

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112519\
 Data File : VX013582.D
 Acq On : 25 Nov 2019 15:37
 Operator : JC/SP
 Sample : VX1125WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBS01

Quant Time: Nov 25 16:24:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	621950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	965984	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	864853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	436289	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	365064	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
35) Dibromofluoromethane	5.48	113	306004	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	8.71	98	1130789	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.13	95	412534	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	106755	14.897	ug/l	100
3) Chloromethane	1.32	50	130443	16.785	ug/l	99
4) Vinyl Chloride	1.40	62	150812	17.046	ug/l	97
5) Bromomethane	1.63	94	90515	14.681	ug/l	97
6) Chloroethane	1.72	64	89462	16.901	ug/l	99
7) Trichlorofluoromethane	1.92	101	174642	16.708	ug/l	98
8) Diethyl Ether	2.18	74	86678	18.752	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	107512	18.454	ug/l	98
10) Methyl Iodide	2.50	142	120273	16.675	ug/l	99
11) Tert butyl alcohol	3.03	59	176198	90.727	ug/l	97
12) 1,1-Dichloroethene	2.37	96	108376	18.996	ug/l	98
13) Acrolein	2.28	56	146439	139.129	ug/l	95
14) Allyl chloride	2.72	41	200069	19.301	ug/l	95
15) Acrylonitrile	3.13	53	373961	103.085	ug/l	98
16) Acetone	2.43	43	346372	94.246	ug/l	99
17) Carbon Disulfide	2.56	76	236998	15.521	ug/l	99
18) Methyl Acetate	2.76	43	217500	21.436	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	404007	21.232	ug/l	96
20) Methylene Chloride	2.85	84	128129	18.869	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	113793	18.319	ug/l	93
22) Diisopropyl ether	3.84	45	430043	21.489	ug/l	98
23) Vinyl Acetate	3.80	43	1722660	100.596	ug/l	100
24) 1,1-Dichloroethane	3.69	63	225831	20.172	ug/l	99
25) 2-Butanone	4.65	43	535491	99.320	ug/l	98
26) 2,2-Dichloropropane	4.58	77	177871	19.972	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	140293	20.162	ug/l	98
28) Bromochloromethane	5.00	49	71218	22.405	ug/l	98
29) Tetrahydrofuran	5.11	42	325759	98.046	ug/l	98
30) Chloroform	5.20	83	227427	20.573	ug/l	97
31) Cyclohexane	5.56	56	172258	17.100	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	179445	18.862	ug/l	99
36) 1,1-Dichloropropene	5.79	75	151331	18.261	ug/l	99
37) Ethyl Acetate	4.82	43	197535	19.291	ug/l	98
38) Carbon Tetrachloride	5.78	117	148040	18.268	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112519\
 Data File : VX013582.D
 Acq On : 25 Nov 2019 15:37
 Operator : JC/SP
 Sample : VX1125WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBS01

Quant Time: Nov 25 16:24:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	178752	17.311	ug/l	99
40) Benzene	6.14	78	497533	19.274	ug/l	99
41) Methacrylonitrile	5.03	41	116528	20.303	ug/l	97
42) 1,2-Dichloroethane	6.18	62	182092	19.556	ug/l	100
43) Isopropyl Acetate	6.43	43	323734	20.303	ug/l	100
44) Trichloroethene	7.21	130	130455	18.360	ug/l	97
45) 1,2-Dichloropropane	7.51	63	135152	20.549	ug/l	99
46) Dibromomethane	7.65	93	87096	19.395	ug/l	97
47) Bromodichloromethane	7.89	83	167043	19.726	ug/l	97
48) Methyl methacrylate	7.76	41	158286	19.886	ug/l	97
49) 1,4-Dioxane	7.73	88	66724	366.047	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1047938	100.171	ug/l	100
52) Toluene	8.78	92	310041	19.379	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	185030	19.982	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	207525	20.035	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	134091	20.220	ug/l	97
56) Ethyl methacrylate	9.17	69	213116	19.799	ug/l	96
57) 1,3-Dichloropropane	9.37	76	226429	20.114	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	463266	102.170	ug/l	100
59) 2-Hexanone	9.48	43	802638	99.282	ug/l	100
60) Dibromochloromethane	9.58	129	135307	19.950	ug/l	100
61) 1,2-Dibromoethane	9.67	107	137859	19.577	ug/l	98
64) Tetrachloroethene	9.33	164	114064	18.424	ug/l	98
65) Chlorobenzene	10.14	112	338634	19.340	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	129675	20.170	ug/l	100
67) Ethyl Benzene	10.25	91	577684	19.116	ug/l	98
68) m/p-Xylenes	10.35	106	440579	38.550	ug/l	100
69) o-Xylene	10.70	106	219682	19.634	ug/l	99
70) Styrene	10.71	104	371710	19.874	ug/l	99
71) Bromoform	10.85	173	101927	19.206	ug/l	100
73) Isopropylbenzene	11.01	105	576453	19.928	ug/l	100
74) N-amyl acetate	10.89	43	281603	20.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	218266	20.683	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	234915	26.509	ug/l	80
77) Bromobenzene	11.25	156	153957	19.965	ug/l	99
78) n-propylbenzene	11.35	91	636469	19.752	ug/l	99
79) 2-Chlorotoluene	11.42	91	393305	20.259	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	476967	19.796	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	65374	18.989	ug/l	99
82) 4-Chlorotoluene	11.51	91	445187	19.589	ug/l	99
83) tert-Butylbenzene	11.76	119	490475	20.222	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	488502	20.211	ug/l	99
85) sec-Butylbenzene	11.94	105	560536	20.109	ug/l	100
86) p-Isopropyltoluene	12.06	119	506875	19.747	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	268469	19.531	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	270749	19.332	ug/l	99
89) n-Butylbenzene	12.39	91	431364	19.259	ug/l	99
90) Hexachloroethane	12.59	117	88943	19.448	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	275232	20.031	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45574	17.726	ug/l	99

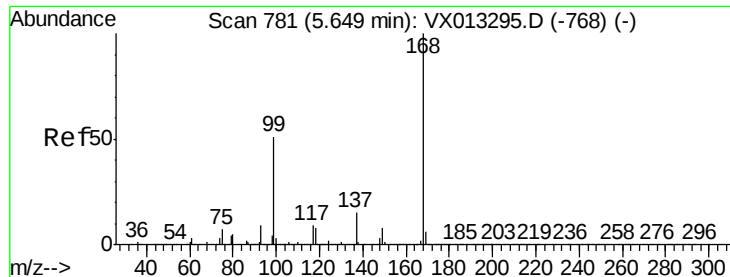
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Data File : VX013582.D
Acq On : 25 Nov 2019 15:37
Operator : JC/SP
Sample : VX1125WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

Quant Time: Nov 25 16:24:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	187807	19.595	ug/l	99
94) Hexachlorobutadiene	13.78	225	86559	18.460	ug/l	99
95) Naphthalene	13.83	128	604994	20.119	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	194750	20.261	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

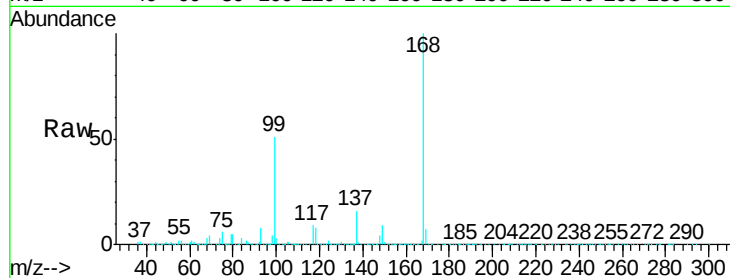
VX1125WBS01

Tgt Ion:168 Resp: 621950

Ion Ratio Lower Upper

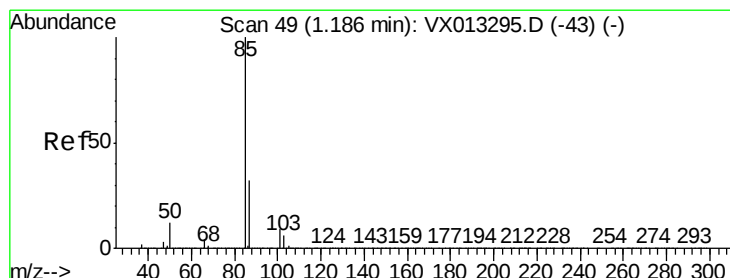
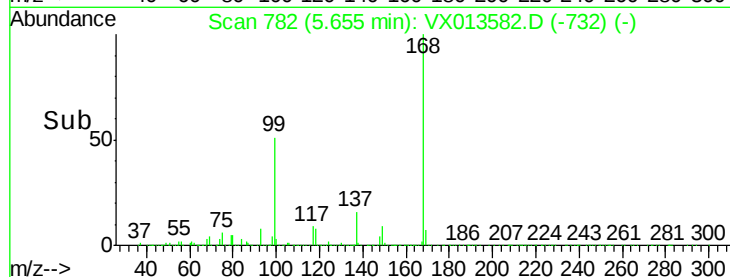
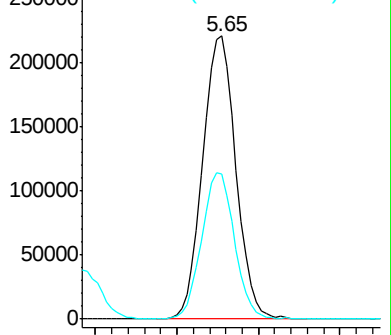
168 100

99 51.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 14.897 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013582.D

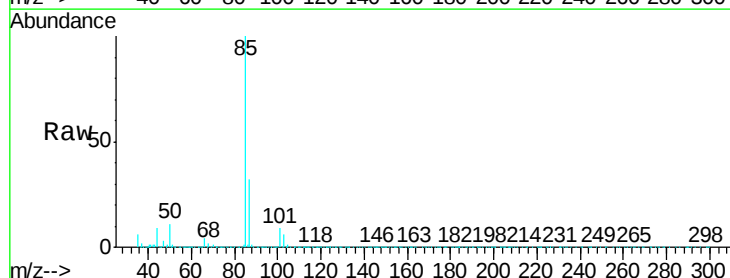
Acq: 25 Nov 2019 15:37

Tgt Ion: 85 Resp: 106755

Ion Ratio Lower Upper

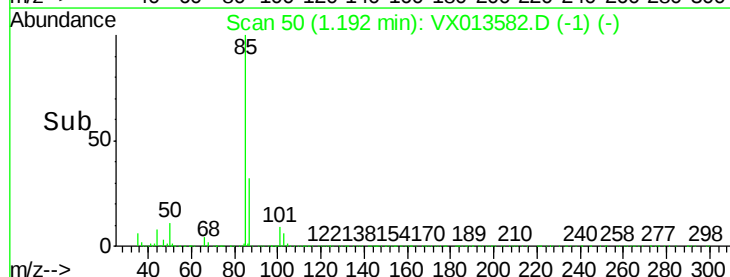
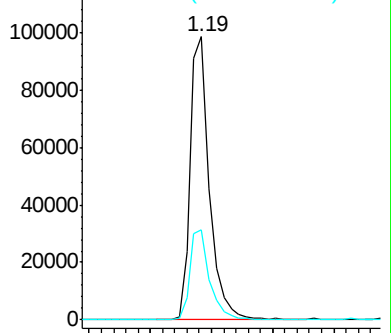
85 100

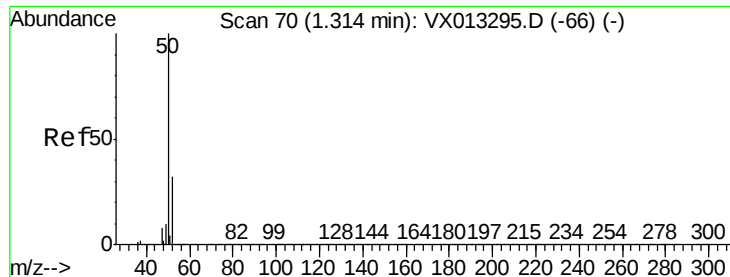
87 31.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

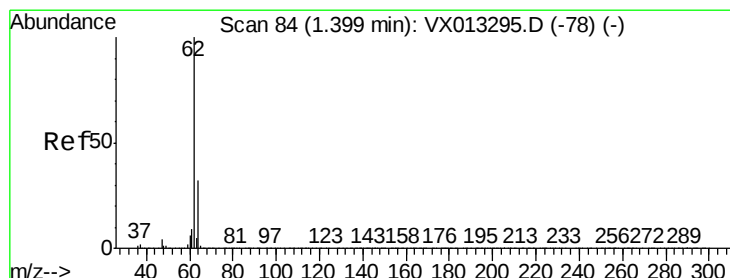
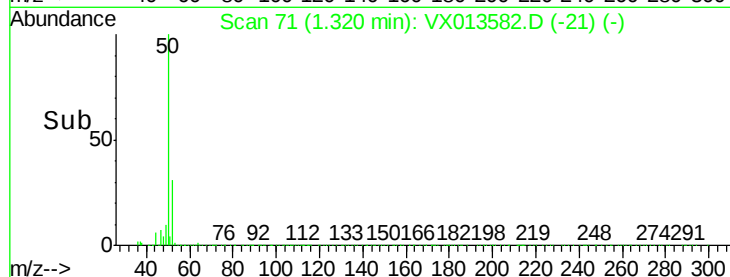
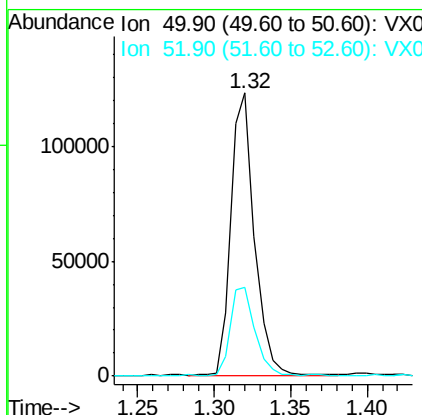
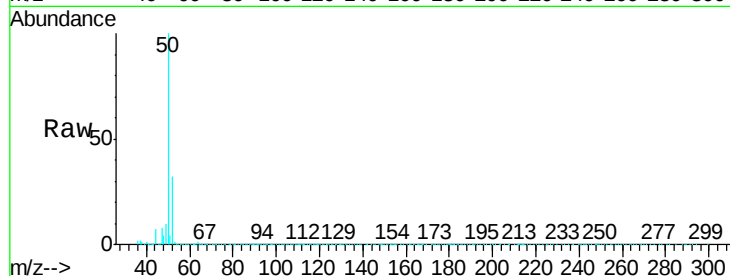




#3
Chloromethane
Concen: 16.785 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

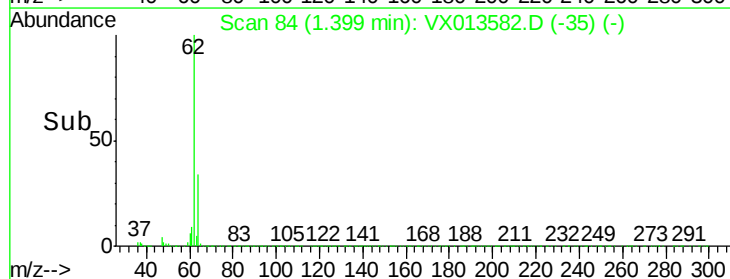
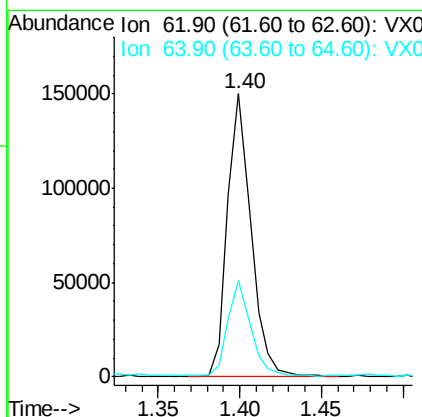
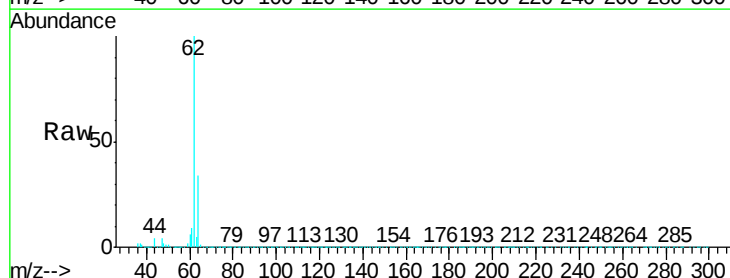
Instrument :
MSVOA_X
ClientSampled :
VX1125WBS01

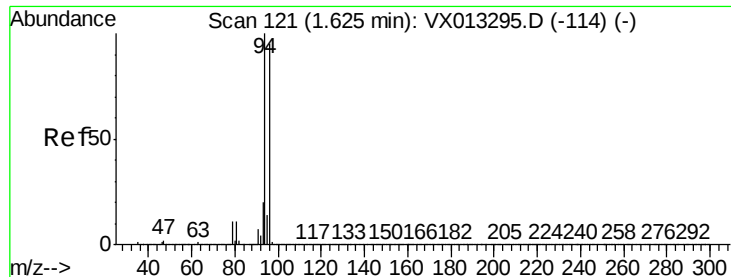
Tgt Ion: 50 Resp: 130443
Ion Ratio Lower Upper
50 100
52 31.4 25.5 38.3



#4
Vinyl Chloride
Concen: 17.046 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion: 62 Resp: 150812
Ion Ratio Lower Upper
62 100
64 33.6 25.6 38.4





#5

Bromomethane

Concen: 14.681 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

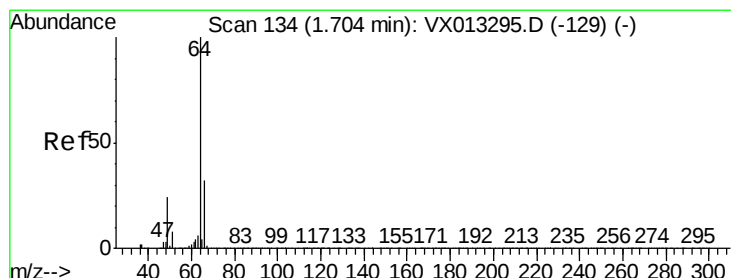
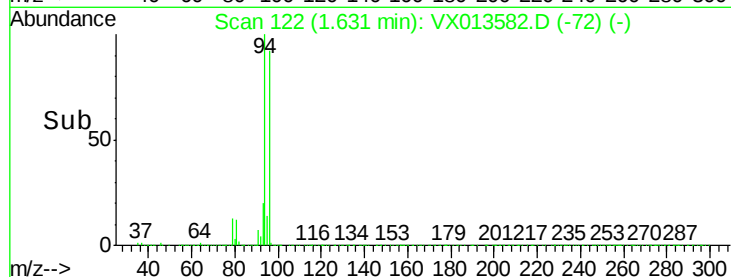
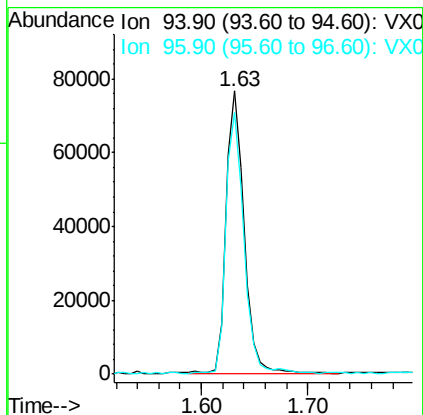
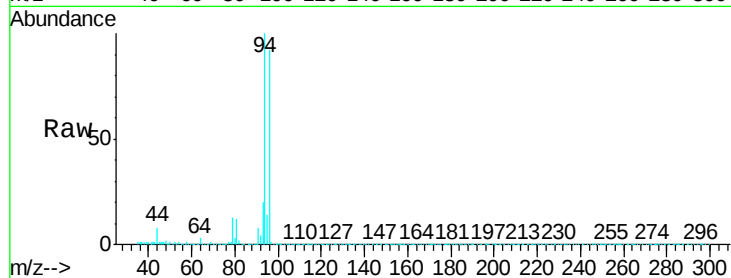
VX1125WBS01

Tgt Ion: 94 Resp: 90515

Ion Ratio Lower Upper

94 100

96 92.4 75.8 113.8



#6

Chloroethane

Concen: 16.901 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013582.D

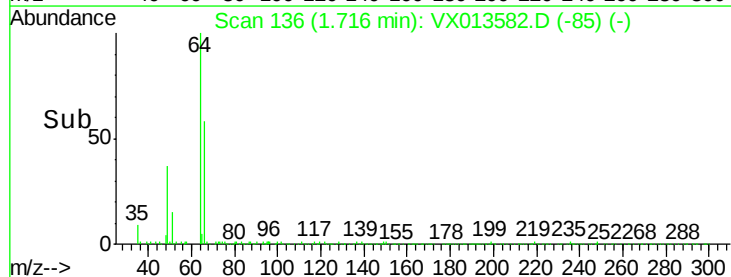
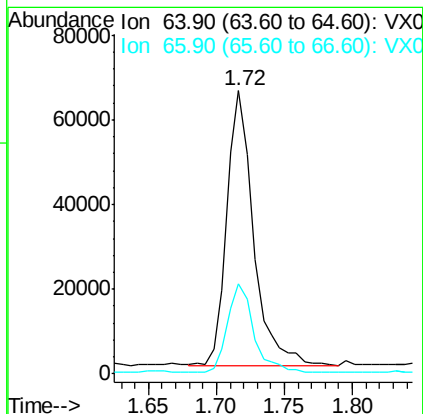
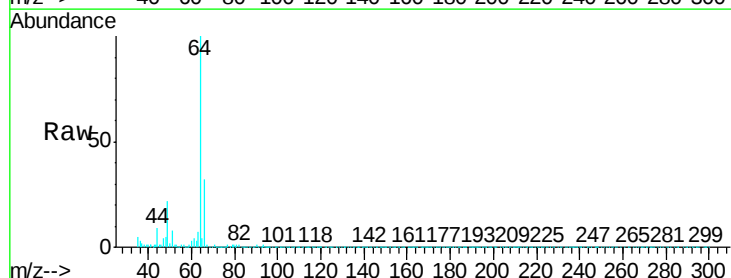
Acq: 25 Nov 2019 15:37

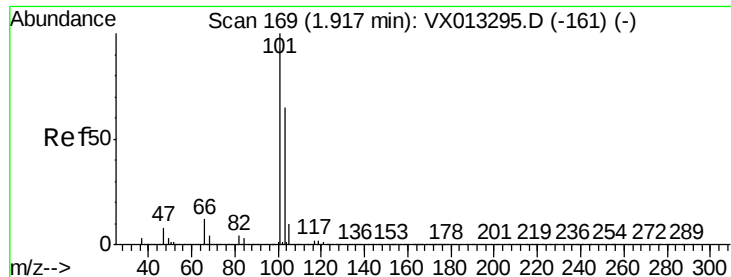
Tgt Ion: 64 Resp: 89462

Ion Ratio Lower Upper

64 100

66 32.3 25.6 38.4



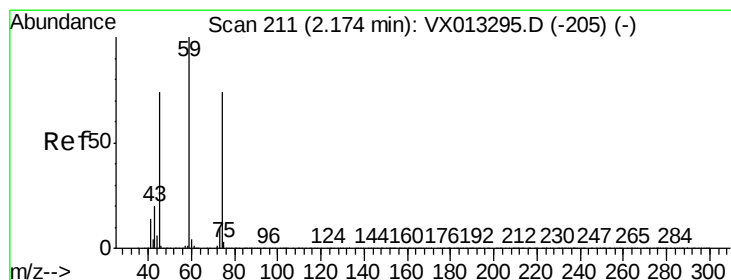
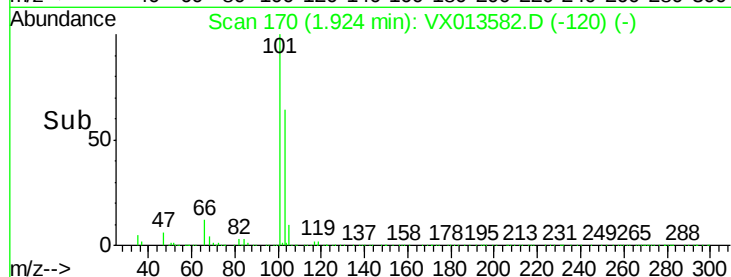
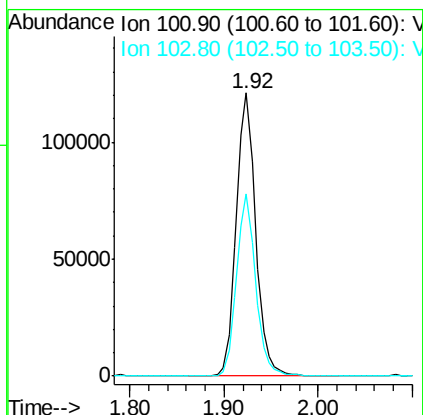
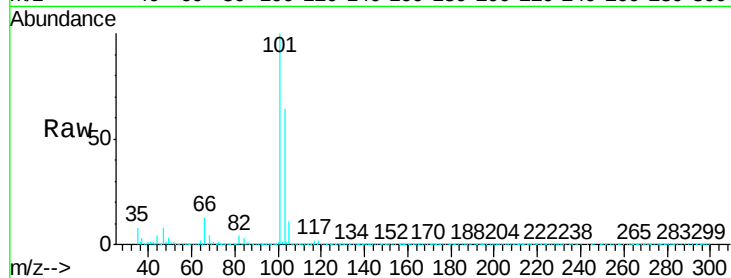


#7

Trichlorofluoromethane
Concen: 16.708 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

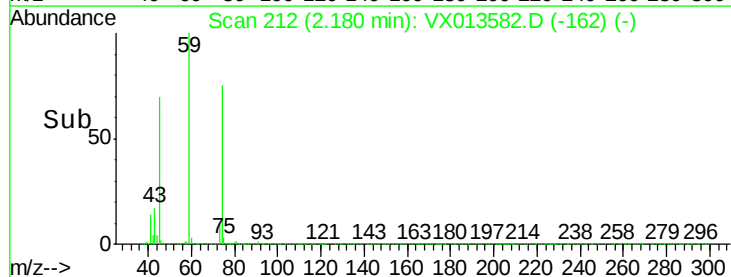
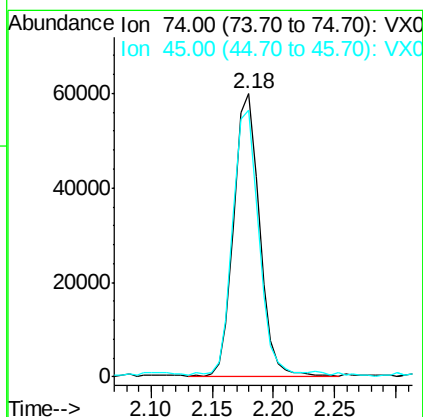
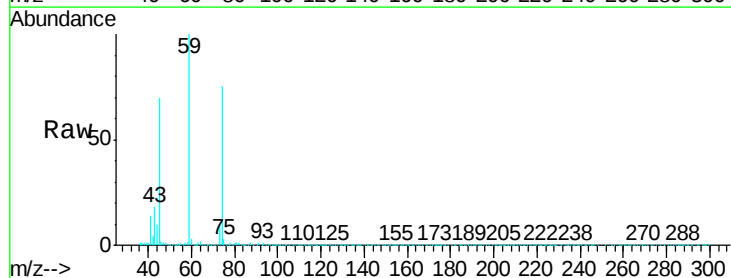
Tgt Ion:101 Resp: 174642
Ion Ratio Lower Upper
101 100
103 64.2 52.3 78.5

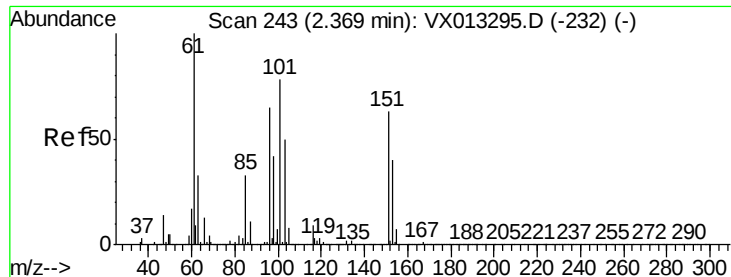


#8

Diethyl Ether
Concen: 18.752 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion: 74 Resp: 86678
Ion Ratio Lower Upper
74 100
45 99.9 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.454 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

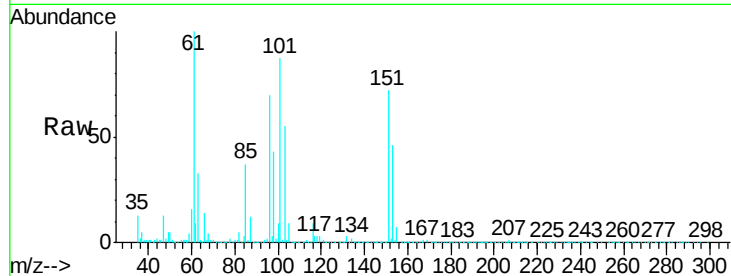
Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

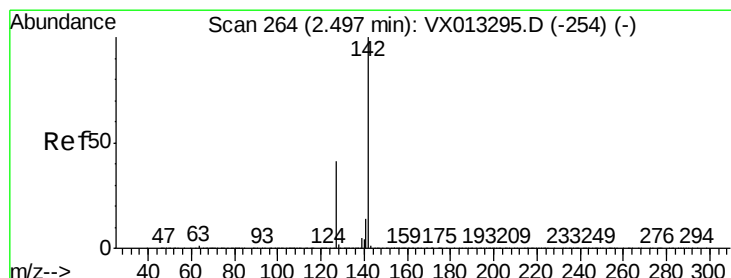
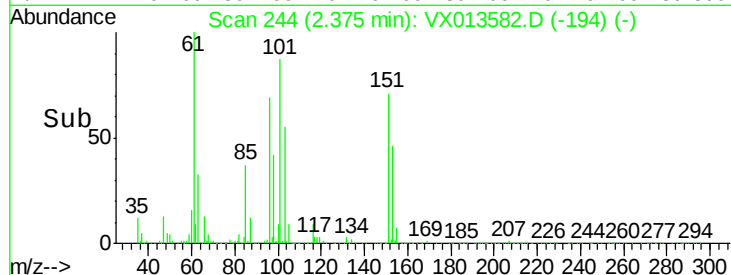
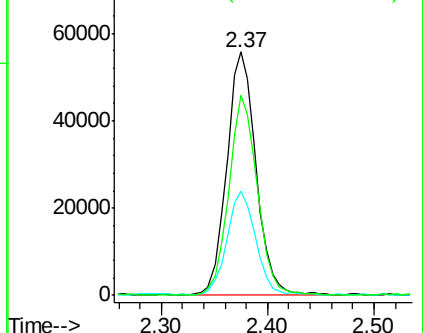
Tgt Ion:	101	Resp:	107512
Ion	Ratio	Lower	Upper
101	100		
85	42.9	34.4	51.6
151	80.0	66.4	99.6



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: 16.675 ug/l

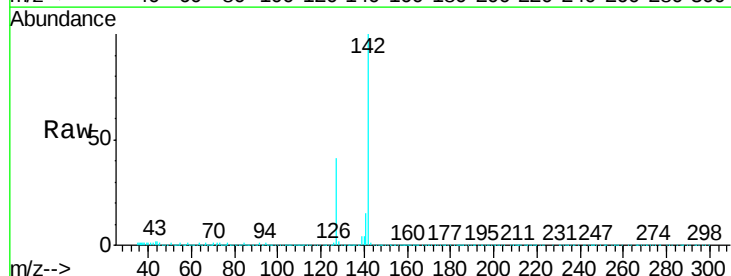
RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

