

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103119\
 Data File : VX013292.D
 Acq On : 31 Oct 2019 16:18
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 02 06:39:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 06:36:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	949974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1418632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1256125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	602990	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	13953	1.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.68%	
35) Dibromofluoromethane	5.49	113	9958	1.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.22%	
50) Toluene-d8	8.71	98	34723	1.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.06%	
62) 4-Bromofluorobenzene	11.14	95	12082	0.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.96%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	9448	1.039	ug/l 95
3) Chloromethane	1.31	50	10234	1.098	ug/l 98
4) Vinyl Chloride	1.39	62	11832	1.212	ug/l 99
5) Bromomethane	1.62	94	8590	1.442	ug/l 82
6) Chloroethane	1.72	64	10829	1.776	ug/l # 87
7) Trichlorofluoromethane	1.92	101	16474	1.085	ug/l 97
8) Diethyl Ether	2.18	74	6939	1.252	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	8419	0.971	ug/l 98
10) Methyl Iodide	2.50	142	7404	0.660	ug/l # 83
11) Tert butyl alcohol	3.00	59	25387	10.284	ug/l # 80
12) 1,1-Dichloroethene	2.36	96	7483	0.878	ug/l 98
13) Acrolein	2.28	56	6076	4.251	ug/l 94
14) Allyl chloride	2.71	41	13954	1.079	ug/l # 94
15) Acrylonitrile	3.13	53	21631	4.366	ug/l 94
16) Acetone	2.43	43	26089	5.461	ug/l # 88
17) Carbon Disulfide	2.56	76	20395	0.926	ug/l # 92
18) Methyl Acetate	2.76	43	13934	1.212	ug/l # 78
19) Methyl tert-butyl Ether	3.18	73	24464	0.877	ug/l 93
20) Methylene Chloride	2.84	84	11188	1.141	ug/l # 96
21) trans-1,2-Dichloroethene	3.16	96	8520	0.937	ug/l 91
22) Diisopropyl ether	3.84	45	25222	0.932	ug/l # 61
23) Vinyl Acetate	3.81	43	109170	4.789	ug/l 99
24) 1,1-Dichloroethane	3.68	63	15708	1.012	ug/l 97
25) 2-Butanone	4.67	43	33349	4.827	ug/l 99
26) 2,2-Dichloropropane	4.56	77	12551	0.993	ug/l 100
27) cis-1,2-Dichloroethene	4.58	96	9300	0.881	ug/l 82
28) Bromochloromethane	5.00	49	4936	0.726	ug/l # 93
29) Tetrahydrofuran	5.13	42	18964	4.328	ug/l 96
30) Chloroform	5.20	83	15166	0.916	ug/l 89
31) Cyclohexane	5.58	56	14069	0.996	ug/l # 78
32) 1,1,1-Trichloroethane	5.48	97	13687	0.962	ug/l # 52
36) 1,1-Dichloropropene	5.79	75	10017	0.845	ug/l 91
37) Ethyl Acetate	4.83	43	13425	1.073	ug/l # 93
38) Carbon Tetrachloride	5.78	117	9939	0.815	ug/l 97

