

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080919\
 Data File : VX011405.D
 Acq On : 09 Aug 2019 13:22
 Operator : JC/SP
 Sample : VX0809WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS02

Quant Time: Aug 10 23:59:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	169339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	249645	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	228510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119297	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	95683	56.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.22%	
35) Dibromofluoromethane	5.49	113	81259	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	8.71	98	305105	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.13	95	112313	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	23784	18.185	ug/l 97
3) Chloromethane	1.32	50	24913	16.963	ug/l 99
4) Vinyl Chloride	1.40	62	27856	17.242	ug/l 95
5) Bromomethane	1.63	94	21627	18.770	ug/l 97
6) Chloroethane	1.71	64	19162	17.454	ug/l 99
7) Trichlorofluoromethane	1.92	101	50138	17.454	ug/l 99
8) Diethyl Ether	2.18	74	17848	17.401	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	28170	18.124	ug/l 98
10) Methyl Iodide	2.50	142	33395	17.042	ug/l 98
11) Tert butyl alcohol	3.03	59	35417	104.164	ug/l 99
12) 1,1-Dichloroethene	2.37	96	27105	17.592	ug/l 89
13) Acrolein	2.29	56	19621	92.579	ug/l 99
14) Allyl chloride	2.72	41	42189	20.540	ug/l 97
15) Acrylonitrile	3.14	53	82911	102.171	ug/l 98
16) Acetone	2.43	43	78290	96.451	ug/l 95
17) Carbon Disulfide	2.56	76	62407	17.261	ug/l 100
18) Methyl Acetate	2.76	43	38479	20.744	ug/l 99
19) Methyl tert-butyl Ether	3.19	73	90946	20.030	ug/l 98
20) Methylene Chloride	2.85	84	31400	17.664	ug/l 95
21) trans-1,2-Dichloroethene	3.16	96	29376	18.024	ug/l 89
22) Diisopropyl ether	3.85	45	88398	19.582	ug/l 94
23) Vinyl Acetate	3.81	43	383874	102.525	ug/l 99
24) 1,1-Dichloroethane	3.69	63	52072	19.562	ug/l 98
25) 2-Butanone	4.66	43	115377	99.924	ug/l 95
26) 2,2-Dichloropropane	4.57	77	41950	20.273	ug/l 96
27) cis-1,2-Dichloroethene	4.59	96	34081	18.155	ug/l 94
28) Bromochloromethane	5.01	49	23526	19.386	ug/l 93
29) Tetrahydrofuran	5.12	42	71530	101.035	ug/l 97
30) Chloroform	5.21	83	56822	19.640	ug/l 97
31) Cyclohexane	5.57	56	39974	18.202	ug/l 95
32) 1,1,1-Trichloroethane	5.49	97	49126	19.822	ug/l 99
36) 1,1-Dichloropropene	5.79	75	39458	18.103	ug/l 98
37) Ethyl Acetate	4.82	43	42314	19.354	ug/l 99
38) Carbon Tetrachloride	5.78	117	42211	19.249	ug/l 95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	42819	16.573	ug/l	99
40) Benzene	6.14	78	121050	18.611	ug/l	99
41) Methacrylonitrile	5.03	41	23314	19.526	ug/l	95
42) 1,2-Dichloroethane	6.19	62	45543	20.707	ug/l	98
43) Isopropyl Acetate	6.43	43	66595	19.052	ug/l	99
44) Trichloroethene	7.21	130	35037	17.797	ug/l	100
45) 1,2-Dichloropropane	7.51	63	30768	18.266	ug/l	97
46) Dibromomethane	7.66	93	22592	18.372	ug/l	97
47) Bromodichloromethane	7.90	83	40977	19.682	ug/l	96
48) Methyl methacrylate	7.76	41	32351	19.666	ug/l	98
49) 1,4-Dioxane	7.74	88	17241	361.521	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	226225	100.285	ug/l	100
52) Toluene	8.78	92	79254	18.430	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	41927	19.149	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	46919	19.292	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	33379	18.878	ug/l	98
56) Ethyl methacrylate	9.18	69	48228	19.141	ug/l	96
57) 1,3-Dichloropropane	9.37	76	53378	19.089	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.30	63	117666	94.976	ug/l	99
59) 2-Hexanone	9.49	43	178657	102.248	ug/l	98
60) Dibromochloromethane	9.58	129	34132	18.855	ug/l	99
61) 1,2-Dibromoethane	9.67	107	36020	18.856	ug/l	98
64) Tetrachloroethene	9.34	164	34980	18.025	ug/l	96
65) Chlorobenzene	10.13	112	89584	18.284	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	33034	19.694	ug/l	98
67) Ethyl Benzene	10.25	91	154122	18.783	ug/l	98
68) m/p-Xylenes	10.36	106	118211	37.245	ug/l	97
69) o-Xylene	10.69	106	57181	18.336	ug/l	97
70) Styrene	10.71	104	97250	18.847	ug/l	99
71) Bromoform	10.85	173	24961	18.535	ug/l	97
73) Isopropylbenzene	11.02	105	155788	19.094	ug/l	99
74) N-amyl acetate	10.90	43	59311	20.118	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	53340	19.617	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	55011	25.321	ug/l	86
77) Bromobenzene	11.25	156	42568	18.815	ug/l	96
78) n-propylbenzene	11.36	91	173082	19.076	ug/l	98
79) 2-Chlorotoluene	11.42	91	104086	19.247	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	129057	18.896	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	13125	19.199	ug/l	88
82) 4-Chlorotoluene	11.51	91	120706	19.152	ug/l	97
83) tert-Butylbenzene	11.77	119	127062	18.968	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	132985	19.556	ug/l	100
85) sec-Butylbenzene	11.94	105	150332	18.679	ug/l	99
86) p-Isopropyltoluene	12.06	119	138224	18.669	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	74320	18.591	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	76047	18.448	ug/l	97
89) n-Butylbenzene	12.38	91	116366	18.242	ug/l	99
90) Hexachloroethane	12.59	117	20491	18.719	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	75841	18.882	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	10952	20.790	ug/l	94

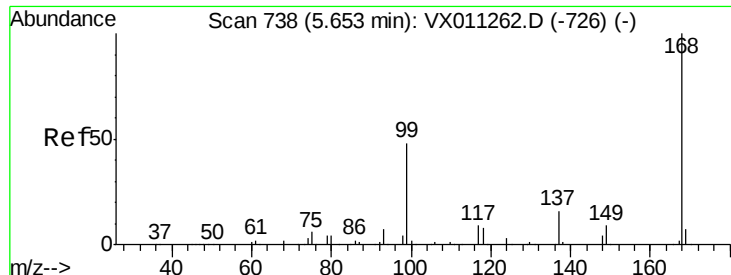
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080919\
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QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	49931	18.744	ug/l	98
94) Hexachlorobutadiene	13.78	225	24524	18.146	ug/l	98
95) Naphthalene	13.83	128	153357	19.687	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	50928	18.806	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

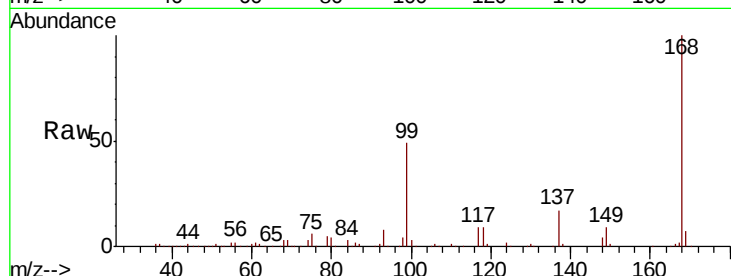
VX0809WBS02

Tgt Ion:168 Resp: 169339

Ion Ratio Lower Upper

168 100

99 48.8 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

40000

20000

0

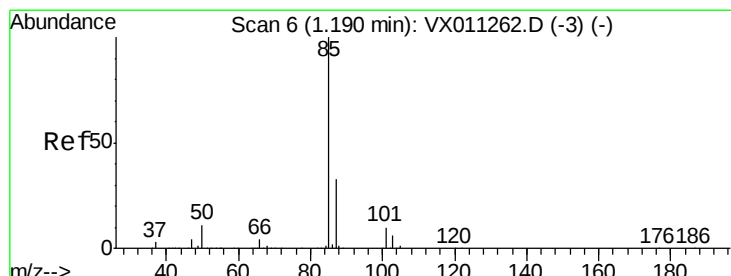
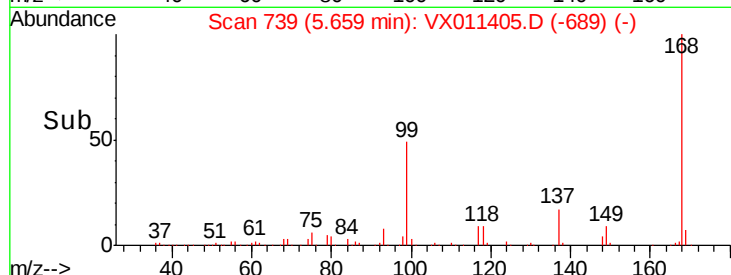
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 18.185 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011405.D

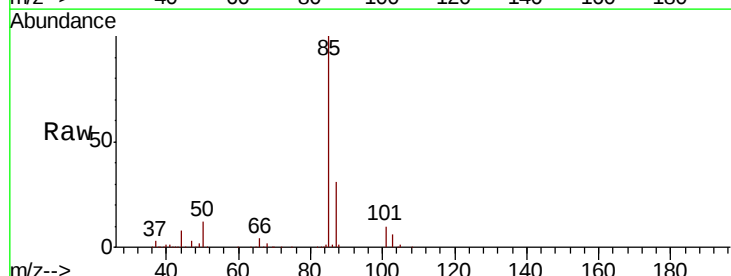
Acq: 09 Aug 2019 13:22

Tgt Ion: 85 Resp: 23784

Ion Ratio Lower Upper

85 100

87 31.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

25000

20000

15000

10000

5000

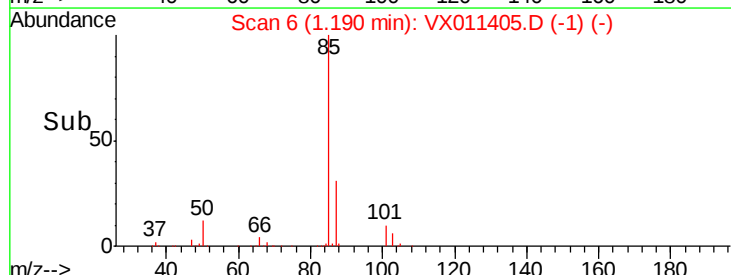
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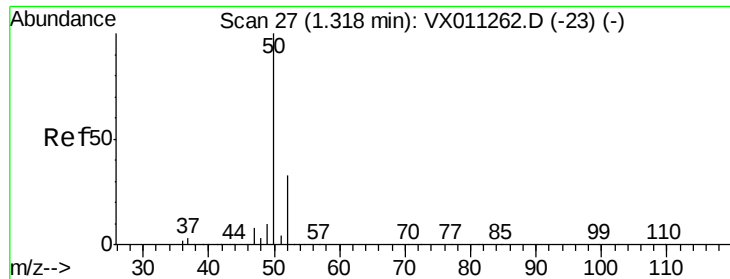
Time-->

1.15

1.20

1.25





#3

Chloromethane

Concen: 16.963 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA_X

ClientSampled :

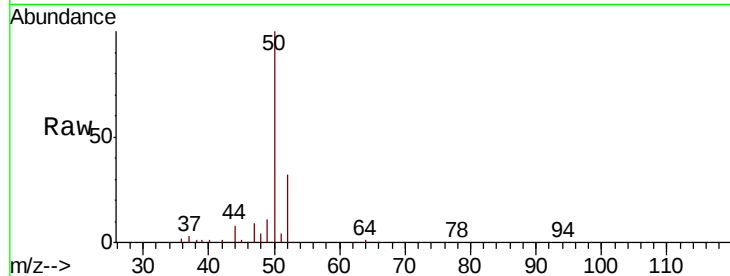
VX0809WBS02

Tgt Ion: 50 Resp: 24913

Ion Ratio Lower Upper

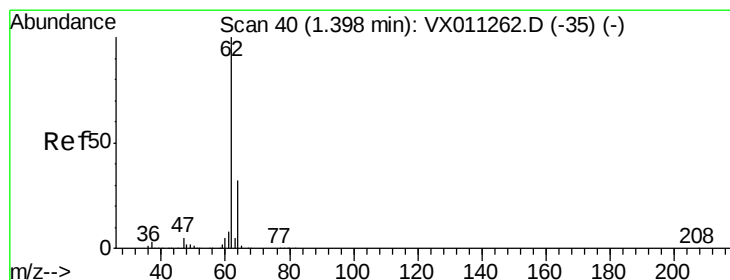
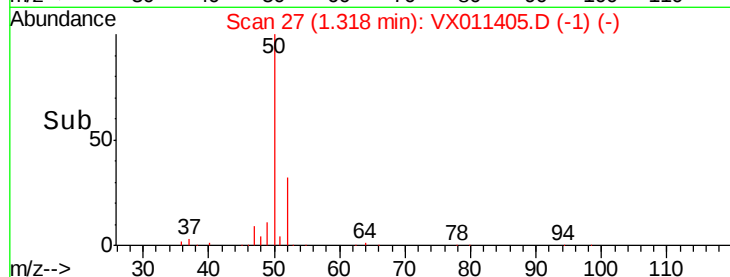
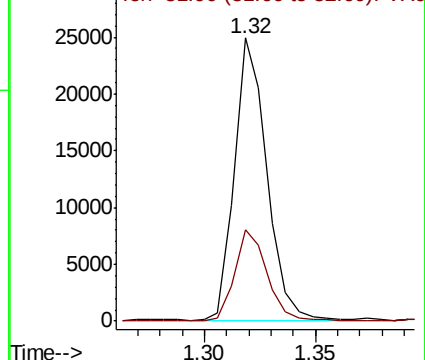
50 100

52 32.6 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.242 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011405.D

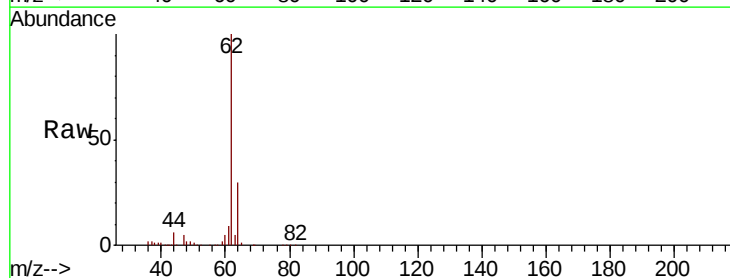
Acq: 09 Aug 2019 13:22

Tgt Ion: 62 Resp: 27856

Ion Ratio Lower Upper

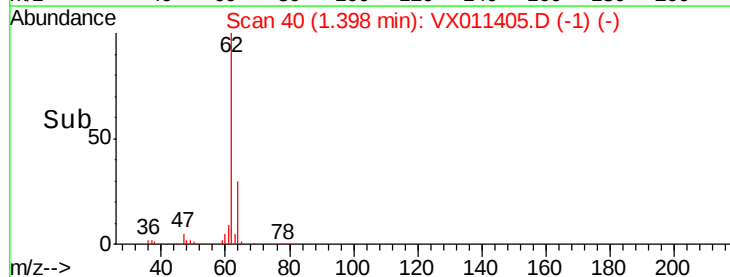
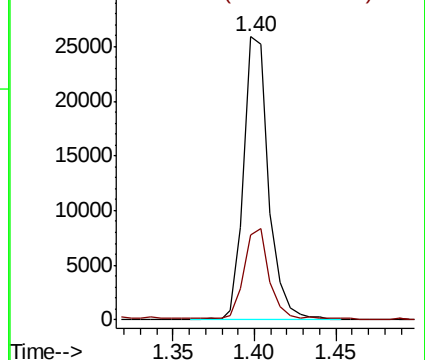
62 100

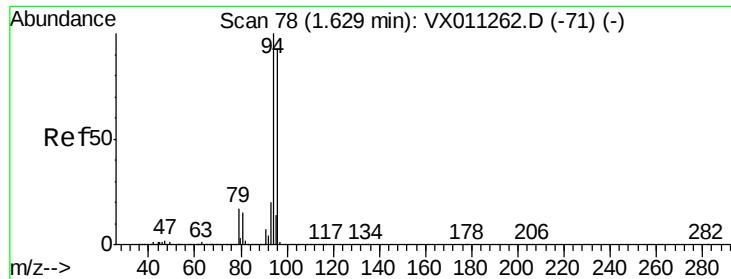
64 29.6 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.770 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

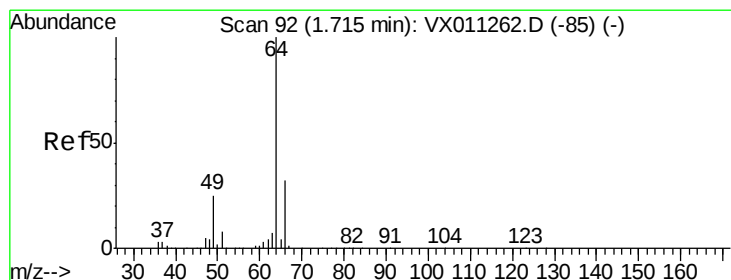
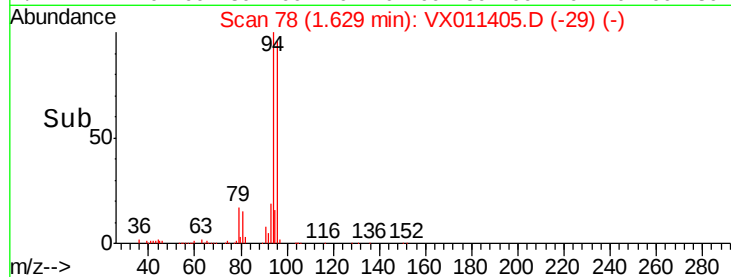
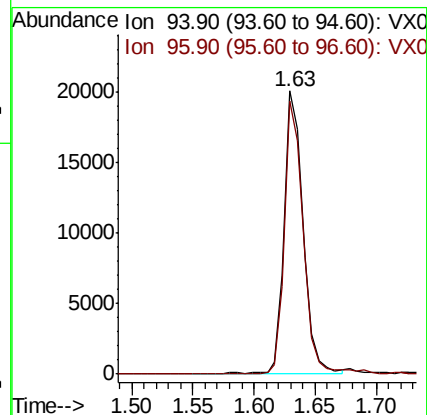
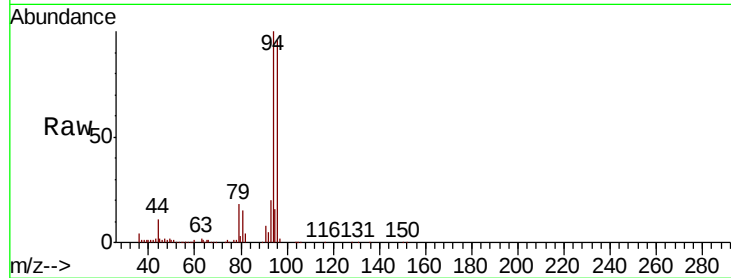
VX0809WBS02

Tgt Ion: 94 Resp: 21627

Ion Ratio Lower Upper

94 100

96 96.2 74.6 112.0



#6

Chloroethane

Concen: 17.454 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011405.D

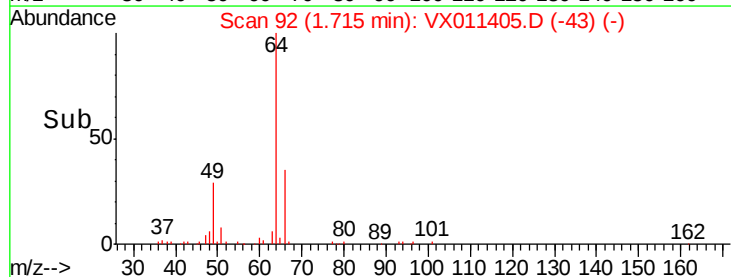
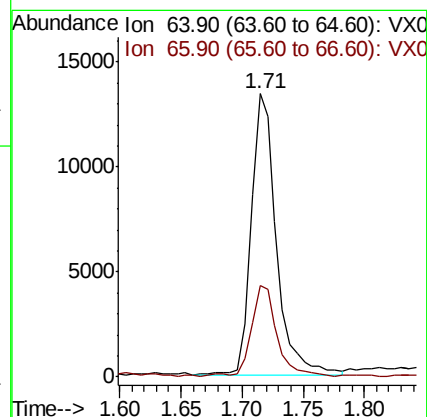
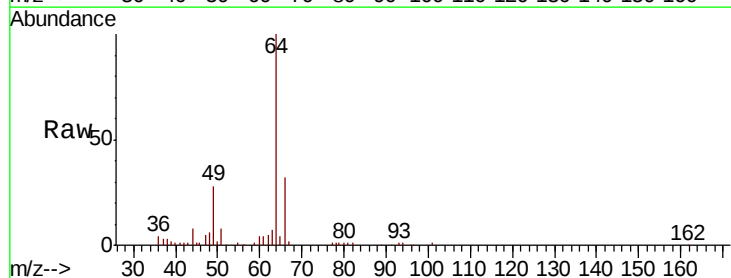
Acq: 09 Aug 2019 13:22

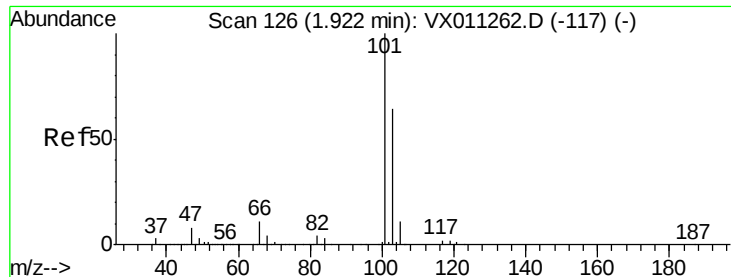
Tgt Ion: 64 Resp: 19162

Ion Ratio Lower Upper

64 100

66 32.0 25.1 37.7



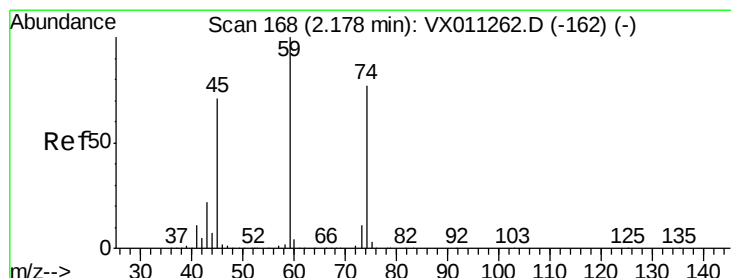
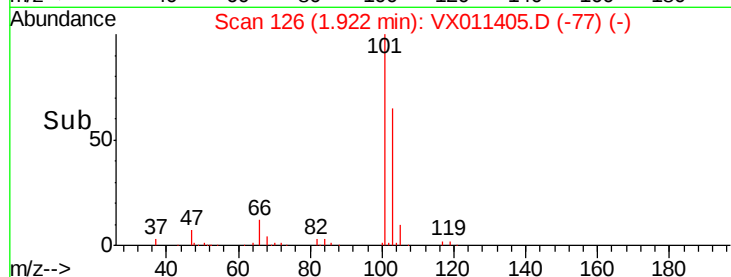
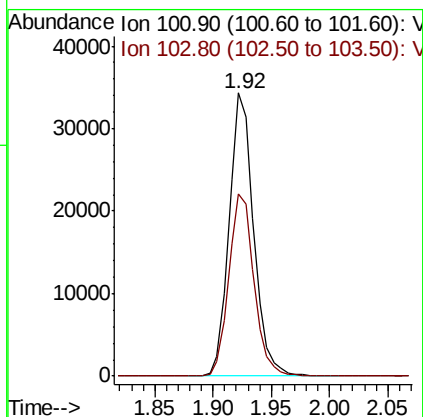
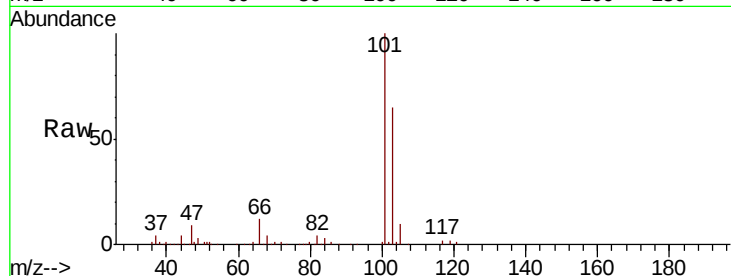


#7

Trichlorofluoromethane
 Concen: 17.454 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX011405.D
 Acq: 09 Aug 2019 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS02

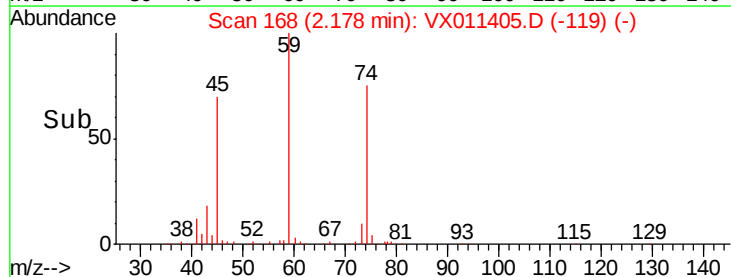
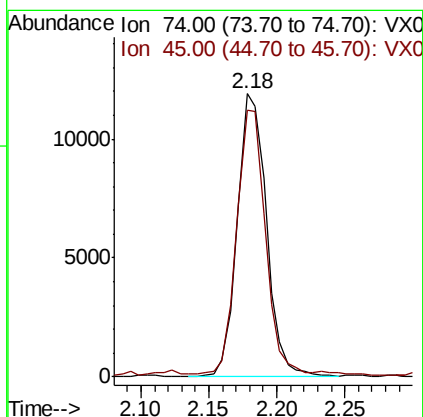
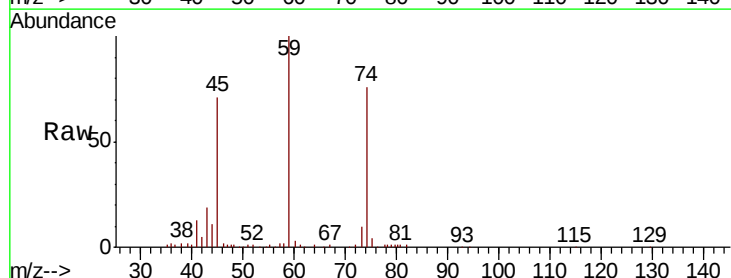
Tgt Ion: 101 Resp: 50138
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.9 76.3

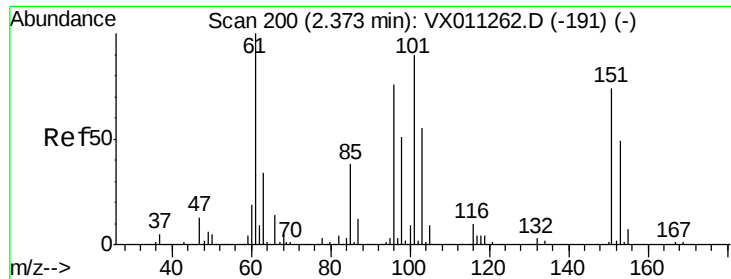


#8

Diethyl Ether
 Concen: 17.401 ug/l
 RT: 2.18 min Scan# 168
 Delta R.T. -0.00 min
 Lab File: VX011405.D
 Acq: 09 Aug 2019 13:22

Tgt Ion: 74 Resp: 17848
 Ion Ratio Lower Upper
 74 100
 45 91.2 46.1 138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.124 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS02

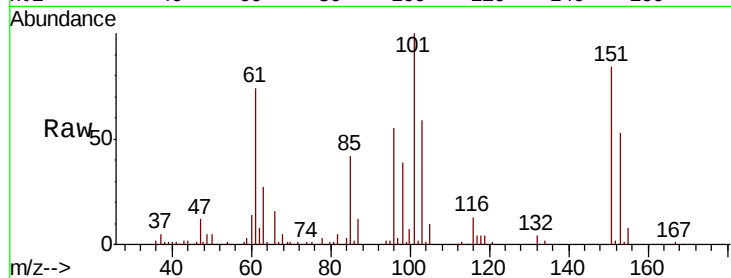
Tgt Ion:101 Resp: 28170

Ion Ratio Lower Upper

101 100

85 44.7 33.8 50.6

151 86.3 69.5 104.3

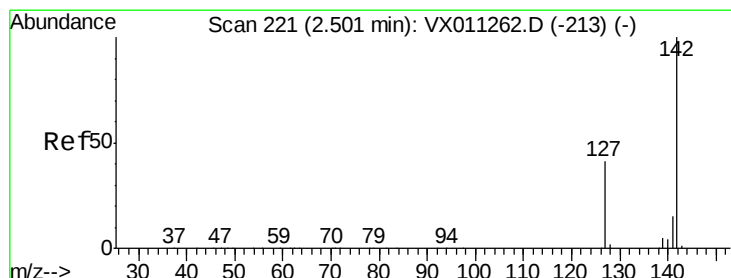
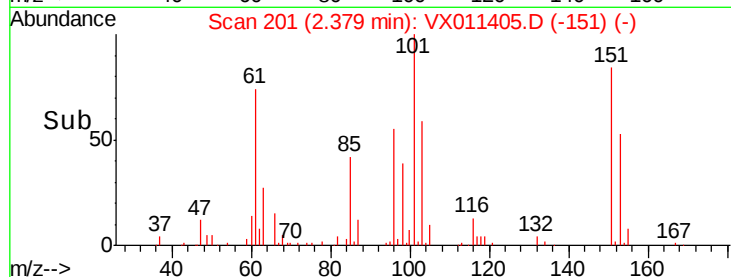
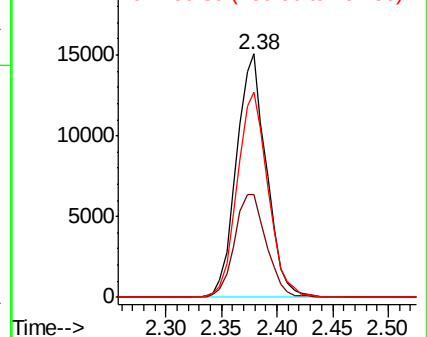


Abundance

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: 17.042 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

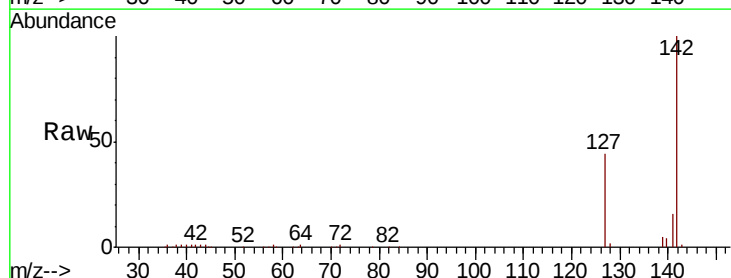
Tgt Ion:142 Resp: 33395

Ion Ratio Lower Upper

142 100

127 44.1 33.8 50.8

141 14.9 11.4 17.2

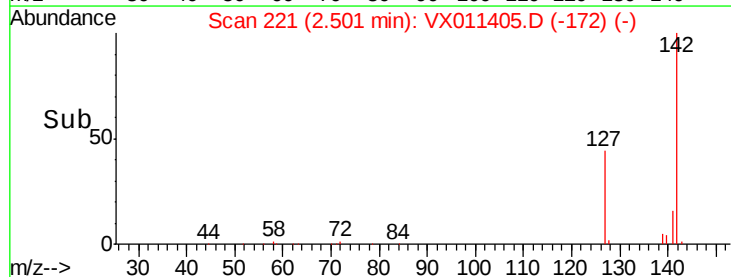
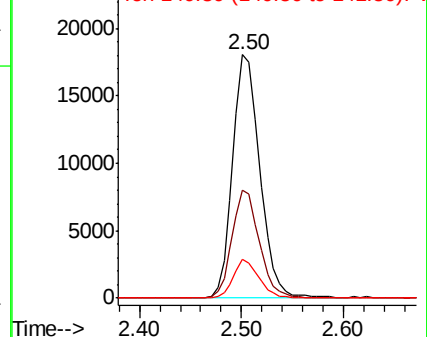