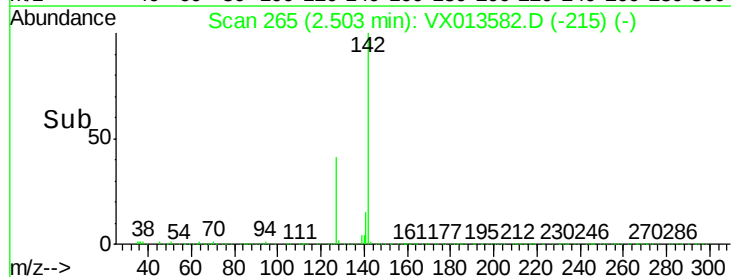
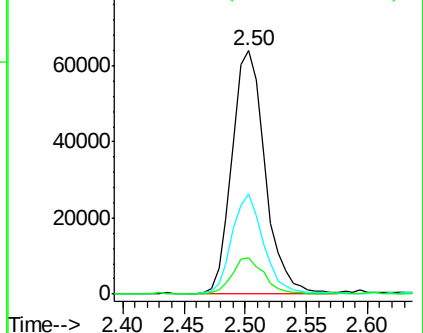
Tgt Ion:	142	Resp:	120273
Ion	Ratio	Lower	Upper
142	100		
127	40.2	32.6	49.0
141	14.6	11.6	17.4

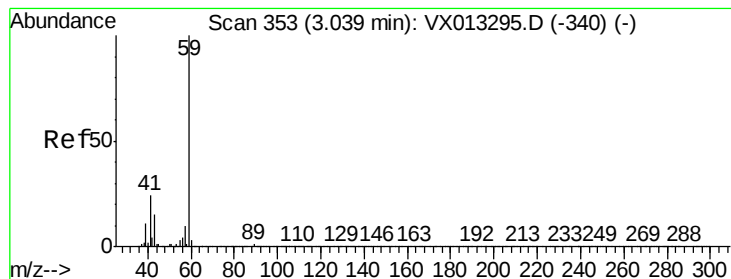


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



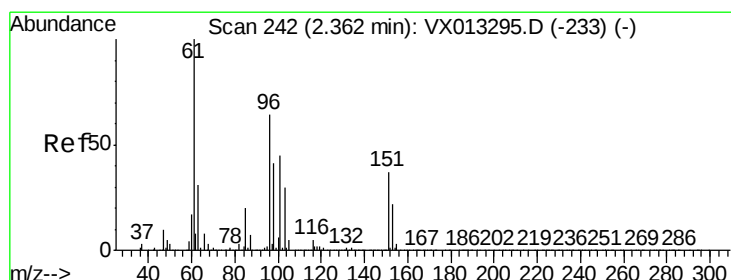
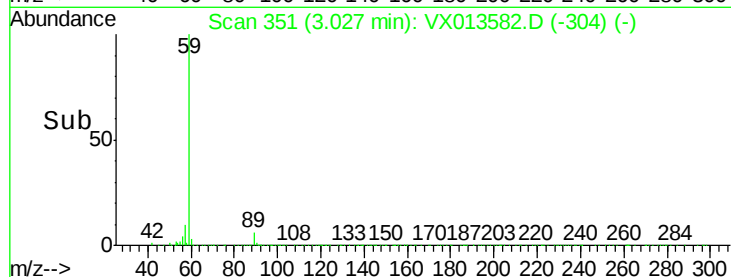
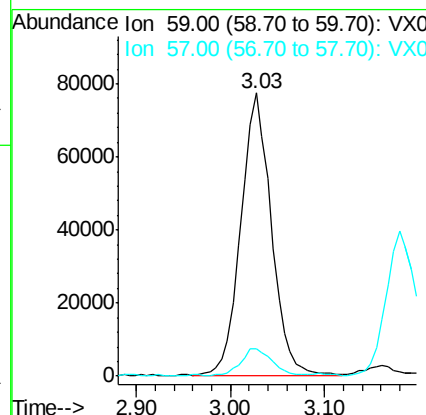
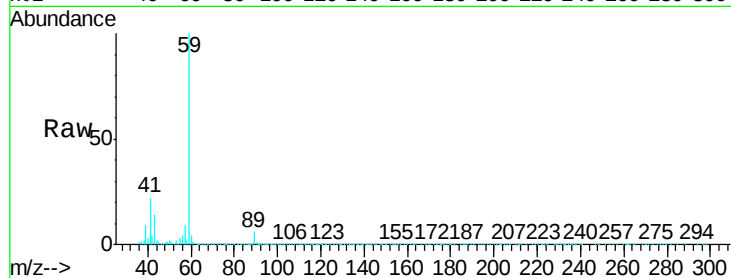


#11

Tert butyl alcohol
 Concen: 90.727 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX013582.D
 Acq: 25 Nov 2019 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBS01

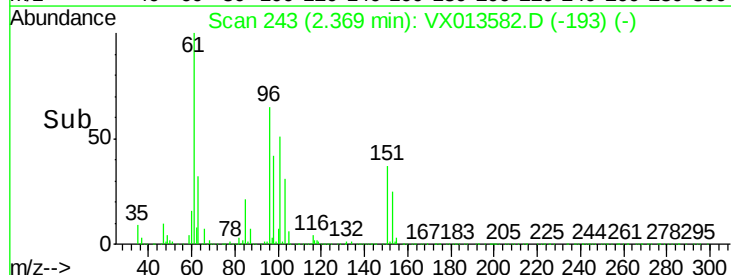
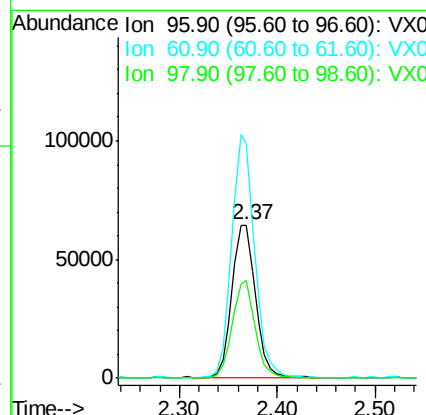
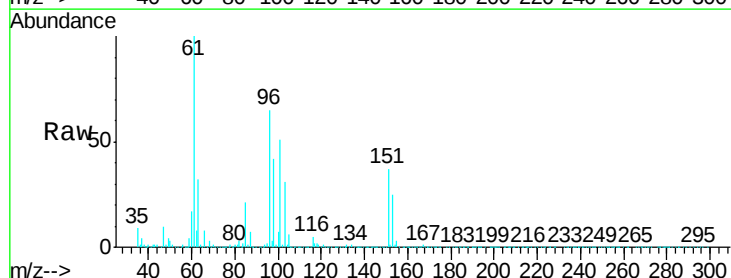
Tgt Ion: 59 Resp: 176198
 Ion Ratio Lower Upper
 59 100
 57 8.9 8.0 12.0

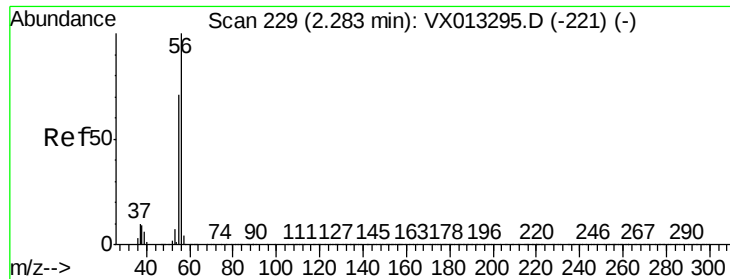


#12

1,1-Dichloroethene
 Concen: 18.996 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX013582.D
 Acq: 25 Nov 2019 15:37

Tgt Ion: 96 Resp: 108376
 Ion Ratio Lower Upper
 96 100
 61 153.0 125.0 187.6
 98 63.4 50.7 76.1





#13

Acrolein

Concen: 139.129 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

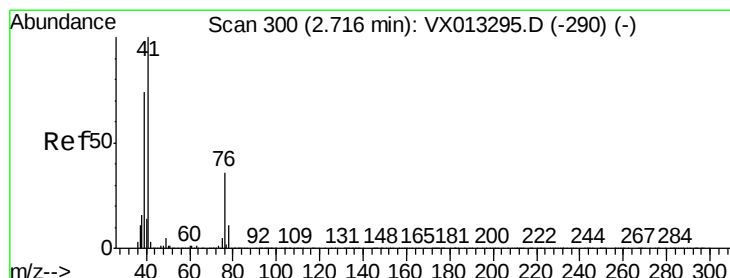
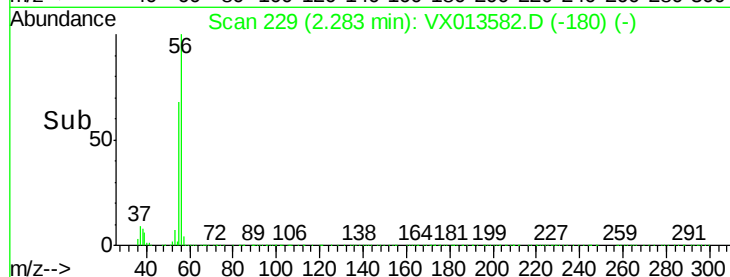
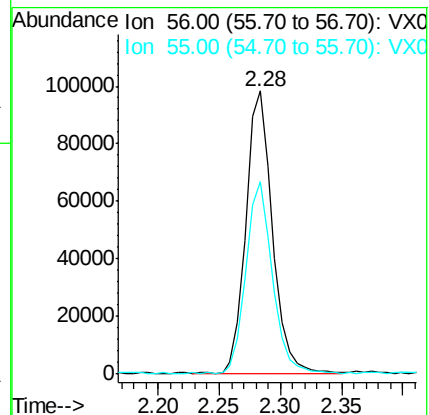
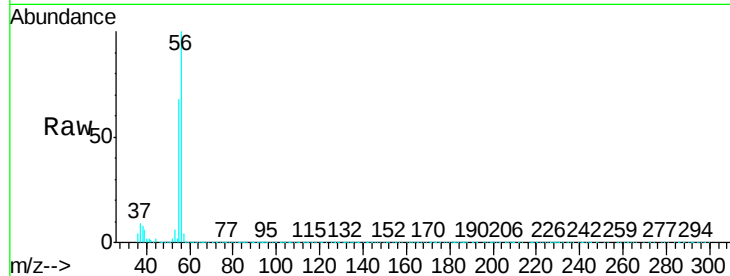
VX1125WBS01

Tgt Ion: 56 Resp: 146439

Ion Ratio Lower Upper

56 100

55 67.9 57.4 86.0



#14

Allyl chloride

Concen: 19.301 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

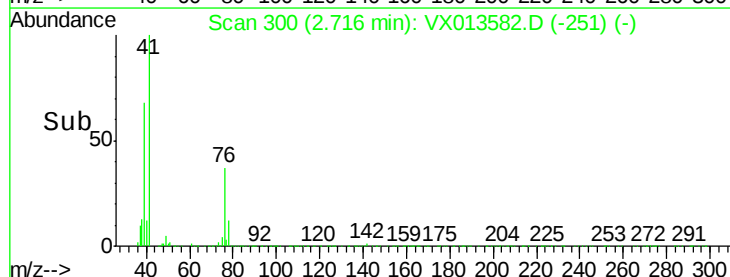
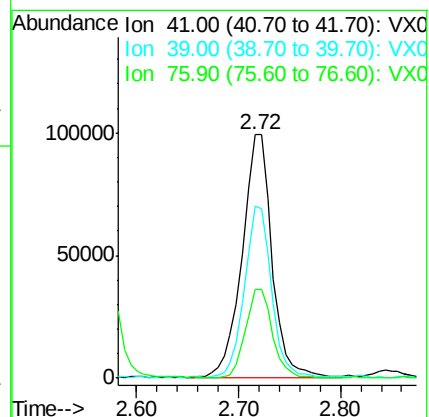
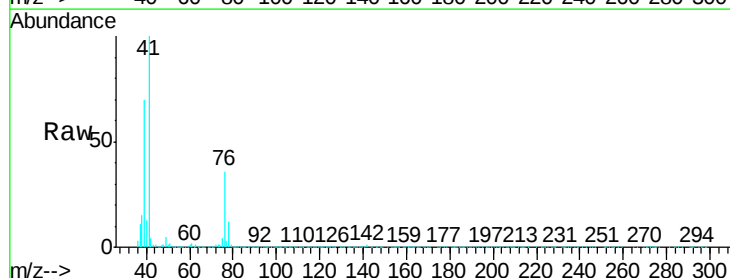
Tgt Ion: 41 Resp: 200069

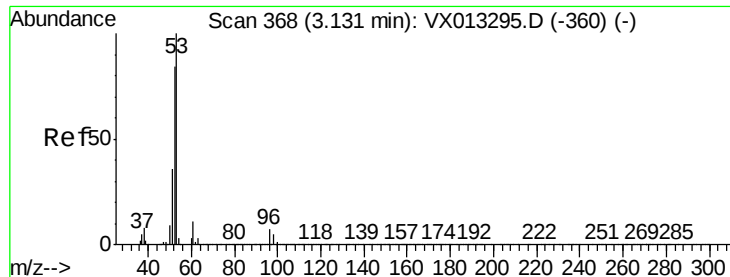
Ion Ratio Lower Upper

41 100

39 63.8 55.8 83.8

76 32.7 26.4 39.6





#15

Acrylonitrile

Concen: 103.085 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

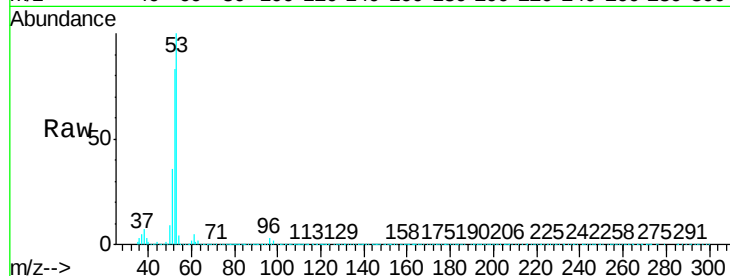
Tgt Ion: 53 Resp: 373961

Ion Ratio Lower Upper

53 100

52 82.4 67.4 101.0

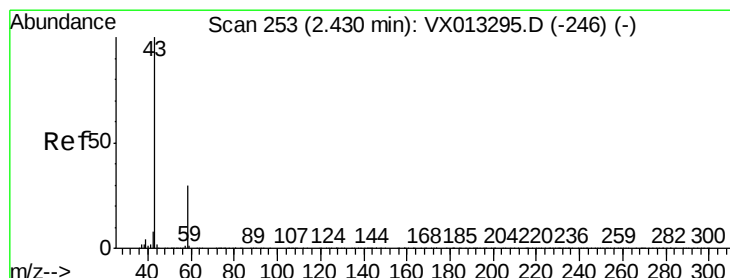
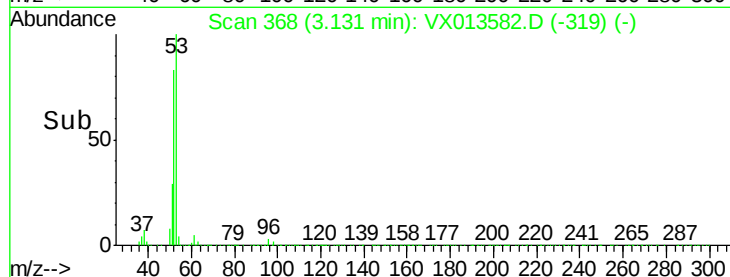
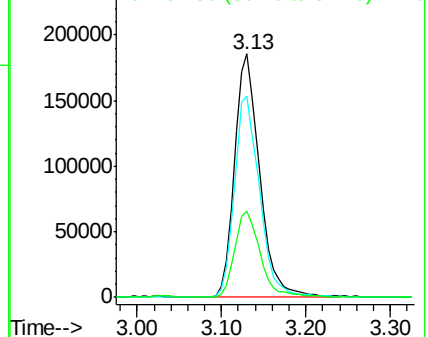
51 36.0 29.4 44.2



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: 94.246 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013582.D

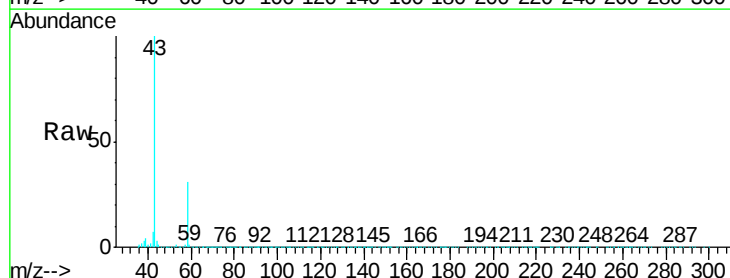
Acq: 25 Nov 2019 15:37

Tgt Ion: 43 Resp: 346372

Ion Ratio Lower Upper

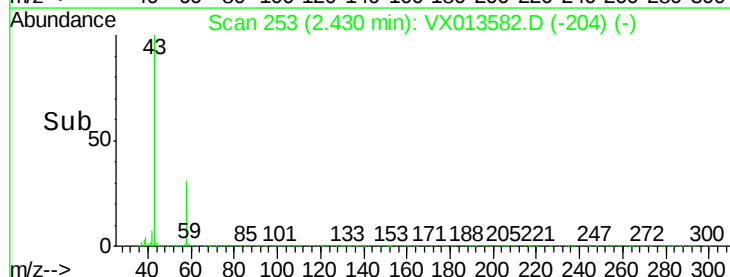
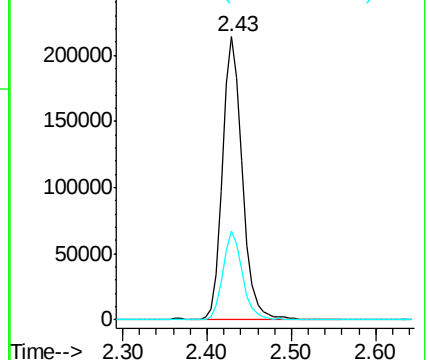
43 100

58 31.2 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.521 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

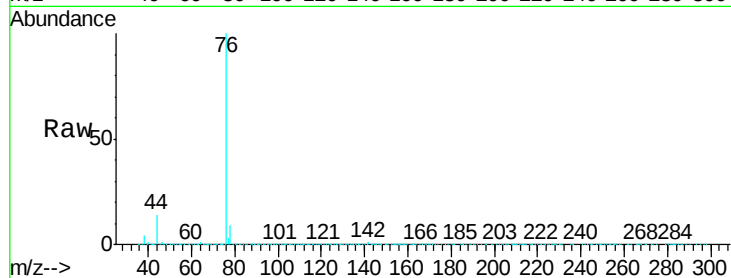
VX1125WBS01

Tgt Ion: 76 Resp: 236998

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

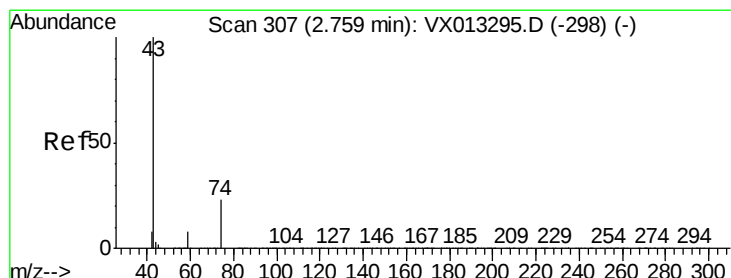
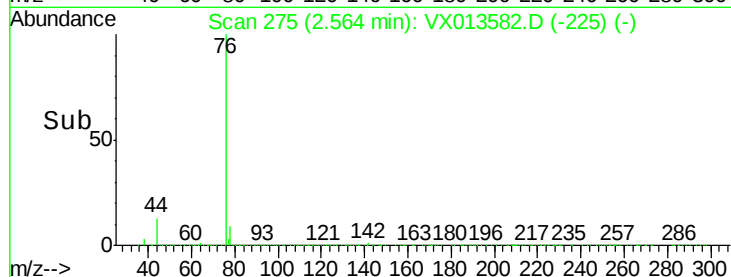
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 21.436 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013582.D

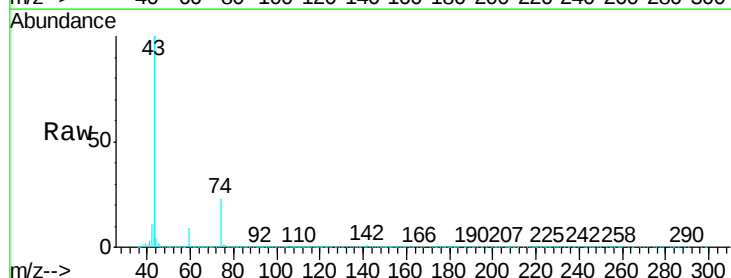
Acq: 25 Nov 2019 15:37

Tgt Ion: 43 Resp: 217500

Ion Ratio Lower Upper

43 100

74 22.7 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

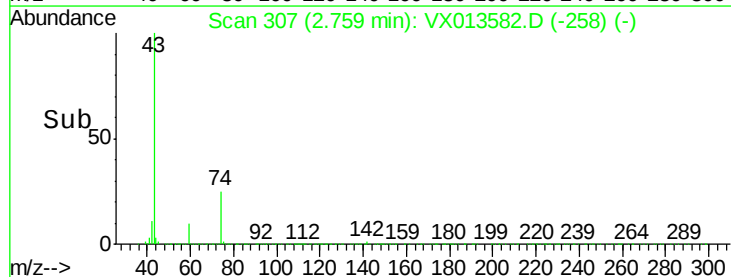
100000

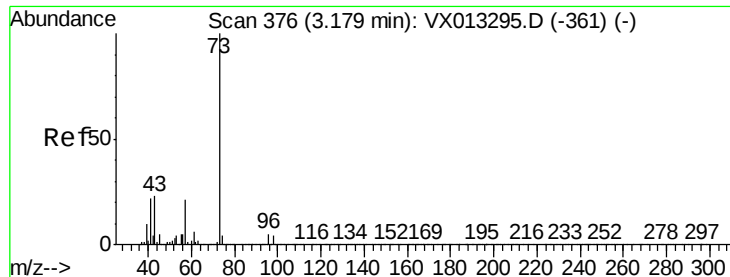
50000

0

2.65 2.70 2.75 2.80 2.85

Time-->





#19

Methyl tert-butyl Ether

Concen: 21.232 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

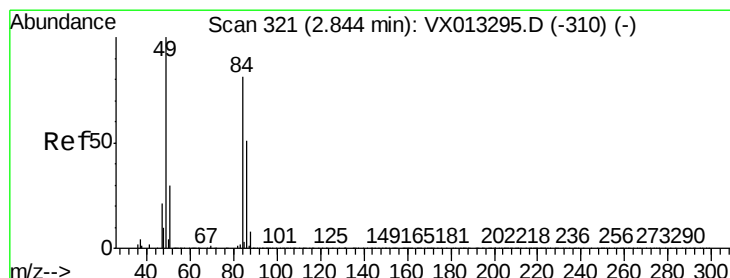
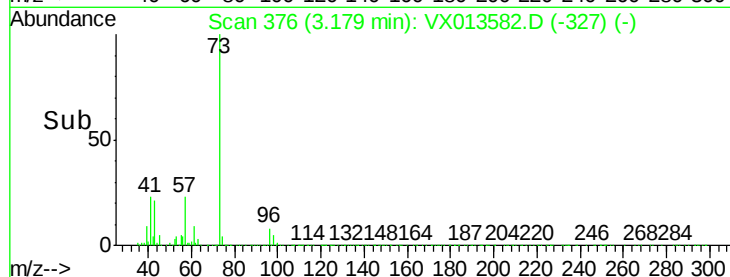
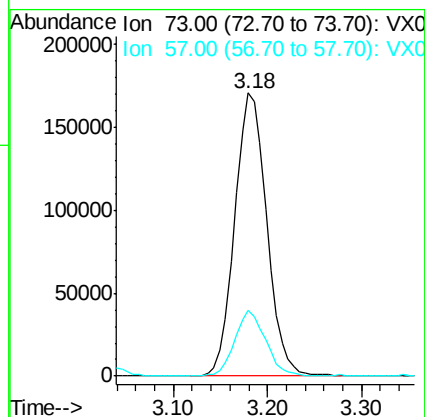
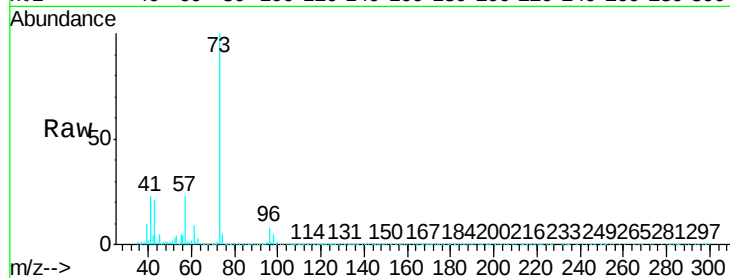
VX1125WBS01

Tgt Ion: 73 Resp: 404007

Ion Ratio Lower Upper

73 100

57 23.1 17.1 25.7



#20

Methylene Chloride

Concen: 18.869 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.01 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Tgt Ion: 84 Resp: 128129

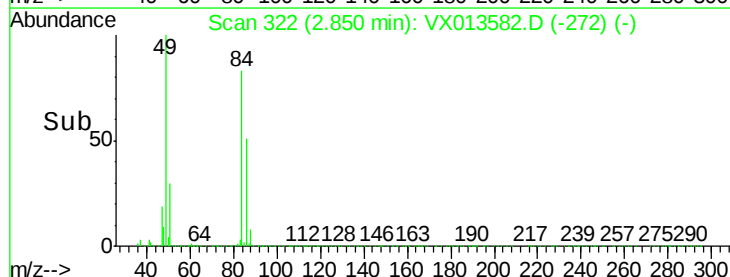
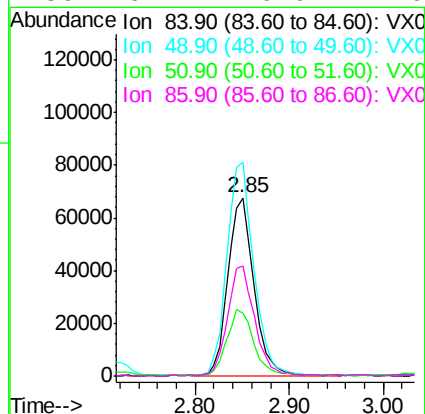
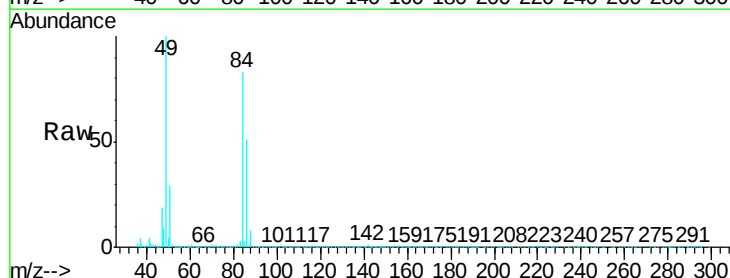
Ion Ratio Lower Upper

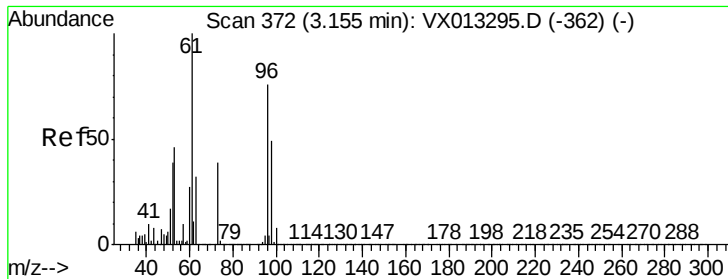
84 100

49 120.4 98.2 147.4

51 35.0 29.9 44.9

86 61.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 18.319 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

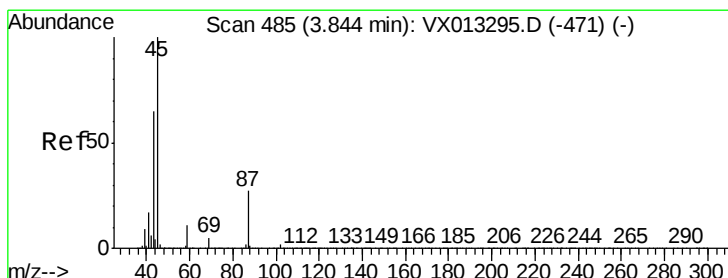
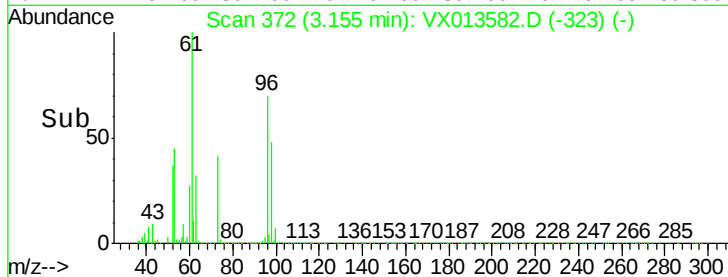
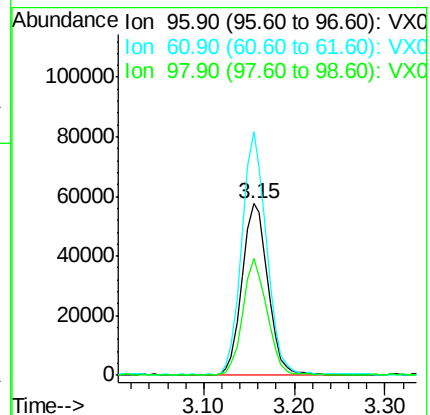
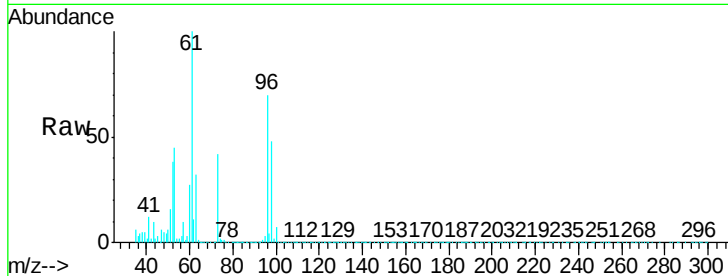
Tgt Ion: 96 Resp: 113793

Ion Ratio Lower Upper

96 100

61 141.7 105.8 158.6

98 68.2 51.8 77.6



#22

Diisopropyl ether

Concen: 21.489 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Tgt Ion: 45 Resp: 430043

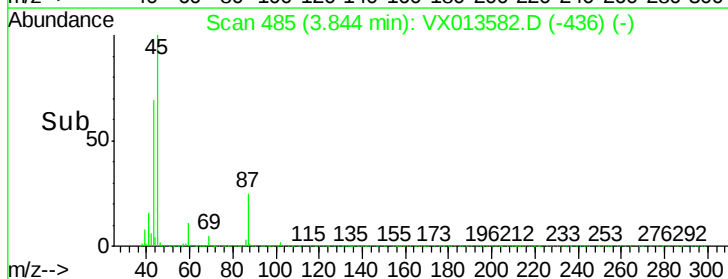
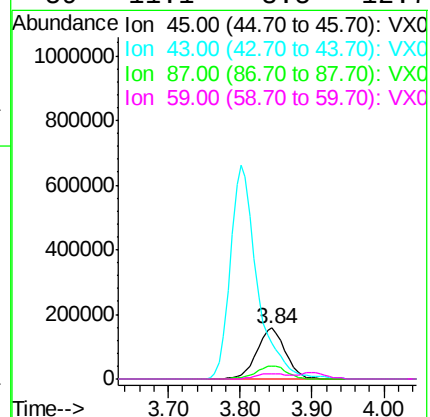
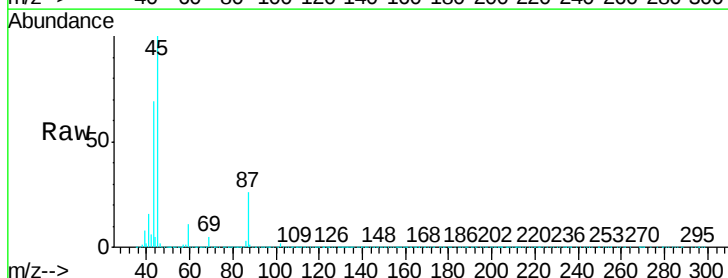
Ion Ratio Lower Upper

