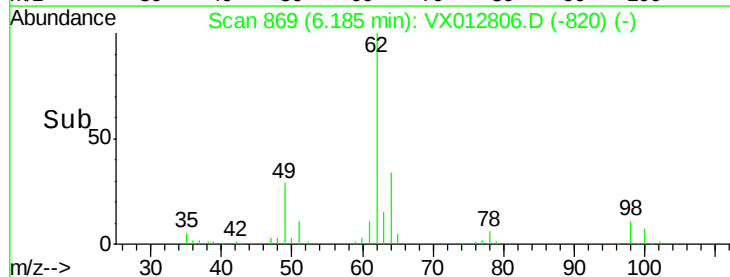
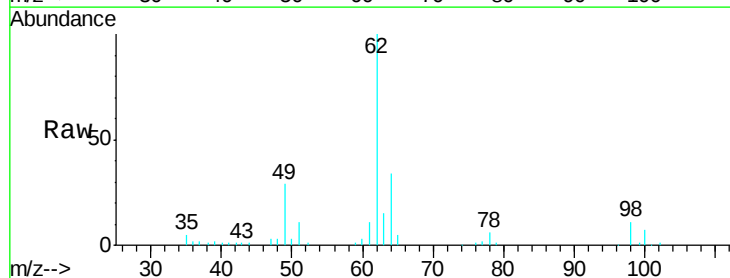
Instrument :
MSVOA_X
ClientSampled :
VX1004MBS01

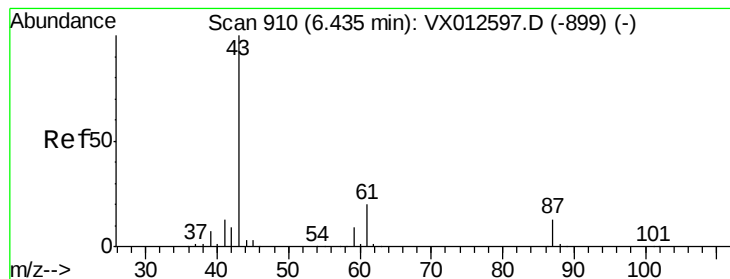
Tgt Ion:	41	Resp:	30282
Ion	Ratio	Lower	Upper
41	100		
39	54.3	46.0	69.0
67	73.2	52.2	78.2
52	31.3	22.7	34.1



#42
1,2-Dichloroethane
Concen: 18.075 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012806.D
Acq: 04 Oct 2019 13:05

Tgt Ion:	62	Resp:	55064
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	17.8





#43

Isopropyl Acetate

Concen: 16.997 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBS01

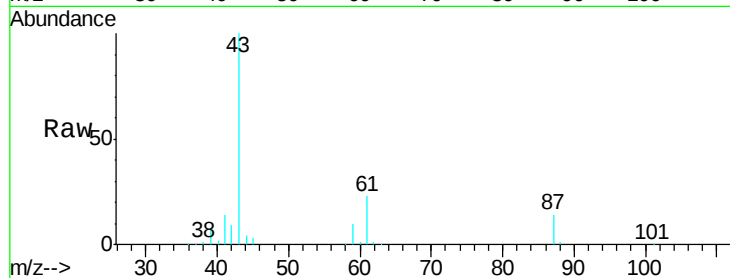
Tgt Ion: 43 Resp: 90609

Ion Ratio Lower Upper

43 100

61 21.1 15.4 23.0

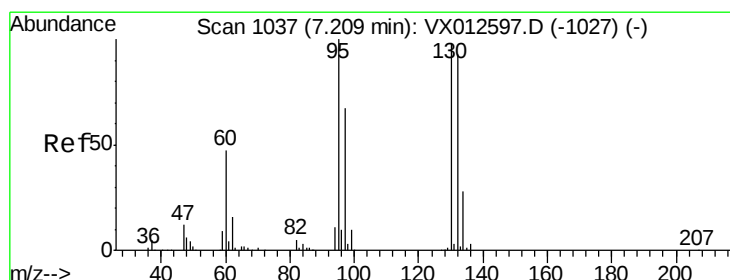
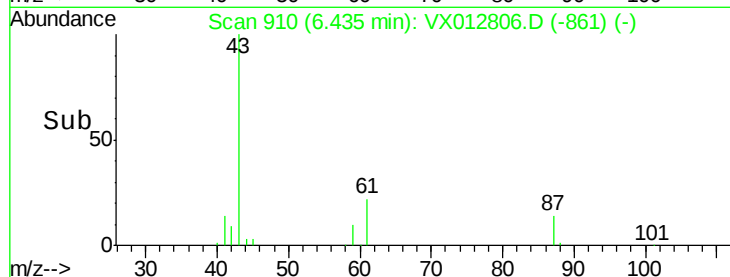
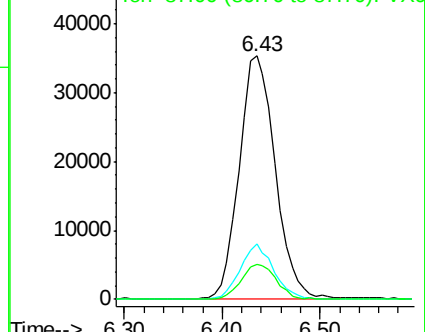
87 14.1 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.359 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012806.D

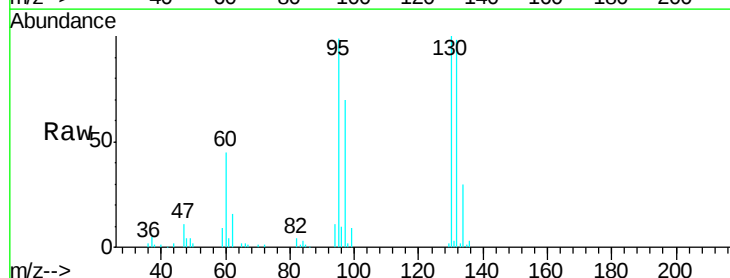
Acq: 04 Oct 2019 13:05

Tgt Ion: 130 Resp: 37653

Ion Ratio Lower Upper

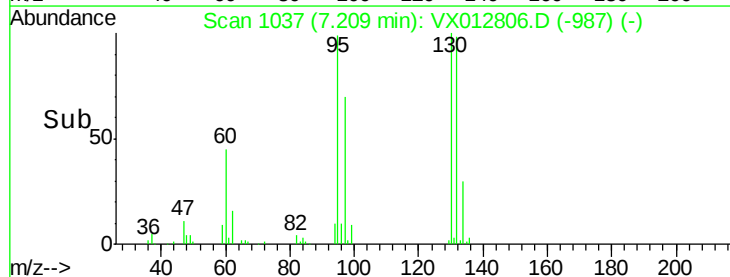
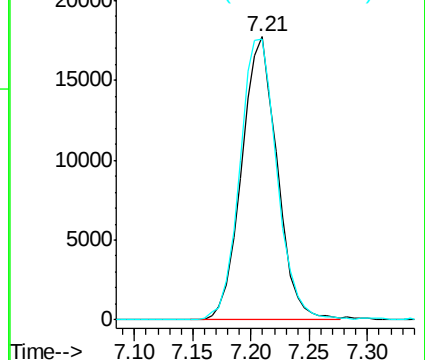
130 100

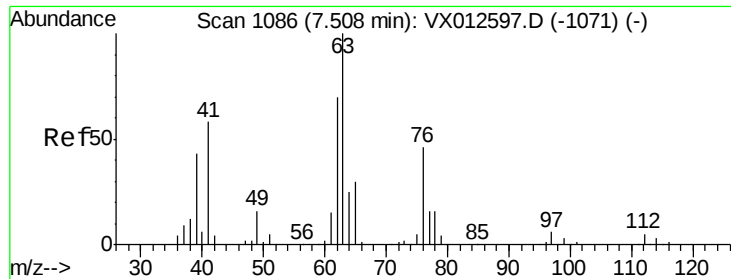
95 99.0 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.535 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

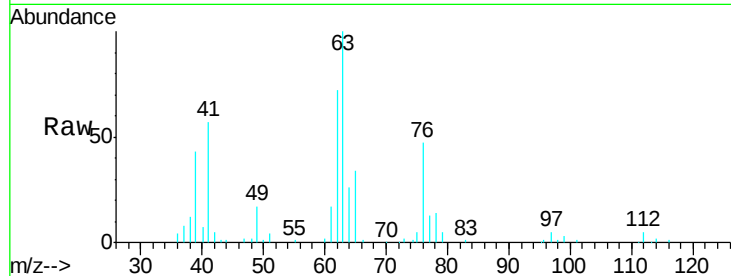
VX1004MBS01

Tgt Ion: 63 Resp: 38070

Ion Ratio Lower Upper

63 100

65 33.6 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

20000

15000

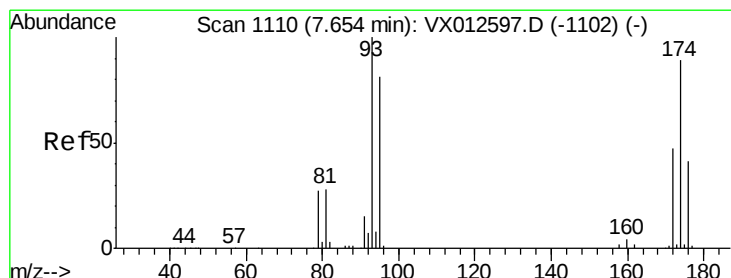
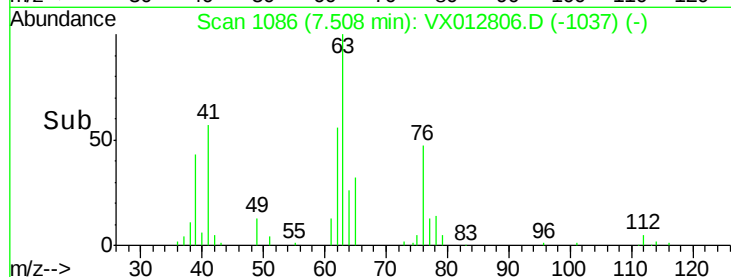
10000

5000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 18.394 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

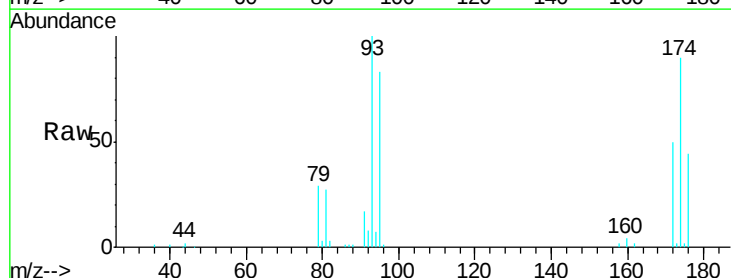
Tgt Ion: 93 Resp: 25723

Ion Ratio Lower Upper

93 100

95 81.8 66.6 100.0

174 92.7 77.4 116.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.65

15000

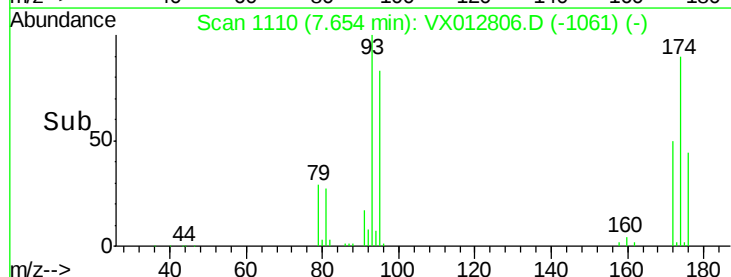
10000

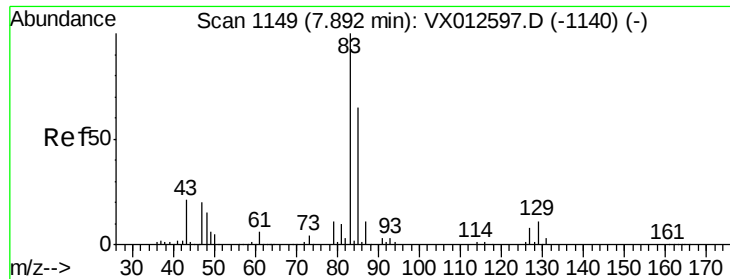
5000

0

7.60 7.70

Time-->





#47

Bromodichloromethane

Concen: 17.760 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBS01

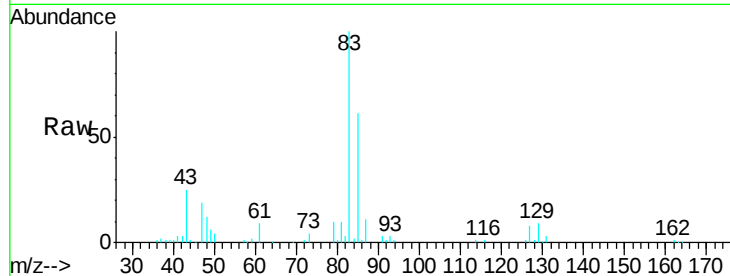
Tgt Ion: 83 Resp: 49639

Ion Ratio Lower Upper

83 100

85 61.1 51.8 77.6

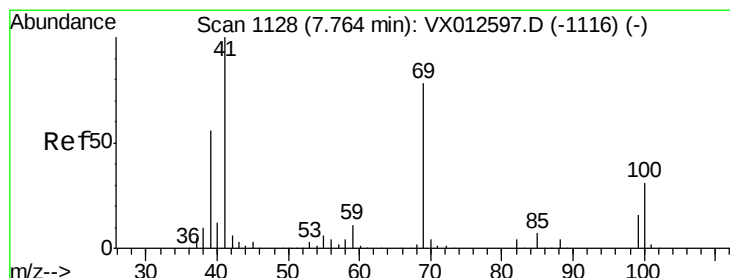
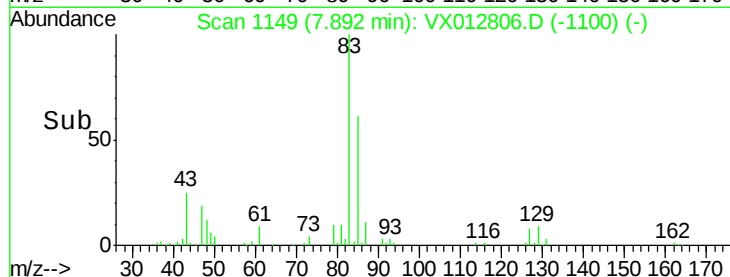
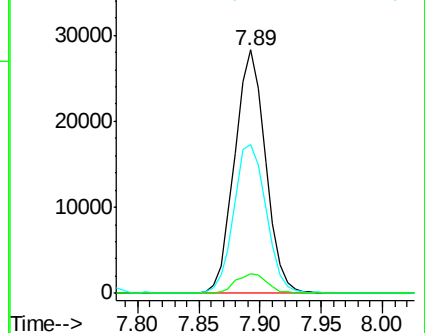
127 8.3 7.3 10.9



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: 16.697 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

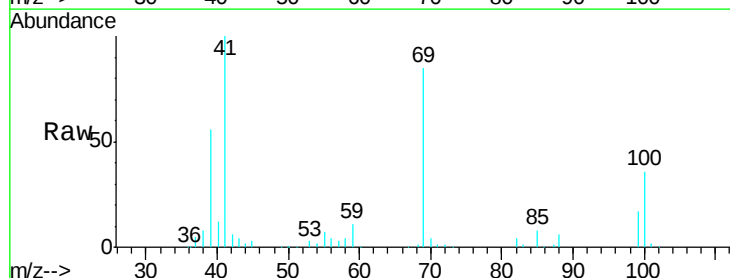
Tgt Ion: 41 Resp: 42679

Ion Ratio Lower Upper

41 100

69 85.9 59.9 89.9

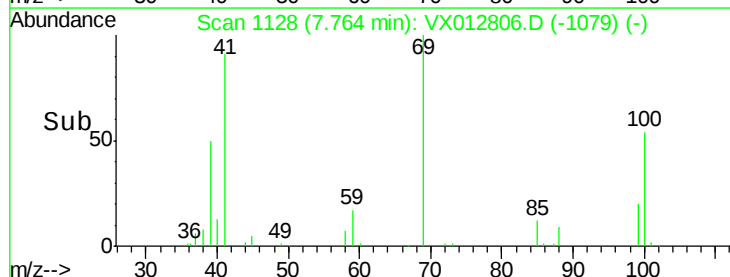
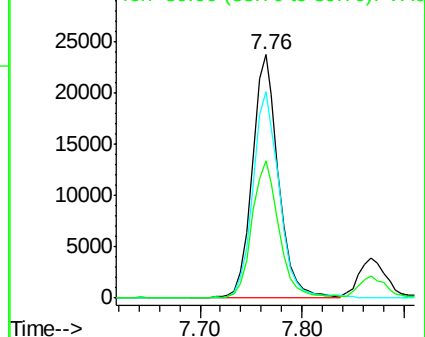
39 57.9 47.8 71.6