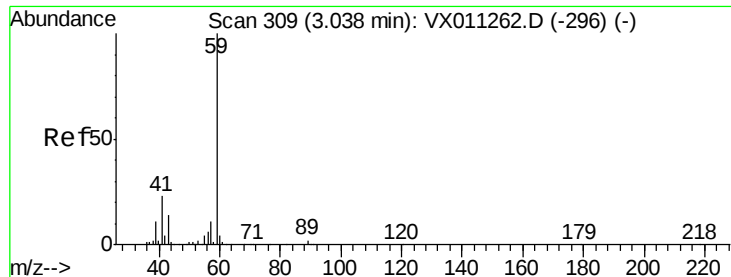
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

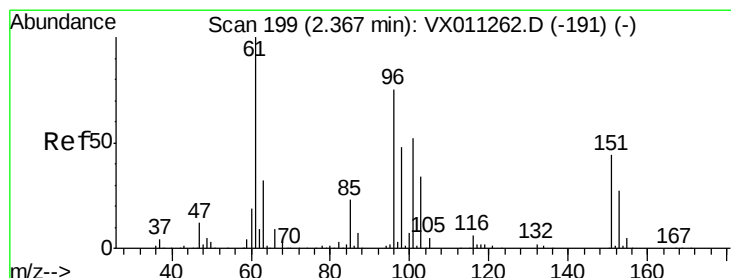
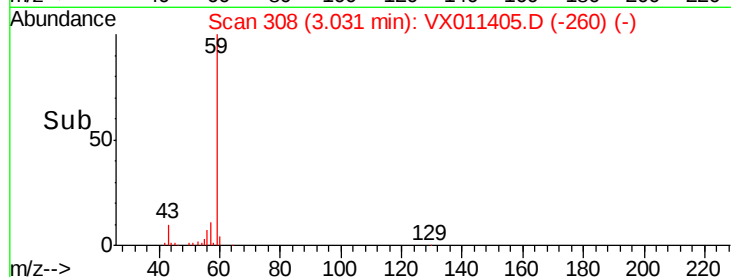
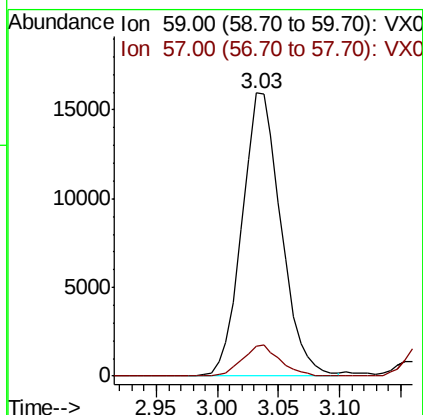
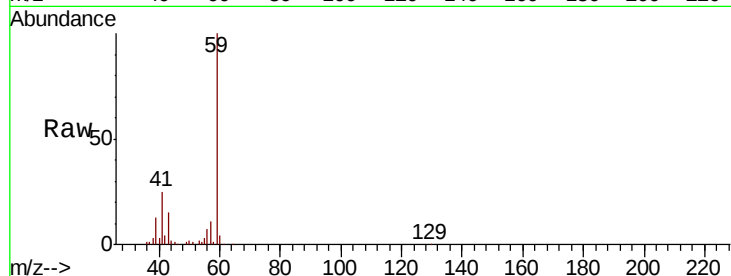




#11
Tert butyl alcohol
Concen: 104.164 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

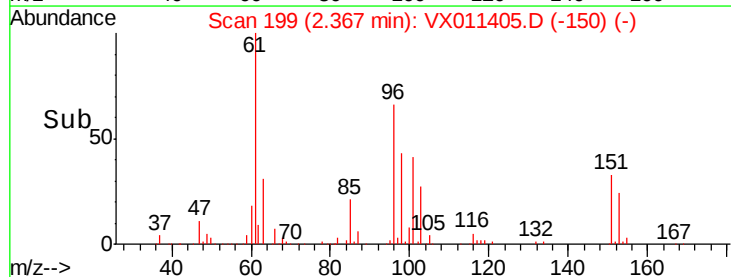
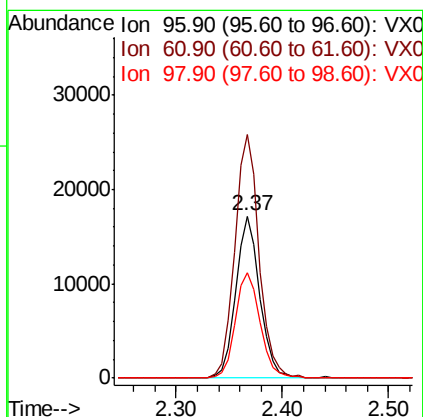
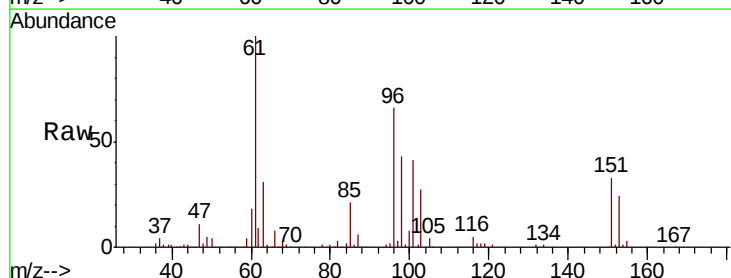
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS02

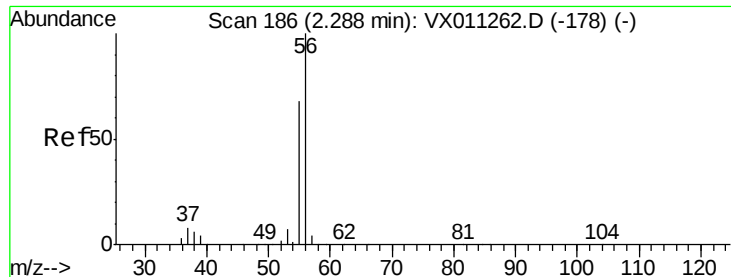
Tgt Ion: 59 Resp: 35417
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 17.592 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

Tgt Ion: 96 Resp: 27105
Ion Ratio Lower Upper
96 100
61 150.4 106.2 159.2
98 65.0 50.6 75.8





#13

Acrolein

Concen: 92.579 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA_X

ClientSampled :

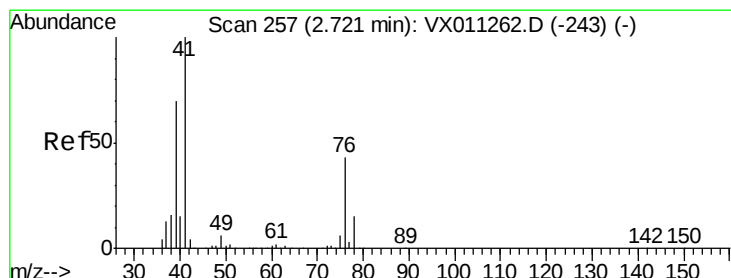
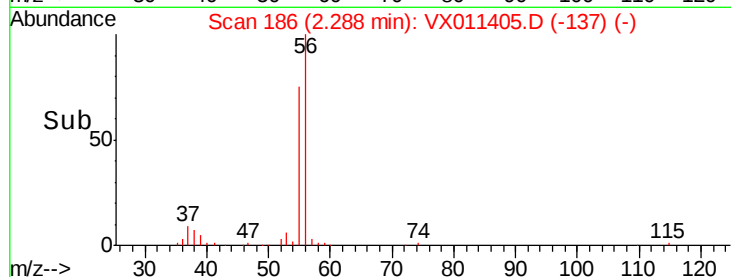
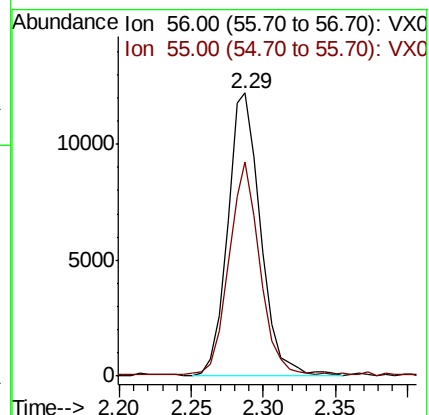
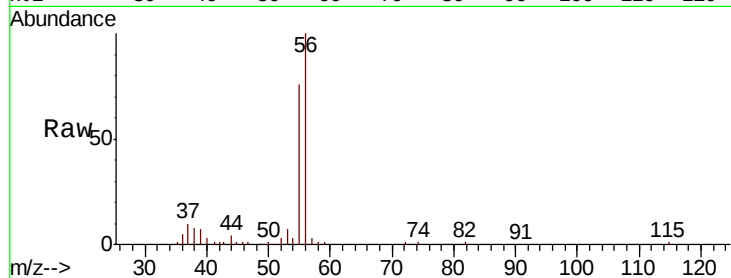
VX0809WBS02

Tgt Ion: 56 Resp: 19621

Ion Ratio Lower Upper

56 100

55 70.6 56.0 84.0



#14

Allyl chloride

Concen: 20.540 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

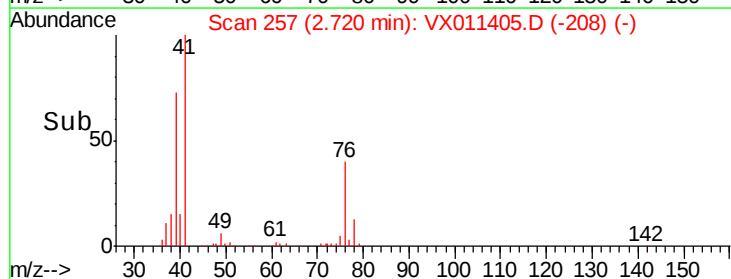
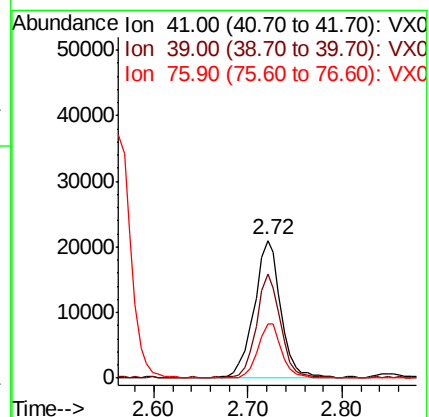
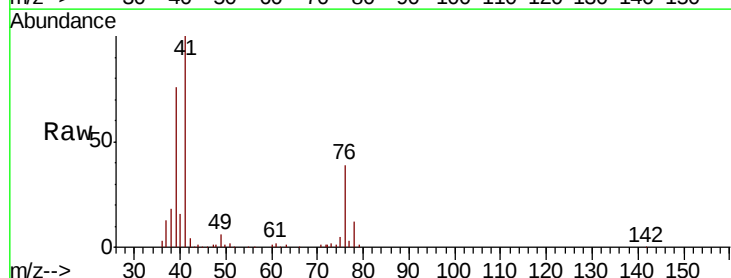
Tgt Ion: 41 Resp: 42189

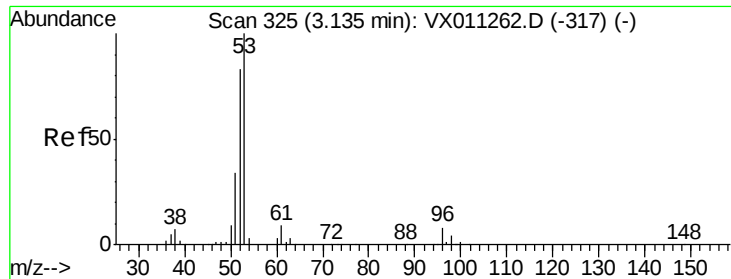
Ion Ratio Lower Upper

41 100

39 66.8 52.8 79.2

76 35.4 31.1 46.7





#15

Acrylonitrile

Concen: 102.171 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA_X

ClientSampled :

VX0809WBS02

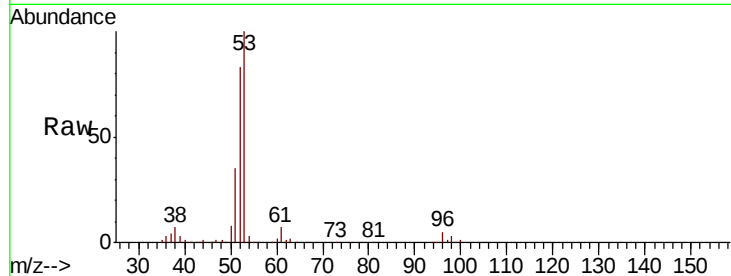
Tgt Ion: 53 Resp: 82911

Ion Ratio Lower Upper

53 100

52 83.3 65.5 98.3

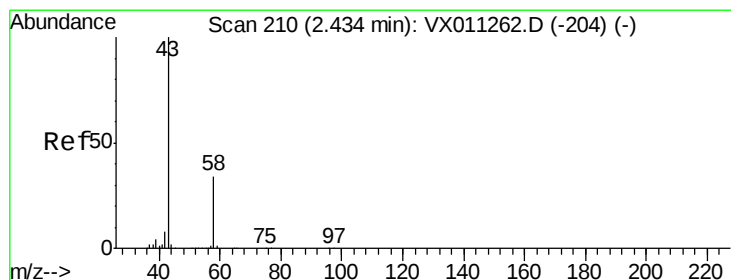
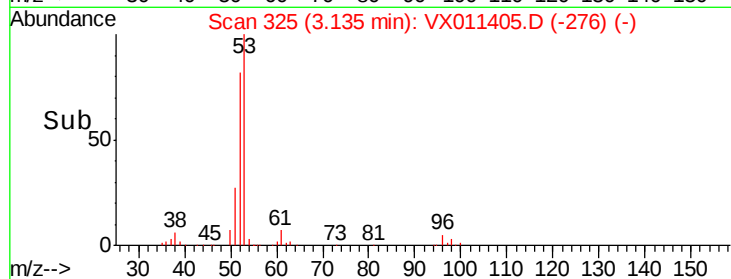
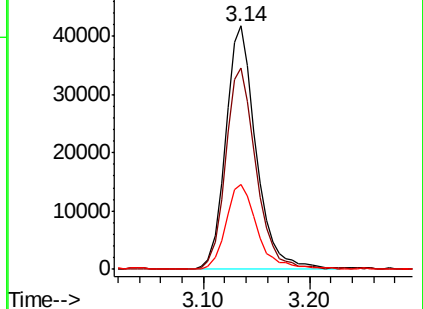
51 36.5 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 96.451 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011405.D

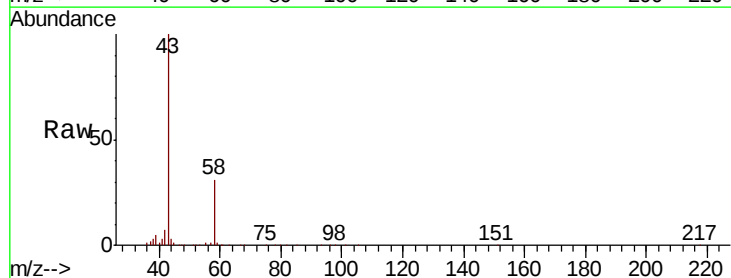
Acq: 09 Aug 2019 13:22

Tgt Ion: 43 Resp: 78290

Ion Ratio Lower Upper

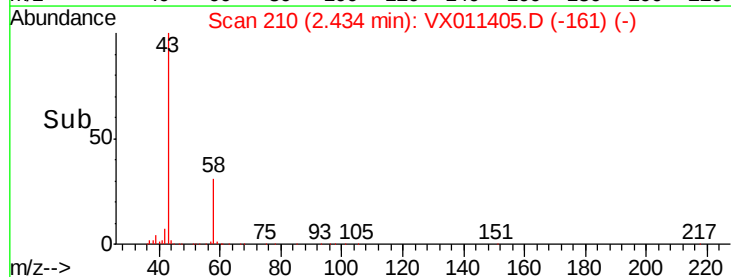
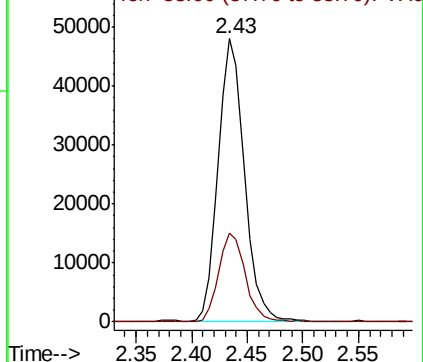
43 100

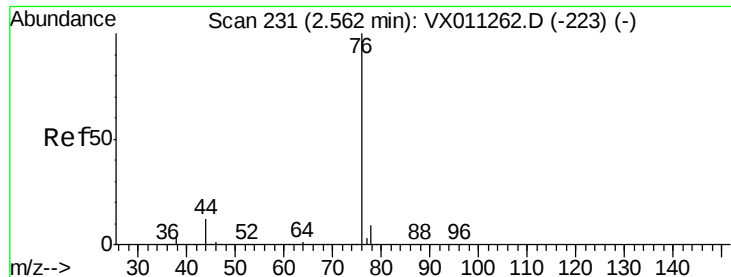
58 31.5 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

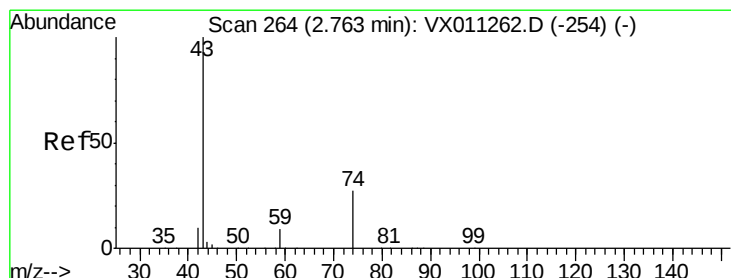
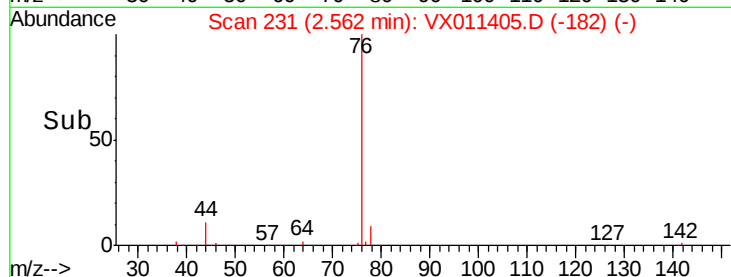
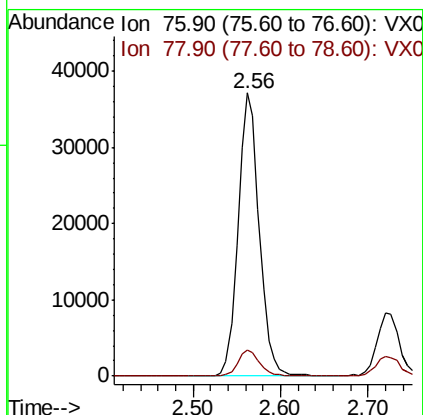
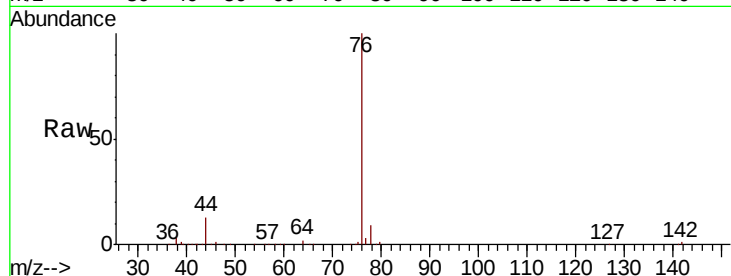




#17
Carbon Disulfide
Concen: 17.261 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

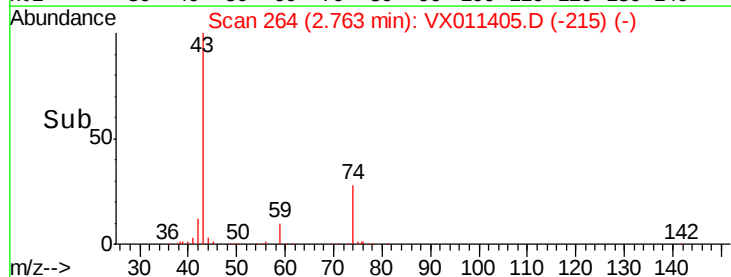
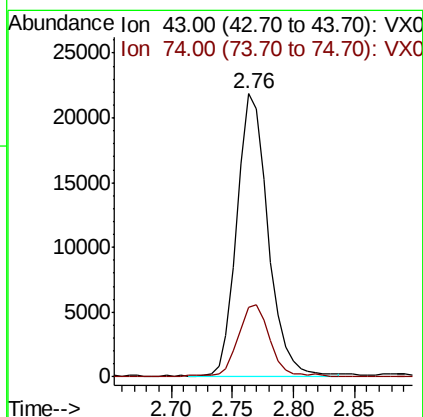
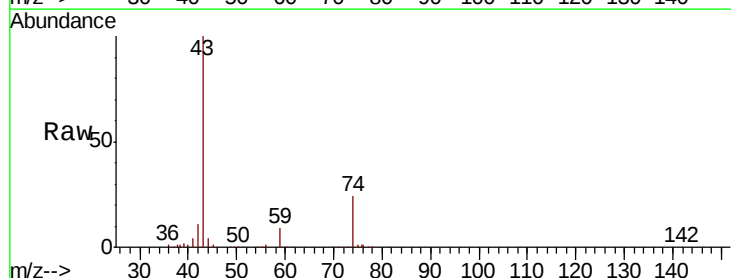
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS02

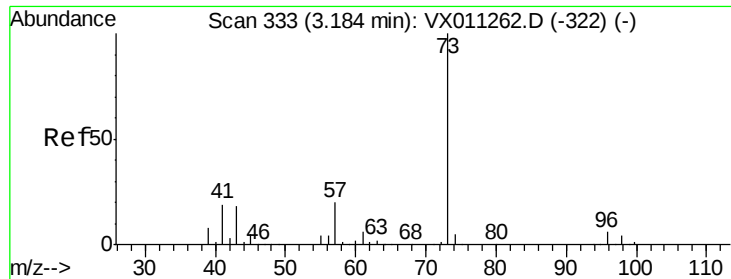
Tgt Ion: 76 Resp: 62407
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 20.744 ug/l
RT: 2.76 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

Tgt Ion: 43 Resp: 38479
Ion Ratio Lower Upper
43 100
74 26.8 21.0 31.6

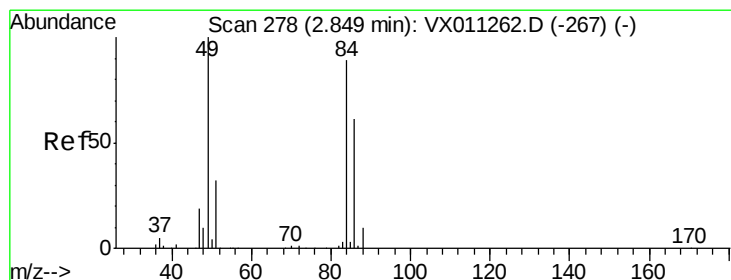
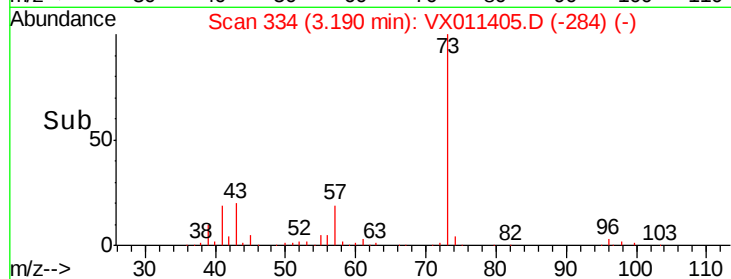
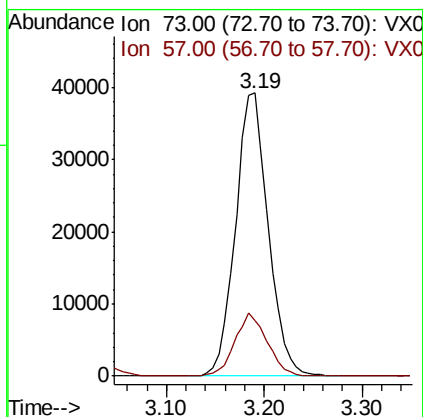
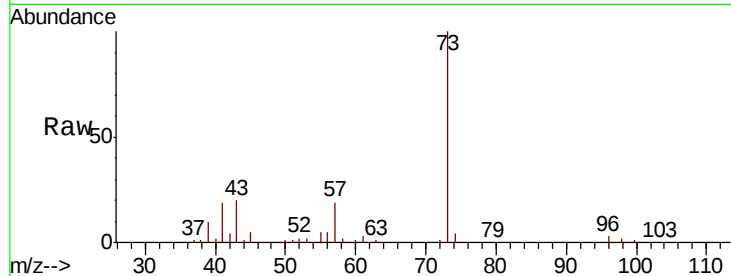




#19
Methyl tert-butyl Ether
Concen: 20.030 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

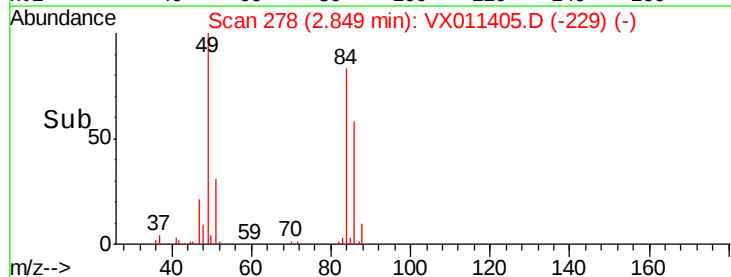
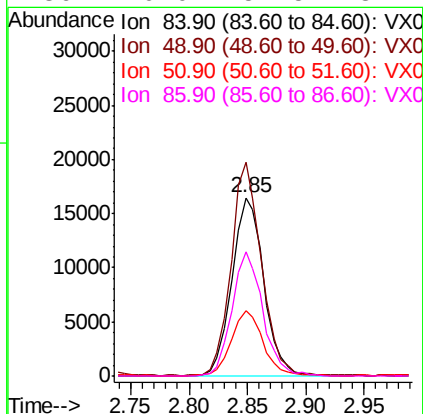
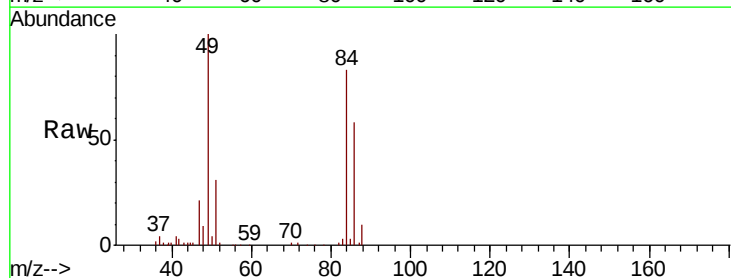
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS02

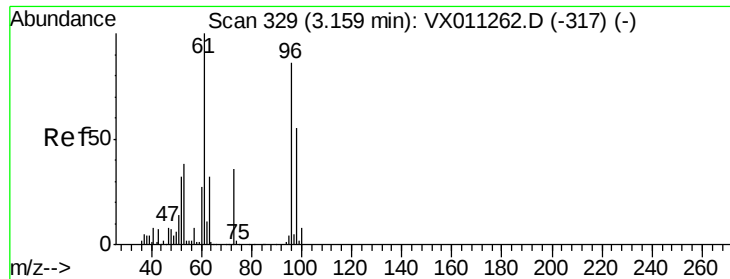
Tgt Ion: 73 Resp: 90946
Ion Ratio Lower Upper
73 100
57 19.5 16.2 24.2



#20
Methylene Chloride
Concen: 17.664 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

Tgt Ion: 84 Resp: 31400
Ion Ratio Lower Upper
84 100
49 119.6 89.3 133.9
51 37.1 28.3 42.5
86 70.0 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 18.024 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS02

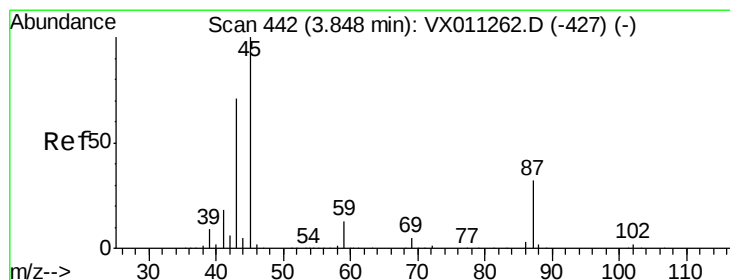
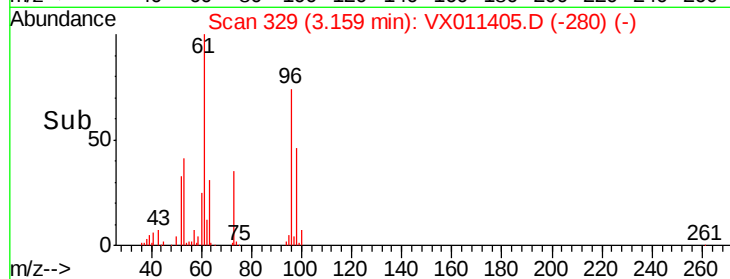
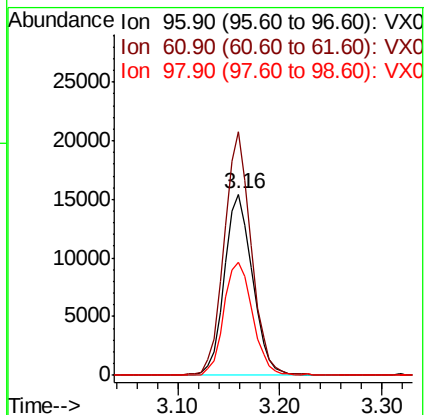
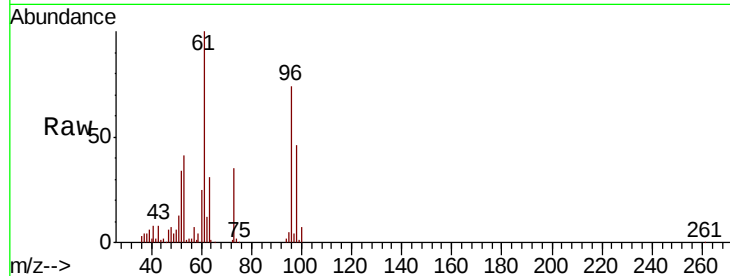
Tgt Ion: 96 Resp: 29376

Ion Ratio Lower Upper

96 100

61 134.0 92.8 139.2

98 62.4 51.2 76.8



#22

Diisopropyl ether

Concen: 19.582 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Tgt Ion: 45 Resp: 88398

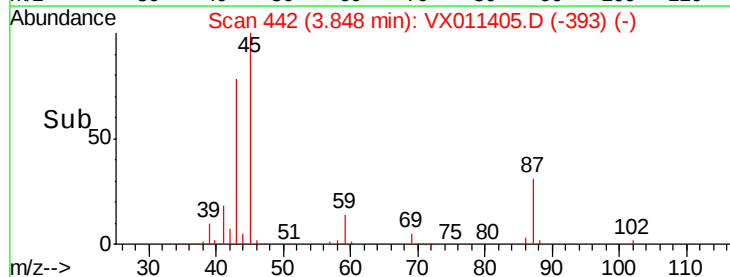
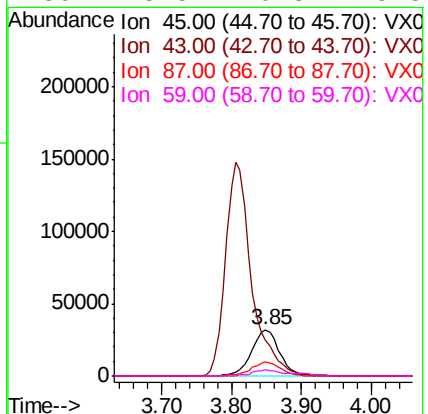
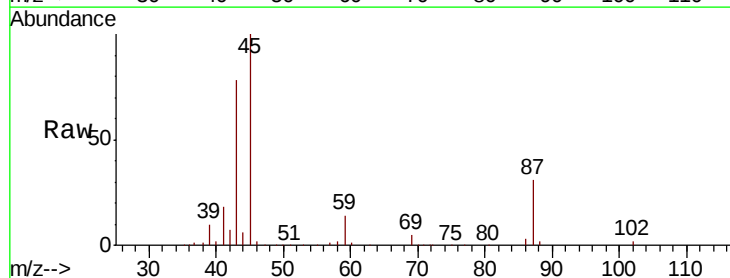
Ion Ratio Lower Upper