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 02 06:39:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 06:36:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	14287	0.942	ug/l	96
40) Benzene	6.13	78	35773	0.988	ug/l	94
41) Methacrylonitrile	5.03	41	5295	0.739	ug/l #	79
42) 1,2-Dichloroethane	6.19	62	12038	0.940	ug/l	92
43) Isopropyl Acetate	6.44	43	18712	0.912	ug/l #	87
44) Trichloroethene	7.20	130	10708	1.012	ug/l	94
45) 1,2-Dichloropropane	7.51	63	8348	0.902	ug/l	97
46) Dibromomethane	7.66	93	6106	0.934	ug/l	97
47) Bromodichloromethane	7.89	83	10290	0.873	ug/l	98
48) Methyl methacrylate	7.77	41	8518	0.843	ug/l #	78
49) 1,4-Dioxane	7.74	88	5081	18.798	ug/l #	80
51) 4-Methyl-2-Pentanone	8.64	43	60893	4.578	ug/l	97
52) Toluene	8.78	92	20702	0.877	ug/l	94
53) t-1,3-Dichloropropene	9.04	75	10206	0.802	ug/l	91
54) cis-1,3-Dichloropropene	8.43	75	12477	0.885	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	8421	0.864	ug/l	98
56) Ethyl methacrylate	9.17	69	10601	0.737	ug/l #	90
57) 1,3-Dichloropropane	9.37	76	15077	0.964	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.31	63	25669	3.776	ug/l	94
59) 2-Hexanone	9.49	43	43378	4.214	ug/l	99
60) Dibromochloromethane	9.57	129	7736	0.787	ug/l	93
61) 1,2-Dibromoethane	9.67	107	8893	0.862	ug/l	97
64) Tetrachloroethene	9.33	164	9594	0.981	ug/l	92
65) Chlorobenzene	10.13	112	24435	0.944	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.21	131	7840	0.861	ug/l #	61
67) Ethyl Benzene	10.25	91	39632	0.898	ug/l	99
68) m/p-Xylenes	10.36	106	27920	1.650	ug/l	98
69) o-Xylene	10.70	106	14483	0.880	ug/l	93
70) Styrene	10.71	104	21102	0.768	ug/l	97
71) Bromoform	10.85	173	5308	0.728	ug/l #	86
73) Isopropylbenzene	11.01	105	36084	0.879	ug/l	94
74) N-amyl acetate	10.89	43	13757	0.844	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.26	83	13349	0.980	ug/l #	96
76) 1,2,3-Trichloropropane	11.29	75	13250	1.199	ug/l	76
77) Bromobenzene	11.25	156	10213	0.908	ug/l	92
78) n-propylbenzene	11.35	91	37842	0.833	ug/l	98
79) 2-Chlorotoluene	11.42	91	24451	0.897	ug/l	94
80) 1,3,5-Trimethylbenzene	11.50	105	28695	0.839	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	3202	0.770	ug/l #	81
82) 4-Chlorotoluene	11.51	91	28891	0.911	ug/l	100
83) tert-Butylbenzene	11.76	119	27083	0.800	ug/l	88
84) 1,2,4-Trimethylbenzene	11.80	105	28167	0.816	ug/l	95
85) sec-Butylbenzene	11.94	105	34011	0.865	ug/l	95
86) p-Isopropyltoluene	12.06	119	28970	0.796	ug/l	87
87) 1,3-Dichlorobenzene	12.02	146	17766	0.909	ug/l	94
88) 1,4-Dichlorobenzene	12.02	146	17766	0.889	ug/l	95
89) n-Butylbenzene	12.39	91	25243	0.809	ug/l	99
90) Hexachloroethane	12.59	117	5148	0.881	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	17223	0.889	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	12.99	75	3981	1.370	ug/l	75

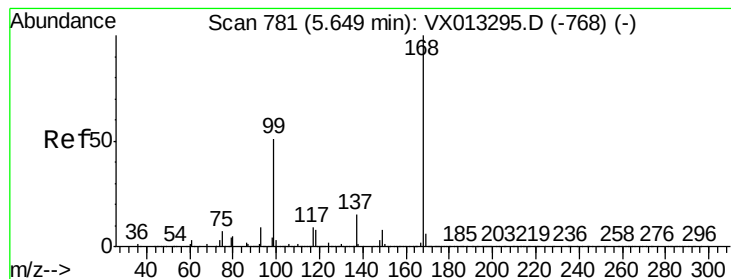
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103119\
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ClientSampleId :

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Quant Title : SW846 8260
QLast Update : Sat Nov 02 06:36:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	11812	0.896	ug/l	97
94) Hexachlorobutadiene	13.78	225	6259	0.961	ug/l	95
95) Naphthalene	13.83	128	32155	0.811	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.01	180	11197	0.851	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

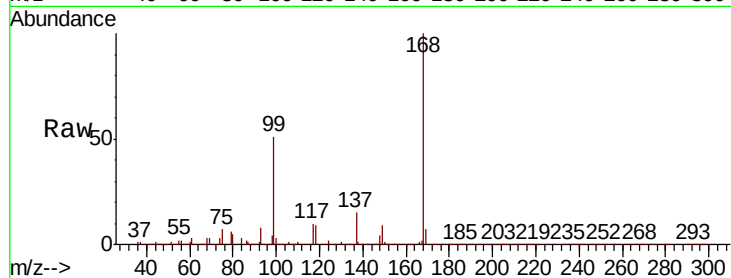
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 949974