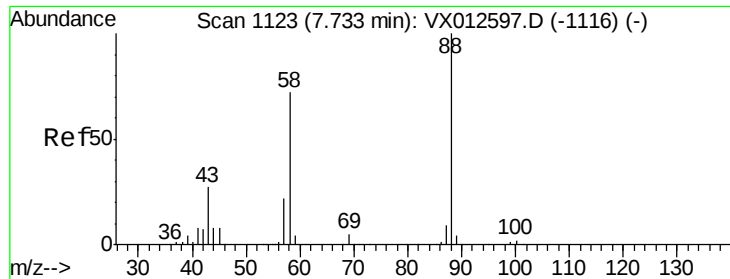


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

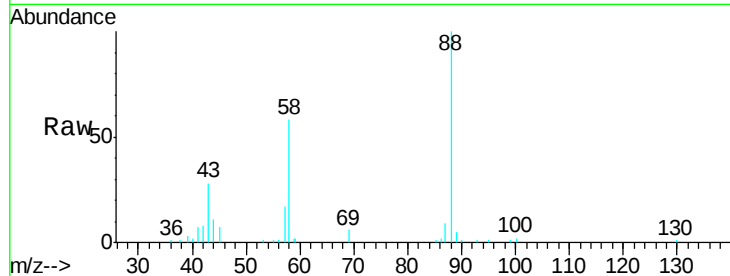




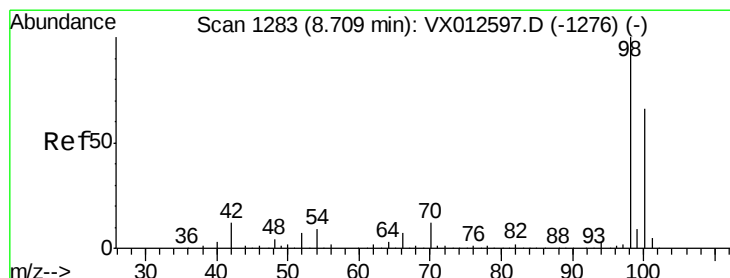
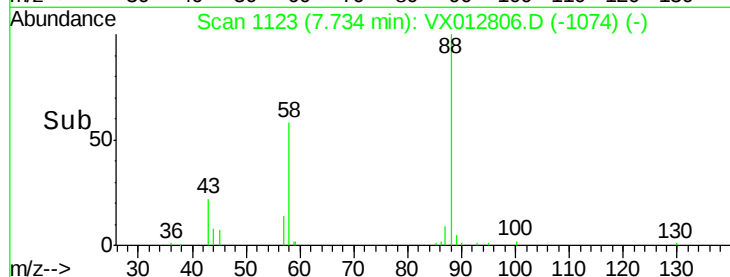
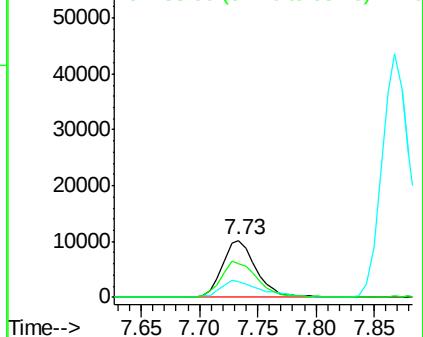
#49
1,4-Dioxane
Concen: 354.245 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012806.D
Acq: 04 Oct 2019 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

Tgt Ion: 88 Resp: 20538
Ion Ratio Lower Upper
88 100
43 34.5 29.4 44.0
58 67.1 57.5 86.3

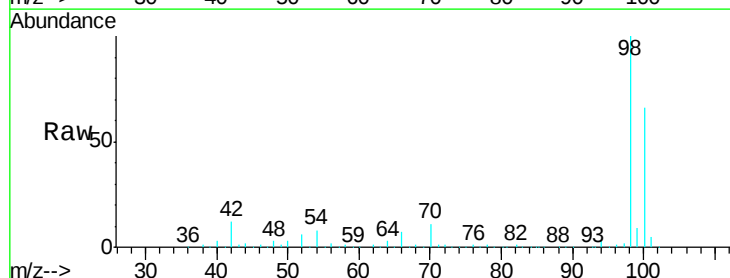


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

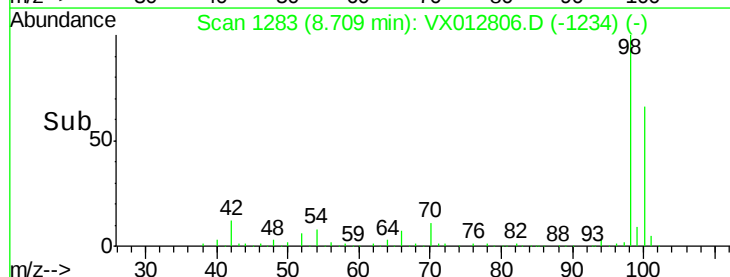
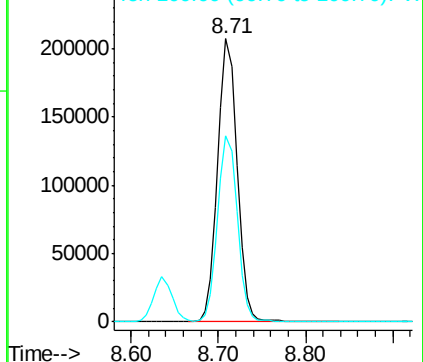


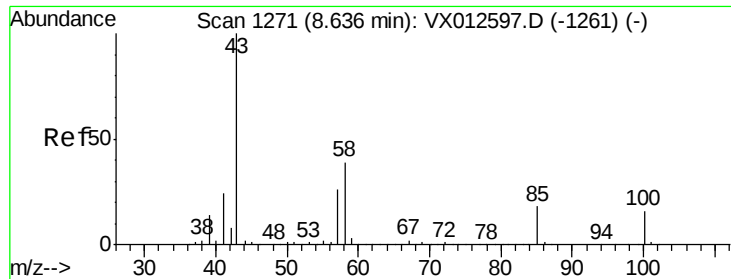
#50
Toluene-d8
Concen: 49.759 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012806.D
Acq: 04 Oct 2019 13:05

Tgt Ion: 98 Resp: 322821
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 88.578 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

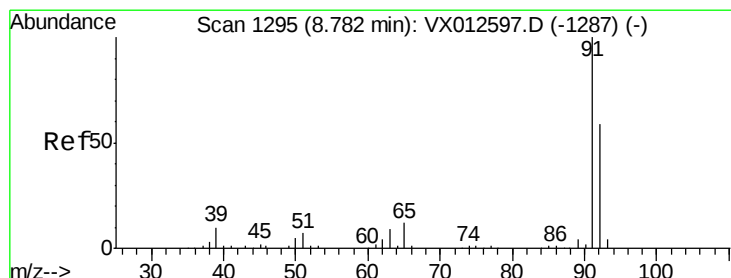
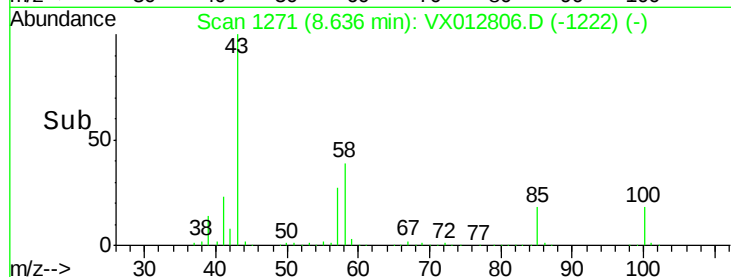
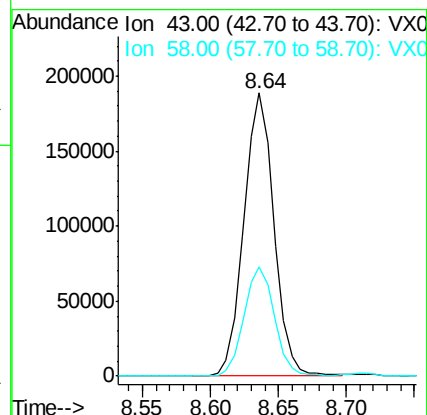
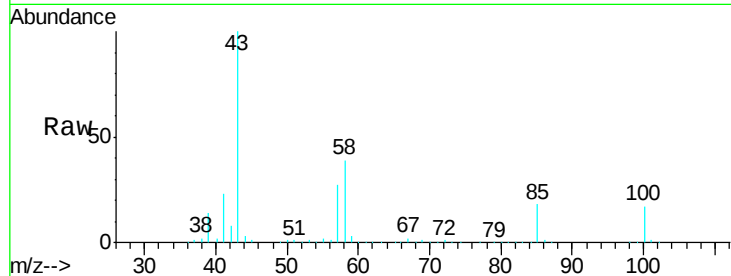
VX1004MBS01

Tgt Ion: 43 Resp: 291476

Ion Ratio Lower Upper

43 100

58 39.0 29.8 44.6



#52

Toluene

Concen: 18.137 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012806.D

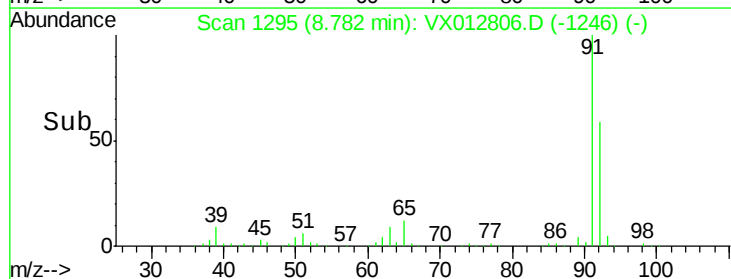
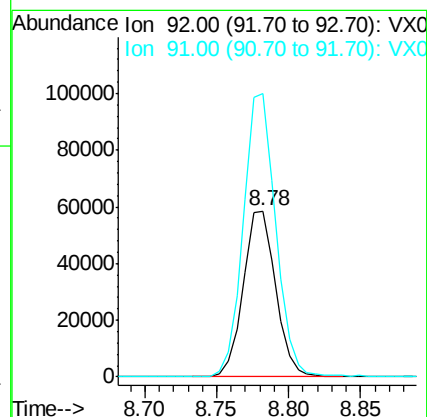
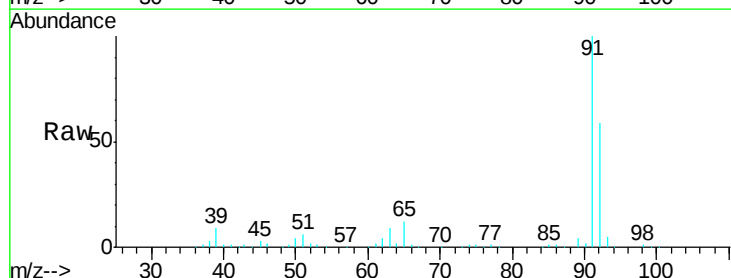
Acq: 04 Oct 2019 13:05

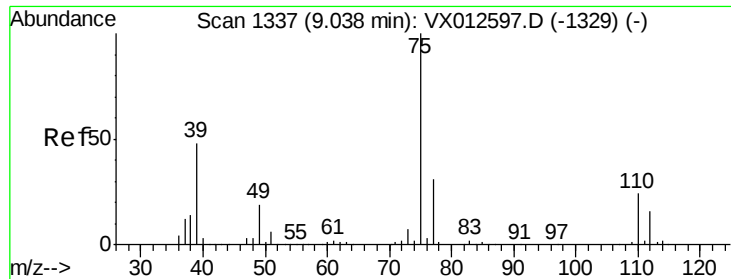
Tgt Ion: 92 Resp: 91450

Ion Ratio Lower Upper

92 100

91 171.7 135.4 203.0

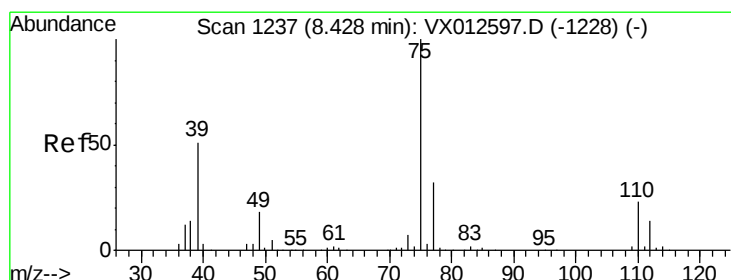
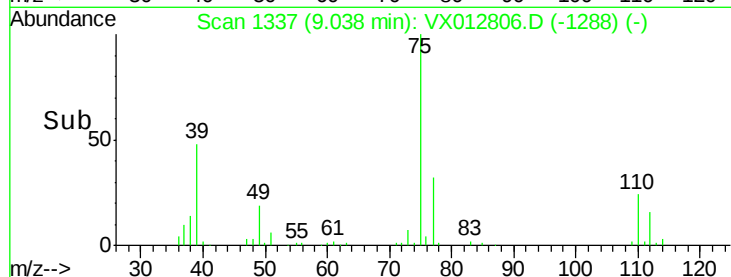
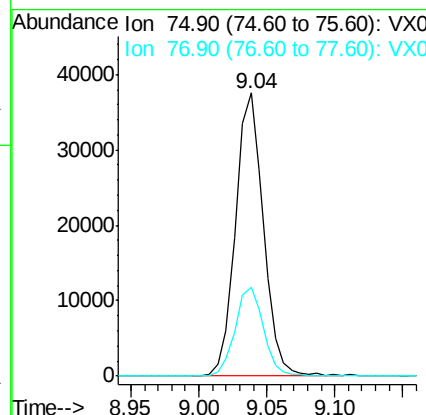
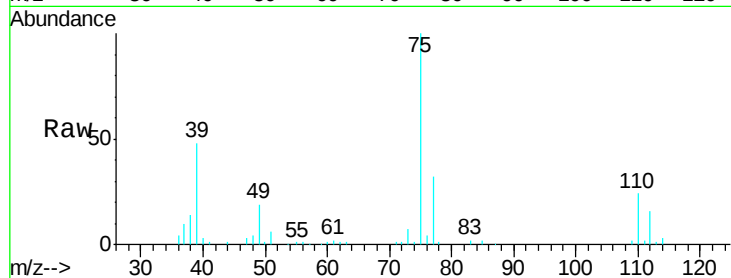




#53
 t-1,3-Dichloropropene
 Concen: 17.350 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012806.D
 Acq: 04 Oct 2019 13:05

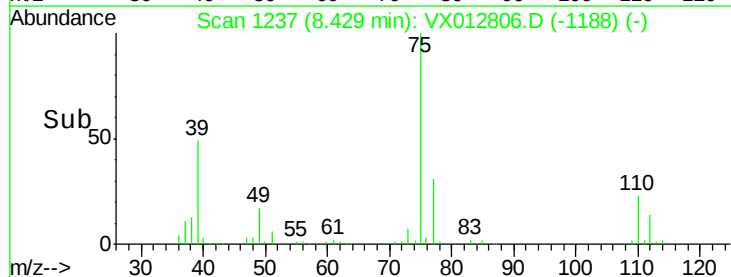
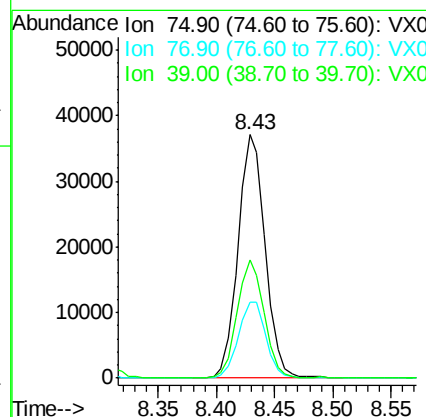
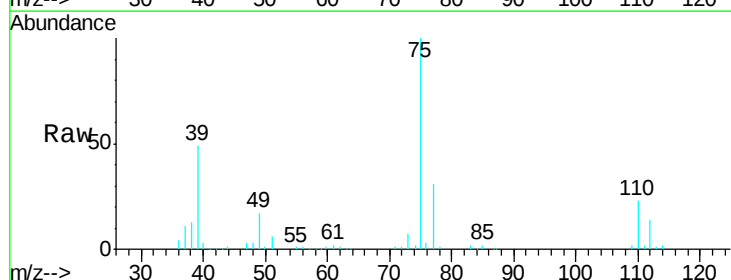
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBS01

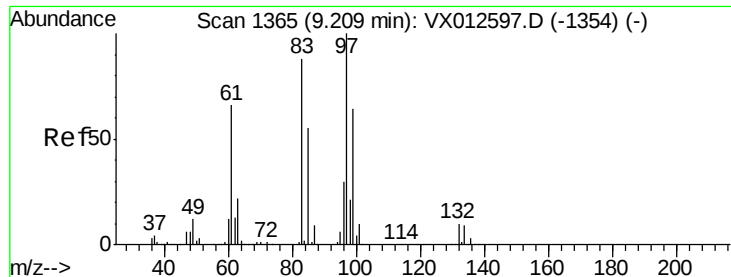
Tgt Ion: 75 Resp: 53653
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 17.820 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012806.D
 Acq: 04 Oct 2019 13:05

Tgt Ion: 75 Resp: 60165
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.8 38.8
 39 48.8 45.5 68.3





#55

1,1,2-Trichloroethane

Concen: 19.180 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBS01

Tgt Ion: 97 Resp: 38449

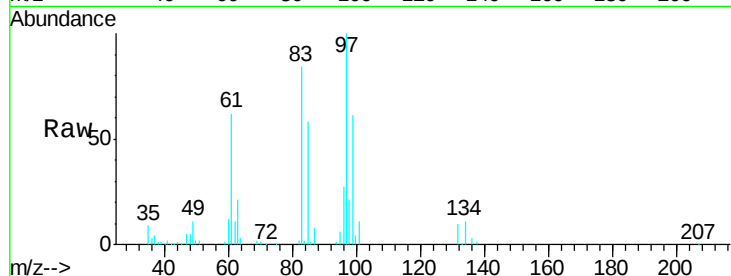
Ion Ratio Lower Upper

97 100

83 84.3 67.4 101.2

85 57.6 43.5 65.3

99 60.5 51.8 77.8

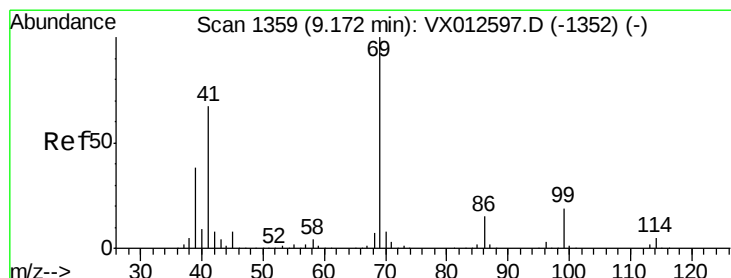
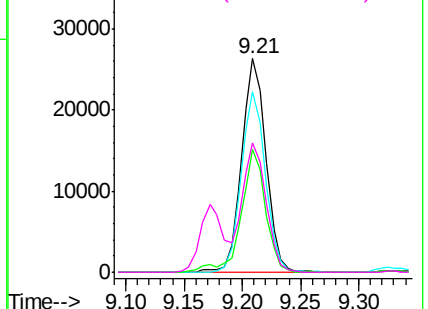
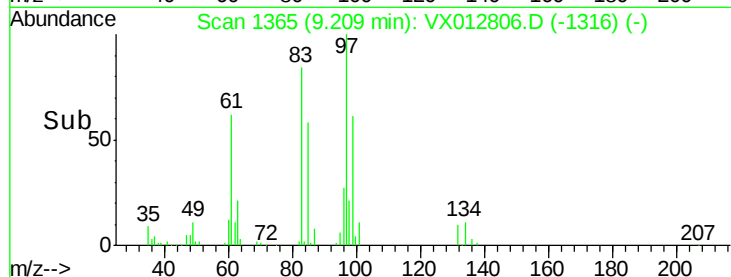