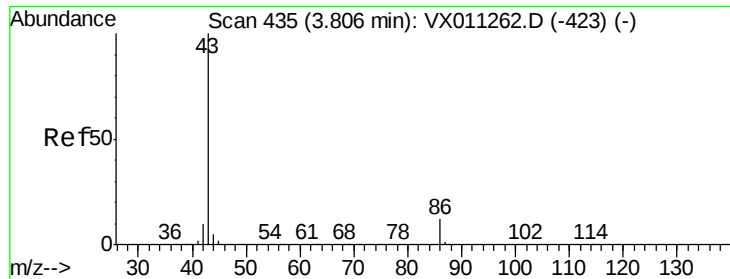
45 100

43 77.6 56.8 85.2

87 30.7 25.8 38.6

59 13.5 10.3 15.5

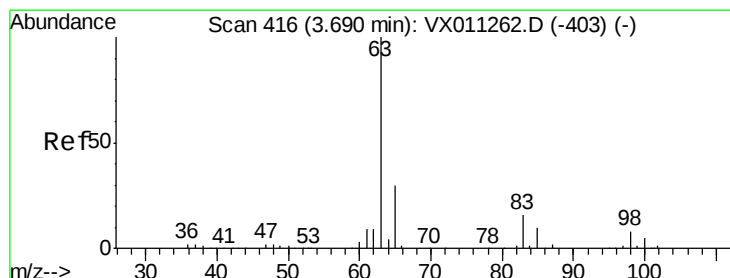
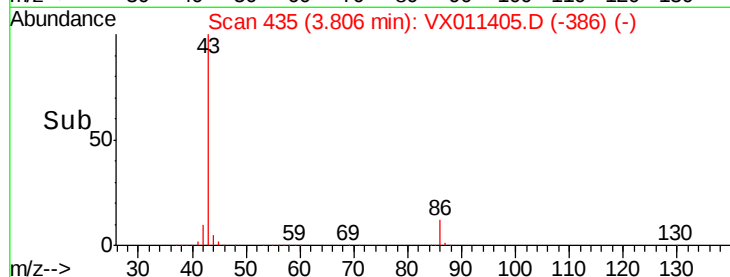
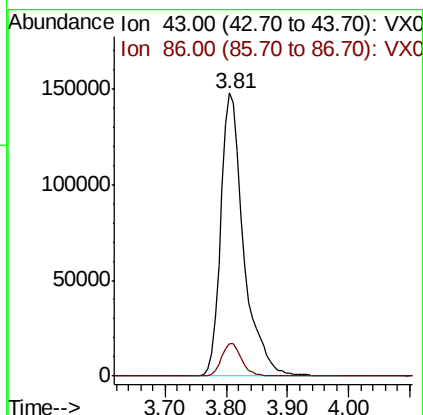
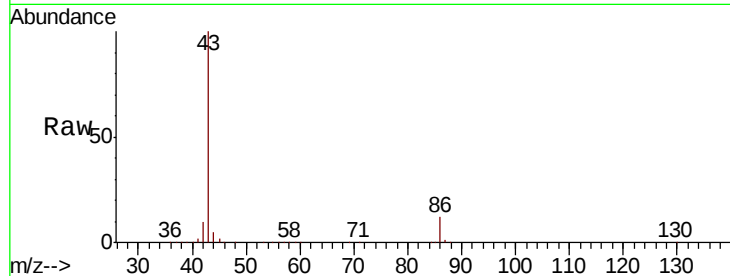




#23
 Vinyl Acetate
 Concen: 102.525 ug/l
 RT: 3.81 min Scan# 435
 Delta R.T. -0.00 min
 Lab File: VX011405.D
 Acq: 09 Aug 2019 13:22

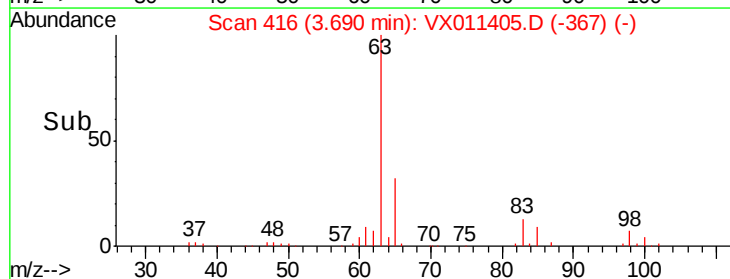
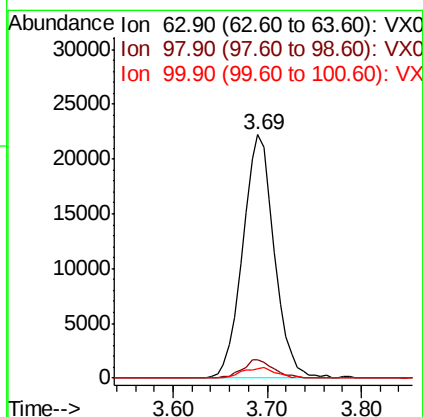
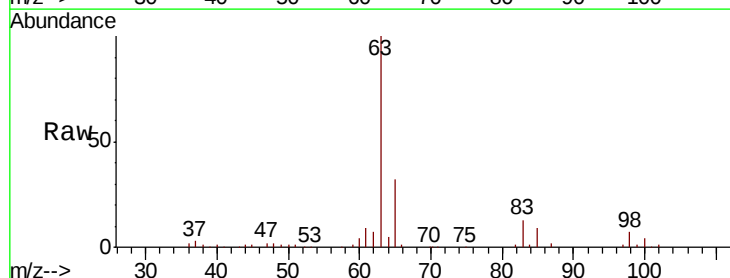
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS02

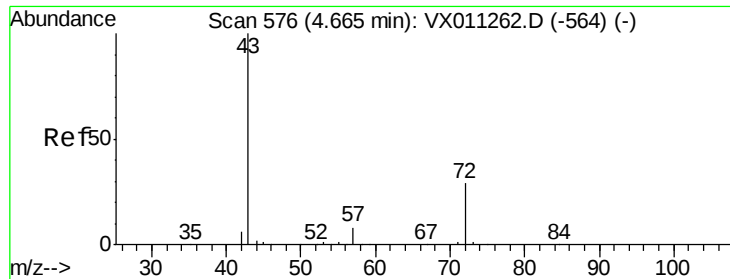
Tgt Ion: 43 Resp: 383874
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 19.562 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: VX011405.D
 Acq: 09 Aug 2019 13:22

Tgt Ion: 63 Resp: 52072
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.5
 100 3.9 2.7 8.1





#25

2-Butanone

Concen: 99.924 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.01 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

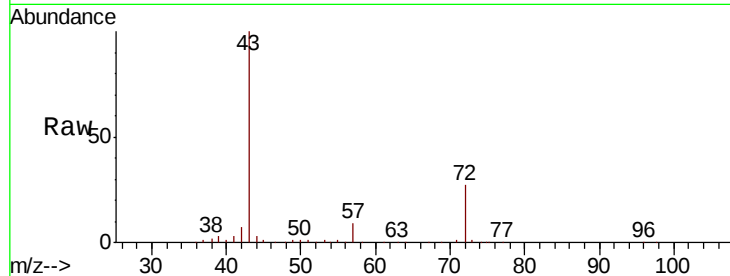
VX0809WBS02

Tgt Ion: 43 Resp: 115377

Ion Ratio Lower Upper

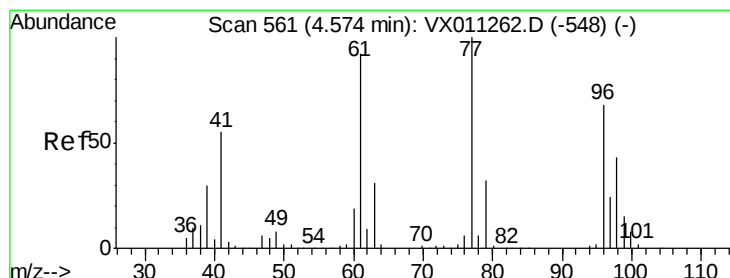
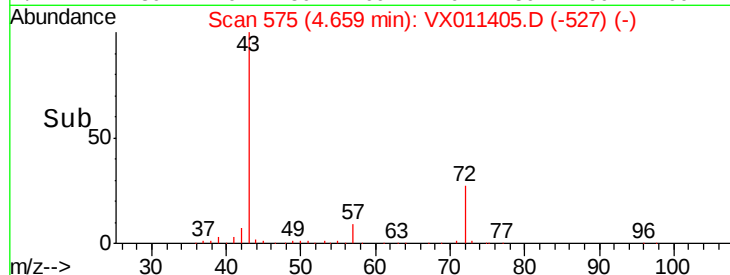
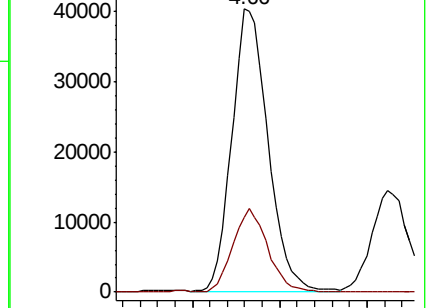
43 100

72 26.4 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.273 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX011405.D

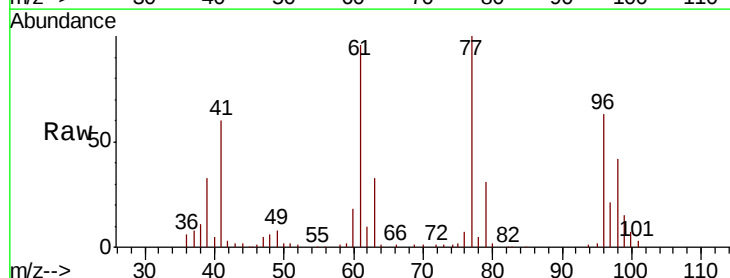
Acq: 09 Aug 2019 13:22

Tgt Ion: 77 Resp: 41950

Ion Ratio Lower Upper

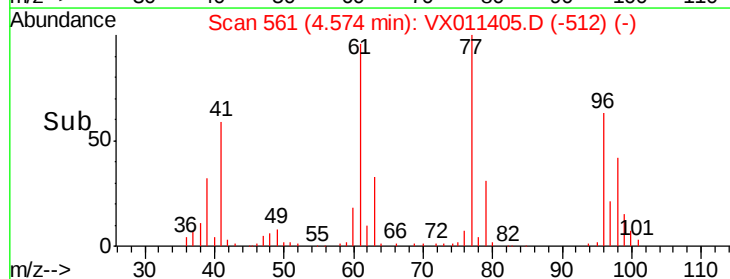
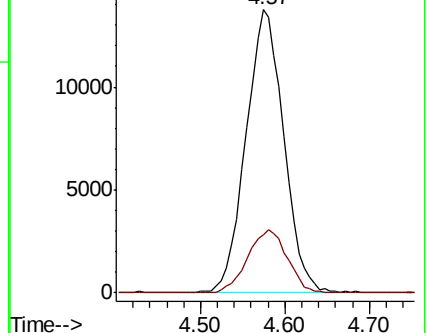
77 100

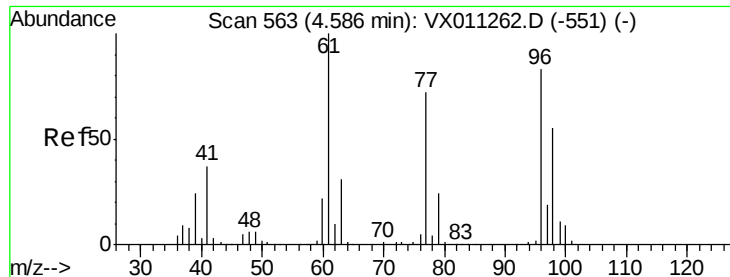
97 23.4 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



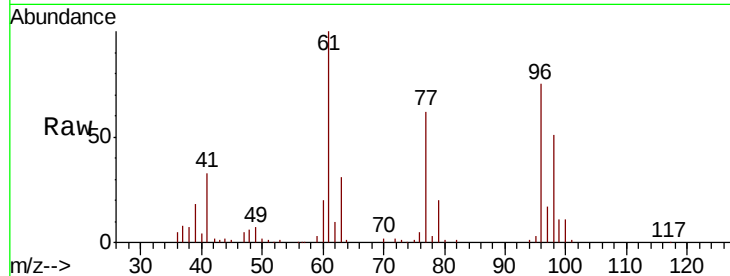


#27

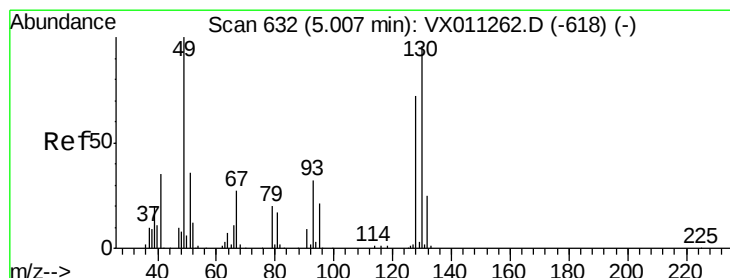
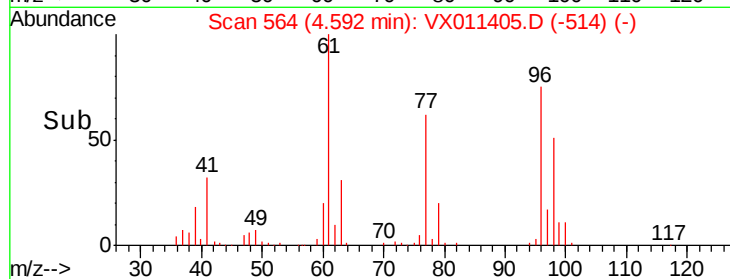
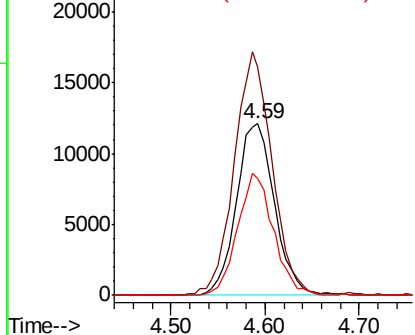
cis-1,2-Dichloroethene
Concen: 18.155 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS02

Tgt Ion: 96 Resp: 34081
Ion Ratio Lower Upper
96 100
61 140.9 0.0 260.2
98 66.8 0.0 133.2



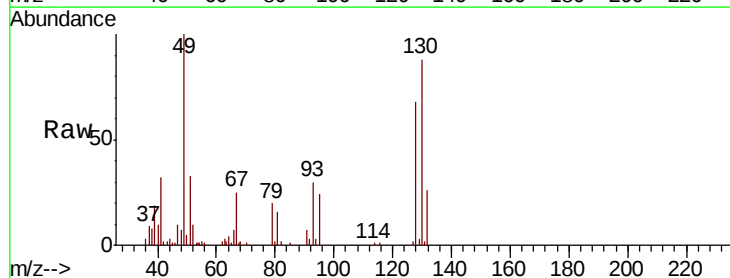
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



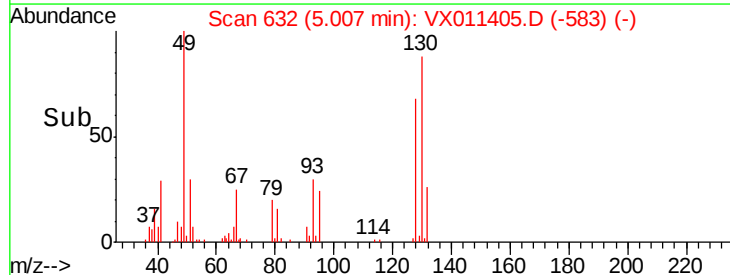
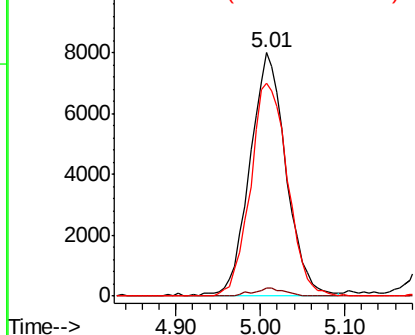
#28

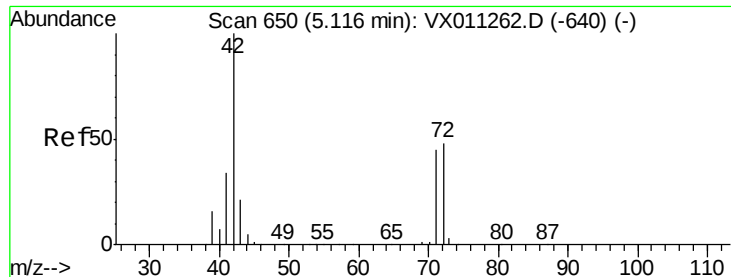
Bromochloromethane
Concen: 19.386 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

Tgt Ion: 49 Resp: 23526
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.8
130 90.1 77.9 116.9



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

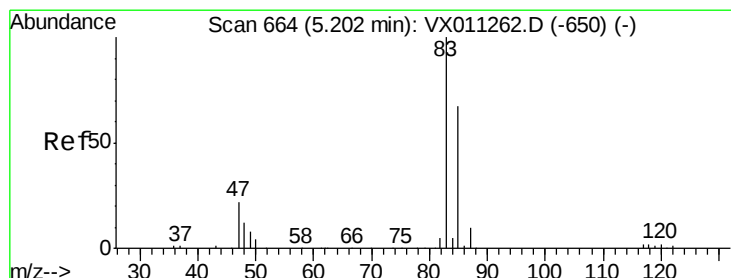
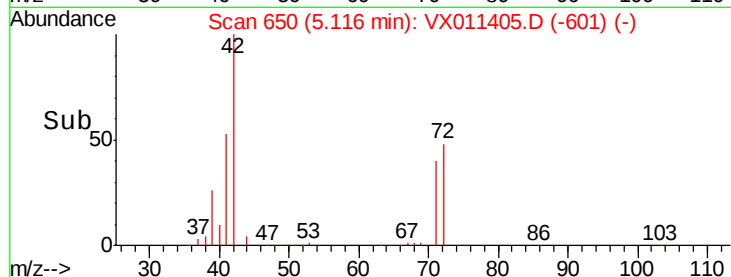
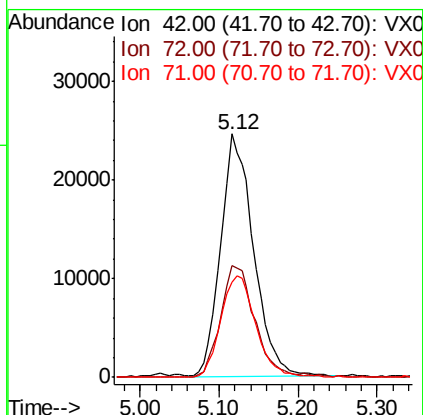
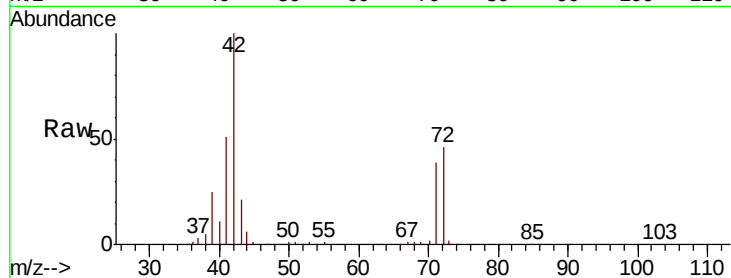




#29
Tetrahydrofuran
Concen: 101.035 ug/l
RT: 5.12 min Scan# 650
Delta R.T. -0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

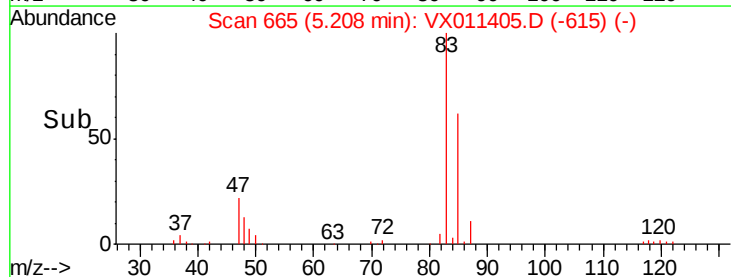
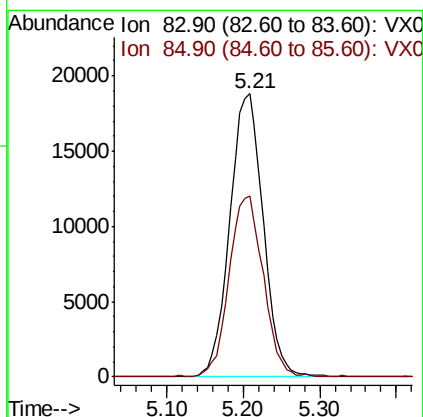
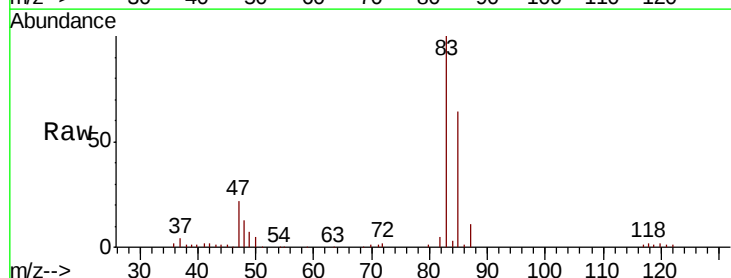
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS02

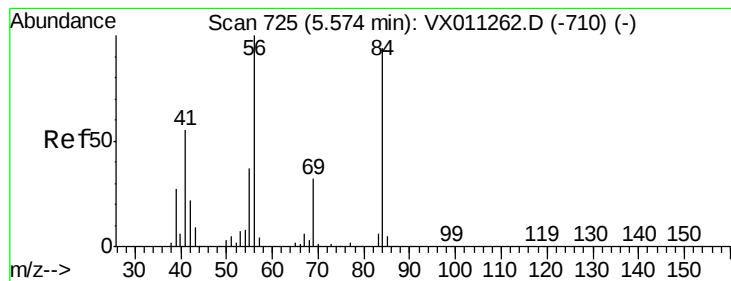
Tgt Ion: 42 Resp: 71530
Ion Ratio Lower Upper
42 100
72 47.6 39.9 59.9
71 44.3 36.9 55.3



#30
Chloroform
Concen: 19.640 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.01 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

Tgt Ion: 83 Resp: 56822
Ion Ratio Lower Upper
83 100
85 64.1 53.4 80.0





#31

Cyclohexane

Concen: 18.202 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS02

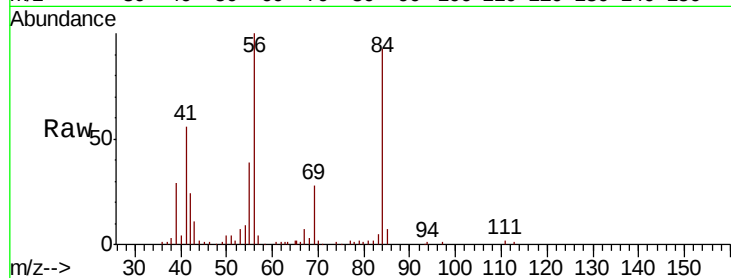
Tgt Ion: 56 Resp: 39974

Ion Ratio Lower Upper

56 100

69 27.9 25.5 38.3

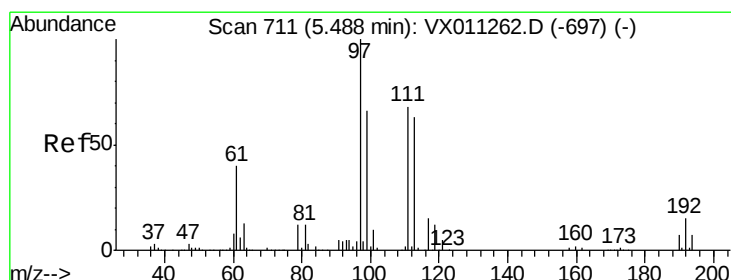
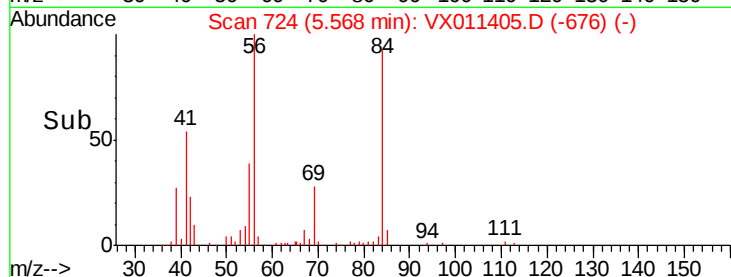
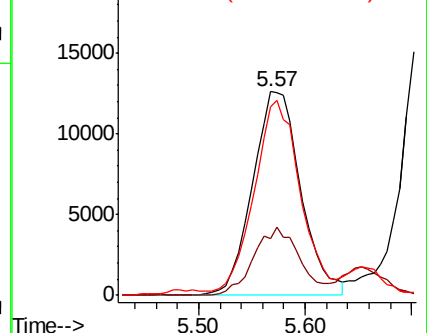
84 90.2 75.0 112.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.822 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

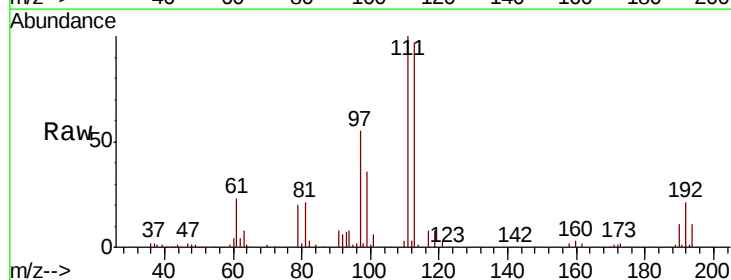
Tgt Ion: 97 Resp: 49126

Ion Ratio Lower Upper

97 100

99 64.1 51.6 77.4

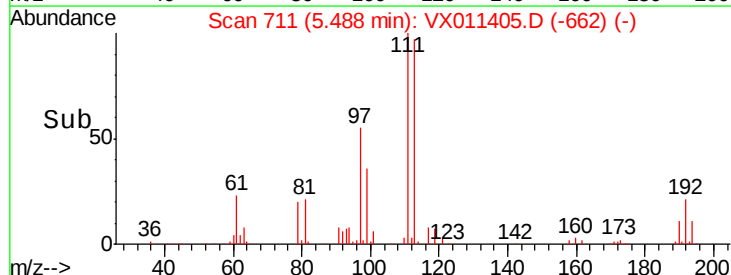
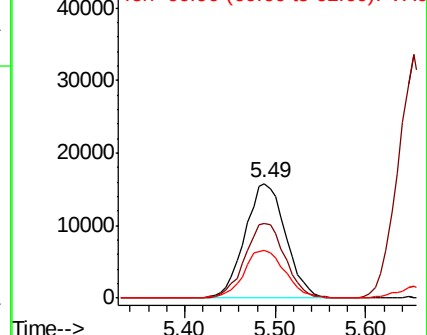
61 42.1 32.3 48.5

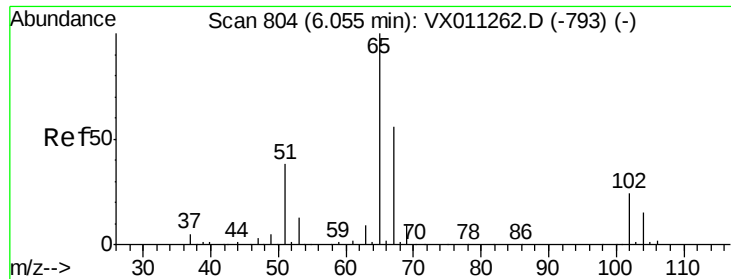


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

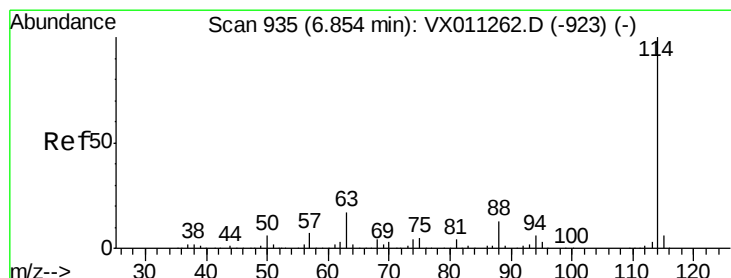
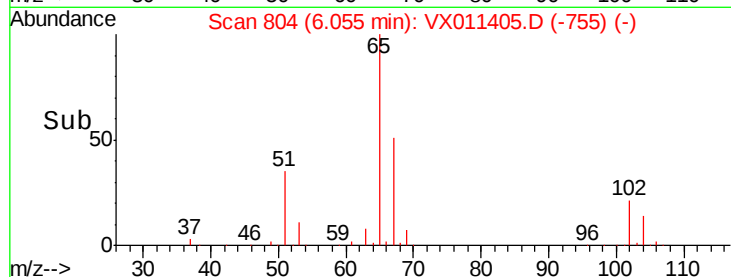
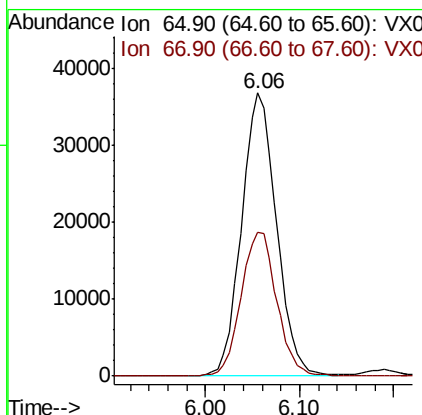
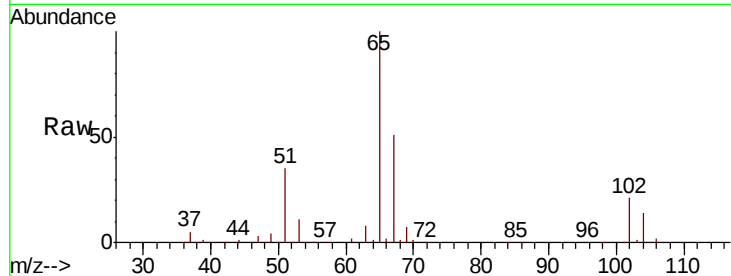




#33
 1,2-Dichloroethane-d4
 Concen: 56.108 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011405.D
 Acq: 09 Aug 2019 13:22

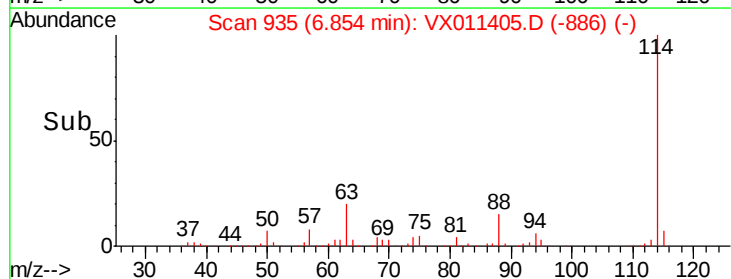
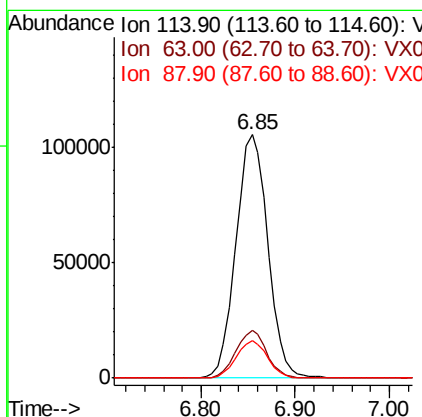
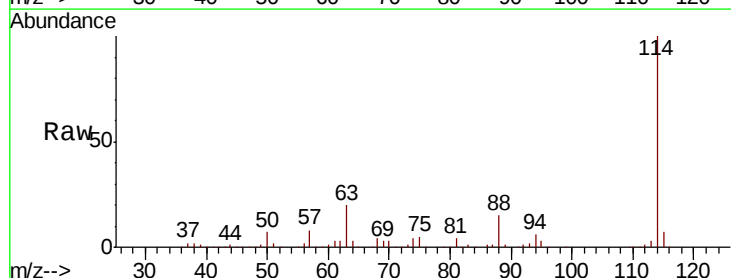
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS02

