

Data File : VX011295.D
Acq On : 02 Aug 2019 11:26
Operator : JC/SP
Sample : VX0802MBS01
Misc : 5.0g/10mL/100uL/10mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VX0802MBS01

Quant Time: Aug 03 05:39:46 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	151222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	221710	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	203269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	105377	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	70475	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
35) Dibromofluoromethane	5.49	113	67254	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
50) Toluene-d8	8.71	98	252070	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
62) 4-Bromofluorobenzene	11.13	95	87203	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	22983	19.678	ug/l	100
3) Chloromethane	1.32	50	25429	19.388	ug/l	99
4) Vinyl Chloride	1.40	62	28703	19.895	ug/l	97
5) Bromomethane	1.63	94	22877	22.234	ug/l	93
6) Chloroethane	1.71	64	19502	20.277	ug/l	100
7) Trichlorofluoromethane	1.92	101	51997	20.270	ug/l	94
8) Diethyl Ether	2.18	74	18066	19.723	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28000	20.173	ug/l	99
10) Methyl Iodide	2.50	142	31942	18.254	ug/l	97
11) Tert butyl alcohol	3.03	59	33312	109.709	ug/l	99
12) 1,1-Dichloroethene	2.37	96	27266	19.817	ug/l	96
13) Acrolein	2.28	56	19396	102.527	ug/l	99
14) Allyl chloride	2.72	41	37243	20.304	ug/l	99
15) Acrylonitrile	3.14	53	76060	104.958	ug/l	100
16) Acetone	2.43	43	69180	95.439	ug/l	95
17) Carbon Disulfide	2.56	76	64225	19.892	ug/l	98
18) Methyl Acetate	2.76	43	33289	20.096	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	80744	19.914	ug/l	99
20) Methylene Chloride	2.85	84	30780	19.389	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	28732	19.741	ug/l	96
22) Diisopropyl ether	3.85	45	80919	20.073	ug/l	97
23) Vinyl Acetate	3.81	43	348847	104.332	ug/l	100
24) 1,1-Dichloroethane	3.69	63	47647	20.044	ug/l	100
25) 2-Butanone	4.67	43	102905	99.799	ug/l	97
26) 2,2-Dichloropropane	4.57	77	36099	19.536	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	33386	19.915	ug/l	97
28) Bromochloromethane	5.01	49	19564	18.053	ug/l	99
29) Tetrahydrofuran	5.12	42	64507	102.031	ug/l	98
30) Chloroform	5.20	83	51460	19.918	ug/l	96
31) Cyclohexane	5.57	56	38574	19.669	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	43697	19.744	ug/l	98
36) 1,1-Dichloropropene	5.79	75	35829	18.509	ug/l	97
37) Ethyl Acetate	4.82	43	37766	19.450	ug/l	98
38) Carbon Tetrachloride	5.78	117	38023	19.524	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	42840	18.671	ug/l	98
40) Benzene	6.13	78	114088	19.751	ug/l	99
41) Methacrylonitrile	5.03	41	20529	19.359	ug/l	97
42) 1,2-Dichloroethane	6.19	62	38900	19.915	ug/l	99
43) Isopropyl Acetate	6.44	43	60005	19.330	ug/l	99
44) Trichloroethene	7.21	130	33417	19.113	ug/l	97
45) 1,2-Dichloropropane	7.51	63	28877	19.303	ug/l	100
46) Dibromomethane	7.66	93	21594	19.773	ug/l	96
47) Bromodichloromethane	7.89	83	35725	19.321	ug/l	99
48) Methyl methacrylate	7.77	41	28459	19.480	ug/l	99
49) 1,4-Dioxane	7.74	88	16568	391.182	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	205793	102.722	ug/l	99
52) Toluene	8.78	92	75562	19.785	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	36577	18.860	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	42713	19.776	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	30603	19.489	ug/l	98
56) Ethyl methacrylate	9.18	69	43808	19.577	ug/l	98
57) 1,3-Dichloropropane	9.37	76	48562	19.555	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	99730	90.641	ug/l	99
59) 2-Hexanone	9.49	43	155406	100.148	ug/l	100
60) Dibromochloromethane	9.58	129	30751	19.128	ug/l	98
61) 1,2-Dibromoethane	9.67	107	33524	19.760	ug/l	98
64) Tetrachloroethene	9.34	164	33891	19.633	ug/l	95
65) Chlorobenzene	10.13	112	85670	19.656	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	29991	20.100	ug/l	99
67) Ethyl Benzene	10.25	91	141230	19.349	ug/l	100
68) m/p-Xylenes	10.35	106	111841	39.614	ug/l	100
69) o-Xylene	10.69	106	54691	19.716	ug/l	99
70) Styrene	10.71	104	91292	19.889	ug/l	100
71) Bromoform	10.85	173	22477	18.728	ug/l #	96
73) Isopropylbenzene	11.02	105	144623	20.067	ug/l	99
74) N-amyl acetate	10.90	43	53660	20.606	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	48151	20.048	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	49980	26.044	ug/l	84
77) Bromobenzene	11.25	156	39528	19.779	ug/l	98
78) n-propylbenzene	11.36	91	161014	20.090	ug/l	100
79) 2-Chlorotoluene	11.42	91	94655	19.815	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	120435	19.963	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	11787	19.444	ug/l	95
82) 4-Chlorotoluene	11.51	91	108441	19.478	ug/l	100
83) tert-Butylbenzene	11.77	119	118278	19.989	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	122067	20.322	ug/l	99
85) sec-Butylbenzene	11.94	105	142782	20.084	ug/l	99
86) p-Isopropyltoluene	12.06	119	131323	20.079	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	70671	20.014	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	70641	19.401	ug/l	97
89) n-Butylbenzene	12.38	91	108726	19.296	ug/l	100
90) Hexachloroethane	12.59	117	18260	18.885	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	70024	19.736	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9561	20.547	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080219\
Quantitation Report (Not Reviewed)

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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)
93) 1,2,4-Trichlorobenzene	13.65	180	46104	19.594	ug/l	100
94) Hexachlorobutadiene	13.78	225	23007	19.272	ug/l	100
95) Naphthalene	13.83	128	141395	20.549	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	47953	20.046	ug/l	100

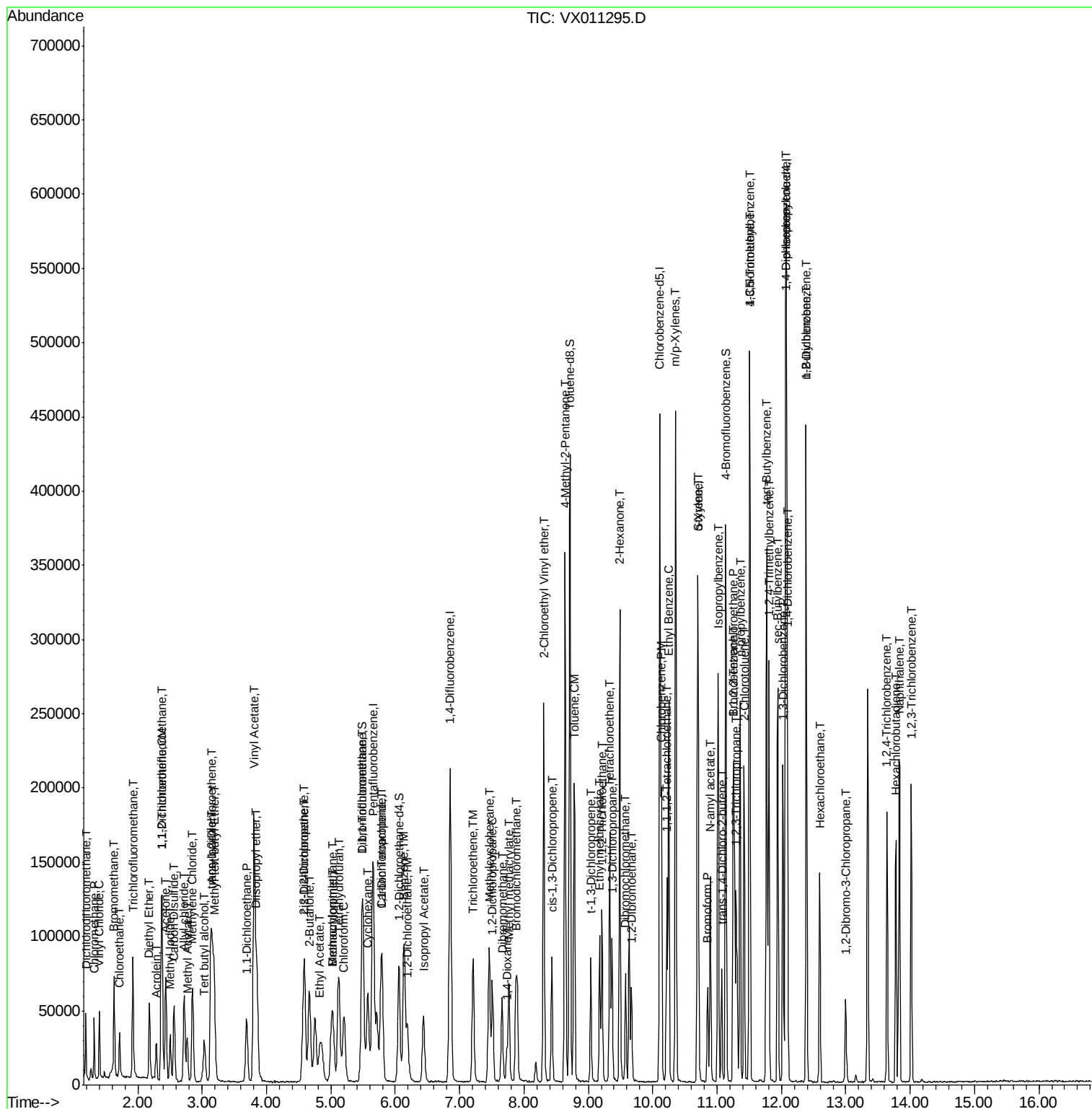
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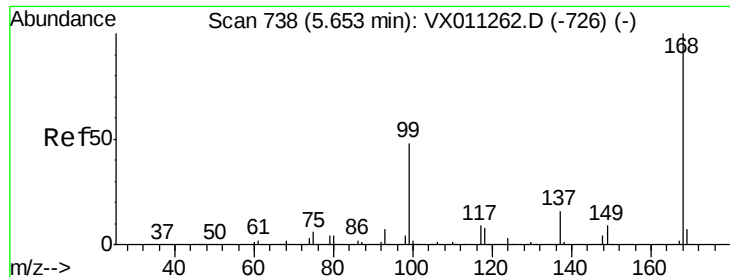
Data File : VX011295.D

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ClientSampled :
VX0802MBS01

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

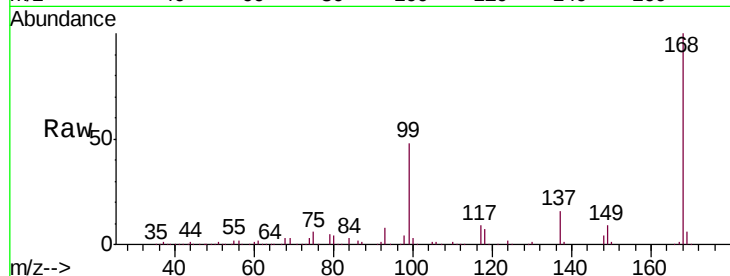
VX0802MBS01

Tgt Ion:168 Resp: 151222

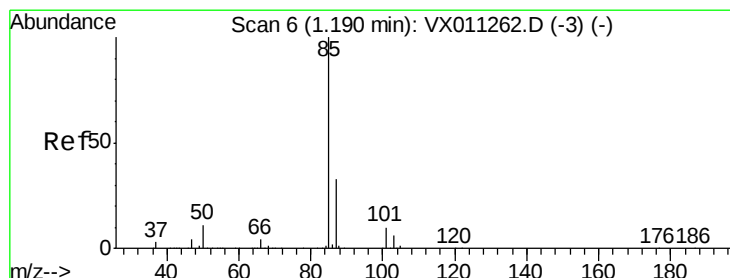
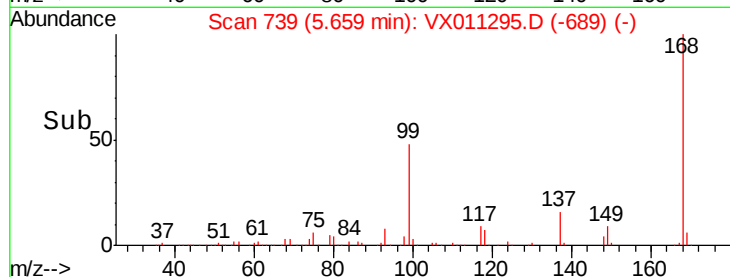
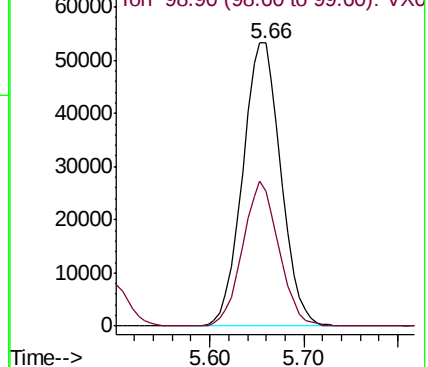
Ion Ratio Lower Upper

168 100

99 47.7 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.678 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011295.D

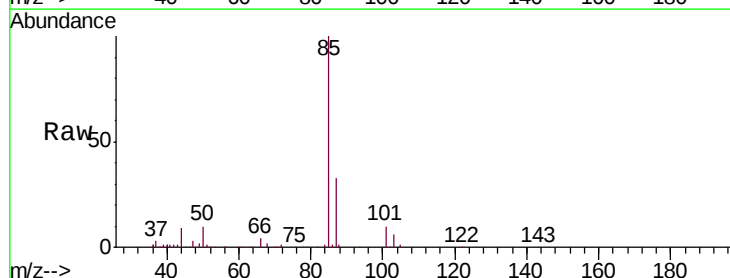
Acq: 02 Aug 2019 11:26

Tgt Ion: 85 Resp: 22983

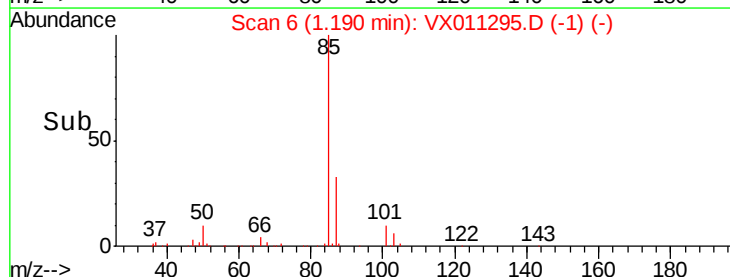
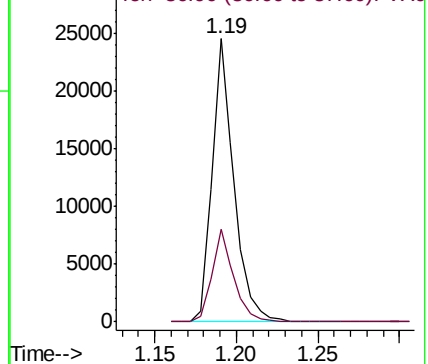
Ion Ratio Lower Upper

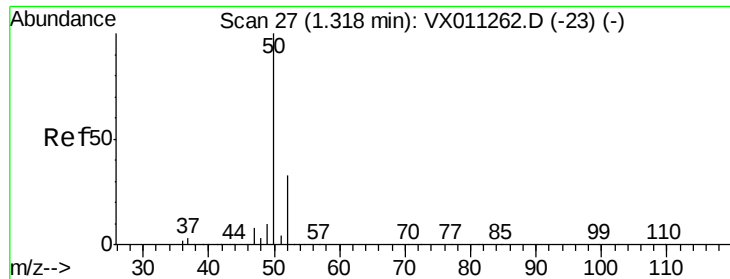
85 100

87 32.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0





#3

Chloromethane

Concen: 19.388 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

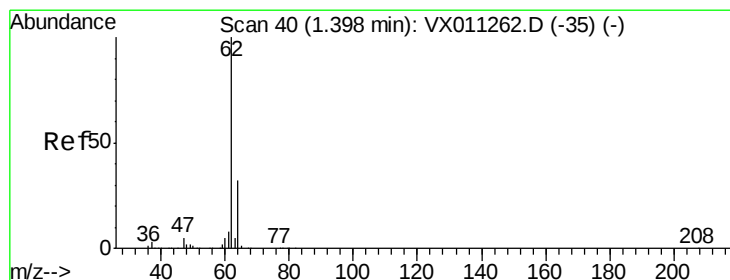
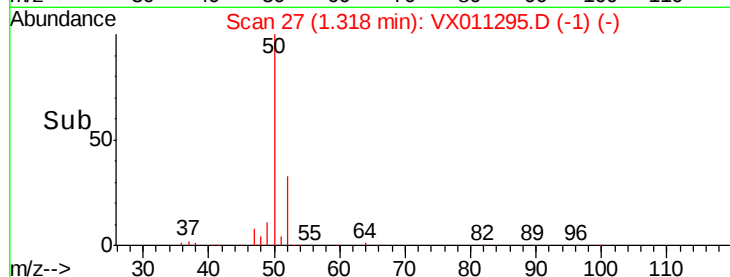
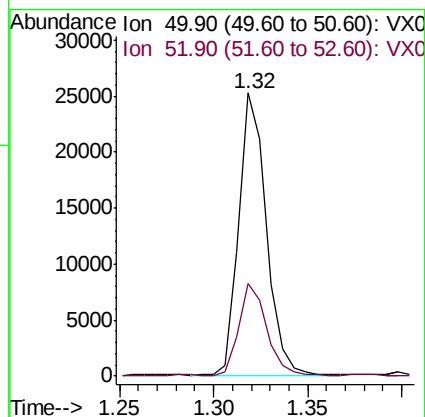
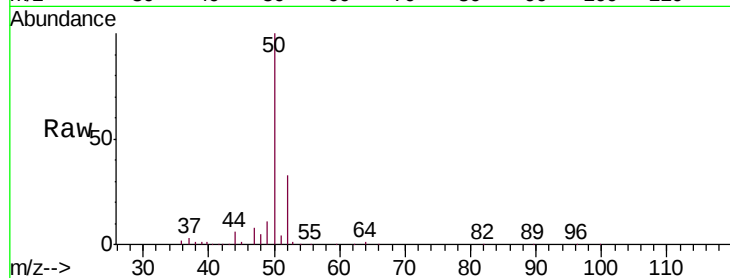
VX0802MBS01

Tgt Ion: 50 Resp: 25429

Ion Ratio Lower Upper

50 100

52 32.7 26.4 39.6



#4

Vinyl Chloride

Concen: 19.895 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011295.D

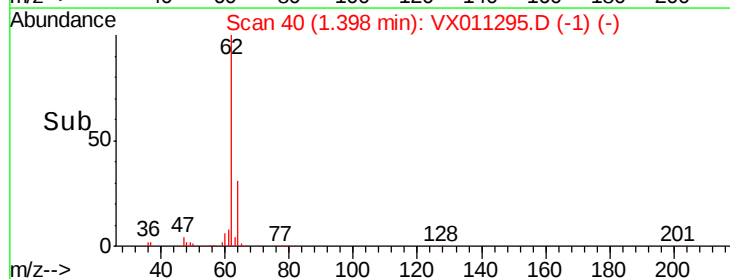
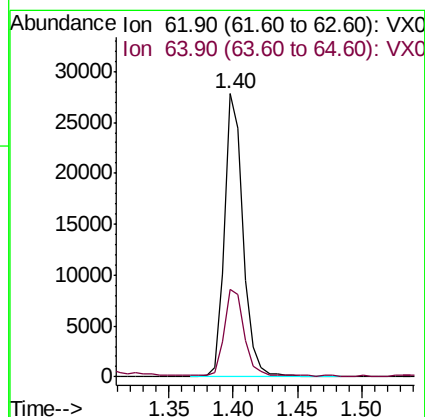
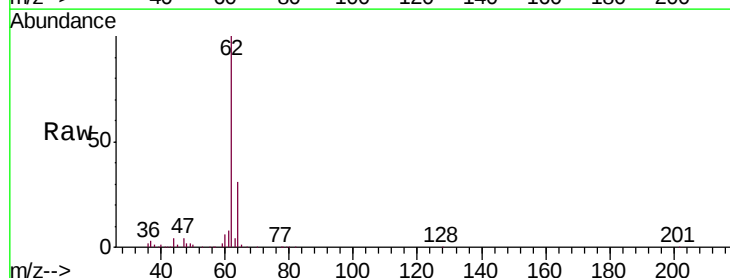
Acq: 02 Aug 2019 11:26

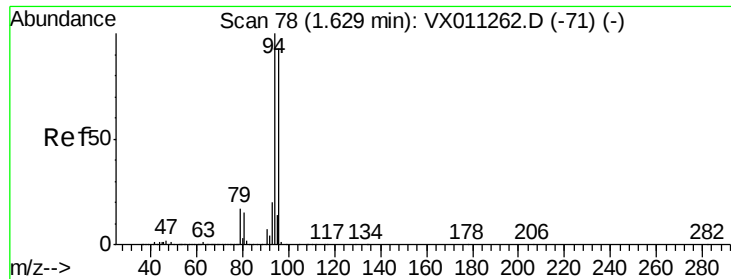
Tgt Ion: 62 Resp: 28703

Ion Ratio Lower Upper

62 100

64 30.7 26.0 39.0





#5

Bromomethane

Concen: 22.234 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

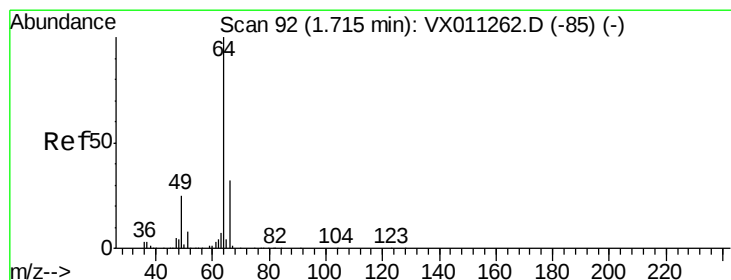
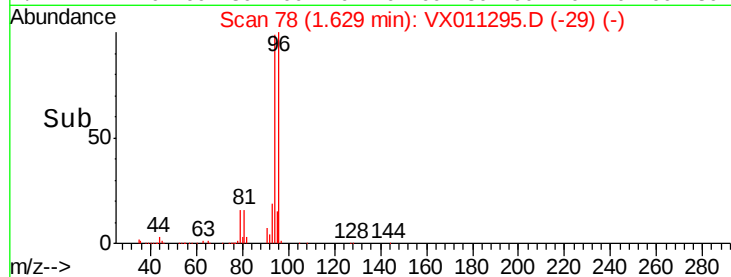
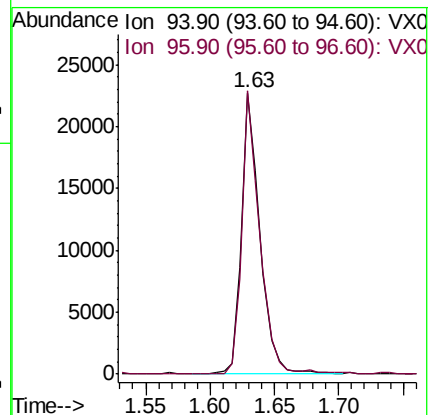
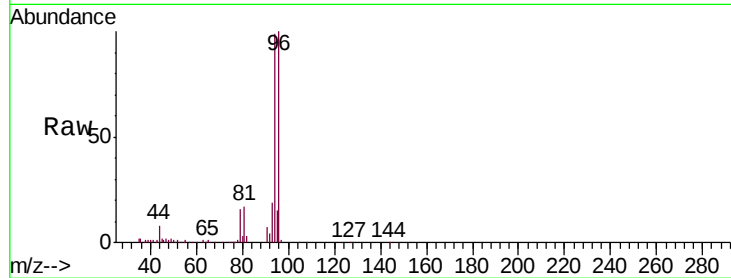
VX0802MBS01

Tgt Ion: 94 Resp: 22877

Ion Ratio Lower Upper

94 100

96 100.4 74.6 112.0



#6

Chloroethane

Concen: 20.277 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011295.D

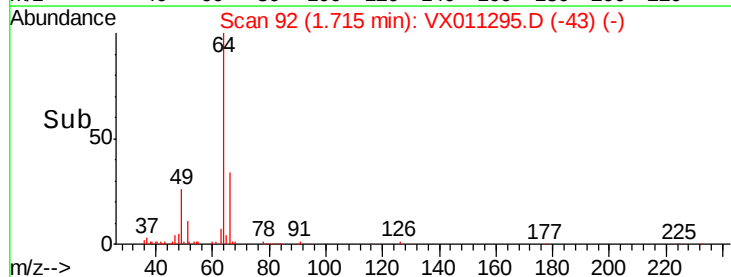
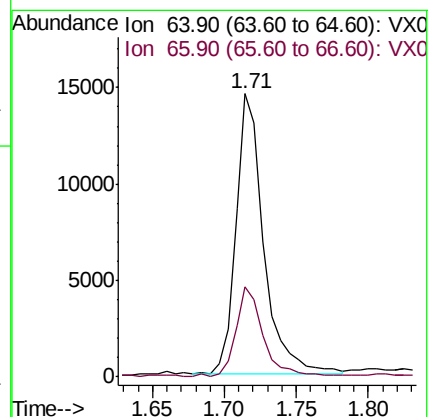
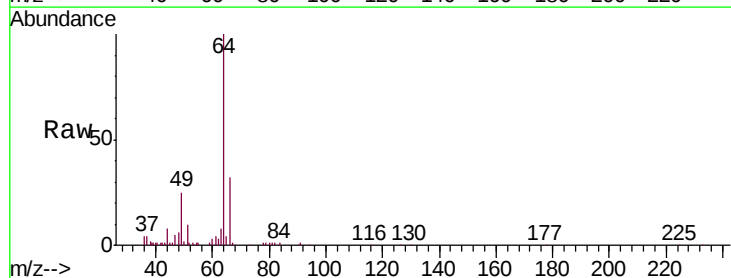
Acq: 02 Aug 2019 11:26

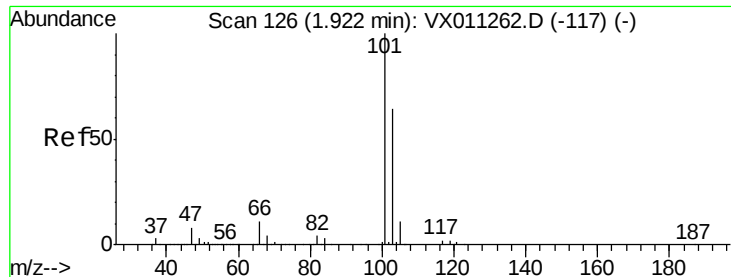
Tgt Ion: 64 Resp: 19502

Ion Ratio Lower Upper

64 100

66 31.7 25.1 37.7



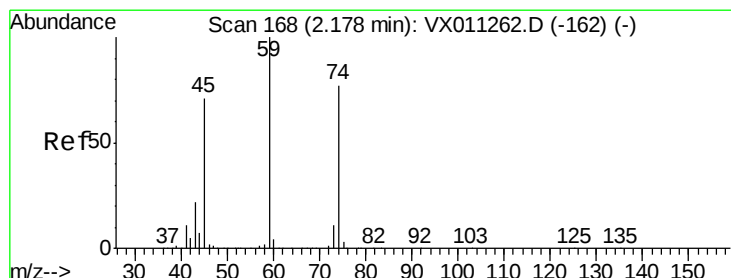
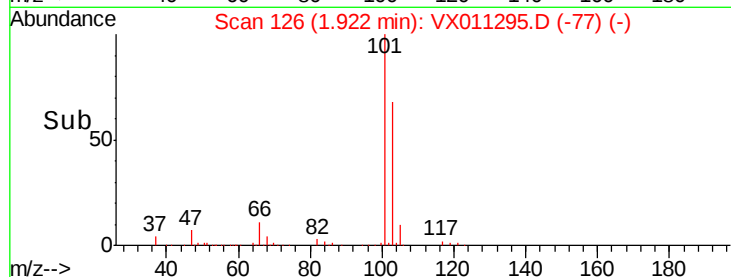
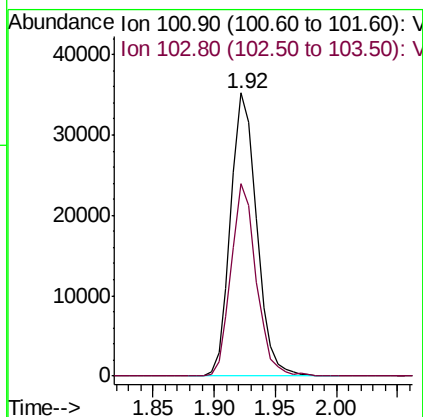
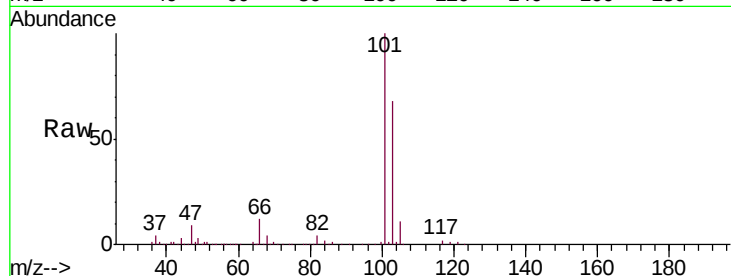


#7

Trichlorofluoromethane
Concen: 20.270 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011295.D
Acq: 02 Aug 2019 11:26