Ion Ratio Lower Upper

168 100

99 50.8 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

400000

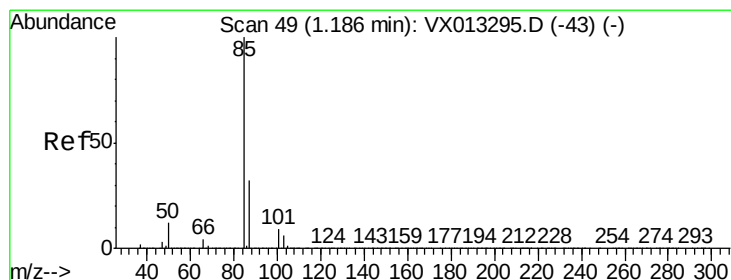
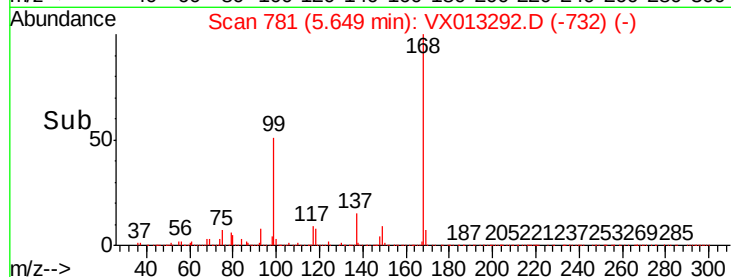
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.039 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013292.D

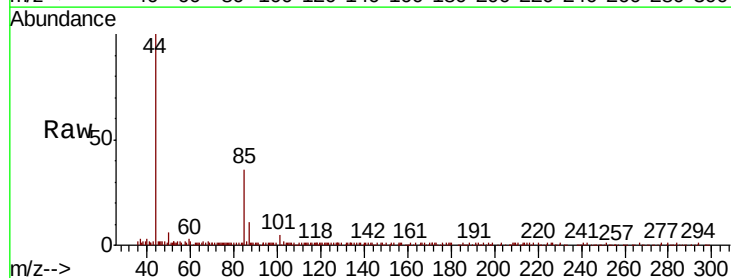
Acq: 31 Oct 2019 16:18

Tgt Ion: 85 Resp: 9448

Ion Ratio Lower Upper

85 100

87 29.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

10000

8000

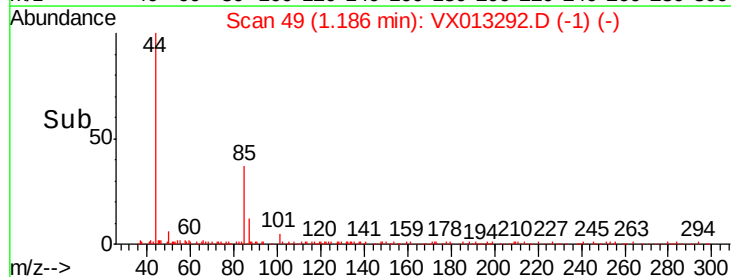
6000

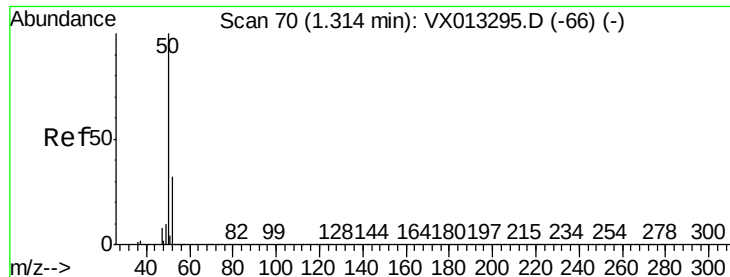
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2000