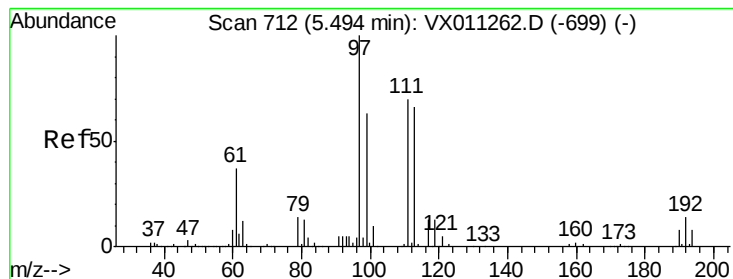
Tgt Ion: 65 Resp: 95683
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011405.D
 Acq: 09 Aug 2019 13:22

Tgt Ion: 114 Resp: 249645
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 34.0
 88 15.2 0.0 26.4





#35

Dibromofluoromethane

Concen: 49.856 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS02

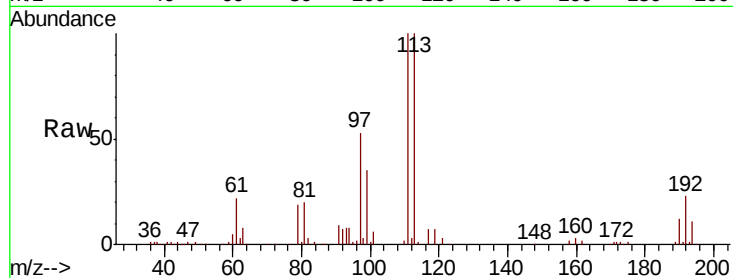
Tgt Ion:113 Resp: 81259

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

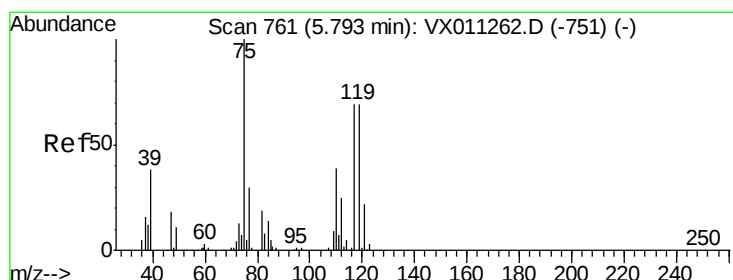
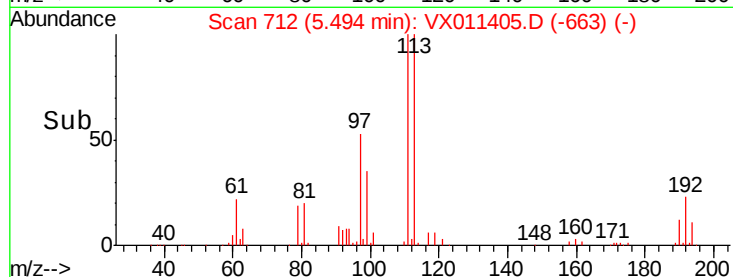
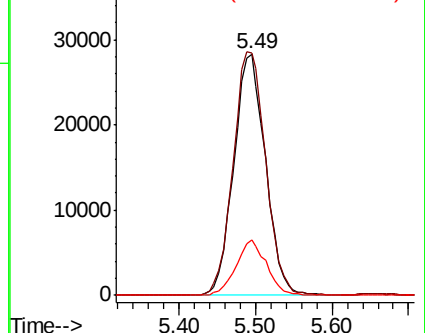
192 22.0 17.8 26.8



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: 18.103 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

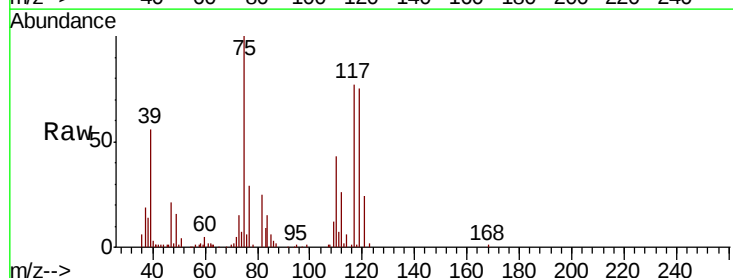
Tgt Ion: 75 Resp: 39458

Ion Ratio Lower Upper

75 100

110 39.3 20.0 59.9

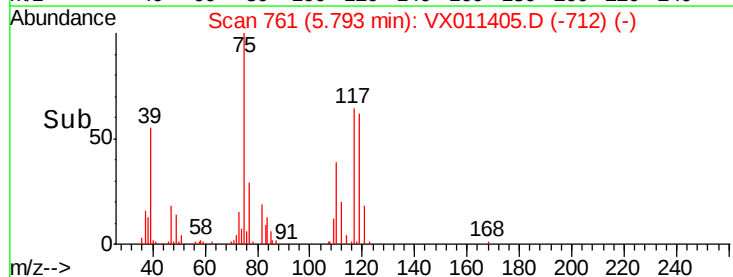
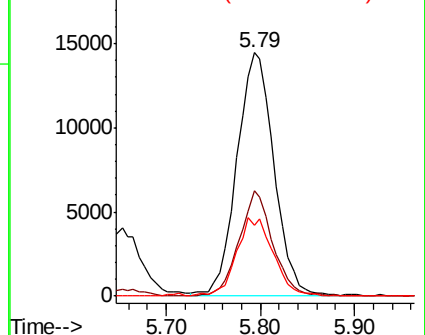
77 32.2 24.8 37.2

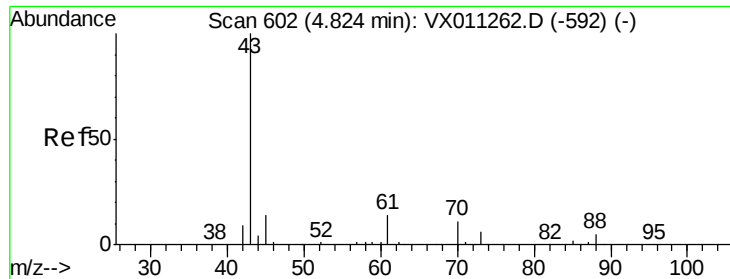


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

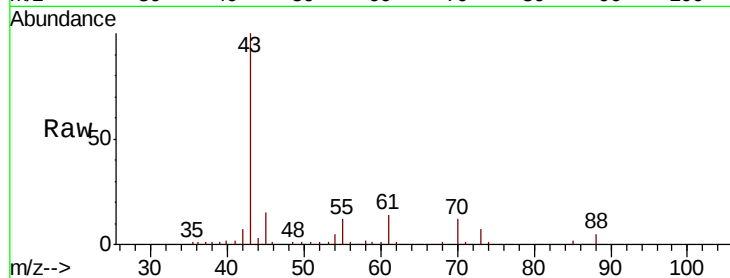




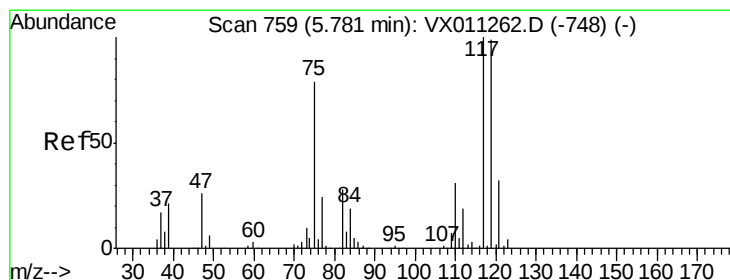
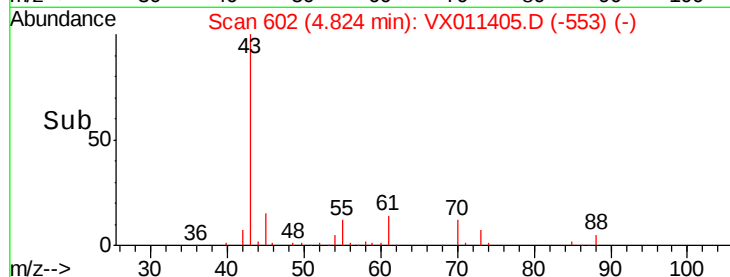
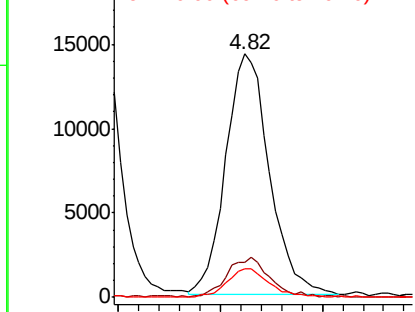
#37
Ethyl Acetate
Concen: 19.354 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS02

Tgt Ion: 43 Resp: 42314
Ion Ratio Lower Upper
43 100
61 16.4 12.6 18.8
70 11.5 9.1 13.7

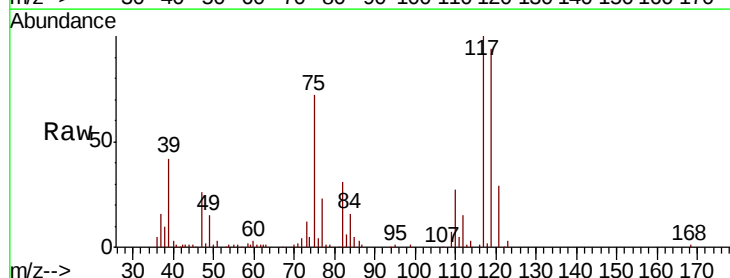


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

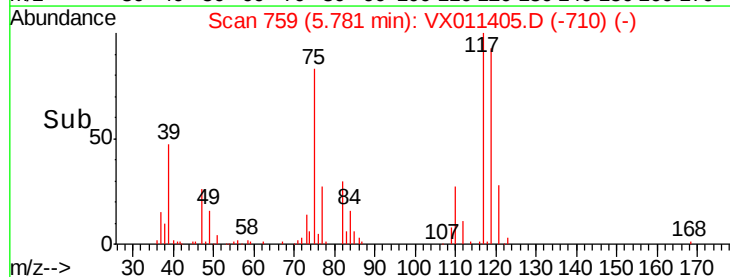
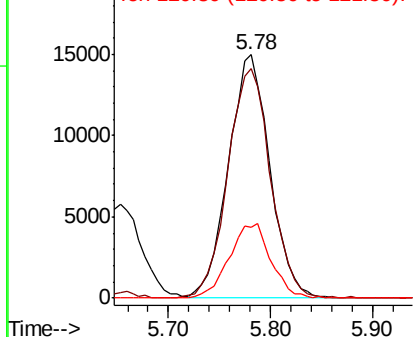


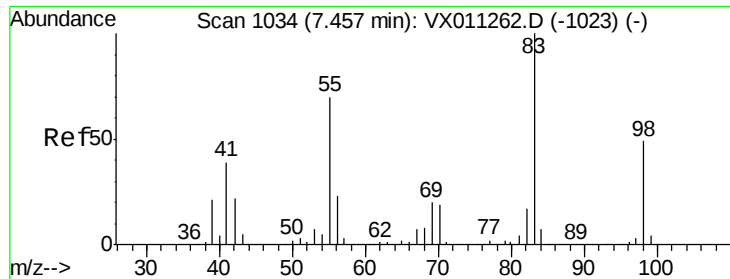
#38
Carbon Tetrachloride
Concen: 19.249 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

Tgt Ion: 117 Resp: 42211
Ion Ratio Lower Upper
117 100
119 94.1 79.0 118.4
121 29.3 25.9 38.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

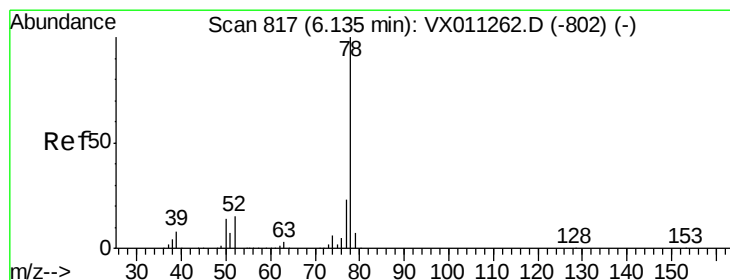
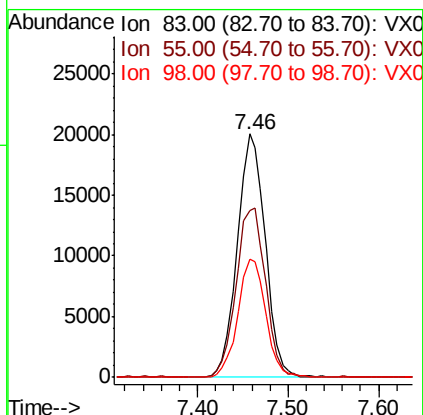
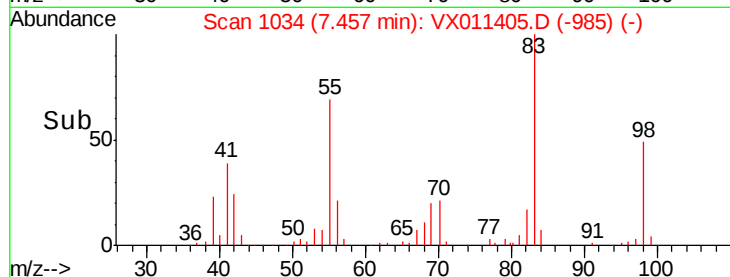
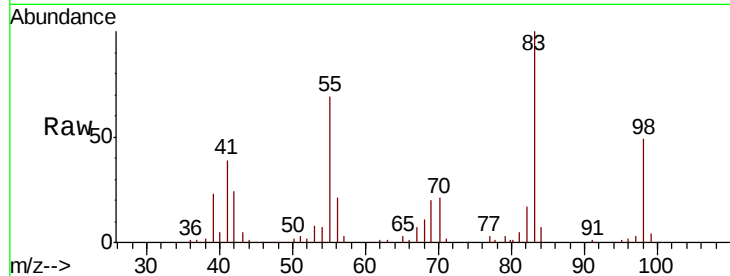




#39
Methylcyclohexane
Concen: 16.573 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

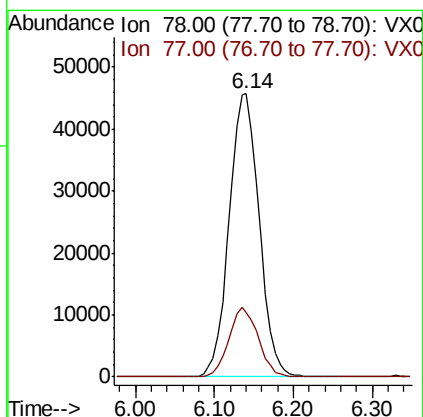
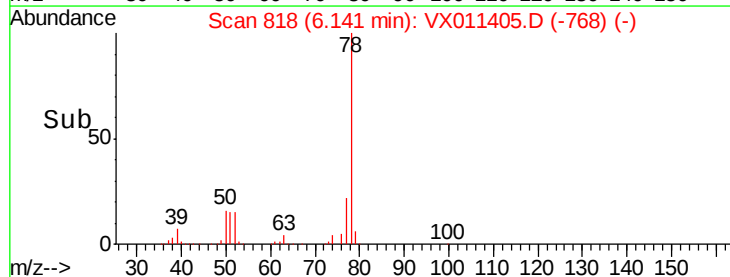
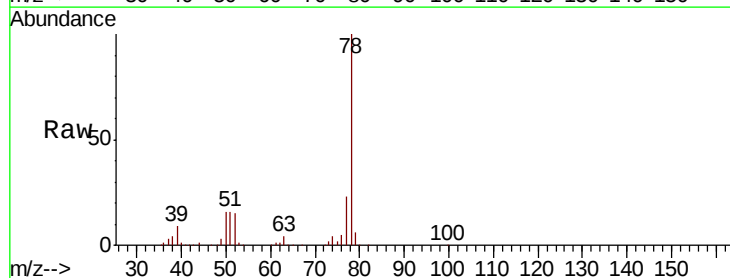
Instrument :
MSVOA_X
ClientSampled :
VX0809WBS02

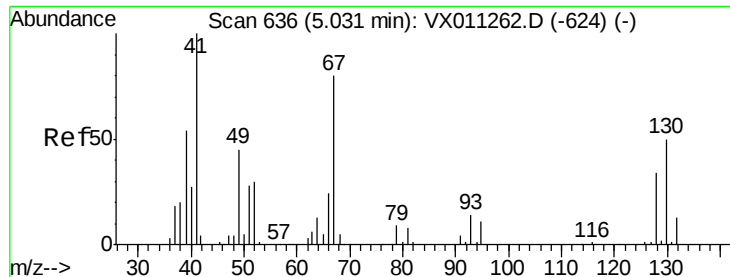
Tgt Ion: 83 Resp: 42819
Ion Ratio Lower Upper
83 100
55 68.6 56.1 84.1
98 48.7 39.0 58.4



#40
Benzene
Concen: 18.611 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

Tgt Ion: 78 Resp: 121050
Ion Ratio Lower Upper
78 100
77 23.0 18.2 27.2





#41

Methacrylonitrile

Concen: 19.526 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA_X

ClientSampled :

VX0809WBS02

Tgt Ion: 41 Resp: 23314

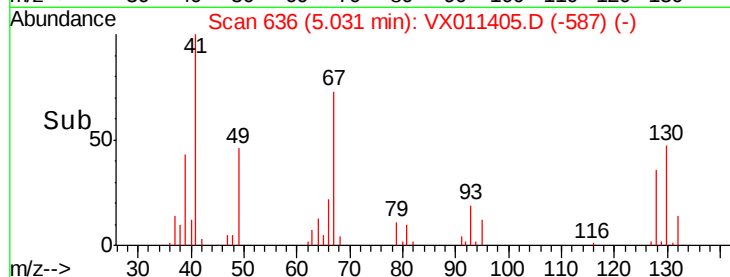
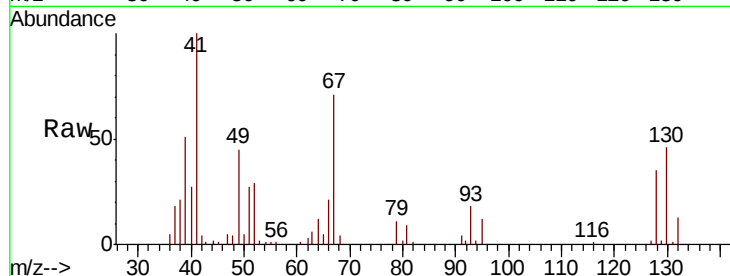
Ion Ratio Lower Upper

41 100

39 56.7 43.0 64.6

67 77.7 65.1 97.7

52 34.6 24.8 37.2

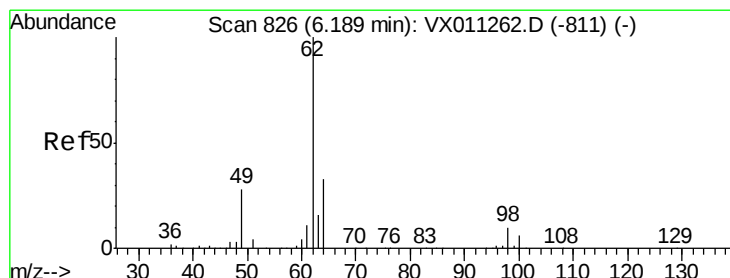
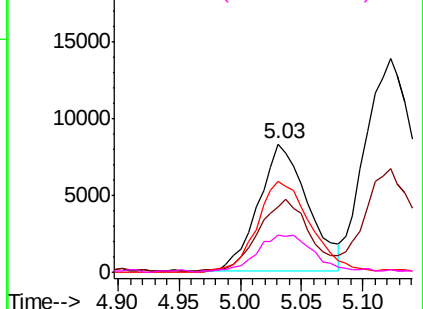


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.707 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX011405.D

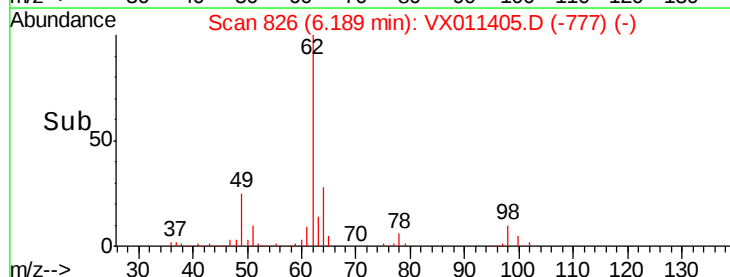
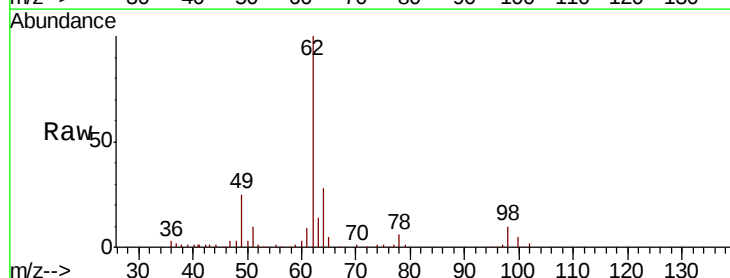
Acq: 09 Aug 2019 13:22

Tgt Ion: 62 Resp: 45543

Ion Ratio Lower Upper

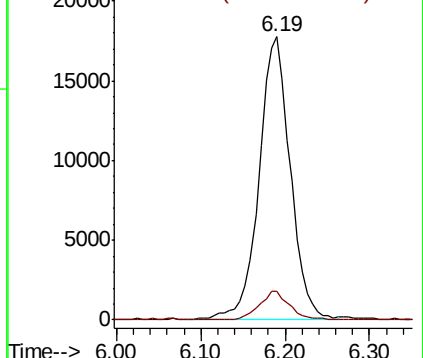
62 100

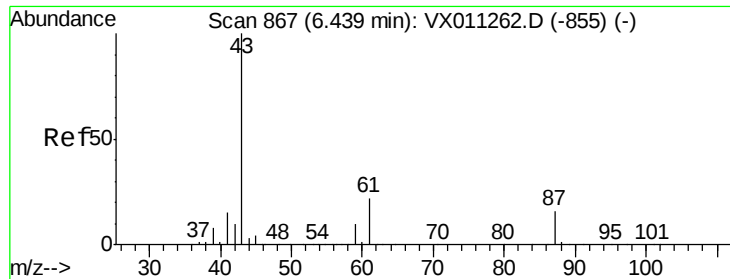
98 9.7 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.052 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS02

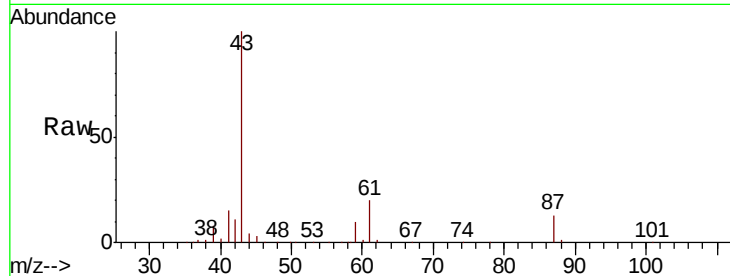
Tgt Ion: 43 Resp: 66595

Ion Ratio Lower Upper

43 100

61 21.5 16.5 24.7

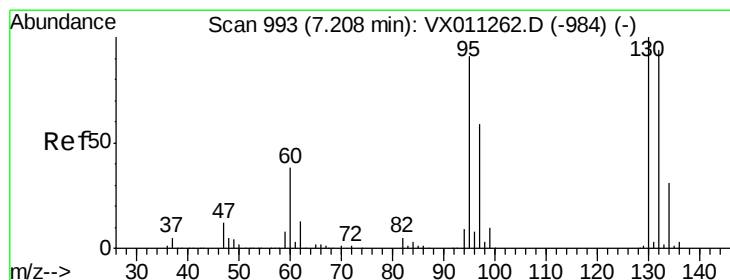
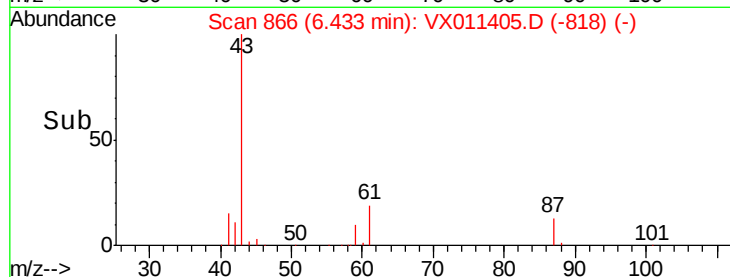
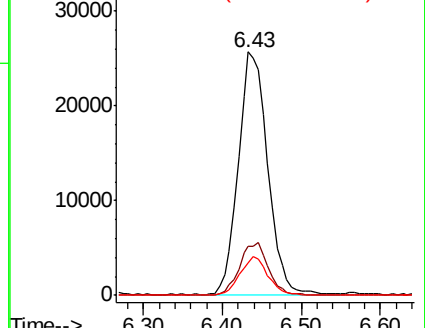
87 15.2 12.1 18.1



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: 17.797 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.00 min

Lab File: VX011405.D

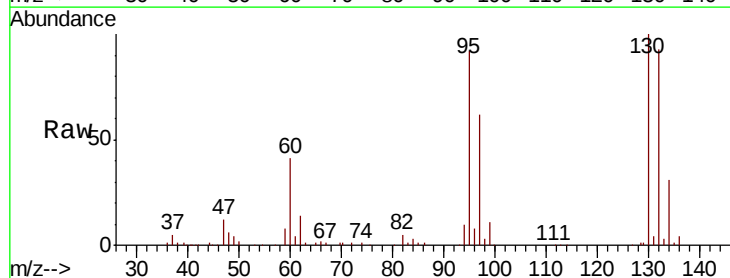
Acq: 09 Aug 2019 13:22

Tgt Ion: 130 Resp: 35037

Ion Ratio Lower Upper

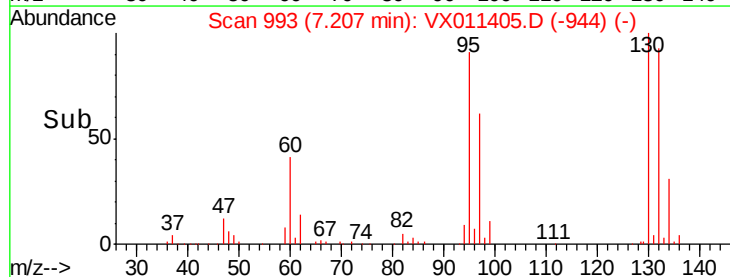
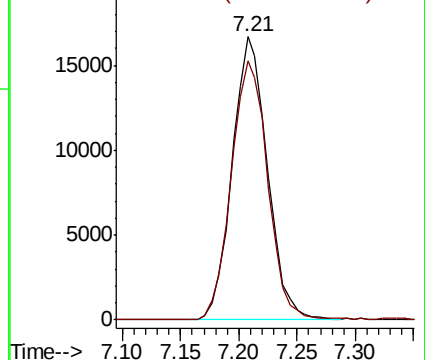
130 100

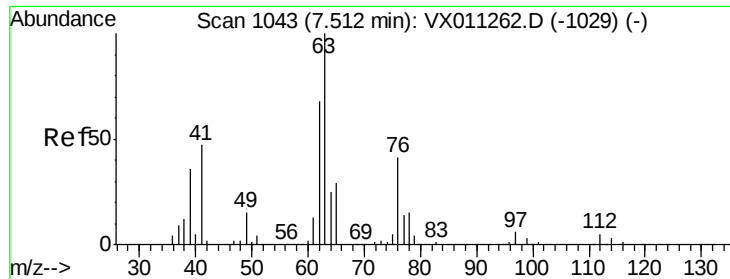
95 91.7 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

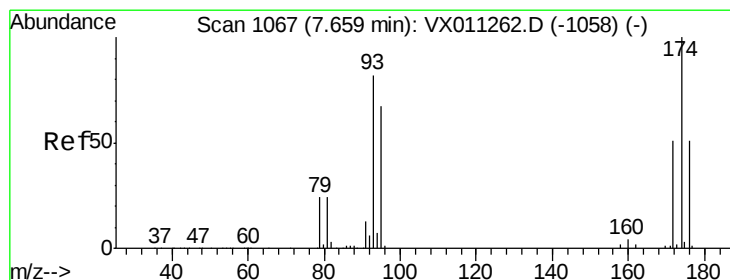
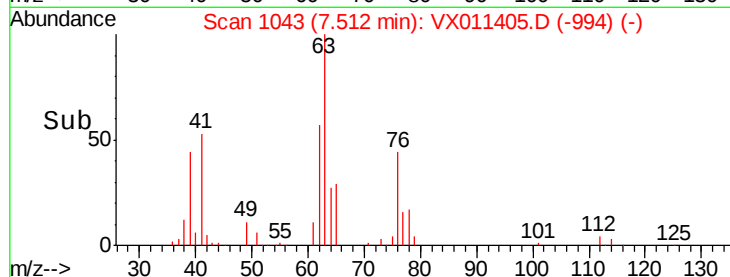
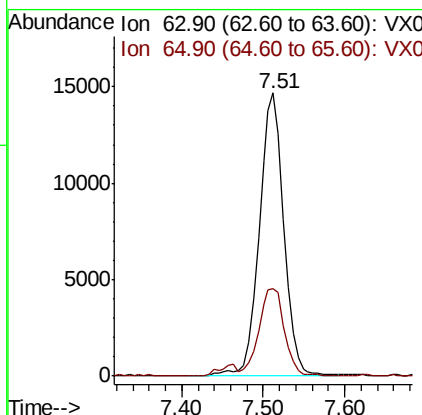
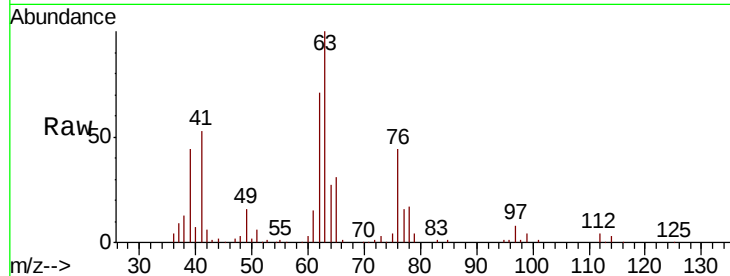




#45
 1,2-Dichloropropane
 Concen: 18.266 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX011405.D
 Acq: 09 Aug 2019 13:22

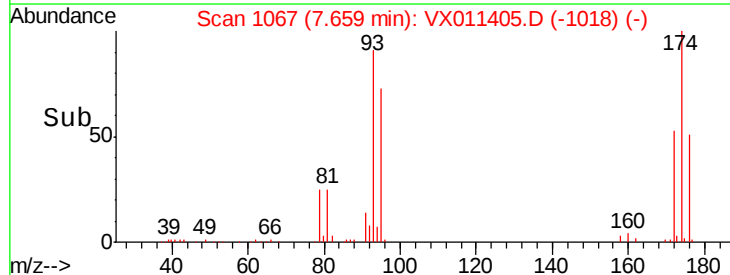
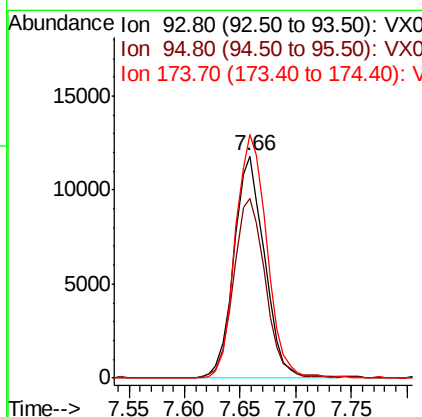
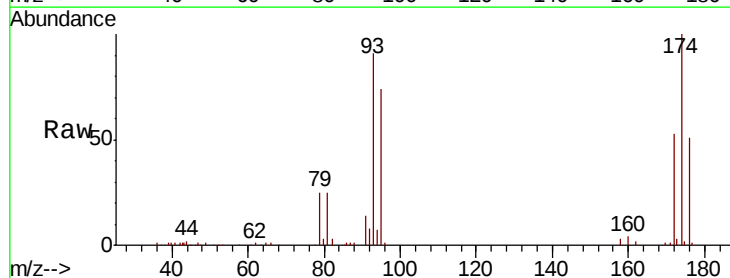
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS02

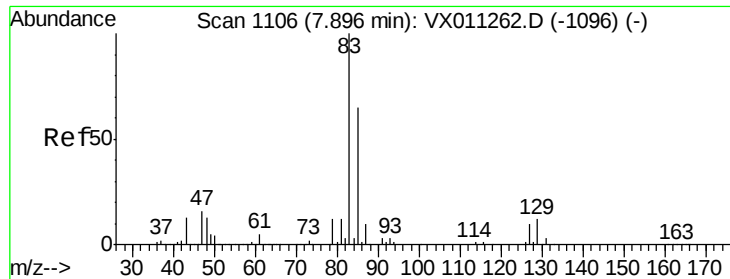
Tgt Ion: 63 Resp: 30768
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.3 34.9