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 17.775 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

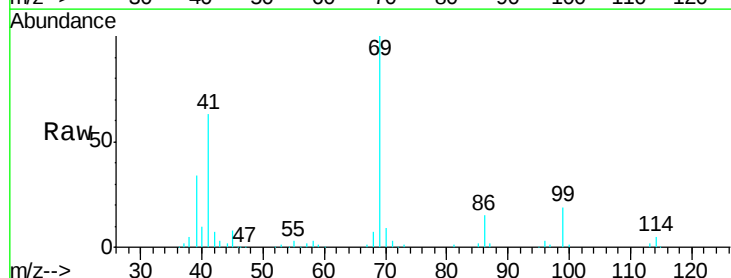
Tgt Ion: 69 Resp: 59861

Ion Ratio Lower Upper

69 100

41 65.9 58.4 87.6

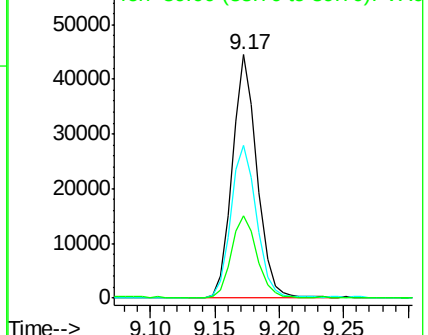
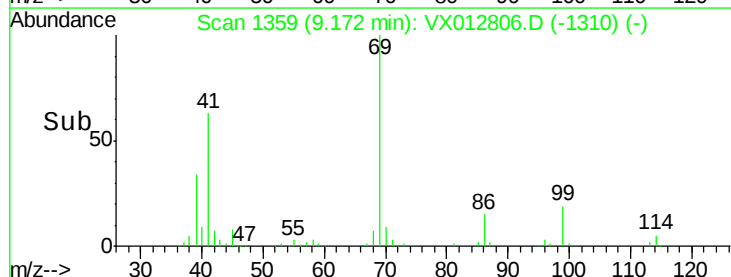
39 35.6 33.4 50.0

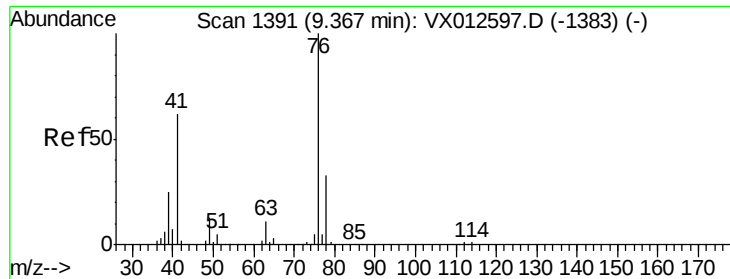


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.769 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampled :

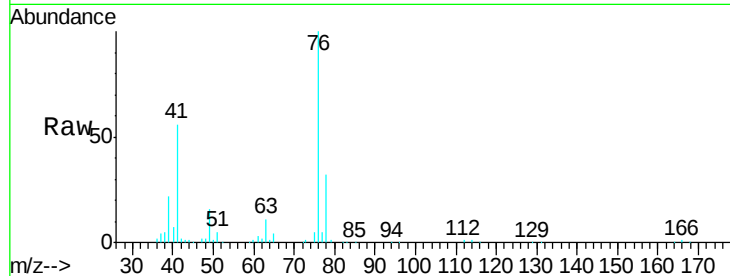
VX1004MBS01

Tgt Ion: 76 Resp: 65850

Ion Ratio Lower Upper

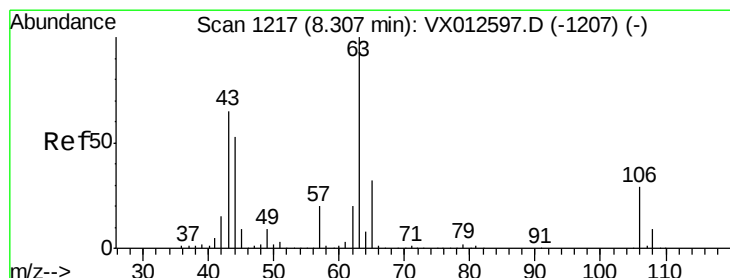
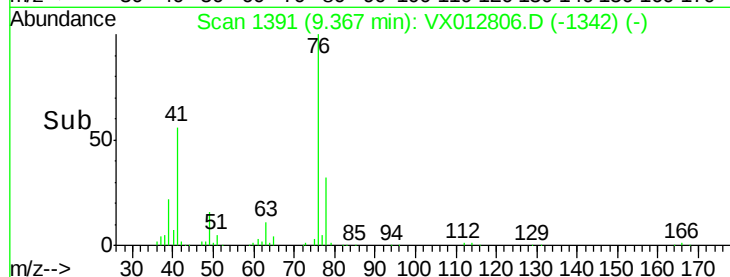
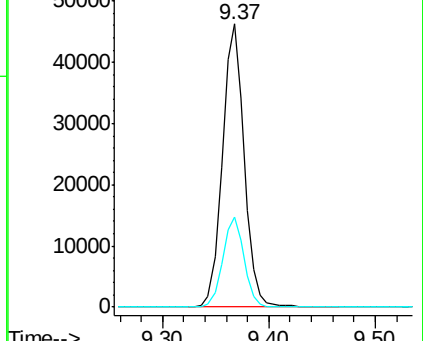
76 100

78 31.1 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 96.980 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012806.D

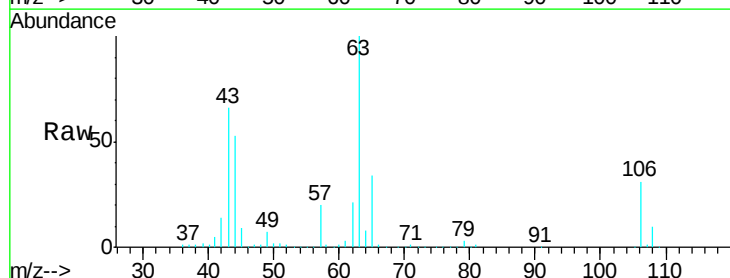
Acq: 04 Oct 2019 13:05

Tgt Ion: 63 Resp: 146606

Ion Ratio Lower Upper

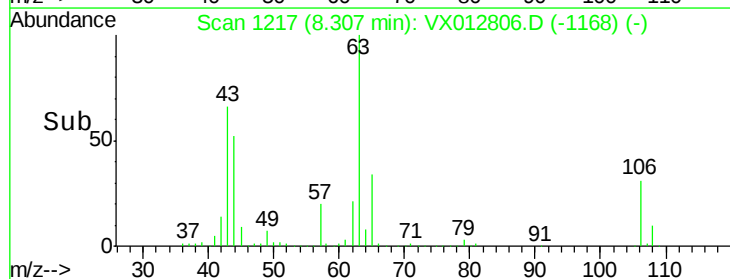
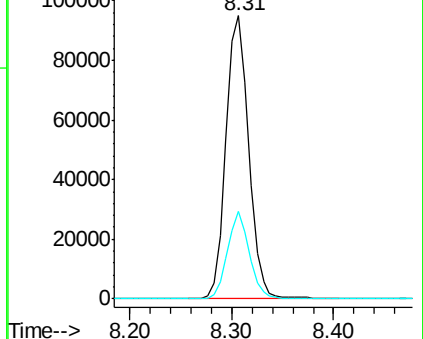
63 100

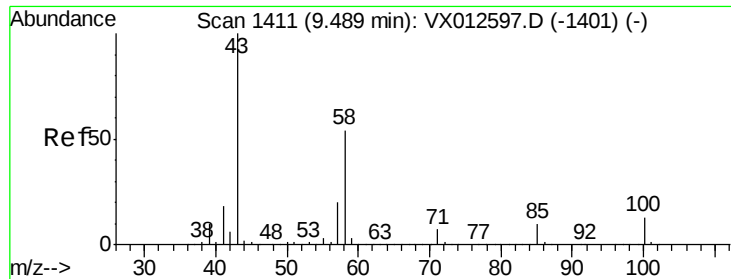
106 29.5 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

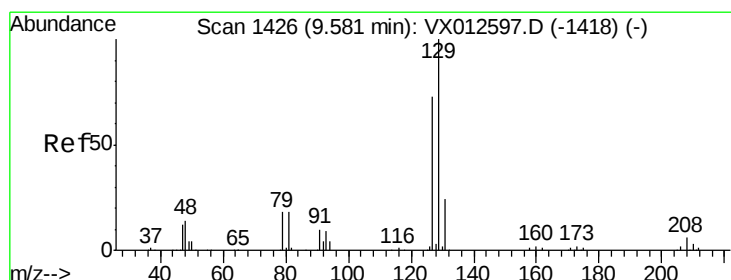
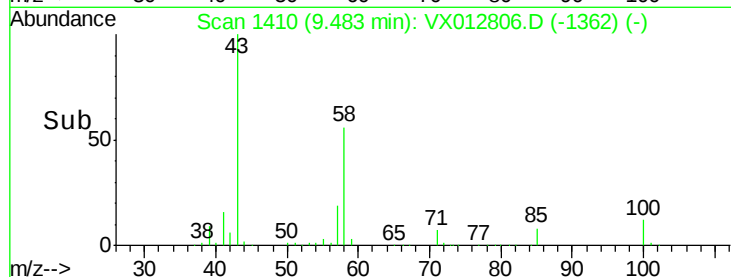
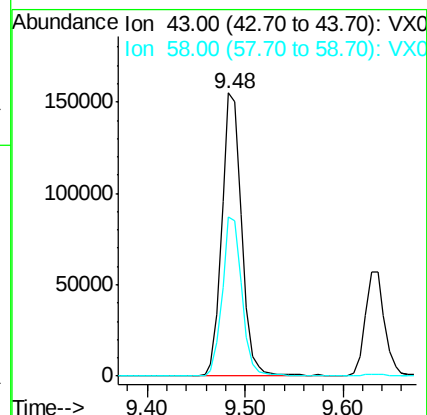
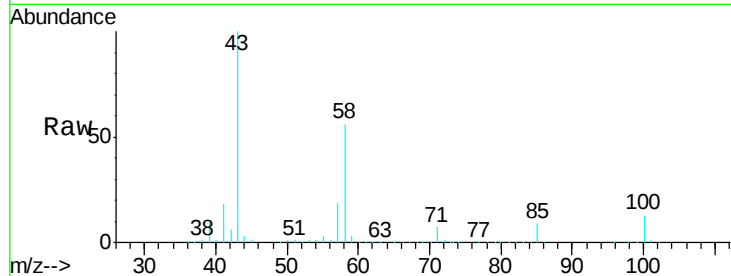




#59
2-Hexanone
Concen: 86.649 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012806.D
Acq: 04 Oct 2019 13:05

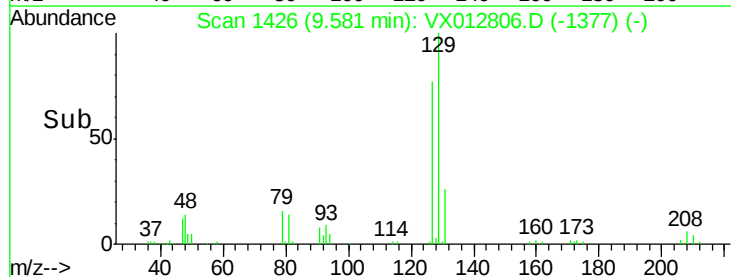
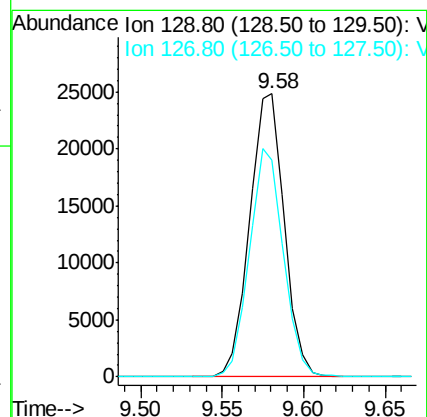
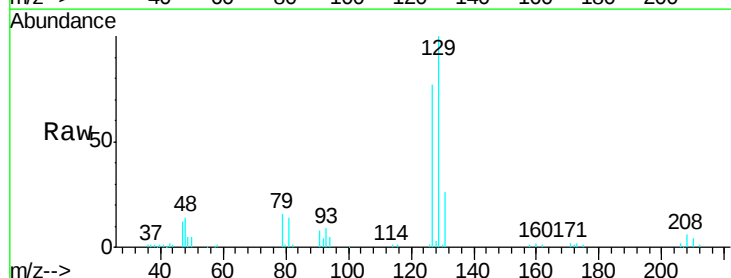
Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

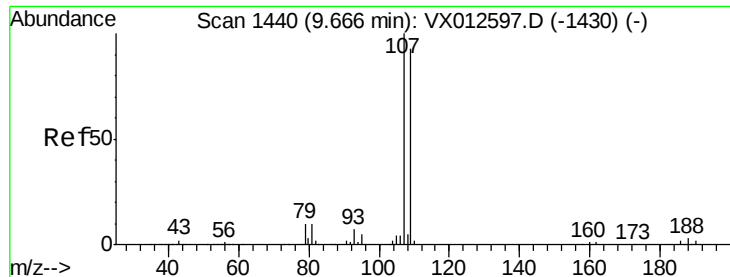
Tgt Ion: 43 Resp: 218250
Ion Ratio Lower Upper
43 100
58 55.4 25.7 77.1



#60
Dibromochloromethane
Concen: 18.069 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012806.D
Acq: 04 Oct 2019 13:05

Tgt Ion: 129 Resp: 36666
Ion Ratio Lower Upper
129 100
127 79.1 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.160 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

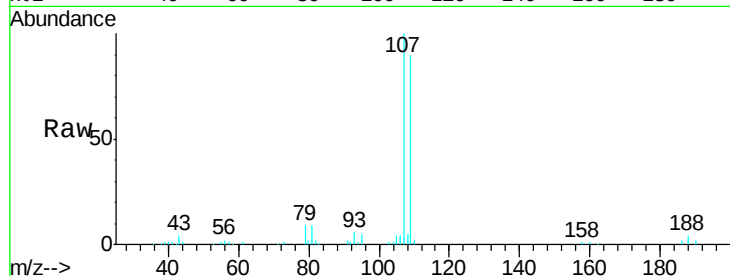
VX1004MBS01

Tgt Ion: 107 Resp: 39972

Ion Ratio Lower Upper

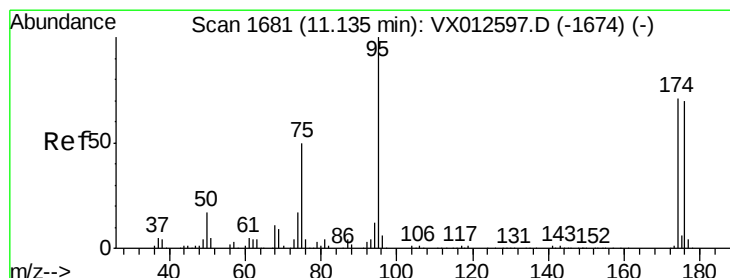
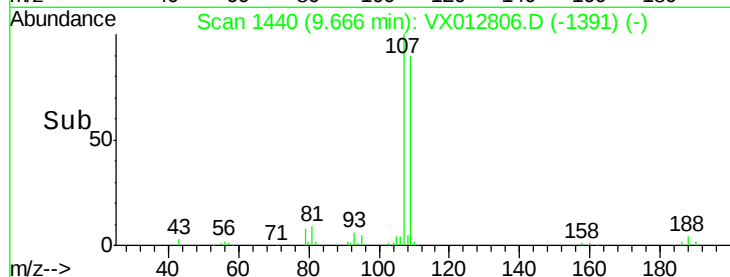
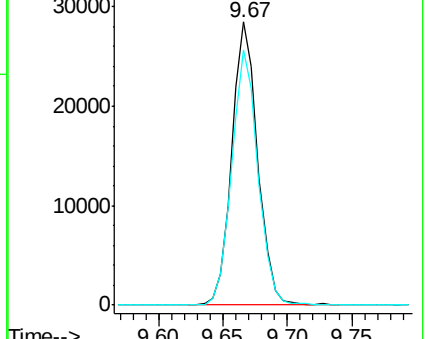
107 100

109 91.1 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.451 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

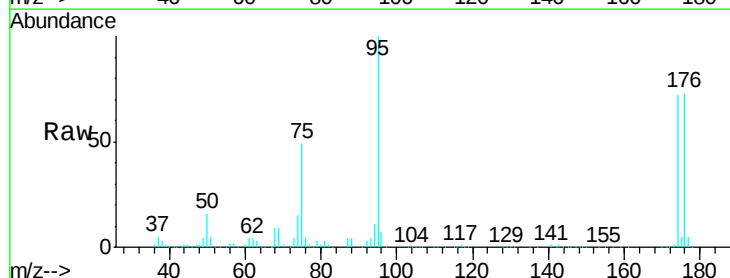
Tgt Ion: 95 Resp: 123596

Ion Ratio Lower Upper

95 100

174 71.6 0.0 140.0

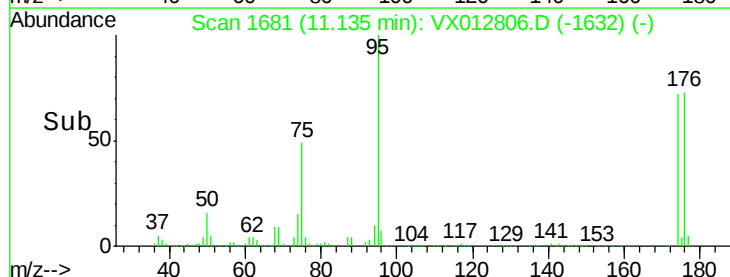
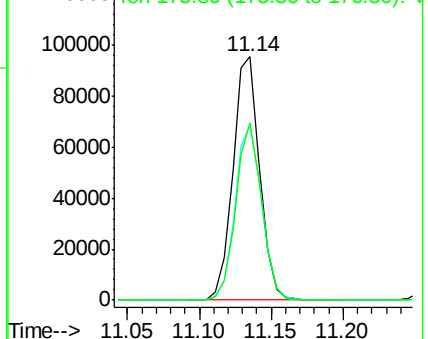
176 70.0 0.0 135.4