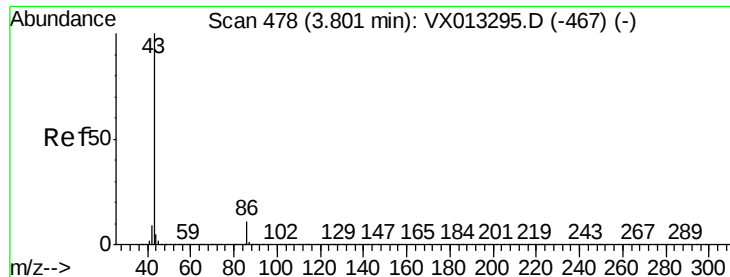
45 100

43 68.9 54.2 81.2

87 25.4 21.8 32.8

59 11.1 8.5 12.7





#23

Vinyl Acetate

Concen: 100.596 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

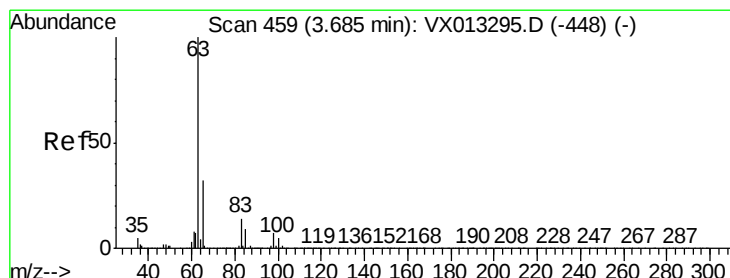
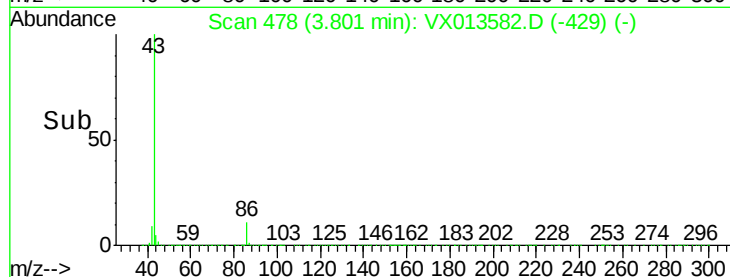
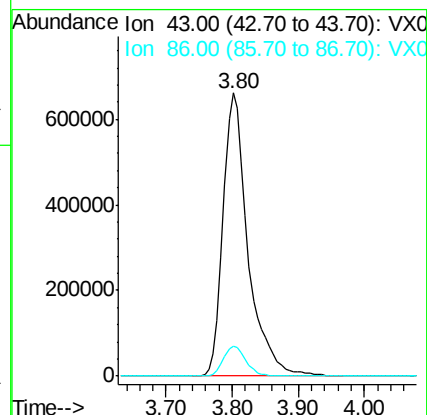
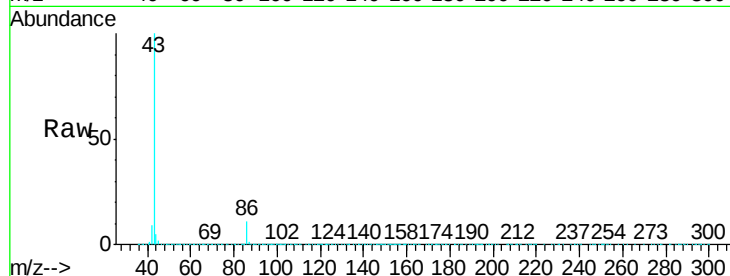
VX1125WBS01

Tgt Ion: 43 Resp: 1722660

Ion Ratio Lower Upper

43 100

86 10.6 8.6 13.0



#24

1,1-Dichloroethane

Concen: 20.172 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

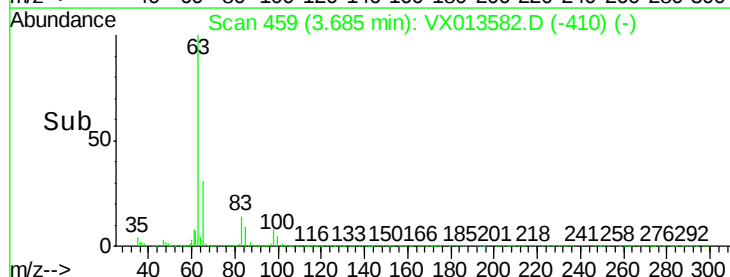
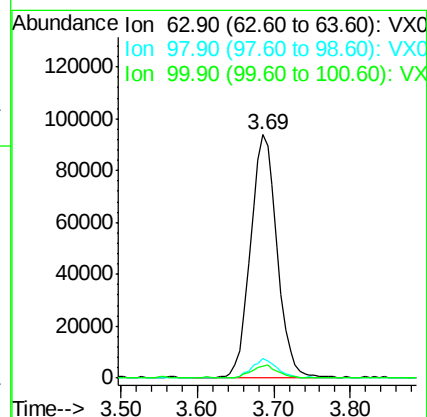
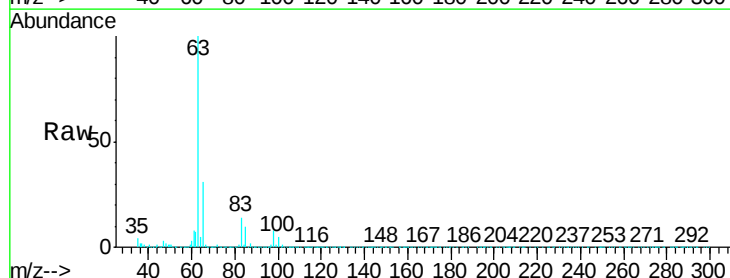
Tgt Ion: 63 Resp: 225831

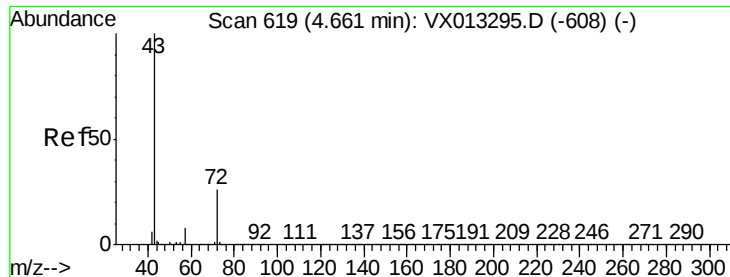
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 99.320 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

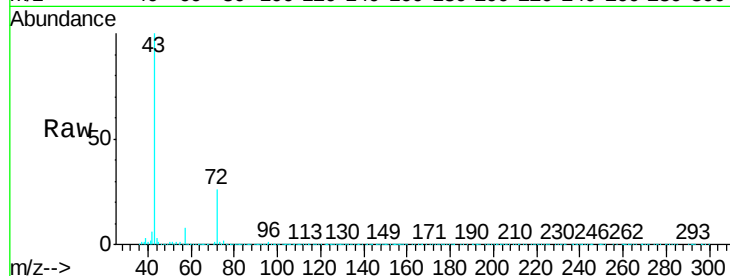
VX1125WBS01

Tgt Ion: 43 Resp: 535491

Ion Ratio Lower Upper

43 100

72 25.5 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

200000

150000

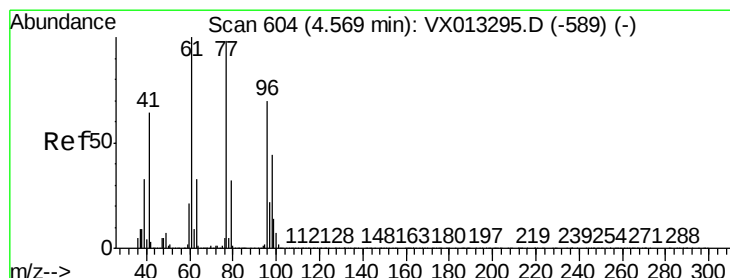
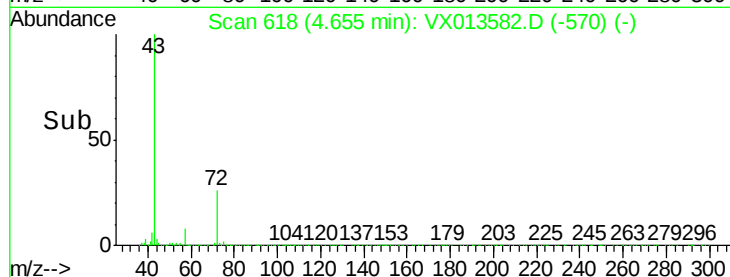
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 19.972 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013582.D

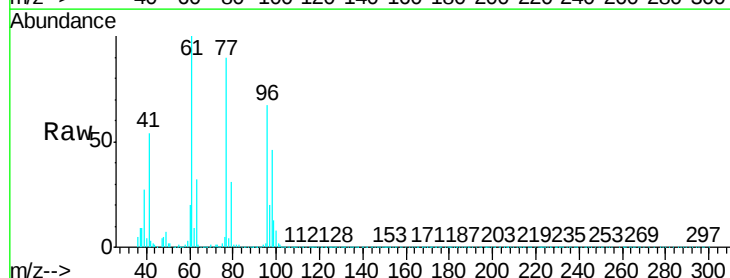
Acq: 25 Nov 2019 15:37

Tgt Ion: 77 Resp: 177871

Ion Ratio Lower Upper

77 100

97 23.9 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

60000

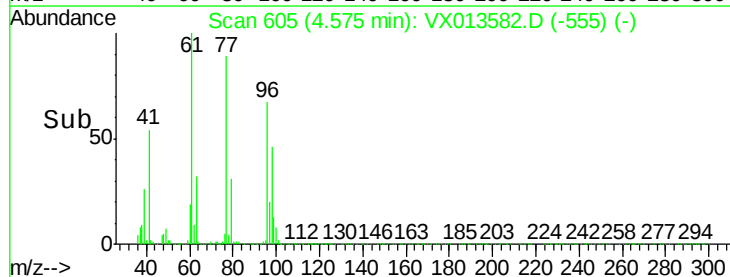
40000

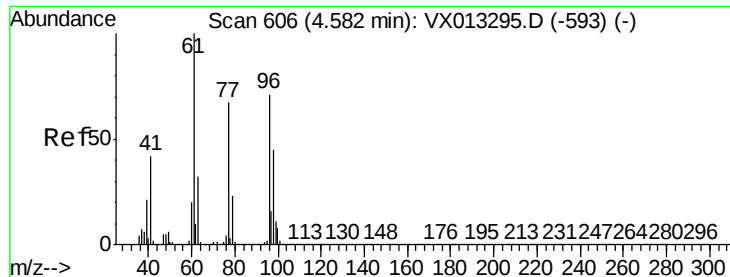
20000

0

4.40 4.50 4.60 4.70

Time-->



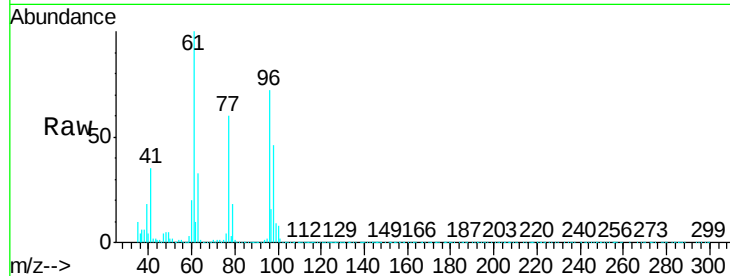


#27

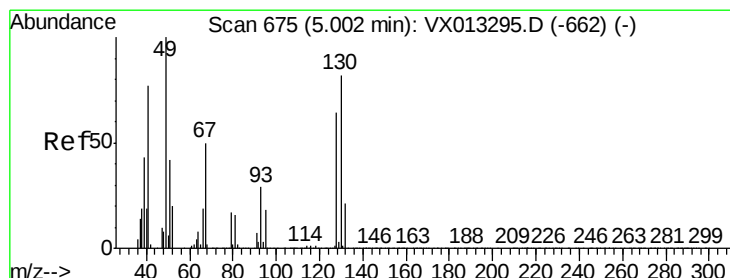
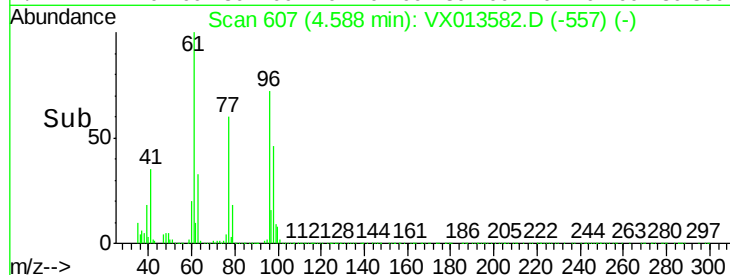
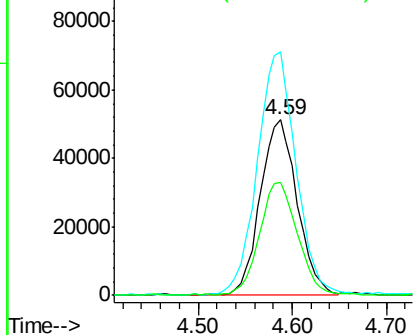
cis-1,2-Dichloroethene
Concen: 20.162 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	288.0
98	67.3	0.0	129.6



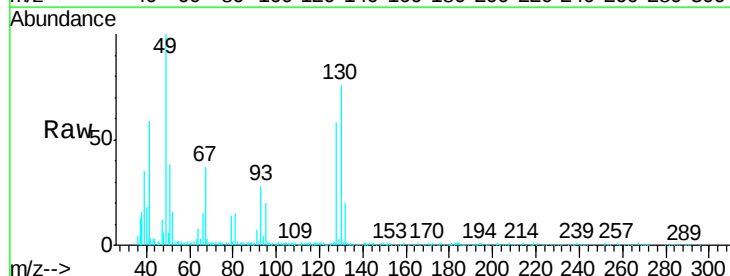
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



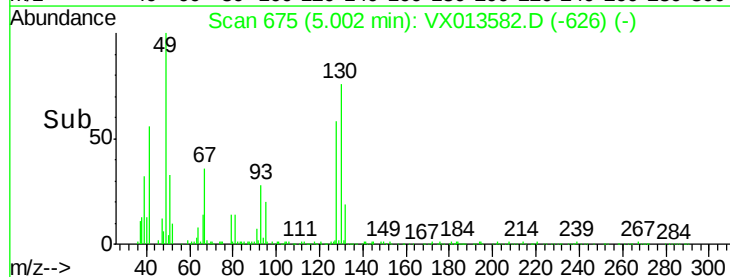
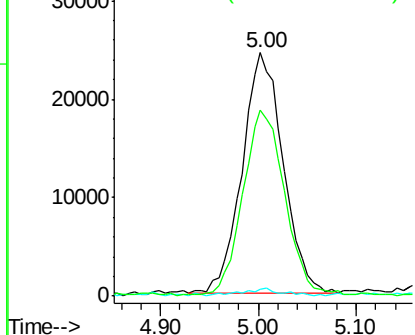
#28

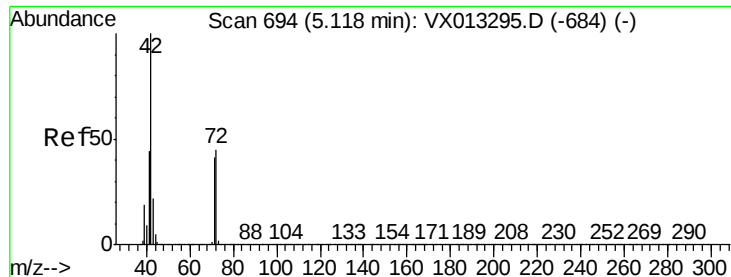
Bromochloromethane
Concen: 22.405 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.3	0.0	5.2
130	77.7	63.8	95.6



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: 98.046 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampled :

VX1125WBS01

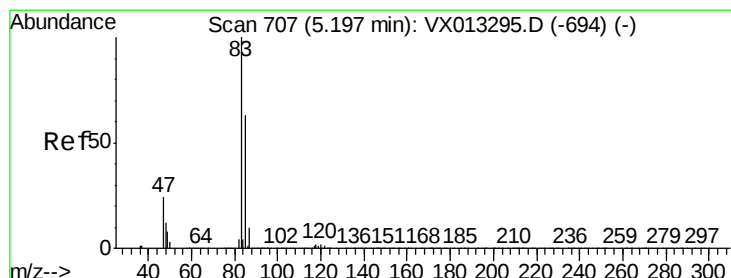
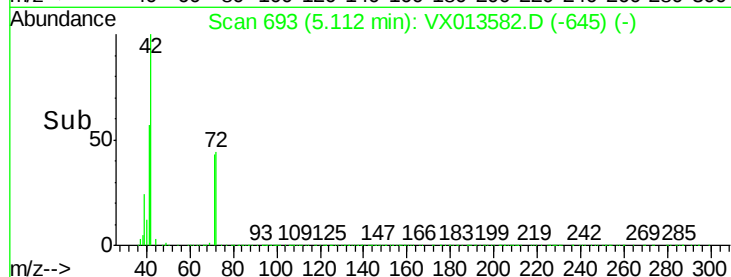
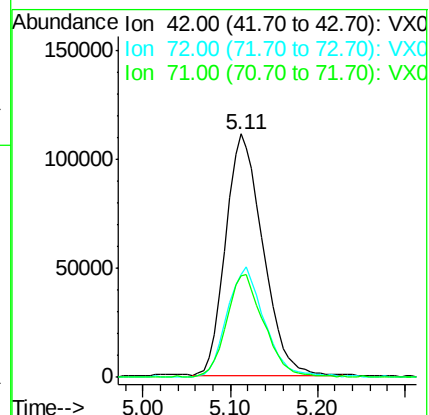
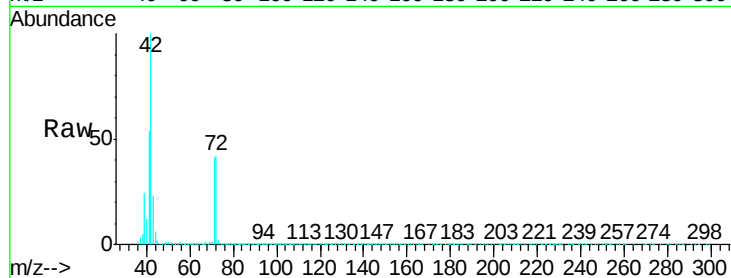
Tgt Ion: 42 Resp: 325759

Ion Ratio Lower Upper

42 100

72 46.3 35.8 53.8

71 42.5 33.4 50.0



#30

Chloroform

Concen: 20.573 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013582.D

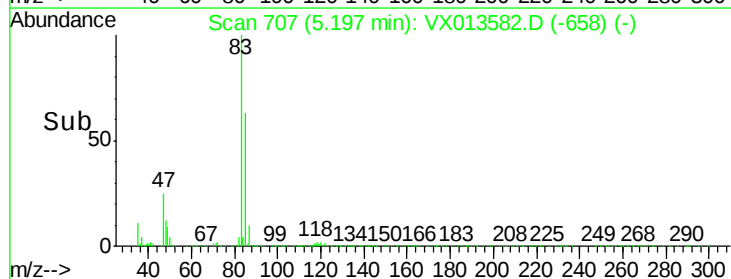
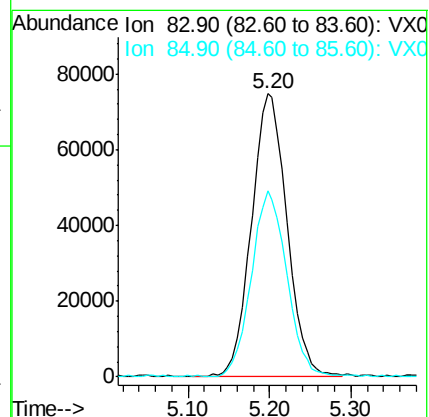
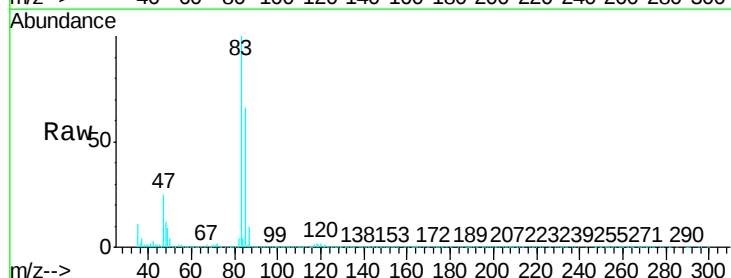
Acq: 25 Nov 2019 15:37

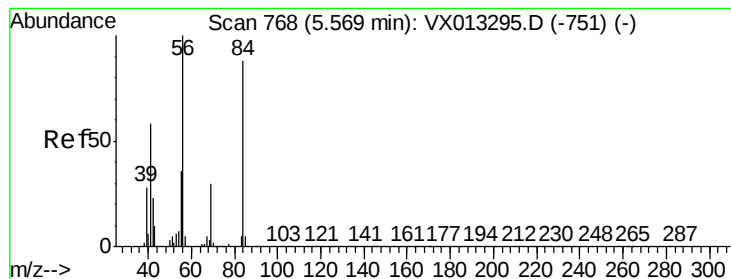
Tgt Ion: 83 Resp: 227427

Ion Ratio Lower Upper

83 100

85 65.4 50.2 75.4





#31

Cyclohexane

Concen: 17.100 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampled :

VX1125WBS01

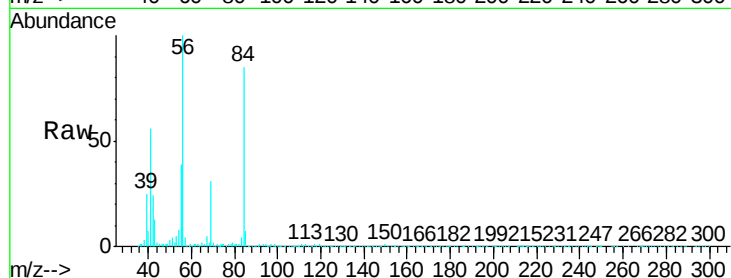
Tgt Ion: 56 Resp: 172258

Ion Ratio Lower Upper

56 100

69 30.7 23.7 35.5

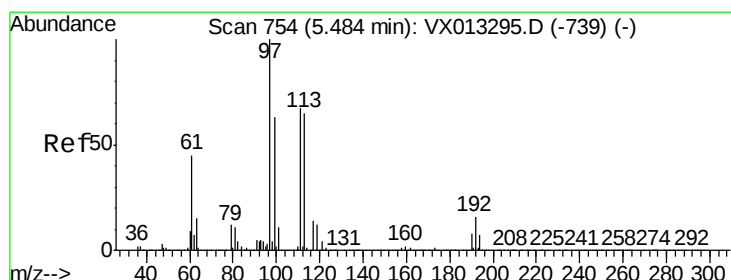
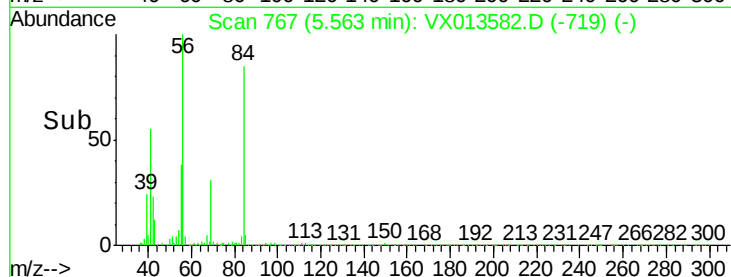
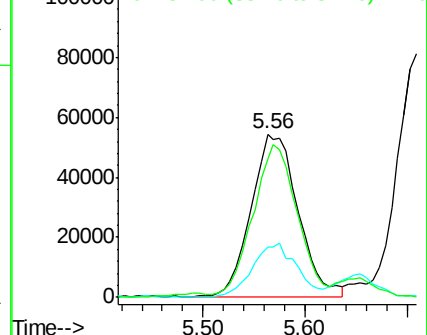
84 82.0 70.6 105.8



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: 18.862 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

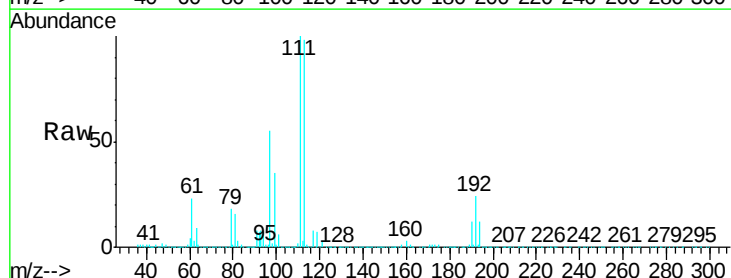
Tgt Ion: 97 Resp: 179445

Ion Ratio Lower Upper

97 100

99 64.2 51.1 76.7

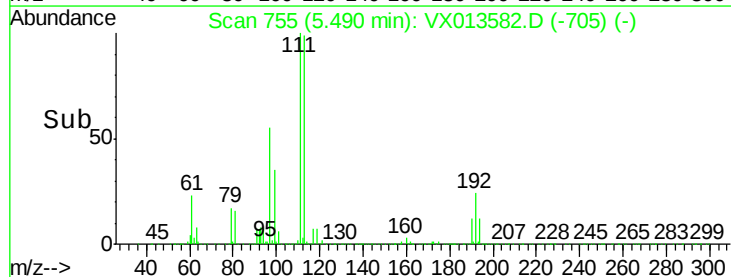
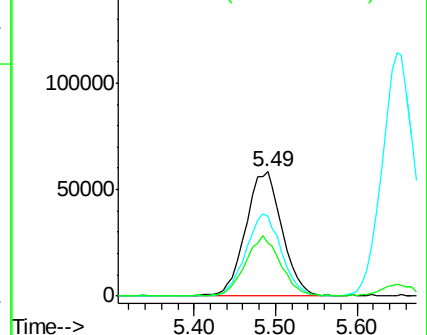
61 46.2 36.5 54.7



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: 49.545 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

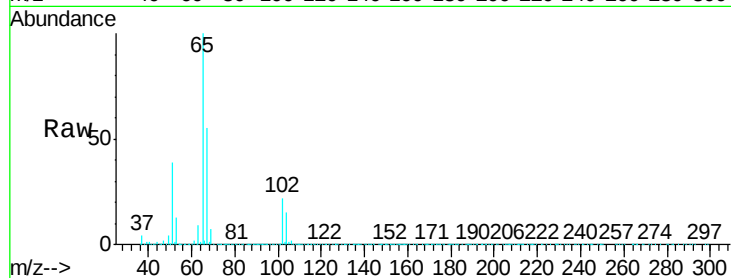
VX1125WBS01

Tgt Ion: 65 Resp: 365064

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

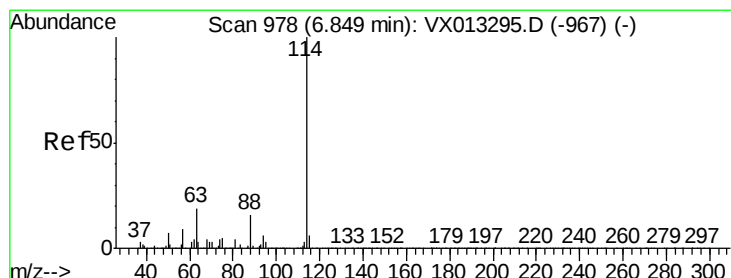
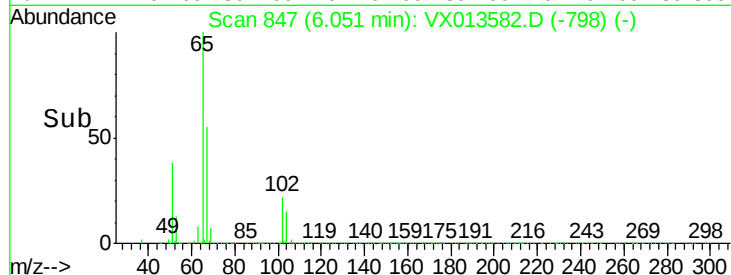
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

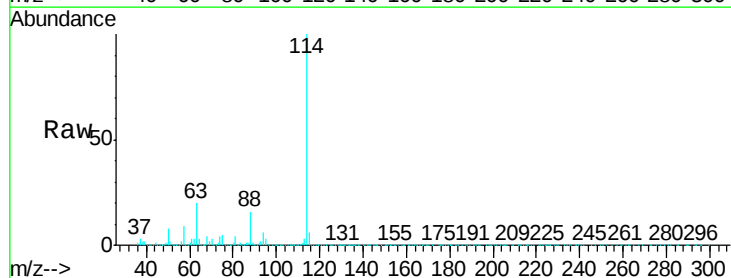
Tgt Ion: 114 Resp: 965984

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.4

88 16.0 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

500000

400000

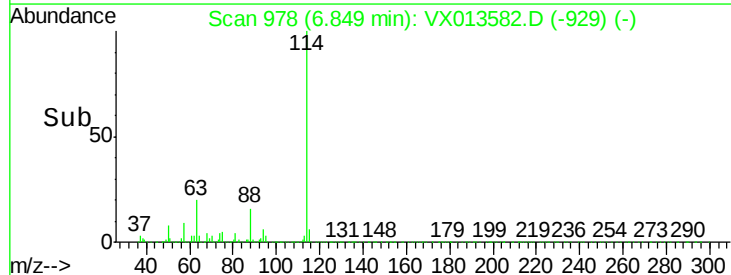
300000

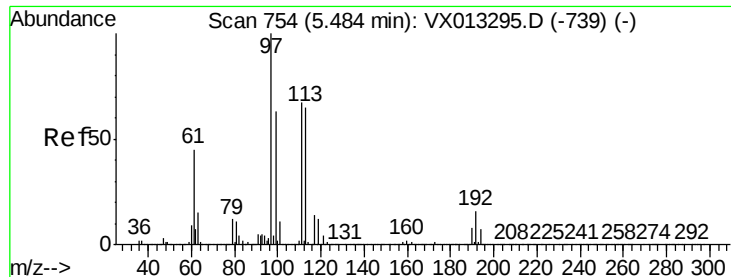
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.506 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampled :

VX1125WBS01

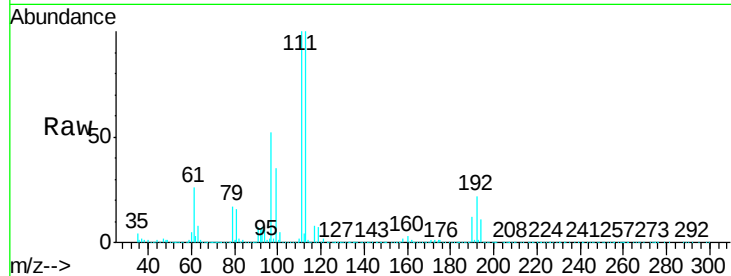
Tgt Ion:113 Resp: 306004

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

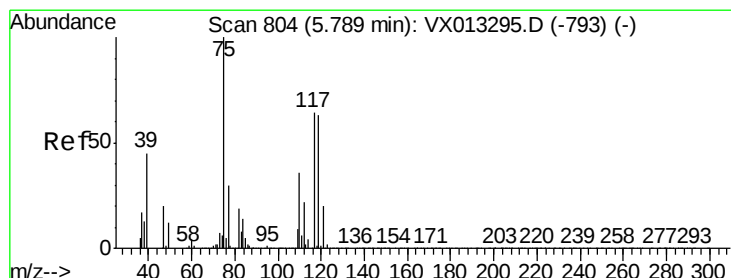
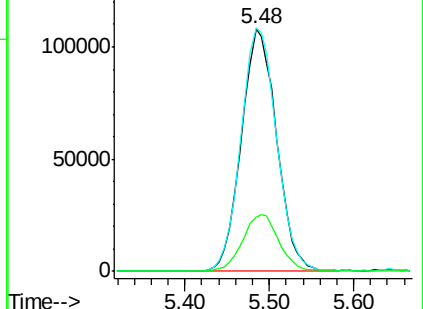
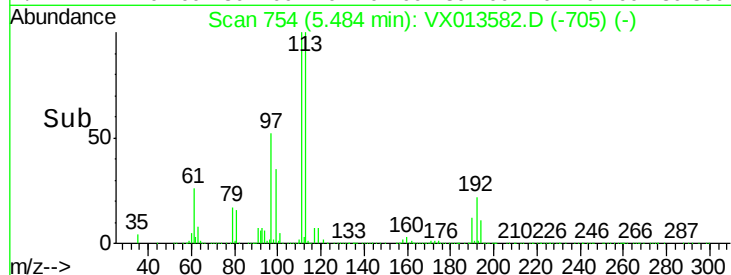
192 24.2 19.1 28.7



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: 18.261 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

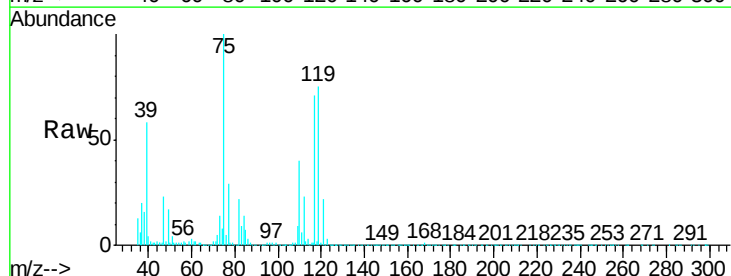
Tgt Ion: 75 Resp: 151331

Ion Ratio Lower Upper

75 100

110 36.4 18.1 54.1

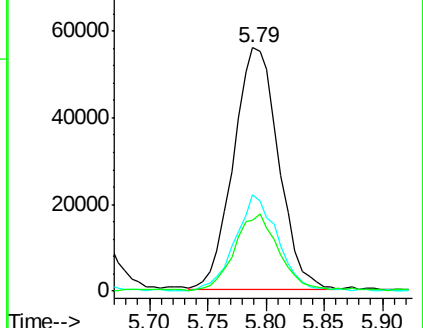
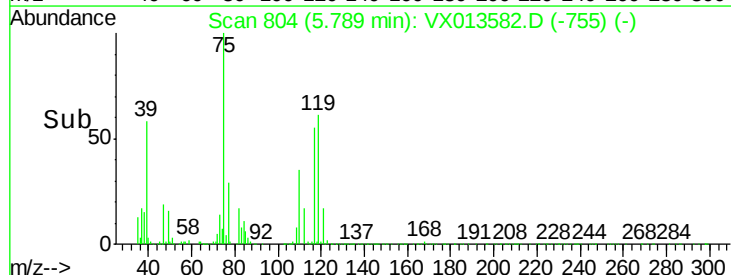
77 30.4 25.0 37.4

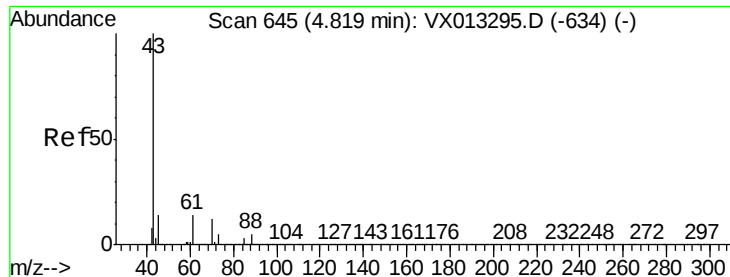


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

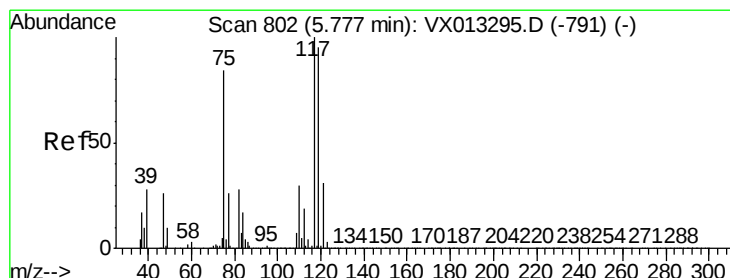
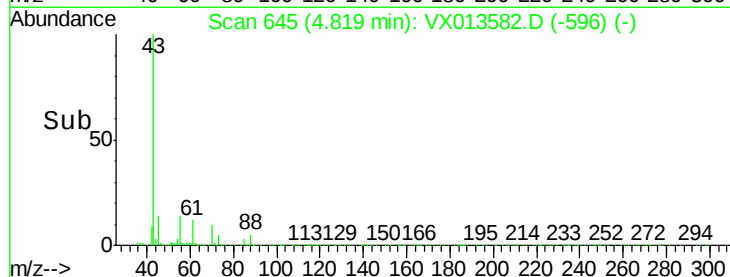
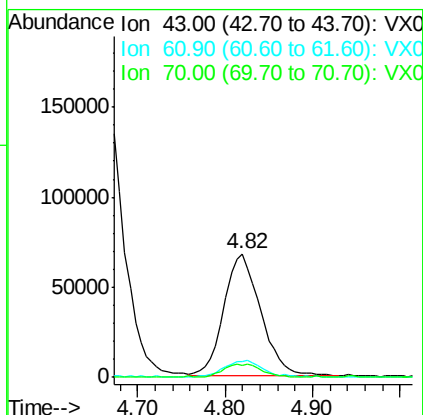
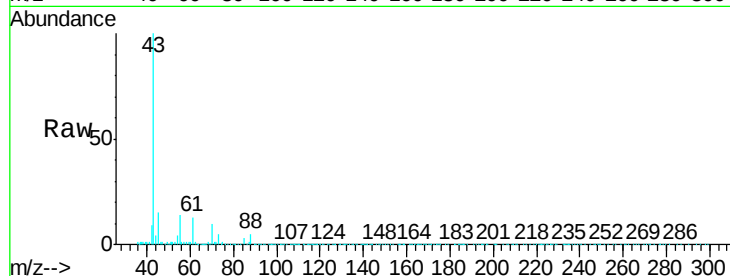




#37
Ethyl Acetate
Concen: 19.291 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

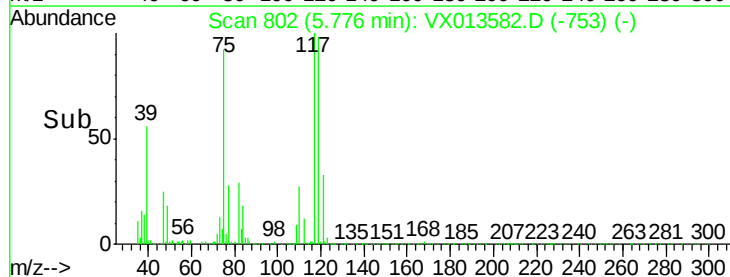
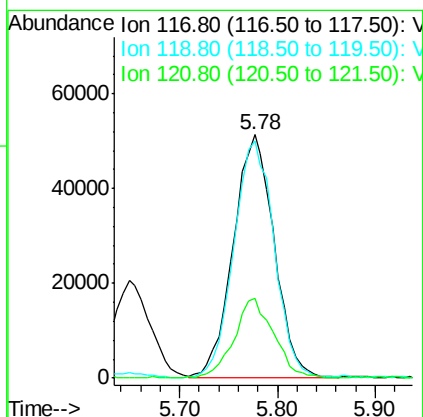
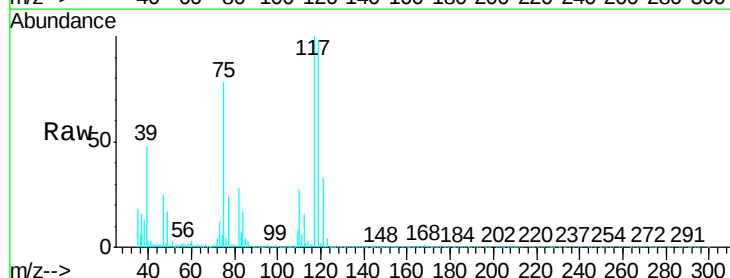
Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

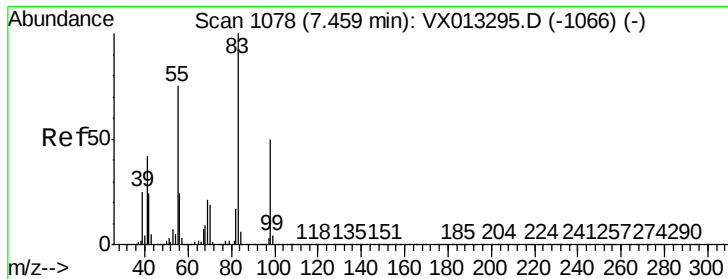
Tgt Ion: 43 Resp: 197535
Ion Ratio Lower Upper
43 100
61 14.2 10.7 16.1
70 11.3 8.7 13.1



#38
Carbon Tetrachloride
Concen: 18.268 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion: 117 Resp: 148040
Ion Ratio Lower Upper
117 100
119 97.7 76.1 114.1
121 32.5 24.6 37.0

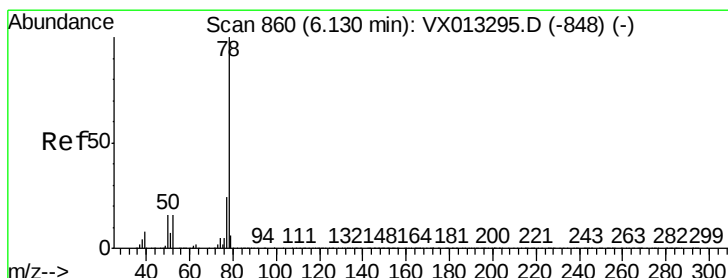
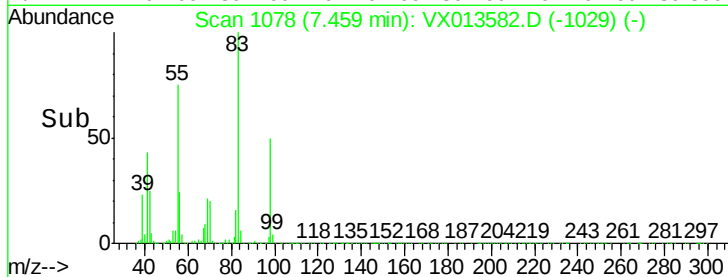
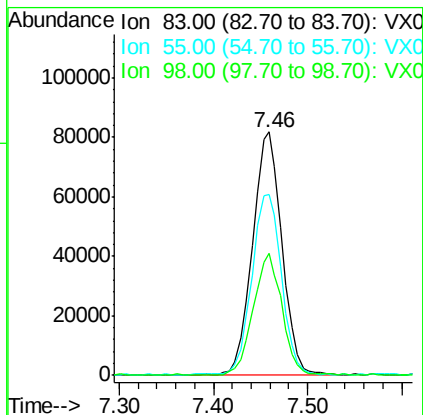
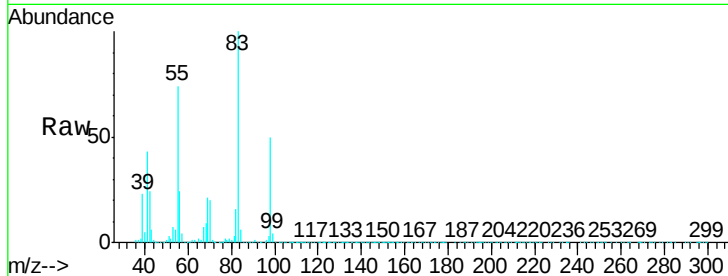




#39
Methylcyclohexane
Concen: 17.311 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

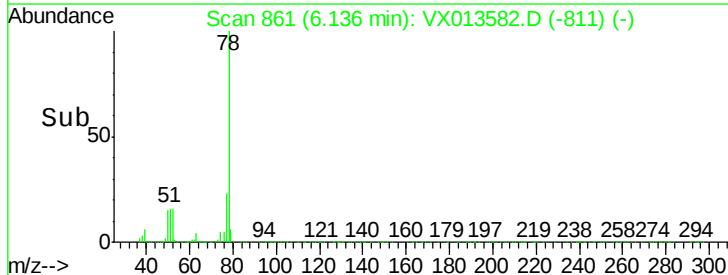
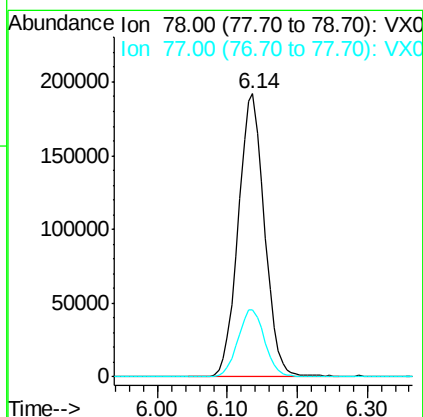
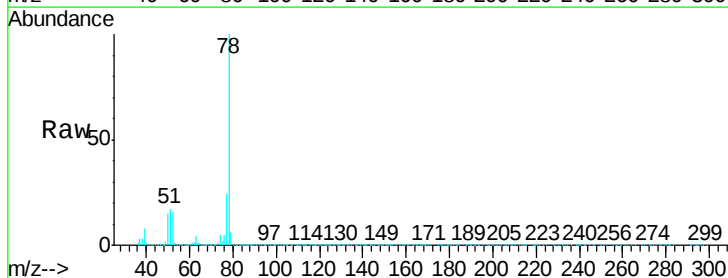
Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

Tgt Ion: 83 Resp: 178752
Ion Ratio Lower Upper
83 100
55 74.4 60.3 90.5
98 50.2 40.3 60.5



#40
Benzene
Concen: 19.274 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion: 78 Resp: 497533
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3





#41

Methacrylonitrile

Concen: 20.303 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

Tgt Ion: 41 Resp: 116528

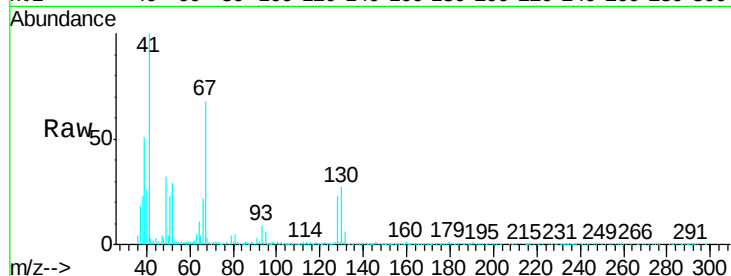
Ion Ratio Lower Upper

41 100

39 53.5 45.0 67.6

67 70.5 55.4 83.2

52 26.2 23.1 34.7

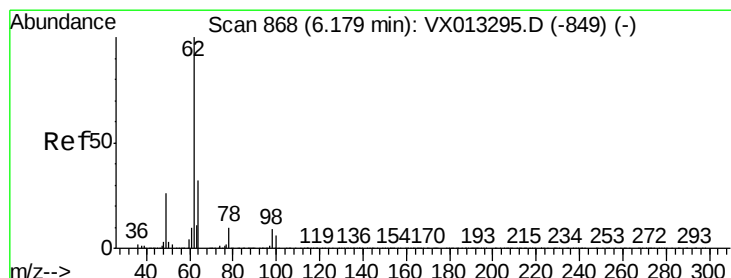
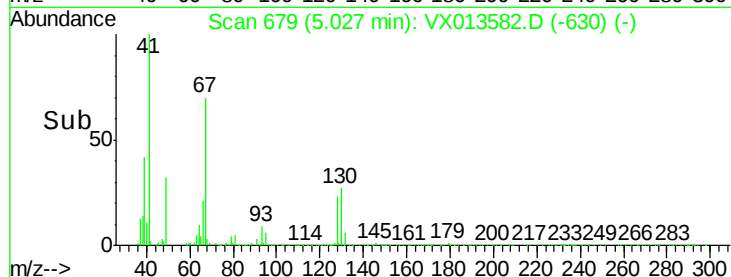
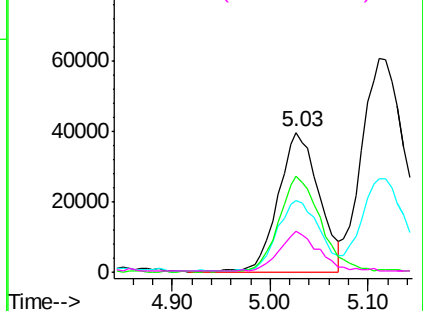


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.556 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX013582.D

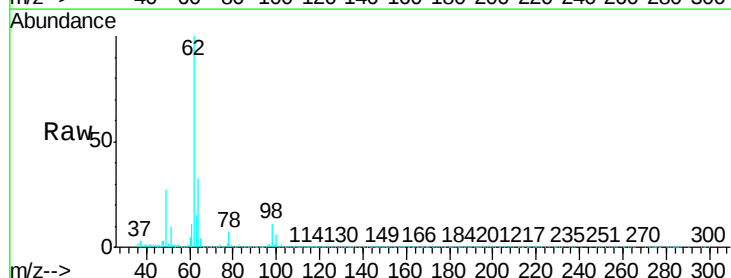
Acq: 25 Nov 2019 15:37

Tgt Ion: 62 Resp: 182092

Ion Ratio Lower Upper

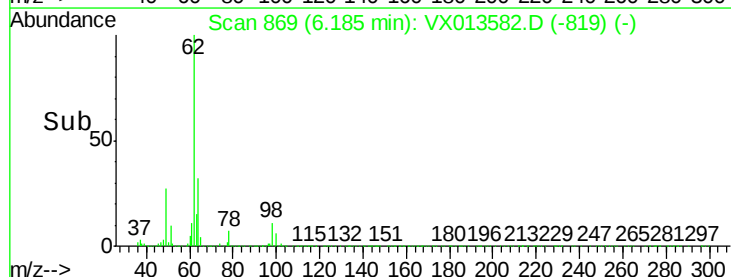
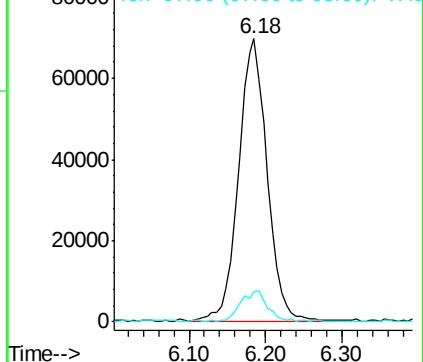
62 100

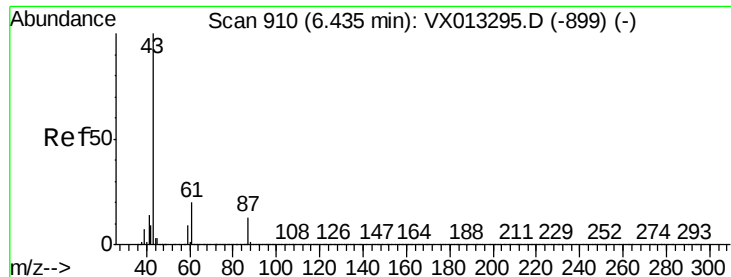
98 9.7 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.303 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

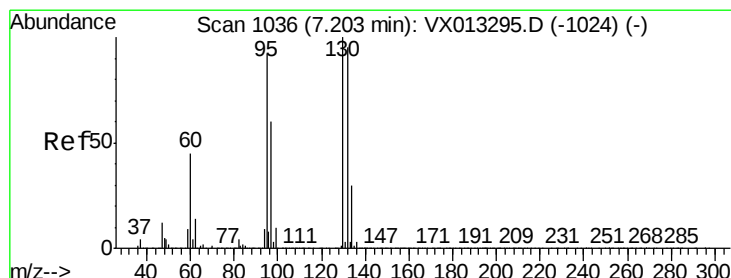
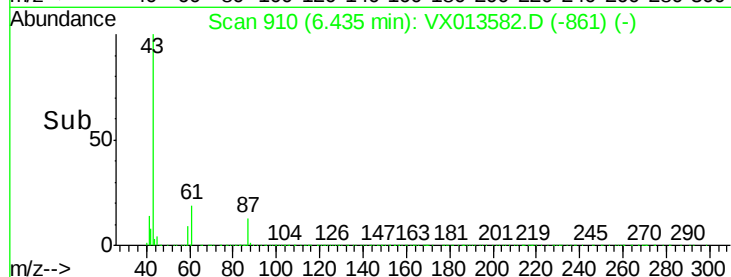
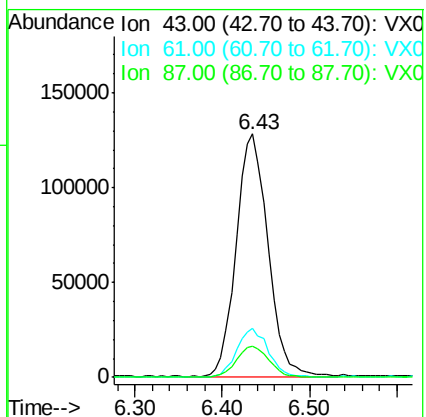
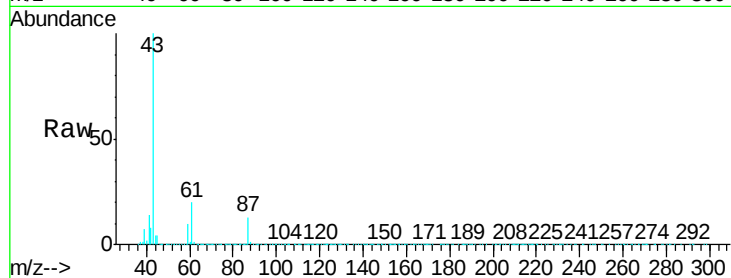
Tgt Ion: 43 Resp: 323734

Ion Ratio Lower Upper

43 100

61 19.9 15.8 23.8

87 12.9 10.4 15.6



#44

Trichloroethene

Concen: 18.360 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013582.D

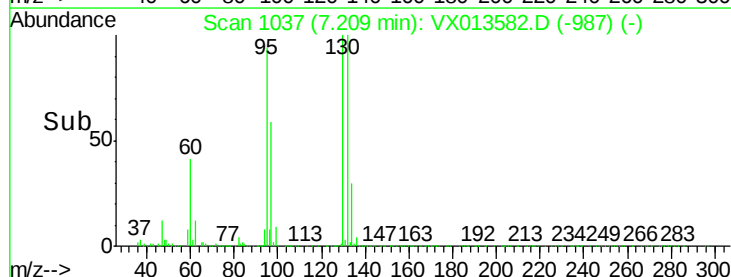
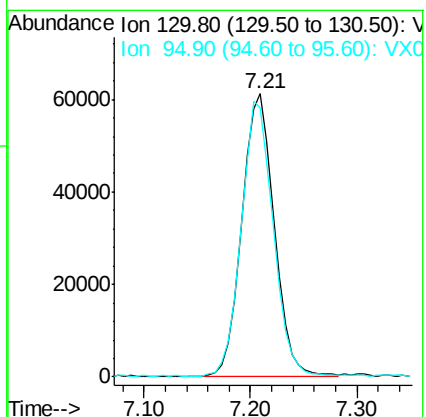
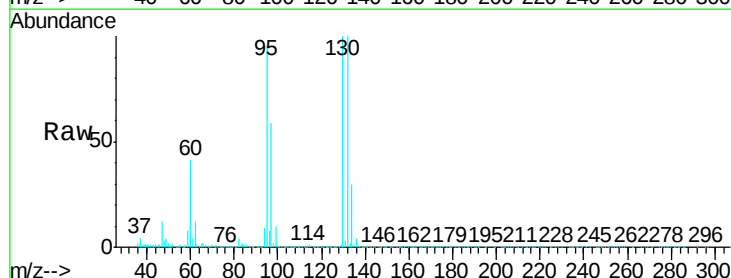
Acq: 25 Nov 2019 15:37

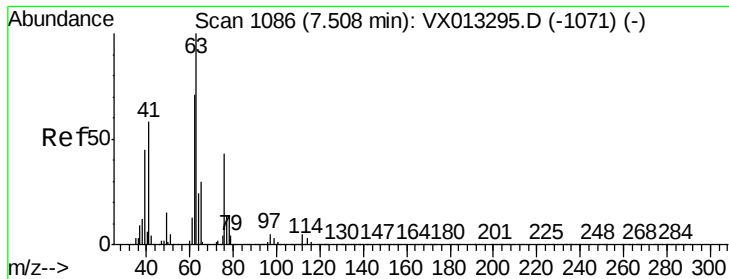
Tgt Ion: 130 Resp: 130455

Ion Ratio Lower Upper

130 100

95 95.2 0.0 184.8

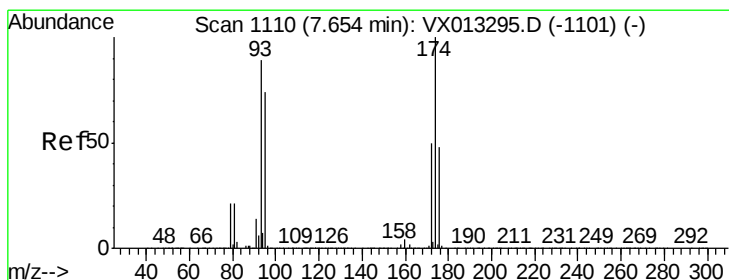
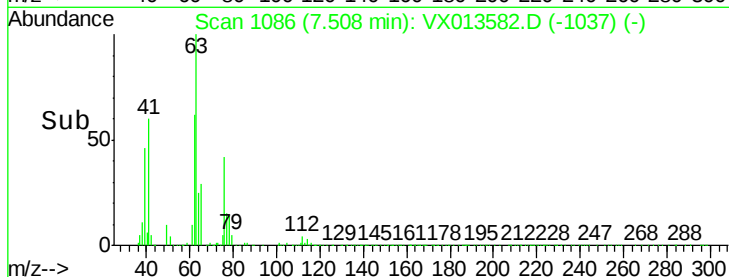
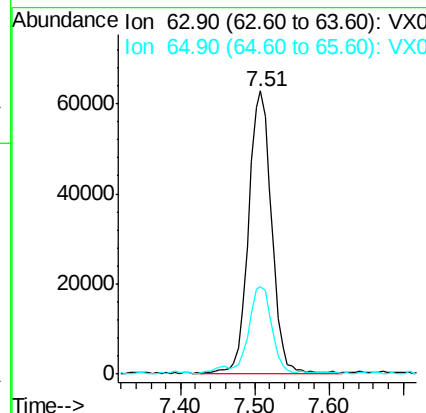
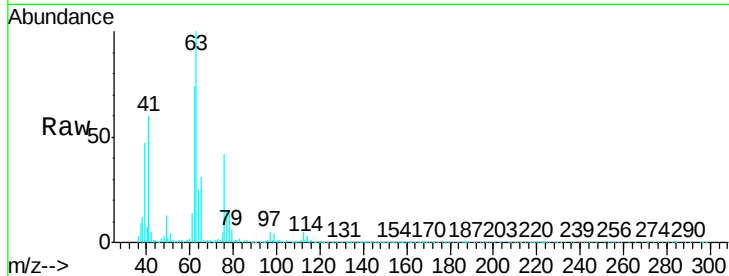




#45
 1,2-Dichloropropane
 Concen: 20.549 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013582.D
 Acq: 25 Nov 2019 15:37

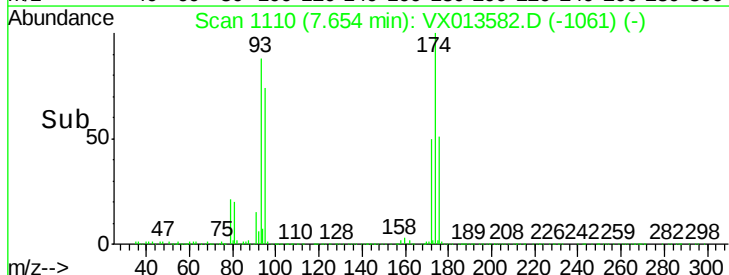
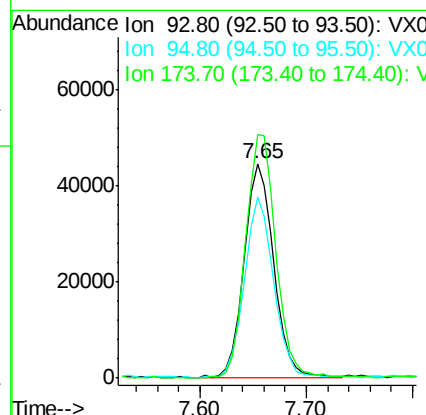
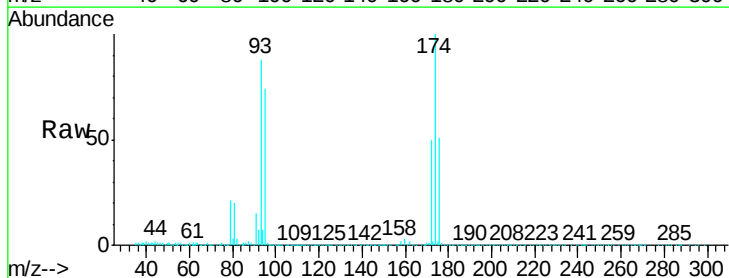
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WS01

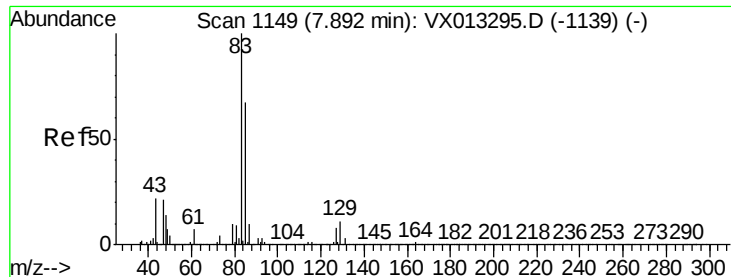
Tgt Ion: 63 Resp: 135152
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.3 36.5



#46
 Dibromomethane
 Concen: 19.395 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013582.D
 Acq: 25 Nov 2019 15:37

Tgt Ion: 93 Resp: 87096
 Ion Ratio Lower Upper
 93 100
 95 84.4 65.8 98.6
 174 116.7 90.4 135.6