#46
 Dibromomethane
 Concen: 18.372 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX011405.D
 Acq: 09 Aug 2019 13:22

Tgt Ion: 93 Resp: 22592
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.4 99.6
 174 112.3 93.4 140.2





#47

Bromodichloromethane

Concen: 19.682 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS02

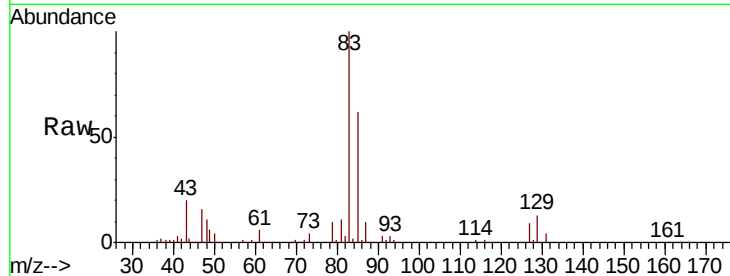
Tgt Ion: 83 Resp: 40977

Ion Ratio Lower Upper

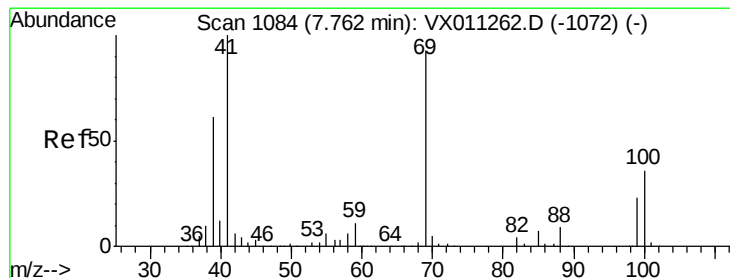
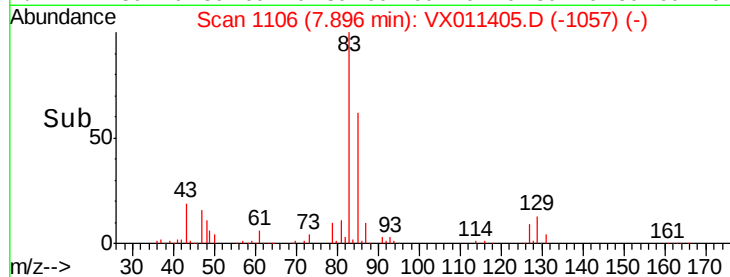
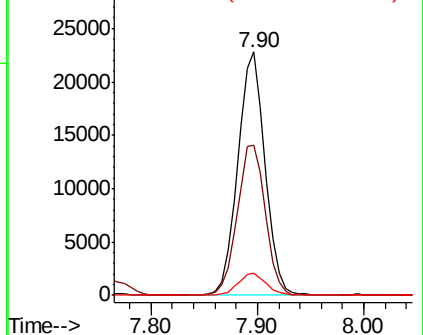
83 100

85 61.5 52.2 78.2

127 8.9 7.8 11.8



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: 19.666 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

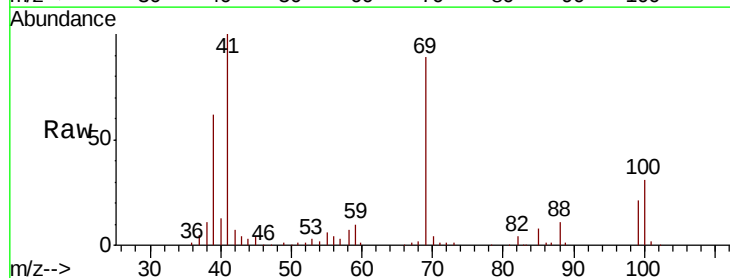
Tgt Ion: 41 Resp: 32351

Ion Ratio Lower Upper

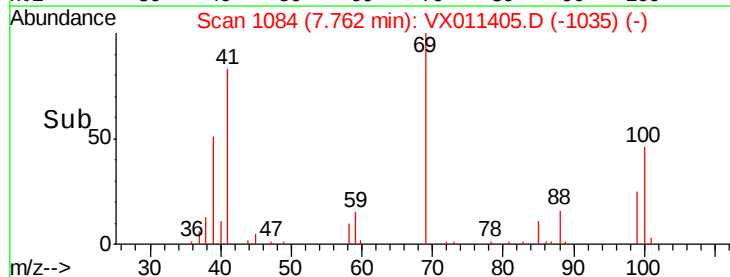
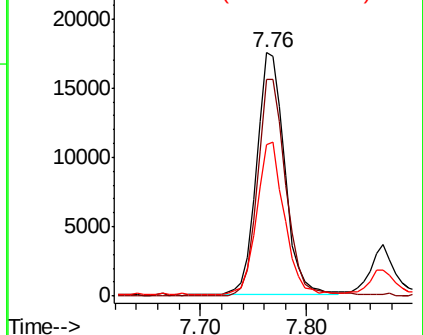
41 100

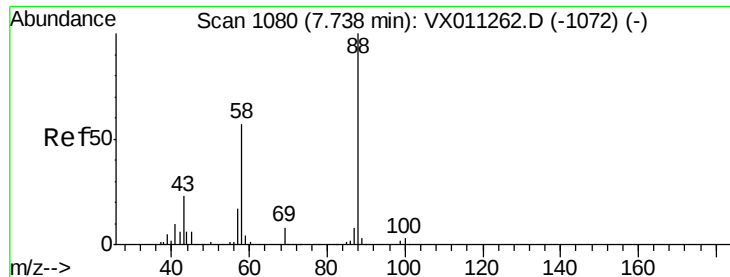
69 91.4 74.5 111.7

39 62.2 48.6 72.8



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

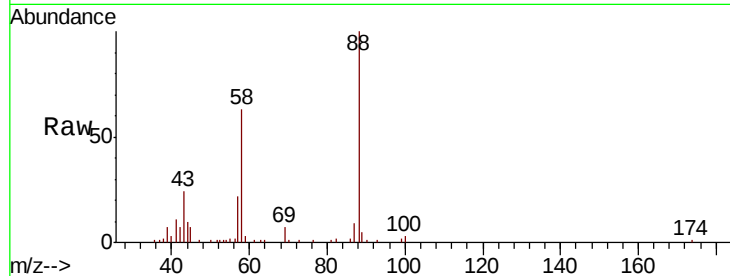




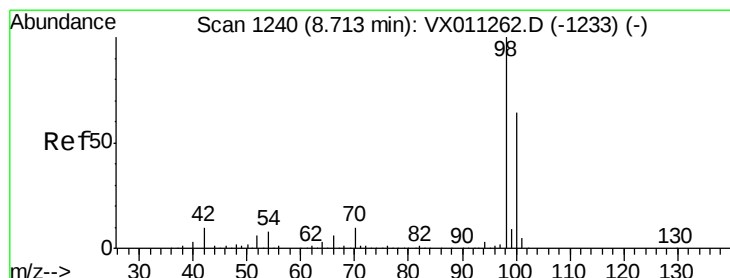
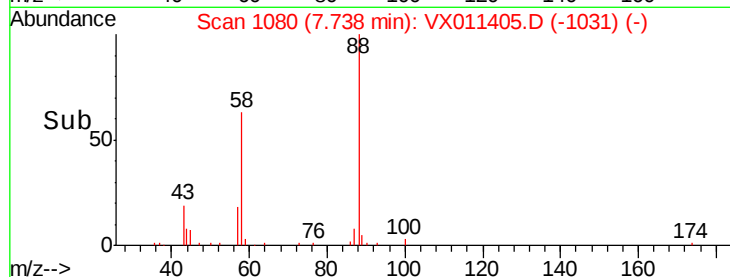
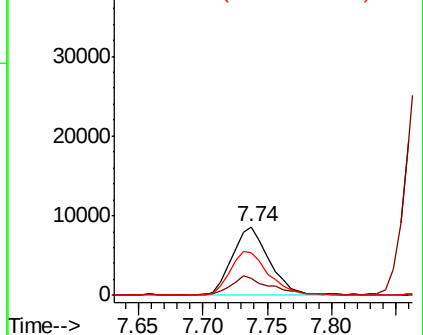
#49
 1,4-Dioxane
 Concen: 361.521 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX011405.D
 Acq: 09 Aug 2019 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS02

Tgt Ion: 88 Resp: 17241
 Ion Ratio Lower Upper
 88 100
 43 29.7 22.2 33.2
 58 66.7 47.8 71.8

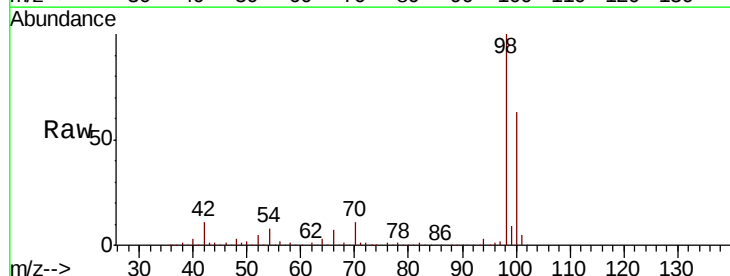


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

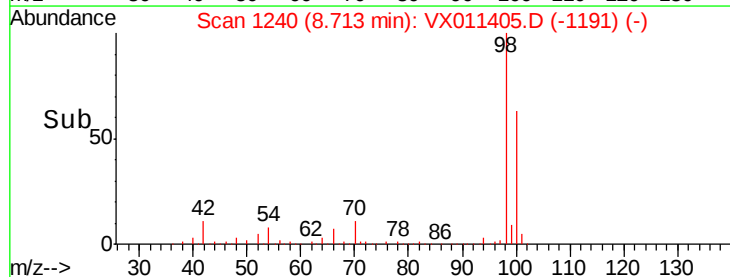
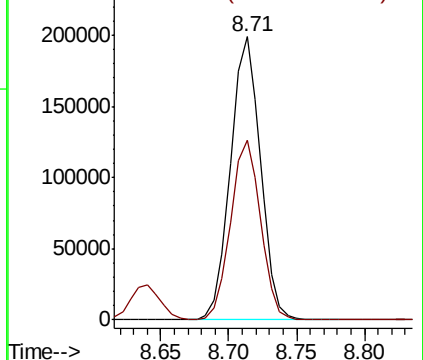


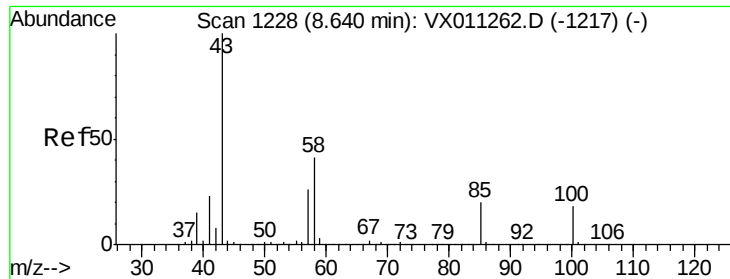
#50
 Toluene-d8
 Concen: 49.592 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011405.D
 Acq: 09 Aug 2019 13:22

Tgt Ion: 98 Resp: 305105
 Ion Ratio Lower Upper
 98 100
 100 63.4 51.7 77.5



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

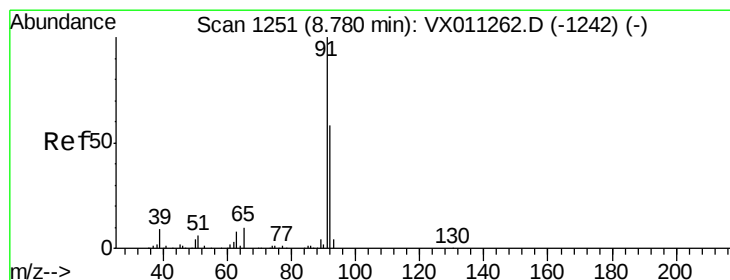
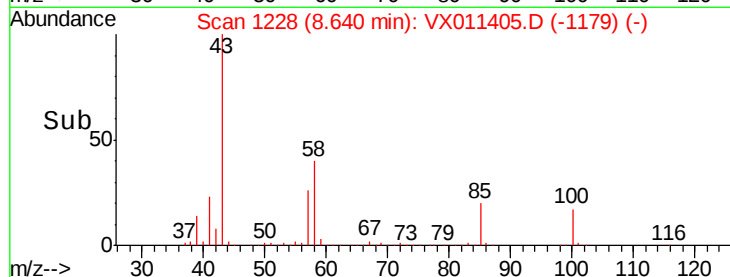
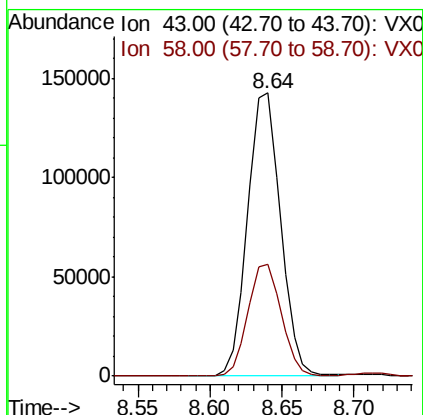
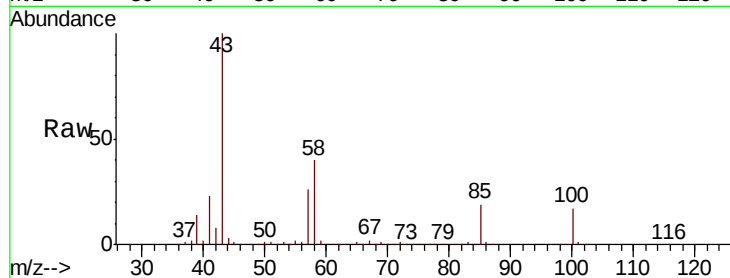




#51
 4-Methyl-2-Pentanone
 Concen: 100.285 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX011405.D
 Acq: 09 Aug 2019 13:22

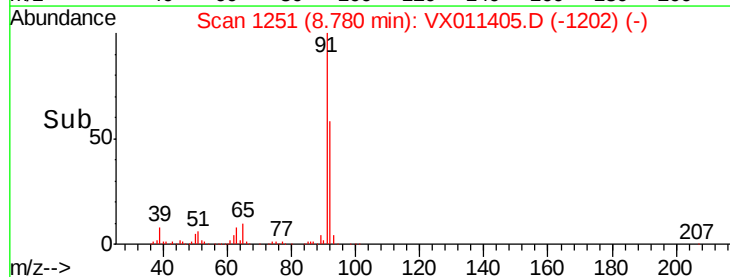
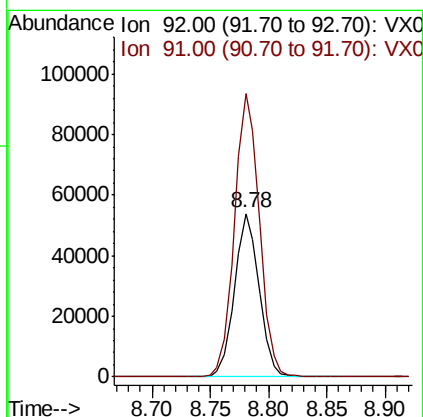
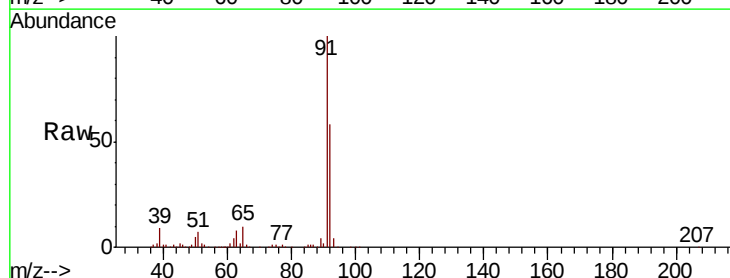
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS02

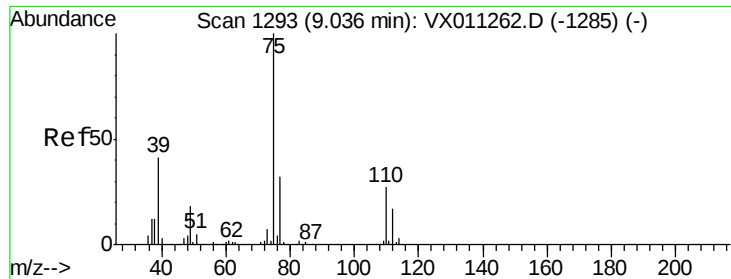
Tgt Ion: 43 Resp: 226225
 Ion Ratio Lower Upper
 43 100
 58 40.1 32.3 48.5



#52
 Toluene
 Concen: 18.430 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX011405.D
 Acq: 09 Aug 2019 13:22

Tgt Ion: 92 Resp: 79254
 Ion Ratio Lower Upper
 92 100
 91 176.2 139.4 209.0

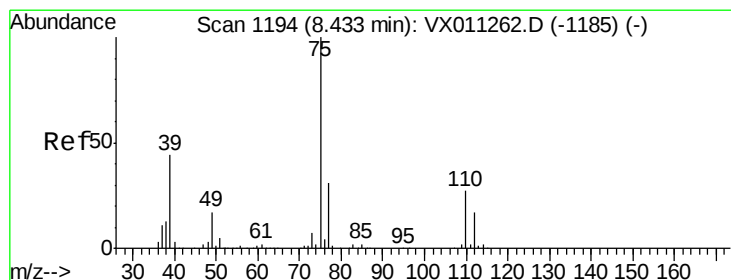
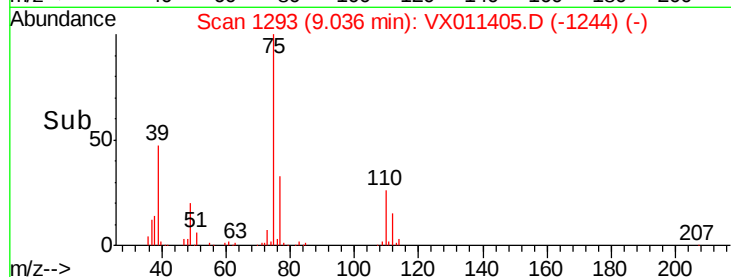
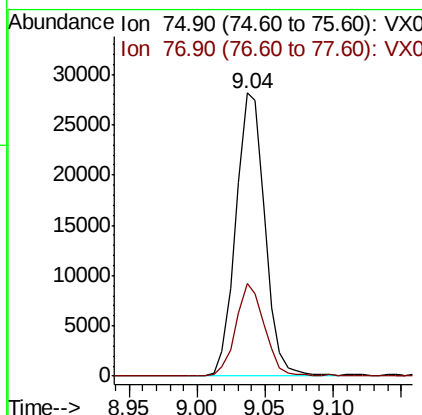
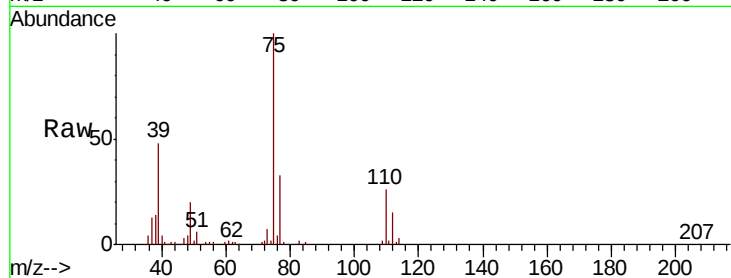




#53
t-1,3-Dichloropropene
Concen: 19.149 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

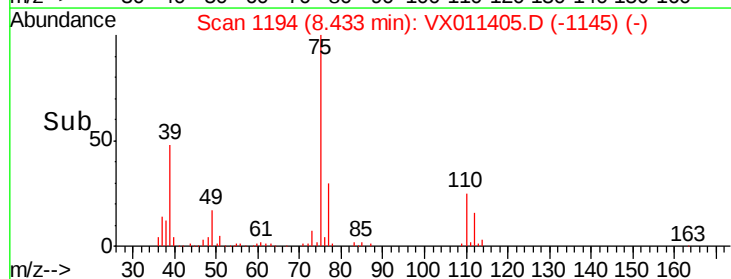
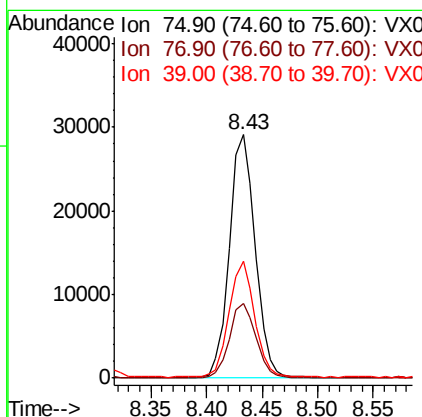
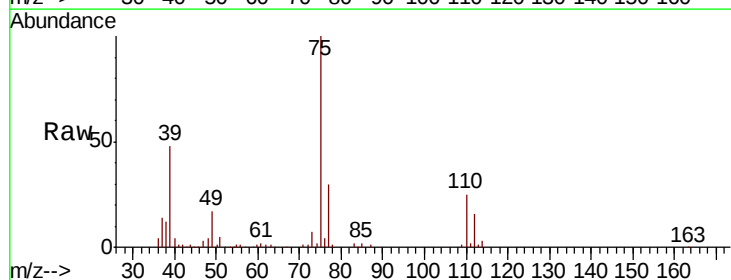
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS02

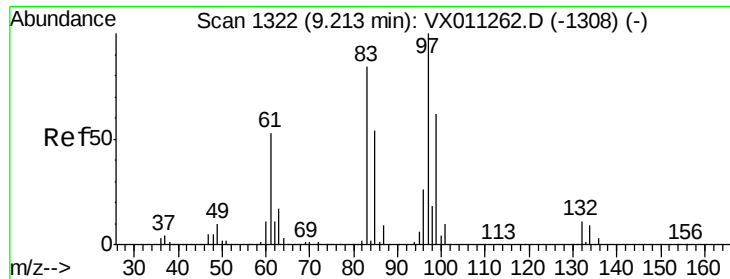
Tgt Ion: 75 Resp: 41927
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.292 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

Tgt Ion: 75 Resp: 46919
Ion Ratio Lower Upper
75 100
77 30.4 25.0 37.6
39 47.5 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 18.878 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS02

Tgt Ion: 97 Resp: 33379

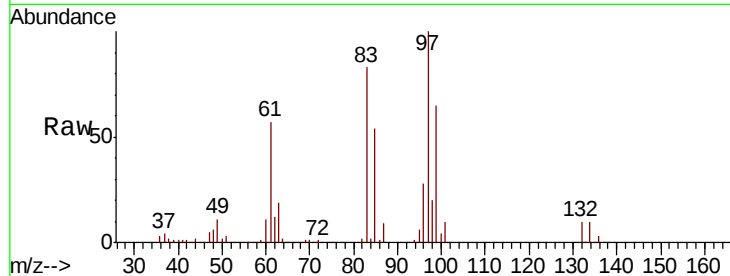
Ion Ratio Lower Upper

97 100

83 82.5 67.6 101.4

85 54.4 43.4 65.0

99 64.5 49.6 74.4

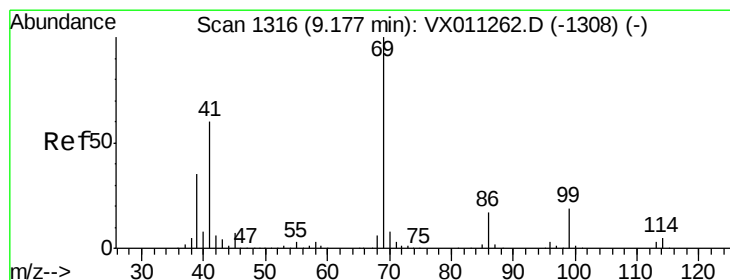
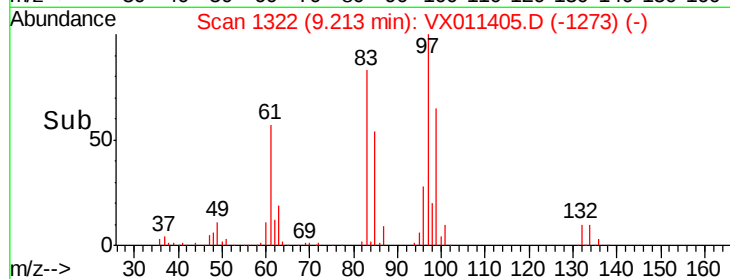
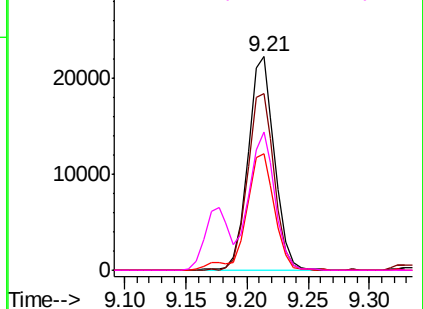


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.141 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

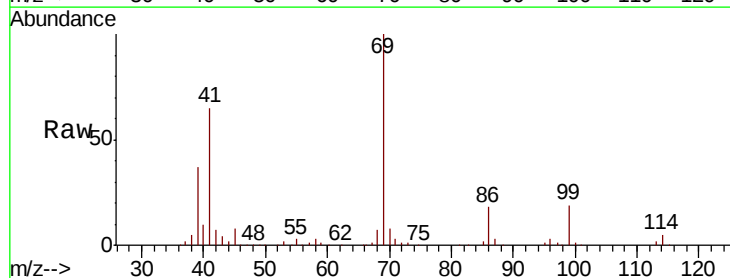
Tgt Ion: 69 Resp: 48228

Ion Ratio Lower Upper

69 100

41 64.9 48.6 73.0

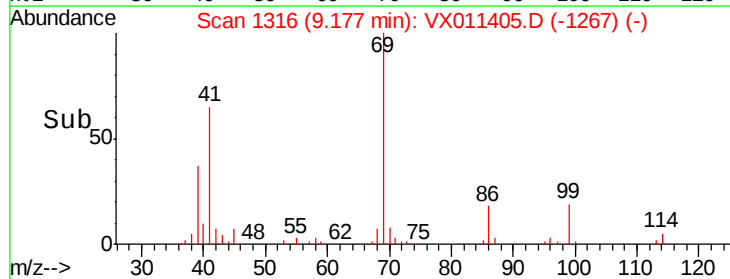
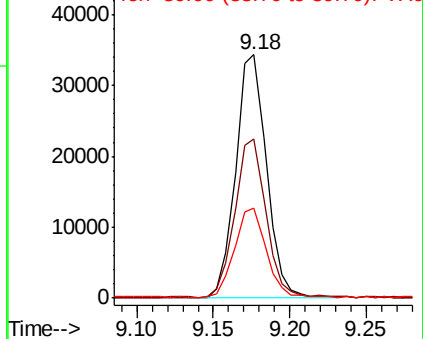
39 37.4 29.4 44.2

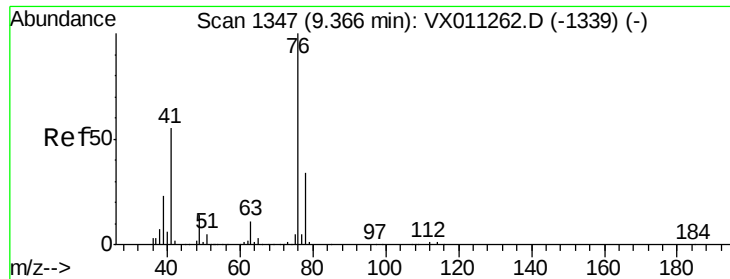


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.089 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

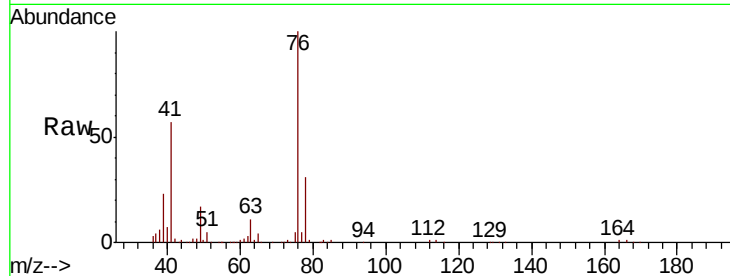
VX0809WBS02

Tgt Ion: 76 Resp: 53378

Ion Ratio Lower Upper

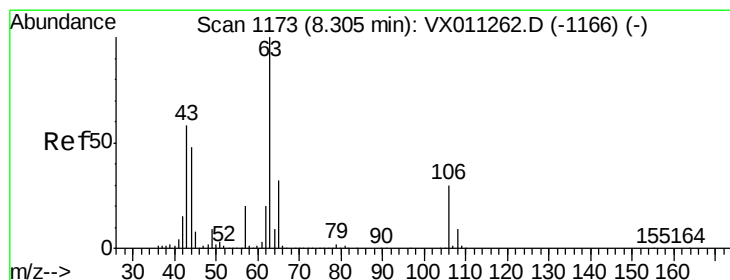
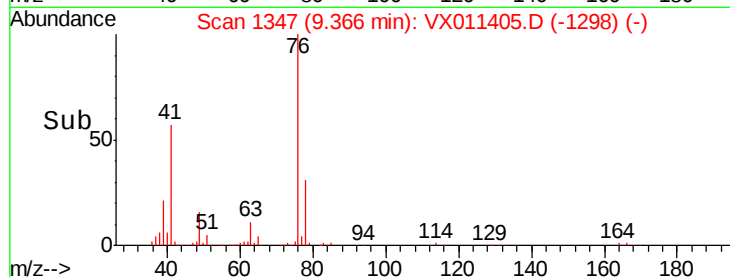
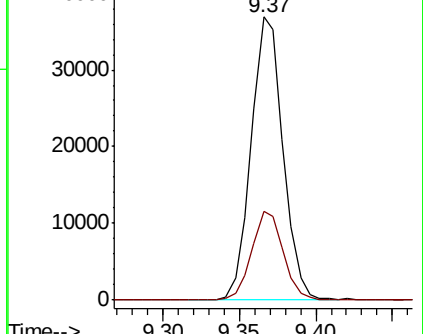
76 100

78 31.3 26.6 40.0



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: 94.976 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.00 min

Lab File: VX011405.D

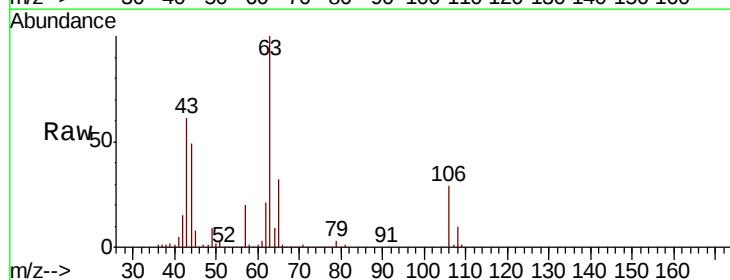
Acq: 09 Aug 2019 13:22

Tgt Ion: 63 Resp: 117666

Ion Ratio Lower Upper

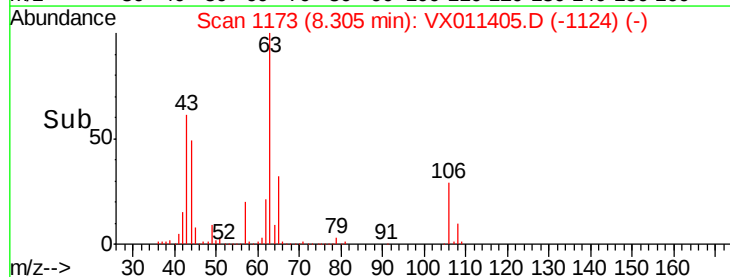
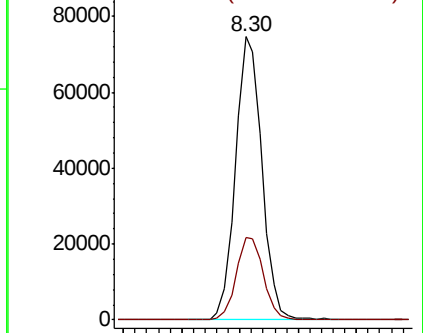
63 100

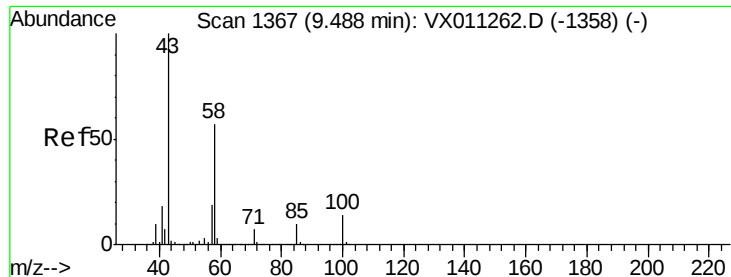
106 30.1 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