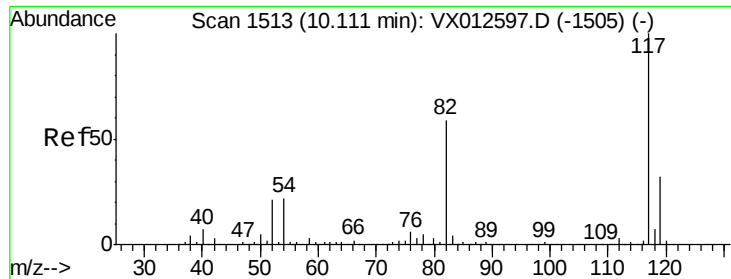


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

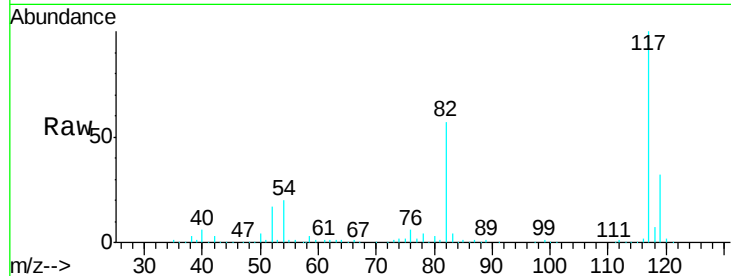




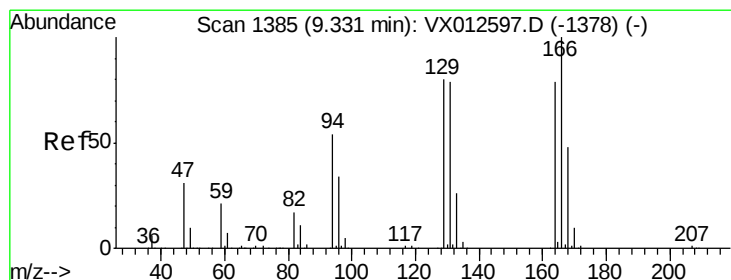
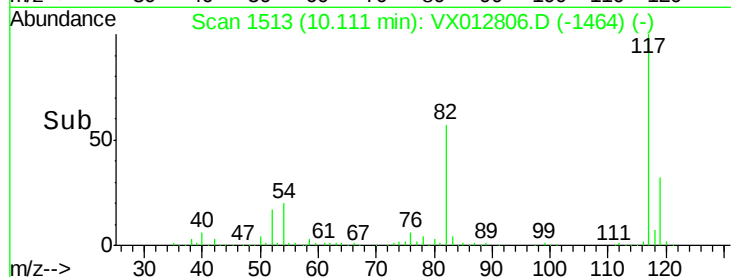
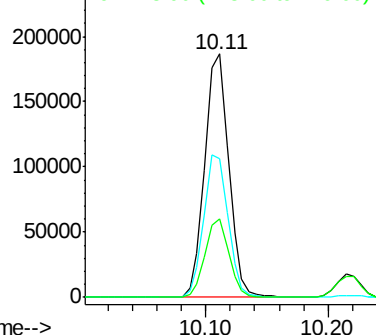
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012806.D
Acq: 04 Oct 2019 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

Tgt Ion:117 Resp: 253382
Ion Ratio Lower Upper
117 100
82 57.2 45.9 68.9
119 32.4 25.3 37.9



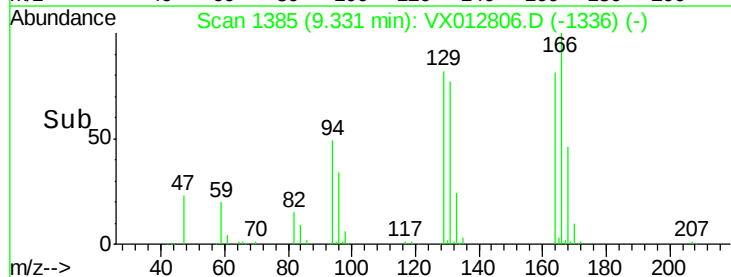
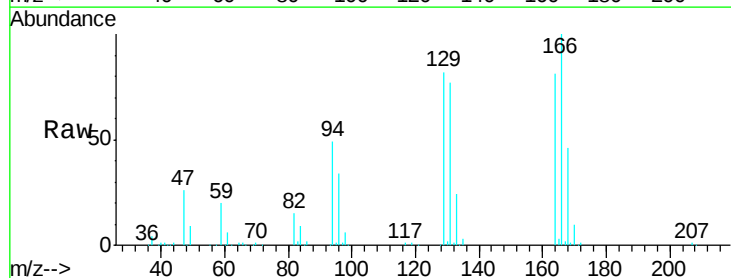
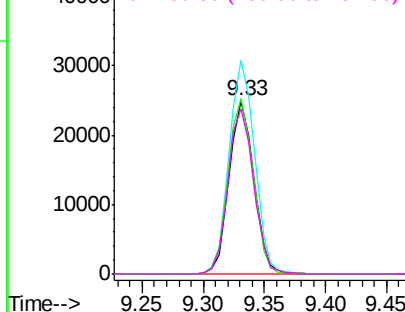
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

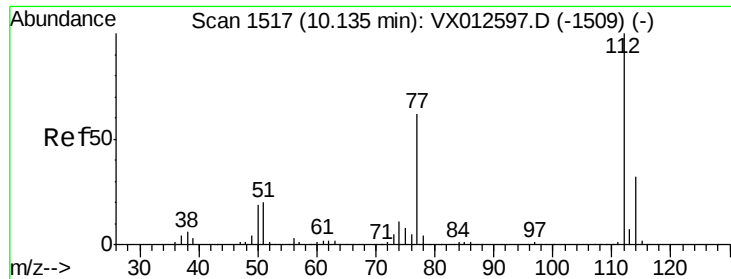


#64
Tetrachloroethene
Concen: 19.750 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012806.D
Acq: 04 Oct 2019 13:05

Tgt Ion:164 Resp: 34890
Ion Ratio Lower Upper
164 100
166 123.2 107.8 161.6
129 101.0 86.2 129.2
131 95.0 80.4 120.6

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.483 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

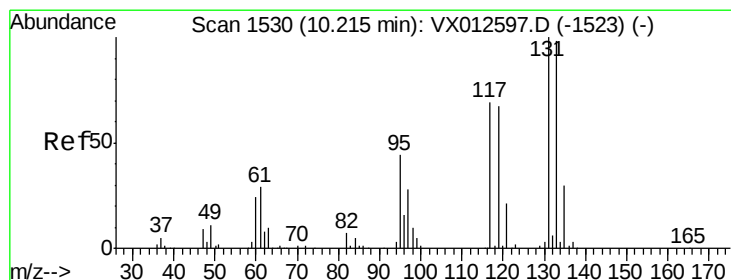
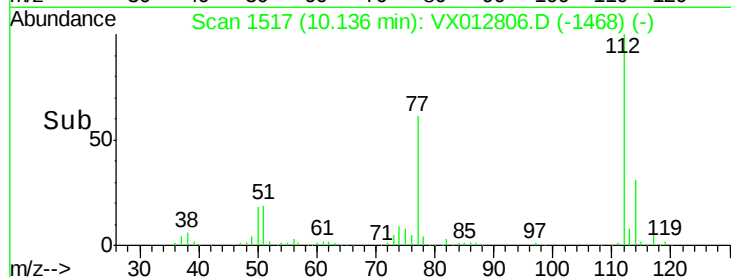
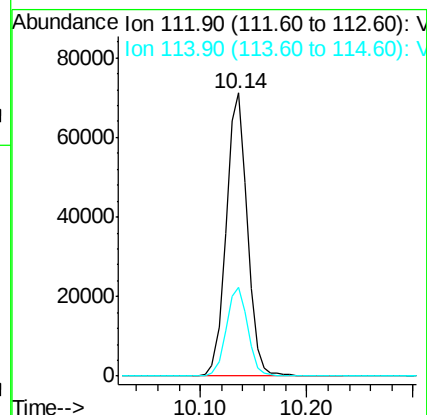
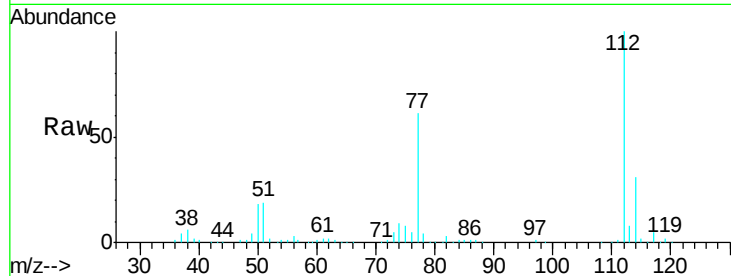
VX1004MBS01

Tgt Ion:112 Resp: 98621

Ion Ratio Lower Upper

112 100

114 31.4 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 18.670 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

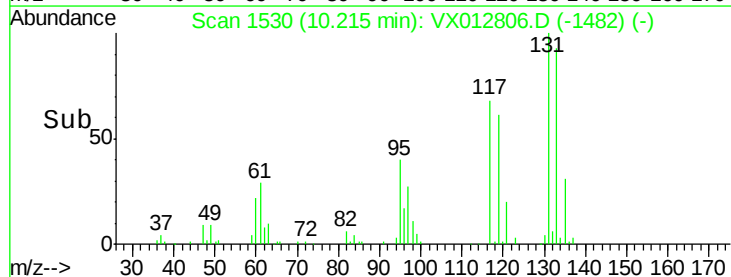
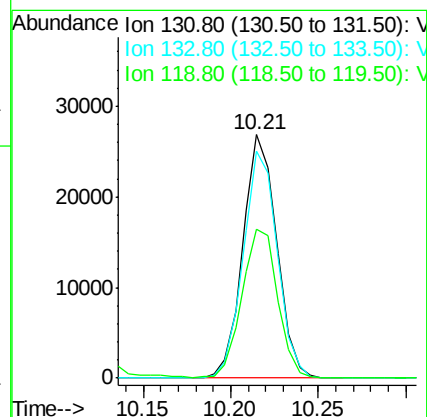
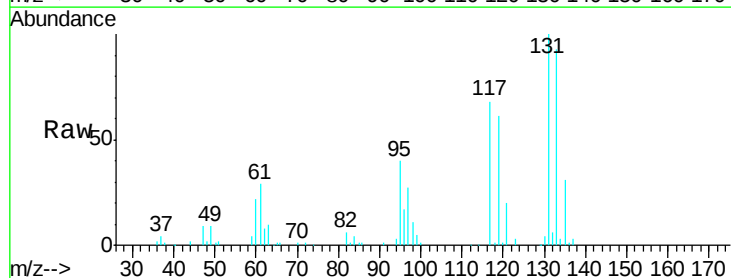
Tgt Ion:131 Resp: 36093

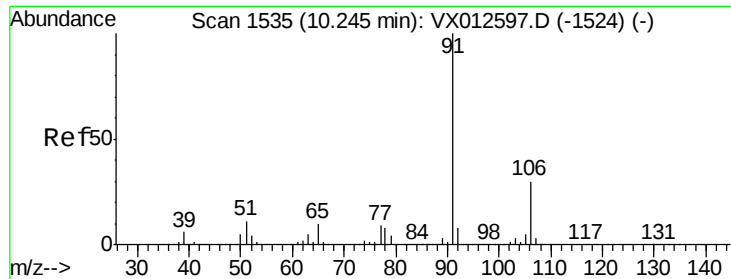
Ion Ratio Lower Upper

131 100

133 94.2 47.6 142.9

119 64.5 31.3 93.8





#67

Ethyl Benzene

Concen: 18.190 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

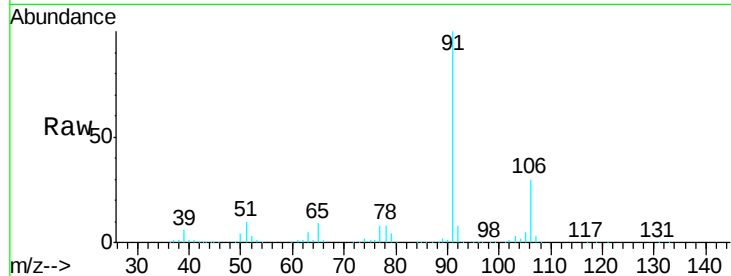
VX1004MBS01

Tgt Ion: 91 Resp: 176033

Ion Ratio Lower Upper

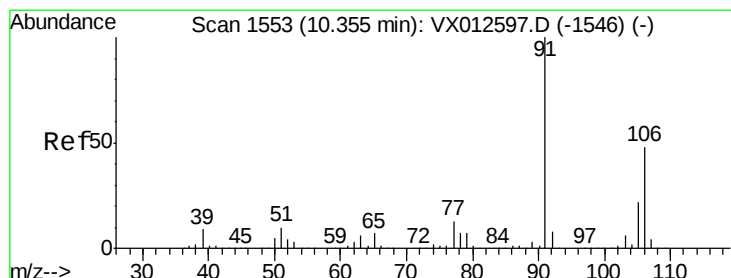
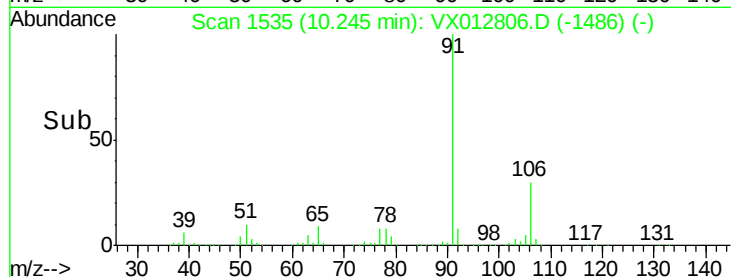
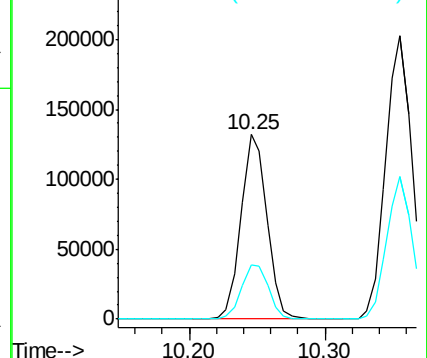
91 100

106 29.6 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.107 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012806.D

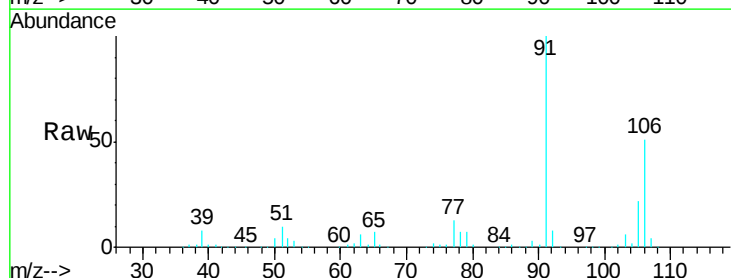
Acq: 04 Oct 2019 13:05

Tgt Ion: 106 Resp: 134520

Ion Ratio Lower Upper

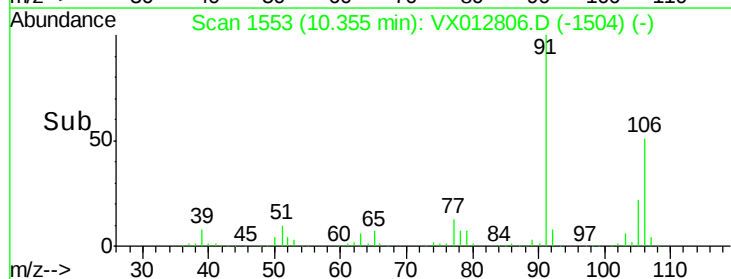
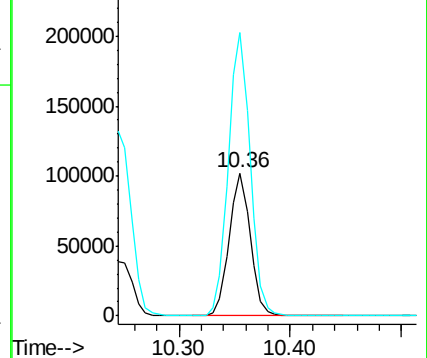
106 100

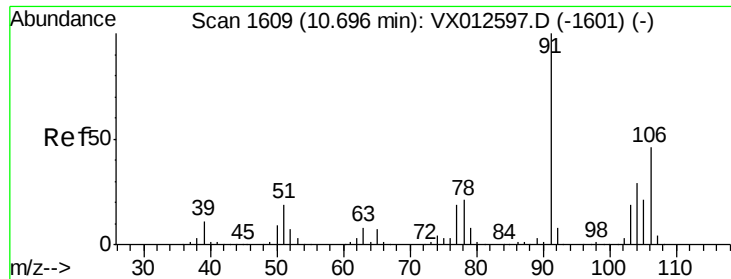
91 204.6 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