#47

Bromodichloromethane

Concen: 19.726 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

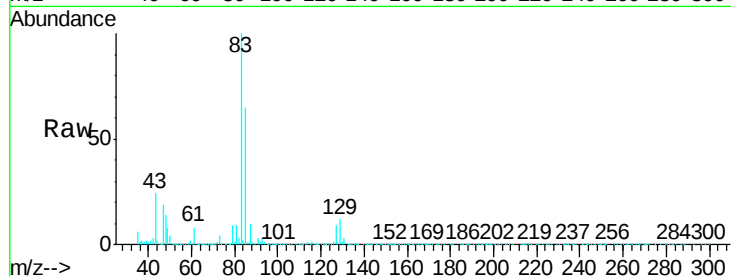
Tgt Ion: 83 Resp: 167043

Ion Ratio Lower Upper

83 100

85 64.8 53.7 80.5

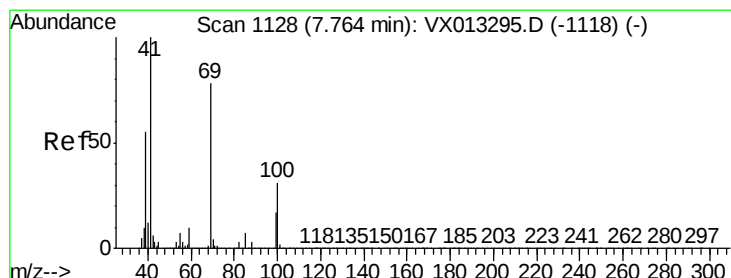
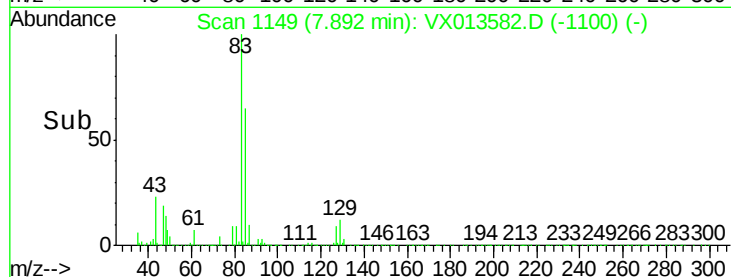
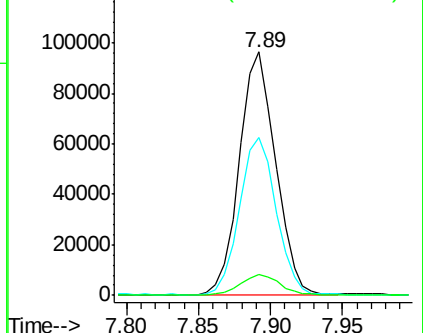
127 8.5 6.4 9.6



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: 19.886 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

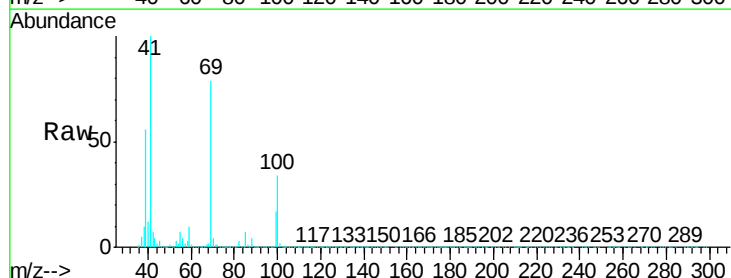
Tgt Ion: 41 Resp: 158286

Ion Ratio Lower Upper

41 100

69 82.4 63.0 94.6

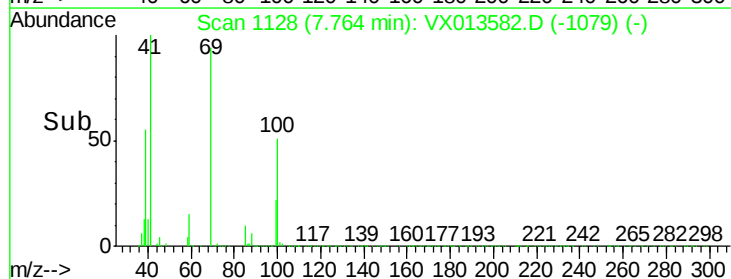
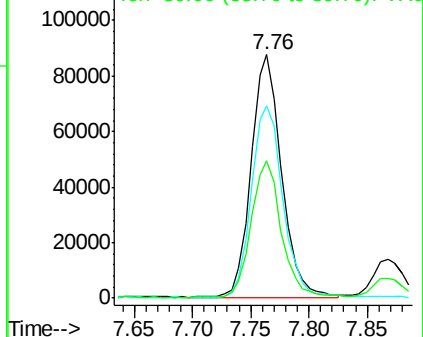
39 56.3 45.9 68.9

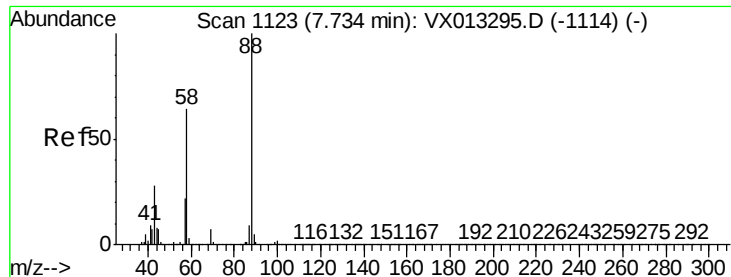


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

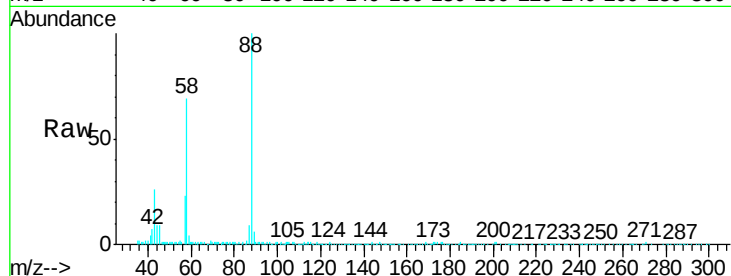




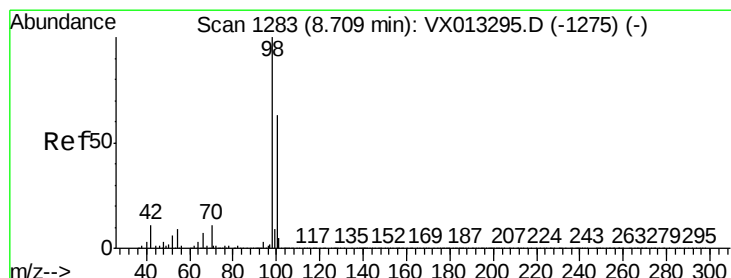
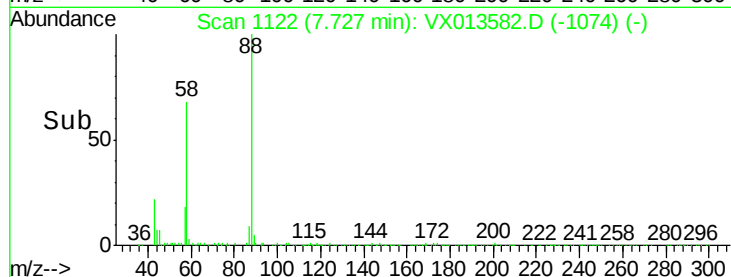
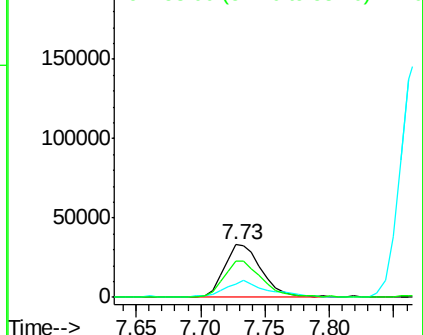
#49
1,4-Dioxane
Concen: 366.047 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

Tgt Ion: 88 Resp: 66724
Ion Ratio Lower Upper
88 100
43 37.4 26.6 39.8
58 69.1 55.0 82.6

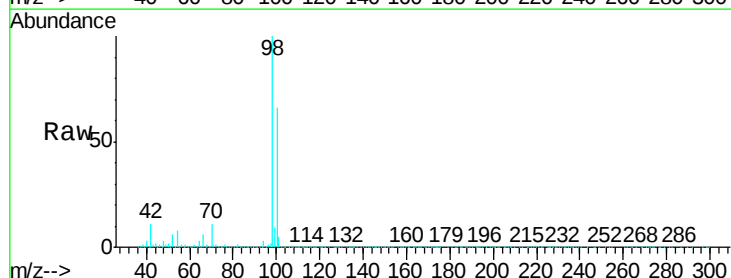


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

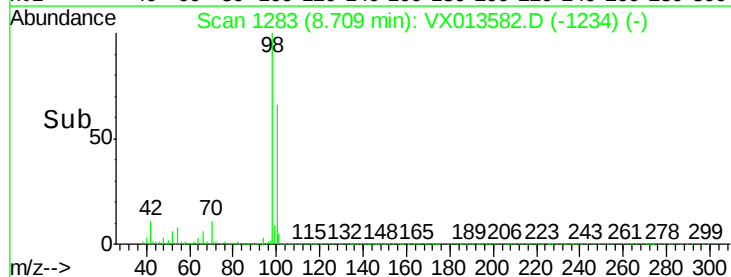
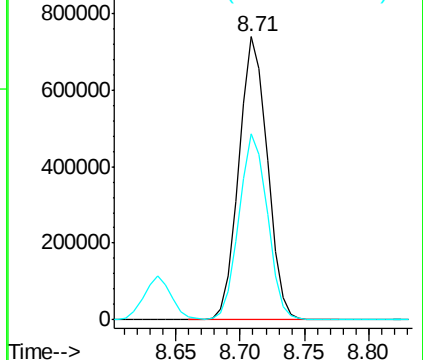


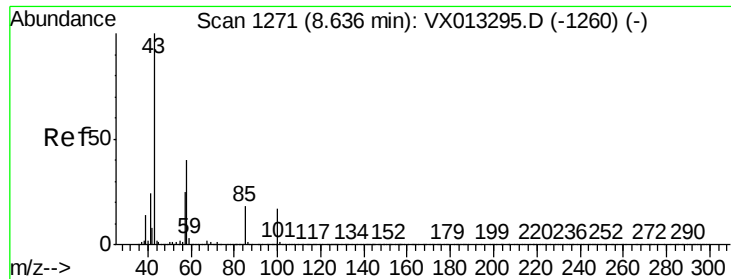
#50
Toluene-d8
Concen: 49.507 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion: 98 Resp: 1130789
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2



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

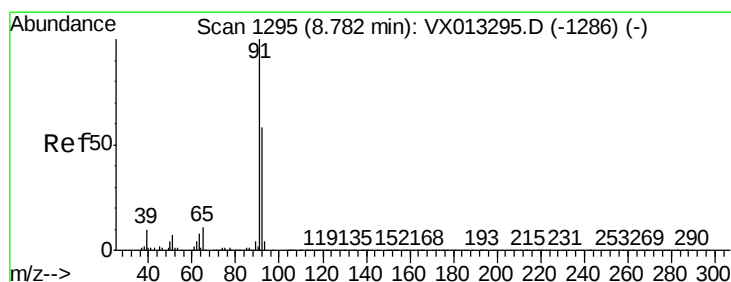
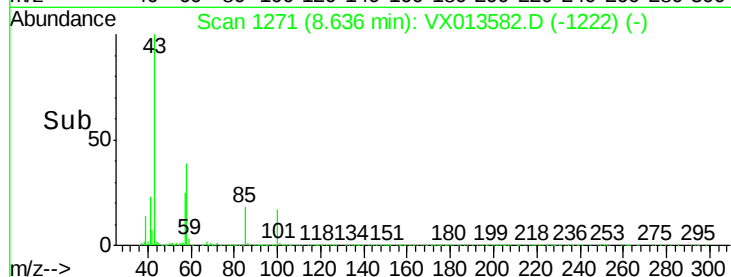
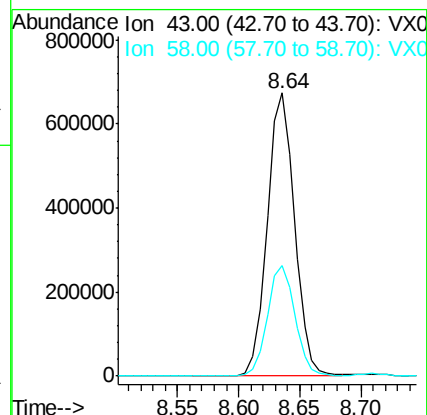
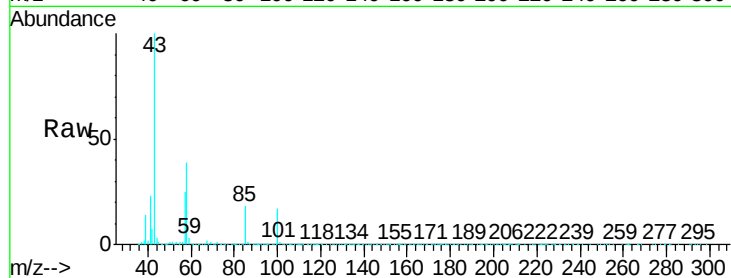




#51
 4-Methyl-2-Pentanone
 Concen: 100.171 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX013582.D
 Acq: 25 Nov 2019 15:37

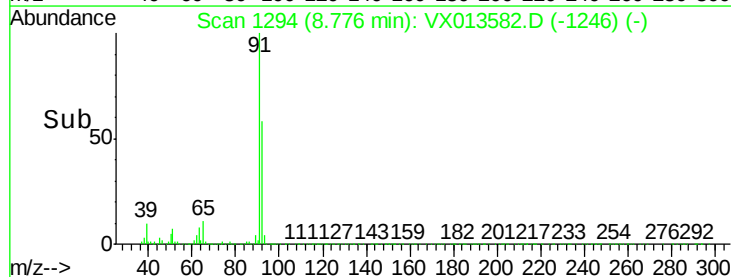
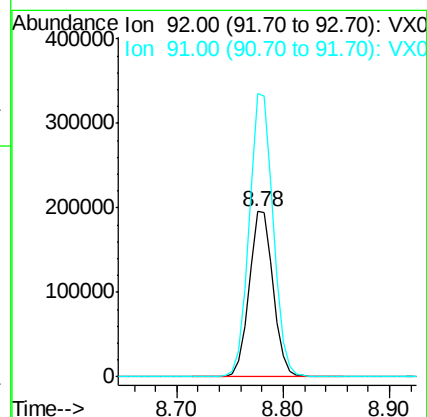
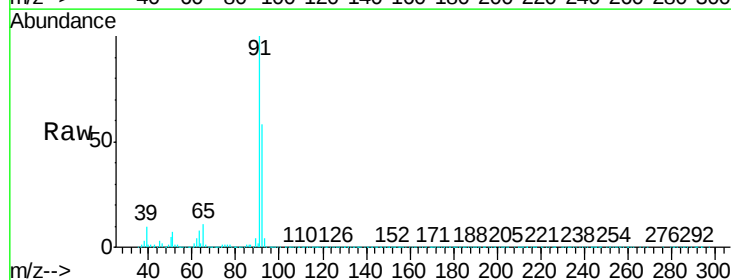
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBS01

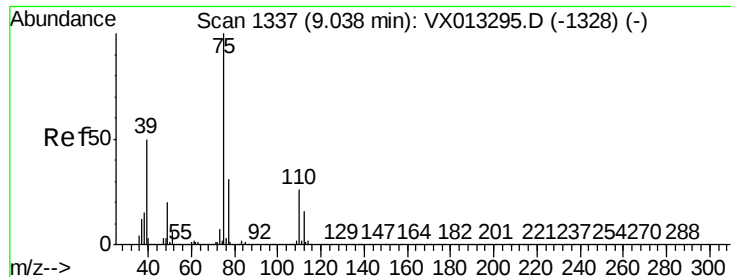
Tgt Ion: 43 Resp: 1047938
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.4 47.0



#52
 Toluene
 Concen: 19.379 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX013582.D
 Acq: 25 Nov 2019 15:37

Tgt Ion: 92 Resp: 310041
 Ion Ratio Lower Upper
 92 100
 91 170.9 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 19.982 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampled :

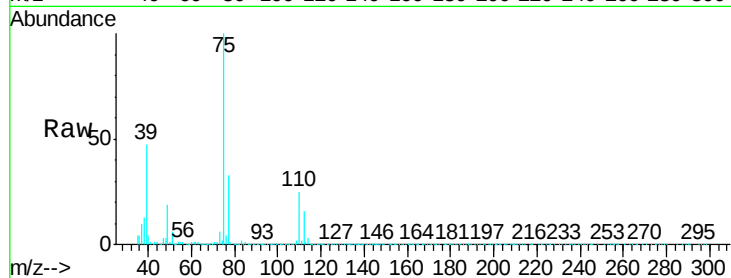
VX1125WBS01

Tgt Ion: 75 Resp: 185030

Ion Ratio Lower Upper

75 100

77 32.7 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

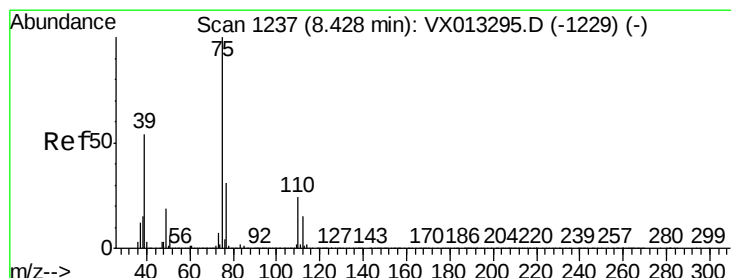
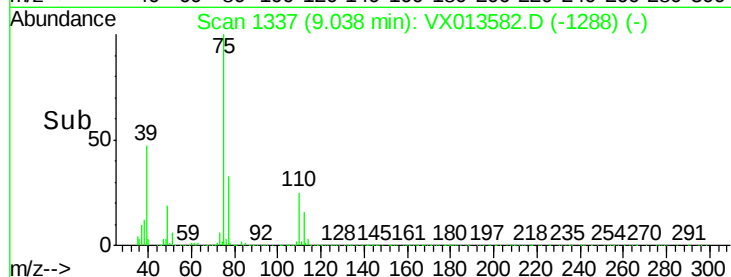
150000

100000

50000

0

Time--> 8.95 9.00 9.05 9.10



#54

cis-1,3-Dichloropropene

Concen: 20.035 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

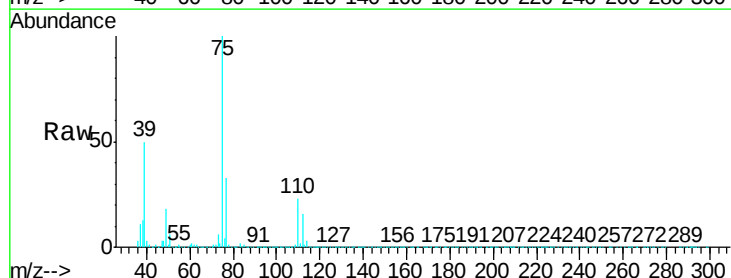
Tgt Ion: 75 Resp: 207525

Ion Ratio Lower Upper

75 100

77 32.7 24.7 37.1

39 49.8 43.0 64.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

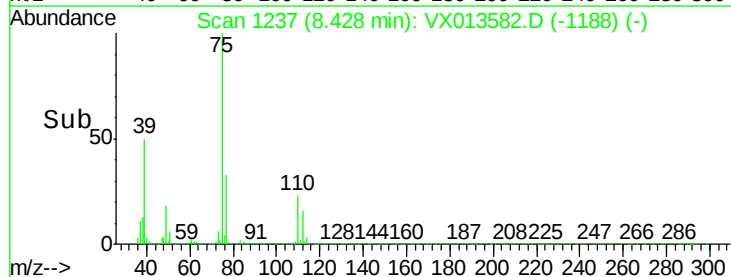
150000

100000

50000

0

Time--> 8.30 8.35 8.40 8.45 8.50





#55

1,1,2-Trichloroethane

Concen: 20.220 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampled :

VX1125WBS01

Tgt Ion: 97 Resp: 134091

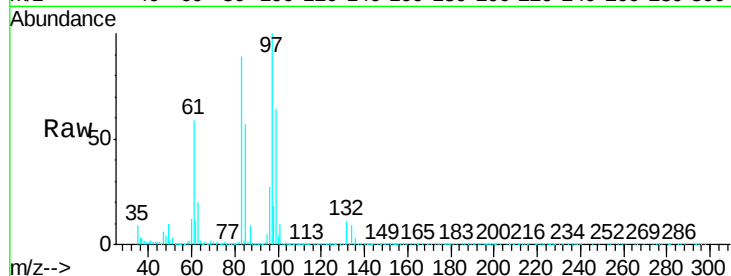
Ion Ratio Lower Upper

97 100

83 88.9 68.6 103.0

85 56.4 43.1 64.7

99 63.3 49.4 74.0

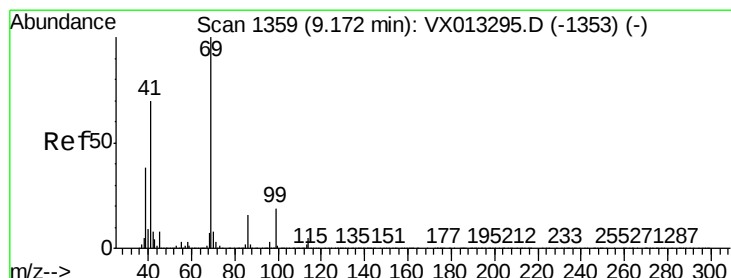
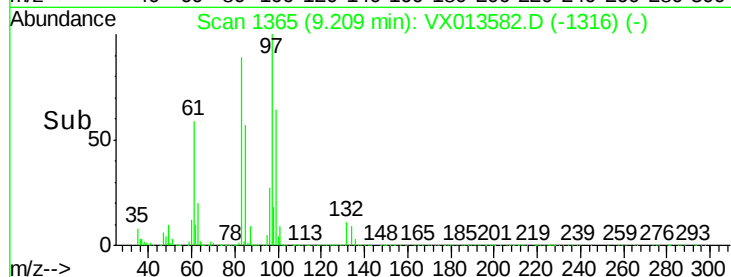
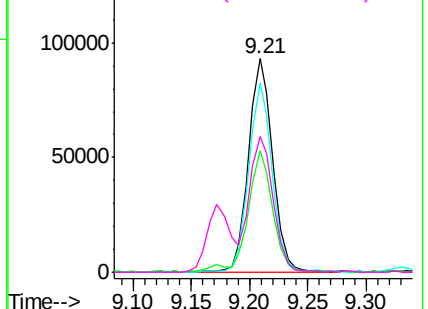


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.799 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

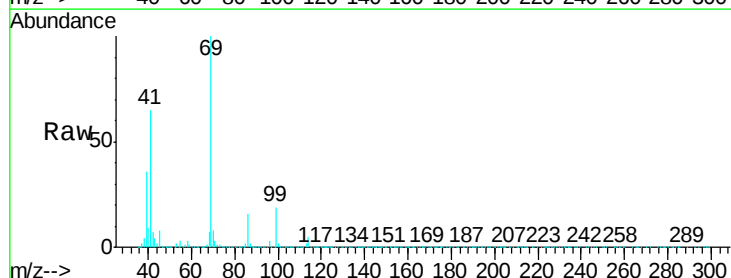
Tgt Ion: 69 Resp: 213116

Ion Ratio Lower Upper

69 100

41 67.4 56.2 84.2

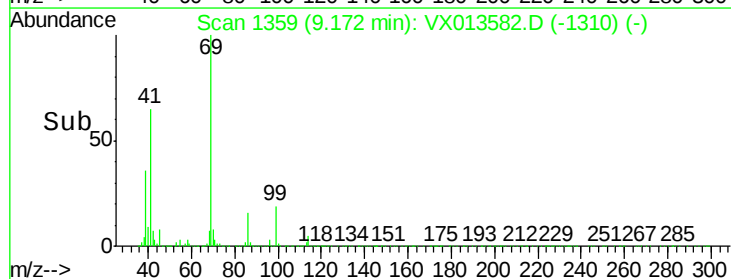
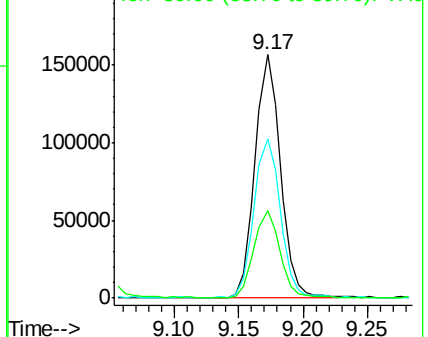
39 36.3 31.1 46.7

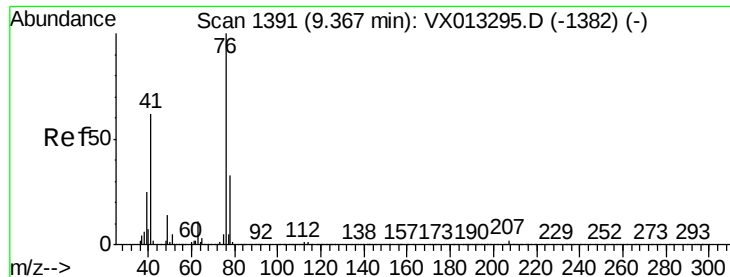


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.114 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

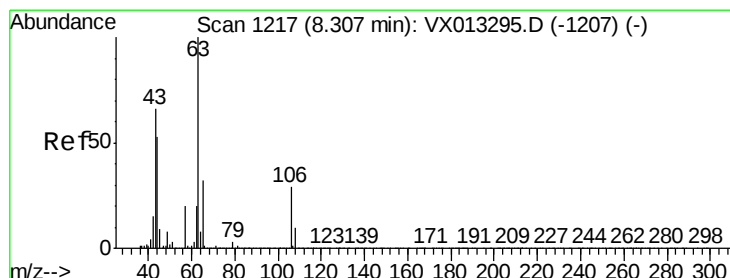
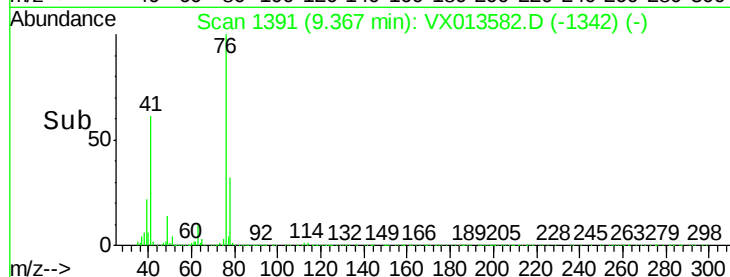
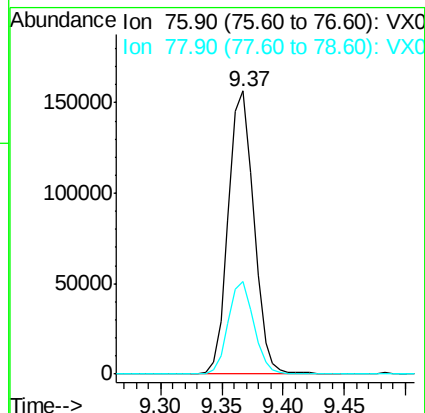
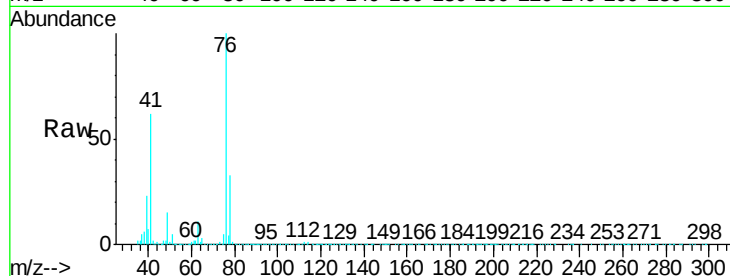
VX1125WBS01

Tgt Ion: 76 Resp: 226429

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 102.170 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013582.D

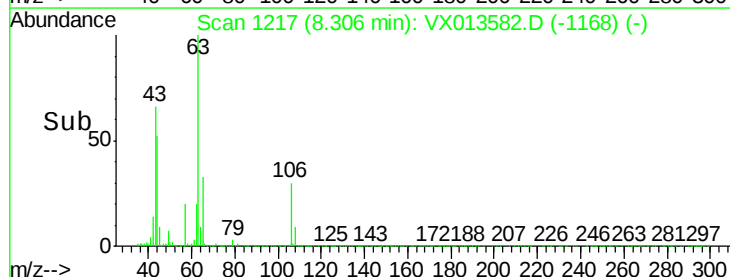
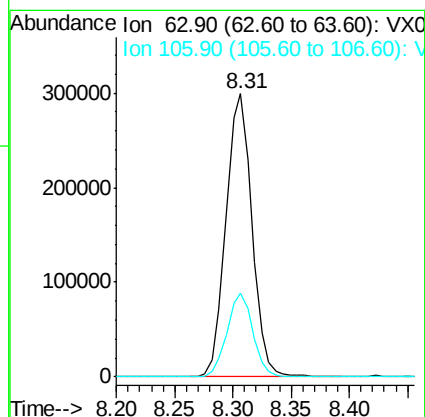
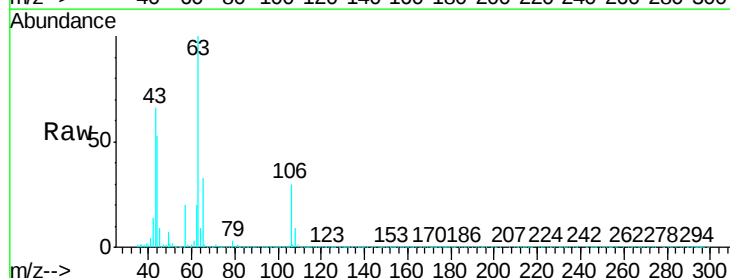
Acq: 25 Nov 2019 15:37

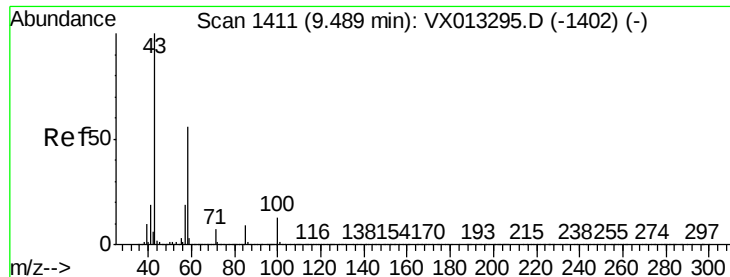
Tgt Ion: 63 Resp: 463266

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.2

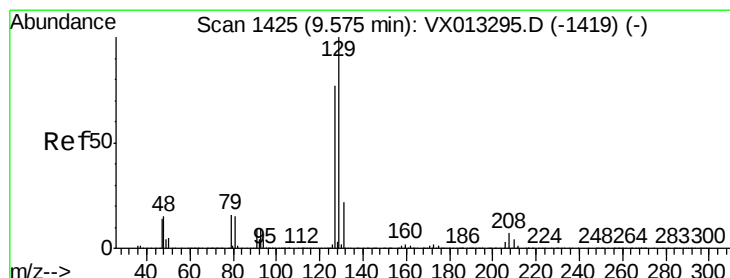
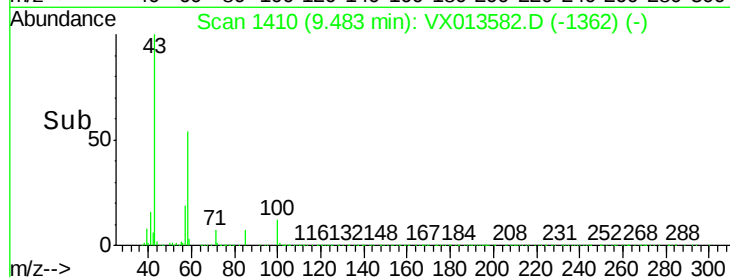
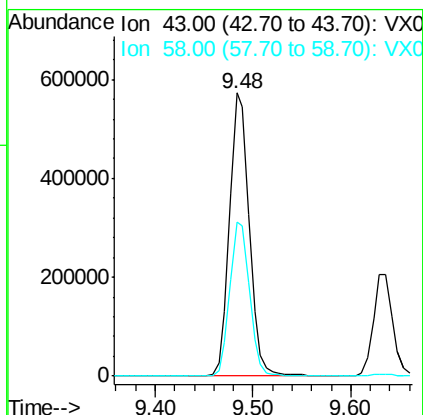
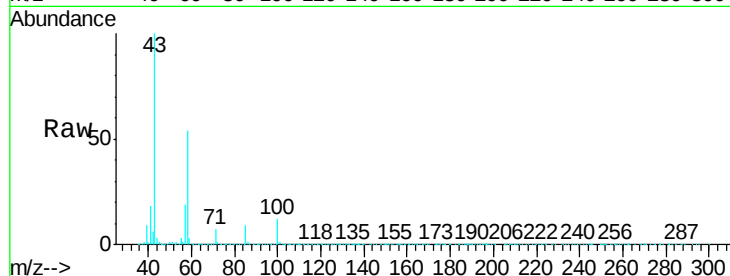