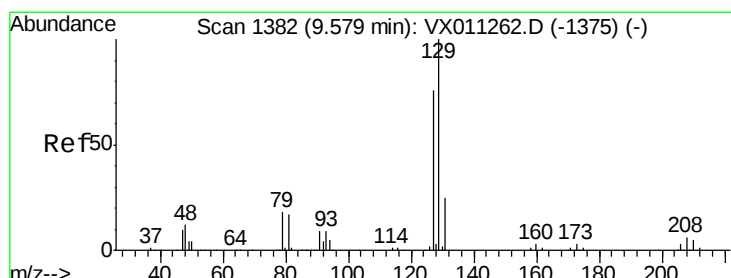
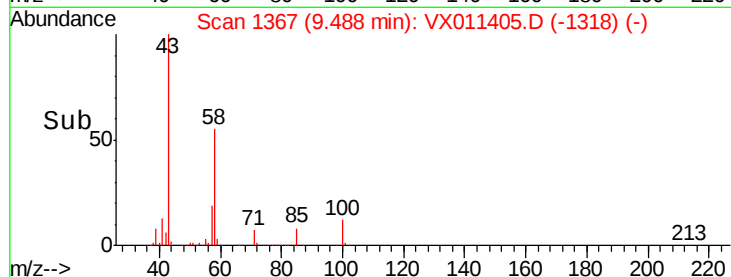
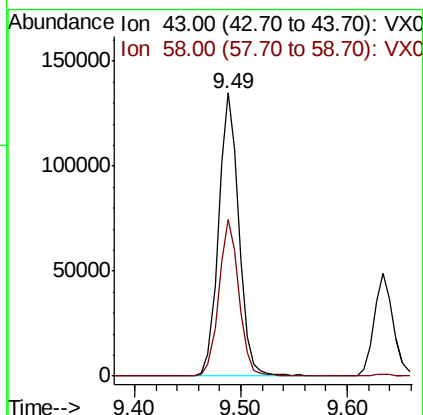
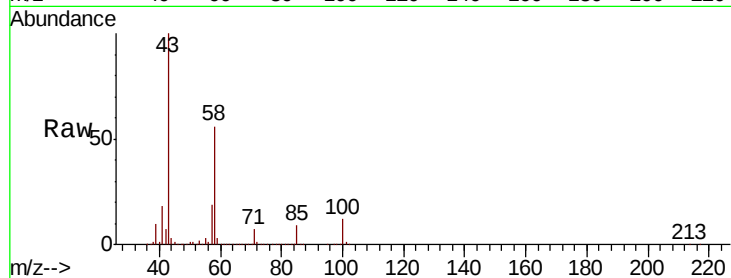




#59
2-Hexanone
Concen: 102.248 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

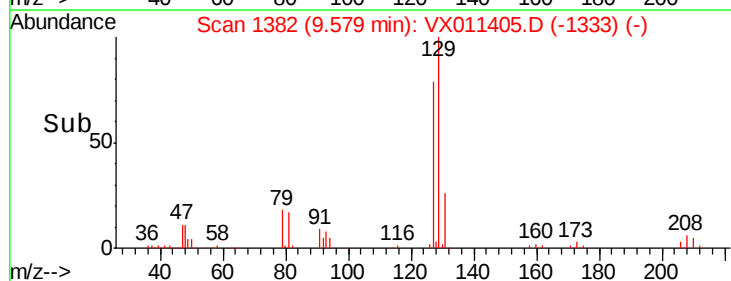
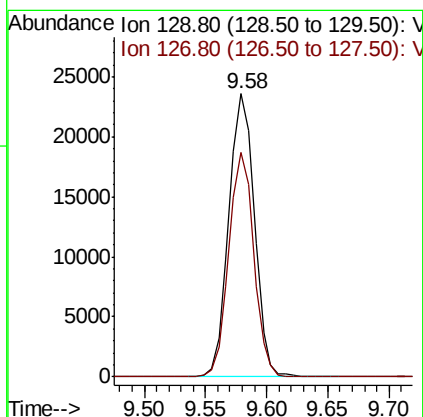
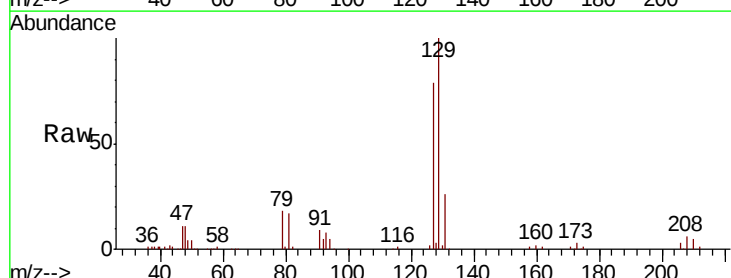
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS02

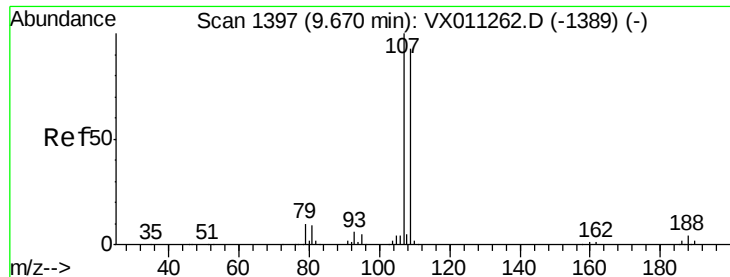
Tgt Ion: 43 Resp: 178657
Ion Ratio Lower Upper
43 100
58 55.1 28.2 84.6



#60
Dibromochloromethane
Concen: 18.855 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

Tgt Ion: 129 Resp: 34132
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6

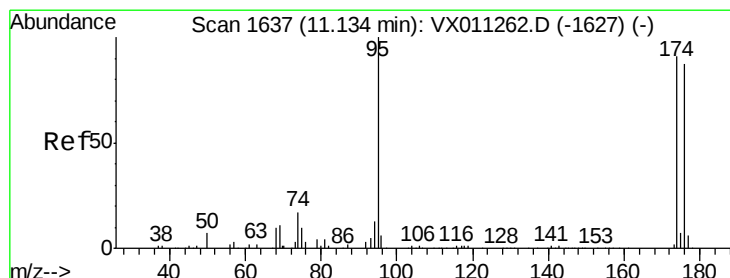
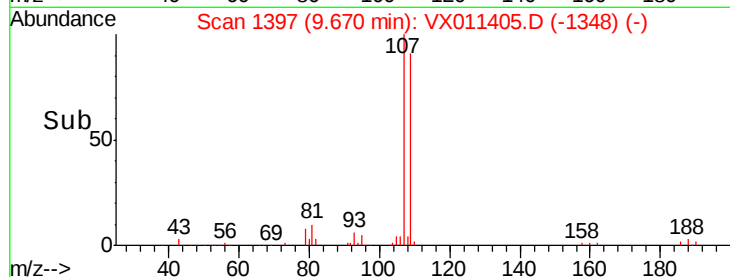
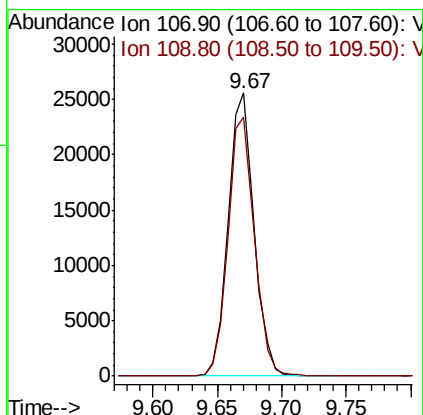
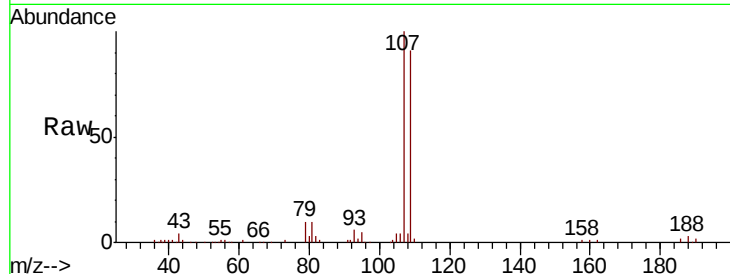




#61
 1,2-Dibromoethane
 Concen: 18.856 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX011405.D
 Acq: 09 Aug 2019 13:22

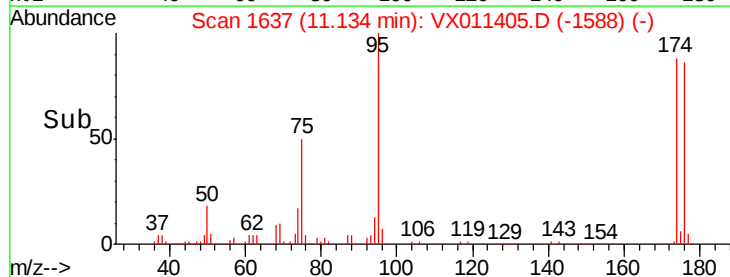
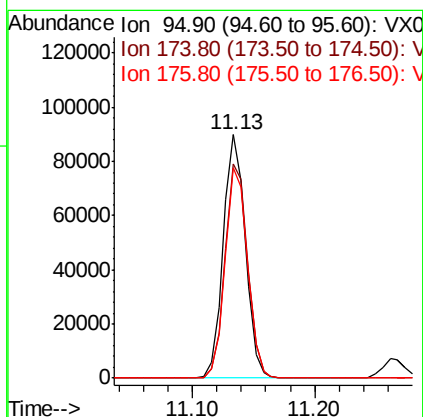
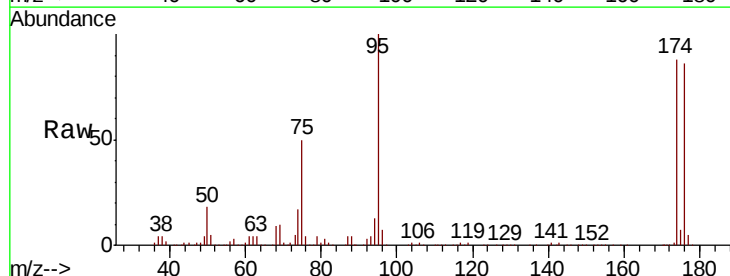
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS02

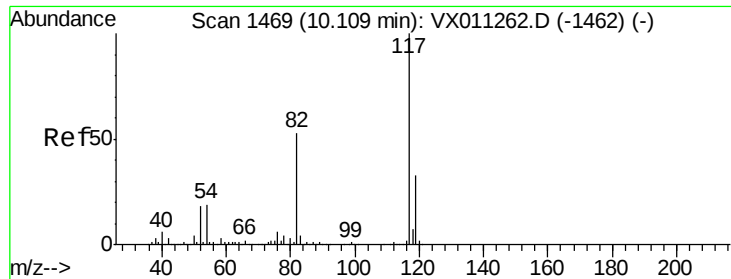
Tgt Ion: 107 Resp: 36020
 Ion Ratio Lower Upper
 107 100
 109 93.5 76.6 114.8



#62
 4-Bromofluorobenzene
 Concen: 51.132 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX011405.D
 Acq: 09 Aug 2019 13:22

Tgt Ion: 95 Resp: 112313
 Ion Ratio Lower Upper
 95 100
 174 89.8 0.0 191.2
 176 87.7 0.0 184.8

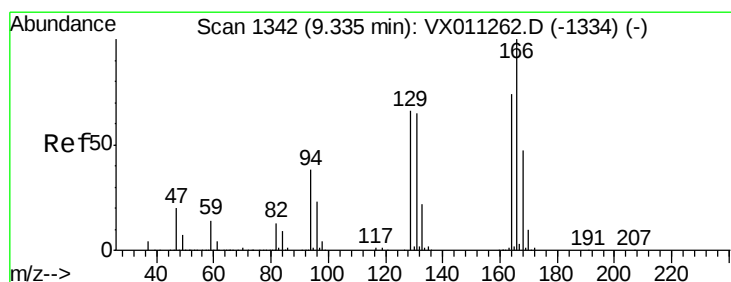
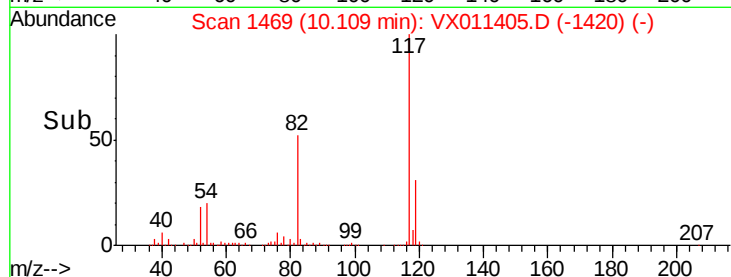
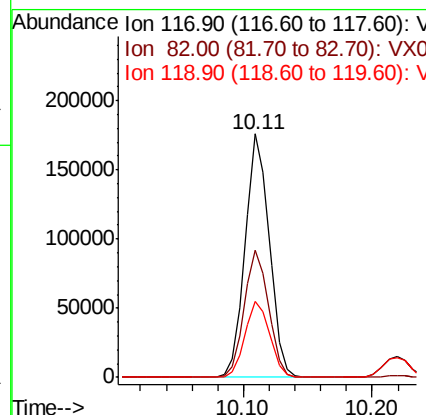
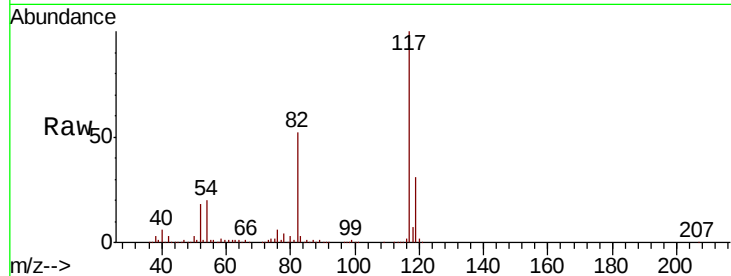




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

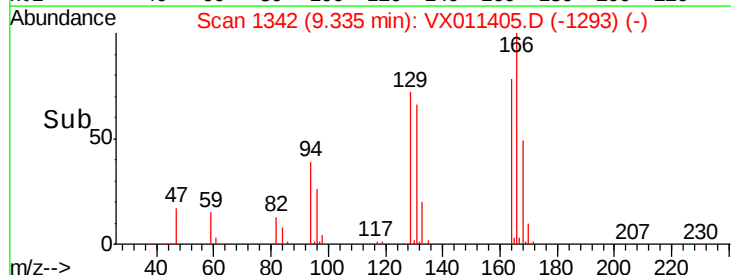
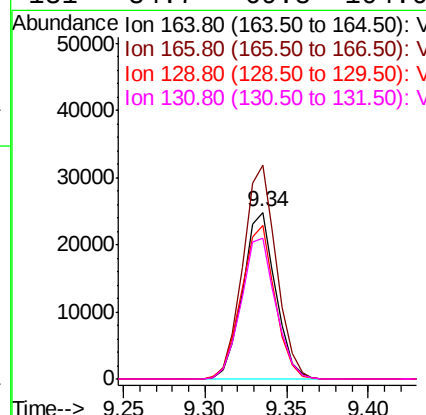
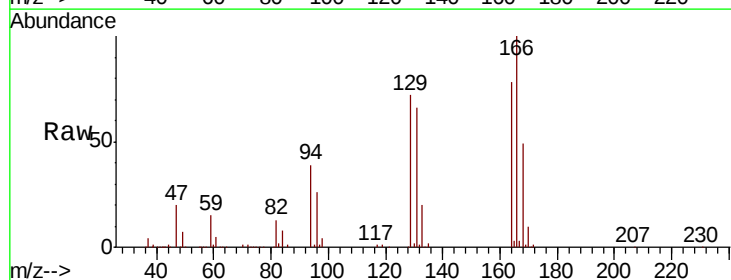
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS02

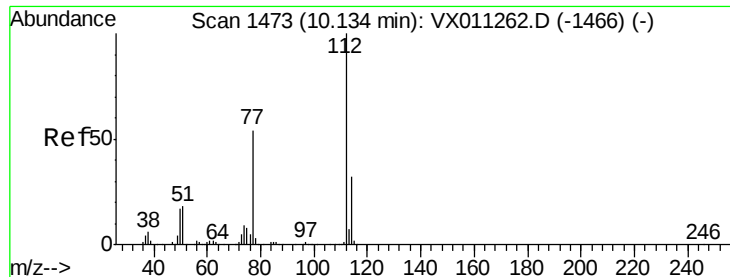
Tgt Ion:117 Resp: 228510
Ion Ratio Lower Upper
117 100
82 52.3 42.2 63.2
119 31.3 26.6 39.8



#64
Tetrachloroethene
Concen: 18.025 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

Tgt Ion:164 Resp: 34980
Ion Ratio Lower Upper
164 100
166 127.9 107.5 161.3
129 91.9 71.0 106.4
131 84.7 69.8 104.6

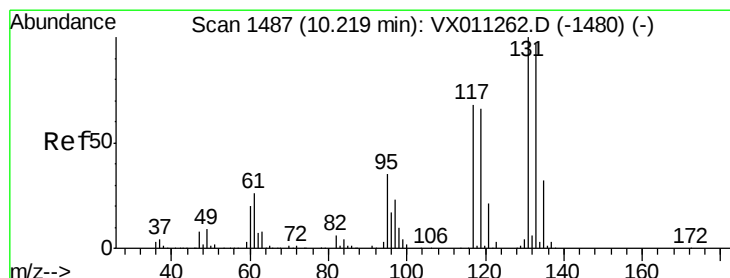
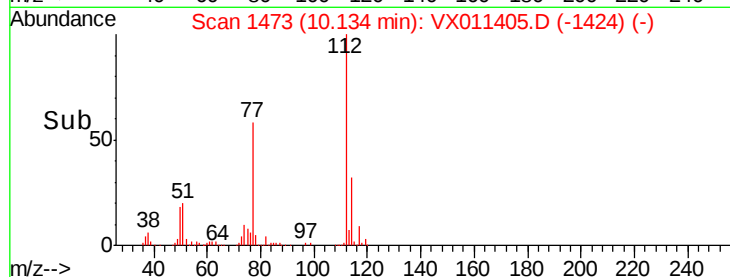
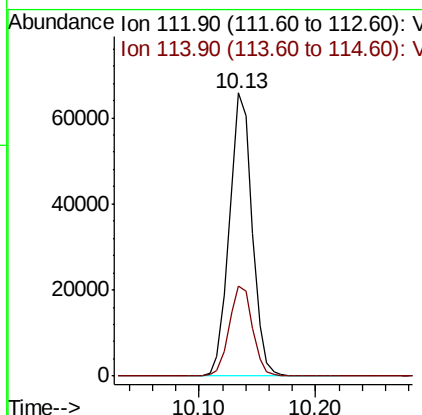
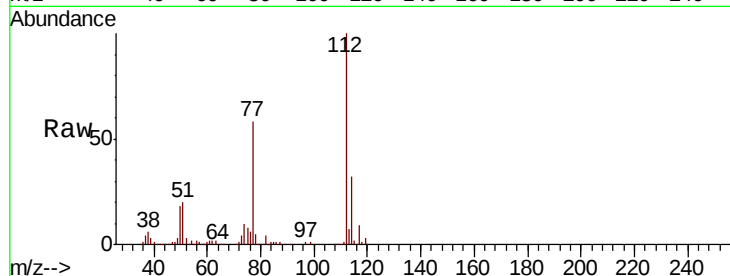




#65
Chlorobenzene
Concen: 18.284 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

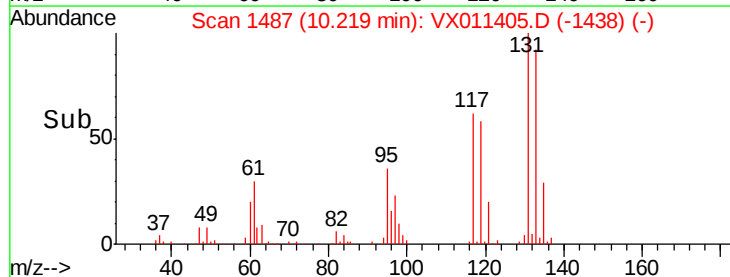
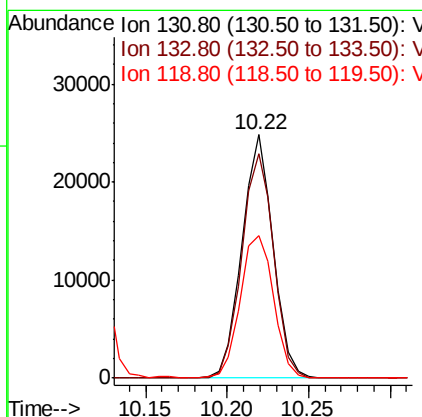
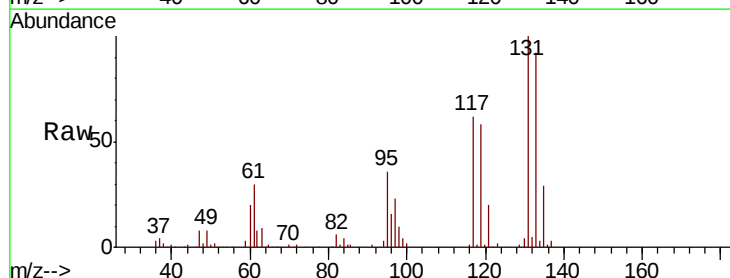
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS02

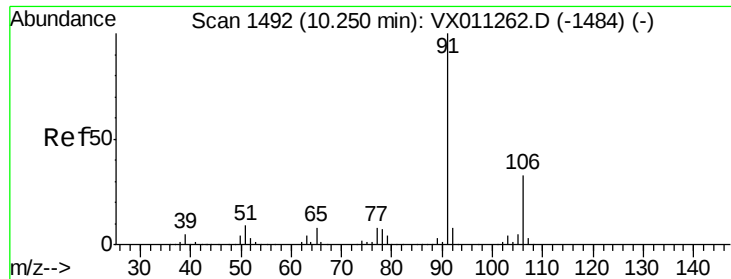
Tgt Ion:112 Resp: 89584
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.694 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

Tgt Ion:131 Resp: 33034
Ion Ratio Lower Upper
131 100
133 94.4 47.7 143.1
119 63.1 32.8 98.3

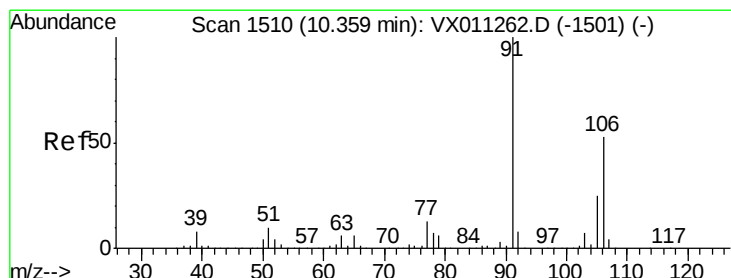
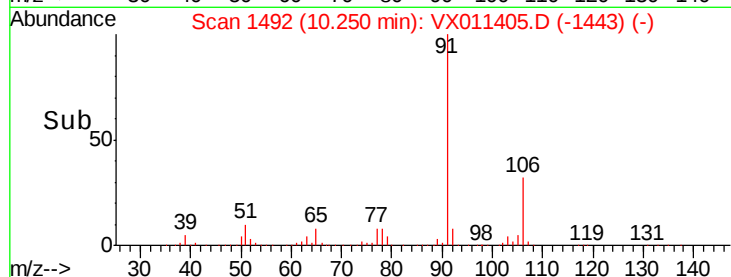
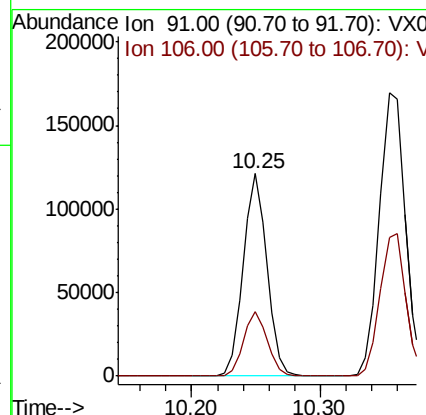
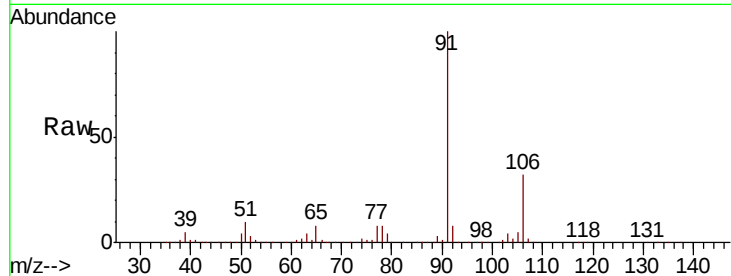




#67
Ethyl Benzene
Concen: 18.783 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

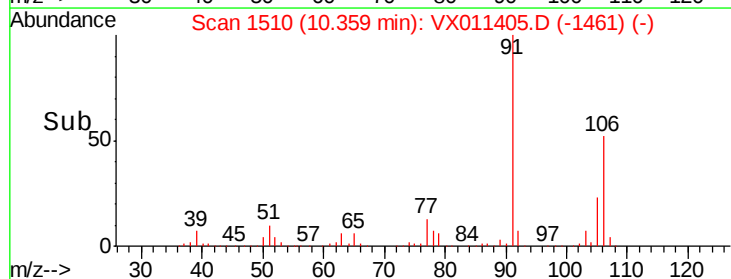
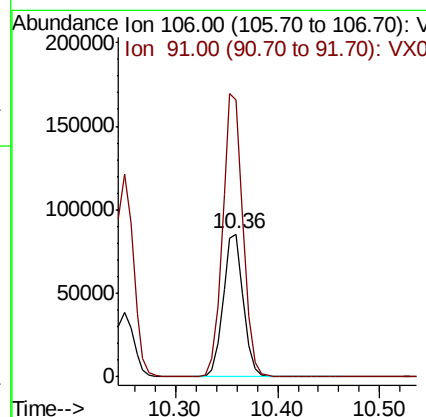
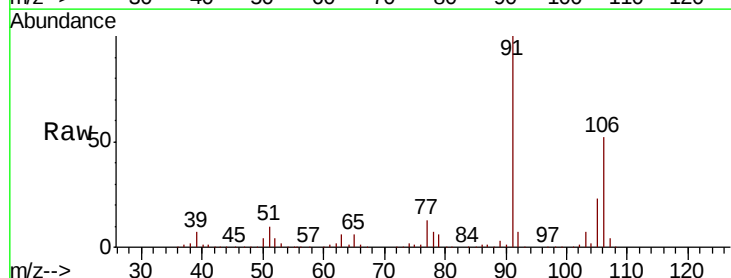
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS02

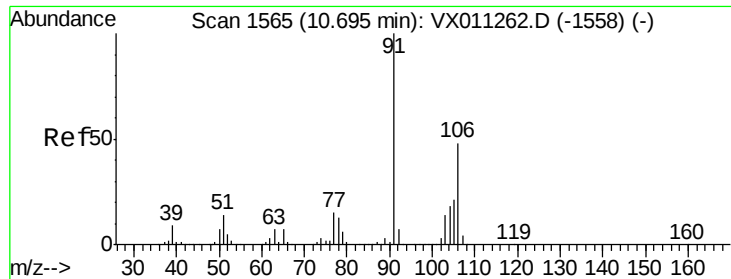
Tgt Ion: 91 Resp: 154122
Ion Ratio Lower Upper
91 100
106 31.8 26.2 39.4



#68
m/p-Xylenes
Concen: 37.245 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

Tgt Ion: 106 Resp: 118211
Ion Ratio Lower Upper
106 100
91 199.5 155.9 233.9

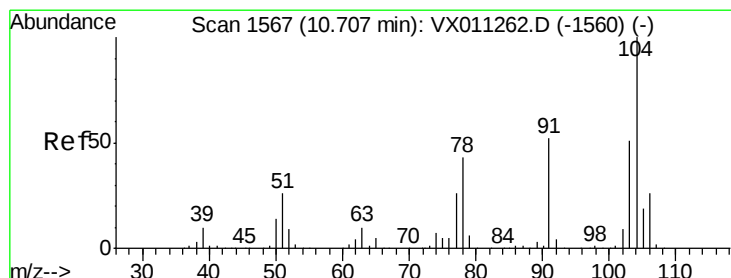
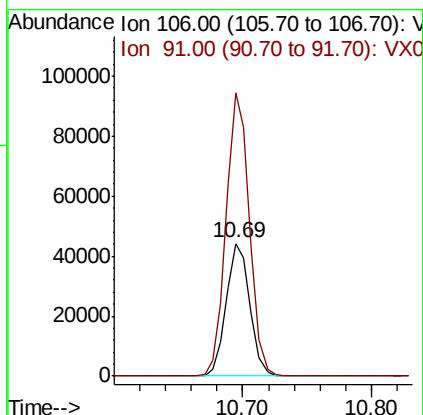
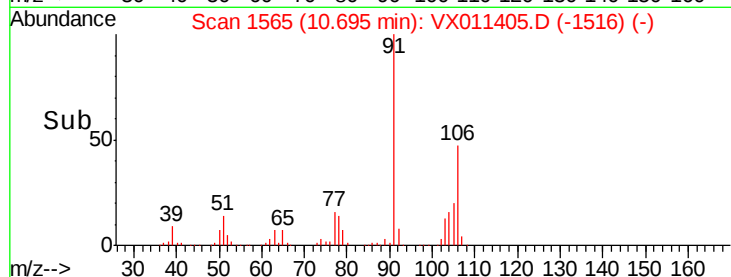
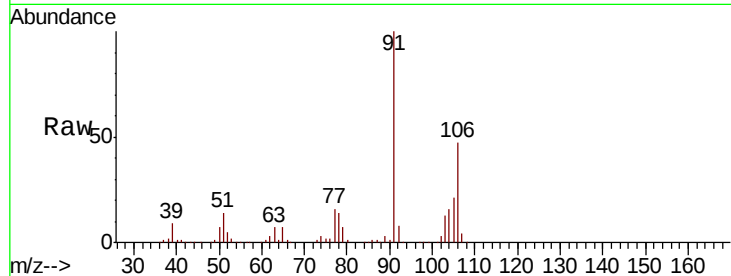




#69
o-Xylene
Concen: 18.336 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

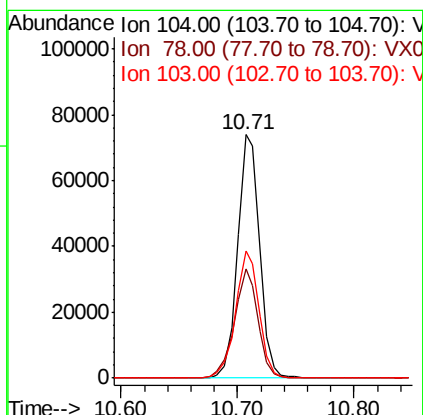
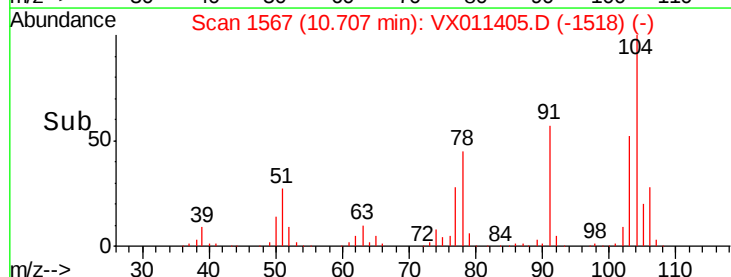
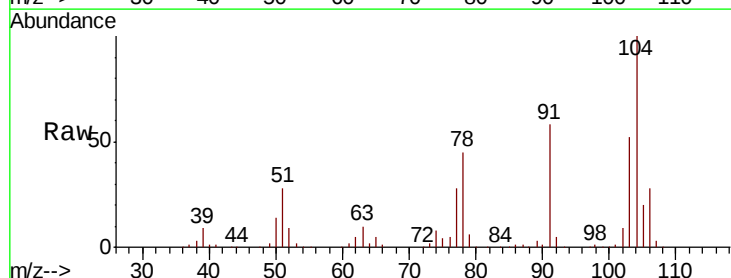
Instrument :
MSVOA_X
ClientSampled :
VX0809WBS02