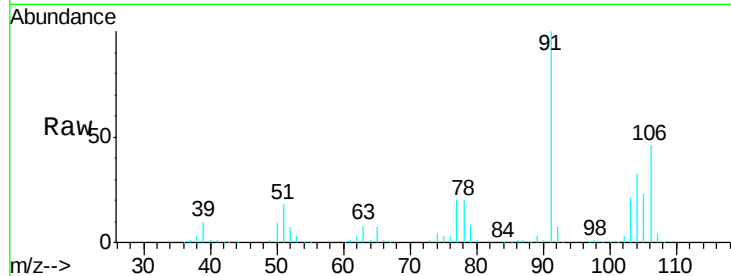




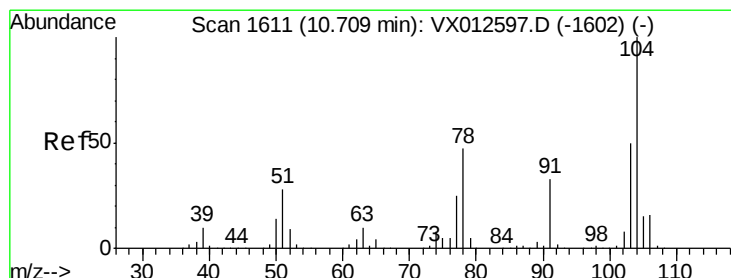
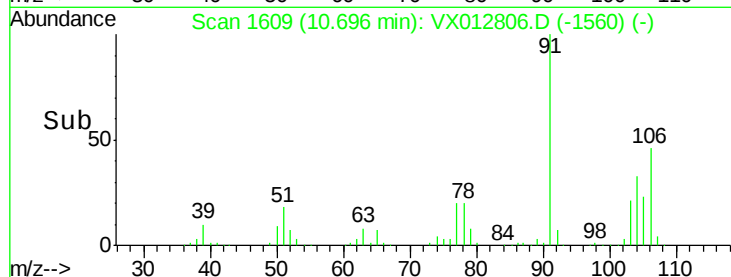
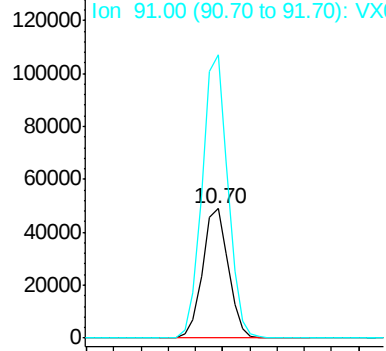
#69
o-Xylene
Concen: 18.386 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012806.D
Acq: 04 Oct 2019 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

Tgt Ion:106 Resp: 64497
Ion Ratio Lower Upper
106 100
91 218.0 109.4 328.2

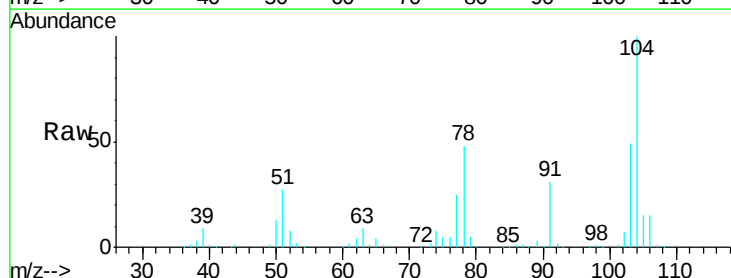


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

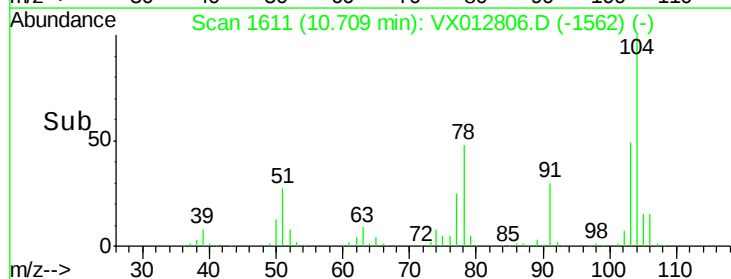
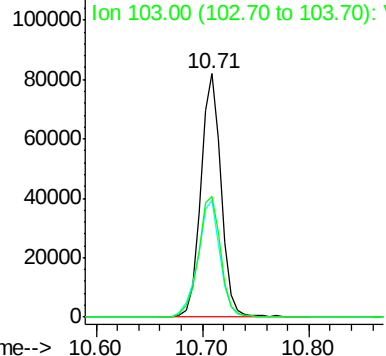


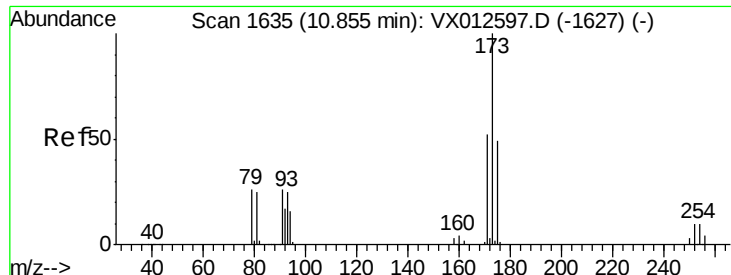
#70
Styrene
Concen: 18.517 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012806.D
Acq: 04 Oct 2019 13:05

Tgt Ion:104 Resp: 108889
Ion Ratio Lower Upper
104 100
78 52.4 43.4 65.2
103 54.4 43.3 64.9



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: 17.535 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBS01

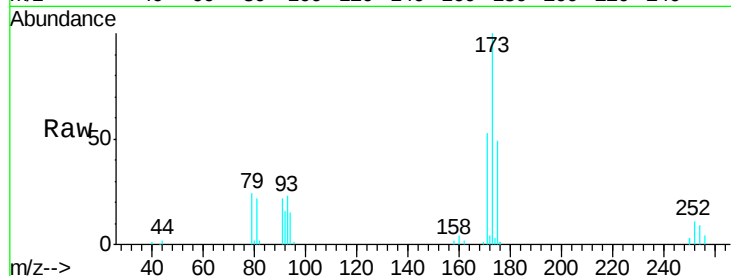
Tgt Ion:173 Resp: 23604

Ion Ratio Lower Upper

173 100

175 49.1 23.7 71.1

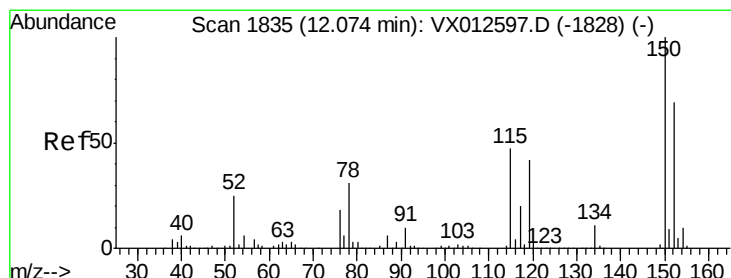
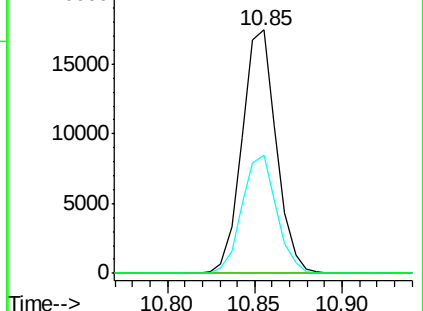
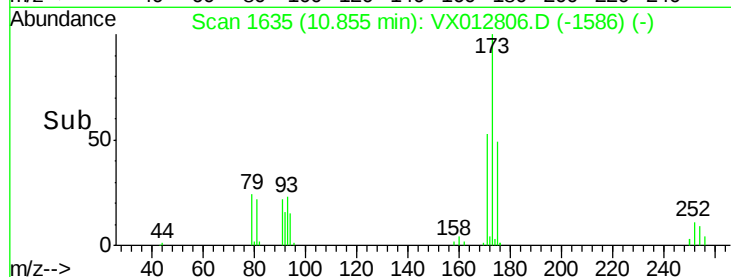
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

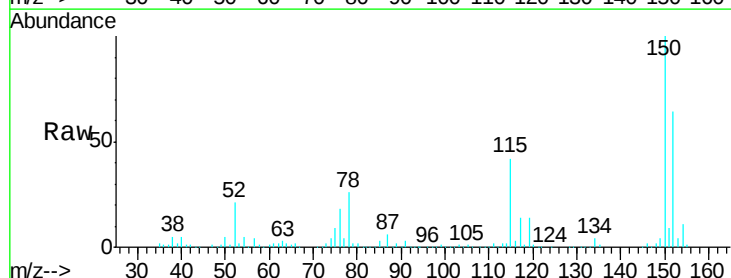
Tgt Ion:152 Resp: 116930

Ion Ratio Lower Upper

152 100

115 72.7 44.1 132.3

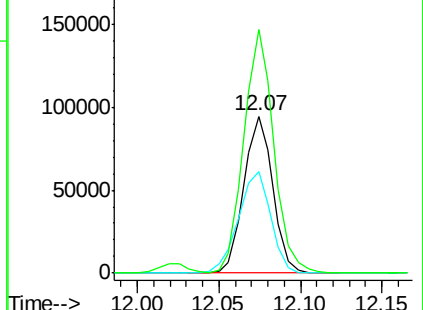
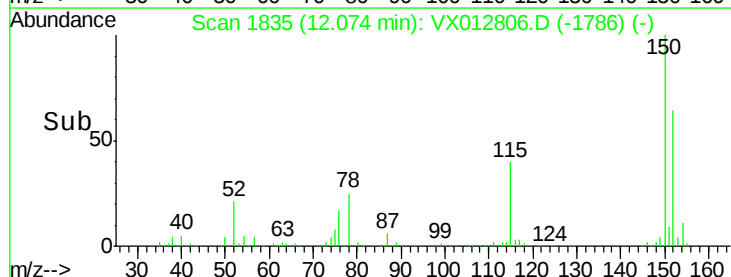
150 161.1 0.0 343.8

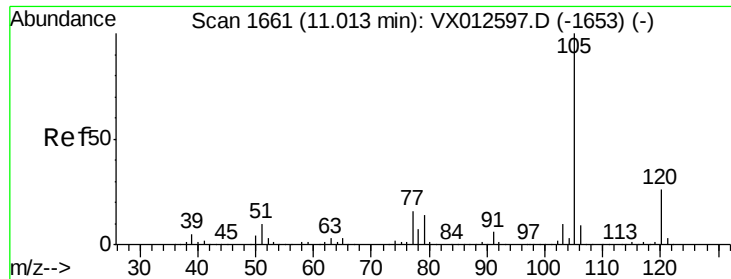


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.275 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

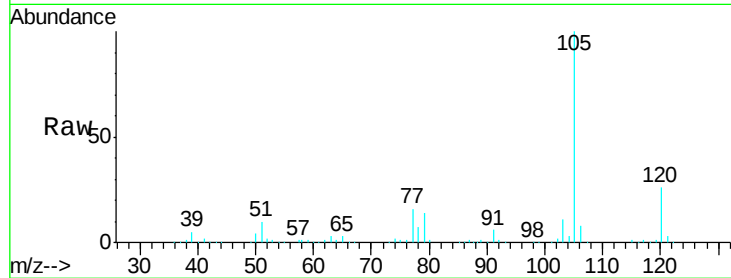
VX1004MBS01

Tgt Ion: 105 Resp: 174046

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

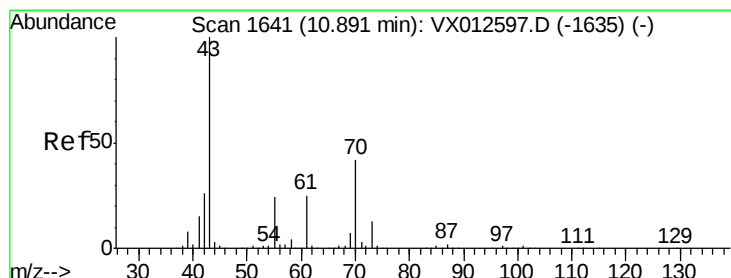
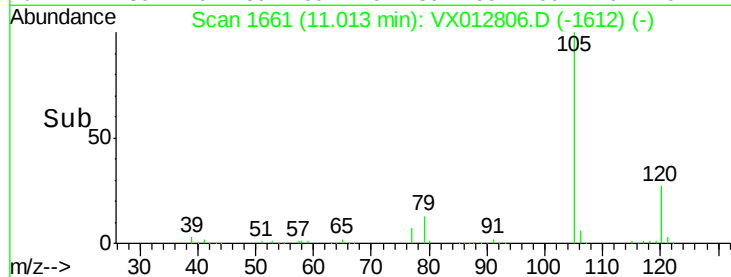
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 16.489 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Tgt Ion: 43 Resp: 74914

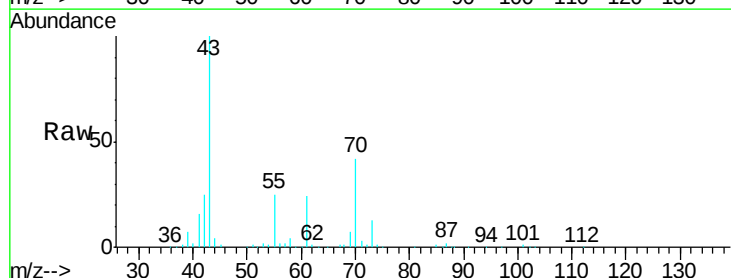
Ion Ratio Lower Upper

43 100

70 43.5 32.4 48.6

55 25.3 18.2 27.4

61 24.5 18.5 27.7



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

10.89

80000

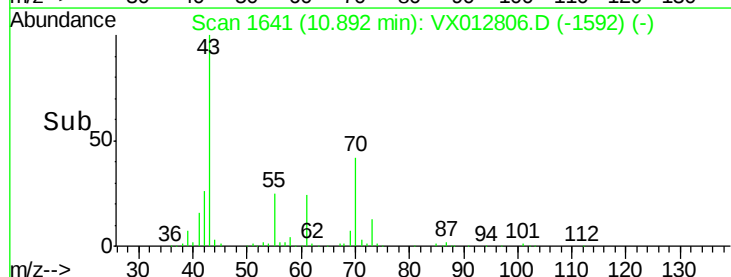
60000

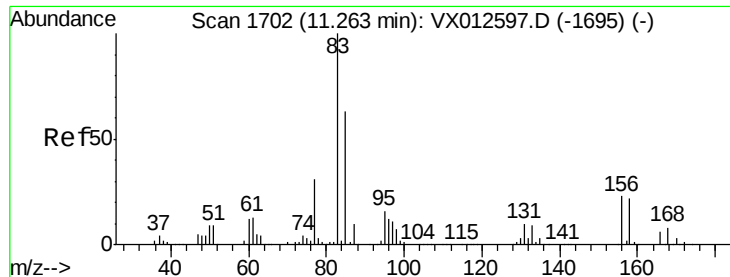
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.216 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBS01

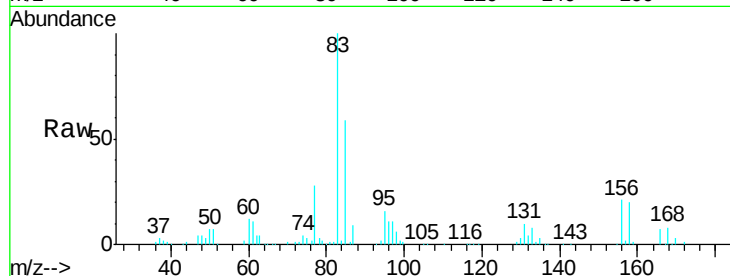
Tgt Ion: 83 Resp: 57453

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

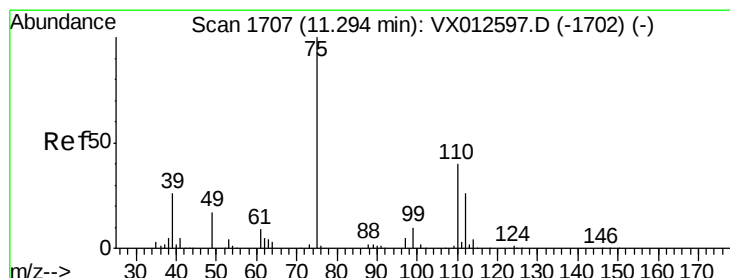
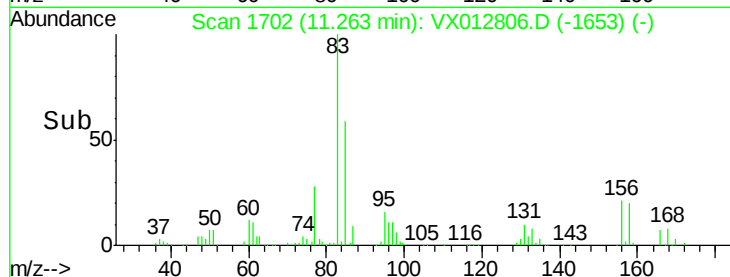
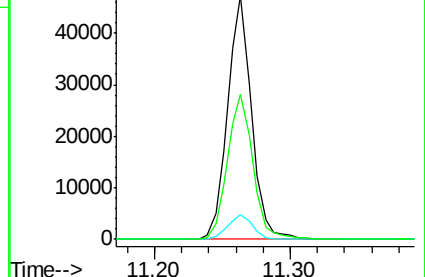
85 63.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.628 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX012806.D

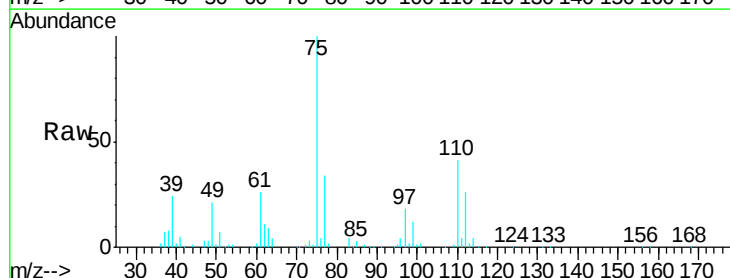
Acq: 04 Oct 2019 13:05

Tgt Ion: 75 Resp: 63805

Ion Ratio Lower Upper

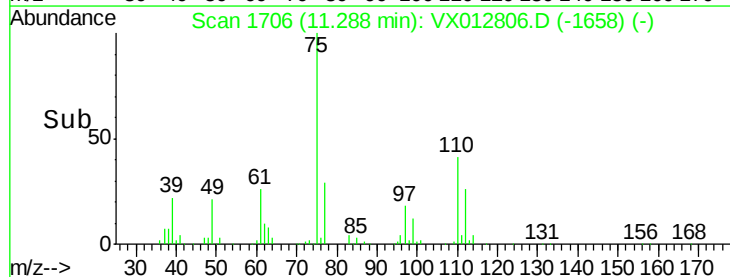
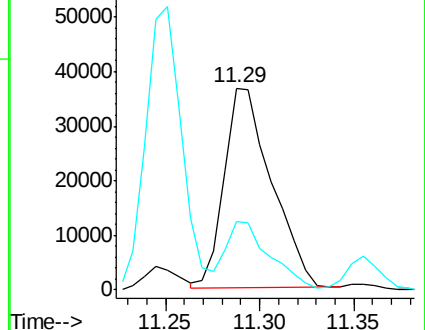
75 100