Instrument :
MSVOA_N
ClientSampleId :
VX0802MBS01

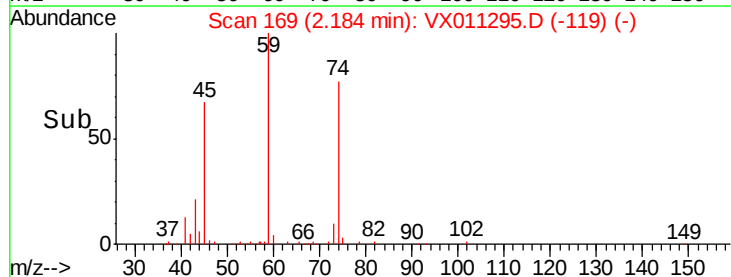
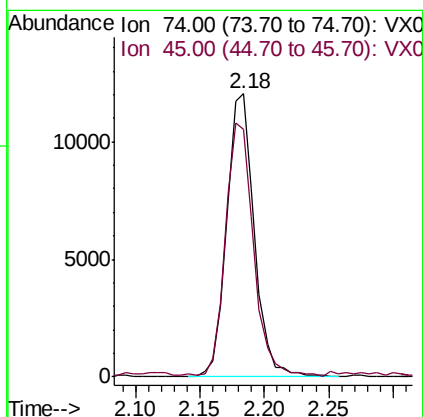
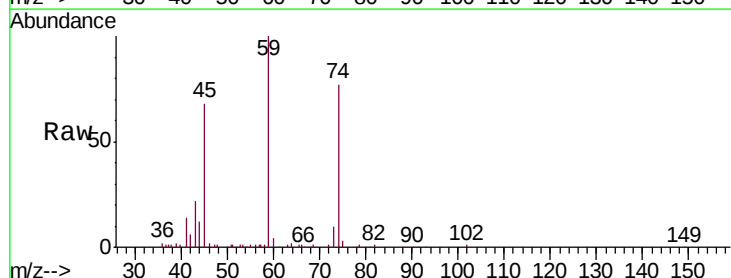
Tgt Ion: 101 Resp: 51997
Ion Ratio Lower Upper
101 100
103 68.1 50.9 76.3



#8

Diethyl Ether
Concen: 19.723 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX011295.D
Acq: 02 Aug 2019 11:26

Tgt Ion: 74 Resp: 18066
Ion Ratio Lower Upper
74 100
45 92.8 46.1 138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.173 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

VX0802MBS01

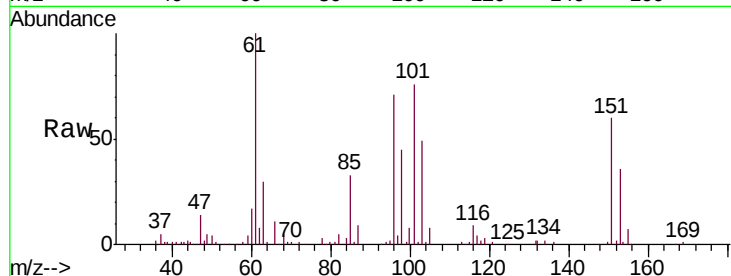
Tgt Ion:101 Resp: 28000

Ion Ratio Lower Upper

101 100

85 42.4 33.8 50.6

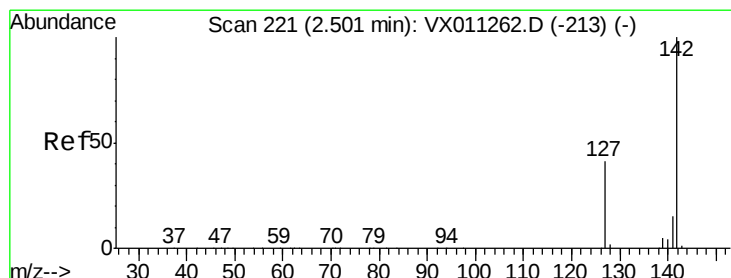
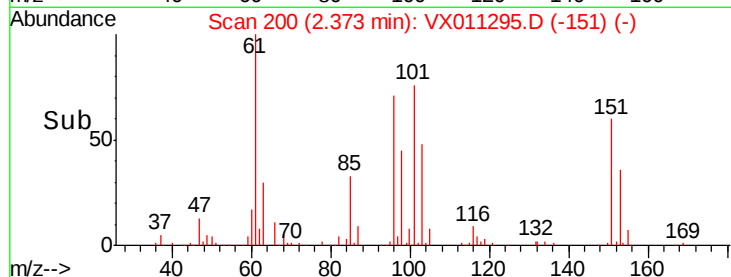
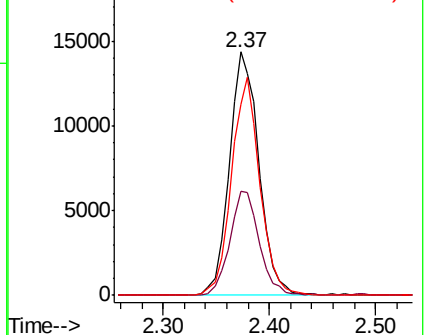
151 85.7 69.5 104.3



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: 18.254 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

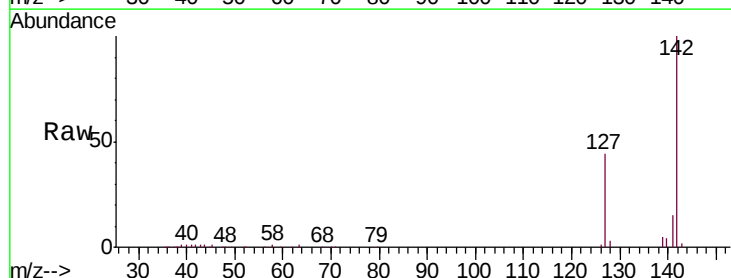
Tgt Ion:142 Resp: 31942

Ion Ratio Lower Upper

142 100

127 44.0 33.8 50.8

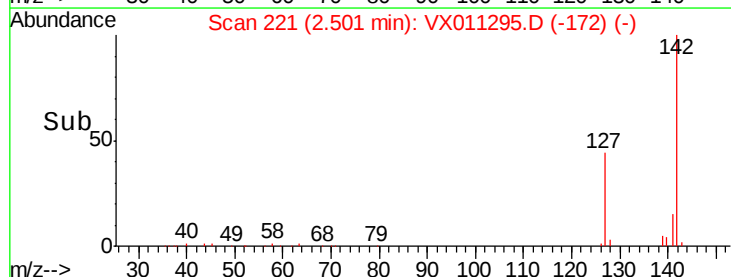
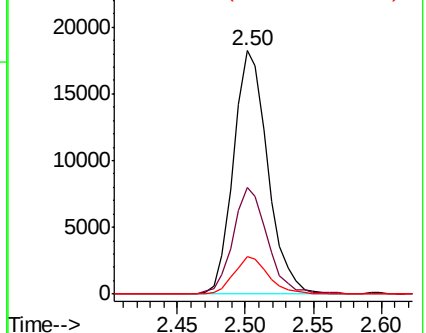
141 15.3 11.4 17.2

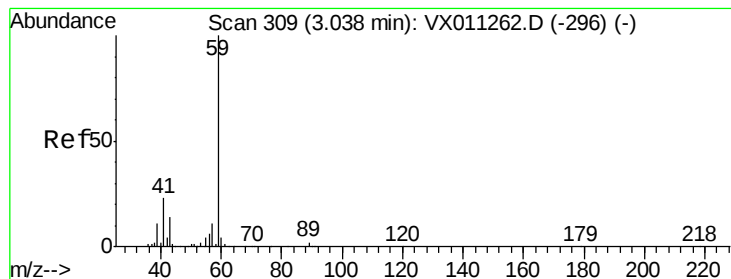


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



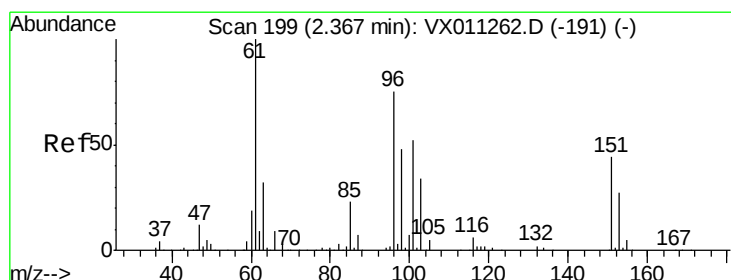
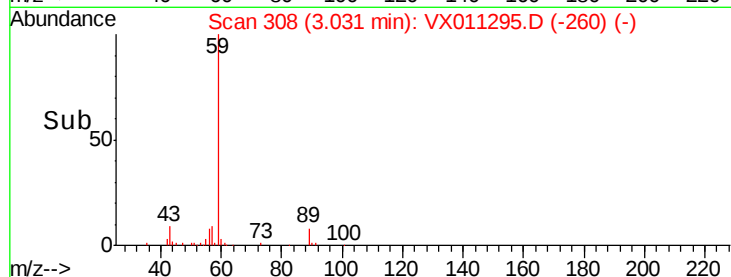
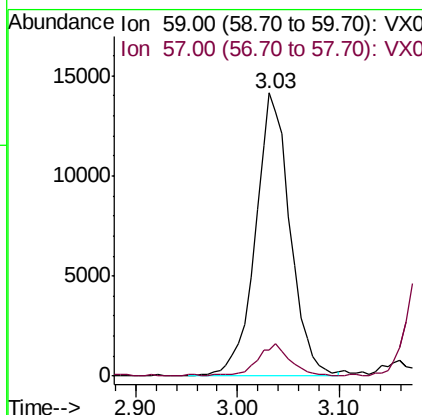
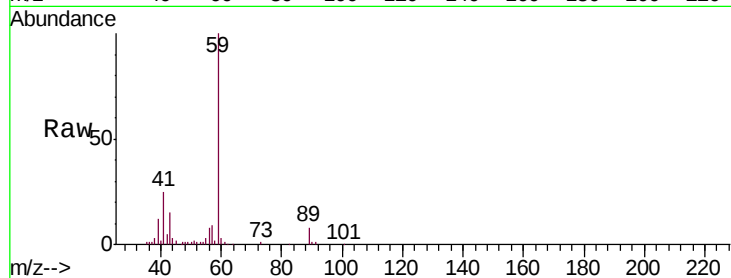


#11

Tert butyl alcohol
Concen: 109.709 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011295.D
Acq: 02 Aug 2019 11:26

Instrument :
MSVOA_N
ClientSampleId :
VX0802MBS01

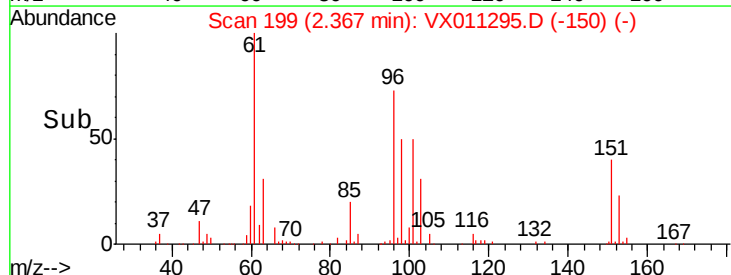
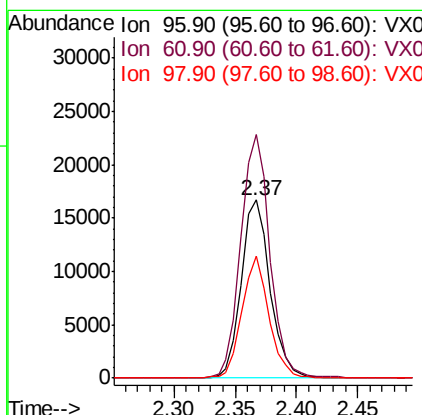
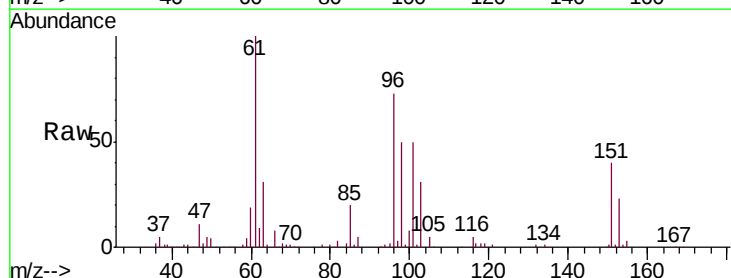
Tgt Ion: 59 Resp: 33312
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5

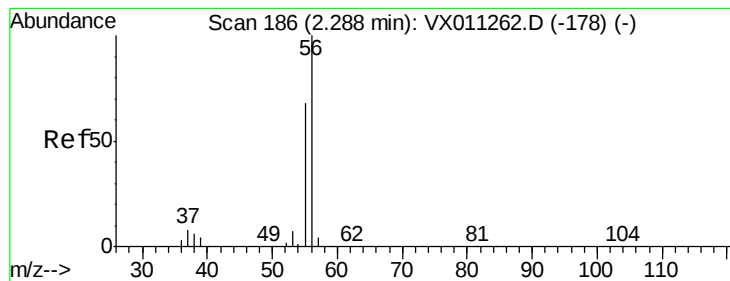


#12

1,1-Dichloroethene
Concen: 19.817 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011295.D
Acq: 02 Aug 2019 11:26

Tgt Ion: 96 Resp: 27266
Ion Ratio Lower Upper
96 100
61 136.3 106.2 159.2
98 68.2 50.6 75.8





#13

Acrolein

Concen: 102.527 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

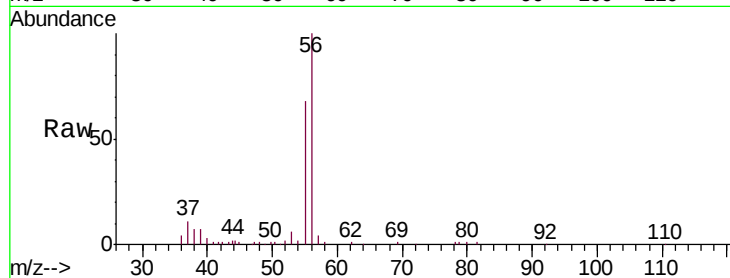
VX0802MBS01

Tgt Ion: 56 Resp: 19396

Ion Ratio Lower Upper

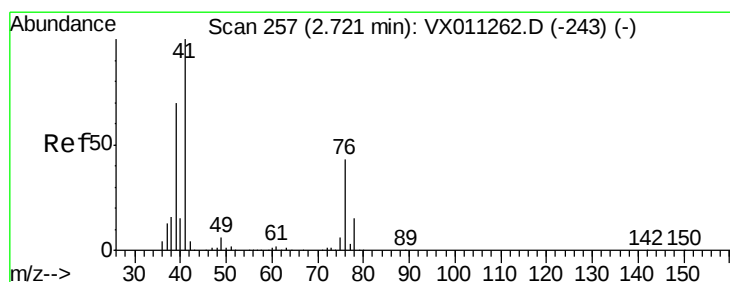
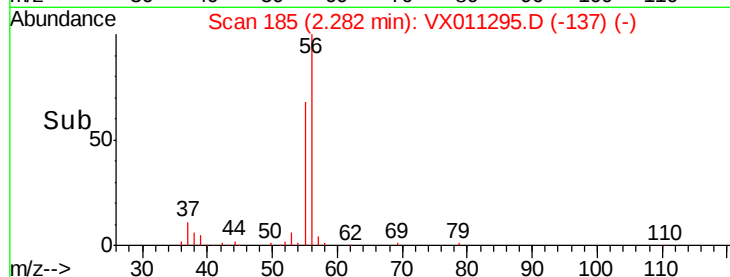
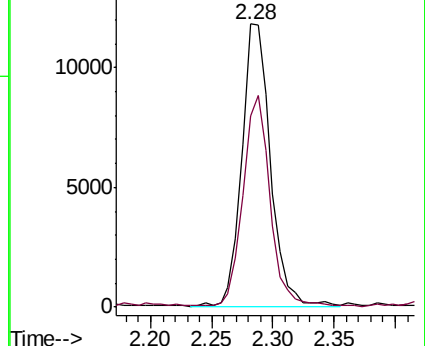
56 100

55 71.0 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.304 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

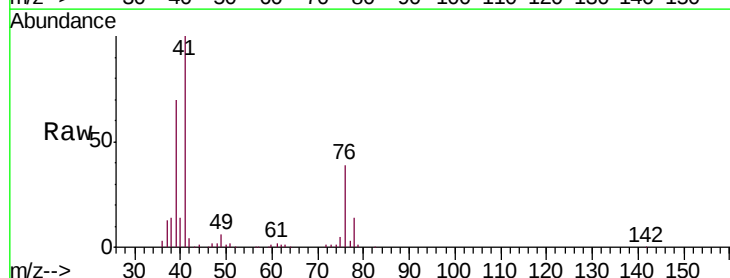
Tgt Ion: 41 Resp: 37243

Ion Ratio Lower Upper

41 100

39 66.6 52.8 79.2

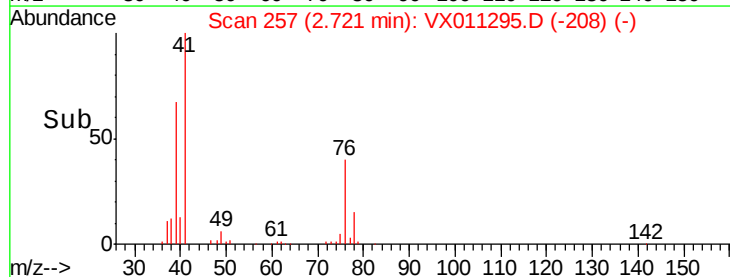
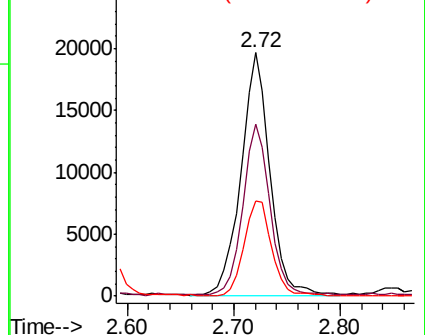
76 37.8 31.1 46.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

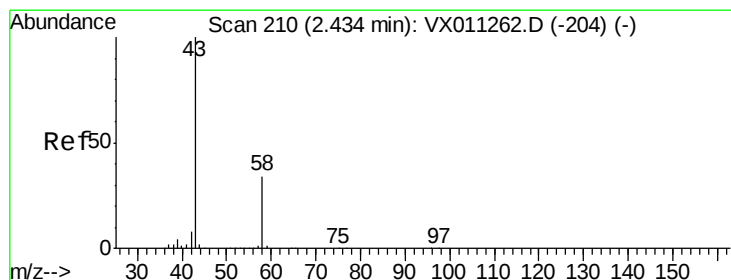
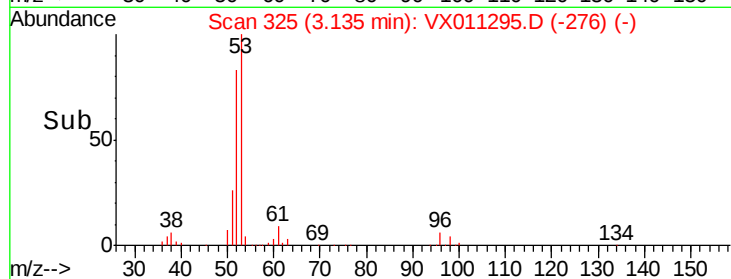
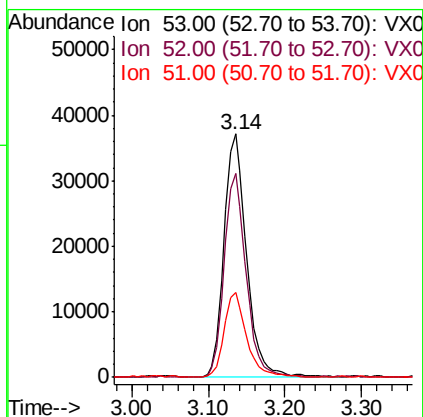
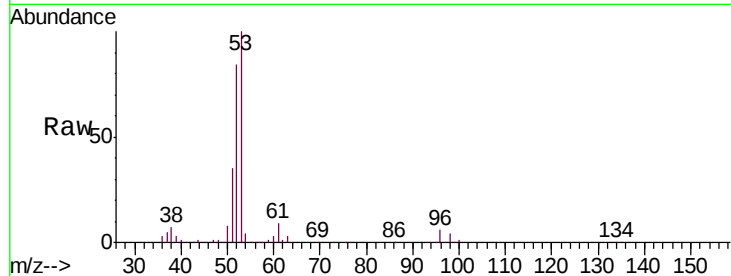




#15
 Acrylonitrile
 Concen: 104.958 ug/l
 RT: 3.14 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VX011295.D
 Acq: 02 Aug 2019 11:26

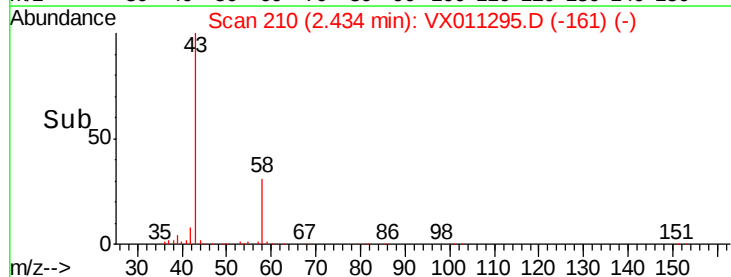
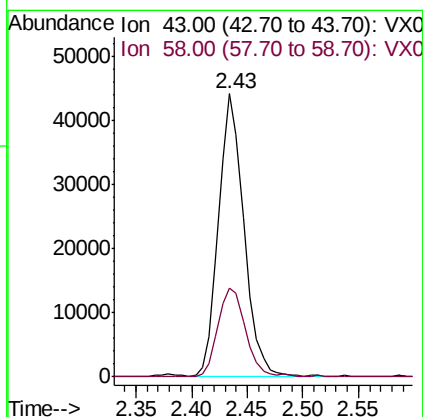
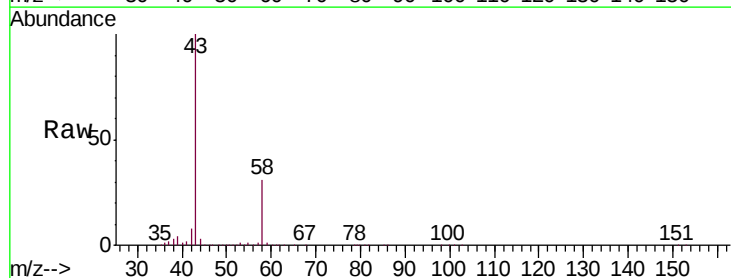
Instrument :
 MSVOA_N
 ClientSampleId :
 VX0802MBS01

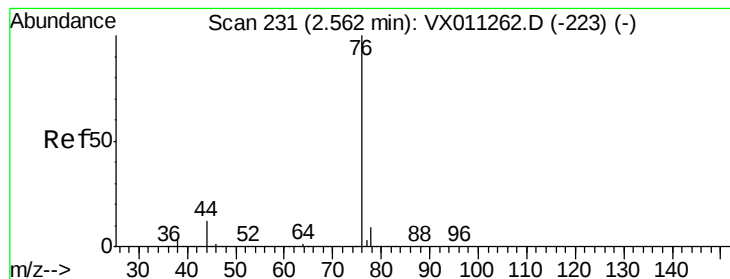
Tgt Ion: 53 Resp: 76060
 Ion Ratio Lower Upper
 53 100
 52 81.5 65.5 98.3
 51 35.0 27.9 41.9



#16
 Acetone
 Concen: 95.439 ug/l
 RT: 2.43 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX011295.D
 Acq: 02 Aug 2019 11:26

Tgt Ion: 43 Resp: 69180
 Ion Ratio Lower Upper
 43 100
 58 31.3 27.4 41.0





#17

Carbon Disulfide

Concen: 19.892 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

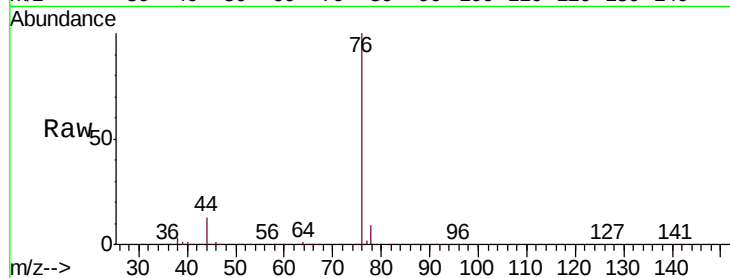
VX0802MBS01

Tgt Ion: 76 Resp: 64225

Ion Ratio Lower Upper

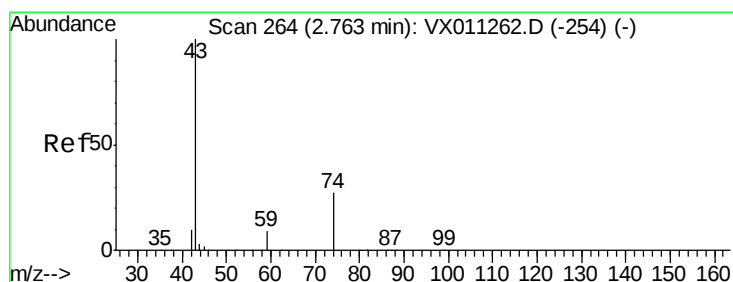
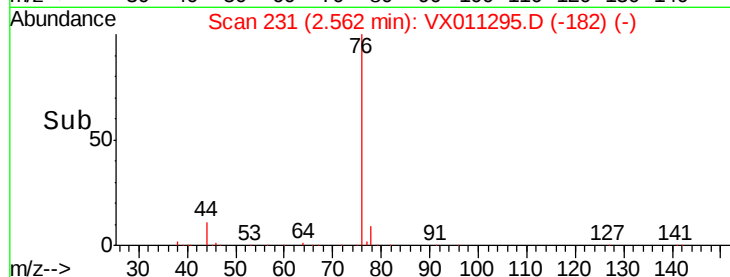
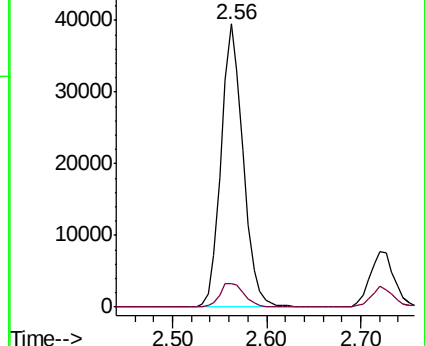
76 100

78 8.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.096 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011295.D

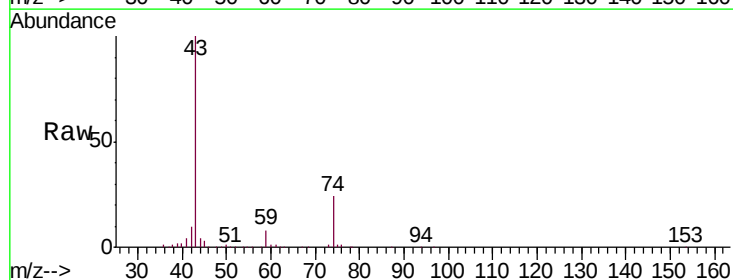
Acq: 02 Aug 2019 11:26

Tgt Ion: 43 Resp: 33289

Ion Ratio Lower Upper

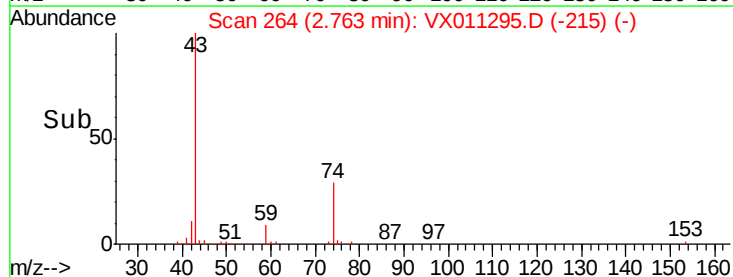
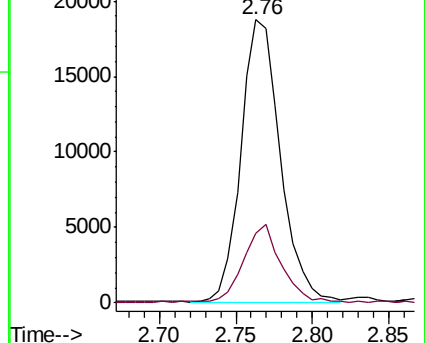
43 100

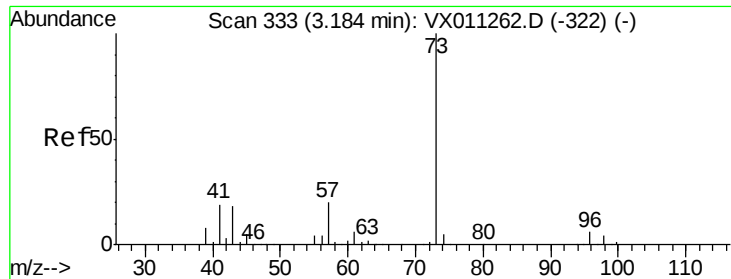
74 27.4 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