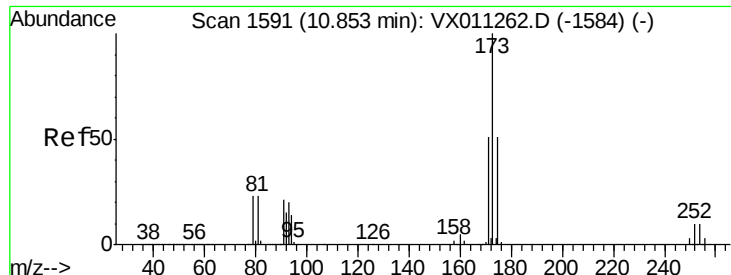
Tgt Ion:106 Resp: 57181
Ion Ratio Lower Upper
106 100
91 211.9 103.8 311.3



#70
Styrene
Concen: 18.847 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

Tgt Ion:104 Resp: 97250
Ion Ratio Lower Upper
104 100
78 48.1 36.9 55.3
103 55.6 44.4 66.6

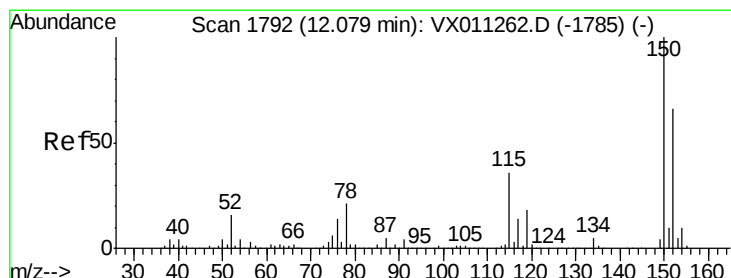
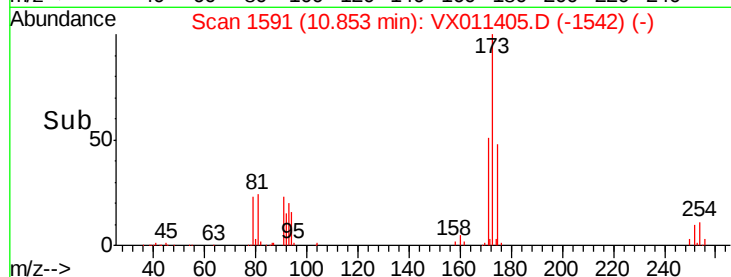
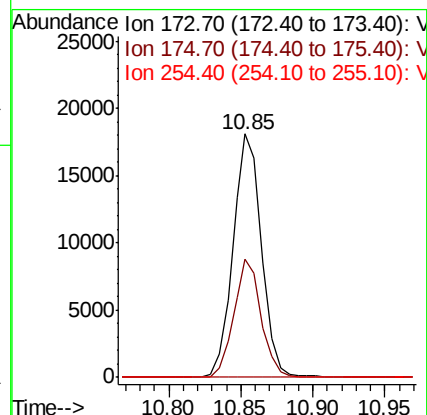
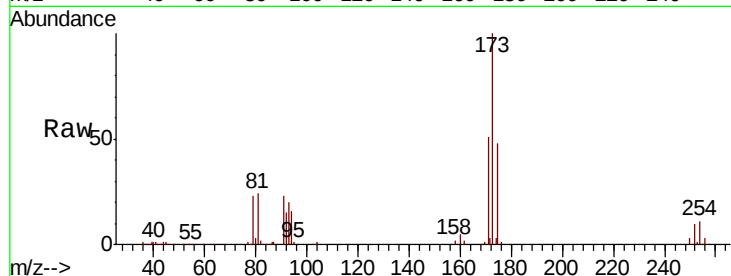




#71
Bromoform
Concen: 18.535 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

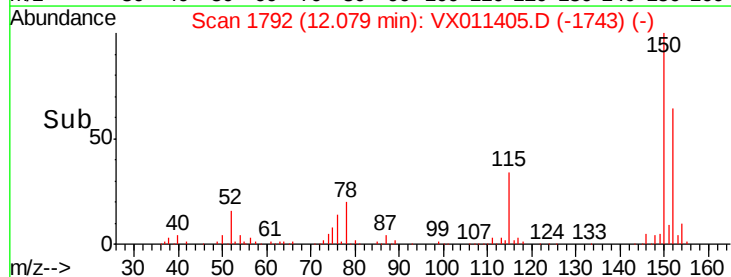
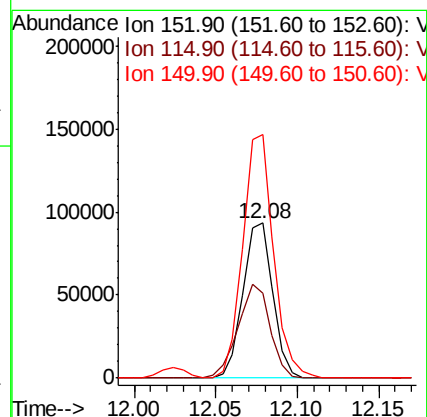
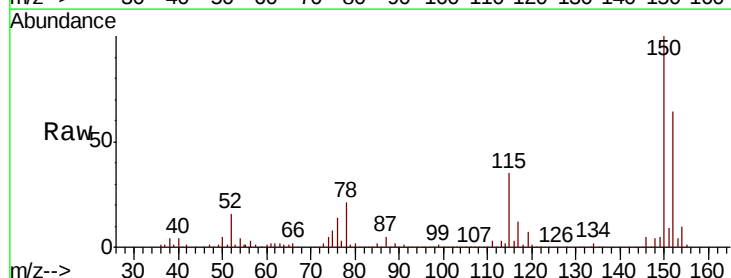
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS02

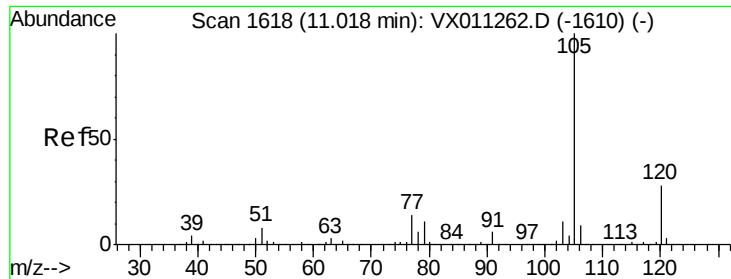
Tgt Ion:173 Resp: 24961
Ion Ratio Lower Upper
173 100
175 46.6 24.4 73.4
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

Tgt Ion:152 Resp: 119297
Ion Ratio Lower Upper
152 100
115 64.9 40.0 119.9
150 162.0 0.0 350.4





#73

Isopropylbenzene

Concen: 19.094 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA_X

ClientSampled :

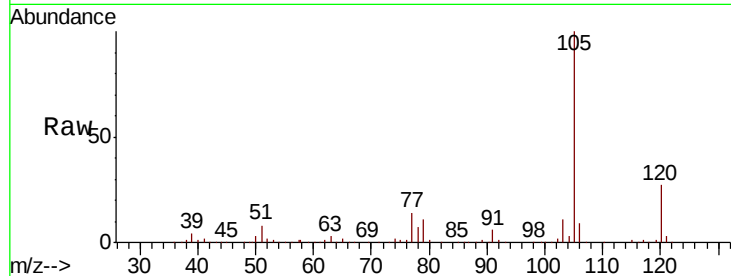
VX0809WBS02

Tgt Ion:105 Resp: 155788

Ion Ratio Lower Upper

105 100

120 27.0 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

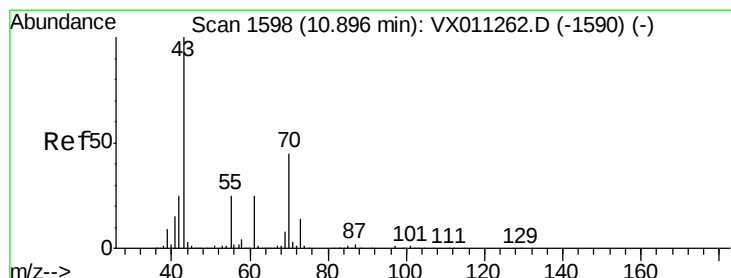
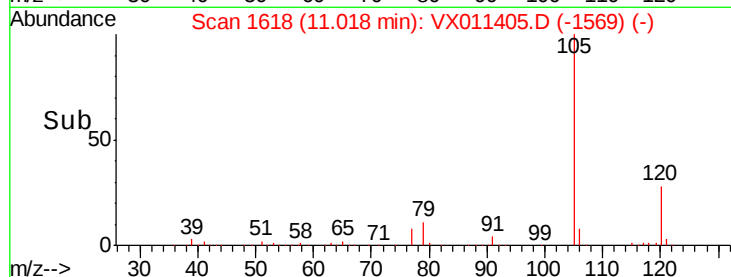
11.02

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.118 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Tgt Ion: 43 Resp: 59311

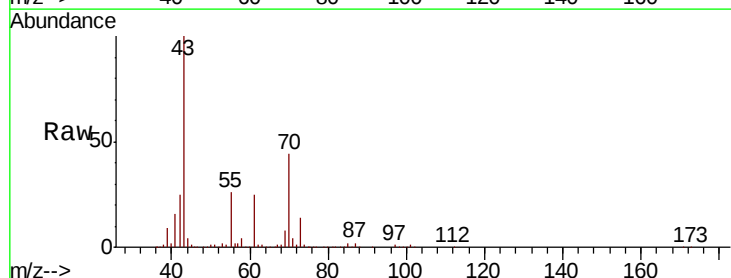
Ion Ratio Lower Upper

43 100

70 43.6 35.9 53.9

55 26.3 19.8 29.6

61 24.8 19.7 29.5



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

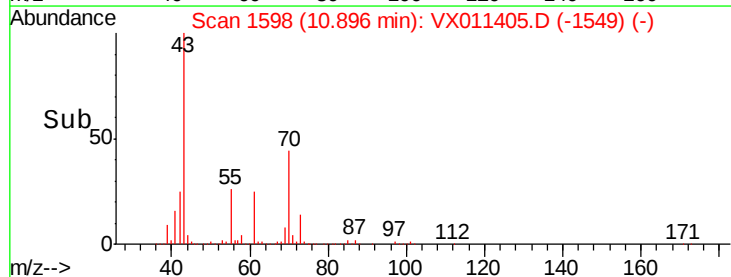
60000

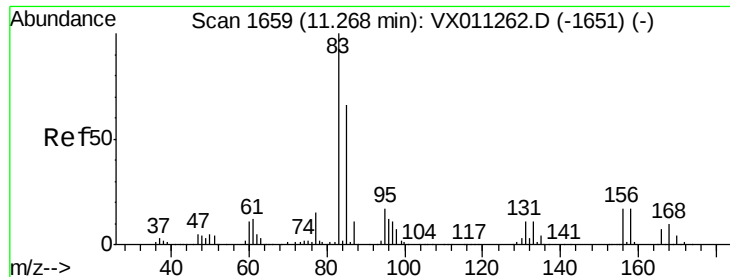
40000

20000

0

Time-->

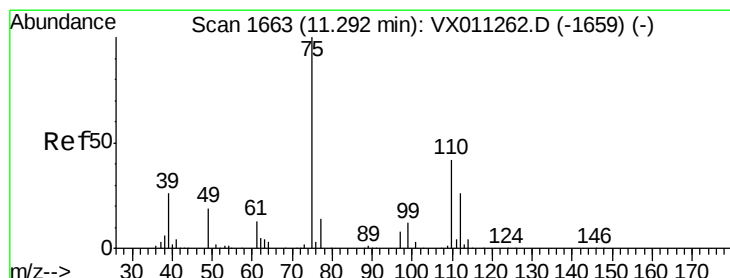
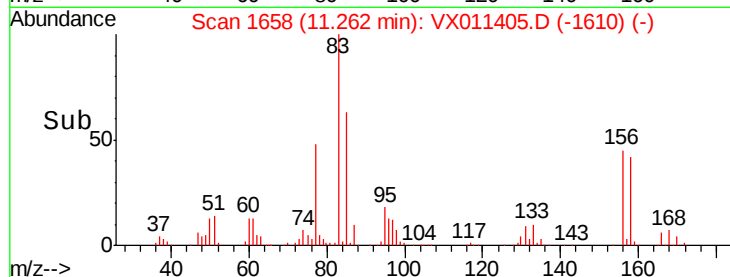
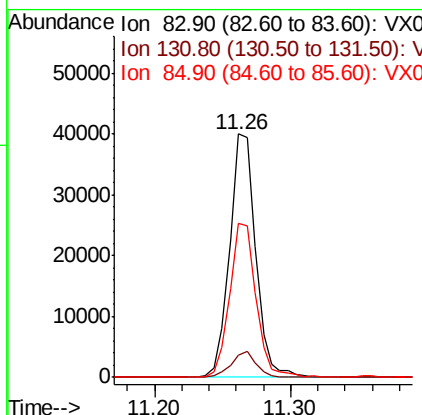
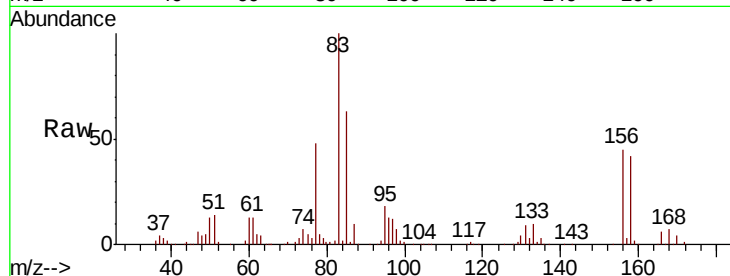




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.617 ug/l
 RT: 11.26 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: VX011405.D
 Acq: 09 Aug 2019 13:22

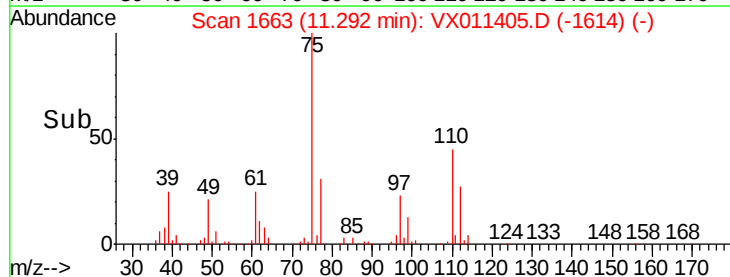
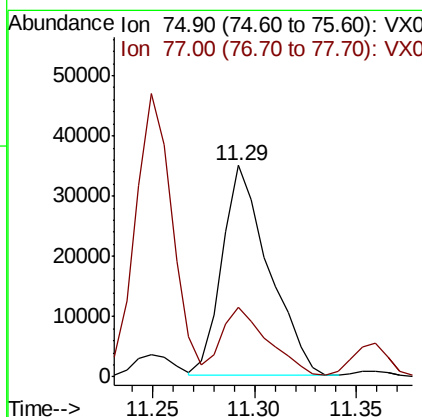
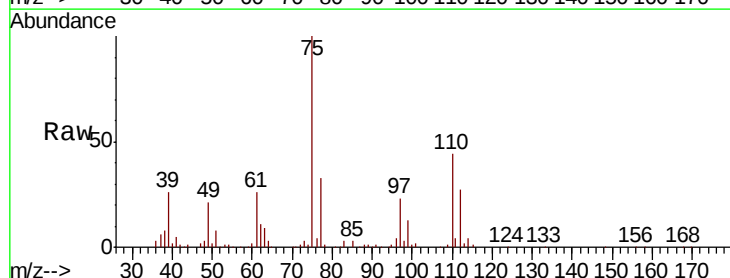
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS02

Tgt Ion: 83 Resp: 53340
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.6 16.8
 85 64.3 32.1 96.5



#76
 1,2,3-Trichloropropane
 Concen: 25.321 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX011405.D
 Acq: 09 Aug 2019 13:22

Tgt Ion: 75 Resp: 55011
 Ion Ratio Lower Upper
 75 100
 77 33.7 21.1 63.4





#77

Bromobenzene

Concen: 18.815 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS02

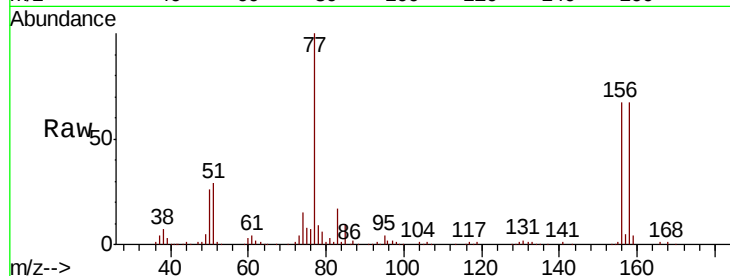
Tgt Ion:156 Resp: 42568

Ion Ratio Lower Upper

156 100

77 138.8 66.2 198.6

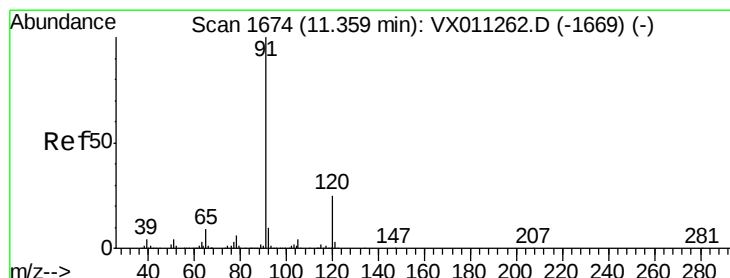
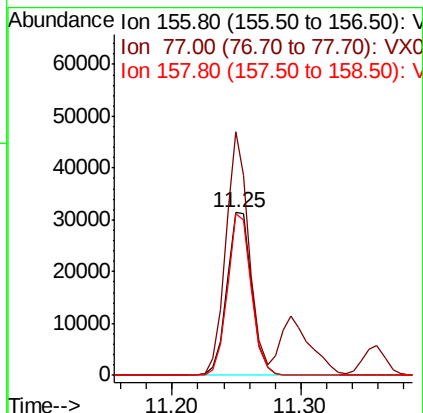
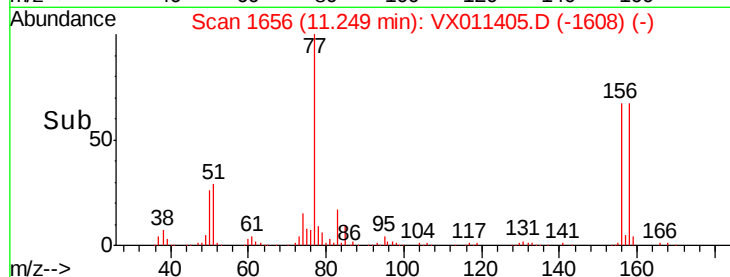
158 95.4 49.1 147.3



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: 19.076 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011405.D

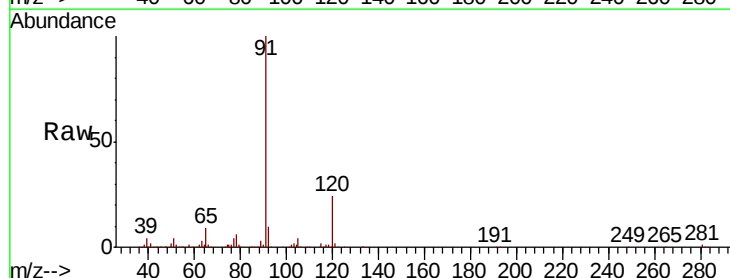
Acq: 09 Aug 2019 13:22

Tgt Ion: 91 Resp: 173082

Ion Ratio Lower Upper

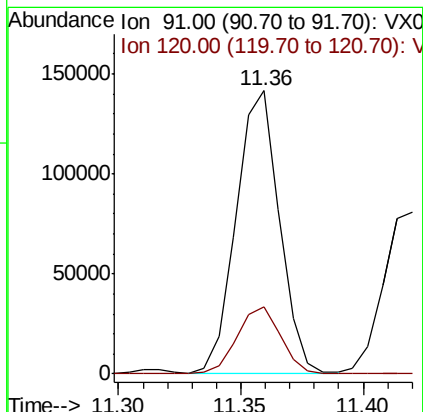
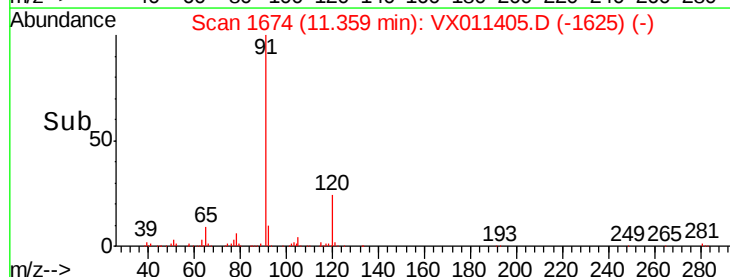
91 100

120 23.9 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.247 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

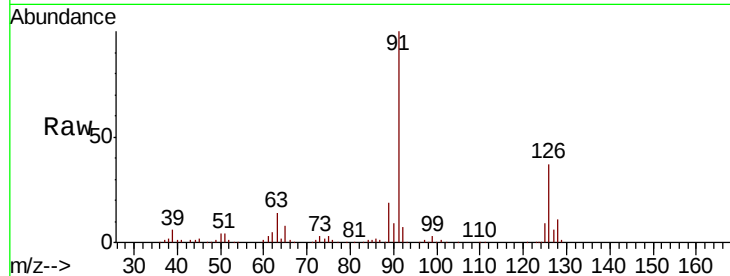
VX0809WBS02

Tgt Ion: 91 Resp: 104086

Ion Ratio Lower Upper

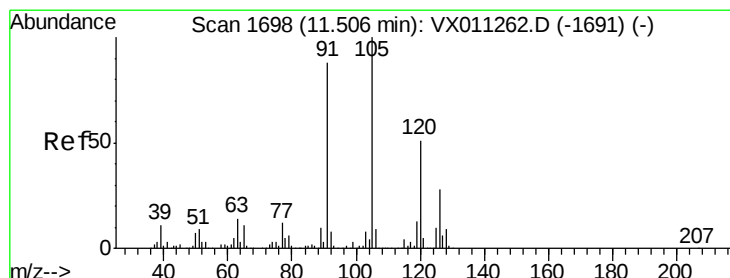
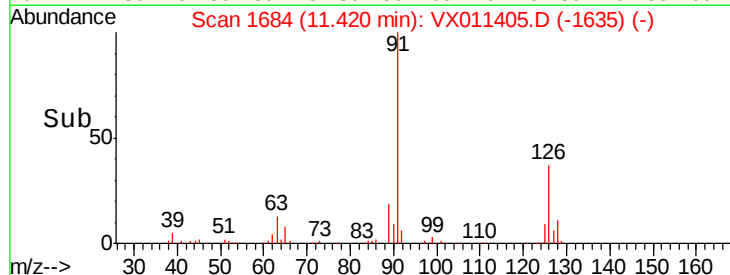
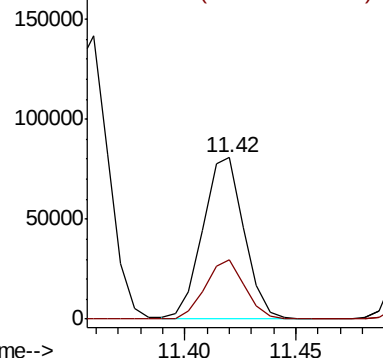
91 100

126 35.7 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.896 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011405.D

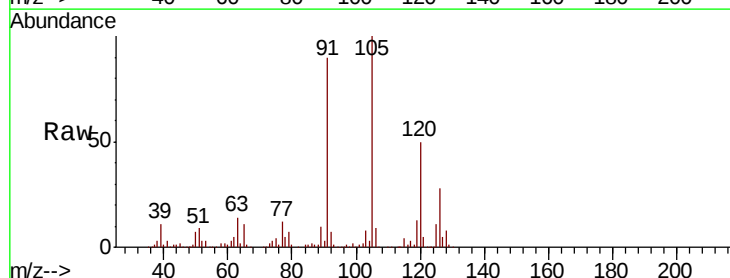
Acq: 09 Aug 2019 13:22

Tgt Ion: 105 Resp: 129057

Ion Ratio Lower Upper

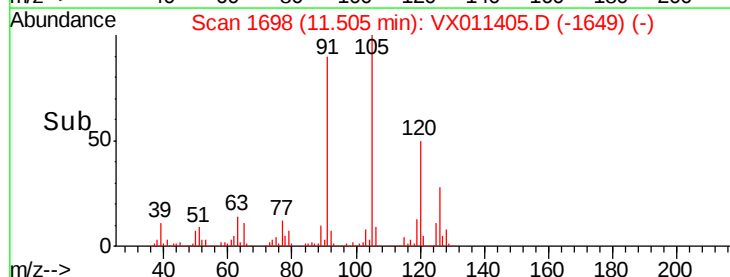
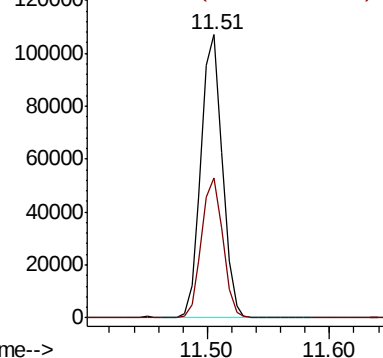
105 100

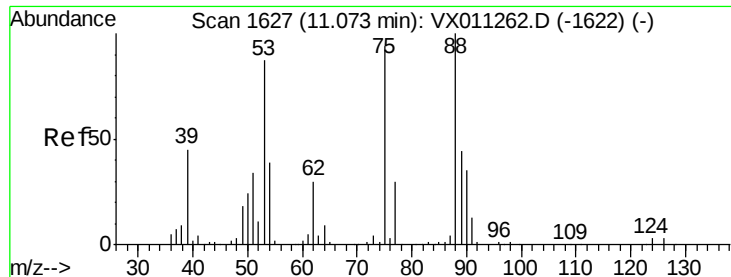
120 49.7 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.199 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS02

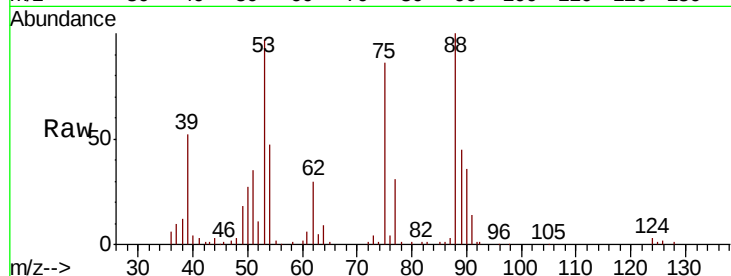
Tgt Ion: 75 Resp: 13125

Ion Ratio Lower Upper

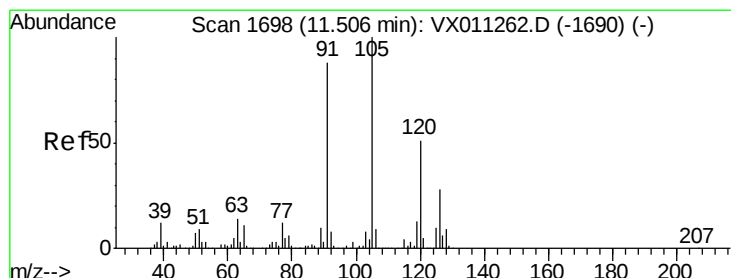
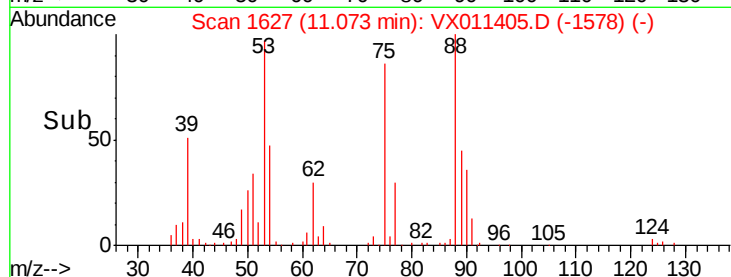
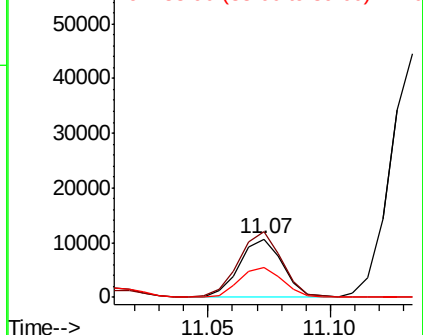
75 100

53 110.9 78.2 117.4

89 52.8 37.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.152 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011405.D

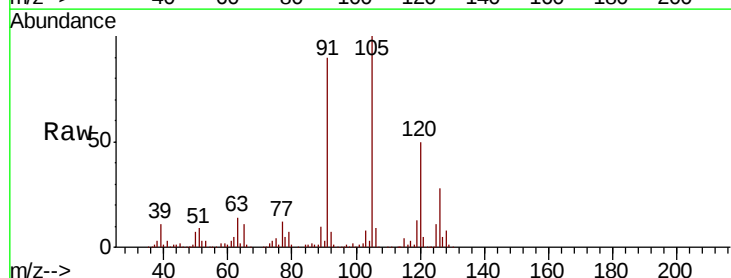
Acq: 09 Aug 2019 13:22

Tgt Ion: 91 Resp: 120706

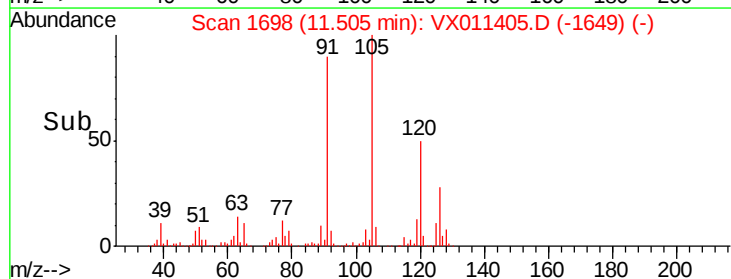
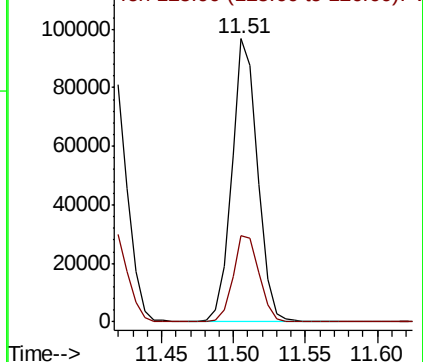
Ion Ratio Lower Upper

91 100

126 31.4 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

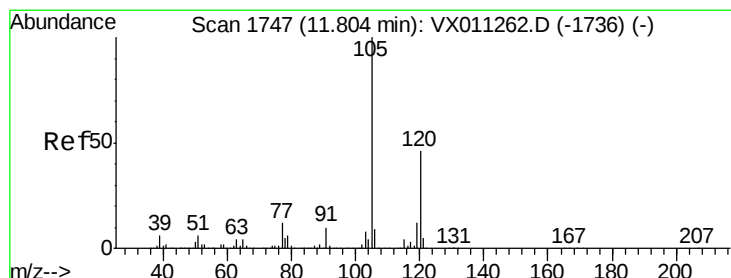
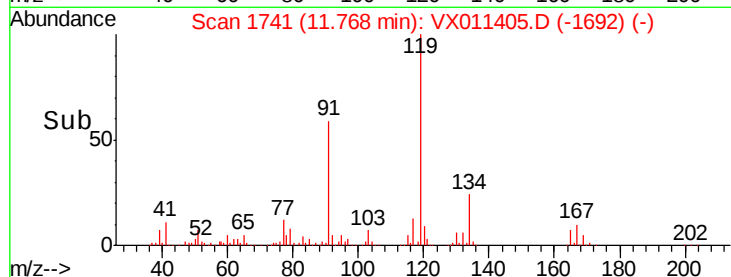
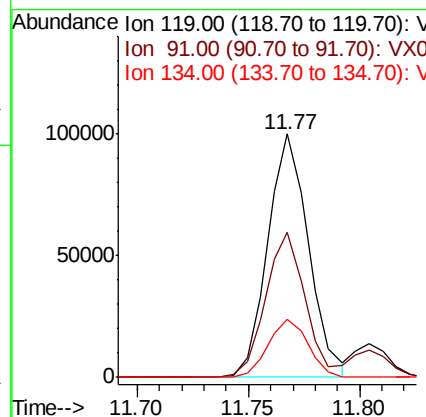
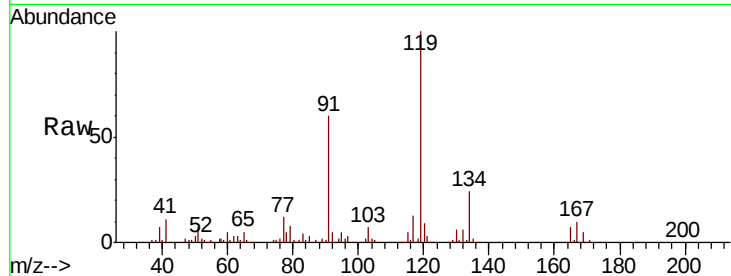