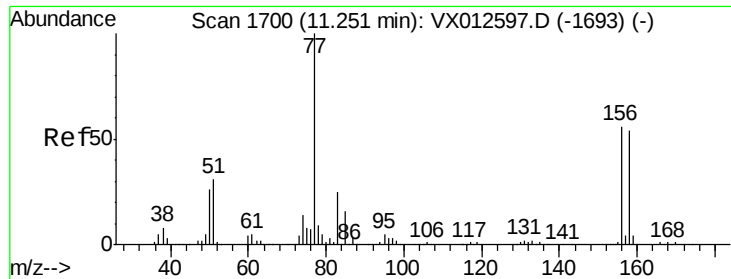
77 31.7 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.546 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBS01

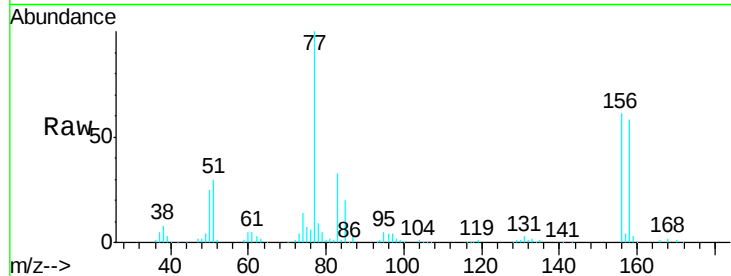
Tgt Ion:156 Resp: 39975

Ion Ratio Lower Upper

156 100

77 174.5 87.3 261.8

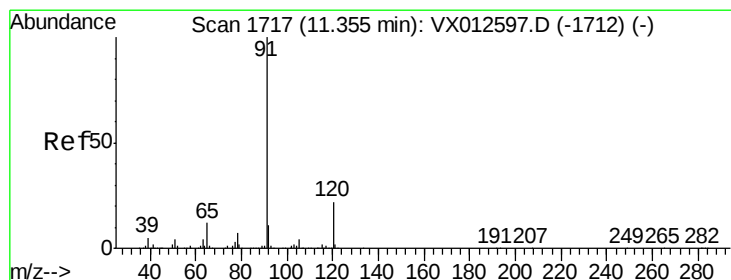
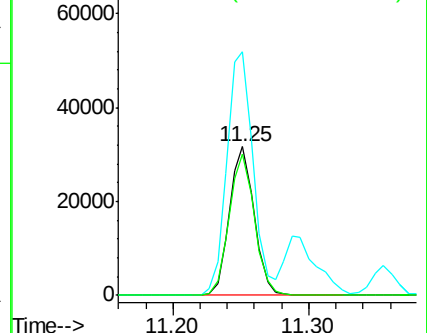
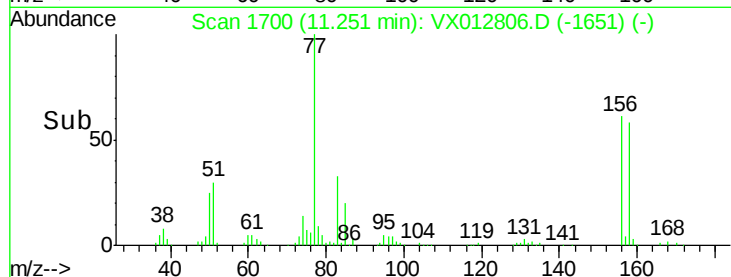
158 96.9 48.5 145.6



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: 17.572 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012806.D

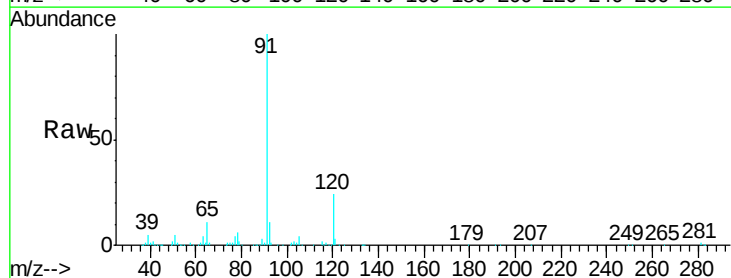
Acq: 04 Oct 2019 13:05

Tgt Ion: 91 Resp: 188403

Ion Ratio Lower Upper

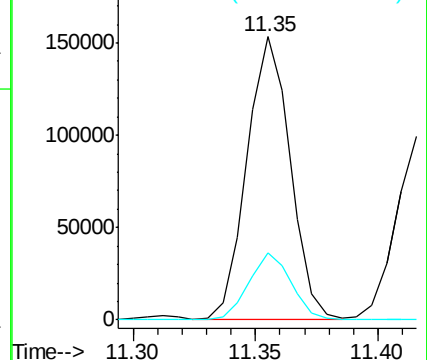
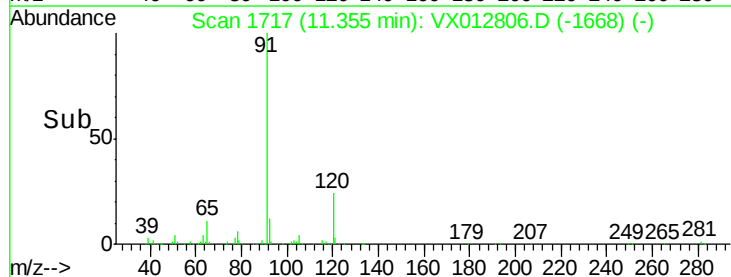
91 100

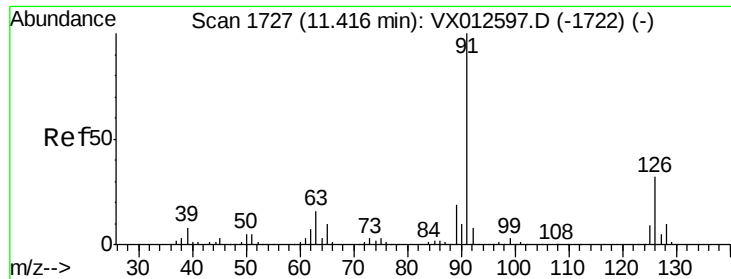
120 23.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

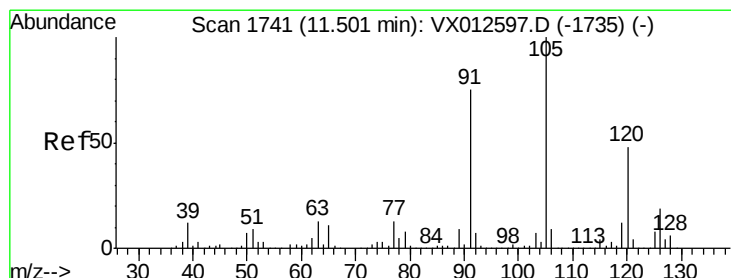
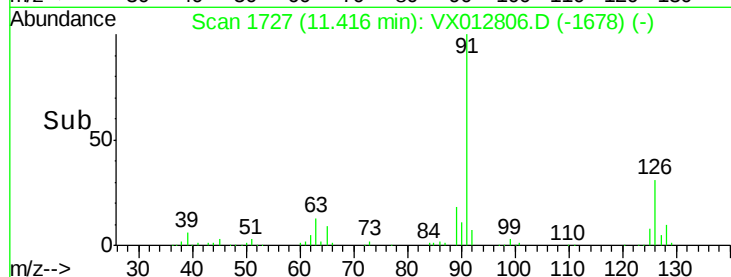
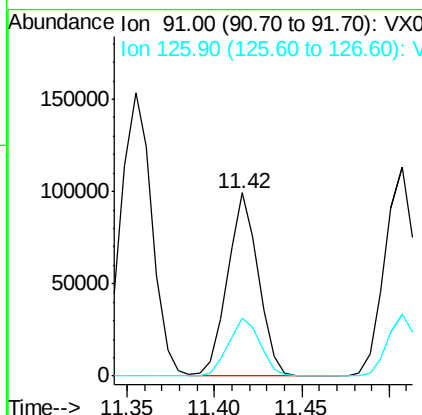
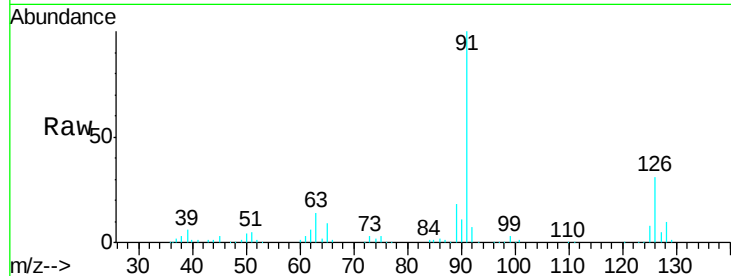




#79
 2-Chlorotoluene
 Concen: 18.033 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012806.D
 Acq: 04 Oct 2019 13:05

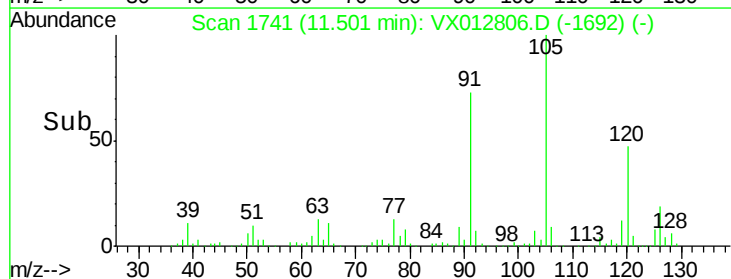
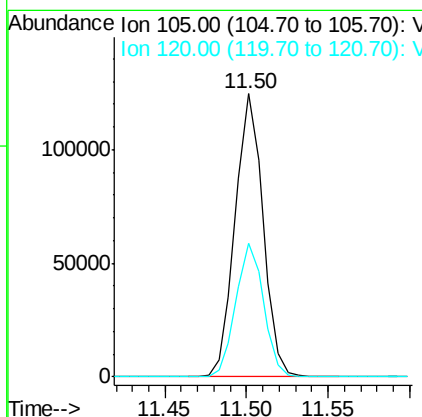
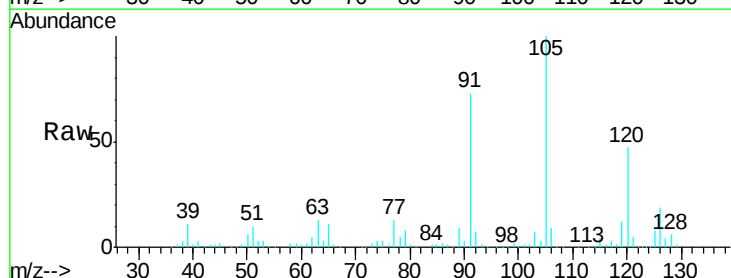
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBS01

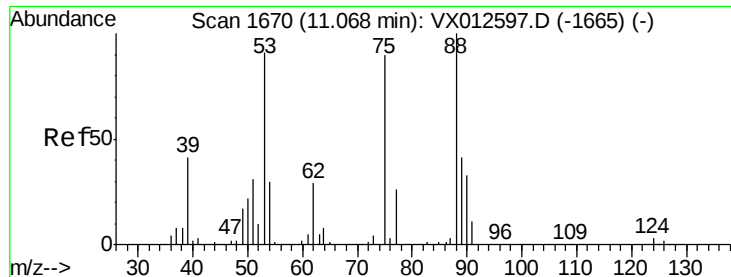
Tgt Ion: 91 Resp: 120616
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 18.570 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012806.D
 Acq: 04 Oct 2019 13:05

Tgt Ion: 105 Resp: 148304
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 15.616 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBS01

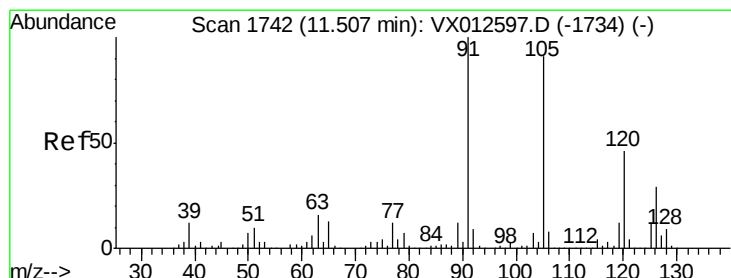
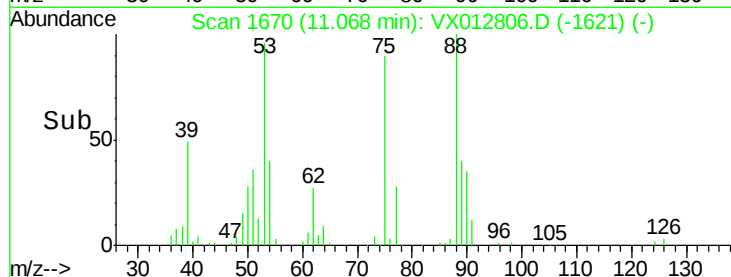
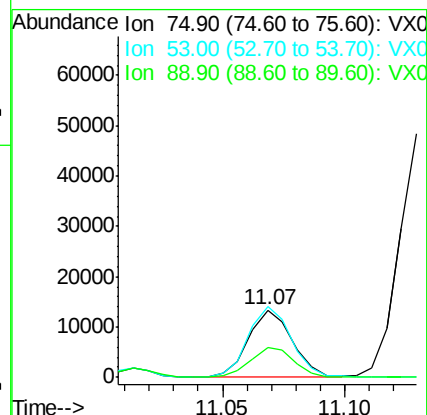
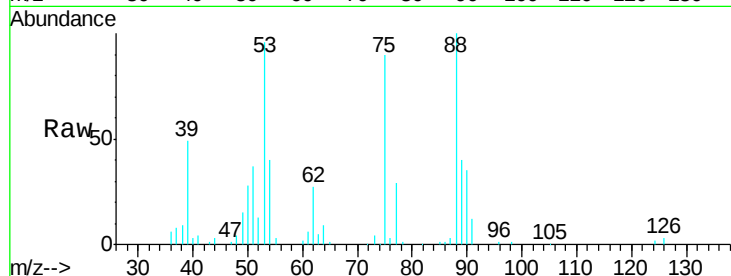
Tgt Ion: 75 Resp: 16855

Ion Ratio Lower Upper

75 100

53 104.4 83.6 125.4

89 44.7 36.3 54.5



#82

4-Chlorotoluene

Concen: 18.013 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012806.D

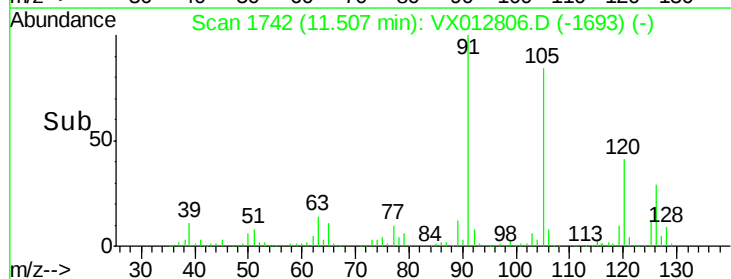
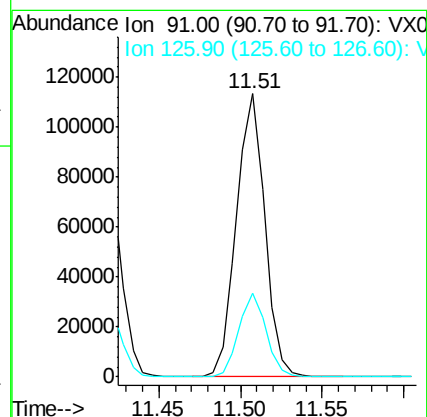
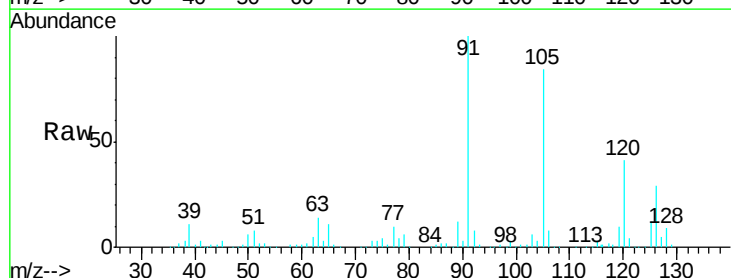
Acq: 04 Oct 2019 13:05