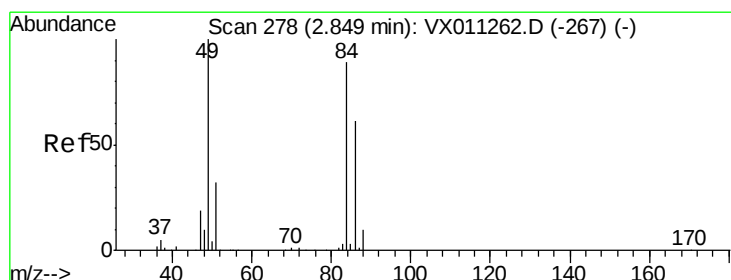
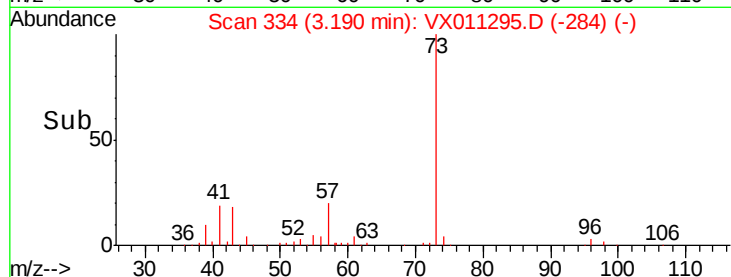
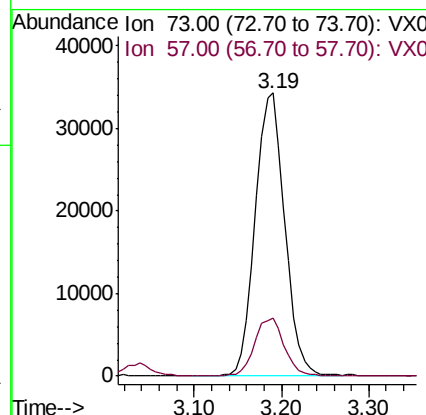
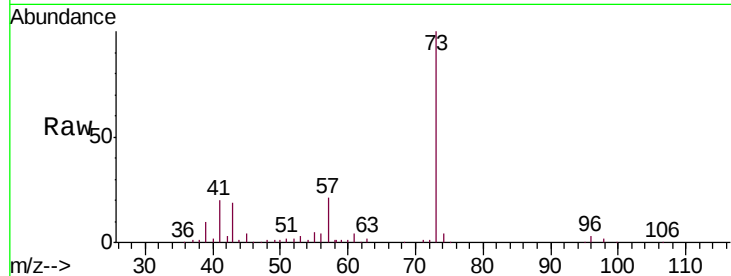




#19
Methyl tert-butyl Ether
Concen: 19.914 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX011295.D
Acq: 02 Aug 2019 11:26

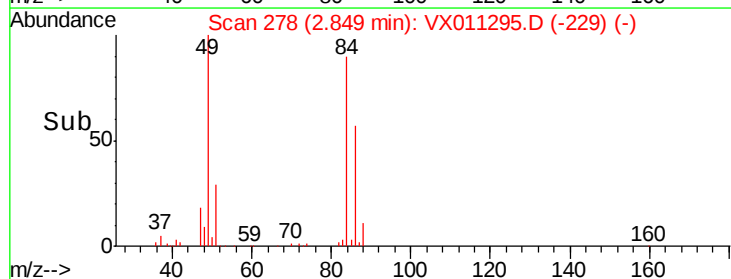
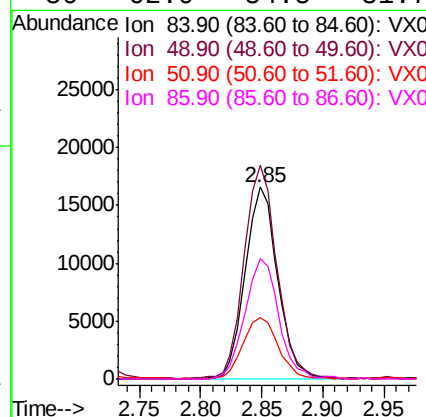
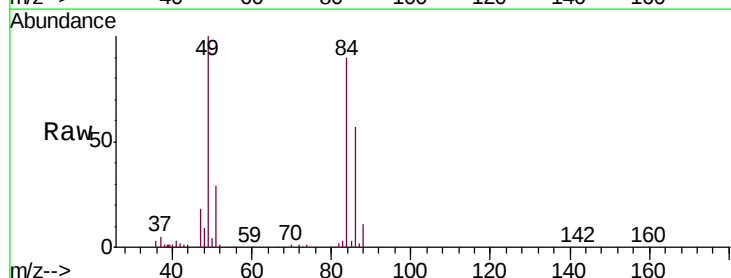
Instrument :
MSVOA_N
ClientSampleId :
VX0802MBS01

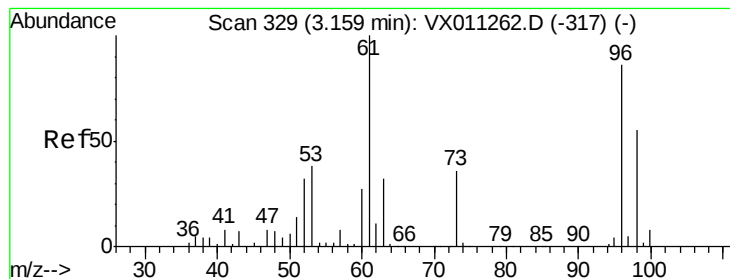
Tgt Ion: 73 Resp: 80744
Ion Ratio Lower Upper
73 100
57 20.7 16.2 24.2



#20
Methylene Chloride
Concen: 19.389 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011295.D
Acq: 02 Aug 2019 11:26

Tgt Ion: 84 Resp: 30780
Ion Ratio Lower Upper
84 100
49 111.4 89.3 133.9
51 31.5 28.3 42.5
86 62.9 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 19.741 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

VX0802MBS01

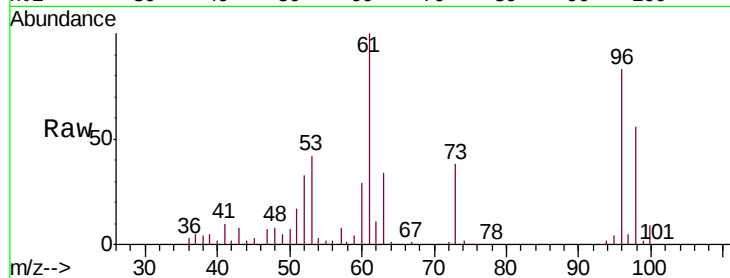
Tgt Ion: 96 Resp: 28732

Ion Ratio Lower Upper

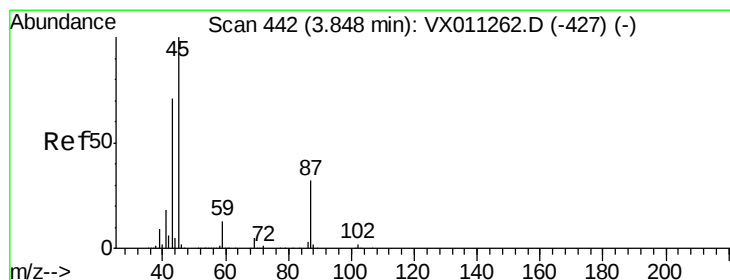
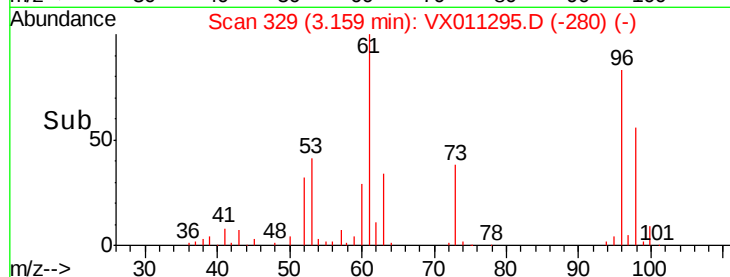
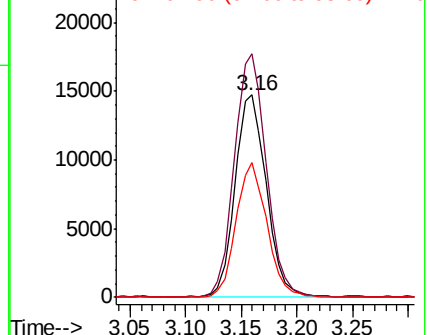
96 100

61 119.9 92.8 139.2

98 67.0 51.2 76.8



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



#22

Diisopropyl ether

Concen: 20.073 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

Tgt Ion: 45 Resp: 80919

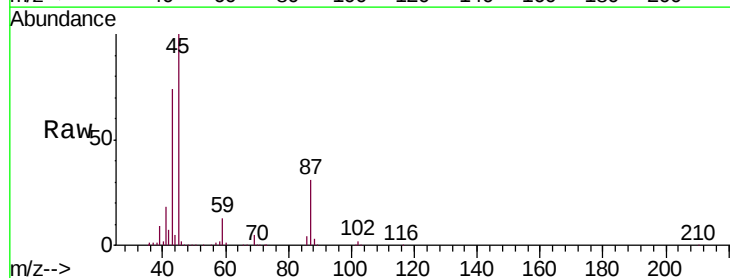
Ion Ratio Lower Upper

45 100

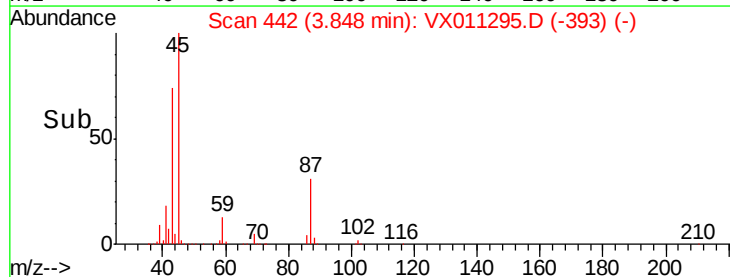
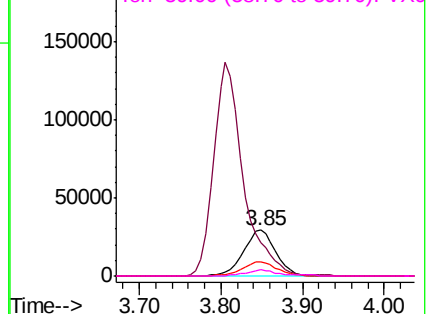
43 73.2 56.8 85.2

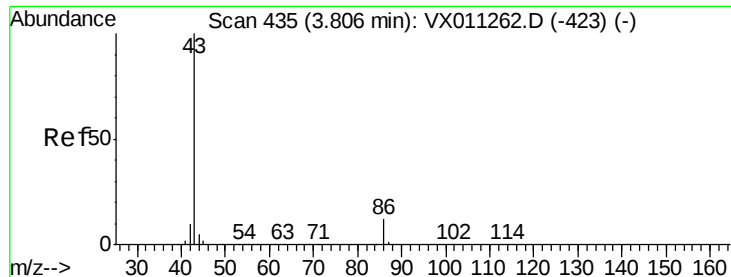
87 30.5 25.8 38.6

59 12.6 10.3 15.5



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 104.332 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

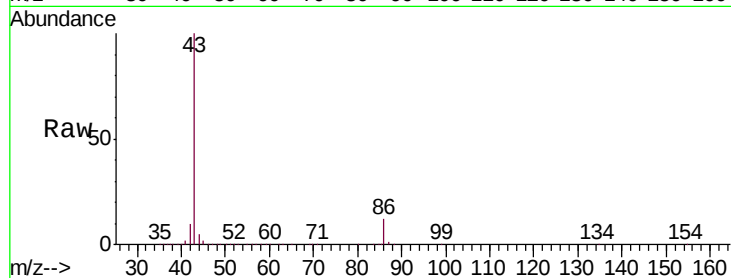
VX0802MBS01

Tgt Ion: 43 Resp: 348847

Ion Ratio Lower Upper

43 100

86 11.9 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

150000

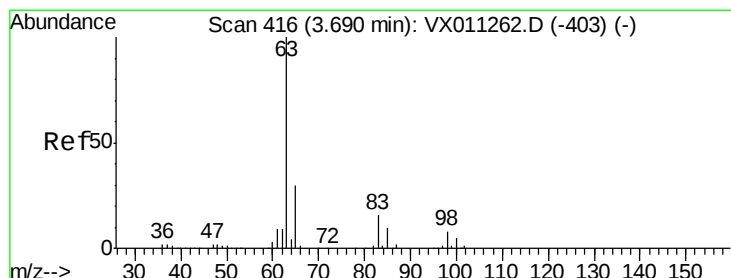
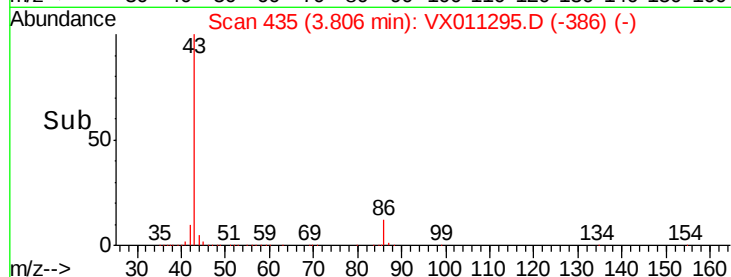
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 20.044 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

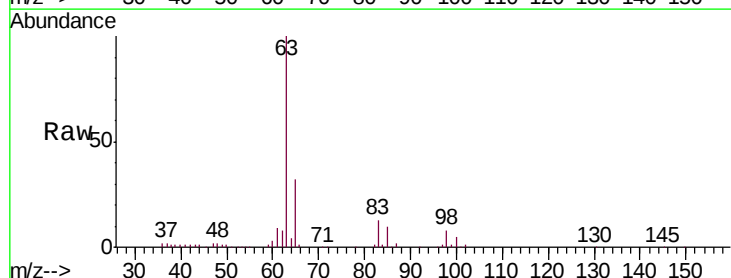
Tgt Ion: 63 Resp: 47647

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

100 5.4 2.7 8.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

25000

20000

15000

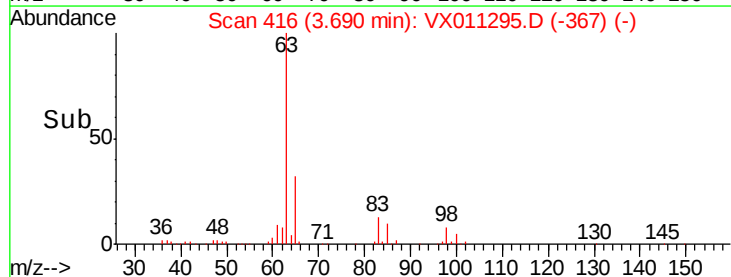
10000

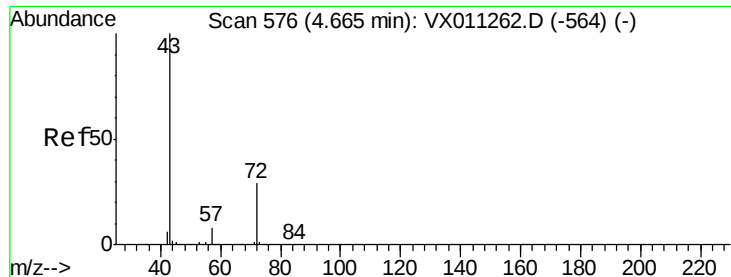
5000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 99.799 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

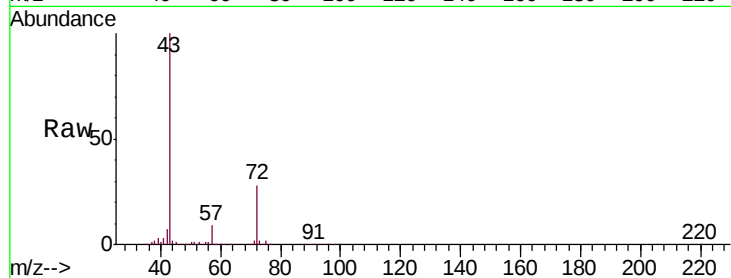
VX0802MBS01

Tgt Ion: 43 Resp: 102905

Ion Ratio Lower Upper

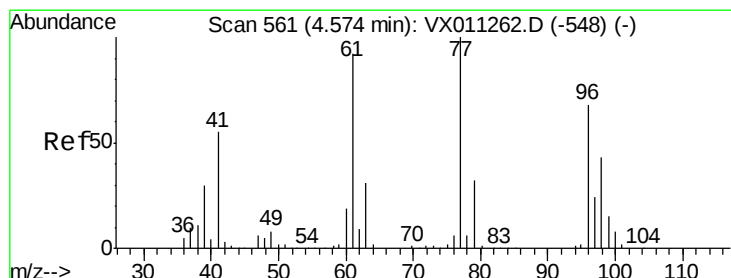
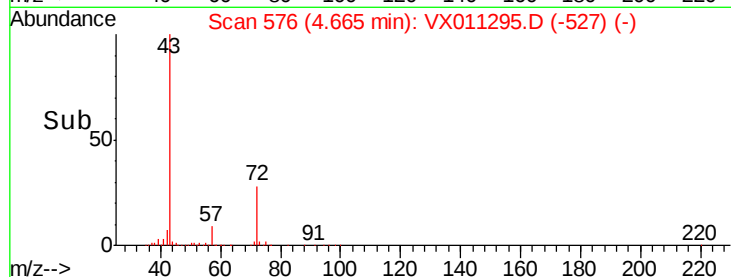
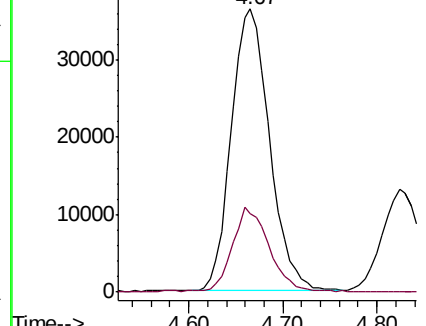
43 100

72 27.5 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: 19.536 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011295.D

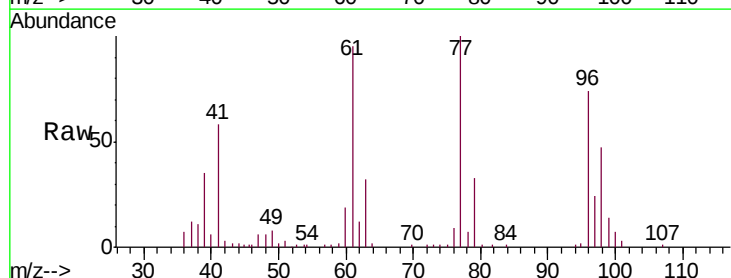
Acq: 02 Aug 2019 11:26

Tgt Ion: 77 Resp: 36099

Ion Ratio Lower Upper

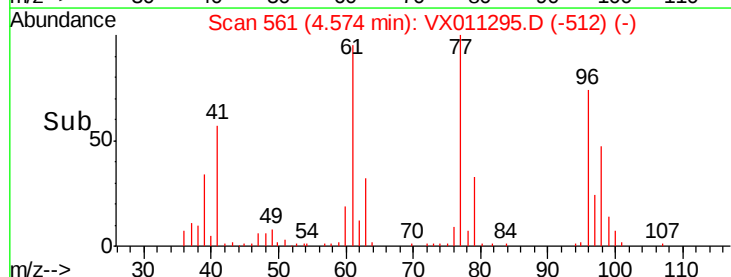
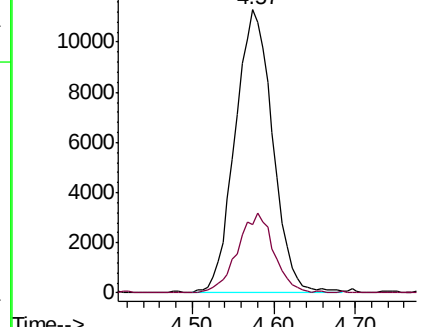
77 100

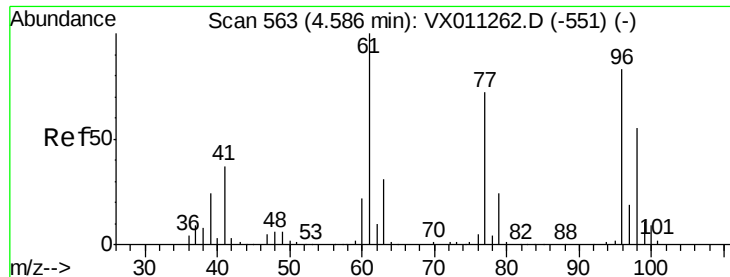
97 27.2 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



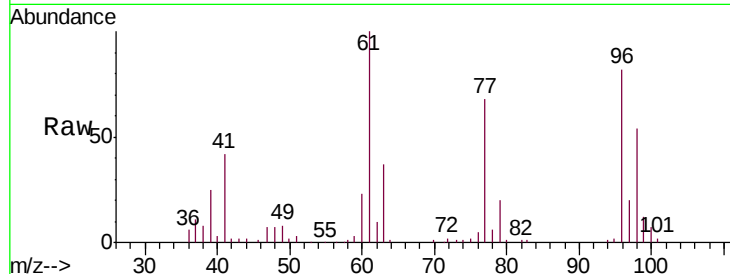


#27

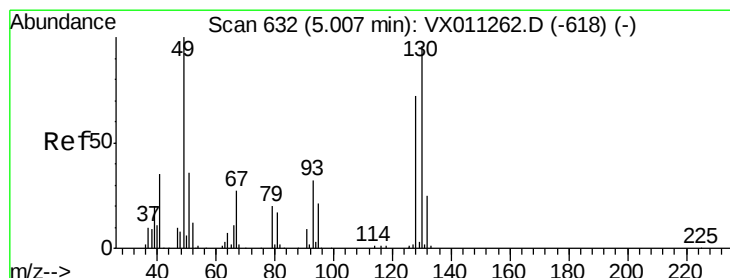
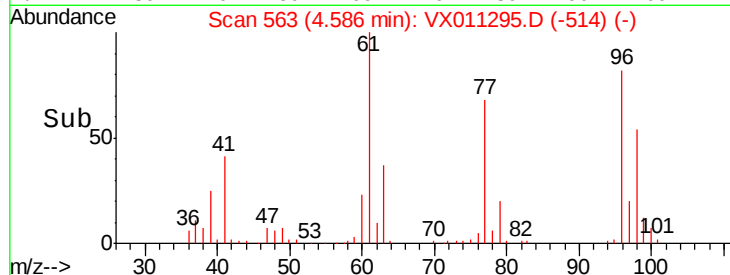
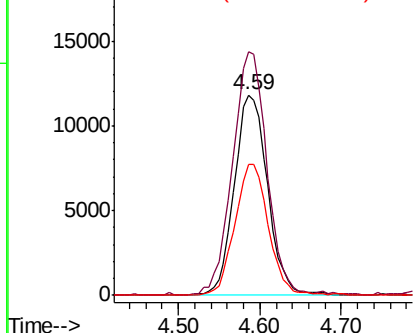
cis-1,2-Dichloroethene
 Concen: 19.915 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX011295.D
 Acq: 02 Aug 2019 11:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VX0802MBS01

Tgt Ion: 96 Resp: 33386
 Ion Ratio Lower Upper
 96 100
 61 125.5 0.0 260.2
 98 66.0 0.0 133.2



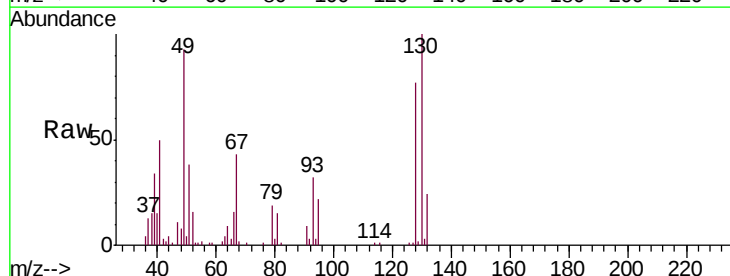
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



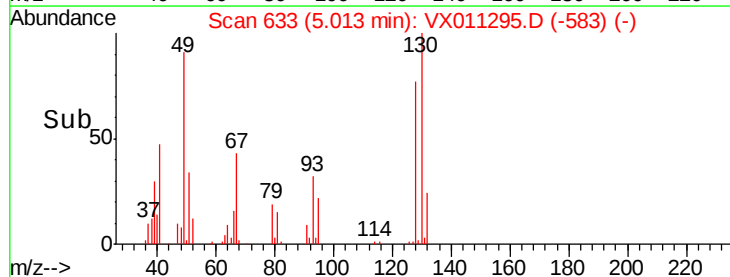
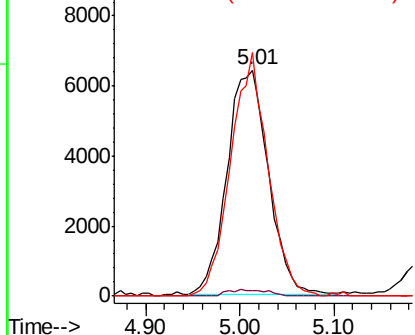
#28

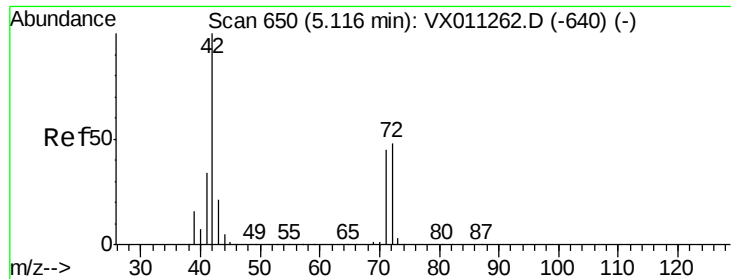
Bromochloromethane
 Concen: 18.053 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.01 min
 Lab File: VX011295.D
 Acq: 02 Aug 2019 11:26

Tgt Ion: 49 Resp: 19564
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 5.8
 130 97.9 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

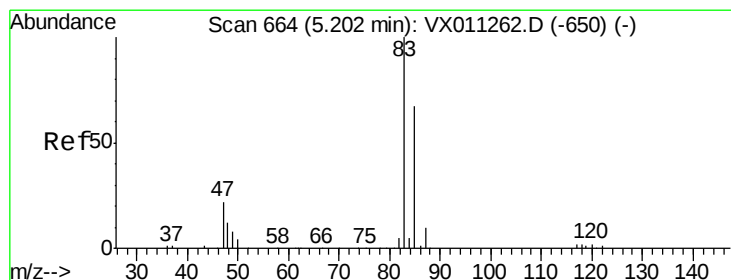
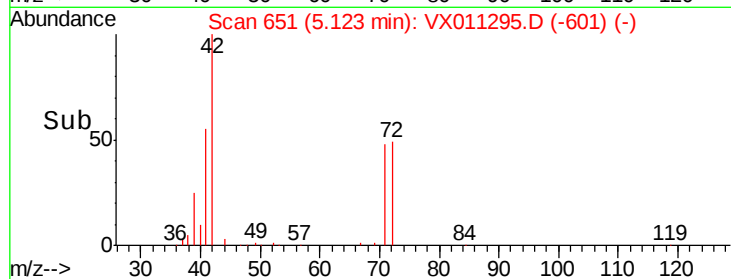
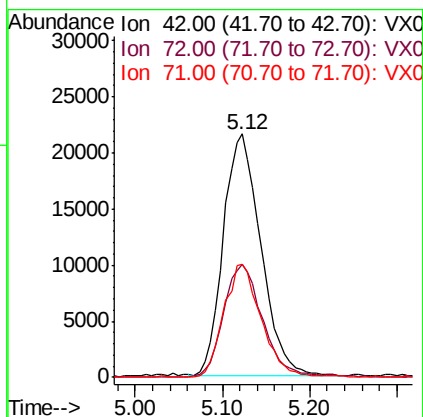
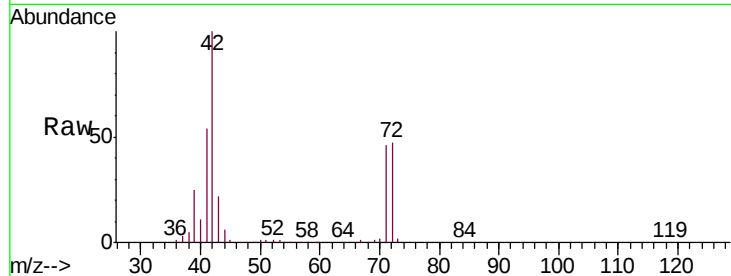




#29
Tetrahydrofuran
Concen: 102.031 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011295.D
Acq: 02 Aug 2019 11:26

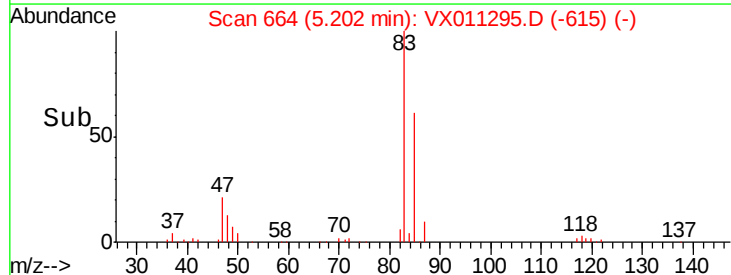
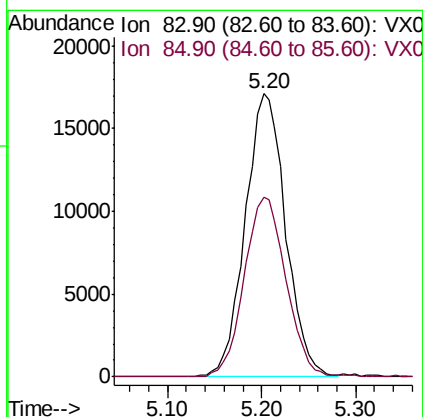
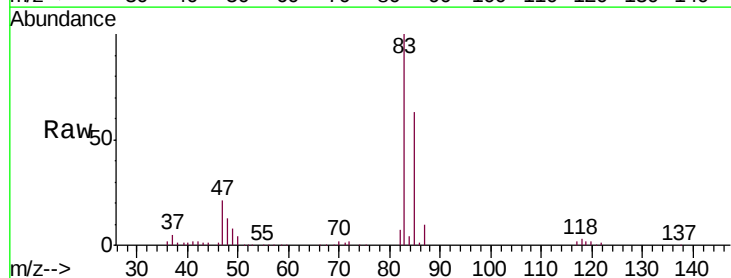
Instrument :
MSVOA_N
ClientSampleId :
VX0802MBS01

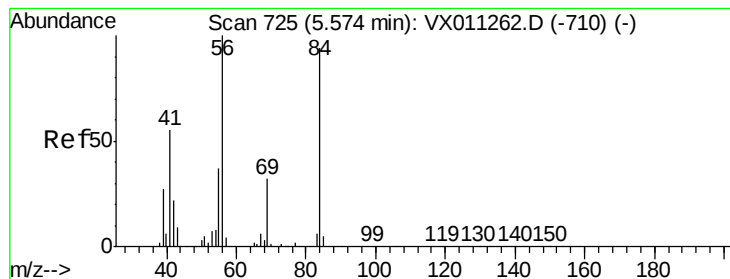
Tgt Ion: 42 Resp: 64507
Ion Ratio Lower Upper
42 100
72 48.2 39.9 59.9
71 46.6 36.9 55.3