#83
 tert-Butylbenzene
 Concen: 18.968 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011405.D
 Acq: 09 Aug 2019 13:22

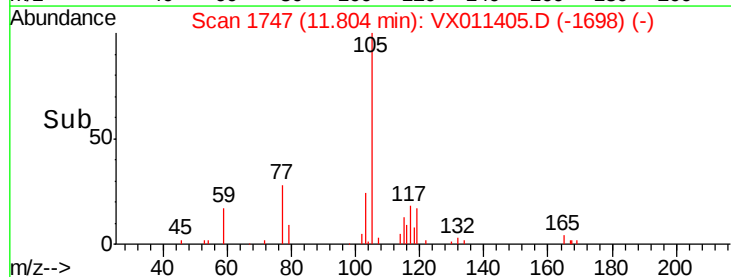
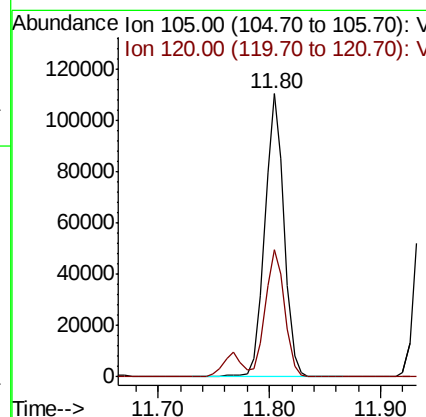
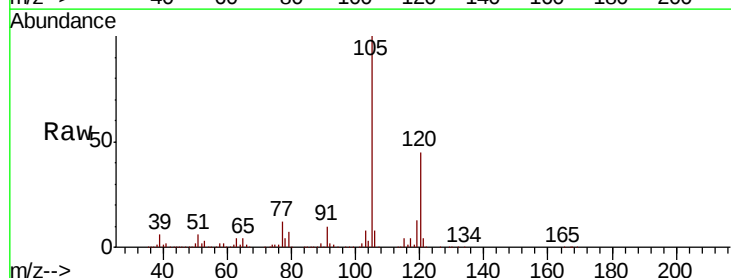
Instrument :
 MSVOA_X
 ClientSampled :
 VX0809WBS02

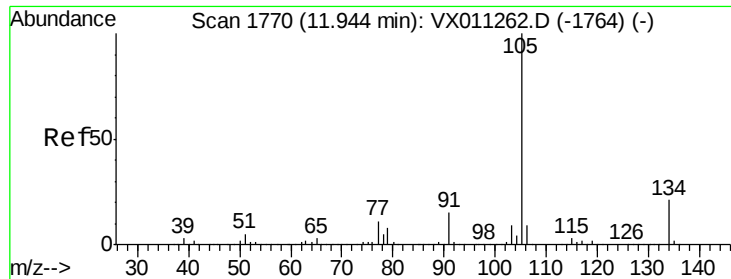
Tgt Ion:119 Resp: 127062
 Ion Ratio Lower Upper
 119 100
 91 58.3 28.0 84.0
 134 23.4 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.556 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011405.D
 Acq: 09 Aug 2019 13:22

Tgt Ion:105 Resp: 132985
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.0 69.0





#85

sec-Butylbenzene

Concen: 18.679 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA_X

ClientSampled :

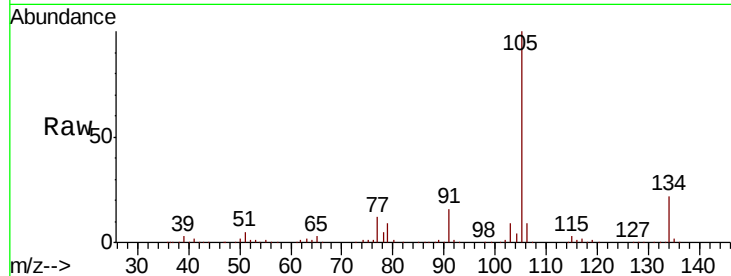
VX0809WBS02

Tgt Ion:105 Resp: 150332

Ion Ratio Lower Upper

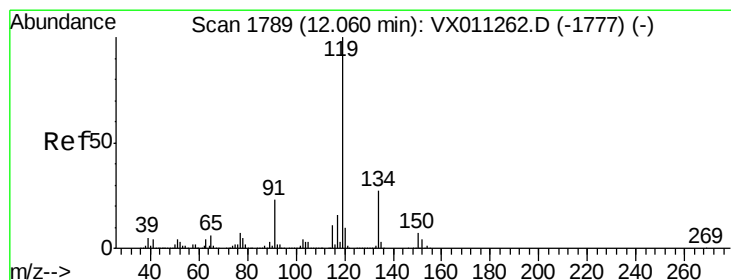
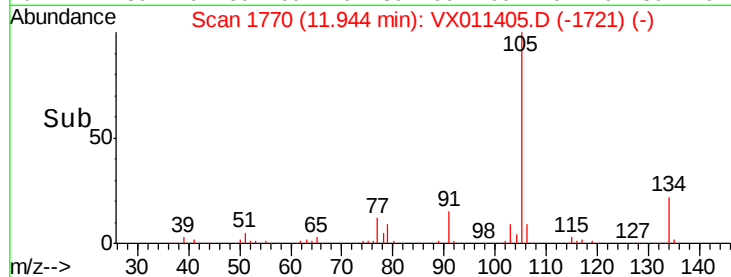
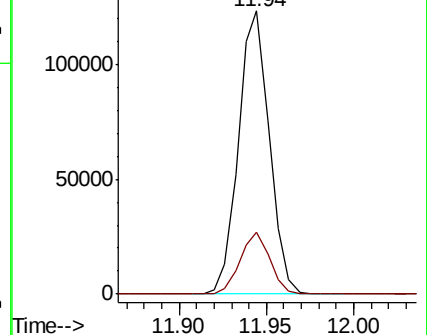
105 100

134 21.2 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.669 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

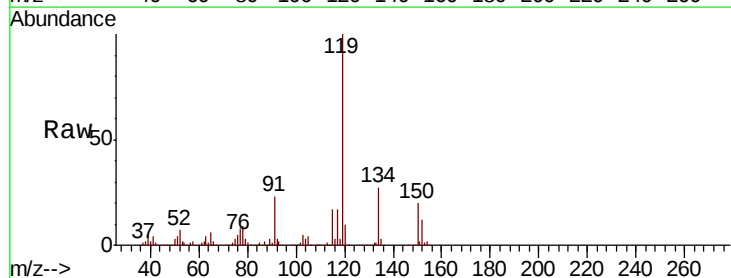
Tgt Ion:119 Resp: 138224

Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.0

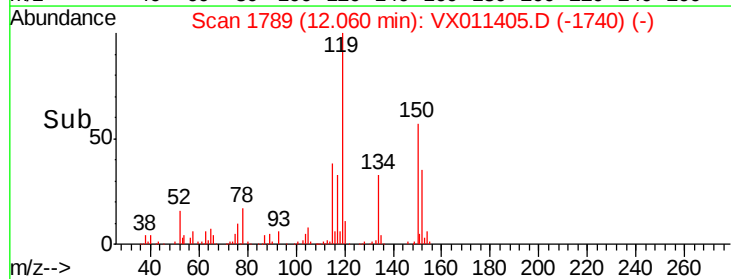
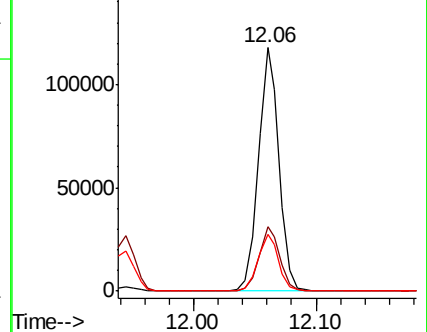
91 23.6 11.4 34.2

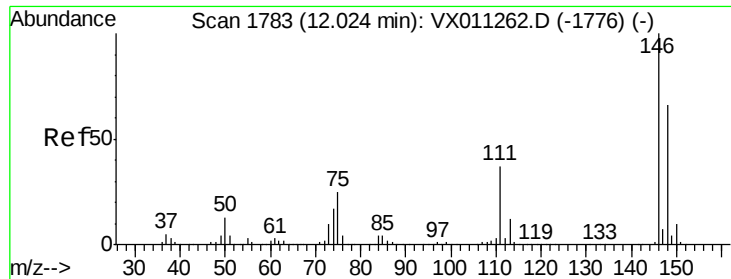


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

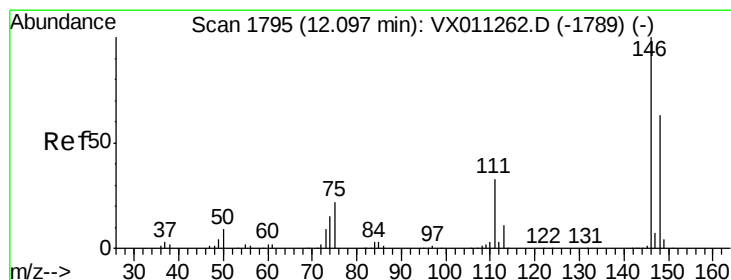
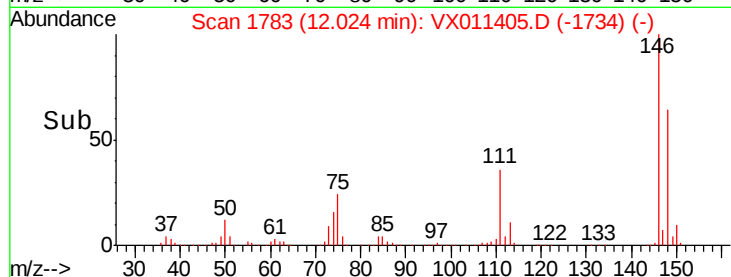
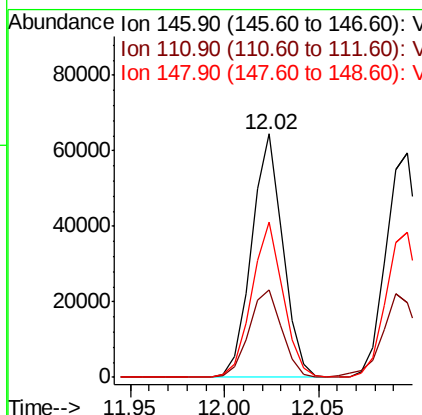
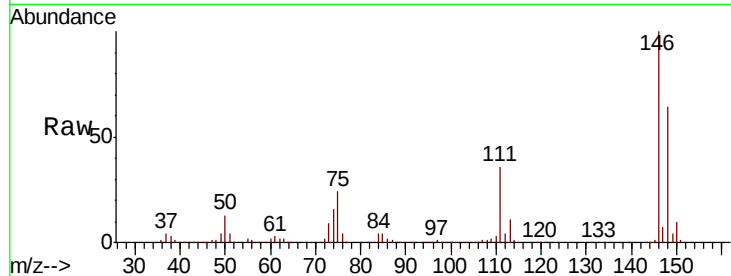




#87
 1,3-Dichlorobenzene
 Concen: 18.591 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011405.D
 Acq: 09 Aug 2019 13:22

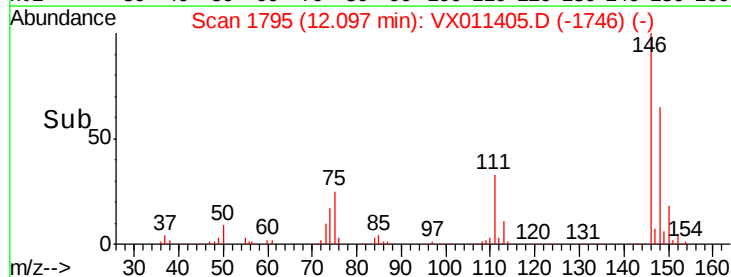
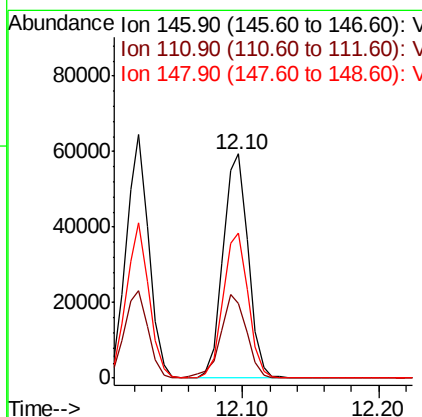
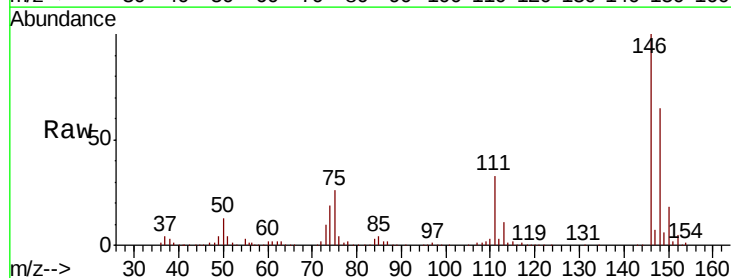
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS02

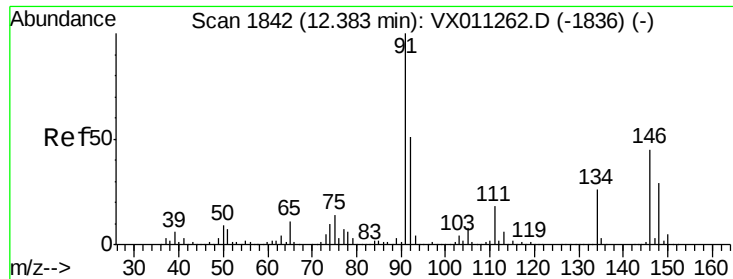
Tgt Ion:146 Resp: 74320
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.6 55.8
 148 63.6 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 18.448 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011405.D
 Acq: 09 Aug 2019 13:22

Tgt Ion:146 Resp: 76047
 Ion Ratio Lower Upper
 146 100
 111 38.3 17.8 53.4
 148 64.6 31.8 95.3

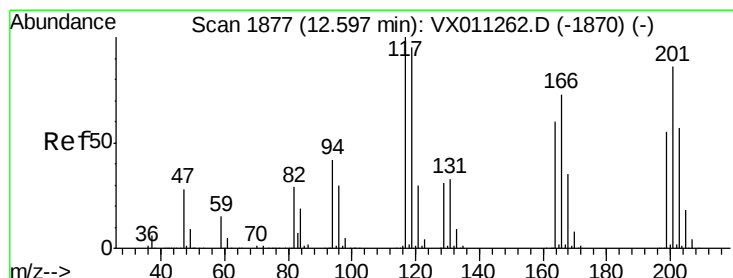
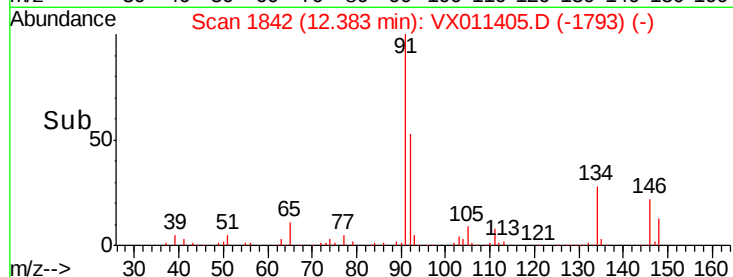
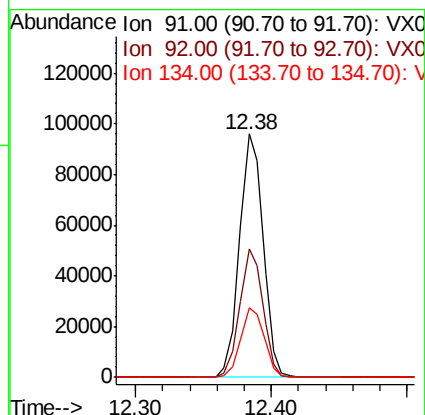
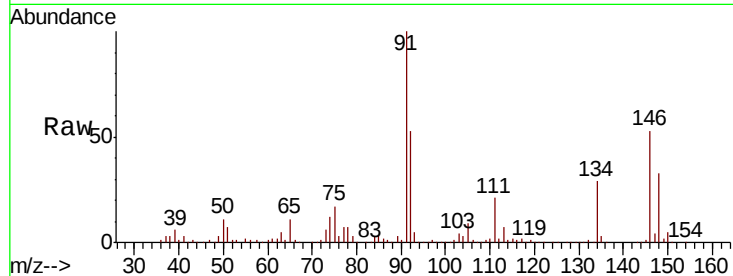




#89
n-Butylbenzene
Concen: 18.242 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

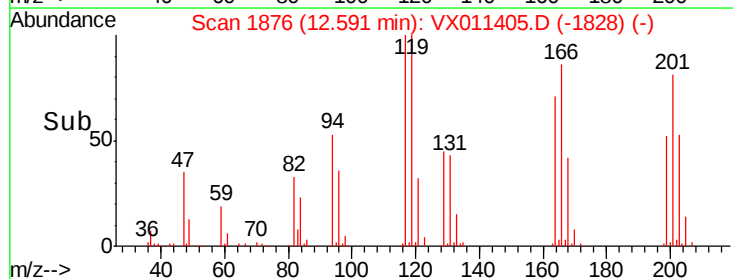
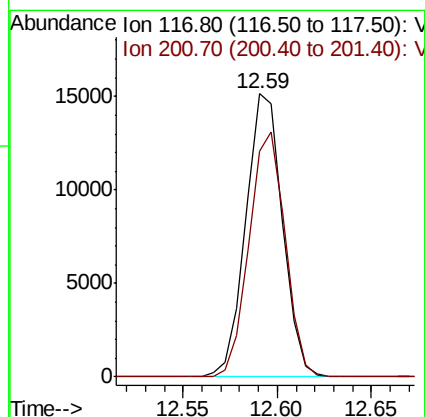
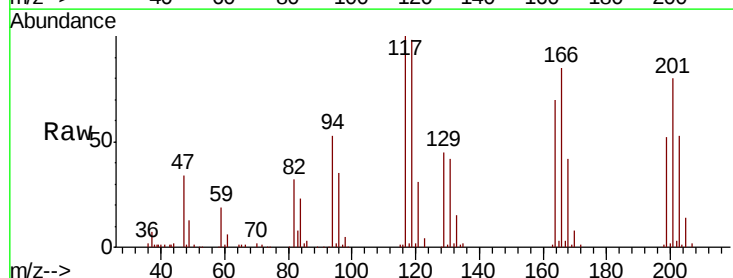
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS02

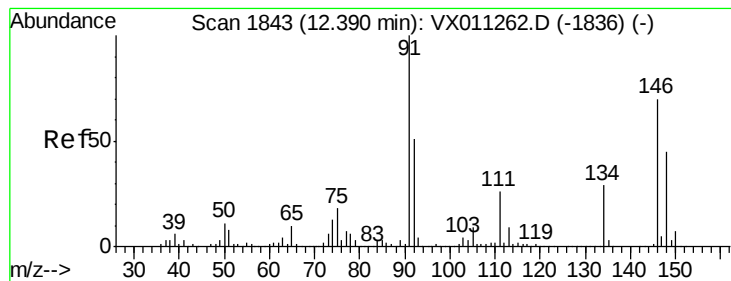
Tgt Ion: 91 Resp: 116366
Ion Ratio Lower Upper
91 100
92 51.7 25.8 77.3
134 28.4 13.7 41.0



#90
Hexachloroethane
Concen: 18.719 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

Tgt Ion: 117 Resp: 20491
Ion Ratio Lower Upper
117 100
201 84.8 41.8 125.4





#91

1,2-Dichlorobenzene

Concen: 18.882 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS02

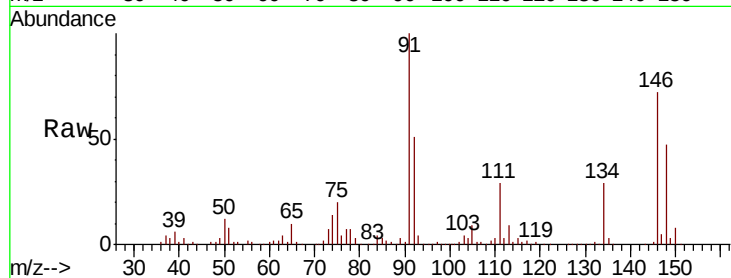
Tgt Ion:146 Resp: 75841

Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.1

148 63.7 32.3 96.8

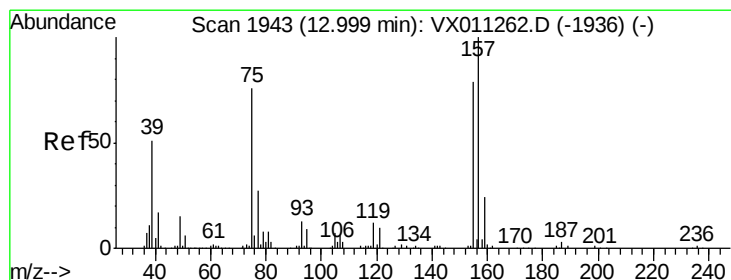
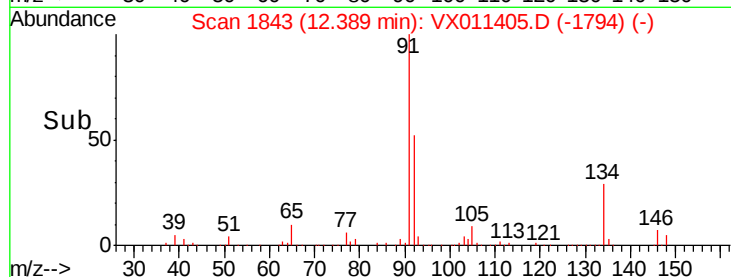
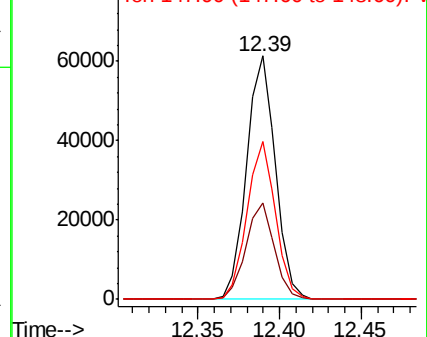


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.790 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX011405.D

Acq: 09 Aug 2019 13:22

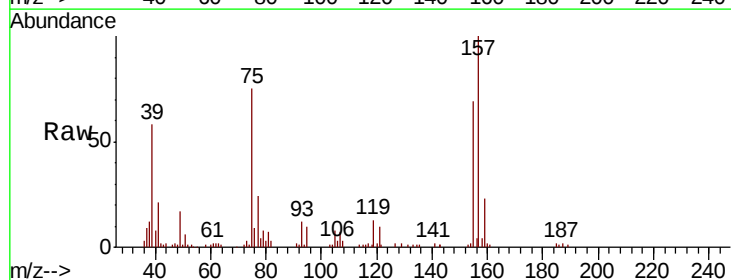
Tgt Ion: 75 Resp: 10952

Ion Ratio Lower Upper

75 100

155 93.6 51.9 155.8

157 125.0 64.3 192.7

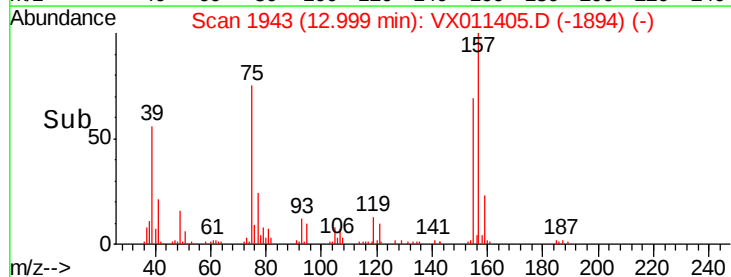
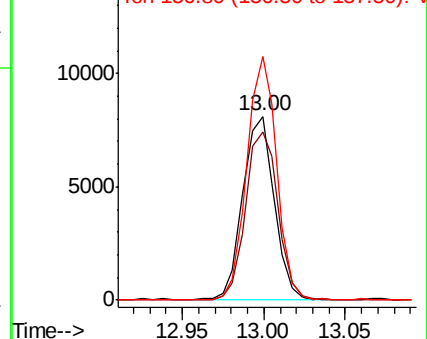


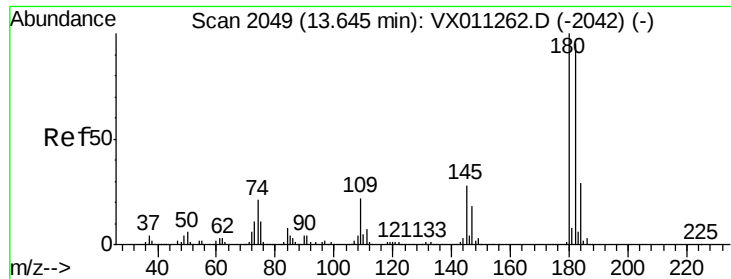
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

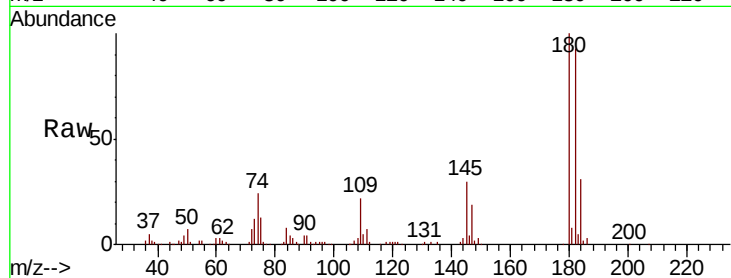




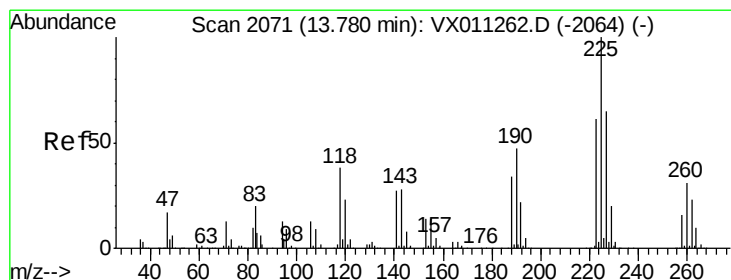
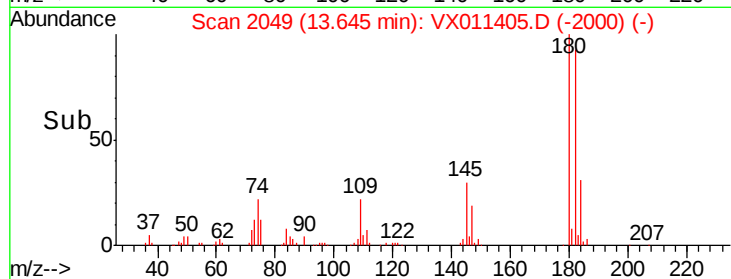
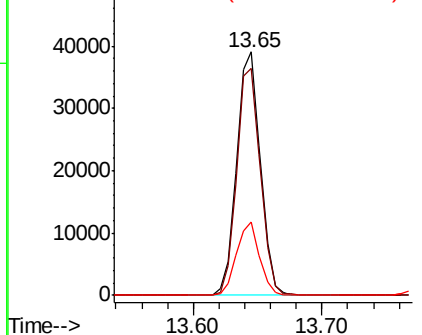
#93
 1,2,4-Trichlorobenzene
 Concen: 18.744 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011405.D
 Acq: 09 Aug 2019 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS02

Tgt Ion:180 Resp: 49931
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.8 143.4
 145 29.4 14.8 44.3

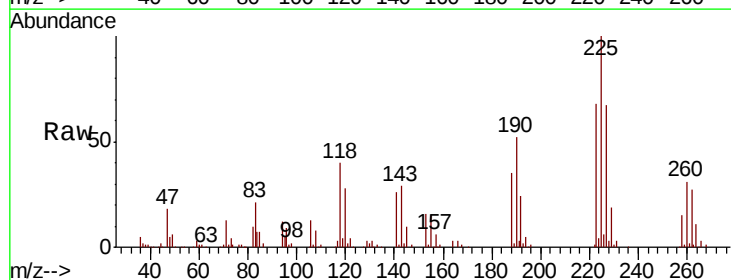


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

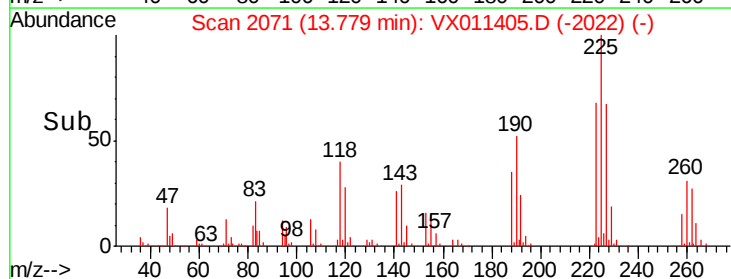
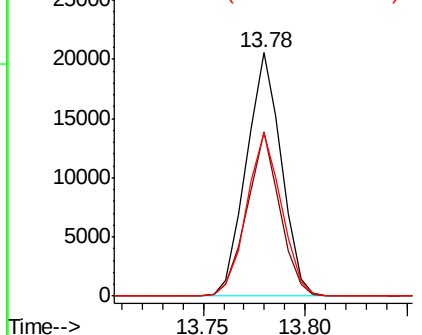


#94
 Hexachlorobutadiene
 Concen: 18.146 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011405.D
 Acq: 09 Aug 2019 13:22

Tgt Ion:225 Resp: 24524
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.0 93.0
 227 66.9 32.2 96.6



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

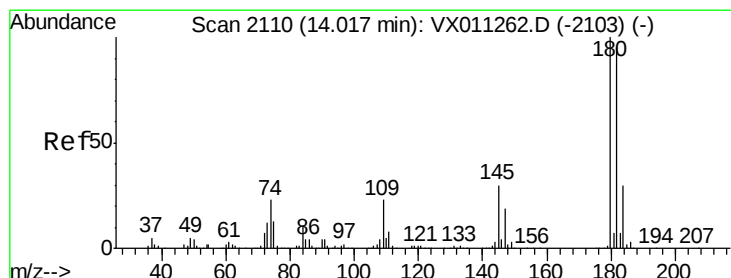
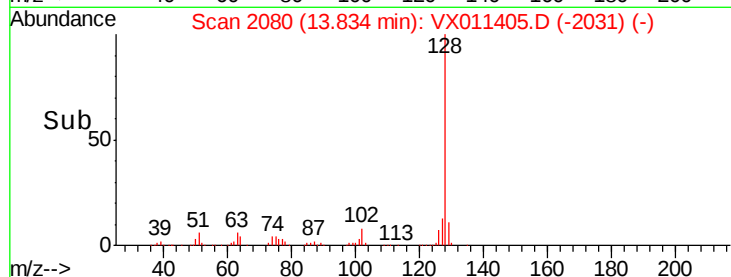
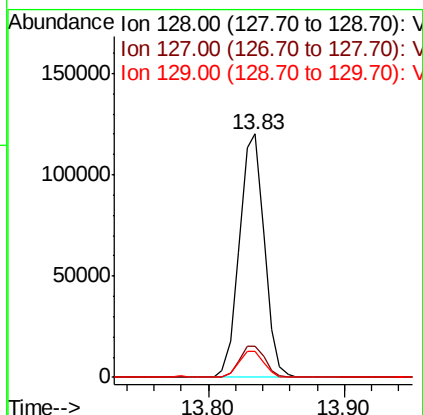
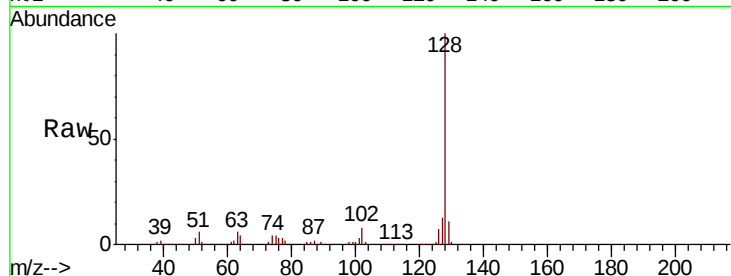




#95
Naphthalene
Concen: 19.687 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.3	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.806 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011405.D
Acq: 09 Aug 2019 13:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.4	142.3
145	30.2	15.2	45.6