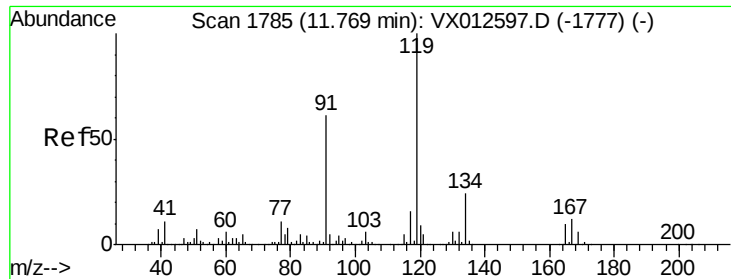
Tgt Ion: 91 Resp: 137344

Ion Ratio Lower Upper

91 100

126 28.4 14.4 43.0

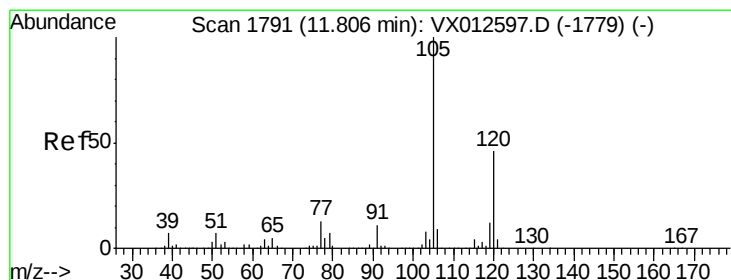
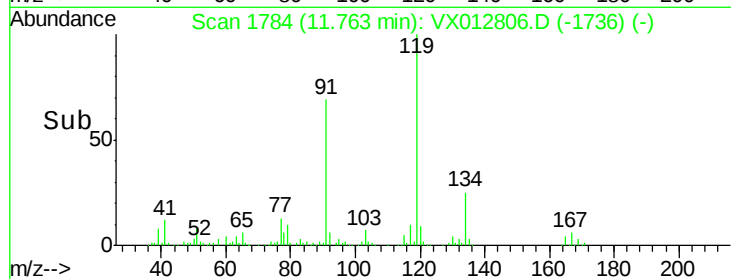
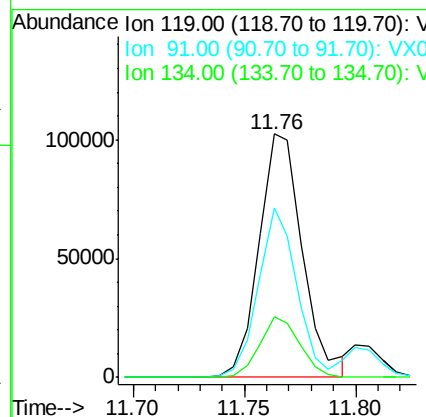
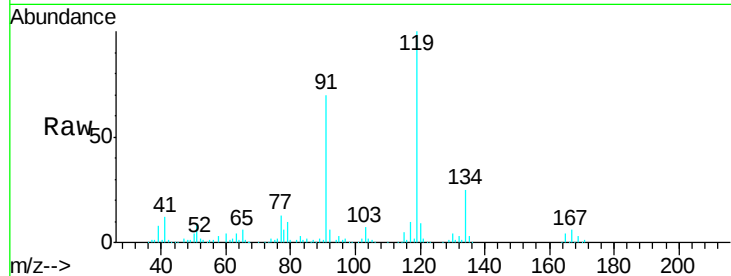




#83
 tert-Butylbenzene
 Concen: 18.079 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012806.D
 Acq: 04 Oct 2019 13:05

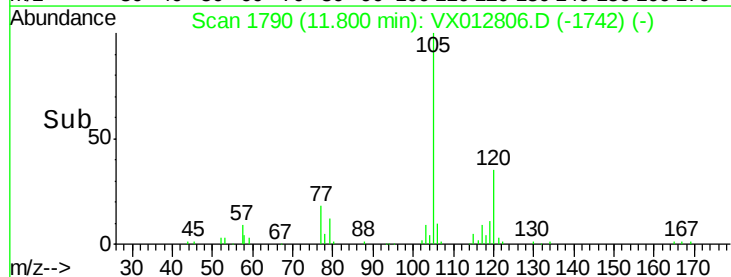
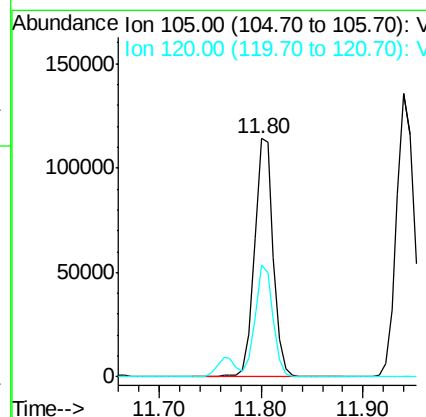
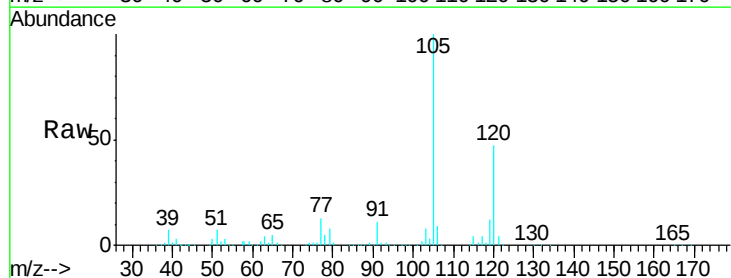
Instrument :
 MSVOA_X
 ClientSampled :
 VX1004MBS01

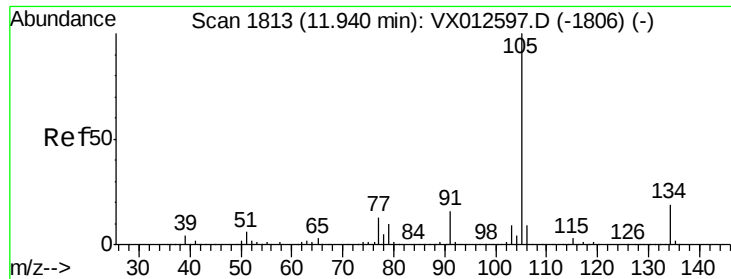
Tgt Ion:119 Resp: 139275
 Ion Ratio Lower Upper
 119 100
 91 61.6 30.0 90.0
 134 23.1 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 18.193 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012806.D
 Acq: 04 Oct 2019 13:05

Tgt Ion:105 Resp: 146567
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.2 66.6

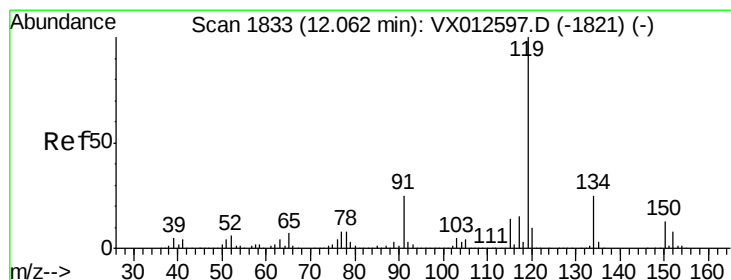
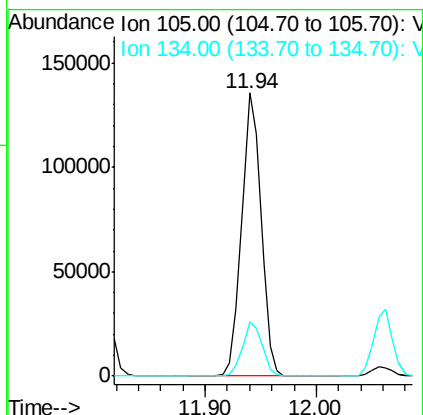
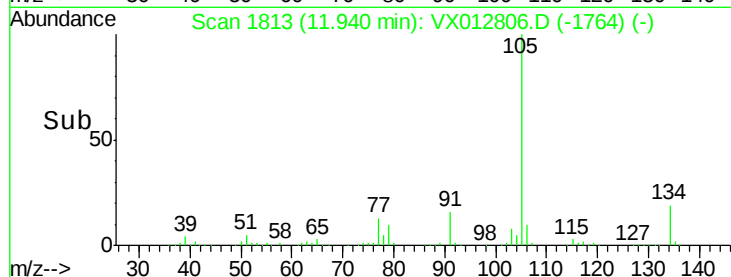
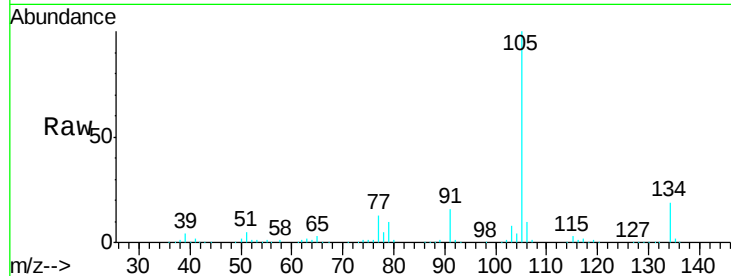




#85
 sec-Butylbenzene
 Concen: 18.410 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012806.D
 Acq: 04 Oct 2019 13:05

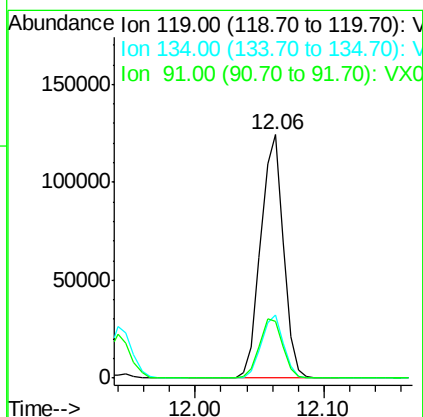
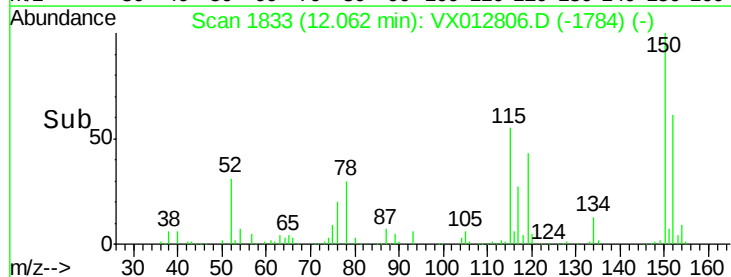
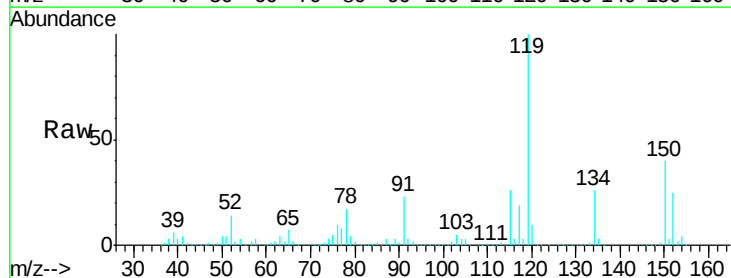
Instrument :
 MSVOA_X
 ClientSampled :
 VX1004MBS01

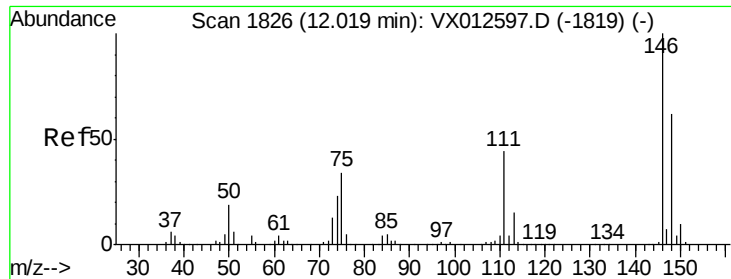
Tgt Ion:105 Resp: 164963
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 18.624 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012806.D
 Acq: 04 Oct 2019 13:05

Tgt Ion:119 Resp: 150578
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.7 38.1
 91 25.1 12.8 38.4

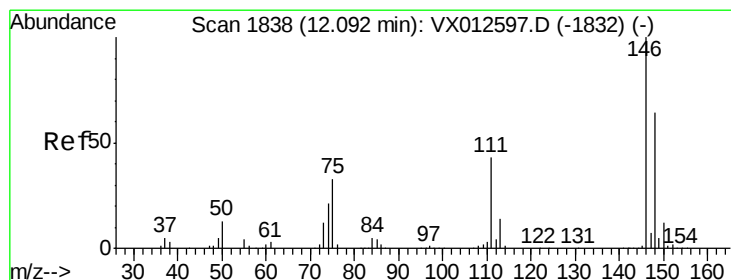
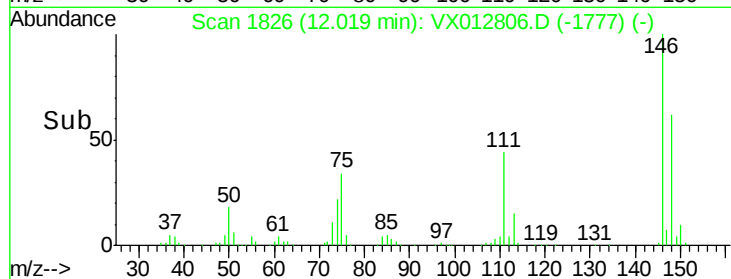
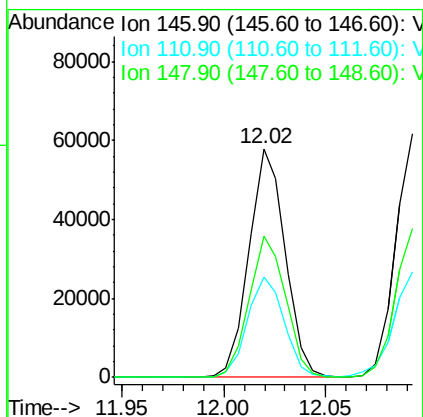
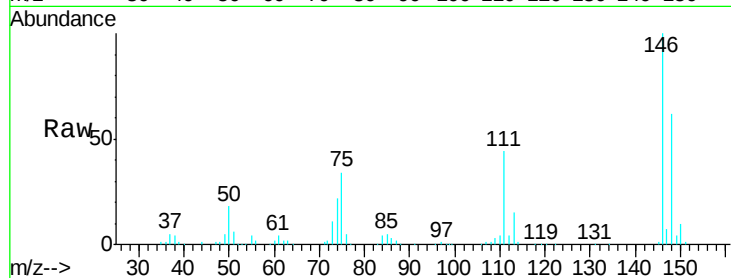




#87
 1,3-Dichlorobenzene
 Concen: 18.503 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012806.D
 Acq: 04 Oct 2019 13:05

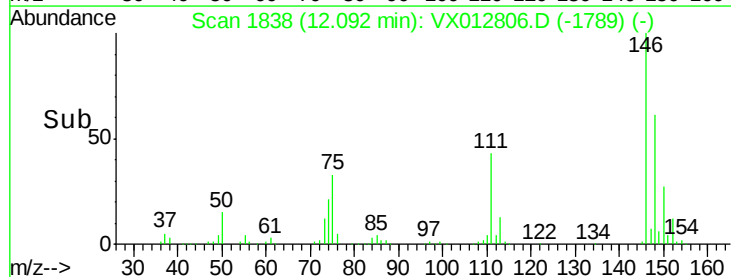
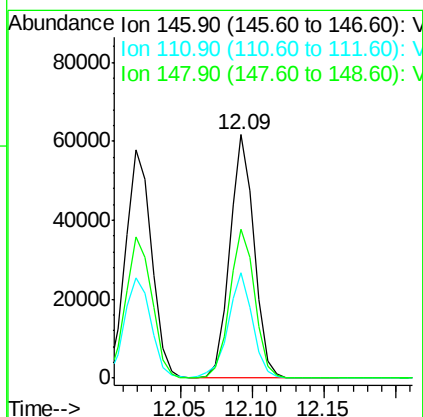
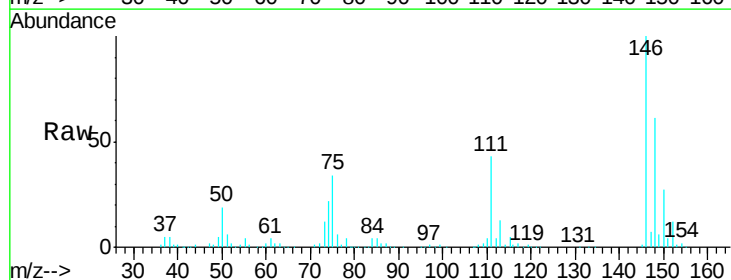
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBS01

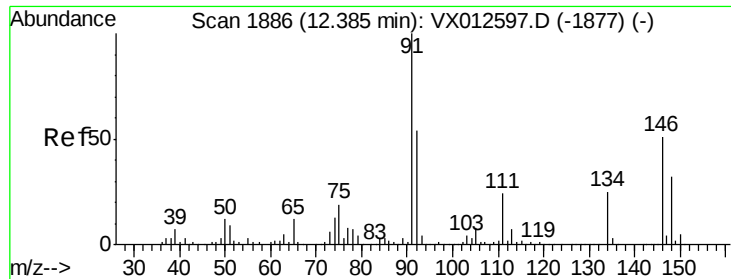
Tgt Ion:146 Resp: 71774
 Ion Ratio Lower Upper
 146 100
 111 44.6 21.3 64.0
 148 62.4 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 18.717 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012806.D
 Acq: 04 Oct 2019 13:05

Tgt Ion:146 Resp: 73365
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.1 63.3
 148 63.5 32.1 96.5





#89

n-Butylbenzene

Concen: 17.017 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012806.D

Acq: 04 Oct 2019 13:05

Instrument :

MSVOA_X

ClientSampled :