#30
Chloroform
Concen: 19.918 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011295.D
Acq: 02 Aug 2019 11:26

Tgt Ion: 83 Resp: 51460
Ion Ratio Lower Upper
83 100
85 63.5 53.4 80.0





#31

Cyclohexane

Concen: 19.669 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

VX0802MBS01

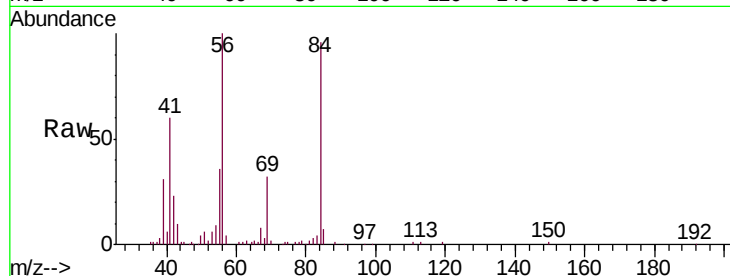
Tgt Ion: 56 Resp: 38574

Ion Ratio Lower Upper

56 100

69 31.3 25.5 38.3

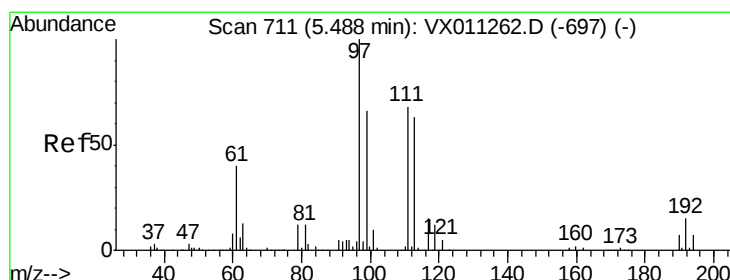
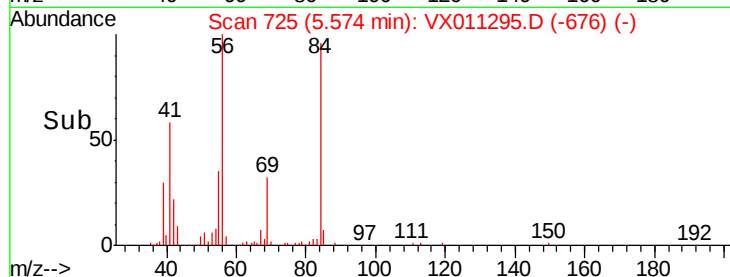
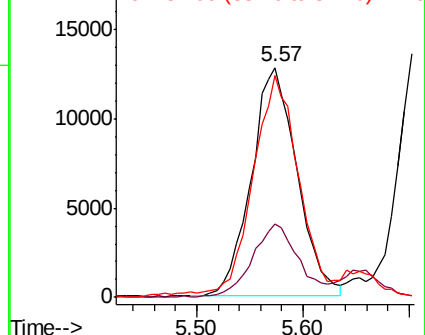
84 94.6 75.0 112.4



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: 19.744 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

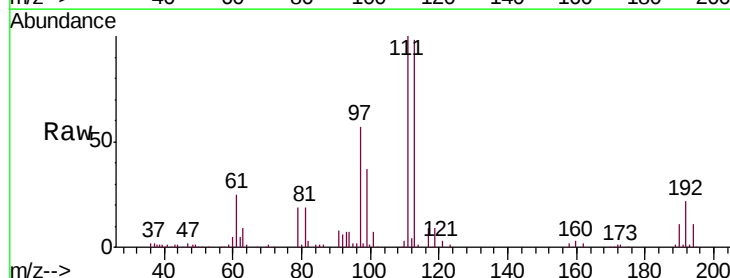
Tgt Ion: 97 Resp: 43697

Ion Ratio Lower Upper

97 100

99 65.1 51.6 77.4

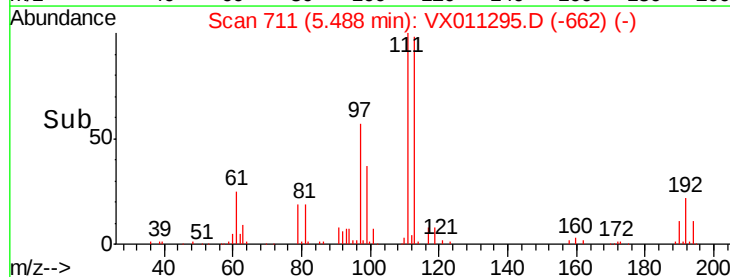
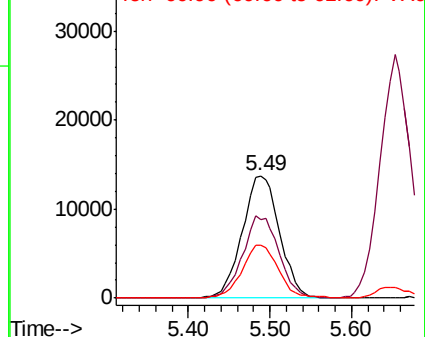
61 42.8 32.3 48.5

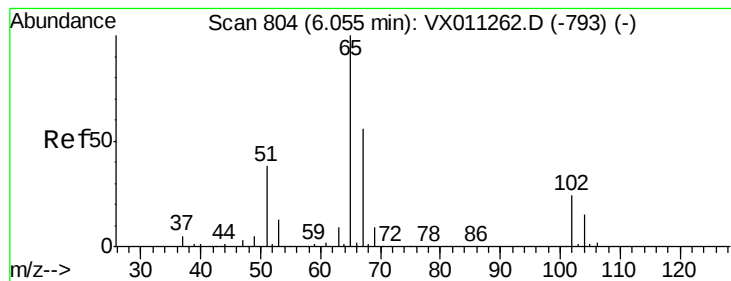


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.277 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

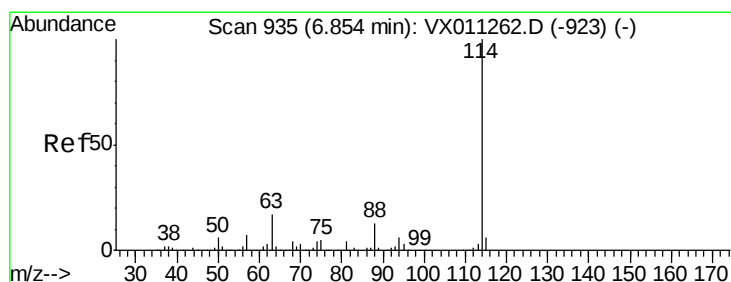
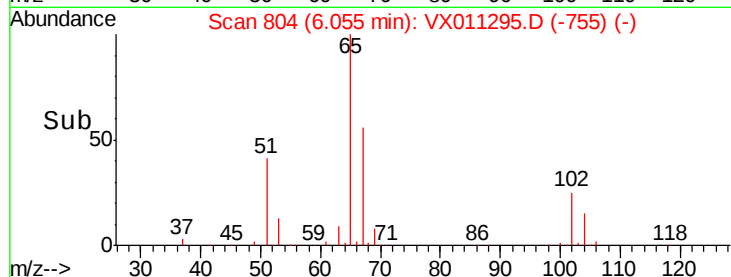
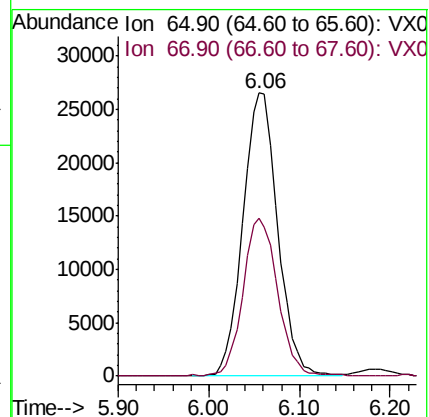
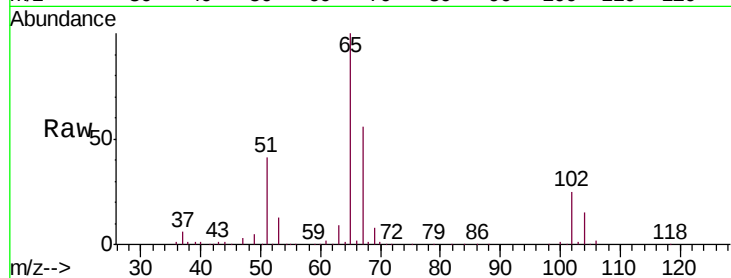
VX0802MBS01

Tgt Ion: 65 Resp: 70475

Ion Ratio Lower Upper

65 100

67 55.2 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: VX011295.D

Acq: 02 Aug 2019 11:26

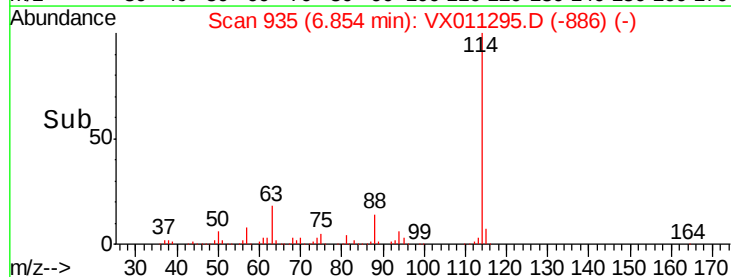
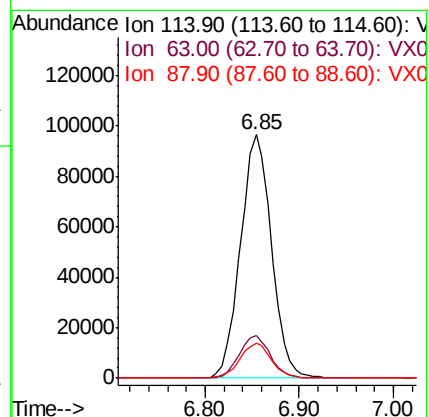
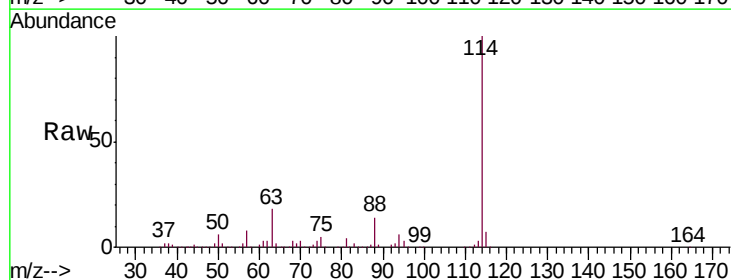
Tgt Ion: 114 Resp: 221710

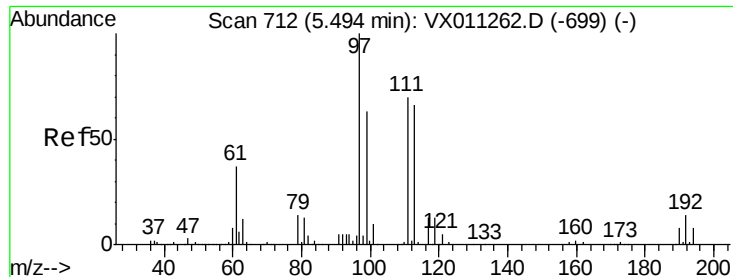
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.0

88 14.4 0.0 26.4





#35

Dibromofluoromethane

Concen: 46.462 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

VX0802MBS01

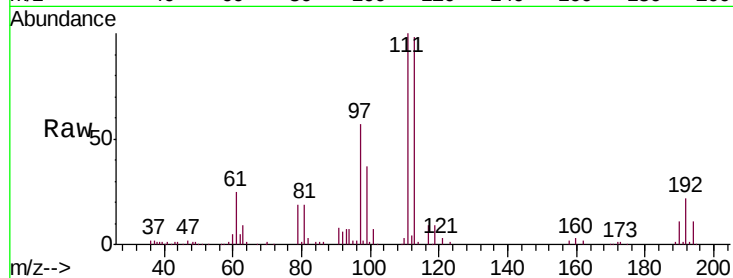
Tgt Ion:113 Resp: 67254

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

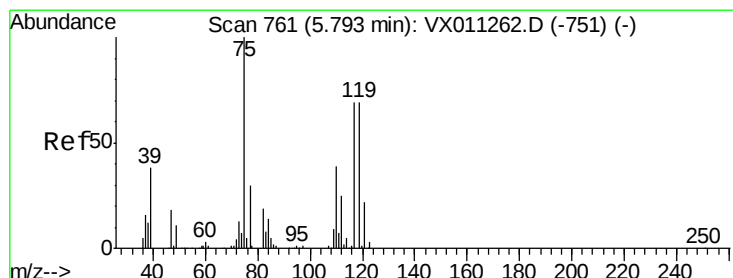
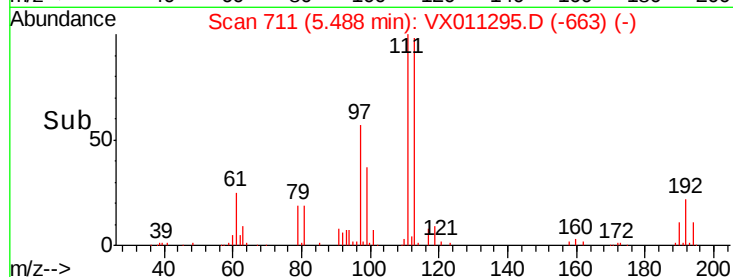
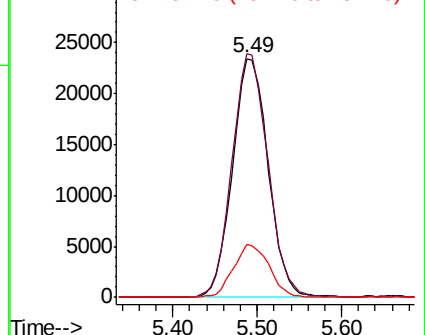
192 22.3 17.8 26.8



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: 18.509 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

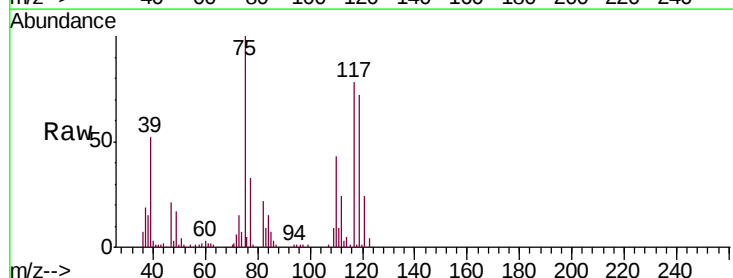
Tgt Ion: 75 Resp: 35829

Ion Ratio Lower Upper

75 100

110 41.7 20.0 59.9

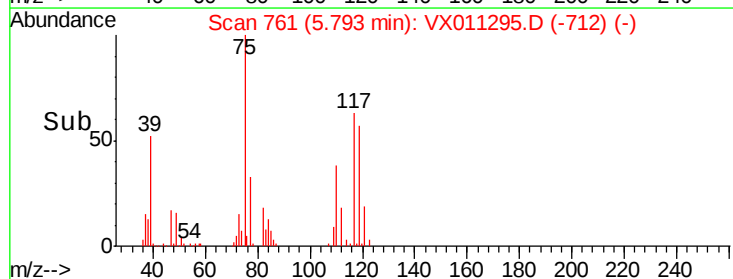
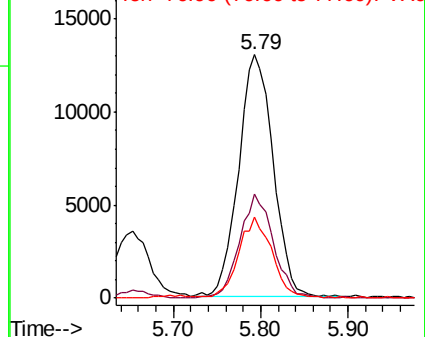
77 32.2 24.8 37.2

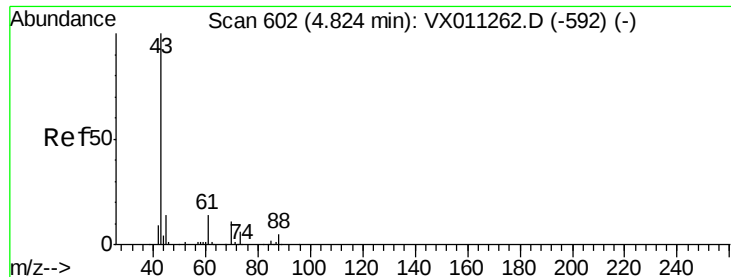


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

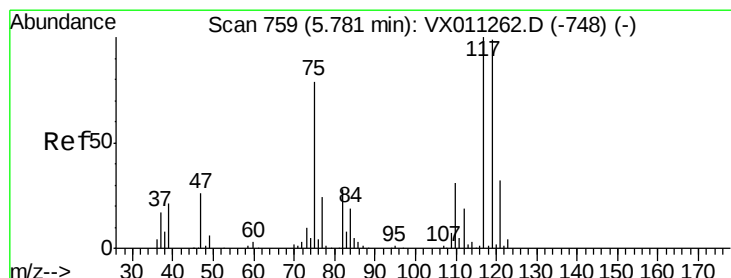
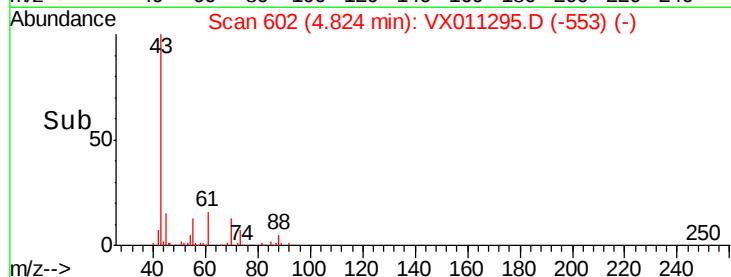
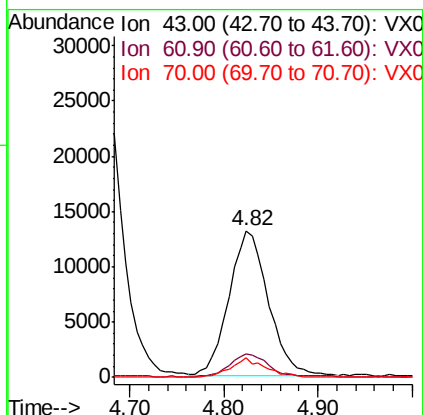
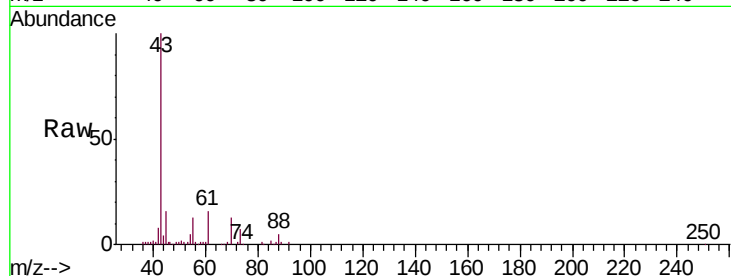




#37
 Ethyl Acetate
 Concen: 19.450 ug/l
 RT: 4.82 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: VX011295.D
 Acq: 02 Aug 2019 11:26

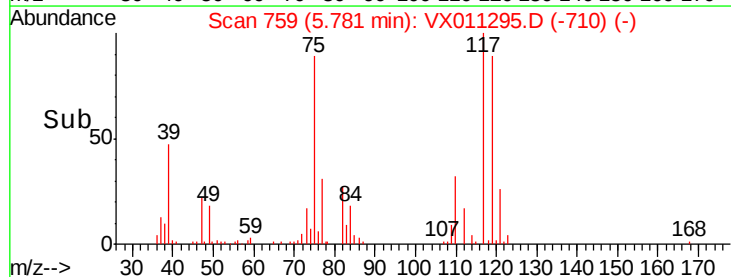
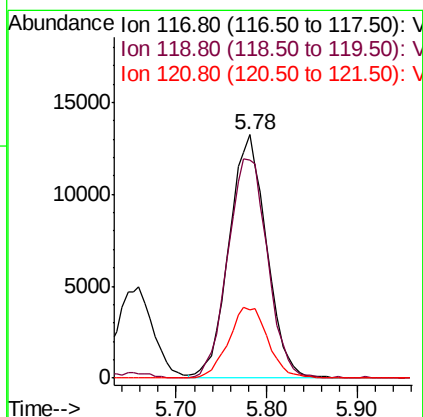
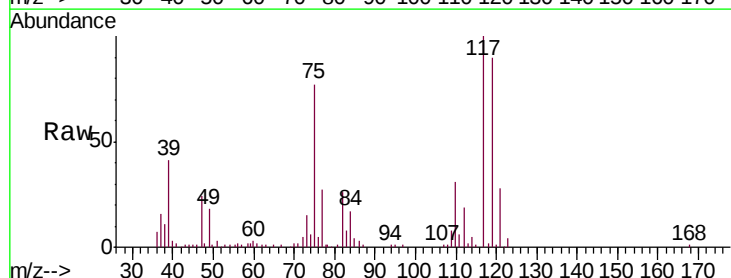
Instrument :
 MSVOA_N
 ClientSampleId :
 VX0802MBS01

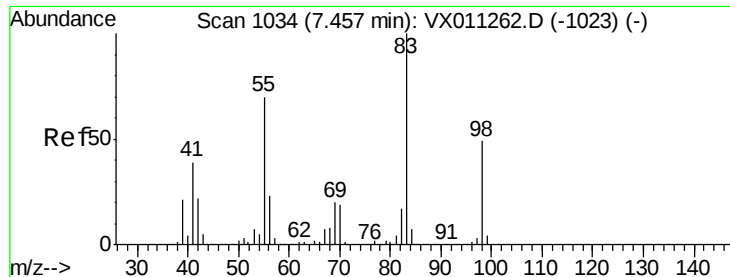
Tgt Ion: 43 Resp: 37766
 Ion Ratio Lower Upper
 43 100
 61 15.0 12.6 18.8
 70 12.1 9.1 13.7



#38
 Carbon Tetrachloride
 Concen: 19.524 ug/l
 RT: 5.78 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VX011295.D
 Acq: 02 Aug 2019 11:26

Tgt Ion: 117 Resp: 38023
 Ion Ratio Lower Upper
 117 100
 119 89.3 79.0 118.4
 121 28.2 25.9 38.9

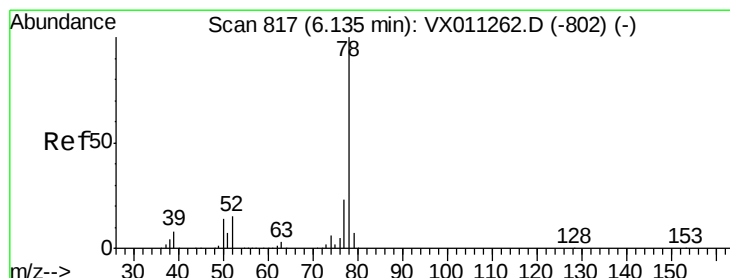
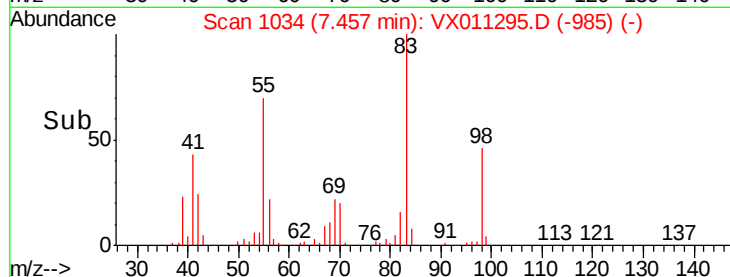
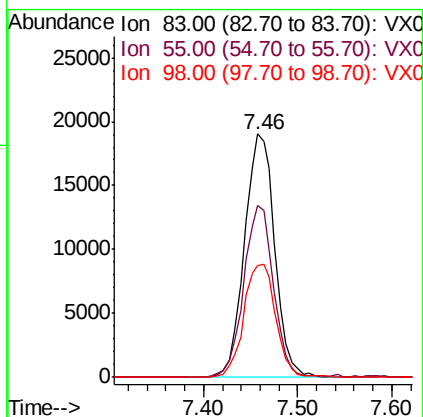
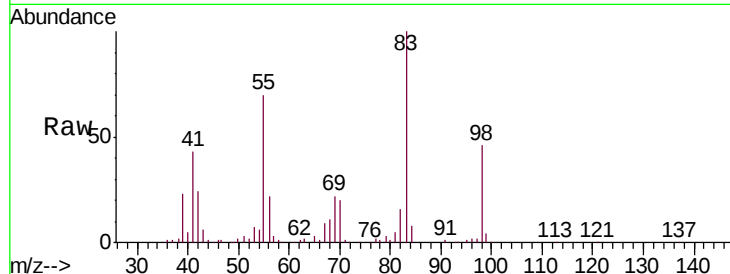




#39
Methylcyclohexane
Concen: 18.671 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011295.D
Acq: 02 Aug 2019 11:26

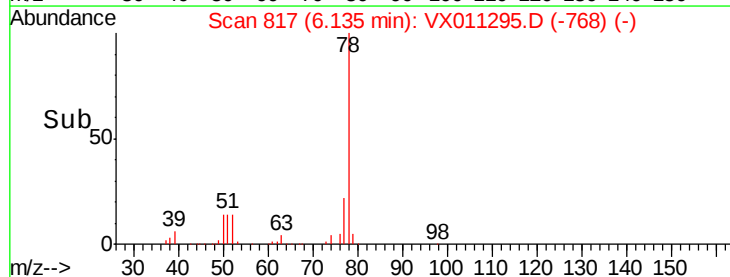
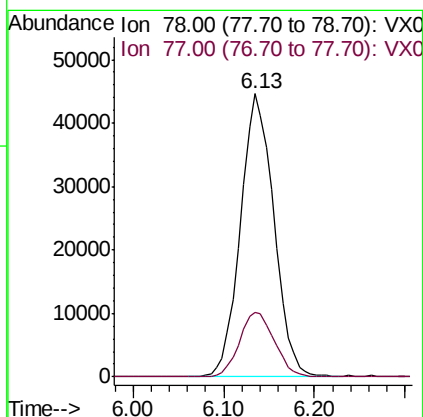
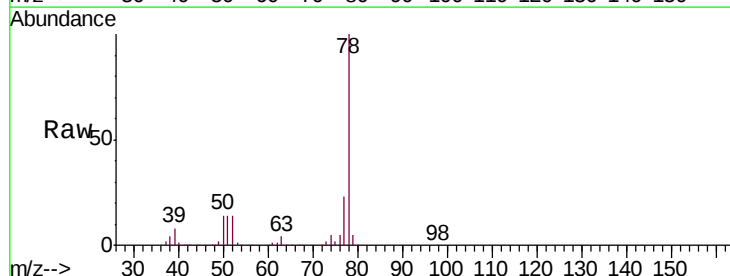
Instrument :
MSVOA_N
ClientSampleId :
VX0802MBS01

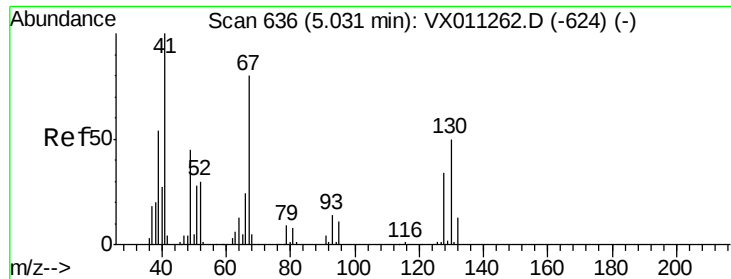
Tgt Ion: 83 Resp: 42840
Ion Ratio Lower Upper
83 100
55 70.4 56.1 84.1
98 45.8 39.0 58.4



#40
Benzene
Concen: 19.751 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011295.D
Acq: 02 Aug 2019 11:26

Tgt Ion: 78 Resp: 114088
Ion Ratio Lower Upper
78 100
77 22.9 18.2 27.2

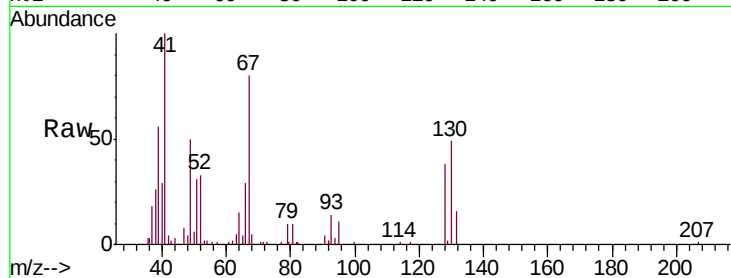




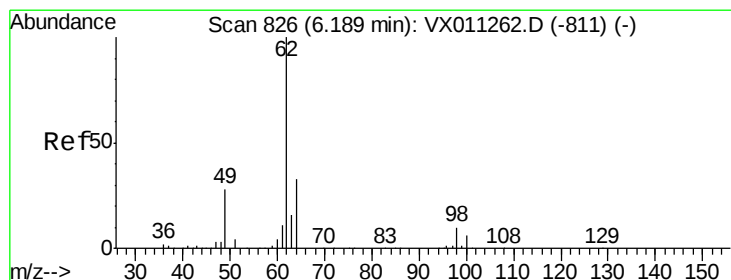
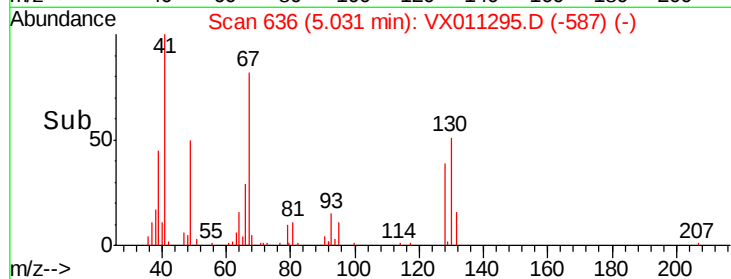
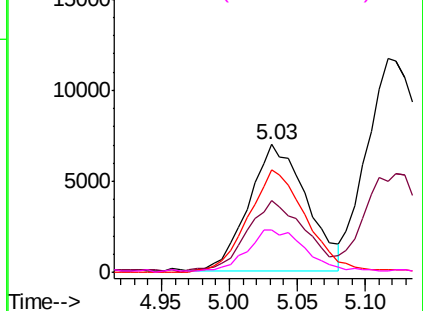
#41
Methacrylonitrile
Concen: 19.359 ug/l
RT: 5.03 min Scan# 636
Delta R.T. 0.00 min
Lab File: VX011295.D
Acq: 02 Aug 2019 11:26