#59
2-Hexanone
Concen: 99.282 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

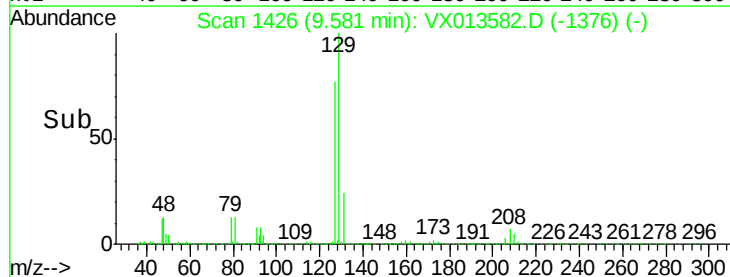
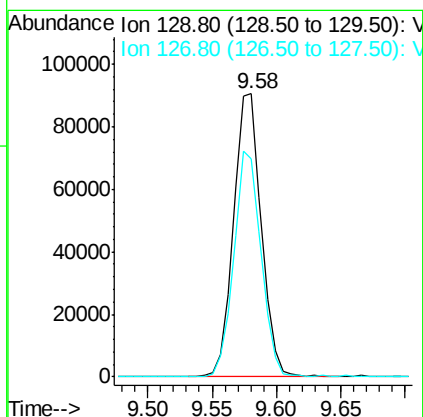
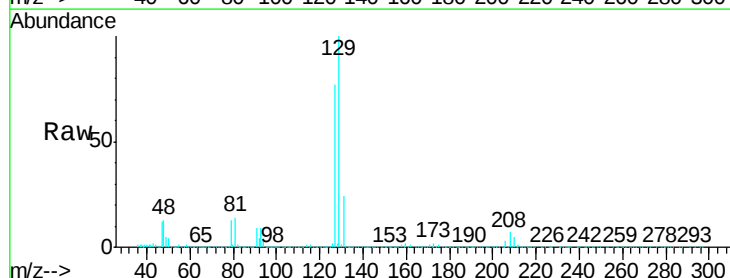
Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

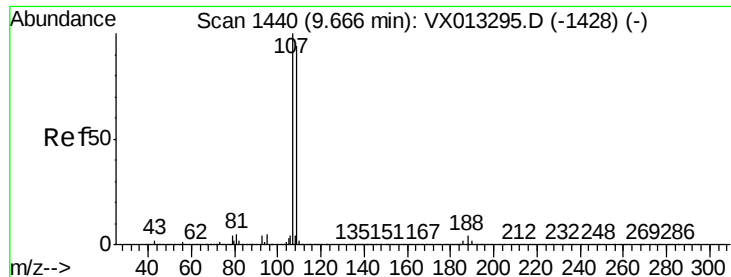
Tgt Ion: 43 Resp: 802638
Ion Ratio Lower Upper
43 100
58 54.8 27.3 81.8



#60
Dibromochloromethane
Concen: 19.950 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion: 129 Resp: 135307
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.577 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

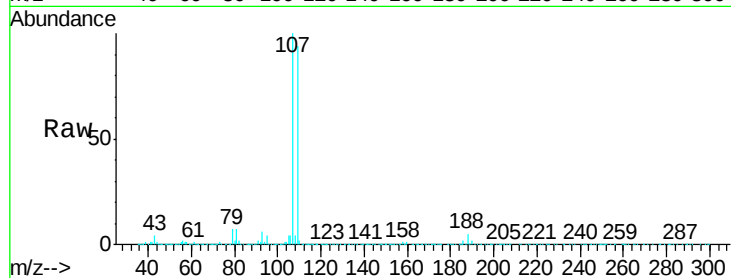
VX1125WBS01

Tgt Ion: 107 Resp: 137859

Ion Ratio Lower Upper

107 100

109 95.9 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

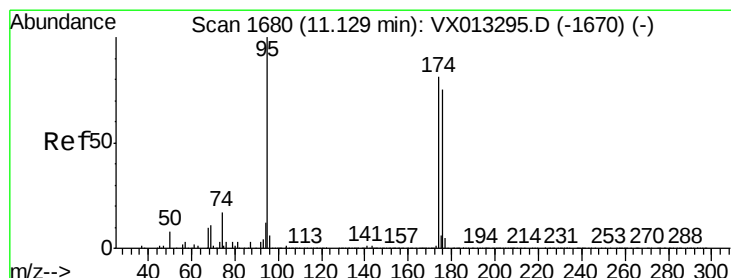
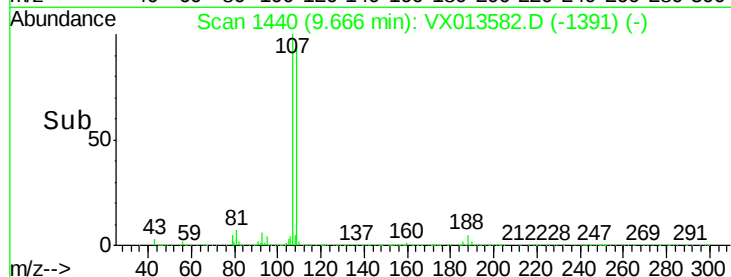
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.044 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

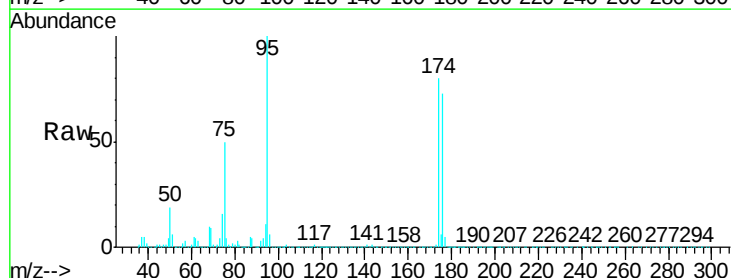
Tgt Ion: 95 Resp: 412534

Ion Ratio Lower Upper

95 100

174 88.3 0.0 179.8

176 84.5 0.0 173.0



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

11.13

400000

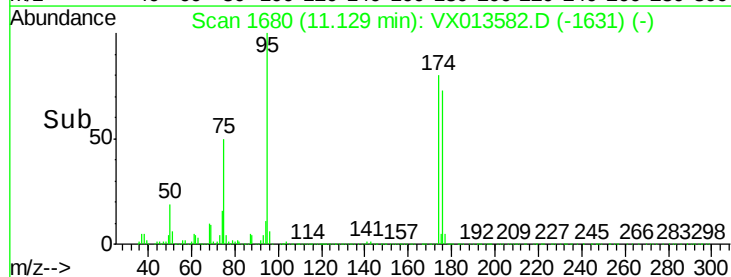
300000

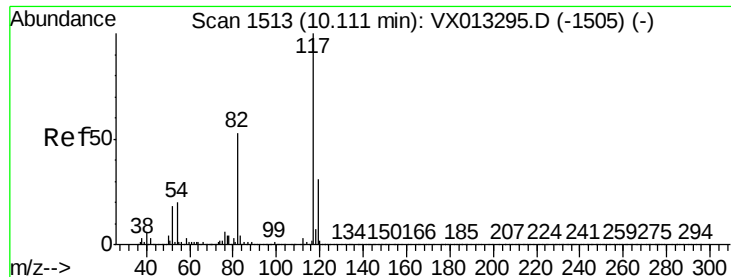
200000

100000

0

Time-->

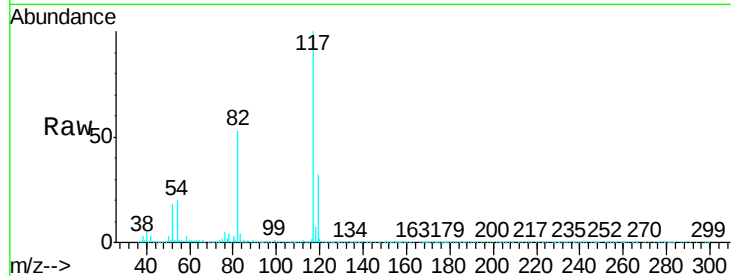




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.6	64.0
119	32.1	24.8	37.2

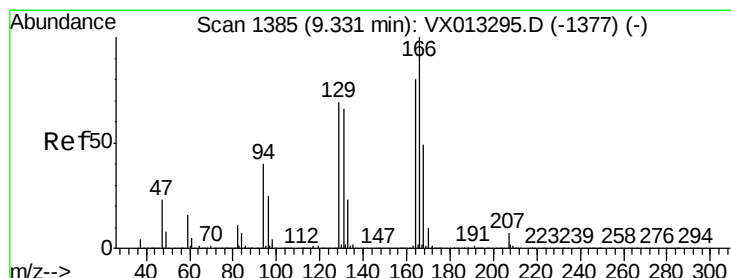
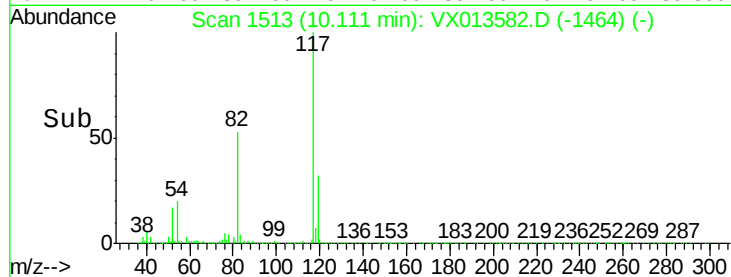
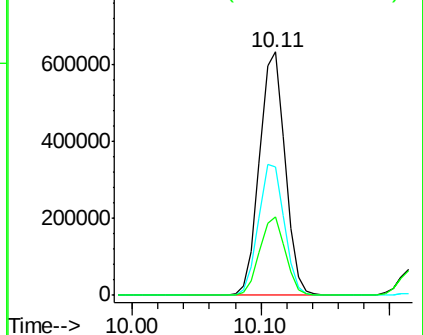


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 18.424 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	100.4	150.6
129	88.2	69.4	104.2
131	85.7	66.6	100.0

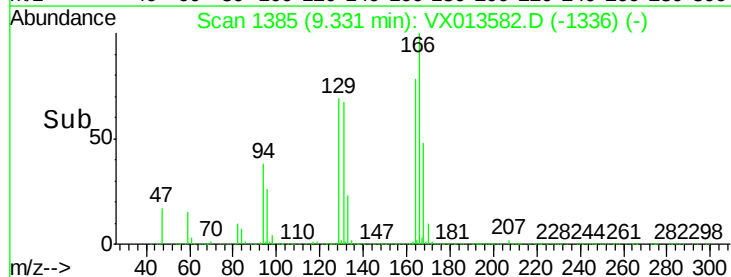
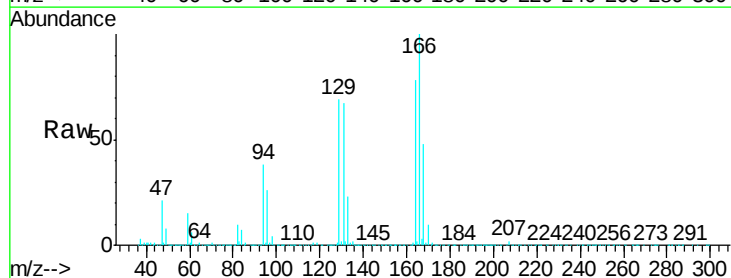
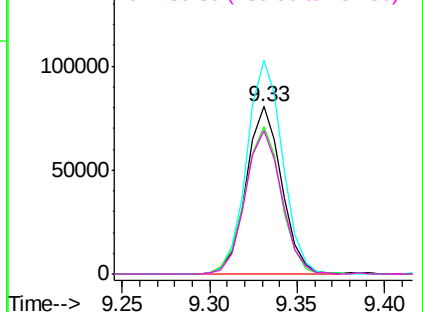
Abundance

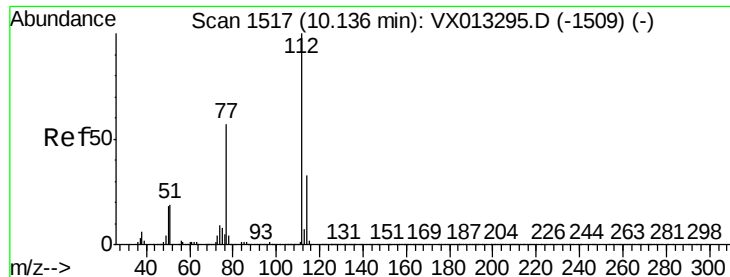
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.340 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampled :

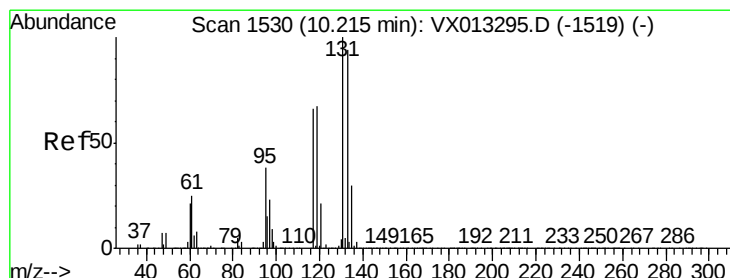
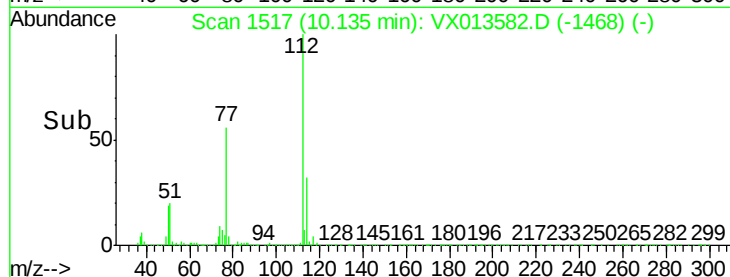
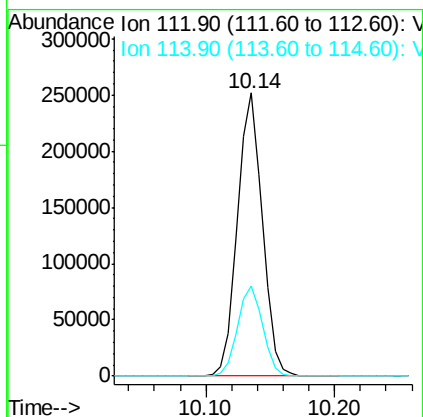
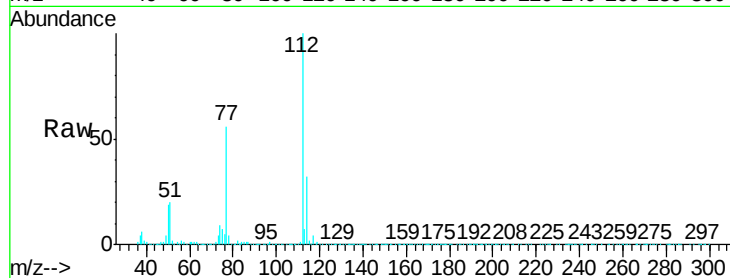
VX1125WBS01

Tgt Ion:112 Resp: 338634

Ion Ratio Lower Upper

112 100

114 31.9 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.170 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

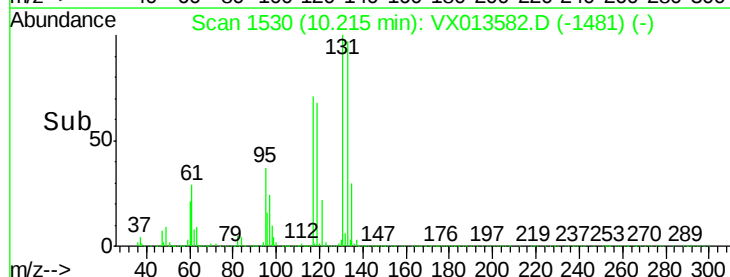
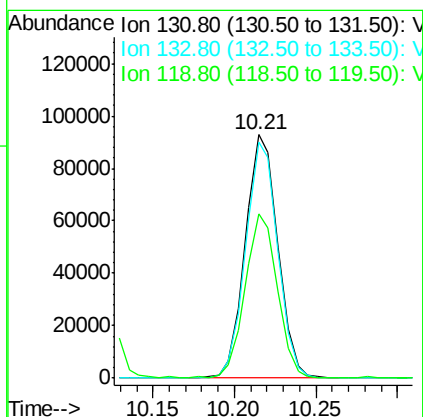
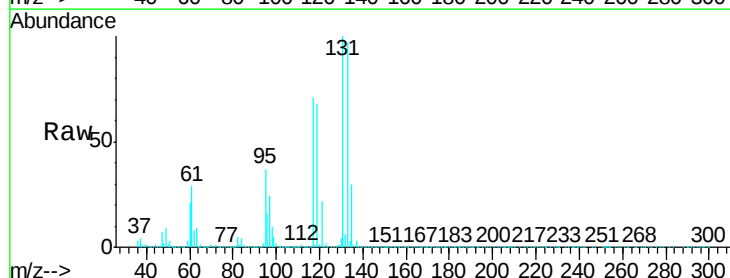
Tgt Ion:131 Resp: 129675

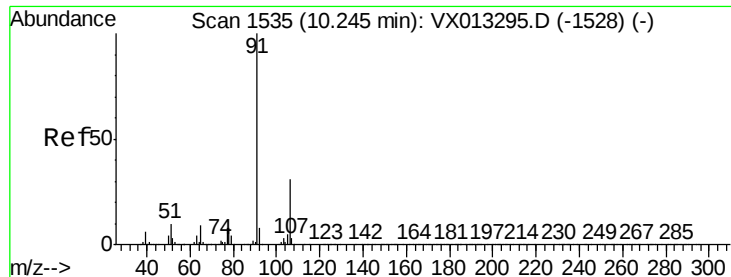
Ion Ratio Lower Upper

131 100

133 95.6 48.0 144.0

119 66.4 33.0 99.0





#67

Ethyl Benzene

Concen: 19.116 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

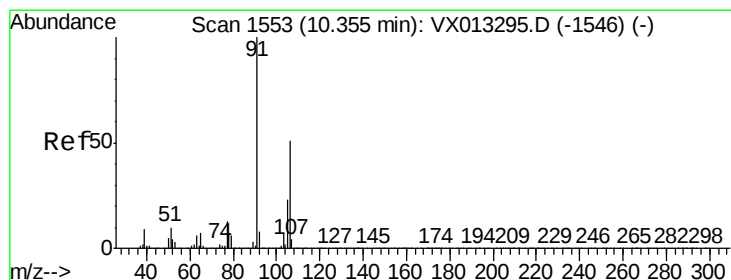
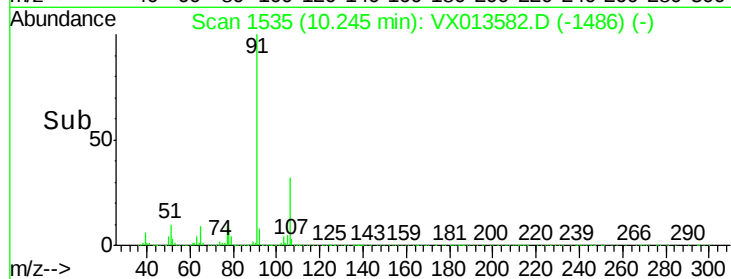
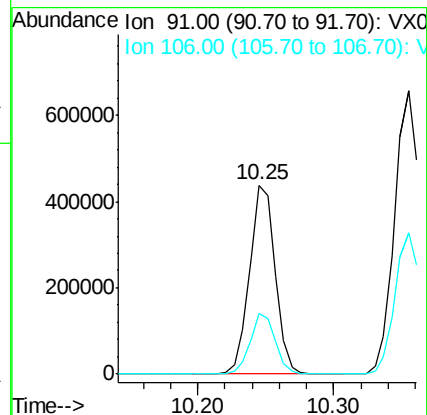
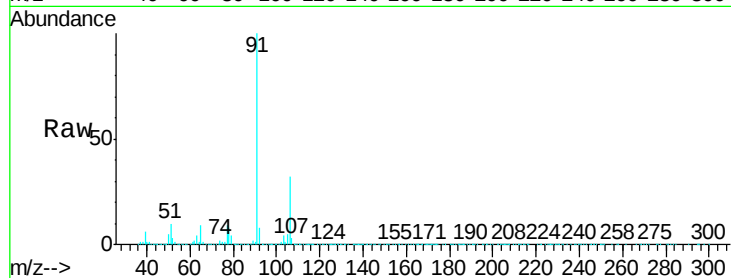
VX1125WBS01

Tgt Ion: 91 Resp: 577684

Ion Ratio Lower Upper

91 100

106 32.0 24.6 36.8



#68

m/p-Xylenes

Concen: 38.550 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013582.D

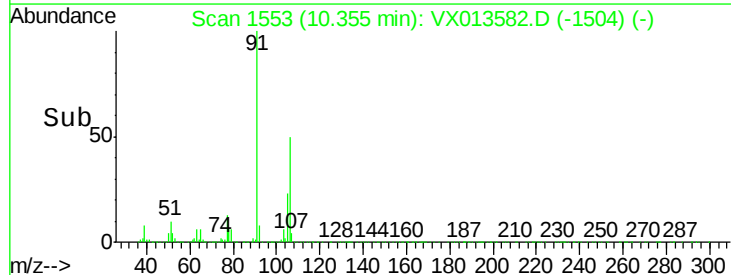
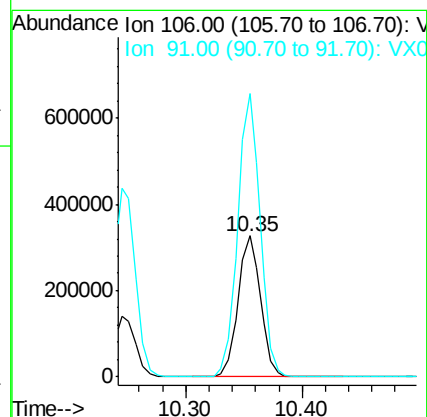
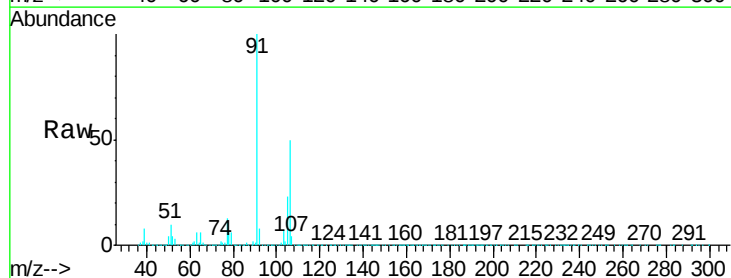
Acq: 25 Nov 2019 15:37

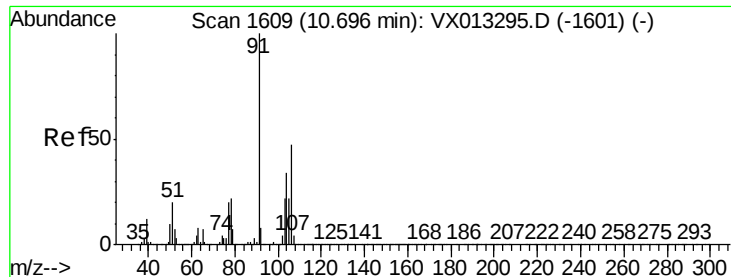
Tgt Ion: 106 Resp: 440579

Ion Ratio Lower Upper

106 100

91 199.8 159.3 238.9

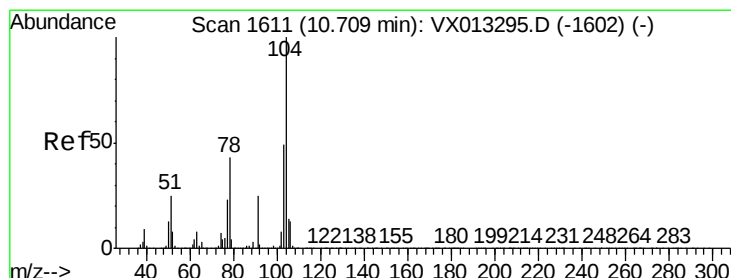
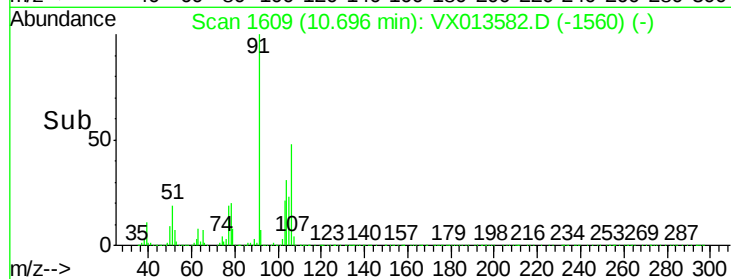
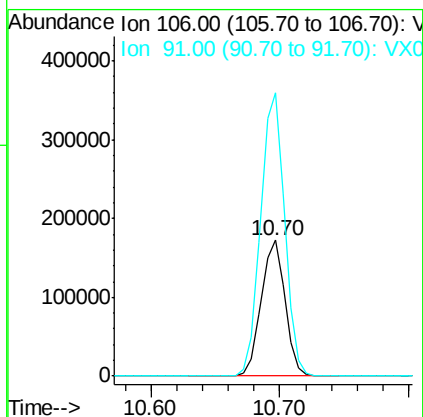
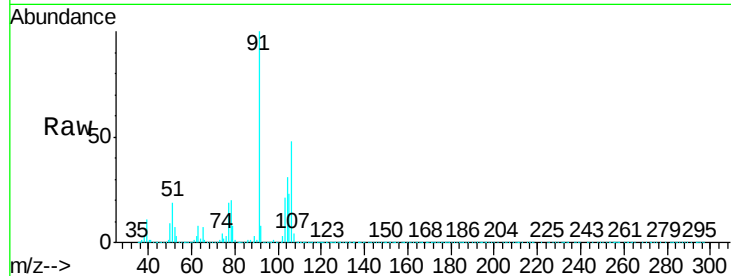




#69
o-Xylene
Concen: 19.634 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

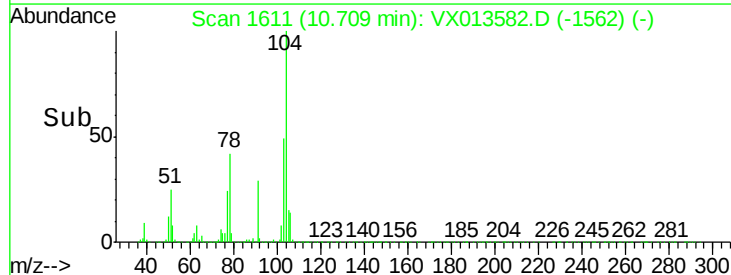
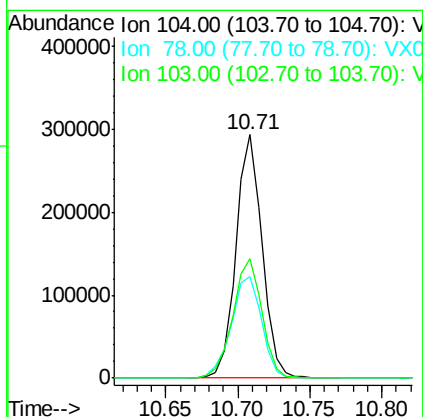
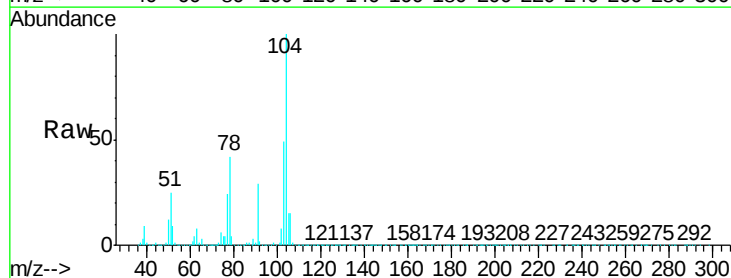
Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

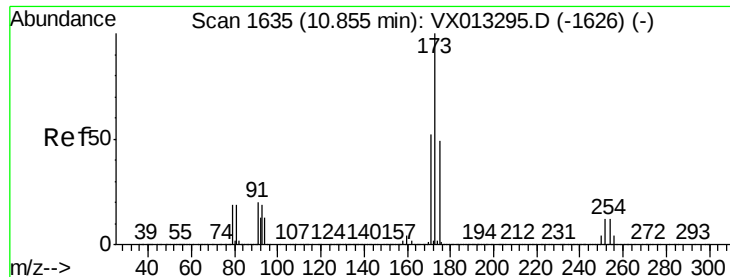
Tgt Ion:106 Resp: 219682
Ion Ratio Lower Upper
106 100
91 209.3 105.7 317.0



#70
Styrene
Concen: 19.874 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion:104 Resp: 371710
Ion Ratio Lower Upper
104 100
78 48.8 40.0 60.0
103 54.8 44.1 66.1





#71

Bromoform

Concen: 19.206 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampled :

VX1125WBS01

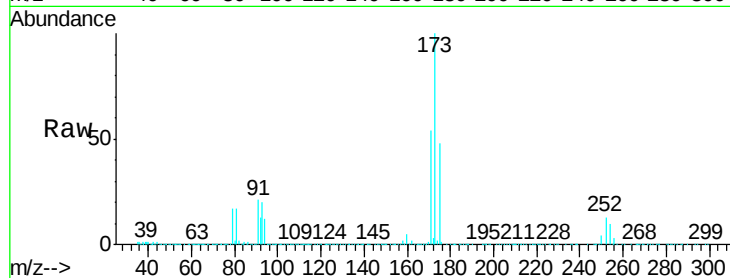
Tgt Ion:173 Resp: 101927

Ion Ratio Lower Upper

173 100

175 49.8 24.8 74.4

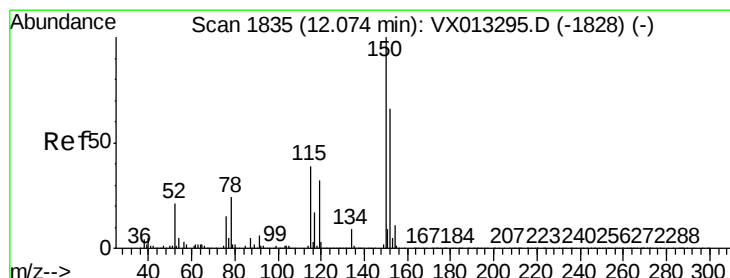
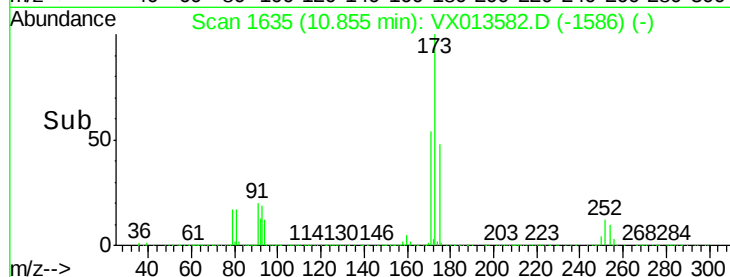
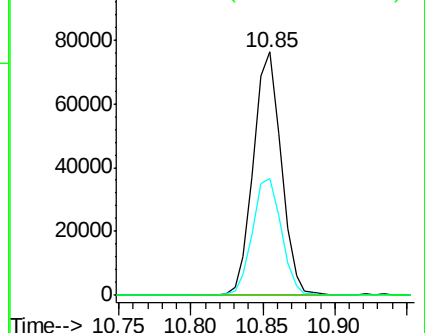
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