0

Time-->

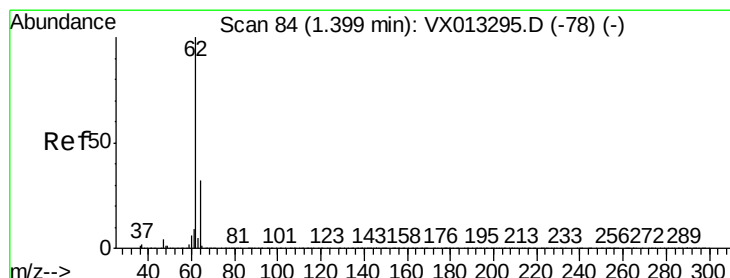
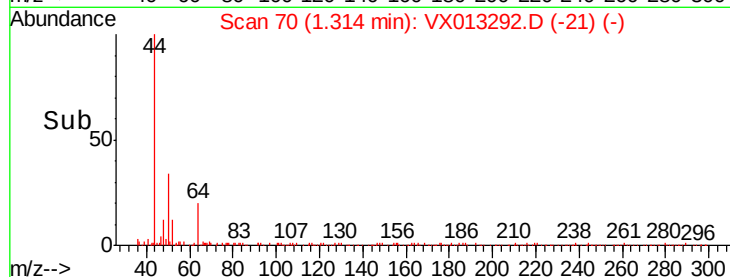
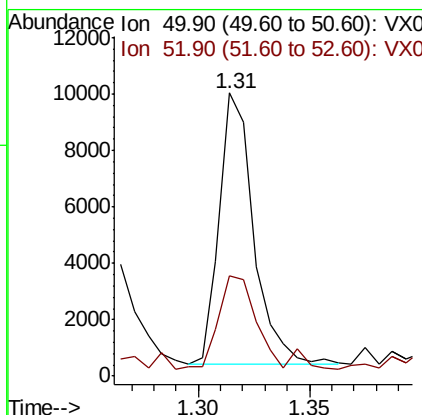
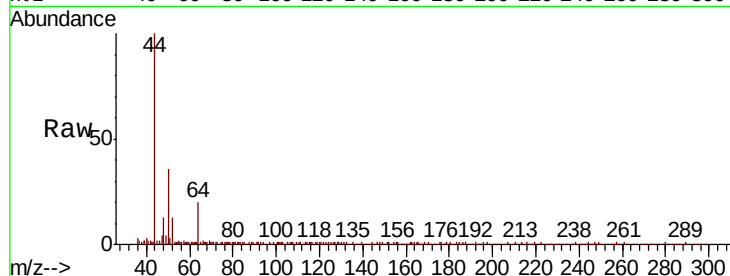




#3
Chloromethane
Concen: 1.098 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

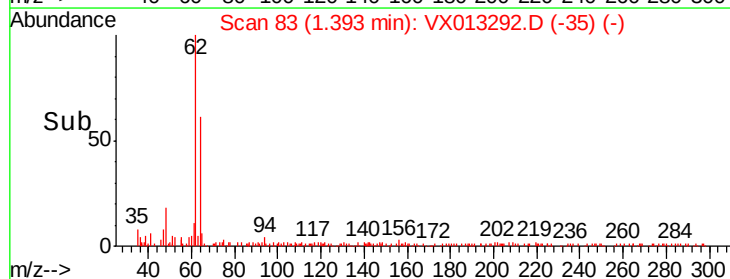
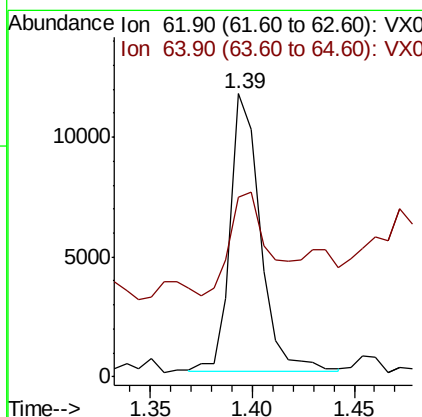
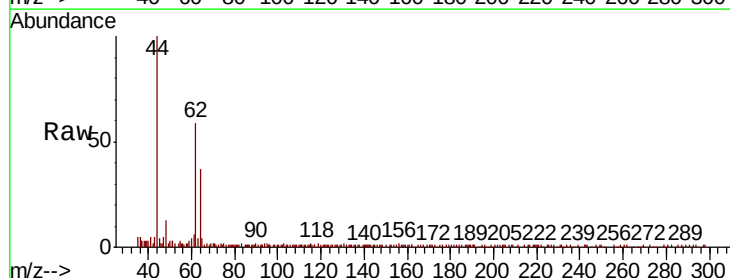
Instrument :
MSVOA_X
ClientSampleId :