Instrument :
MSVOA_N
ClientSampleId :
VX0802MBS01

Tgt Ion:	41	Resp:	20529
Ion	Ratio	Lower	Upper
41	100		
39	57.7	43.0	64.6
67	82.5	65.1	97.7
52	33.4	24.8	37.2

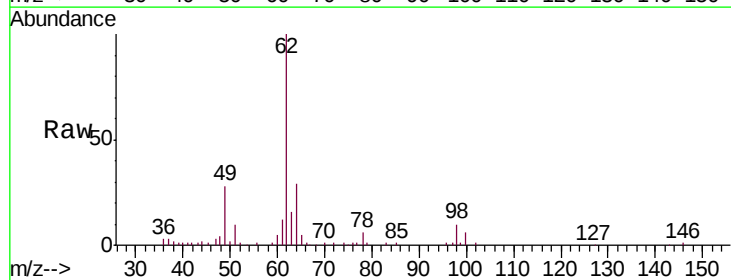


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

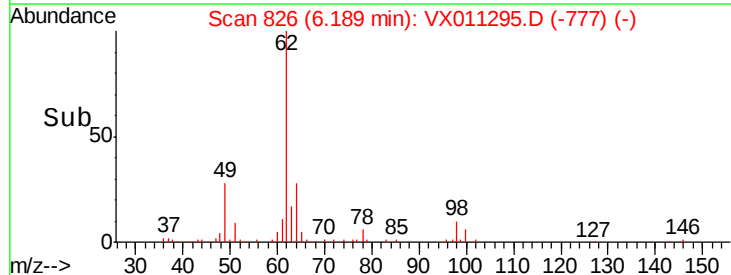
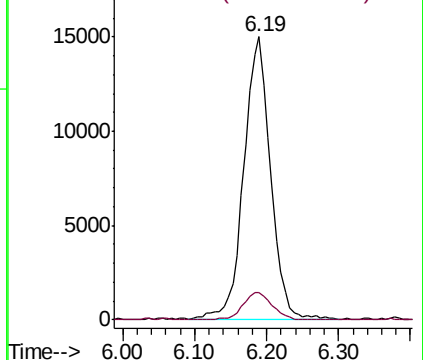


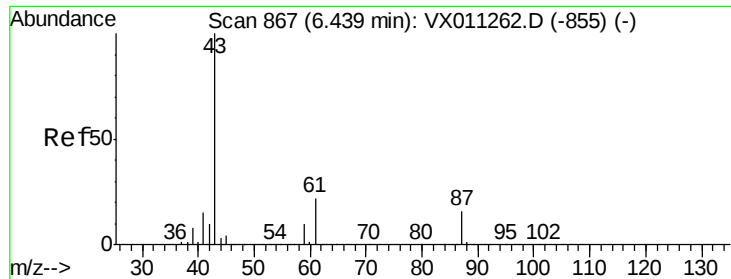
#42
1,2-Dichloroethane
Concen: 19.915 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX011295.D
Acq: 02 Aug 2019 11:26

Tgt Ion:	62	Resp:	38900
Ion	Ratio	Lower	Upper
62	100		
98	10.5	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: 19.330 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

VX0802MBS01

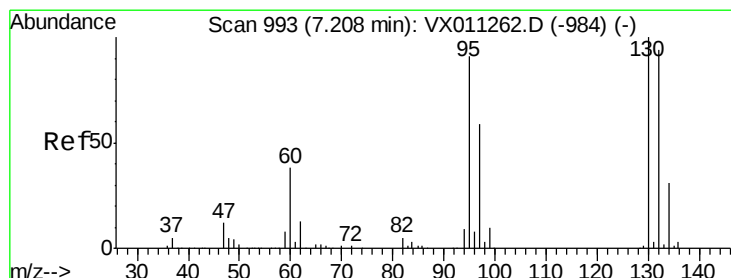
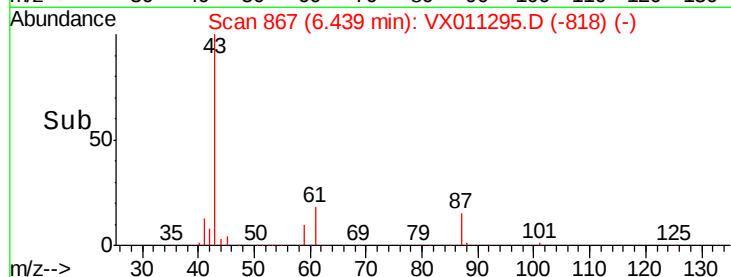
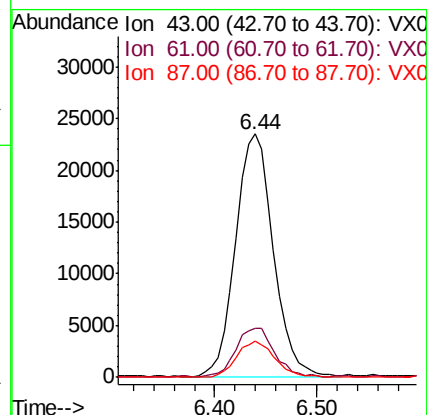
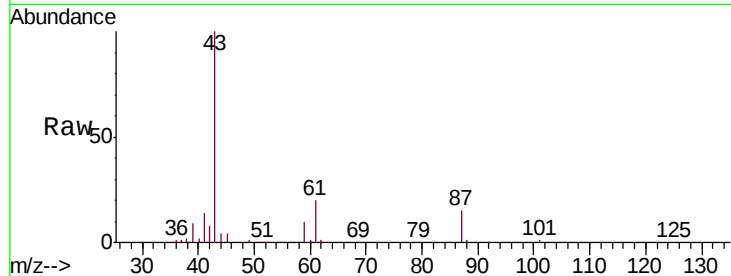
Tgt Ion: 43 Resp: 60005

Ion Ratio Lower Upper

43 100

61 21.1 16.5 24.7

87 15.1 12.1 18.1



#44

Trichloroethene

Concen: 19.113 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011295.D

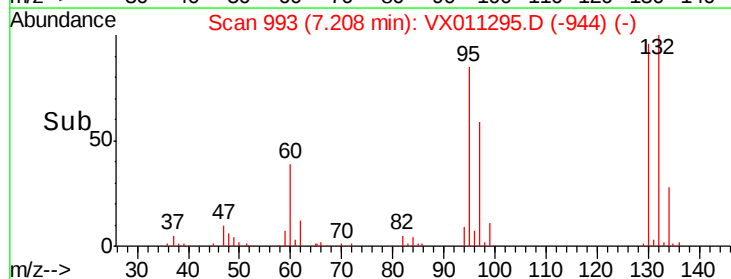
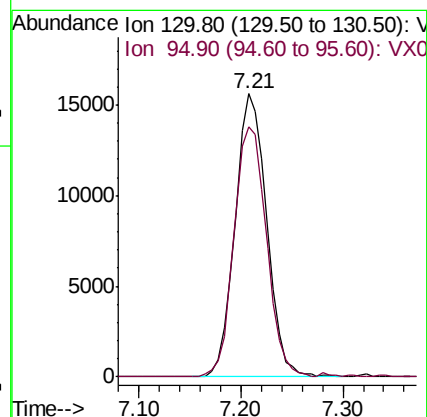
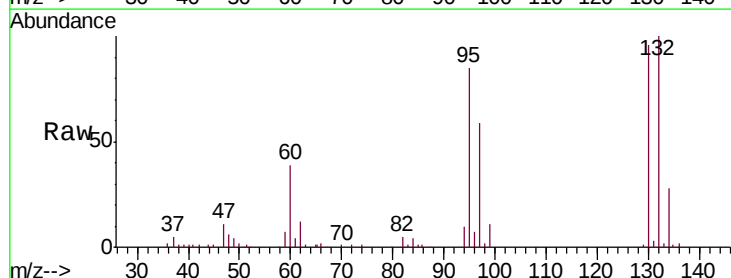
Acq: 02 Aug 2019 11:26

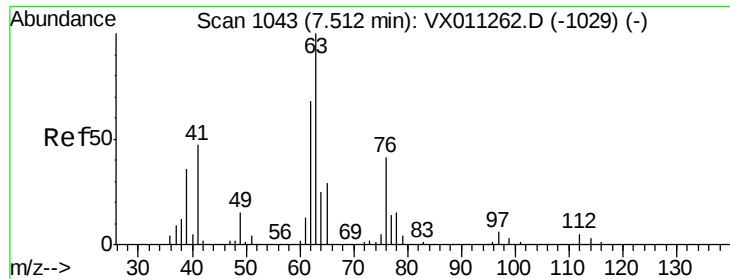
Tgt Ion: 130 Resp: 33417

Ion Ratio Lower Upper

130 100

95 88.3 0.0 182.6

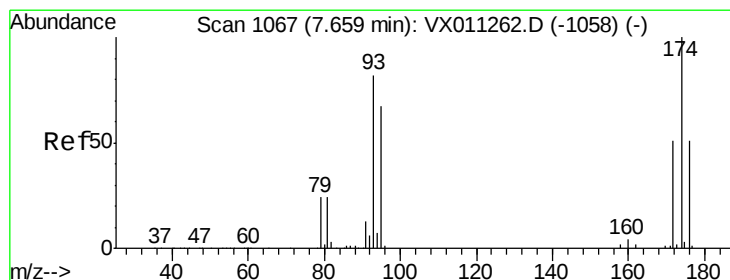
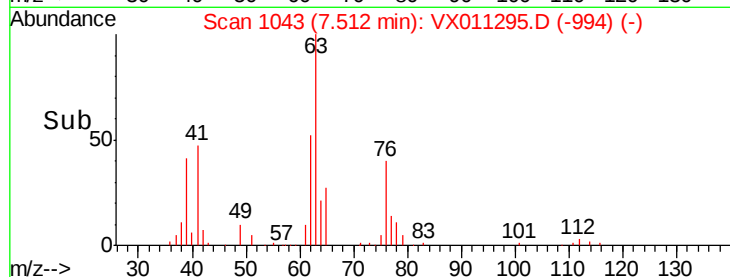
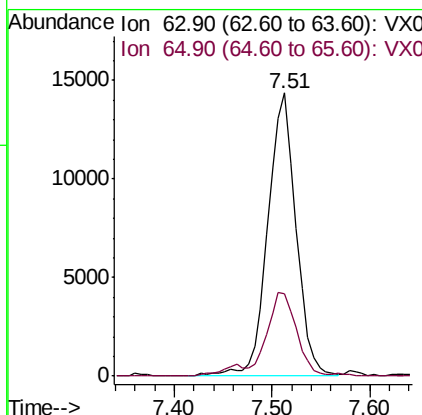
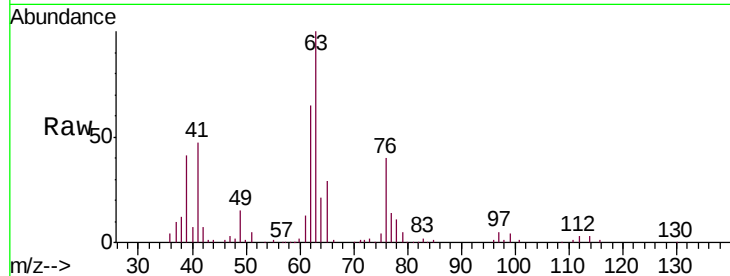




#45
 1,2-Dichloropropane
 Concen: 19.303 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011295.D
 Acq: 02 Aug 2019 11:26

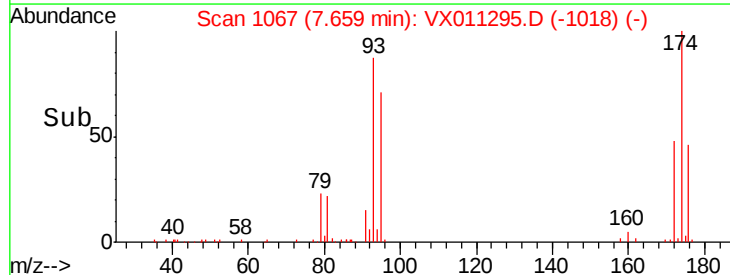
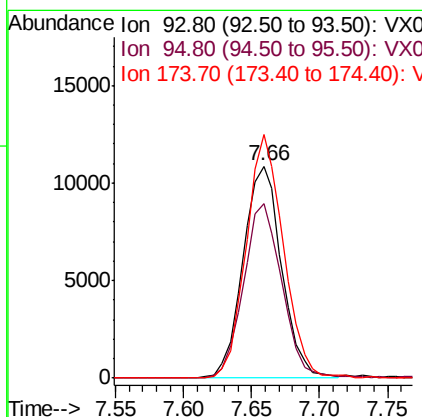
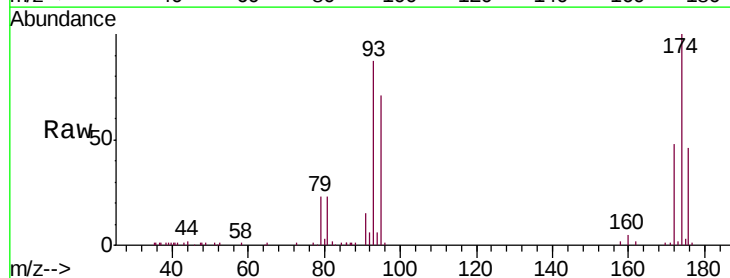
Instrument :
 MSVOA_N
 ClientSampleId :
 VX0802MBS01

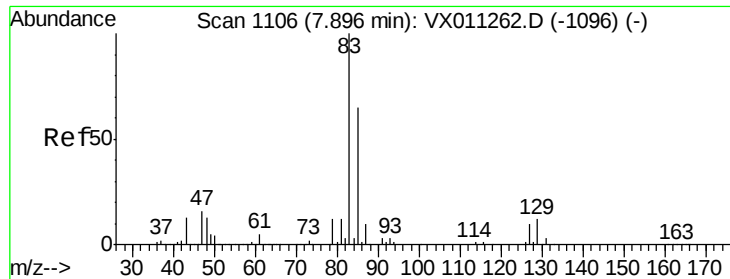
Tgt Ion: 63 Resp: 28877
 Ion Ratio Lower Upper
 63 100
 65 29.1 23.3 34.9



#46
 Dibromomethane
 Concen: 19.773 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011295.D
 Acq: 02 Aug 2019 11:26

Tgt Ion: 93 Resp: 21594
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.4 99.6
 174 110.9 93.4 140.2





#47

Bromodichloromethane

Concen: 19.321 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

VX0802MBS01

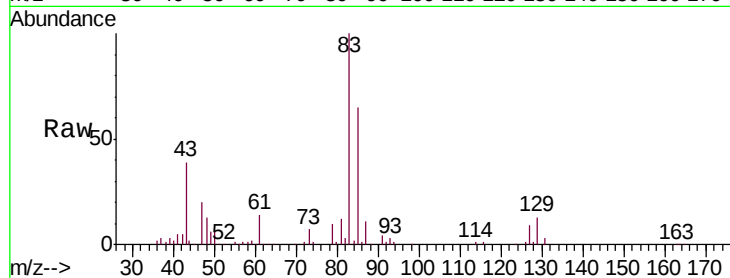
Tgt Ion: 83 Resp: 35725

Ion Ratio Lower Upper

83 100

85 64.7 52.2 78.2

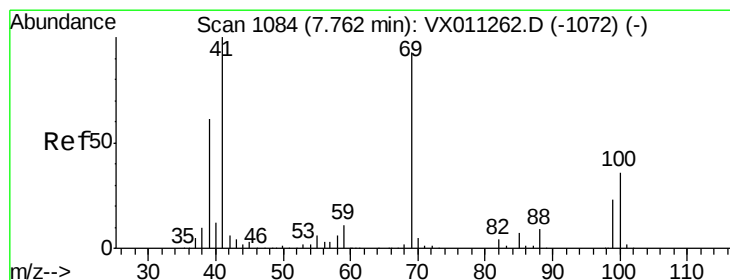
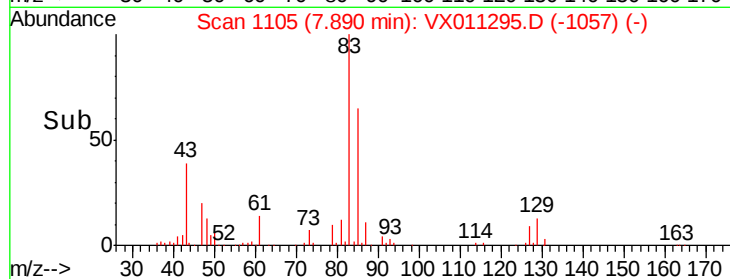
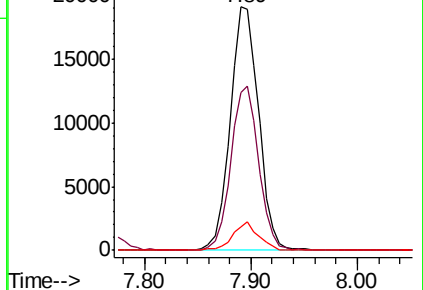
127 9.5 7.8 11.8



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: 19.480 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

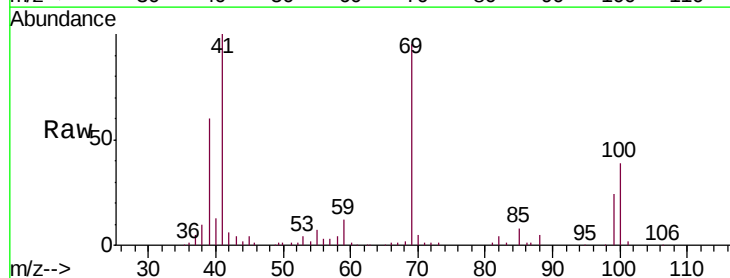
Tgt Ion: 41 Resp: 28459

Ion Ratio Lower Upper

41 100

69 93.4 74.5 111.7

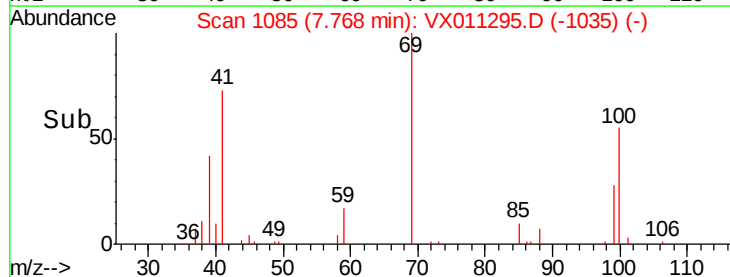
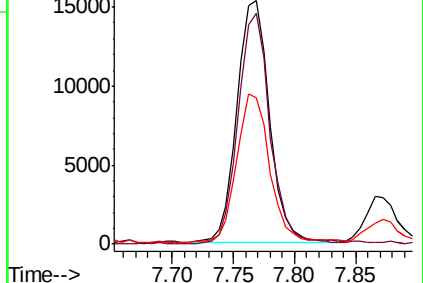
39 62.2 48.6 72.8

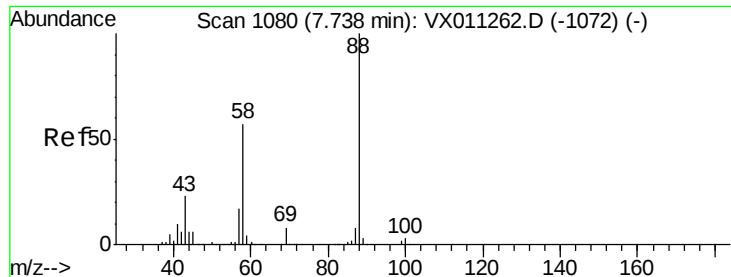


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

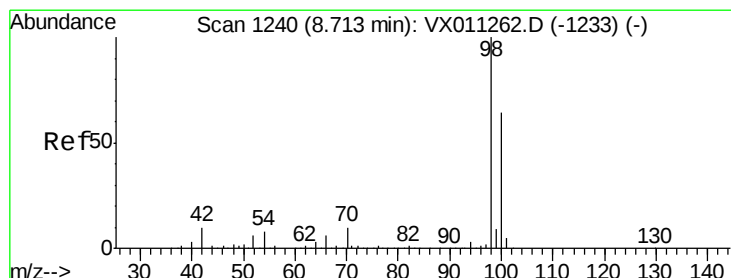
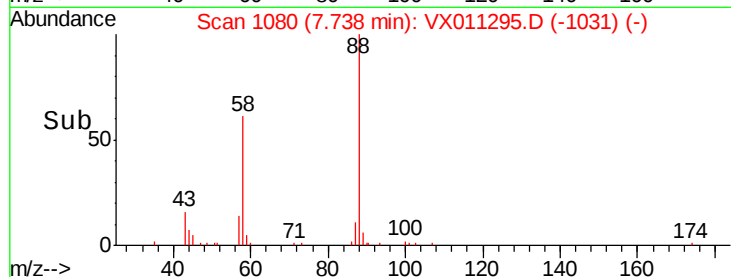
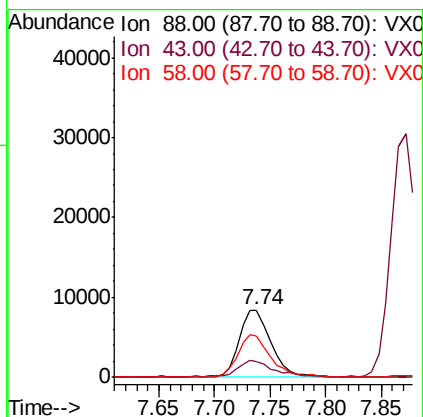
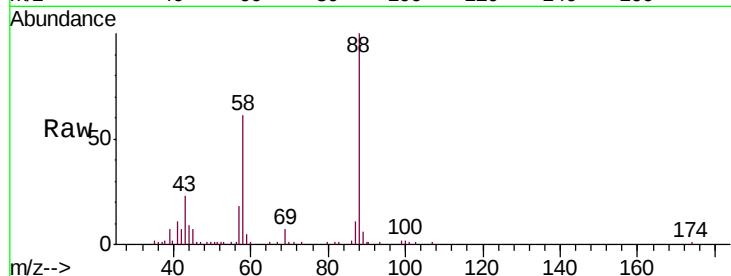




#49
1,4-Dioxane
Concen: 391.182 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011295.D
Acq: 02 Aug 2019 11:26

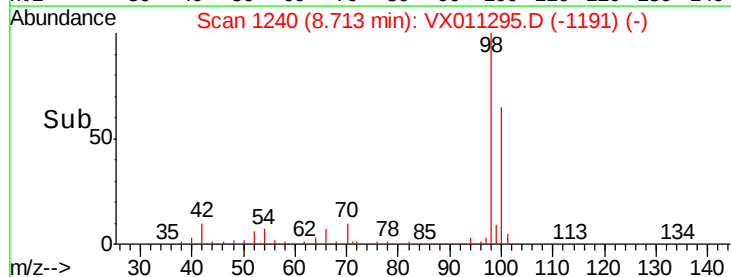
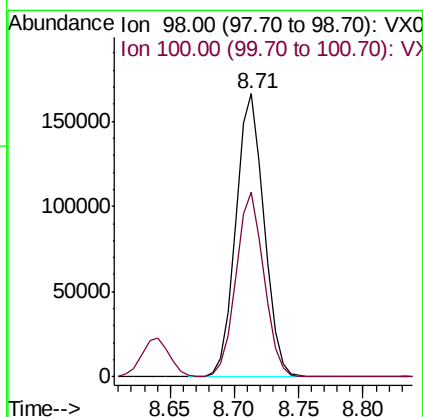
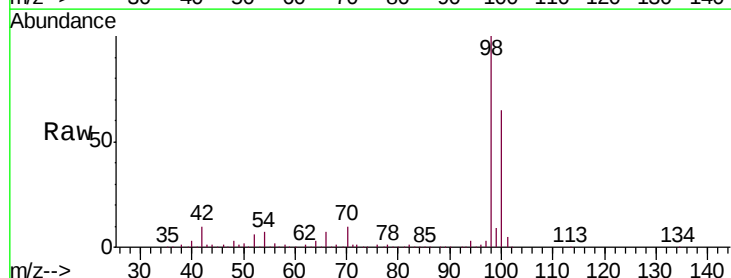
Instrument :
MSVOA_N
ClientSampleId :
VX0802MBS01

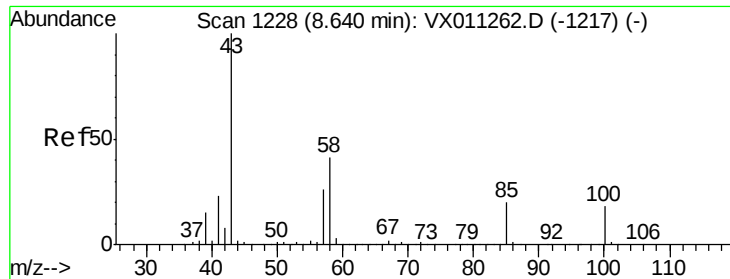
Tgt Ion: 88 Resp: 16568
Ion Ratio Lower Upper
88 100
43 27.3 22.2 33.2
58 66.4 47.8 71.8



#50
Toluene-d8
Concen: 46.134 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011295.D
Acq: 02 Aug 2019 11:26

Tgt Ion: 98 Resp: 252070
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5

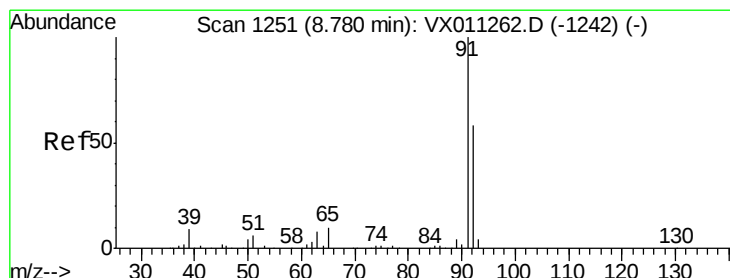
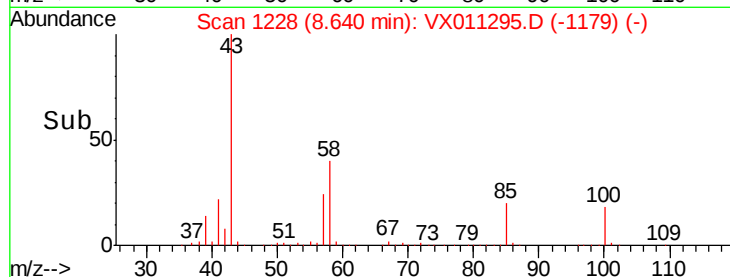
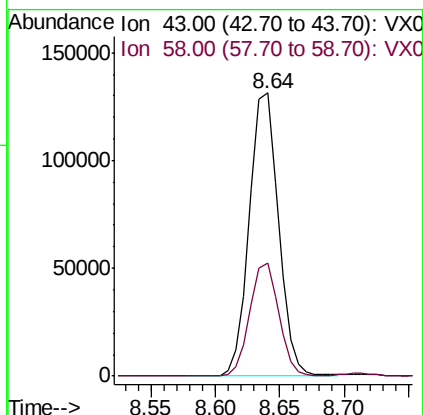
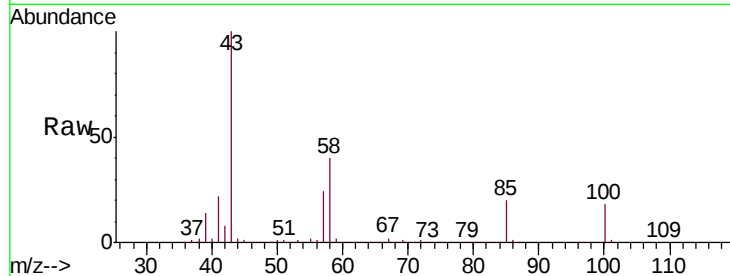




#51
 4-Methyl-2-Pentanone
 Concen: 102.722 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX011295.D
 Acq: 02 Aug 2019 11:26

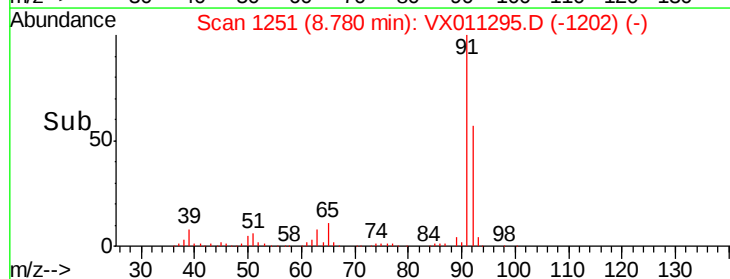
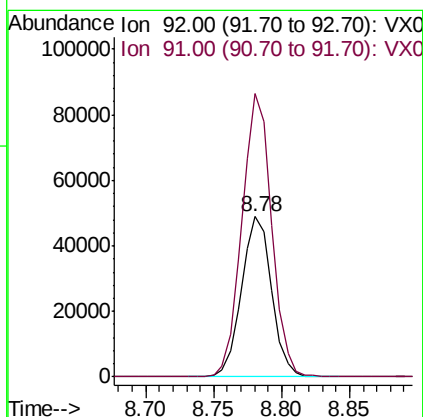
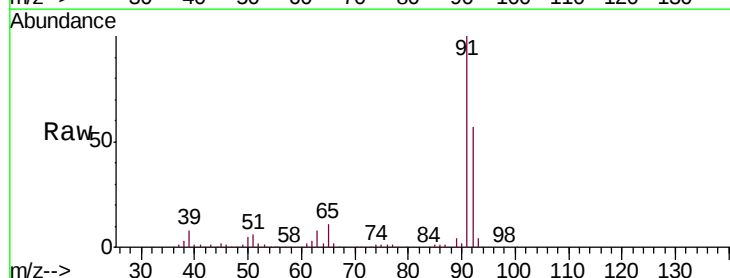
Instrument :
 MSVOA_N
 ClientSampled :
 VX0802MBS01