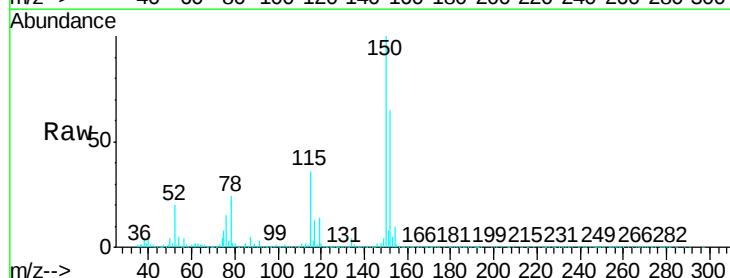
Tgt Ion:152 Resp: 436289

Ion Ratio Lower Upper

152 100

115 63.1 39.5 118.3

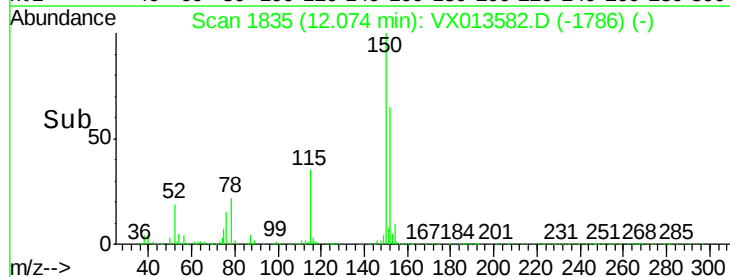
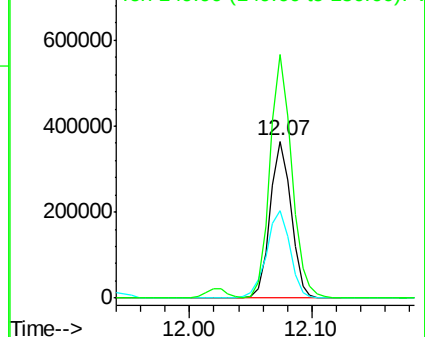
150 160.6 0.0 344.4

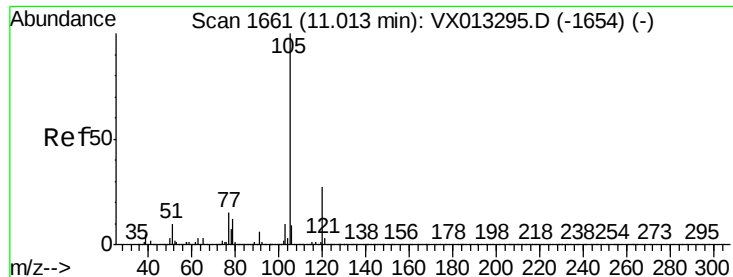


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.928 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

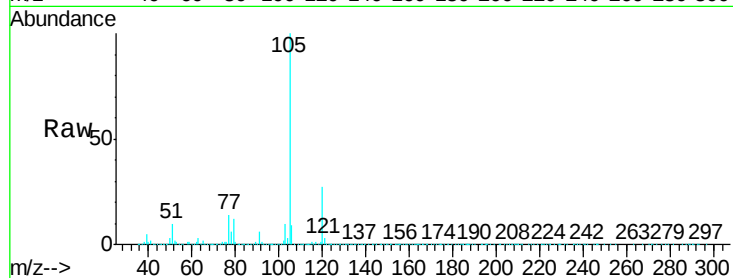
VX1125WBS01

Tgt Ion: 105 Resp: 576453

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

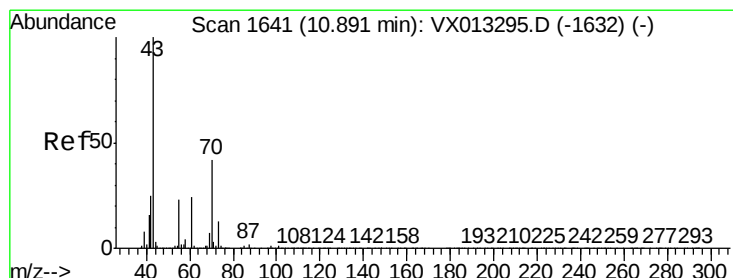
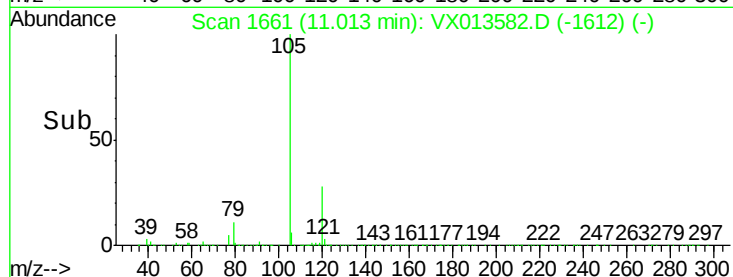
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 20.993 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Tgt Ion: 43 Resp: 281603

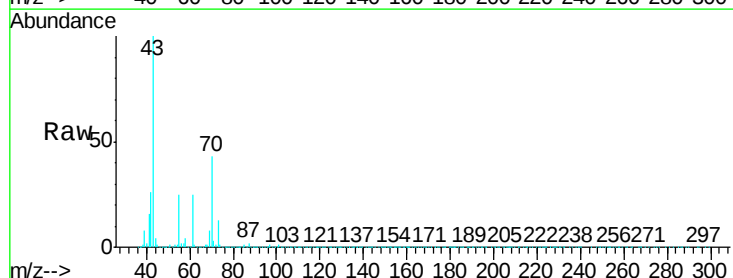
Ion Ratio Lower Upper

43 100

70 42.1 34.1 51.1

55 24.4 18.9 28.3

61 24.6 19.2 28.8



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

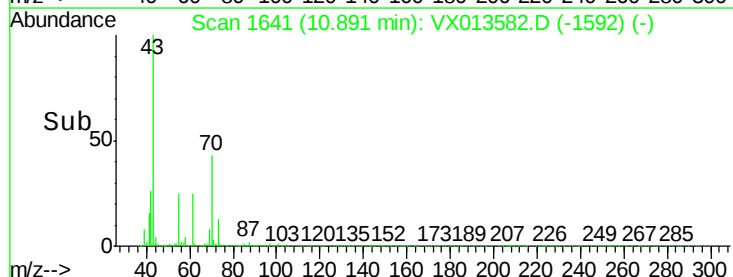
300000

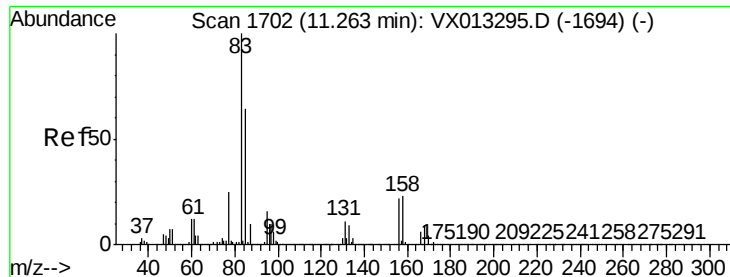
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.683 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

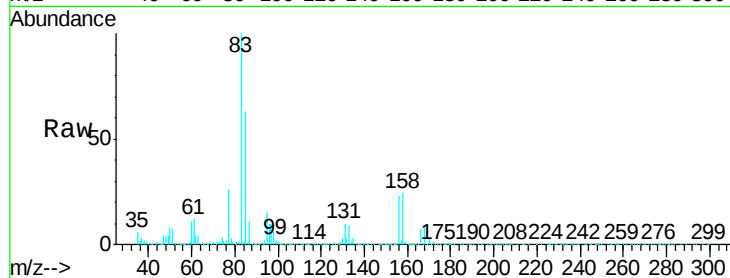
Tgt Ion: 83 Resp: 218266

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

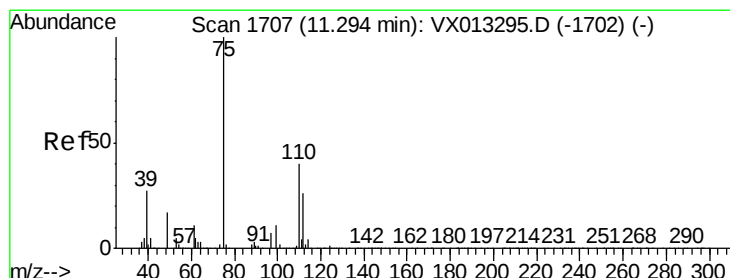
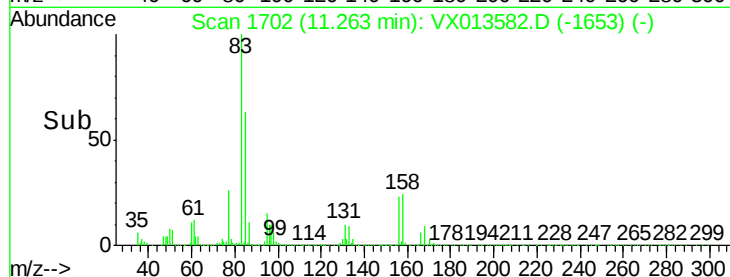
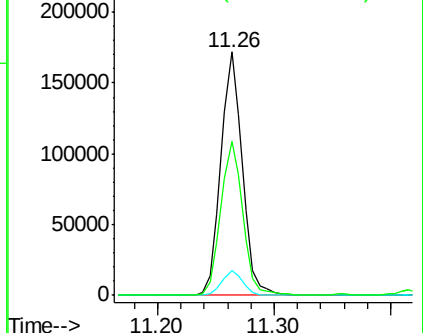
85 64.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.509 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013582.D

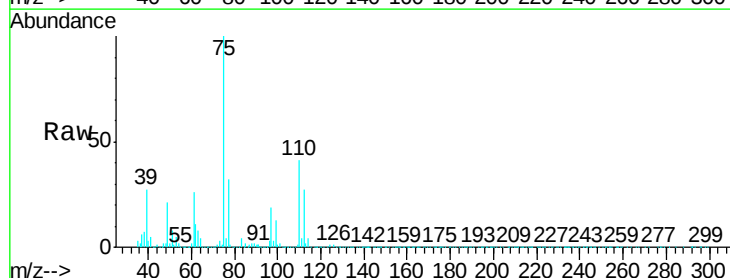
Acq: 25 Nov 2019 15:37

Tgt Ion: 75 Resp: 234915

Ion Ratio Lower Upper

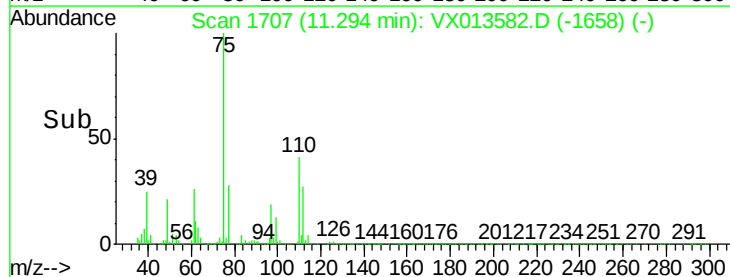
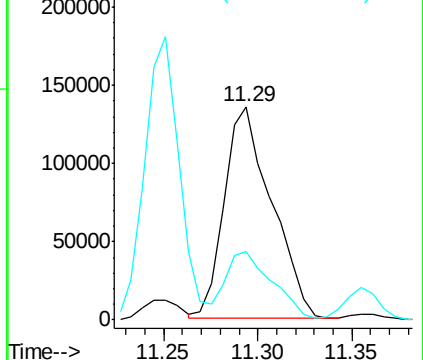
75 100

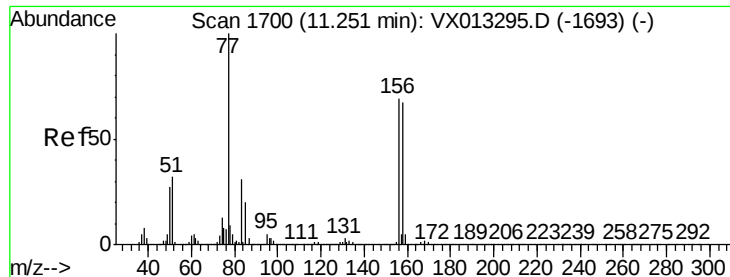
77 31.7 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

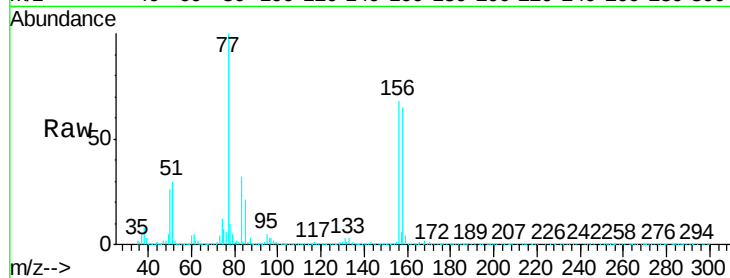




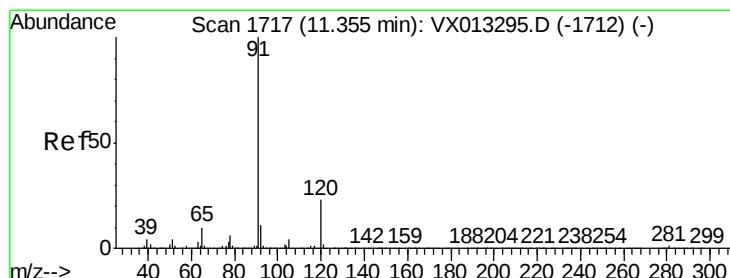
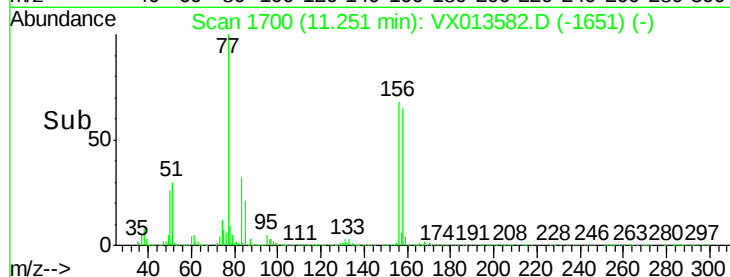
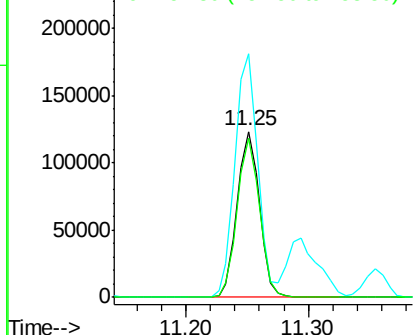
#77
Bromobenzene
Concen: 19.965 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

Tgt Ion: 156 Resp: 153957
Ion Ratio Lower Upper
156 100
77 151.5 75.8 227.4
158 97.0 47.6 142.8

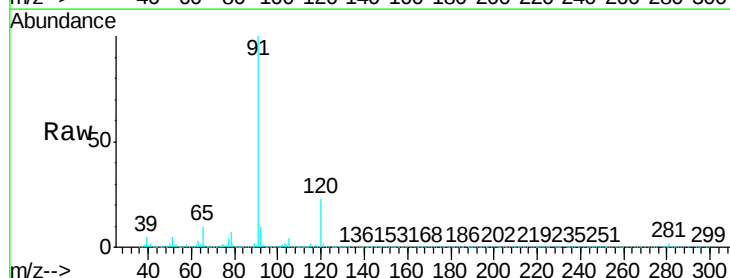


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

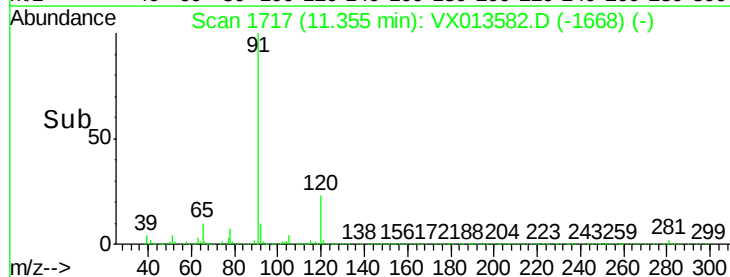
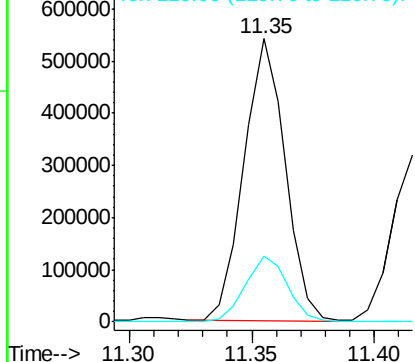


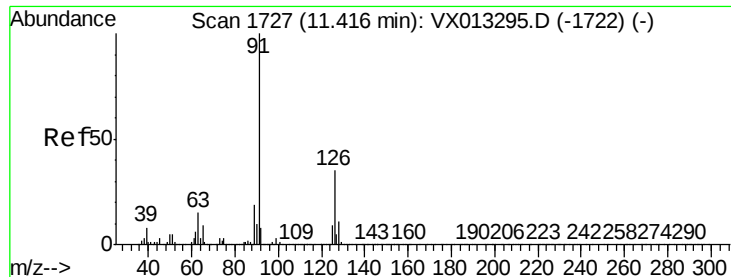
#78
n-propylbenzene
Concen: 19.752 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion: 91 Resp: 636469
Ion Ratio Lower Upper
91 100
120 23.9 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.259 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

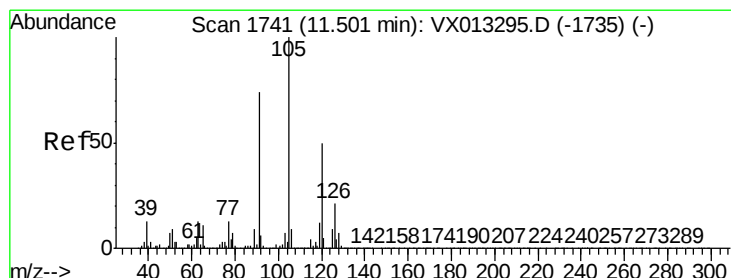
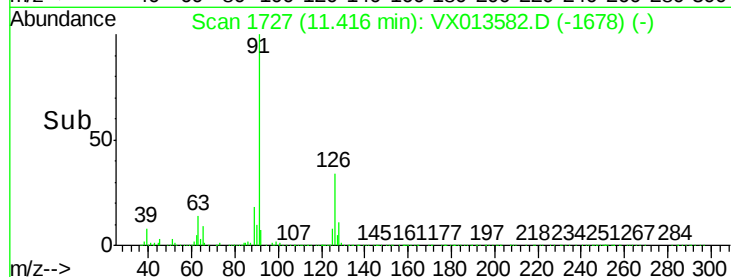
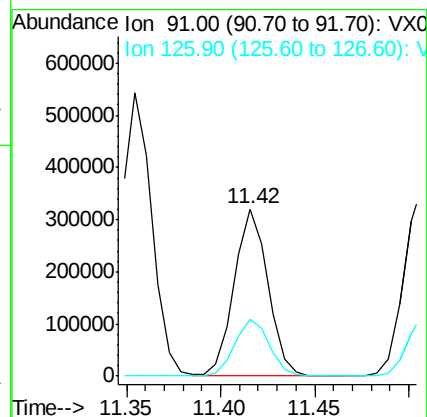
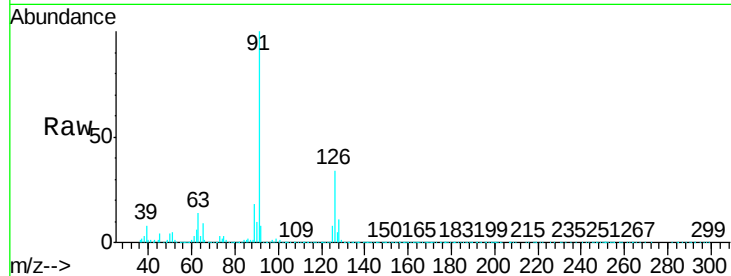
VX1125WBS01

Tgt Ion: 91 Resp: 393305

Ion Ratio Lower Upper

91 100

126 35.0 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 19.796 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013582.D

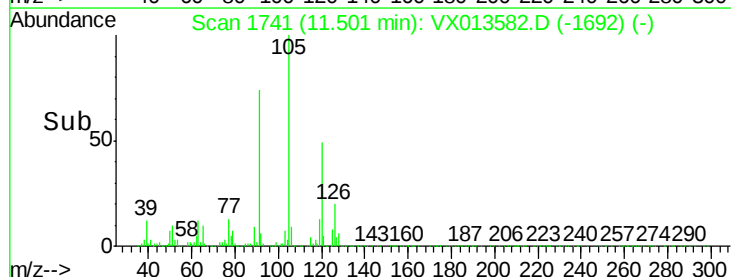
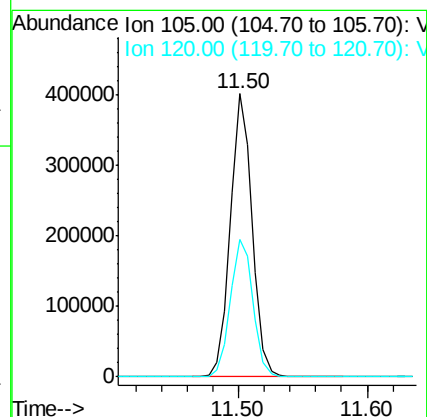
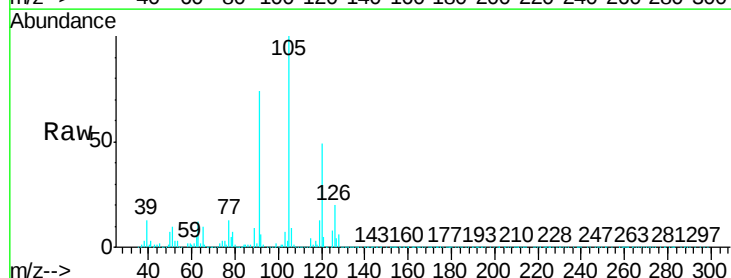
Acq: 25 Nov 2019 15:37

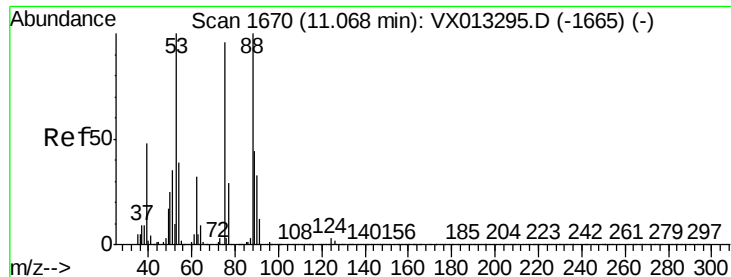
Tgt Ion: 105 Resp: 476967

Ion Ratio Lower Upper

105 100

120 50.5 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.989 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

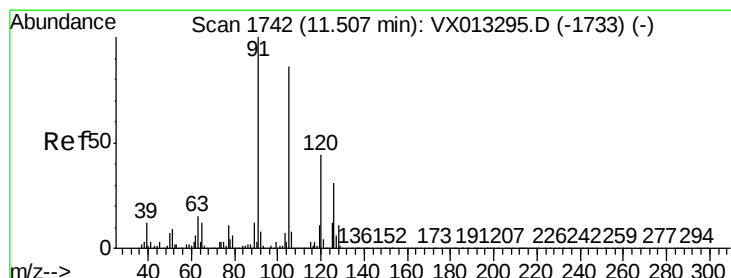
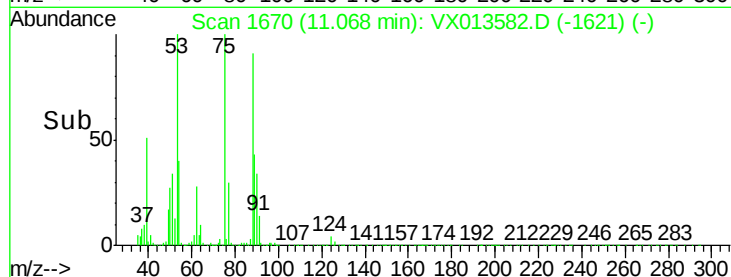
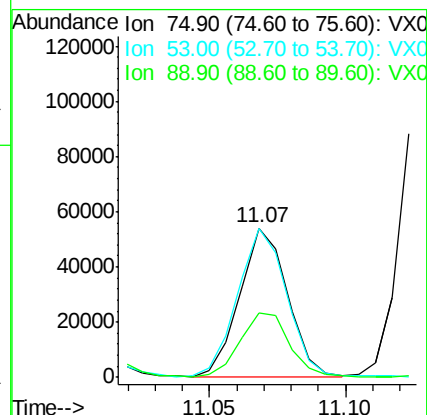
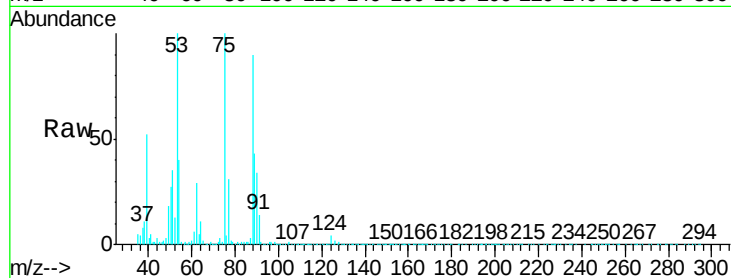
Tgt Ion: 75 Resp: 65374

Ion Ratio Lower Upper

75 100

53 102.8 81.0 121.6

89 44.2 36.0 54.0



#82

4-Chlorotoluene

Concen: 19.589 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013582.D

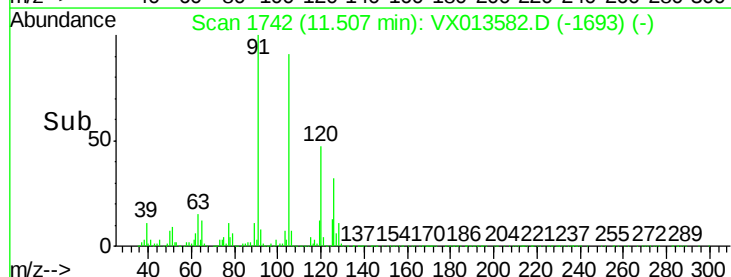
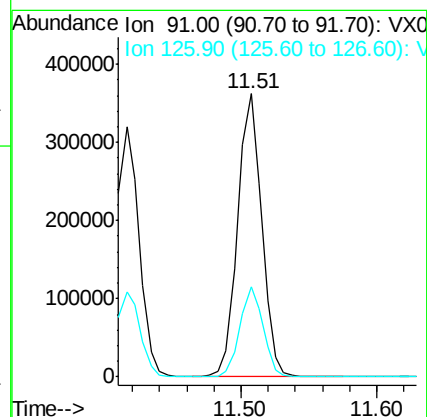
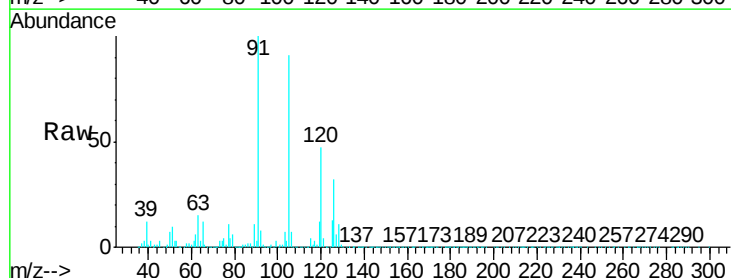
Acq: 25 Nov 2019 15:37

Tgt Ion: 91 Resp: 445187

Ion Ratio Lower Upper

91 100

126 30.9 15.3 45.8

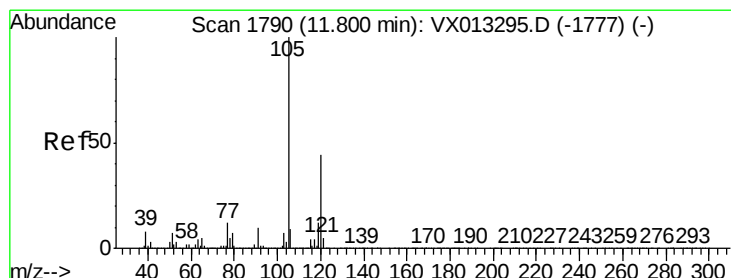
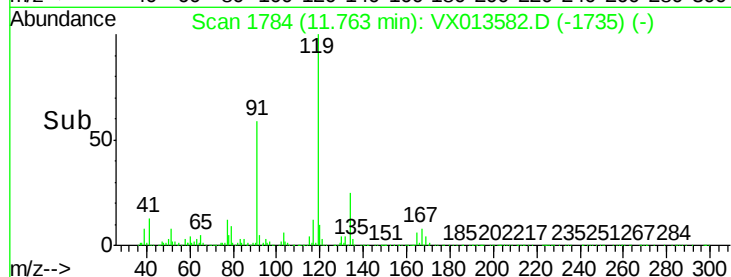
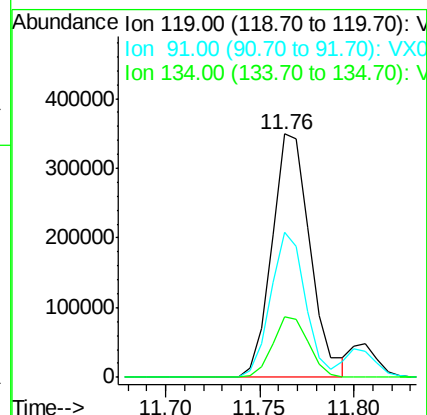
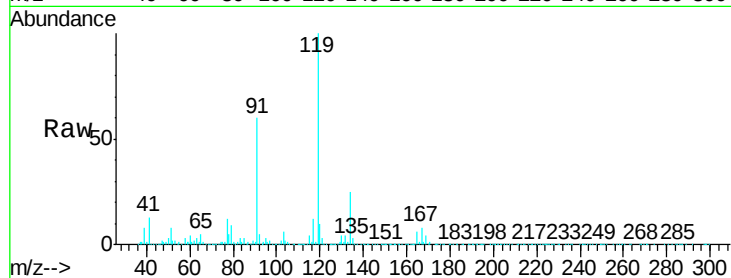




#83
tert-Butylbenzene
Concen: 20.222 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