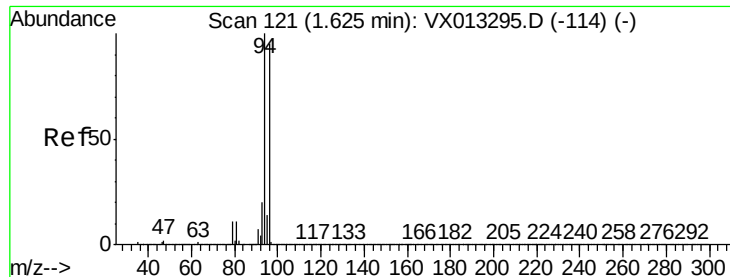
Tot Ion: 50 Resp: 10234
Ion Ratio Lower Upper
50 100
52 32.9 25.5 38.3



#4
Vinyl Chloride
Concen: 1.212 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.01 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion: 62 Resp: 11832
Ion Ratio Lower Upper
62 100
64 32.7 25.6 38.4





#5

Bromomethane

Concen: 1.442 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

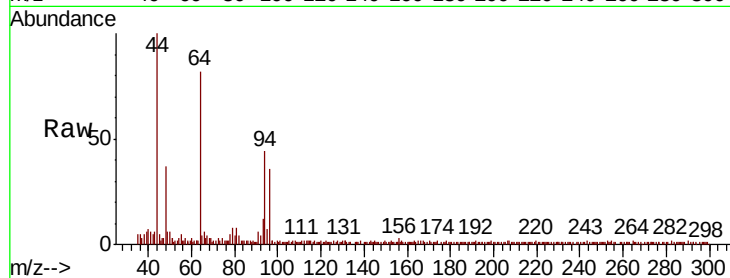
ClientSampleId :

Tot Ion: 94 Resp: 8590

Ion Ratio Lower Upper

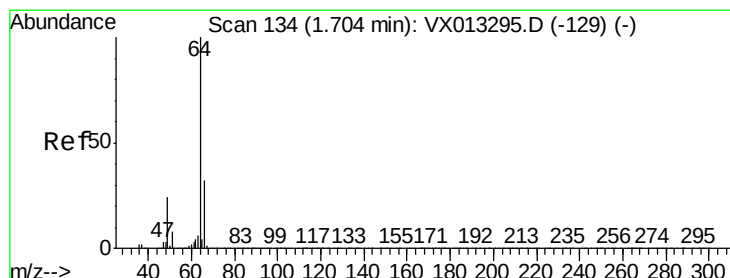
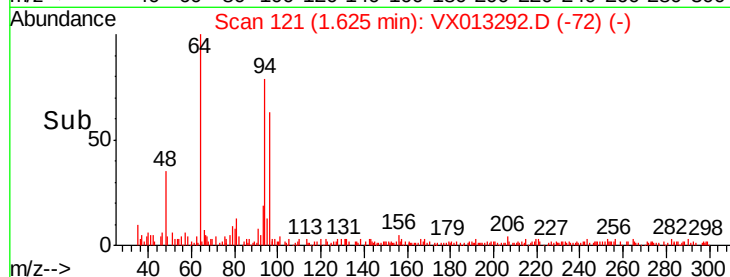
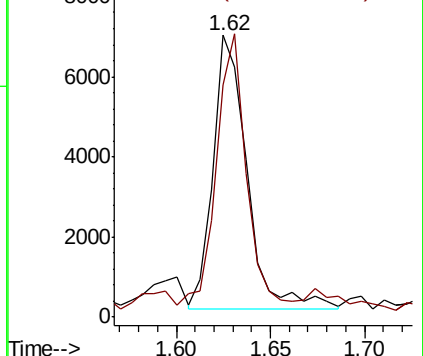
94 100

96 77.8 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.776 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013292.D