Tgt Ion: 43 Resp: 205793
 Ion Ratio Lower Upper
 43 100
 58 39.7 32.3 48.5



#52
 Toluene
 Concen: 19.785 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011295.D
 Acq: 02 Aug 2019 11:26

Tgt Ion: 92 Resp: 75562
 Ion Ratio Lower Upper
 92 100
 91 174.8 139.4 209.0

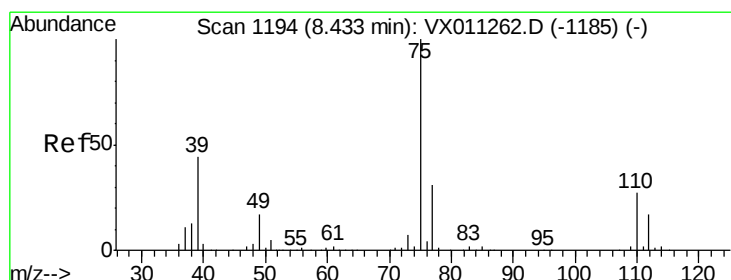
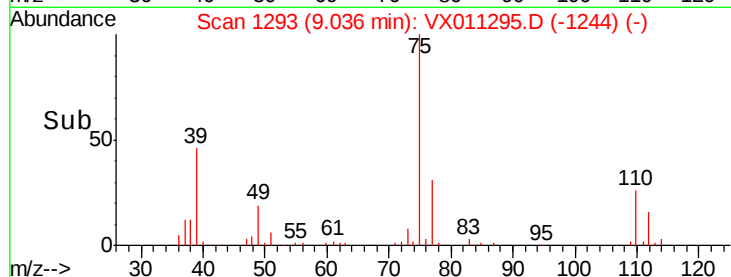
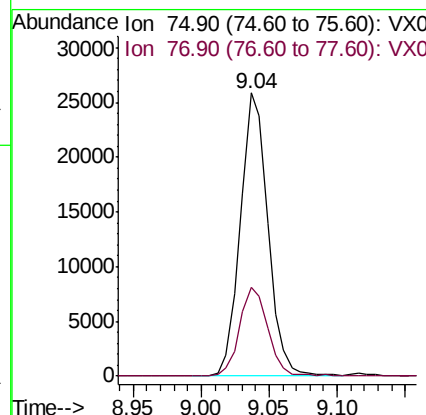
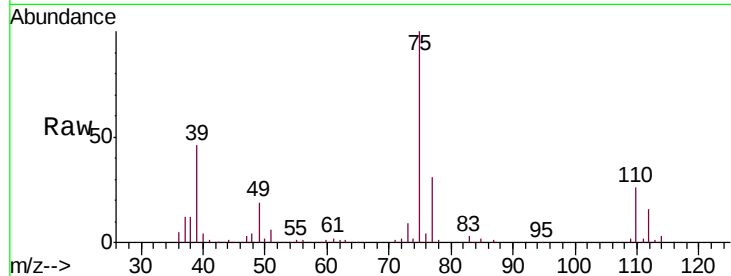




#53
 t-1,3-Dichloropropene
 Concen: 18.860 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011295.D
 Acq: 02 Aug 2019 11:26

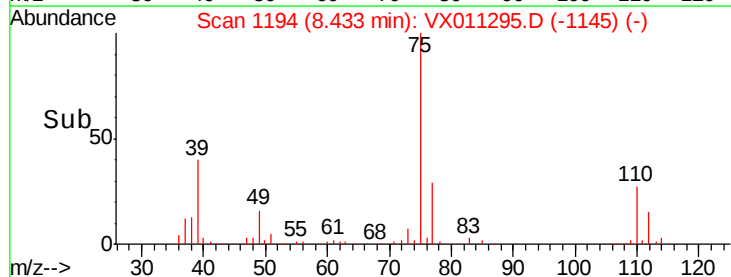
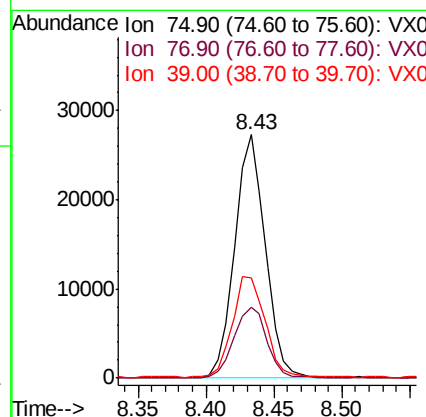
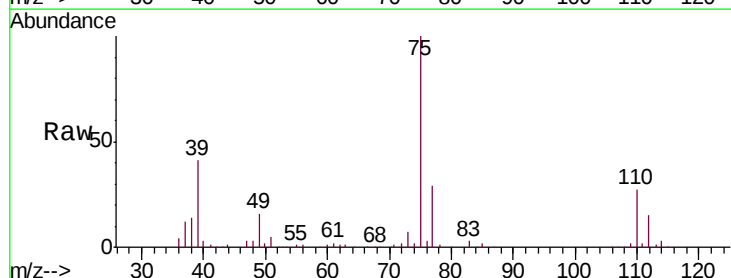
Instrument :
 MSVOA_N
 ClientSampleId :
 VX0802MBS01

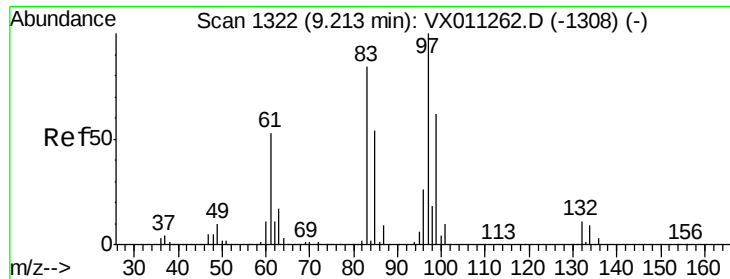
Tgt Ion: 75 Resp: 36577
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.776 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011295.D
 Acq: 02 Aug 2019 11:26

Tgt Ion: 75 Resp: 42713
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.0 37.6
 39 40.8 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 19.489 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

VX0802MBS01

Tgt Ion: 97 Resp: 30603

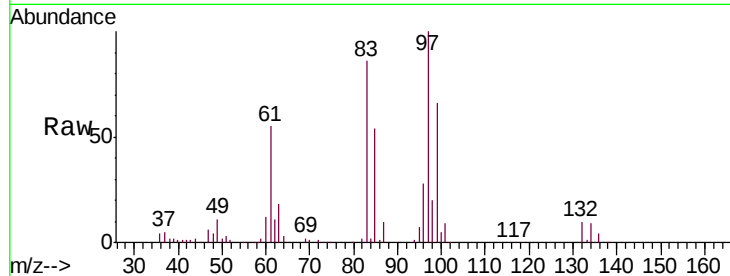
Ion Ratio Lower Upper

97 100

83 86.1 67.6 101.4

85 54.1 43.4 65.0

99 65.7 49.6 74.4

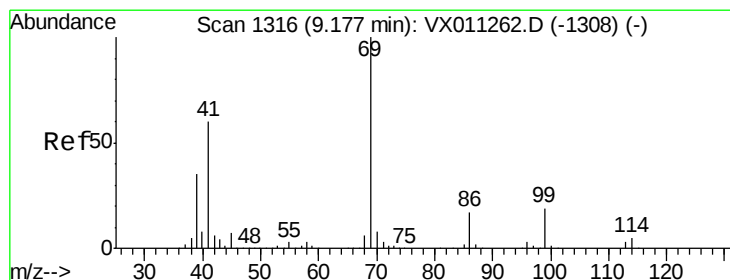
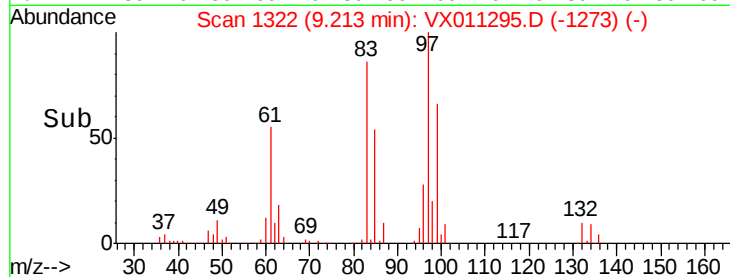
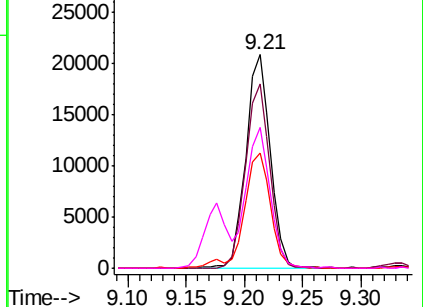


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.577 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

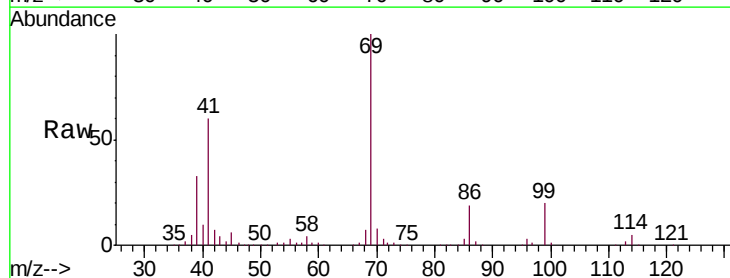
Tgt Ion: 69 Resp: 43808

Ion Ratio Lower Upper

69 100

41 62.2 48.6 73.0

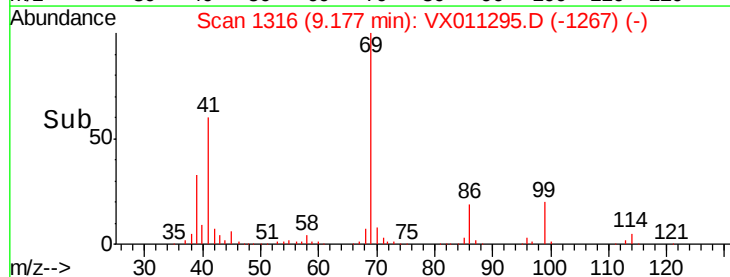
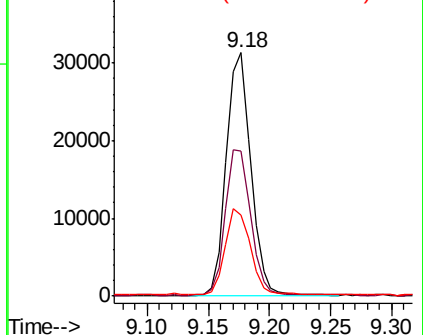
39 35.9 29.4 44.2

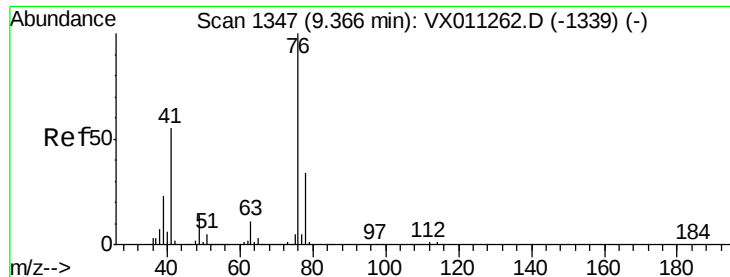


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.555 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

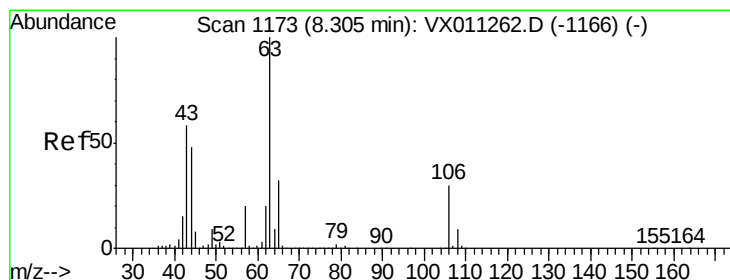
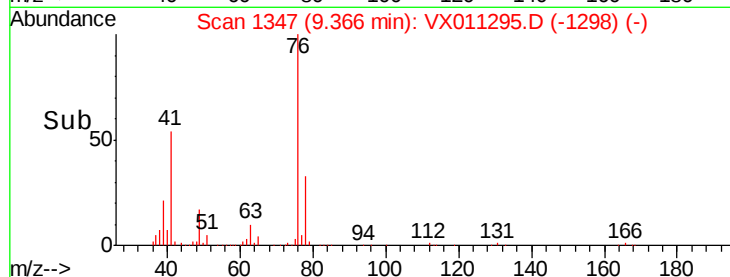
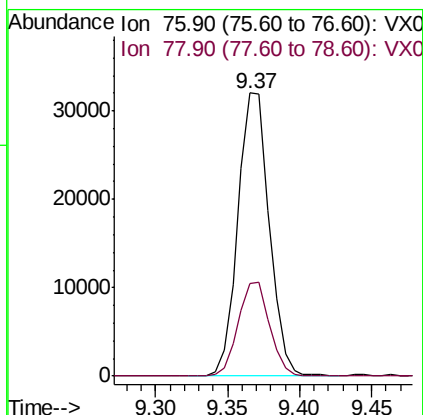
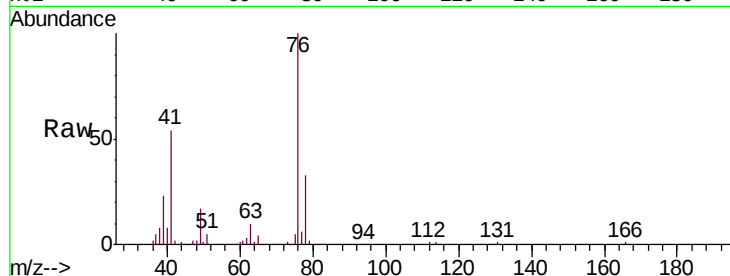
VX0802MBS01

Tgt Ion: 76 Resp: 48562

Ion Ratio Lower Upper

76 100

78 33.1 26.6 40.0



#58

2-Chloroethyl Vinyl ether

Concen: 90.641 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011295.D

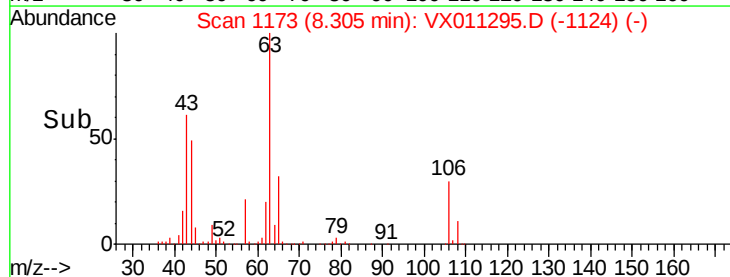
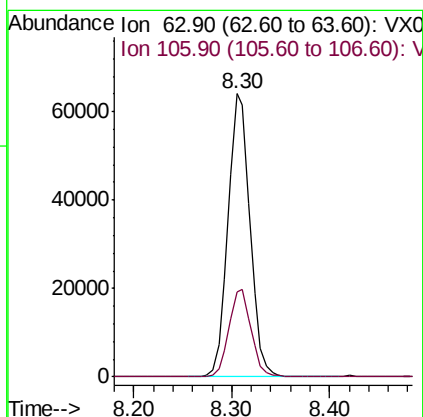
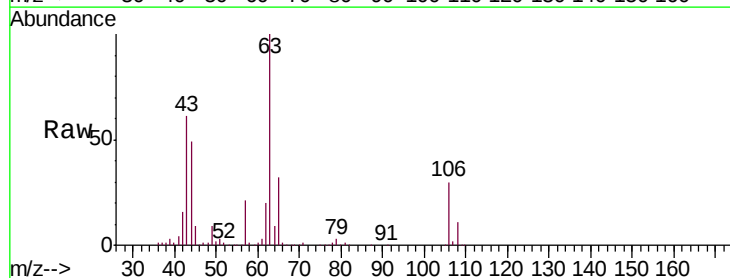
Acq: 02 Aug 2019 11:26

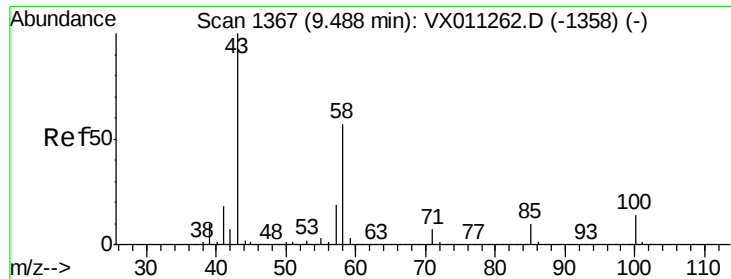
Tgt Ion: 63 Resp: 99730

Ion Ratio Lower Upper

63 100

106 31.1 24.4 36.6

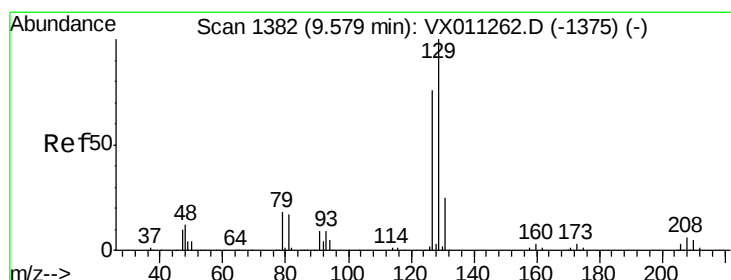
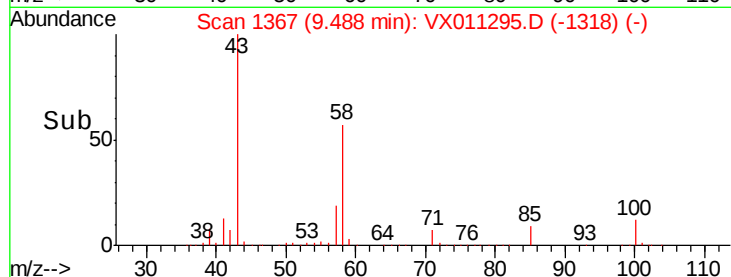
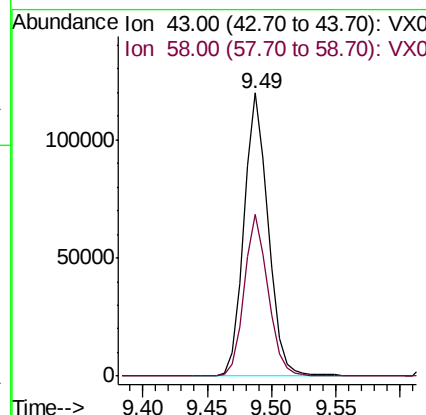
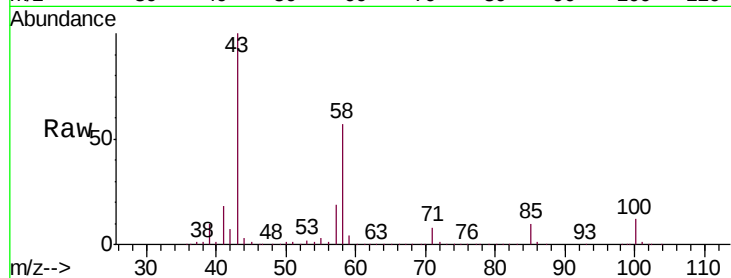




#59
2-Hexanone
Concen: 100.148 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011295.D
Acq: 02 Aug 2019 11:26

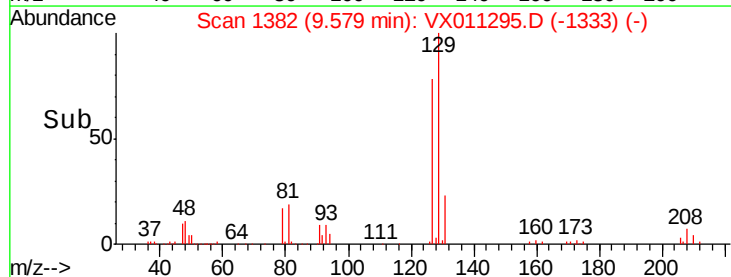
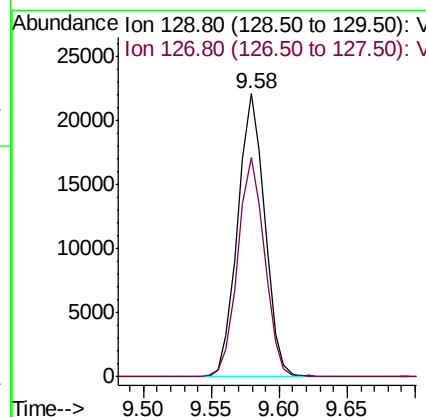
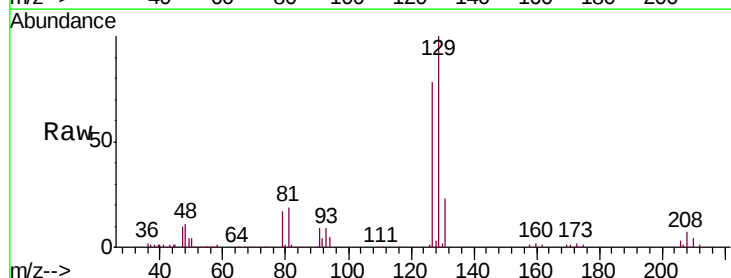
Instrument :
MSVOA_N
ClientSampleId :
VX0802MBS01

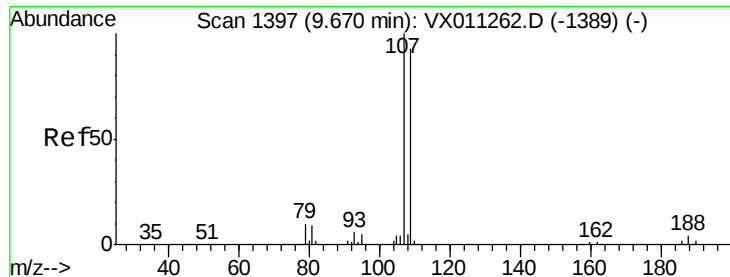
Tgt Ion: 43 Resp: 155406
Ion Ratio Lower Upper
43 100
58 56.4 28.2 84.6



#60
Dibromochloromethane
Concen: 19.128 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011295.D
Acq: 02 Aug 2019 11:26

Tgt Ion: 129 Resp: 30751
Ion Ratio Lower Upper
129 100
127 76.9 39.2 117.6





#61

1,2-Dibromoethane

Concen: 19.760 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

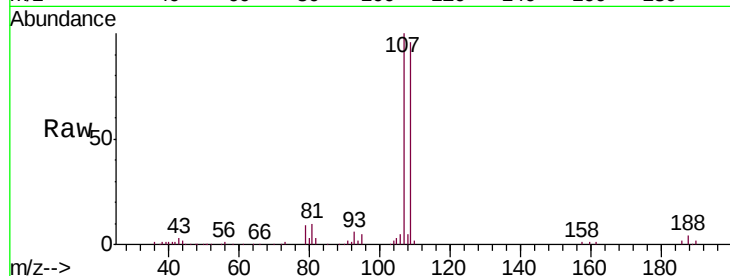
VX0802MBS01

Tgt Ion: 107 Resp: 33524

Ion Ratio Lower Upper

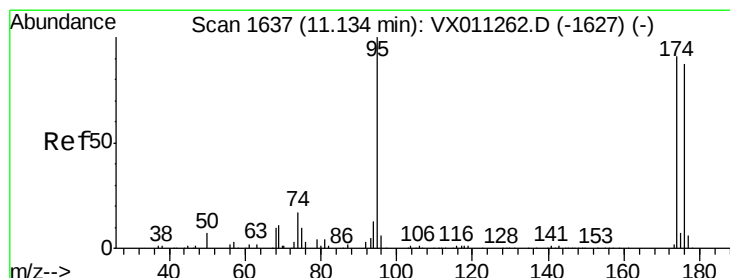
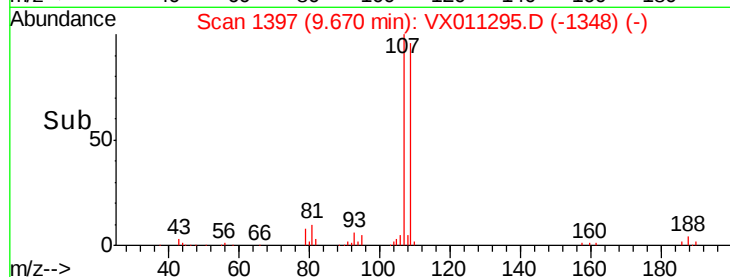
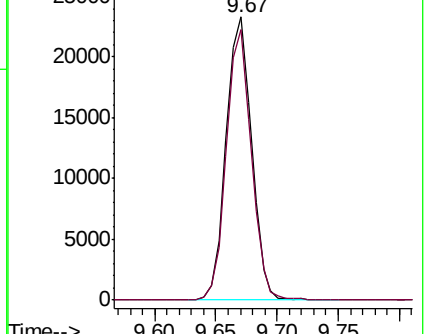
107 100

109 93.9 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.702 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

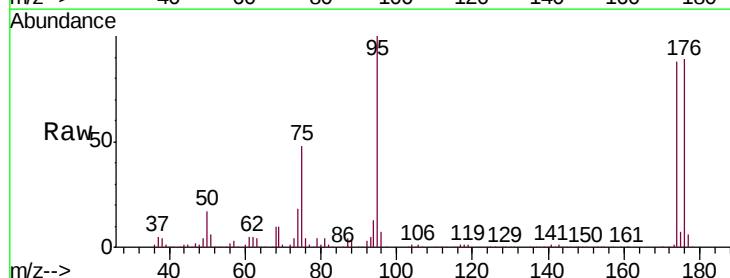
Tgt Ion: 95 Resp: 87203

Ion Ratio Lower Upper

95 100

174 96.7 0.0 191.2

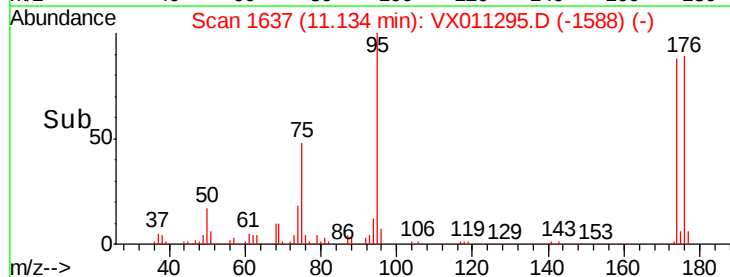
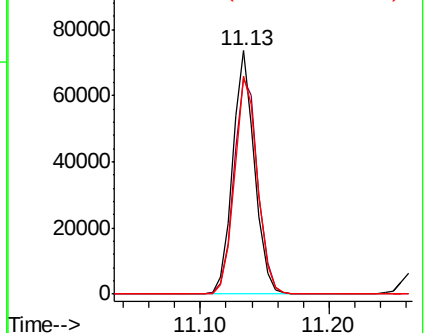
176 93.5 0.0 184.8

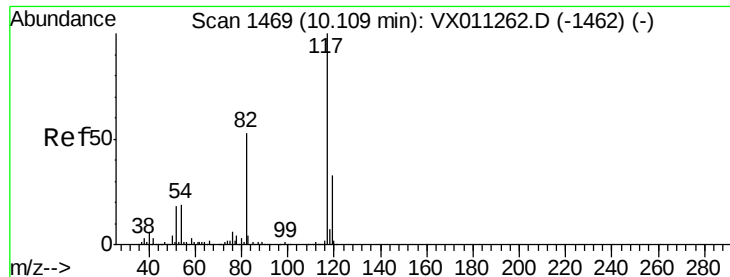


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

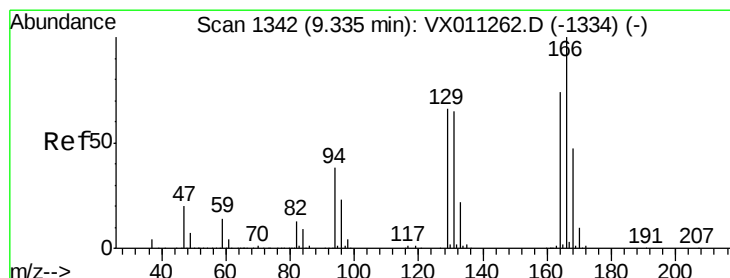
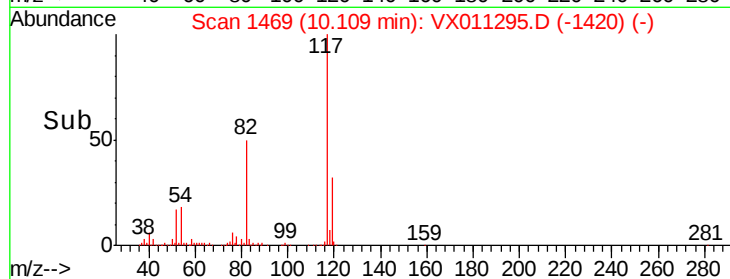
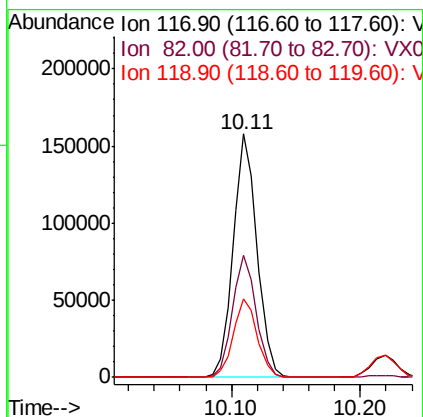
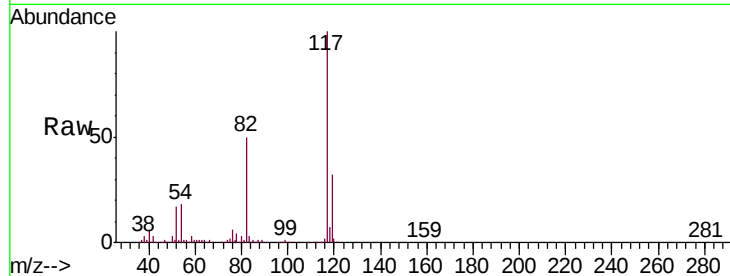