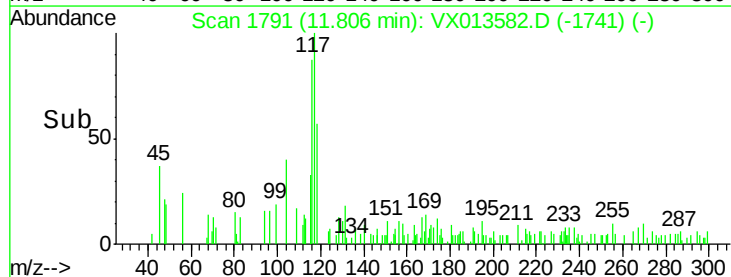
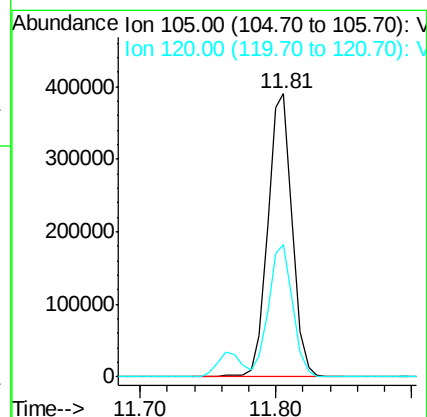
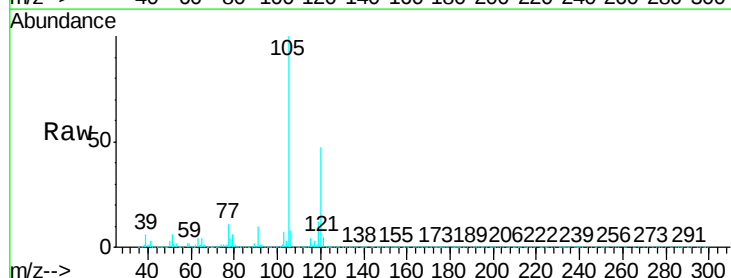
Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

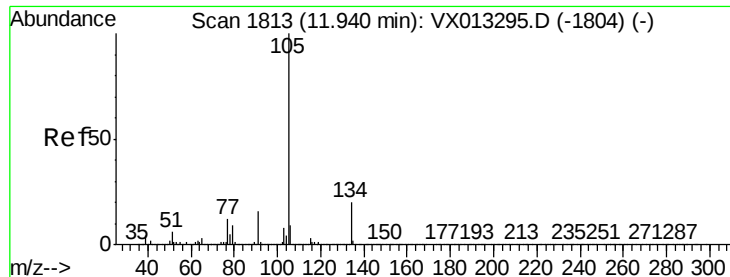
Tgt Ion:119 Resp: 490475
Ion Ratio Lower Upper
119 100
91 54.2 26.9 80.7
134 23.5 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 20.211 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion:105 Resp: 488502
Ion Ratio Lower Upper
105 100
120 46.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.109 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

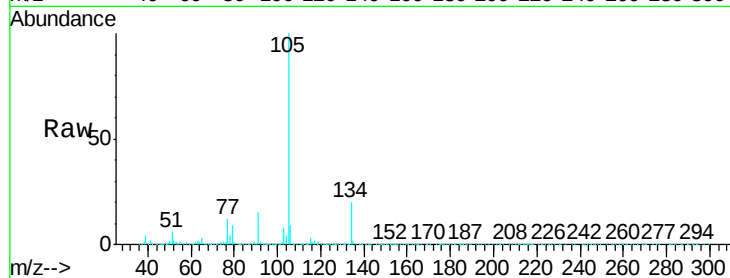
VX1125WBS01

Tgt Ion:105 Resp: 560536

Ion Ratio Lower Upper

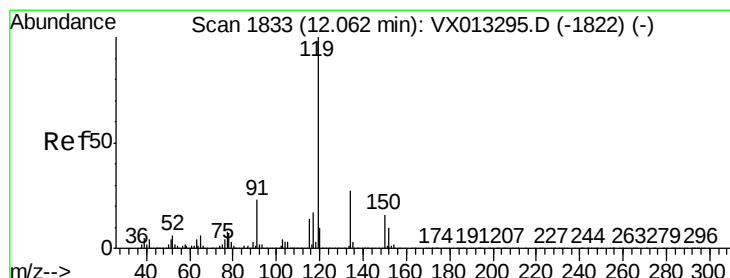
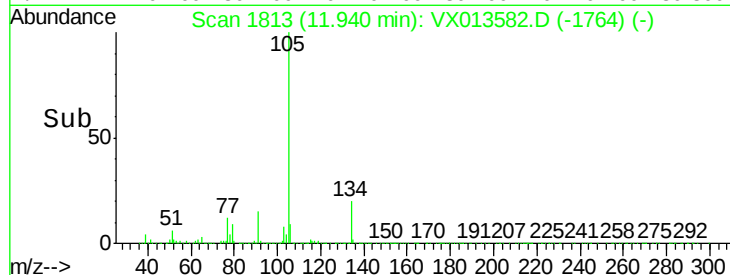
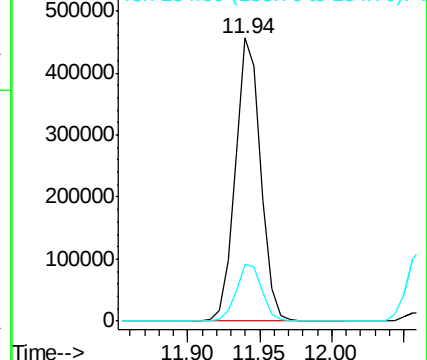
105 100

134 20.4 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.747 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

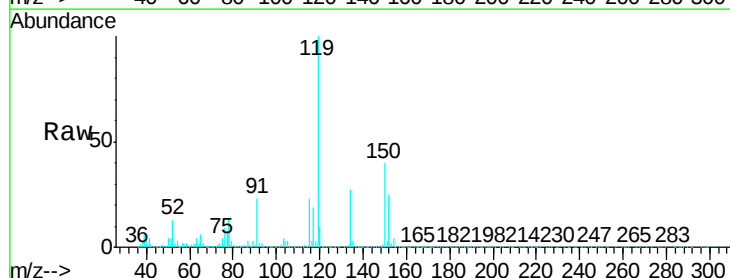
Tgt Ion:119 Resp: 506875

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

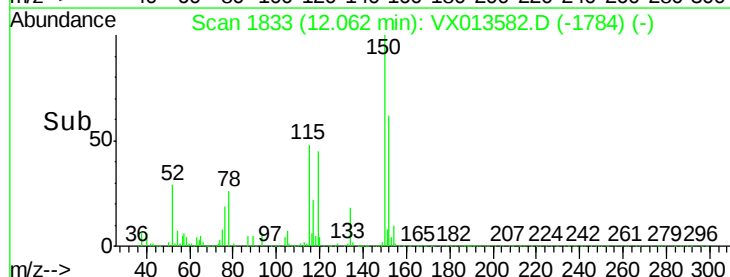
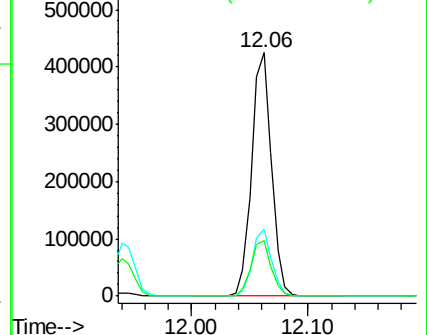
91 23.0 11.5 34.4



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): V

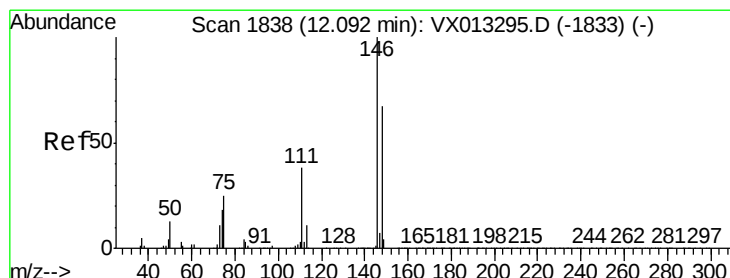
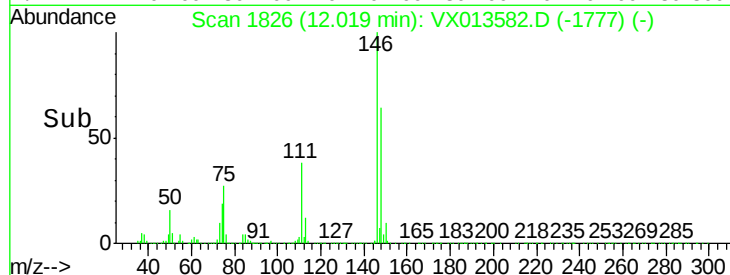
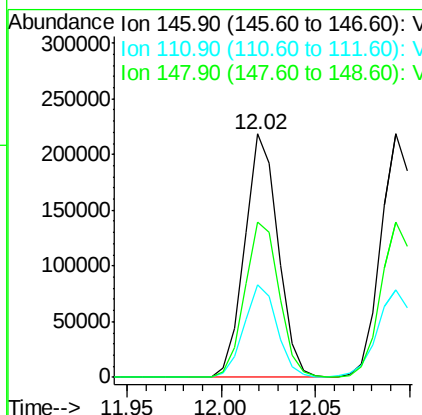
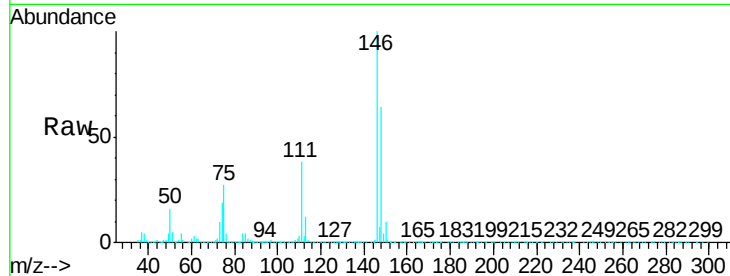




#87
 1,3-Dichlorobenzene
 Concen: 19.531 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013582.D
 Acq: 25 Nov 2019 15:37

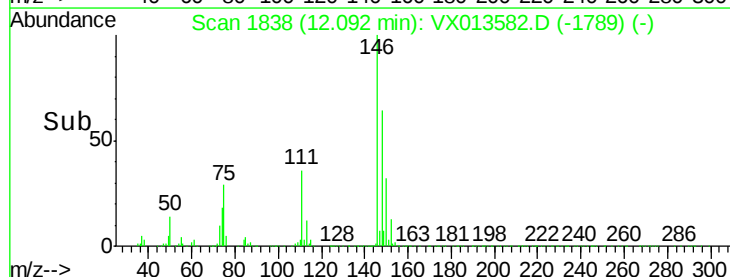
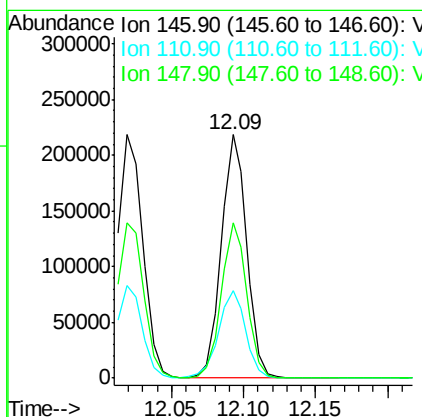
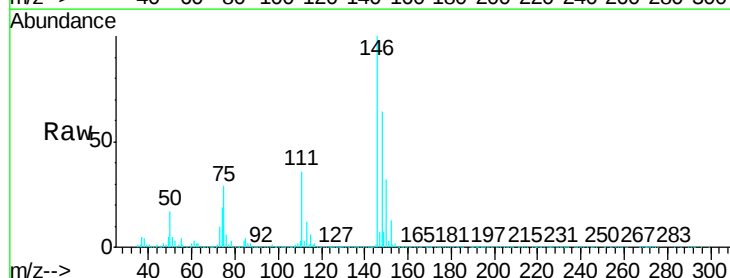
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBS01

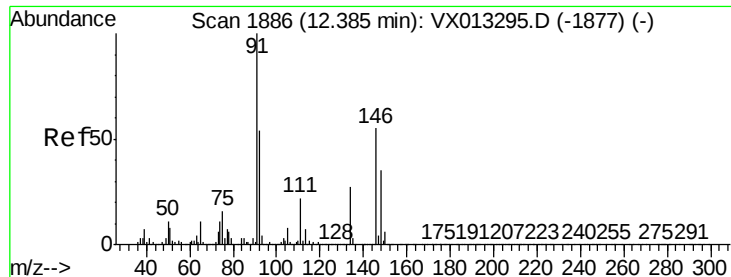
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.5
148	65.8	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.332 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013582.D
 Acq: 25 Nov 2019 15:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.8	56.4
148	64.0	32.4	97.0





#89

n-Butylbenzene

Concen: 19.259 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

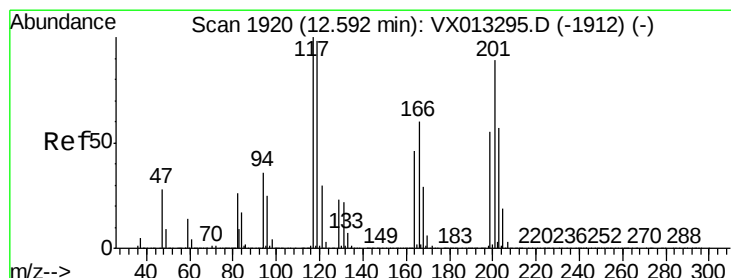
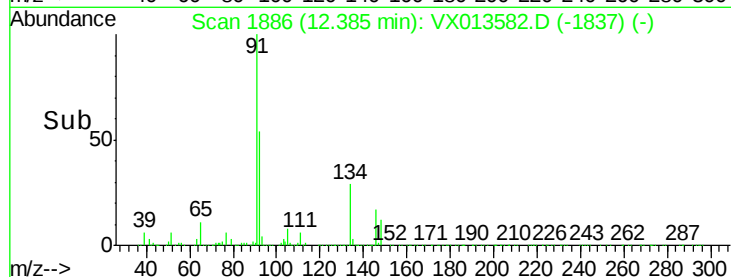
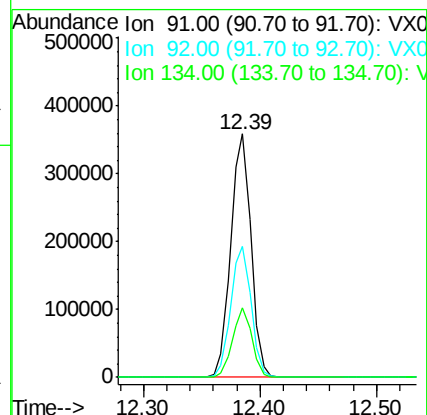
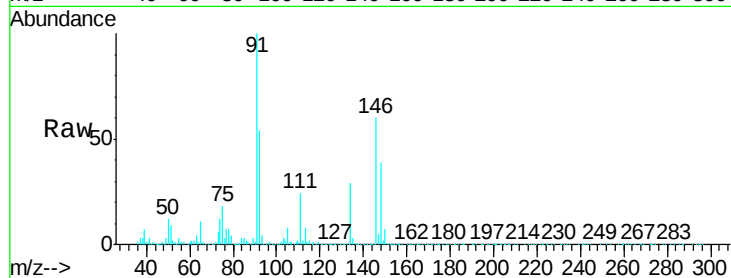
Tgt Ion: 91 Resp: 431364

Ion Ratio Lower Upper

91 100

92 54.2 27.3 81.8

134 27.5 13.5 40.5



#90

Hexachloroethane

Concen: 19.448 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013582.D

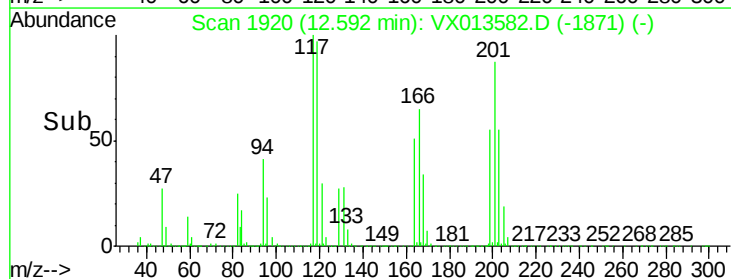
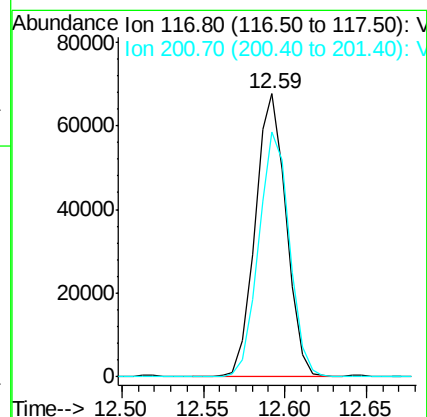
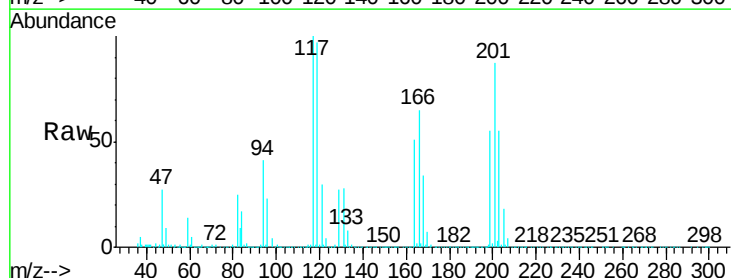
Acq: 25 Nov 2019 15:37

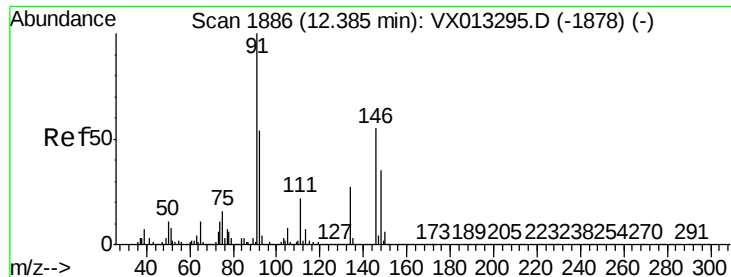
Tgt Ion: 117 Resp: 88943

Ion Ratio Lower Upper

117 100

201 86.5 43.9 131.7





#91

1,2-Dichlorobenzene

Concen: 20.031 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

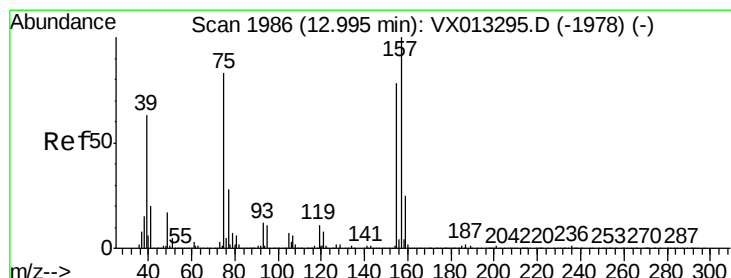
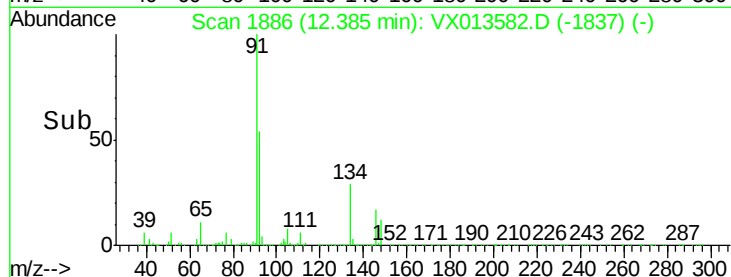
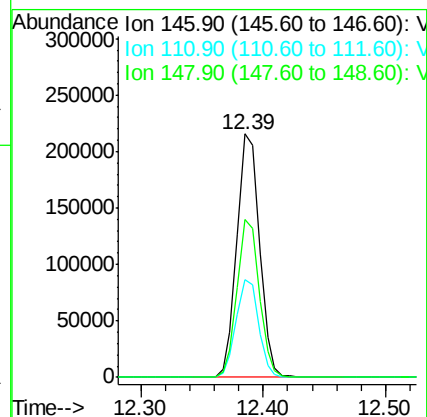
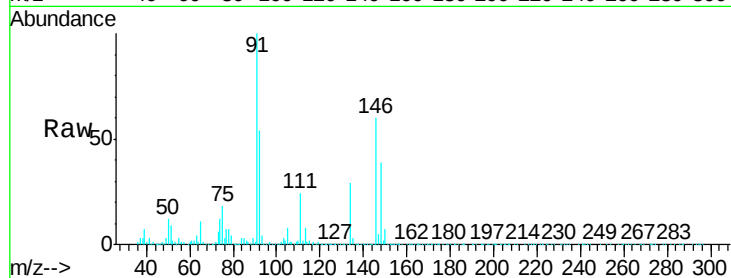
Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

Tgt Ion:	146	Resp:	275232
Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.2
148	64.1	32.0	96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.726 ug/l

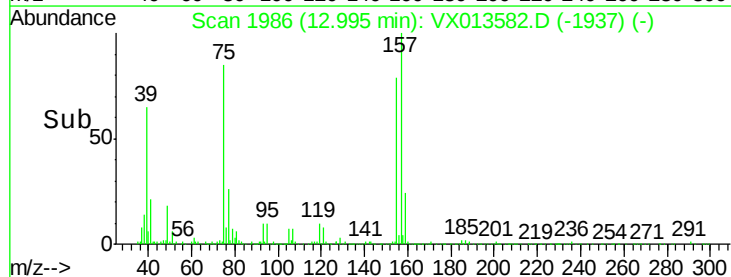
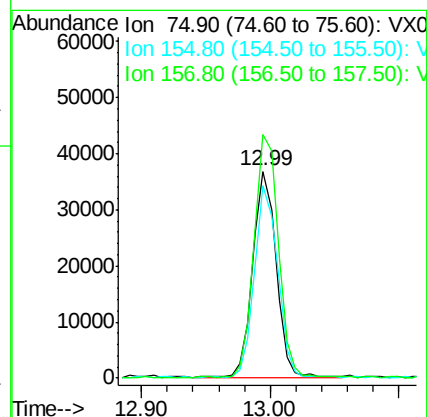
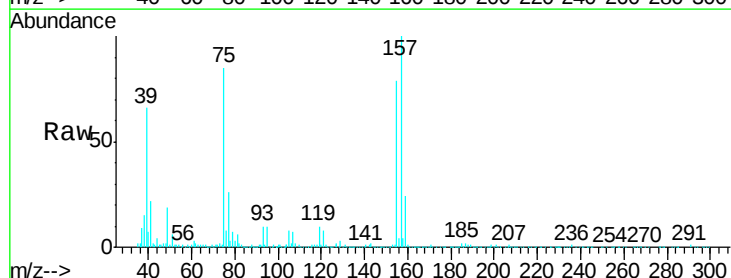
RT: 12.99 min Scan# 1986

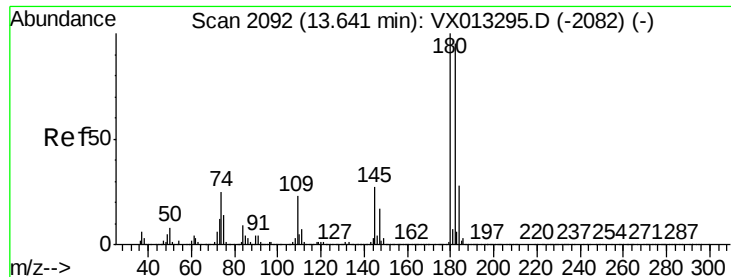
Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Tgt Ion:	75	Resp:	45574
Ion	Ratio	Lower	Upper
75	100		
155	92.8	47.1	141.4
157	122.3	61.3	183.8

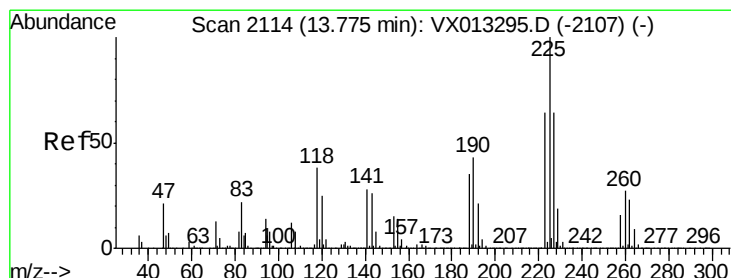
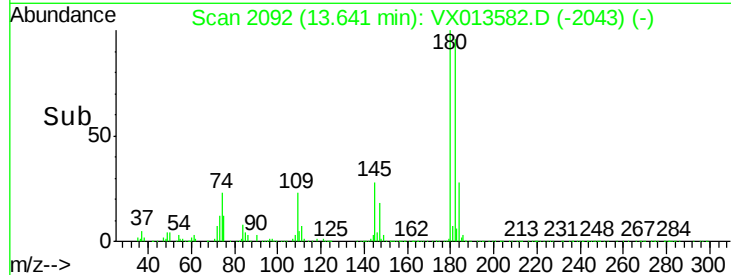
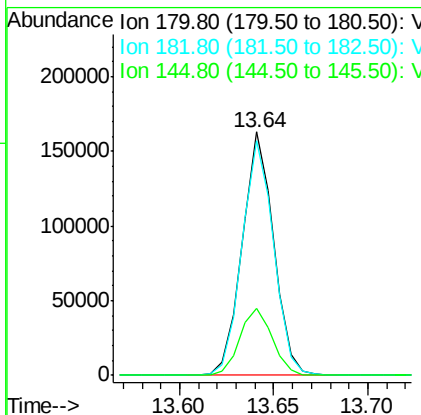
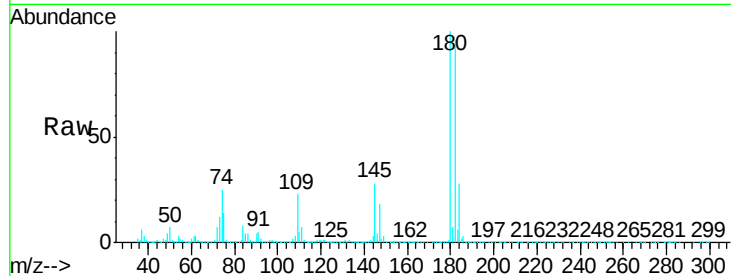




#93
 1,2,4-Trichlorobenzene
 Concen: 19.595 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013582.D
 Acq: 25 Nov 2019 15:37

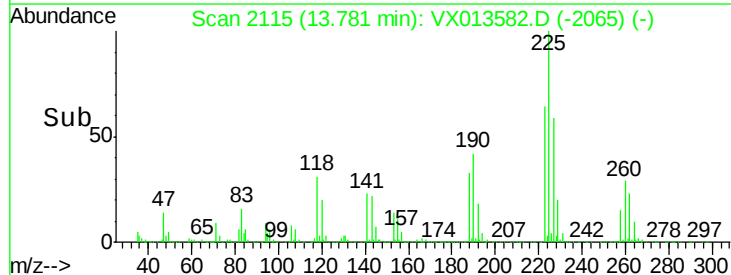
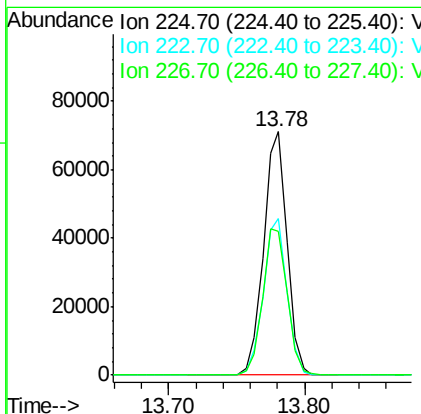
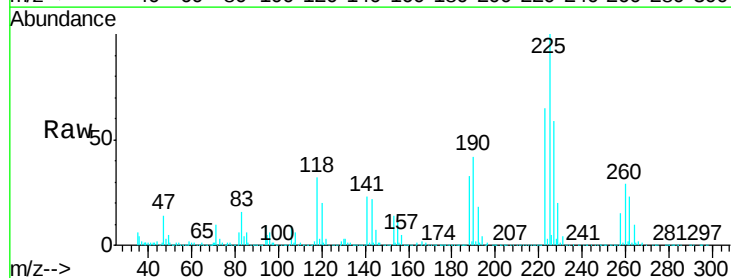
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBS01

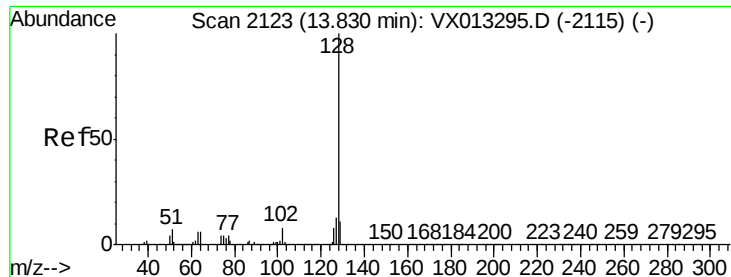
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	48.4	145.0
145	28.1	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 18.460 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013582.D
 Acq: 25 Nov 2019 15:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.9	95.7
227	62.7	31.9	95.9

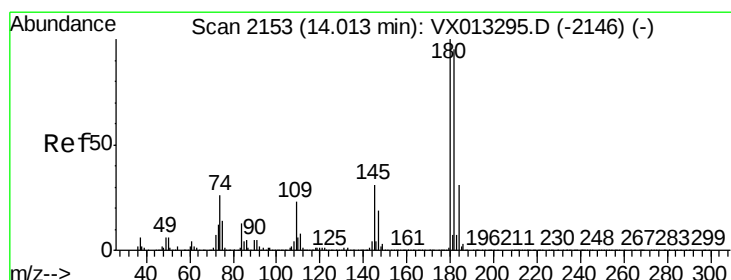
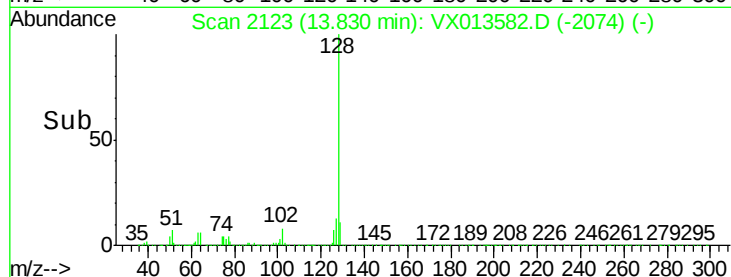
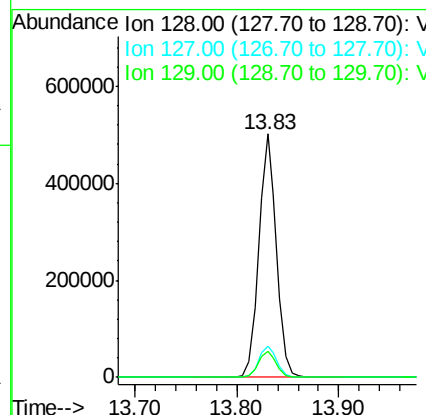
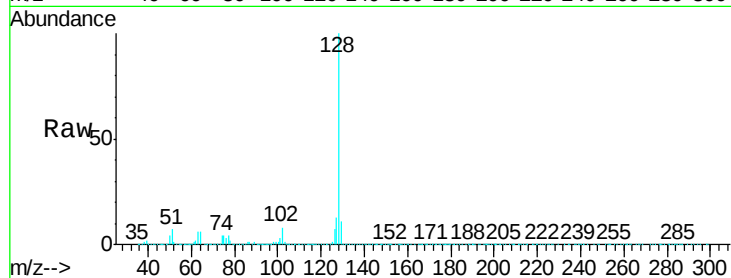




#95
Naphthalene
Concen: 20.119 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

Tgt Ion:128 Resp: 604994
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.0 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 20.261 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion:180 Resp: 194750
Ion Ratio Lower Upper
180 100
182 94.4 48.0 144.2
145 29.8 15.4 46.4