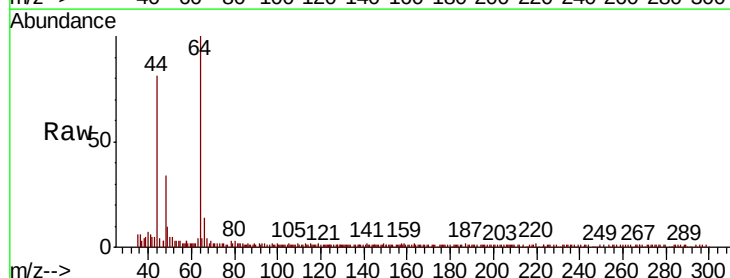
Acq: 31 Oct 2019 16:18

Tgt Ion: 64 Resp: 10829

Ion Ratio Lower Upper

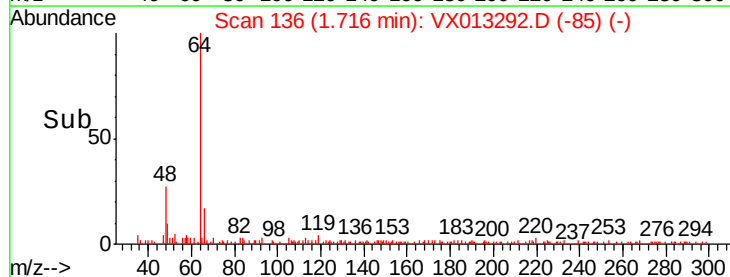
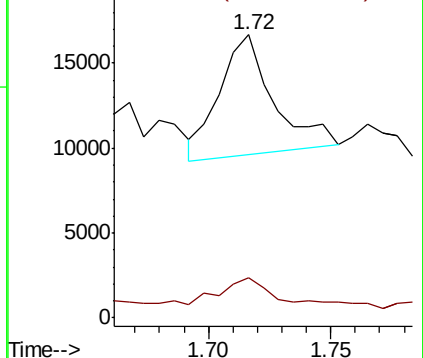
64 100

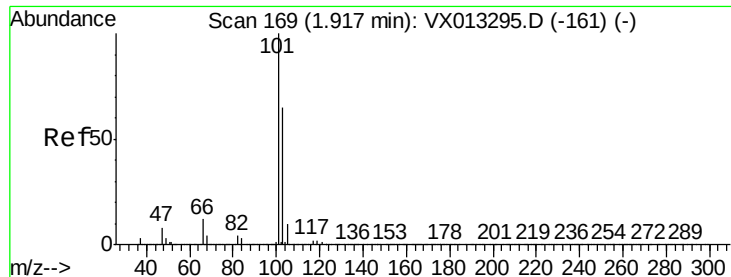
66 24.7 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



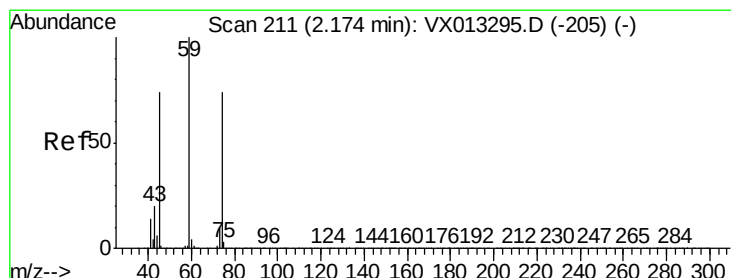
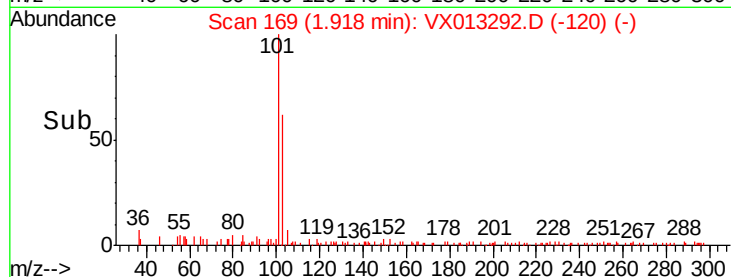
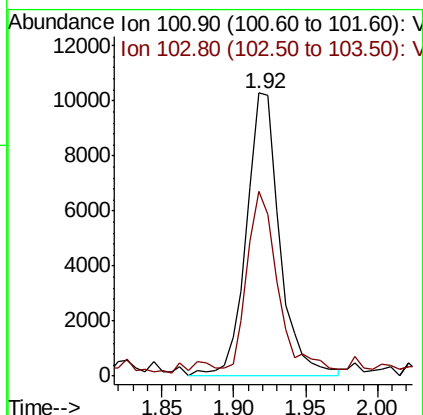
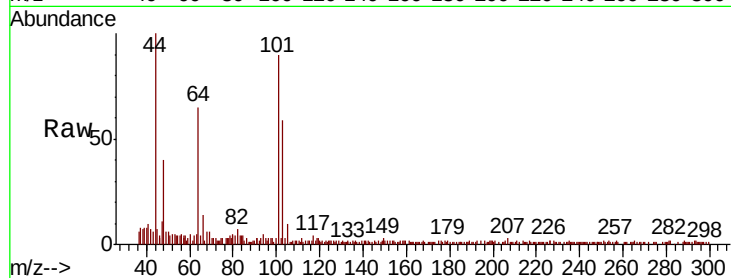