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011295.D
Acq: 02 Aug 2019 11:26

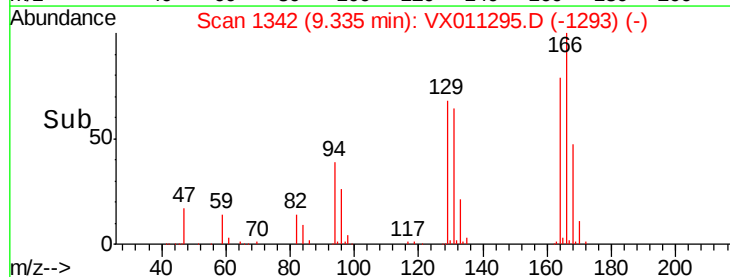
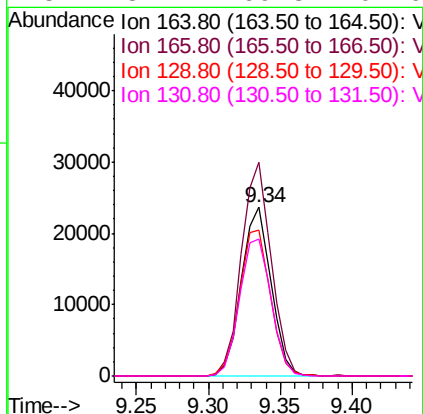
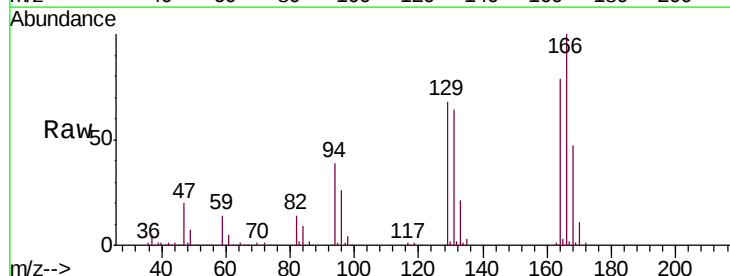
Instrument :
MSVOA_N
ClientSampleId :
VX0802MBS01

Tgt Ion:117 Resp: 203269
Ion Ratio Lower Upper
117 100
82 50.0 42.2 63.2
119 32.3 26.6 39.8



#64
Tetrachloroethene
Concen: 19.633 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011295.D
Acq: 02 Aug 2019 11:26

Tgt Ion:164 Resp: 33891
Ion Ratio Lower Upper
164 100
166 126.5 107.5 161.3
129 86.6 71.0 106.4
131 81.2 69.8 104.6

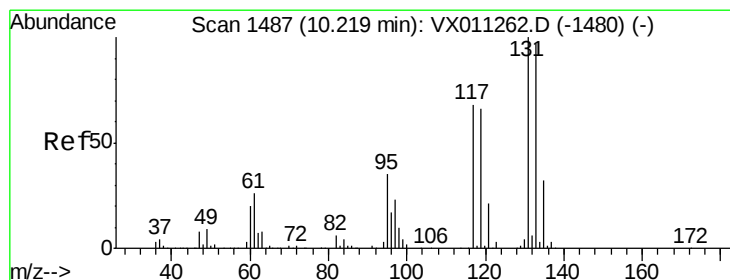
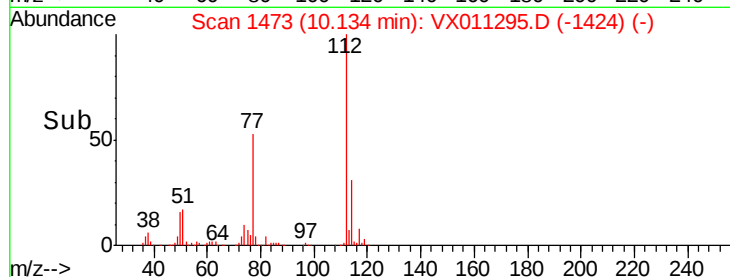
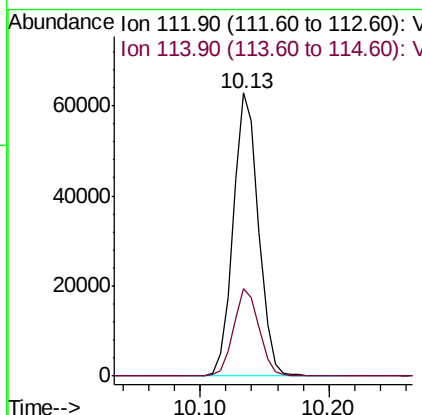
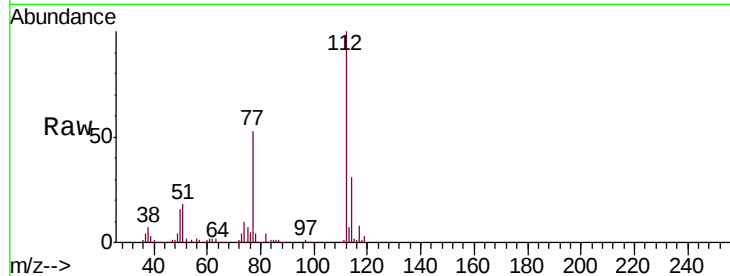




#65
Chlorobenzene
Concen: 19.656 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011295.D
Acq: 02 Aug 2019 11:26

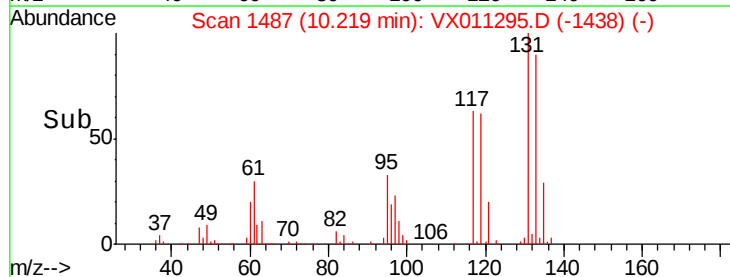
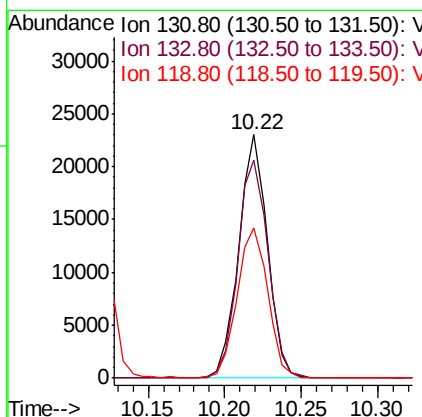
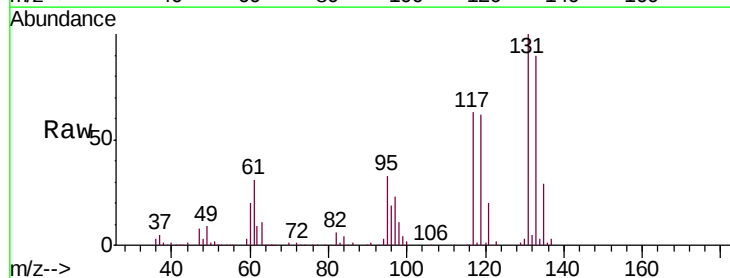
Instrument :
MSVOA_N
ClientSampleId :
VX0802MBS01

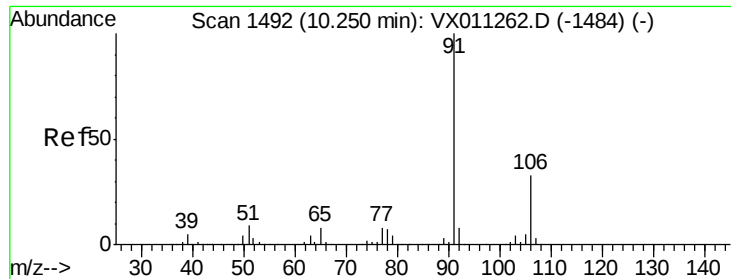
Tgt Ion:112 Resp: 85670
Ion Ratio Lower Upper
112 100
114 31.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.100 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011295.D
Acq: 02 Aug 2019 11:26

Tgt Ion:131 Resp: 29991
Ion Ratio Lower Upper
131 100
133 94.7 47.7 143.1
119 66.0 32.8 98.3





#67

Ethyl Benzene

Concen: 19.349 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

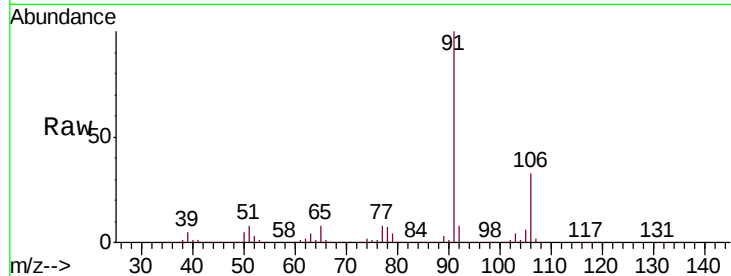
VX0802MBS01

Tgt Ion: 91 Resp: 141230

Ion Ratio Lower Upper

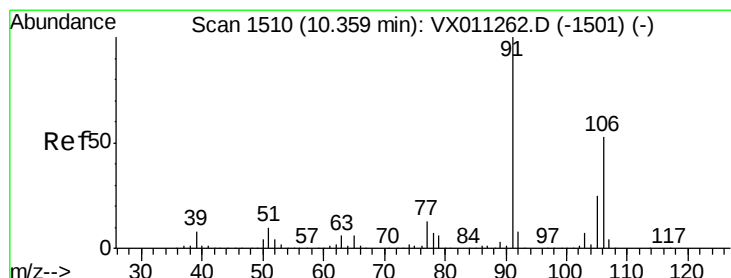
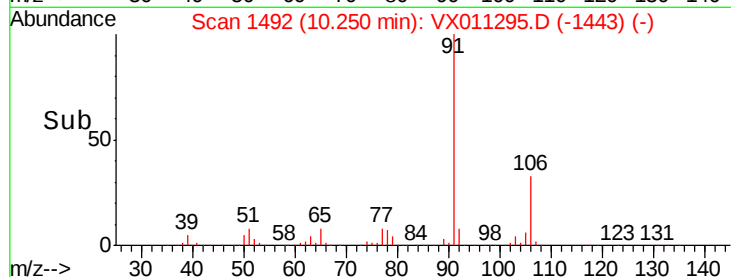
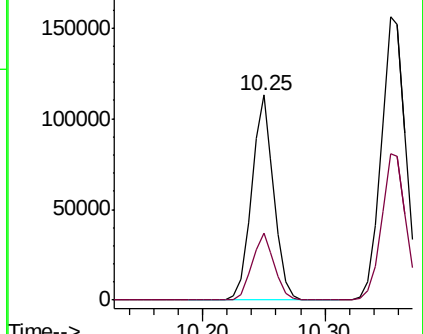
91 100

106 32.8 26.2 39.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.614 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011295.D

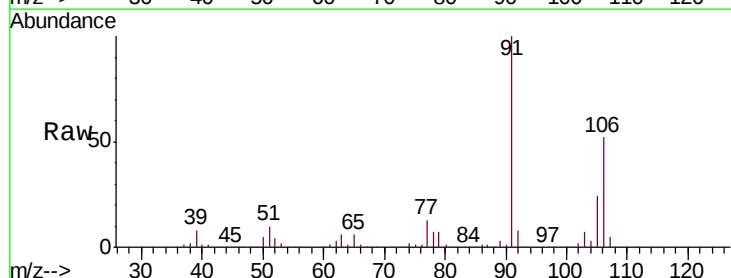
Acq: 02 Aug 2019 11:26

Tgt Ion: 106 Resp: 111841

Ion Ratio Lower Upper

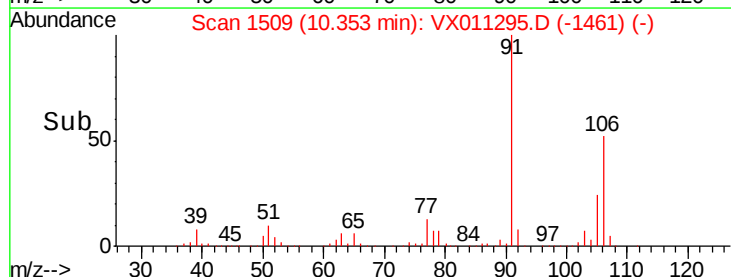
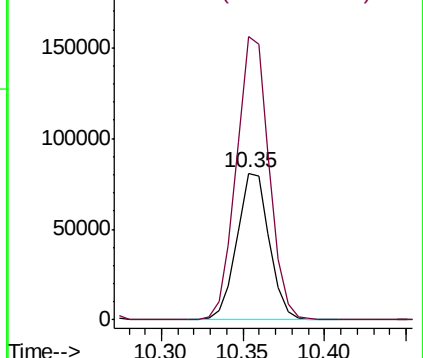
106 100

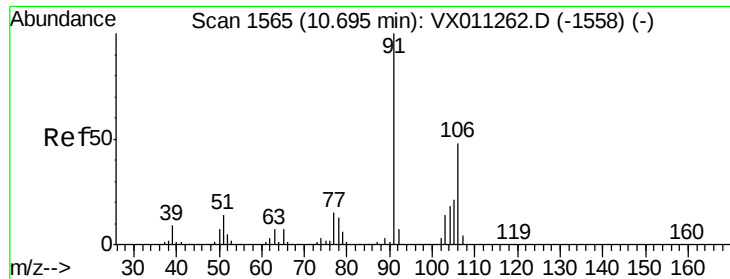
91 194.9 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

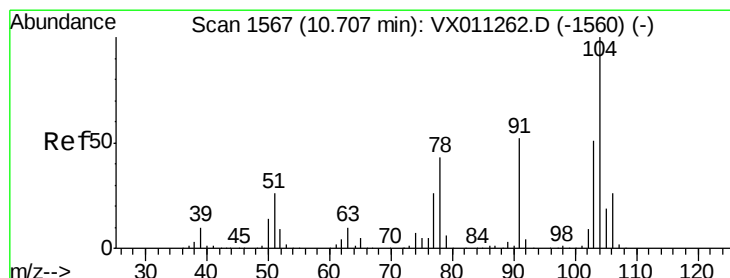
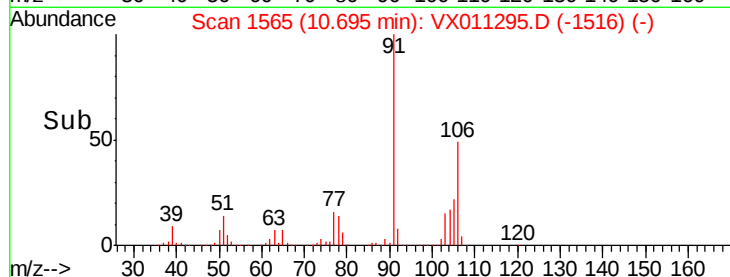
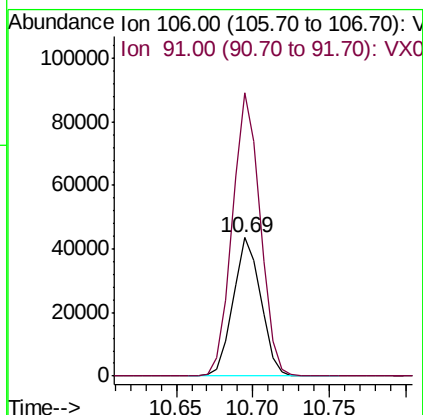
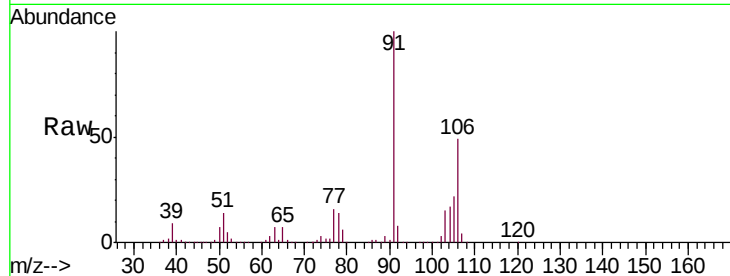




#69
o-Xylene
Concen: 19.716 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011295.D
Acq: 02 Aug 2019 11:26

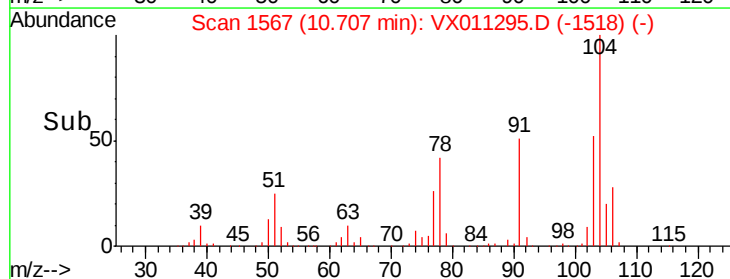
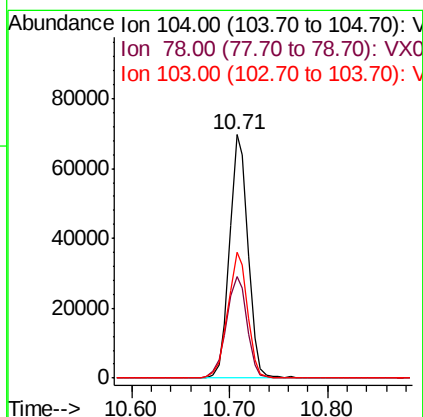
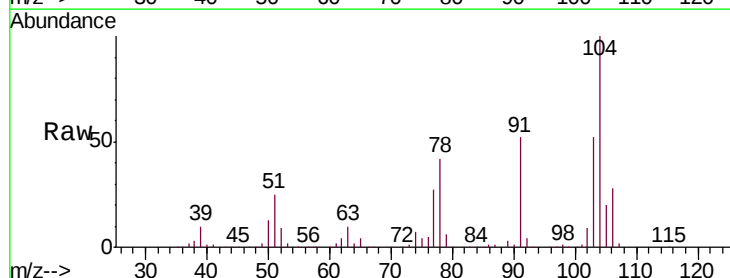
Instrument :
MSVOA_N
ClientSampleId :
VX0802MBS01

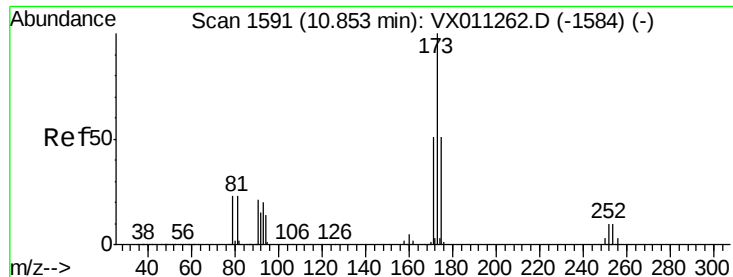
Tgt Ion:106 Resp: 54691
Ion Ratio Lower Upper
106 100
91 205.6 103.8 311.3



#70
Styrene
Concen: 19.889 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011295.D
Acq: 02 Aug 2019 11:26

Tgt Ion:104 Resp: 91292
Ion Ratio Lower Upper
104 100
78 46.7 36.9 55.3
103 55.6 44.4 66.6

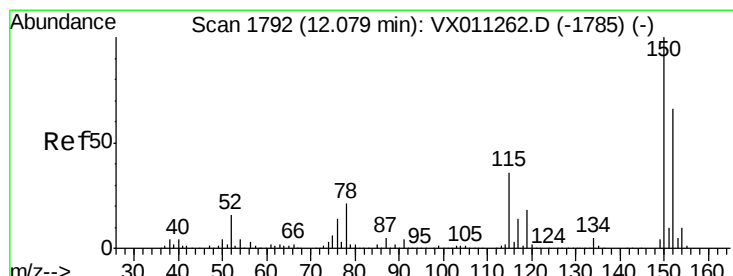
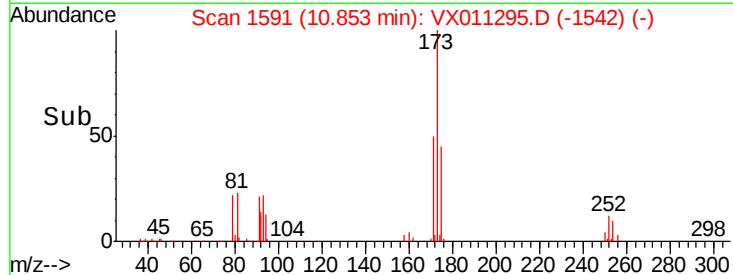
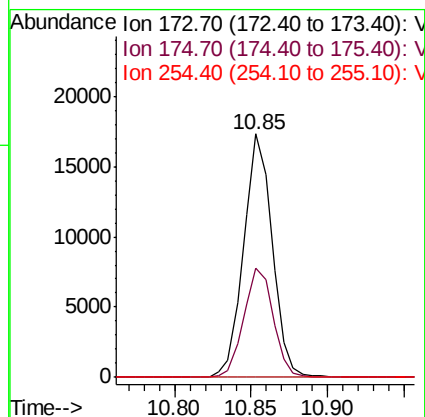
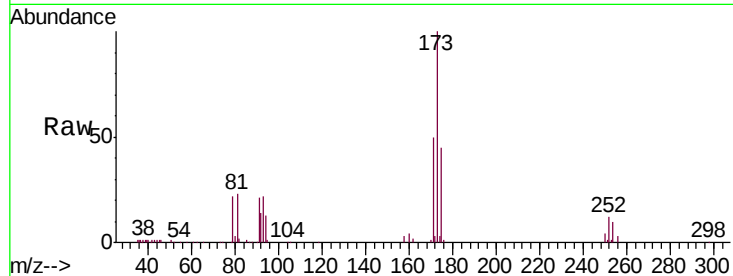




#71
Bromoform
Concen: 18.728 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011295.D
Acq: 02 Aug 2019 11:26

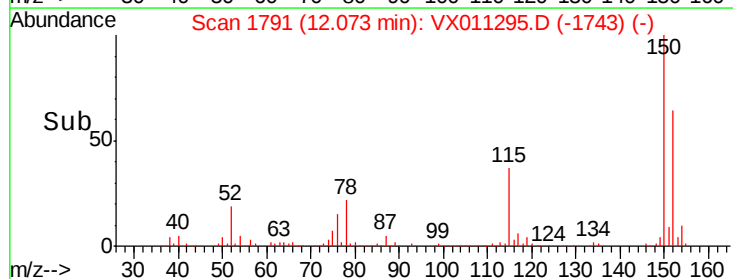
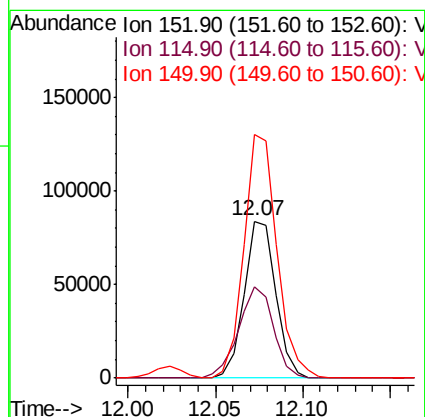
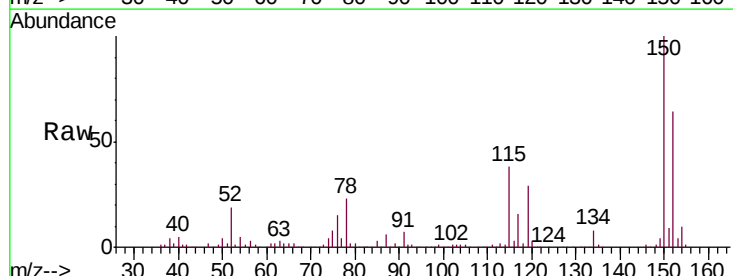
Instrument :
MSVOA_N
ClientSampleId :
VX0802MBS01

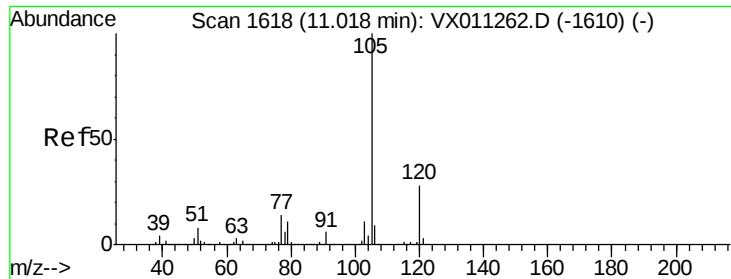
Tgt Ion:173 Resp: 22477
Ion Ratio Lower Upper
173 100
175 46.4 24.4 73.4
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011295.D
Acq: 02 Aug 2019 11:26

Tgt Ion:152 Resp: 105377
Ion Ratio Lower Upper
152 100
115 64.4 40.0 119.9
150 162.4 0.0 350.4





#73

Isopropylbenzene

Concen: 20.067 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

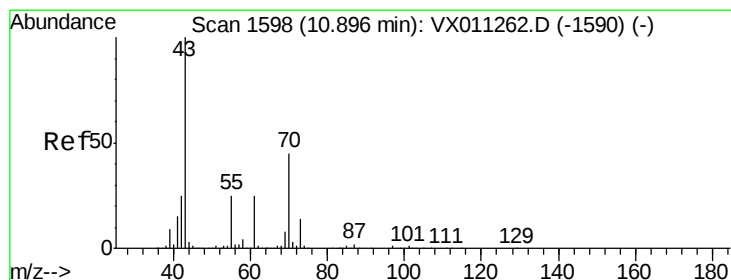
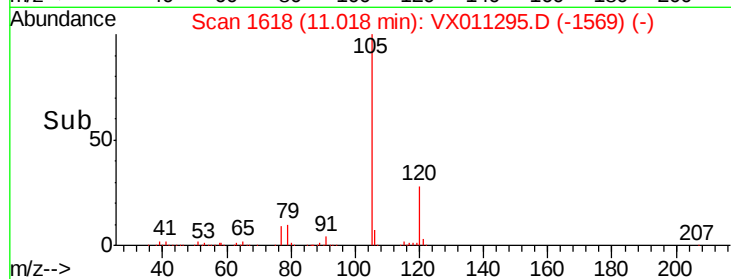
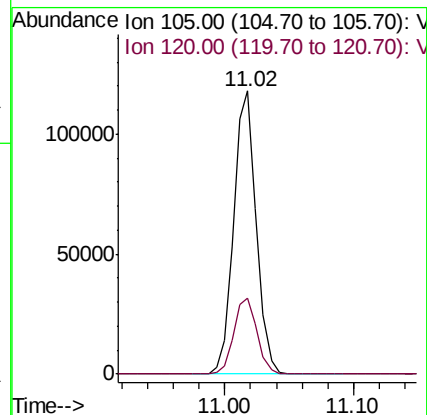
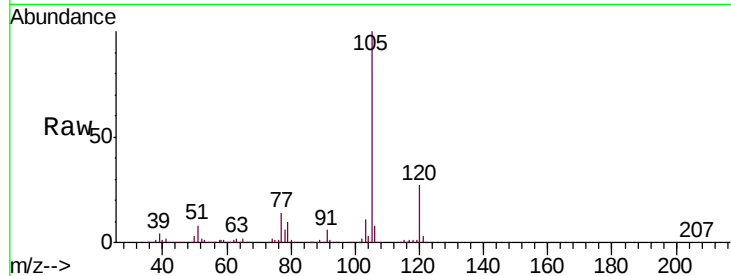
VX0802MBS01

Tgt Ion: 105 Resp: 144623

Ion Ratio Lower Upper

105 100

120 27.7 13.7 41.1



#74

N-ethyl acetate

Concen: 20.606 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

Tgt Ion: 43 Resp: 53660

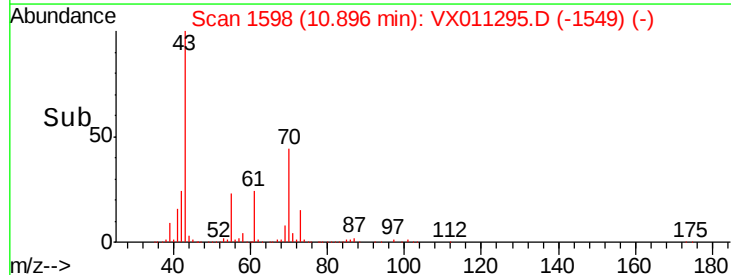
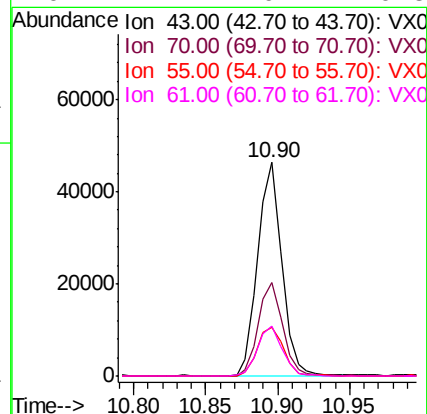
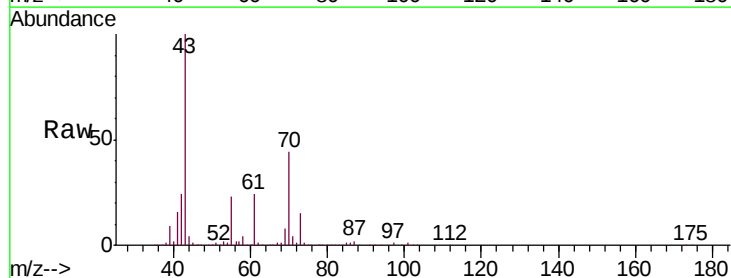
Ion Ratio Lower Upper