VX1004MBS01

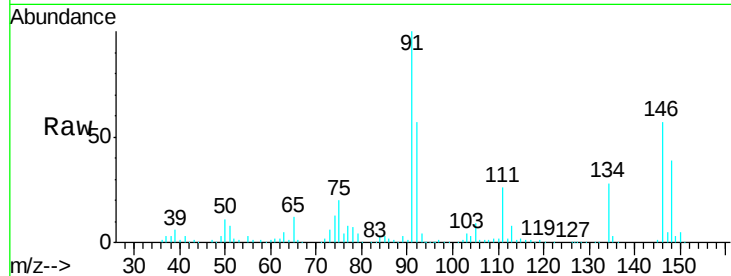
Tgt Ion: 91 Resp: 121239

Ion Ratio Lower Upper

91 100

92 55.9 27.7 83.0

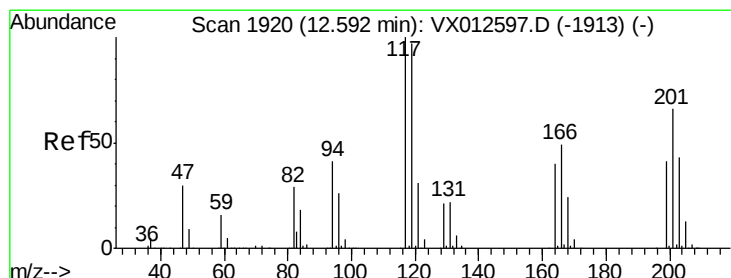
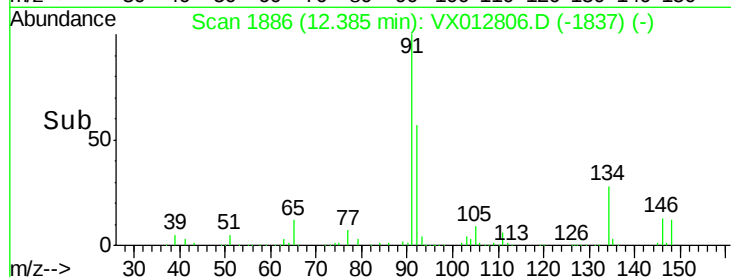
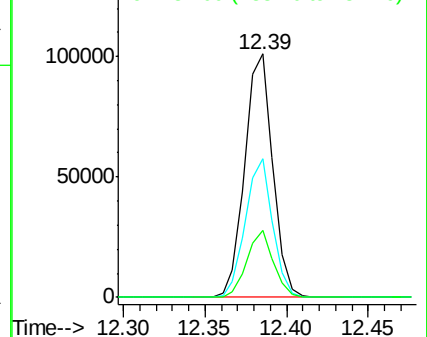
134 26.0 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 16.439 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012806.D

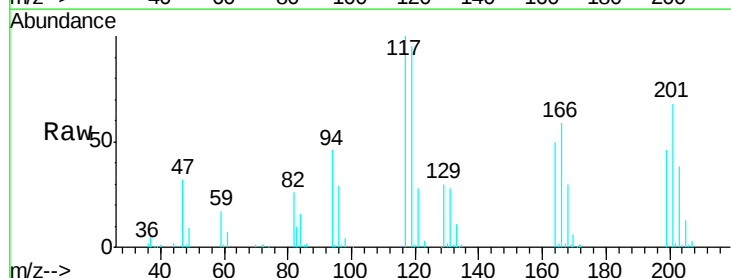
Acq: 04 Oct 2019 13:05

Tgt Ion: 117 Resp: 23695

Ion Ratio Lower Upper

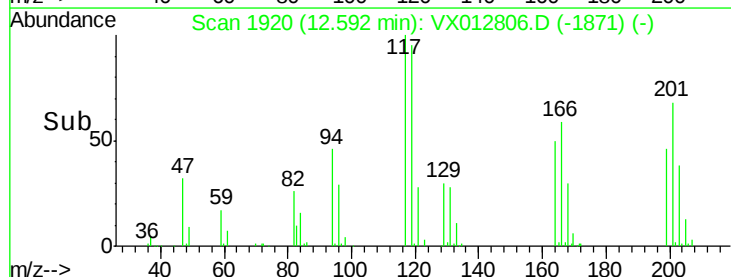
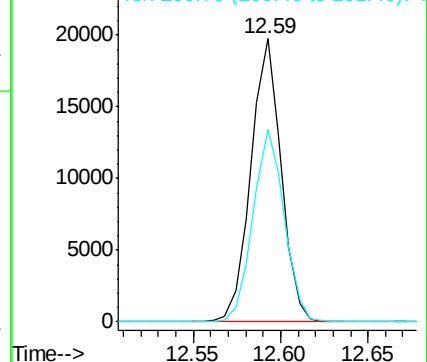
117 100

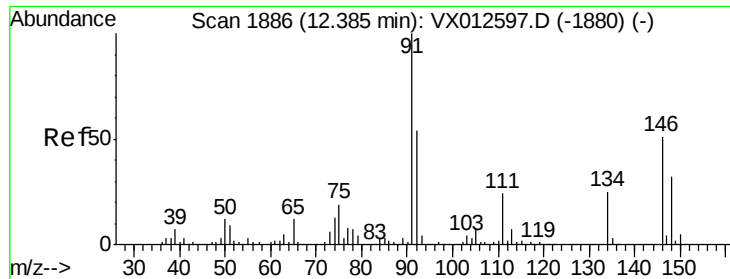
201 70.2 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

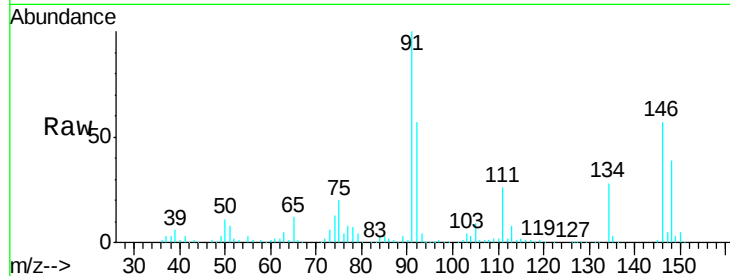




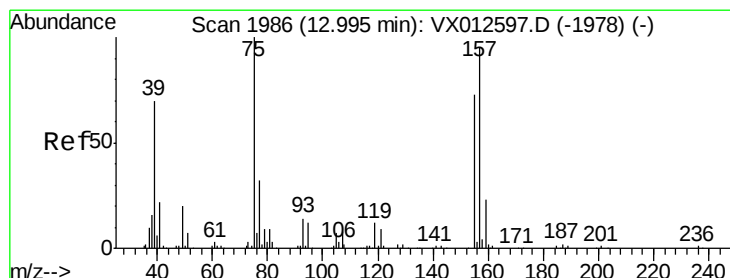
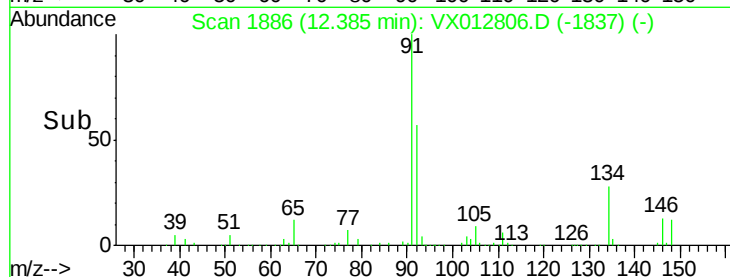
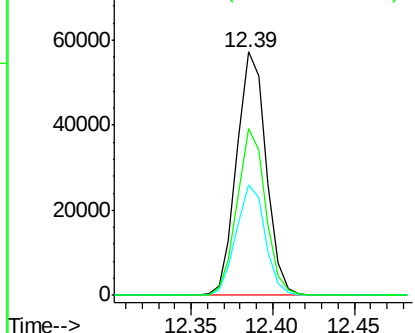
#91
 1,2-Dichlorobenzene
 Concen: 18.547 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012806.D
 Acq: 04 Oct 2019 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBS01

Tgt Ion: 146 Resp: 72027
 Ion Ratio Lower Upper
 146 100
 111 44.8 22.1 66.1
 148 66.4 31.3 93.9

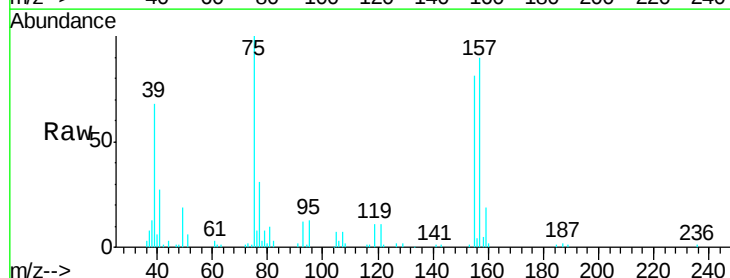


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

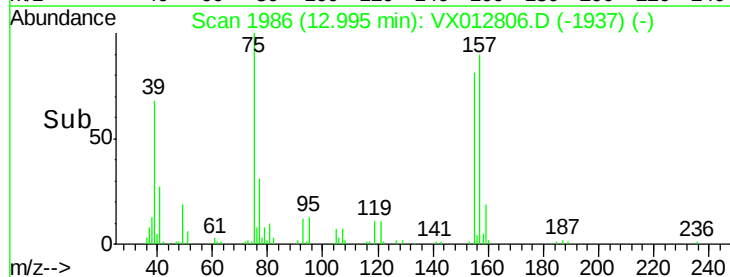
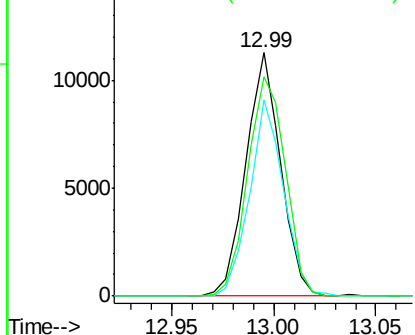


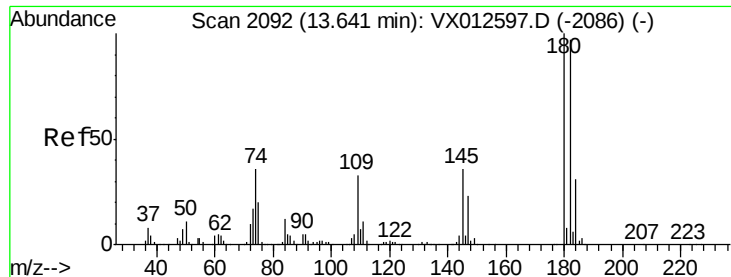
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.890 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012806.D
 Acq: 04 Oct 2019 13:05

Tgt Ion: 75 Resp: 13326
 Ion Ratio Lower Upper
 75 100
 155 79.3 38.6 115.8
 157 98.1 50.6 151.9



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

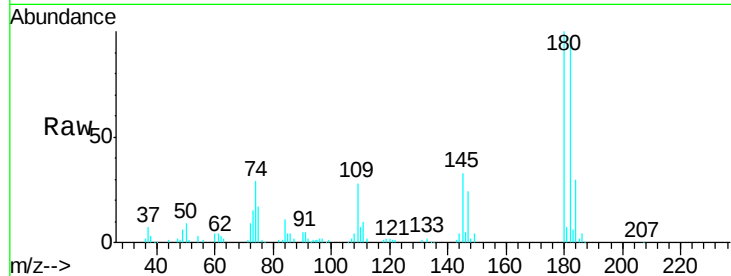




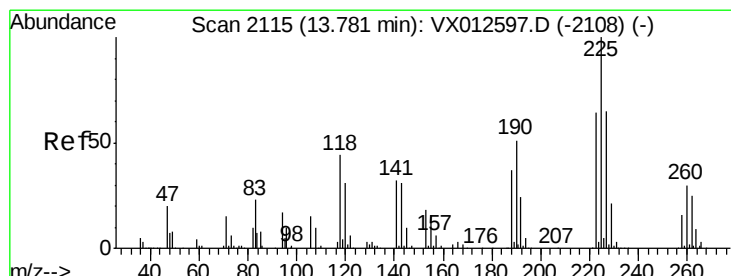
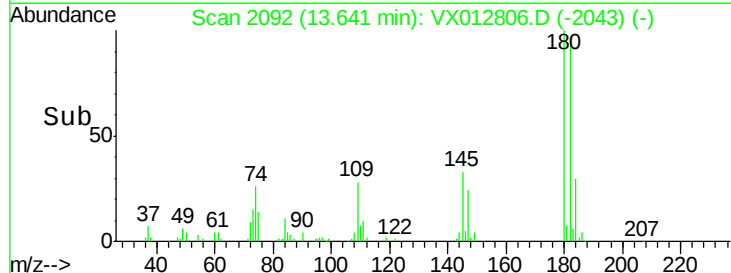
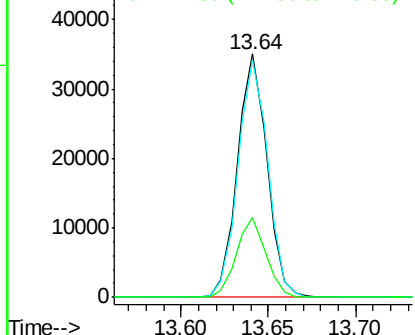
#93
 1,2,4-Trichlorobenzene
 Concen: 17.379 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012806.D
 Acq: 04 Oct 2019 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBS01

Tgt Ion:180 Resp: 41160
 Ion Ratio Lower Upper
 180 100
 182 98.3 47.0 141.0
 145 32.8 16.8 50.4

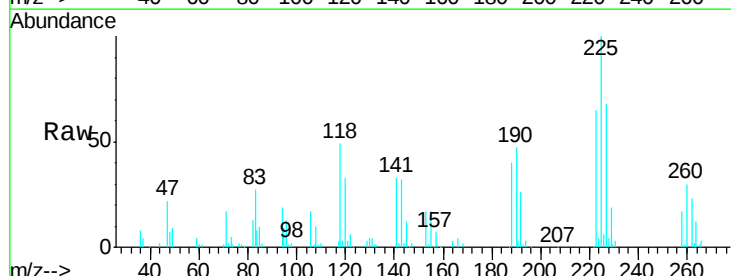


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

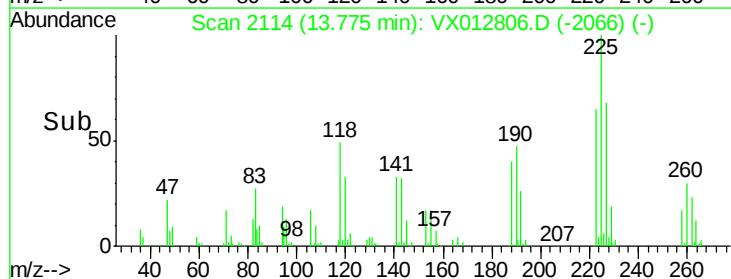
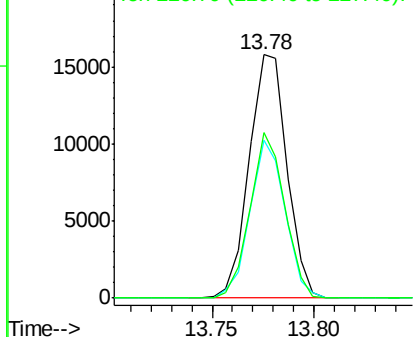


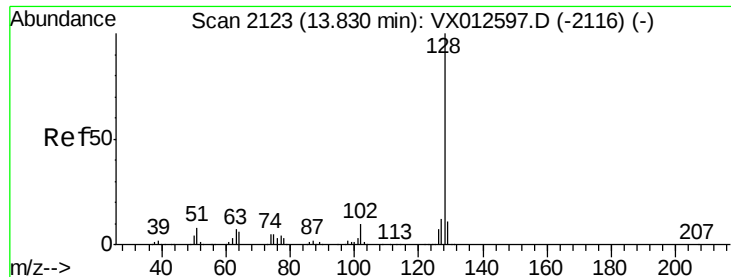
#94
 Hexachlorobutadiene
 Concen: 19.985 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012806.D
 Acq: 04 Oct 2019 13:05

Tgt Ion:225 Resp: 20362
 Ion Ratio Lower Upper
 225 100
 223 60.4 32.0 96.2
 227 62.3 31.9 95.5



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

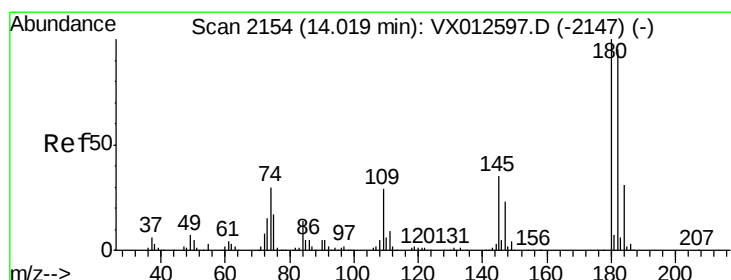
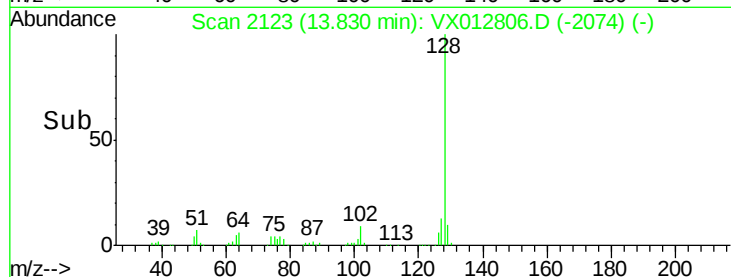
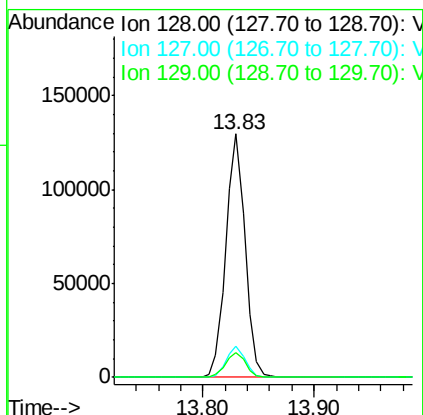
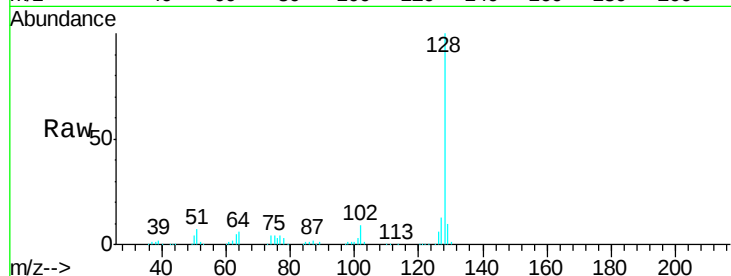




#95
Naphthalene
Concen: 18.051 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012806.D
Acq: 04 Oct 2019 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBS01

Tgt Ion:128 Resp: 154674
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.669 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012806.D
Acq: 04 Oct 2019 13:05

Tgt Ion:180 Resp: 41918
Ion Ratio Lower Upper
180 100
182 98.7 47.1 141.3
145 37.6 18.0 54.0