#7

Trichlorofluoromethane
Concen: 1.085 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Instrument :
MSVOA_X
ClientSampleId :

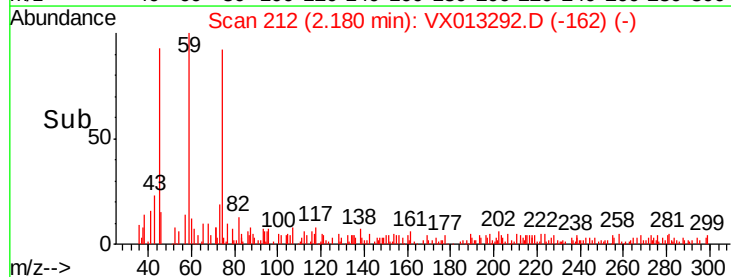
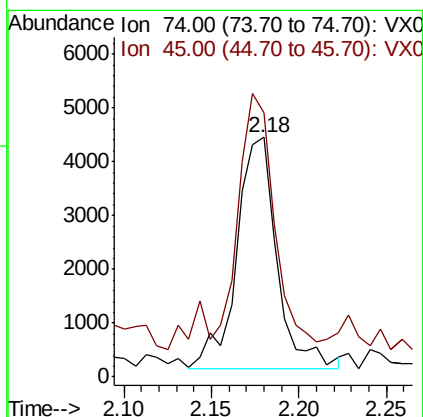
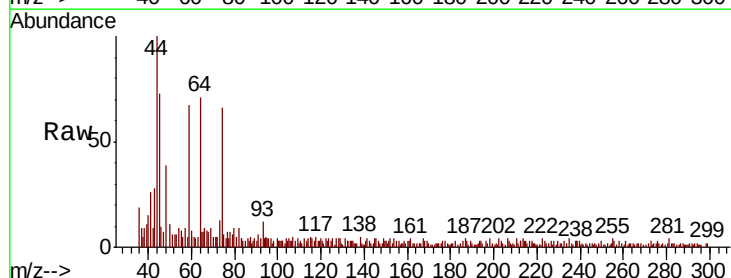
Tot Ion:101 Resp: 16474
Ion Ratio Lower Upper
101 100
103 63.0 52.3 78.5

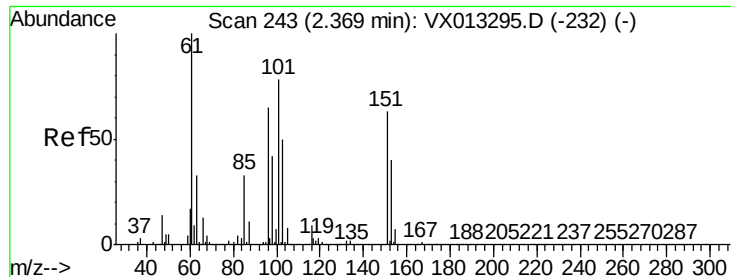


#8

Diethyl Ether
Concen: 1.252 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion: 74 Resp: 6939
Ion Ratio Lower Upper
74 100
45 95.3 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.971 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