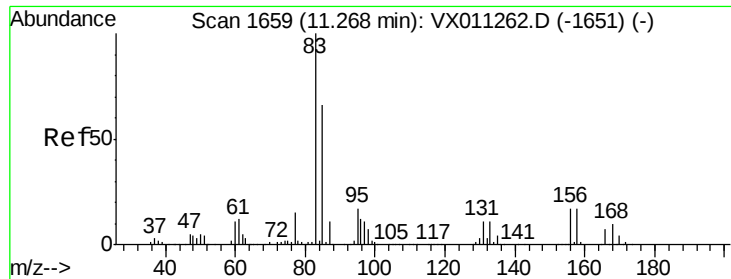
43 100

70 44.3 35.9 53.9

55 25.0 19.8 29.6

61 24.4 19.7 29.5

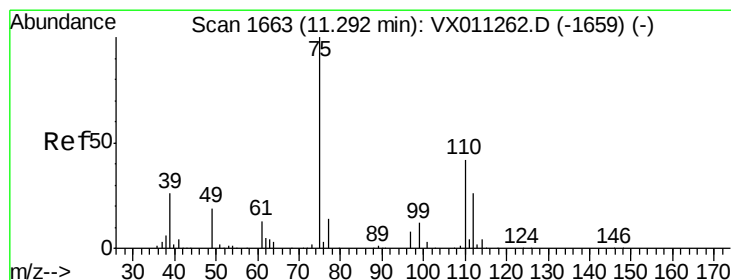
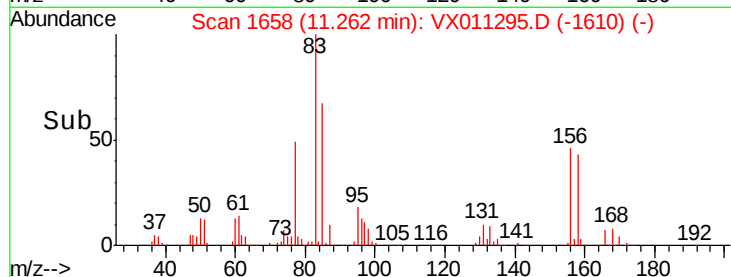
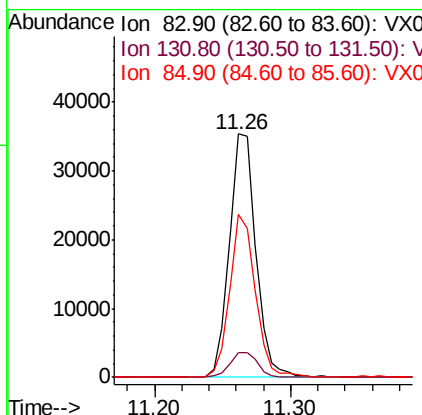
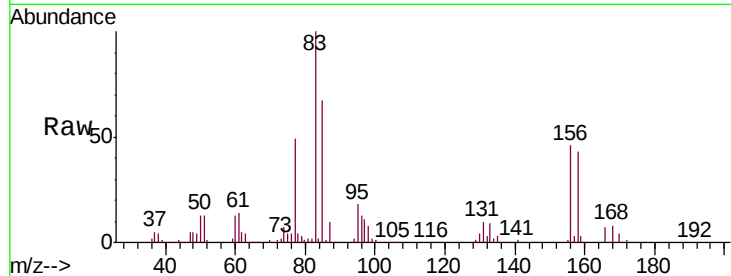




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.048 ug/l
 RT: 11.26 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: VX011295.D
 Acq: 02 Aug 2019 11:26

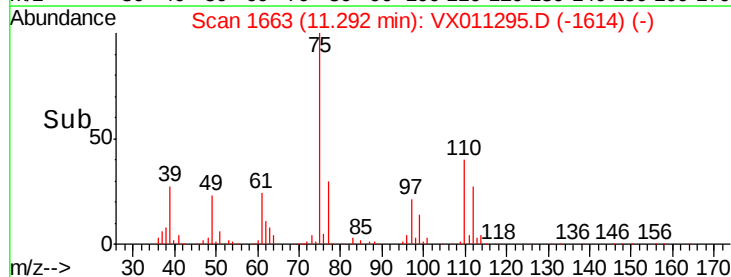
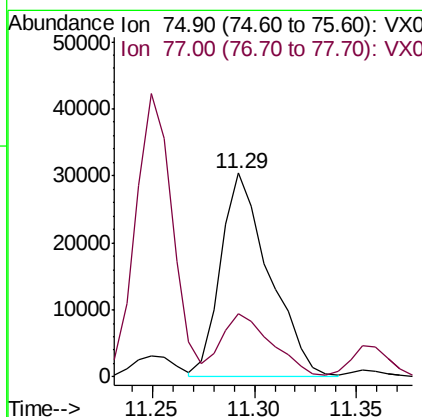
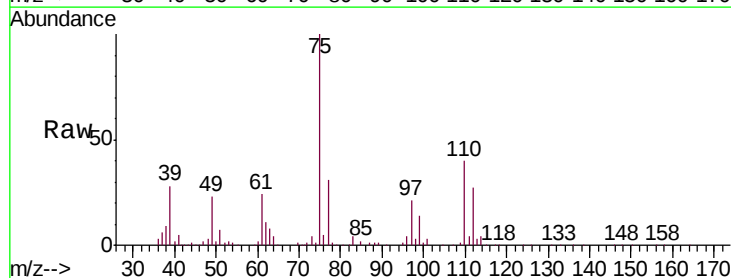
Instrument :
 MSVOA_N
 ClientSampleId :
 VX0802MBS01

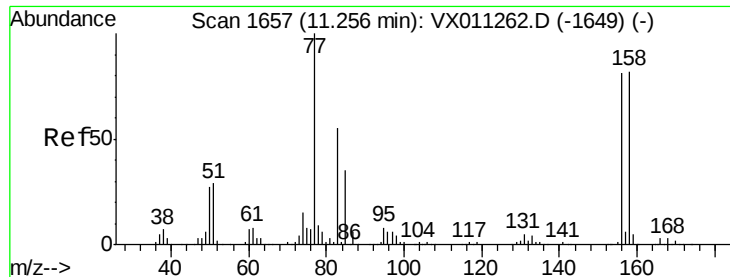
Tgt Ion: 83 Resp: 48151
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.6 16.8
 85 64.9 32.1 96.5



#76
 1,2,3-Trichloropropane
 Concen: 26.044 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX011295.D
 Acq: 02 Aug 2019 11:26

Tgt Ion: 75 Resp: 49980
 Ion Ratio Lower Upper
 75 100
 77 32.3 21.1 63.4





#77

Bromobenzene

Concen: 19.779 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

Instrument :

MSVOA_N

ClientSampled :

VX0802MBS01

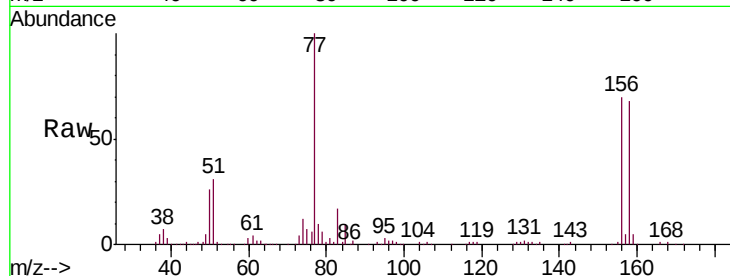
Tgt Ion:156 Resp: 39528

Ion Ratio Lower Upper

156 100

77 134.1 66.2 198.6

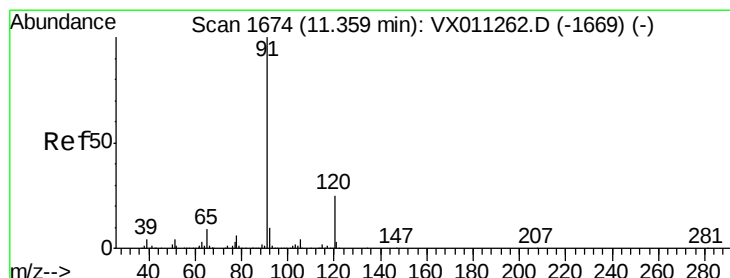
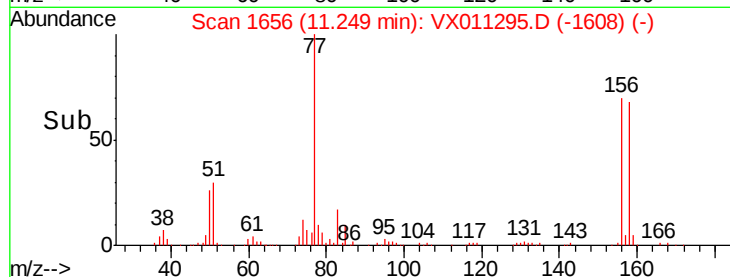
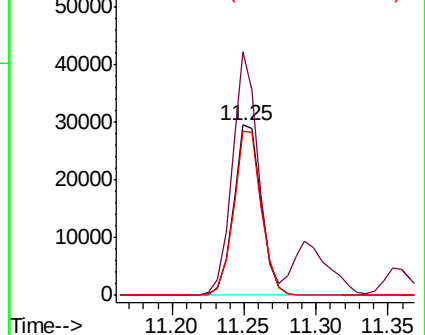
158 96.6 49.1 147.3



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: 20.090 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011295.D

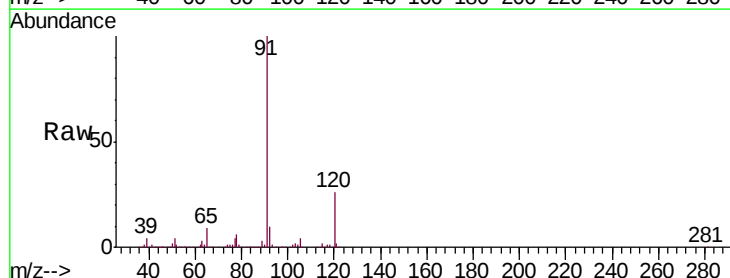
Acq: 02 Aug 2019 11:26

Tgt Ion: 91 Resp: 161014

Ion Ratio Lower Upper

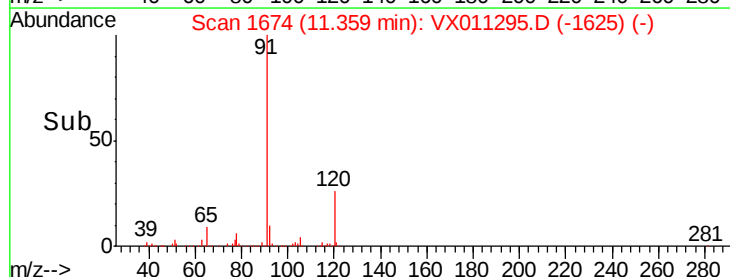
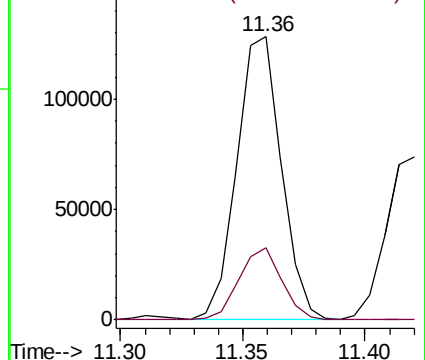
91 100

120 24.8 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: 19.815 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

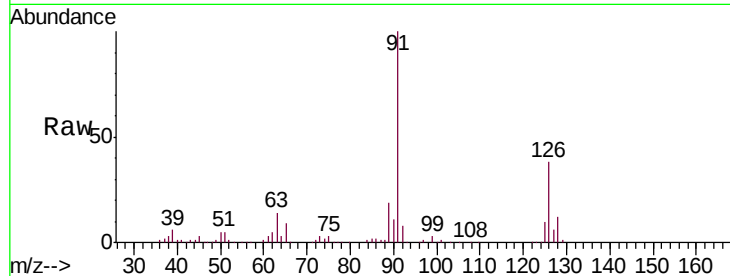
VX0802MBS01

Tgt Ion: 91 Resp: 94655

Ion Ratio Lower Upper

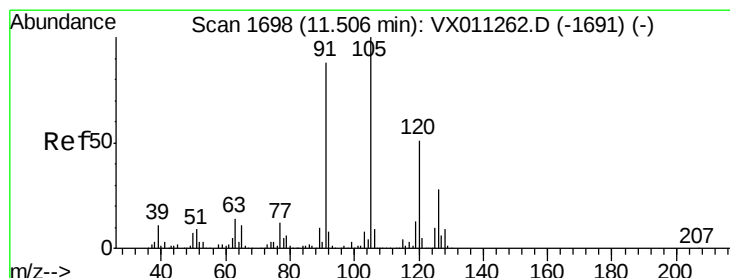
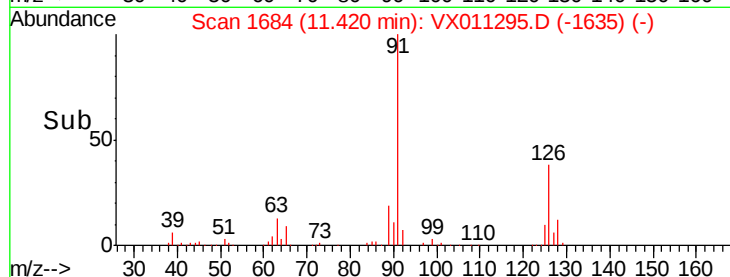
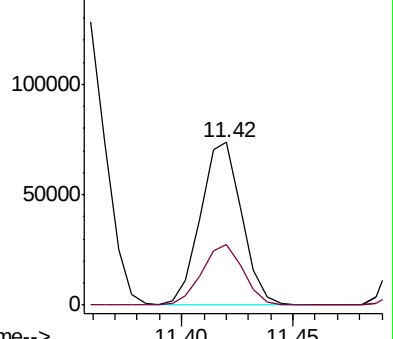
91 100

126 37.5 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: 19.963 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011295.D

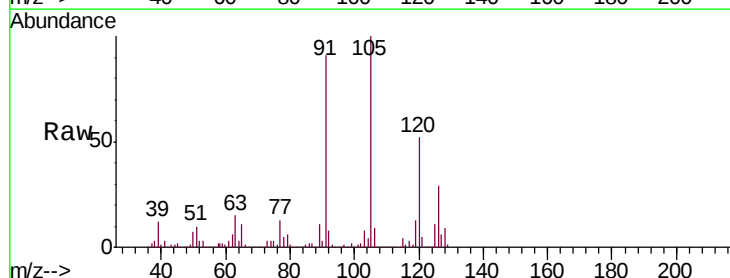
Acq: 02 Aug 2019 11:26

Tgt Ion: 105 Resp: 120435

Ion Ratio Lower Upper

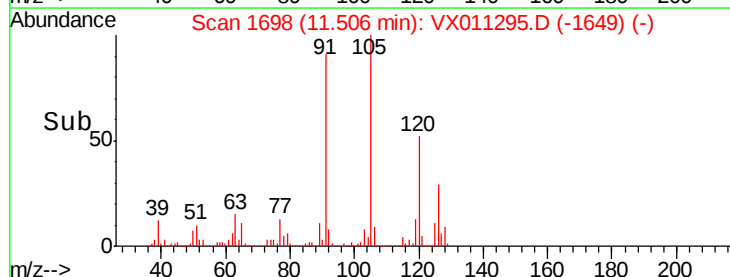
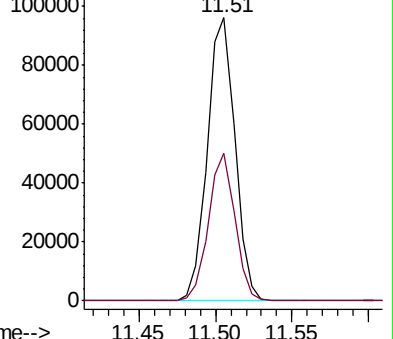
105 100

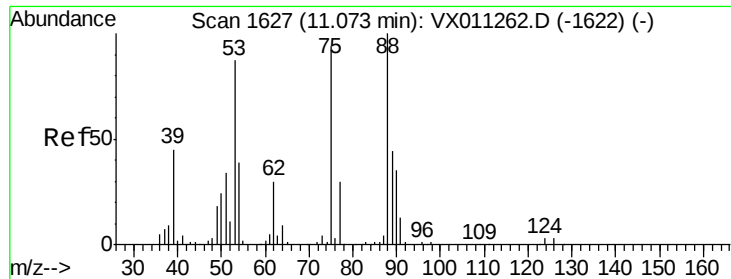
120 50.0 25.1 75.2



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: 19.444 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011295.D

Acq: 02 Aug 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

VX0802MBS01

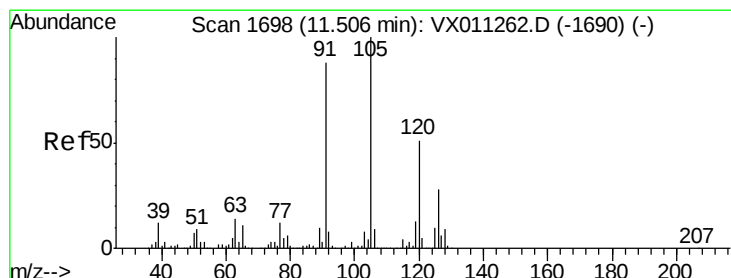
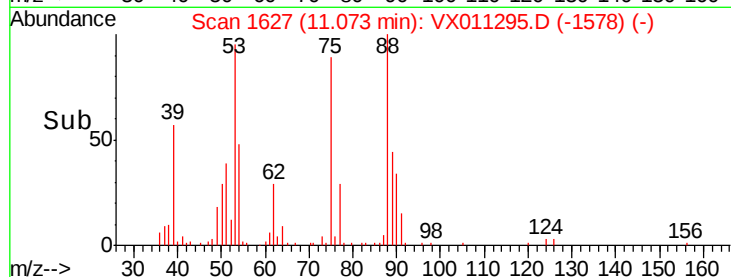
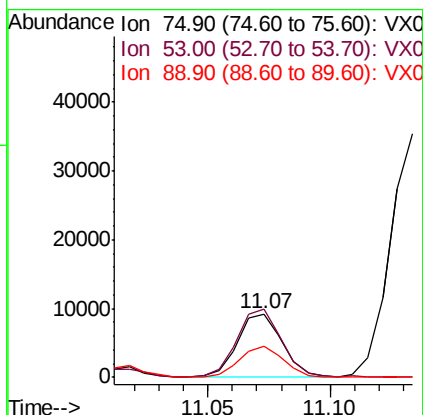
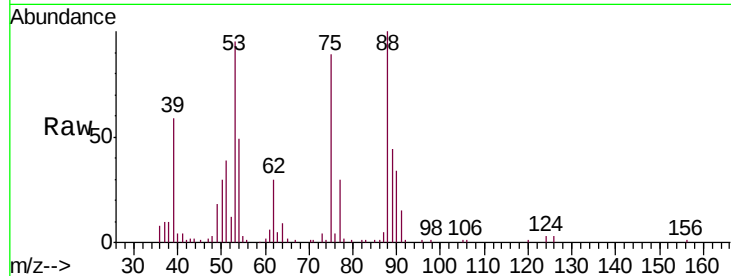
Tgt Ion: 75 Resp: 11787

Ion Ratio Lower Upper

75 100

53 104.6 78.2 117.4

89 48.0 37.9 56.9



#82

4-Chlorotoluene

Concen: 19.478 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011295.D

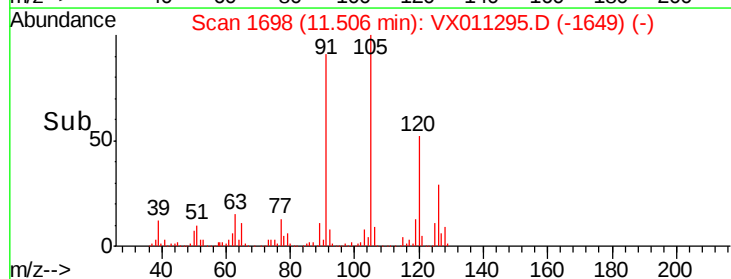
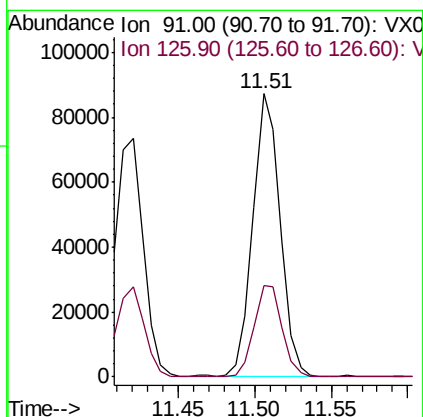
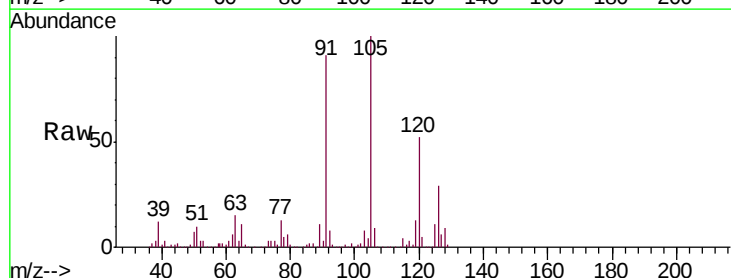
Acq: 02 Aug 2019 11:26

Tgt Ion: 91 Resp: 108441

Ion Ratio Lower Upper

91 100

126 33.0 16.4 49.2

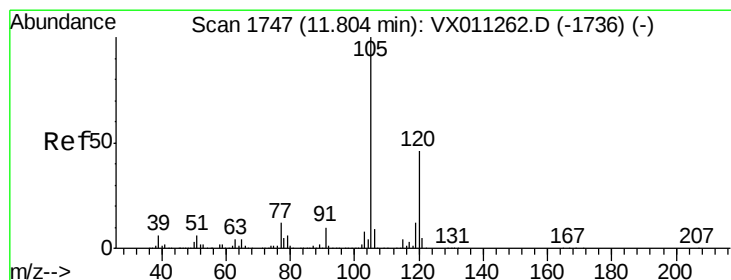
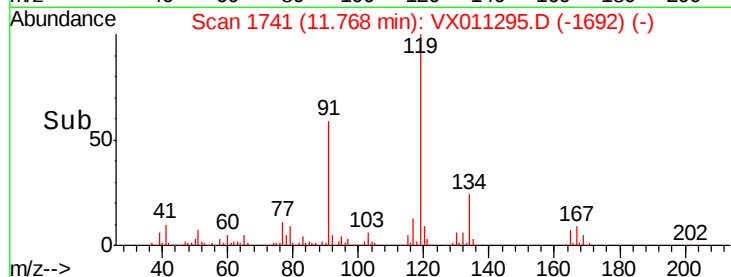
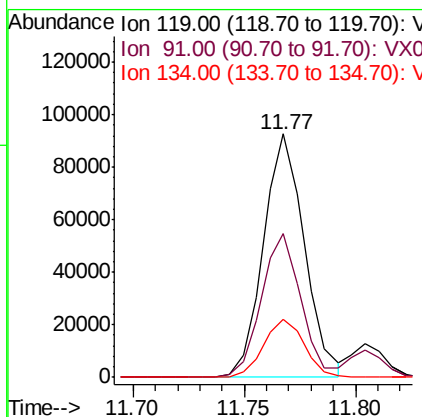
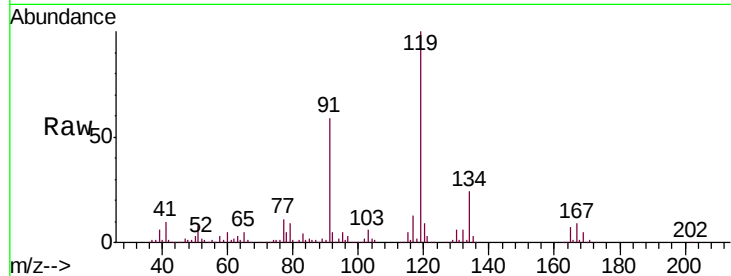




#83
 tert-Butylbenzene
 Concen: 19.989 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011295.D
 Acq: 02 Aug 2019 11:26

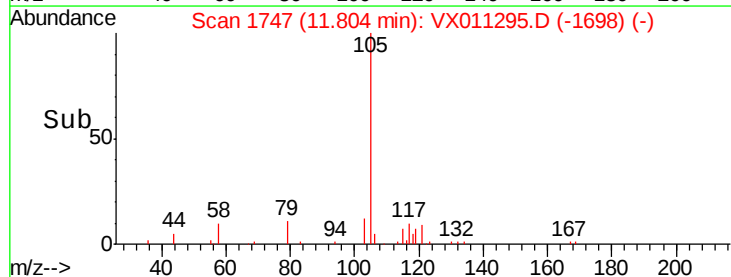
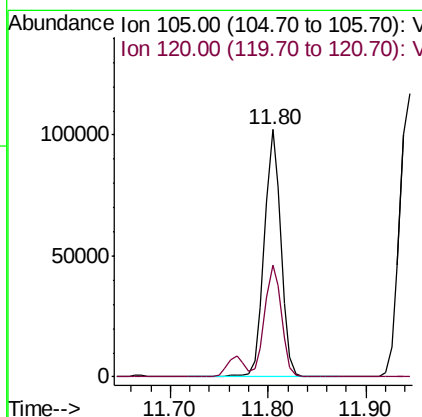
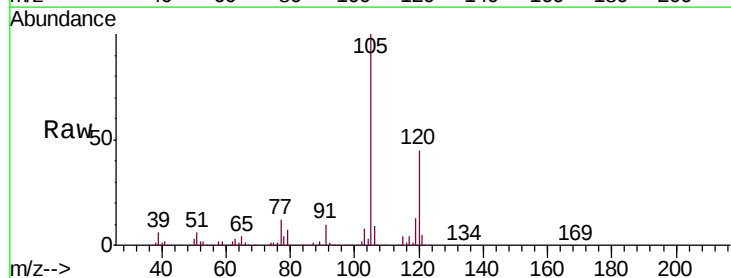
Instrument :
 MSVOA_N
 ClientSampleId :
 VX0802MBS01

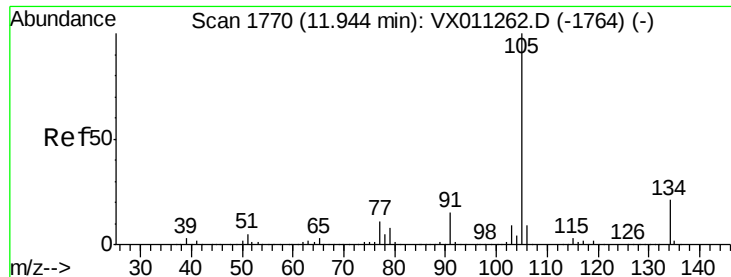
Tgt Ion:119 Resp: 118278
 Ion Ratio Lower Upper
 119 100
 91 57.2 28.0 84.0
 134 23.9 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.322 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011295.D
 Acq: 02 Aug 2019 11:26

Tgt Ion:105 Resp: 122067
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.0 69.0

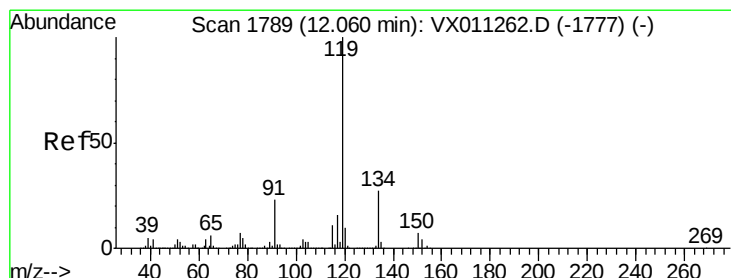
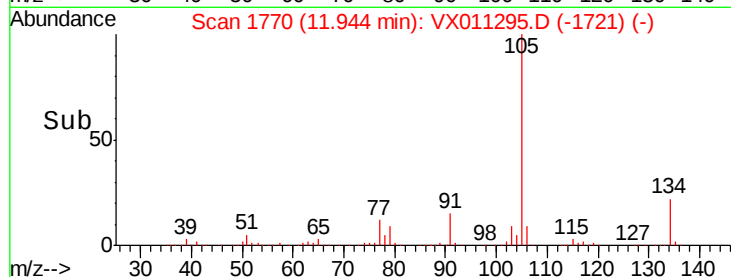
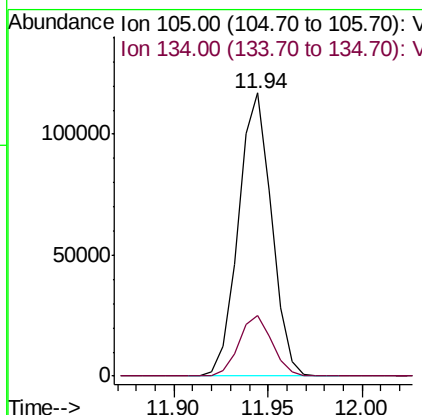
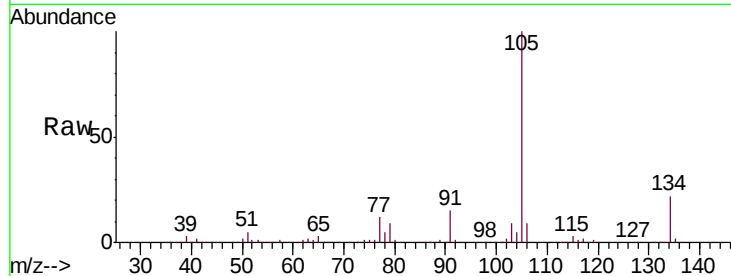




#85
 sec-Butylbenzene
 Concen: 20.084 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011295.D
 Acq: 02 Aug 2019 11:26

Instrument :
 MSVOA_N
 ClientSampled :
 VX0802MBS01

Tgt Ion:105 Resp: 142782
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 20.079 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011295.D
 Acq: 02 Aug 2019 11:26

Tgt Ion:119 Resp: 131323
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.7 41.0
 91 22.9 11.4 34.2