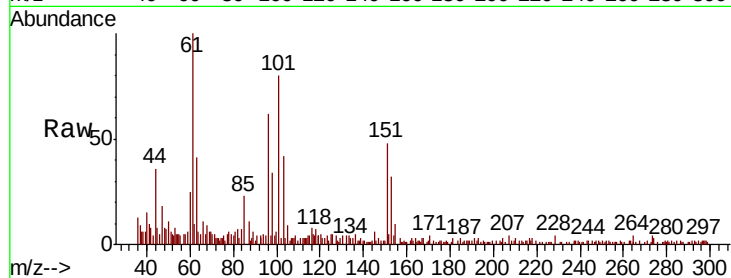
Tot Ion:101 Resp: 8419

Ion Ratio Lower Upper

101 100

85 44.7 34.4 51.6

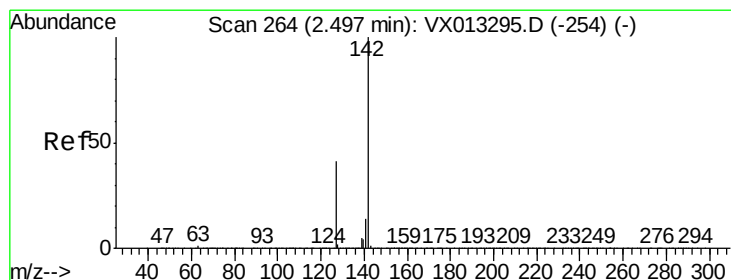
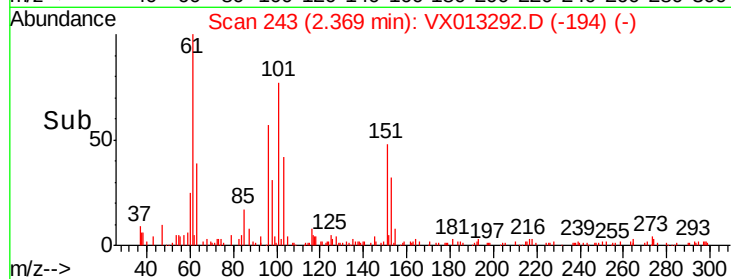
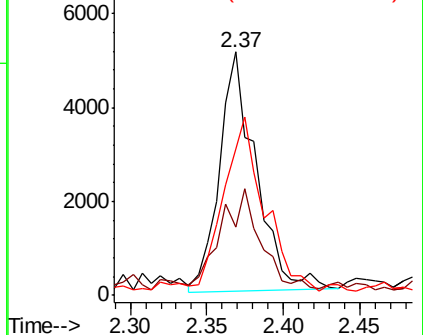
151 81.5 66.4 99.6



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: 0.660 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

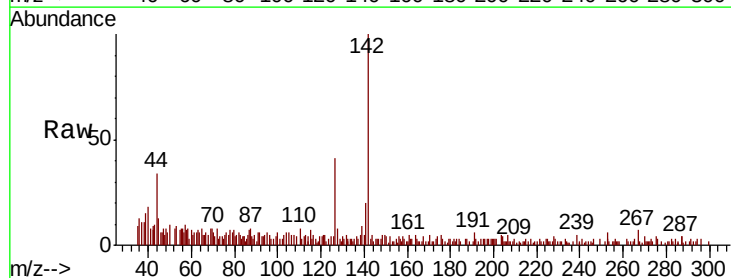
Tgt Ion:142 Resp: 7404

Ion Ratio Lower Upper

142 100

127 34.0 32.6 49.0

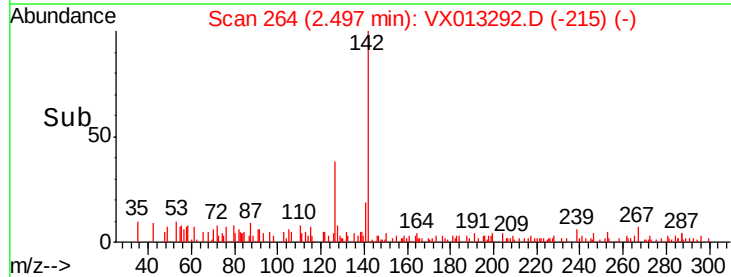
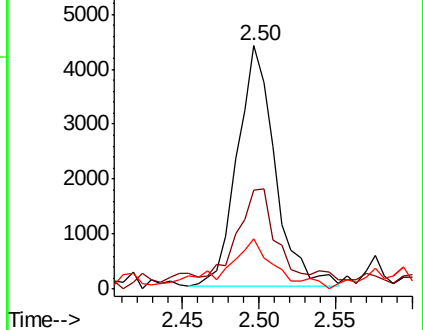
141 29.2 11.6 17.4#

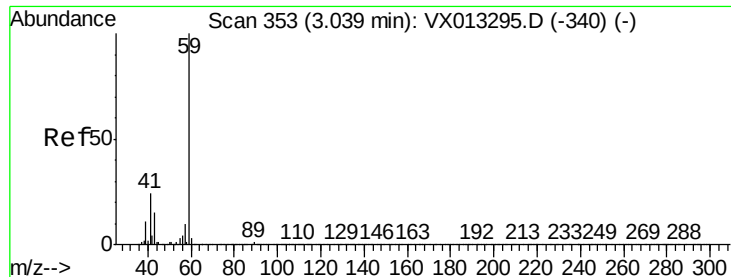


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



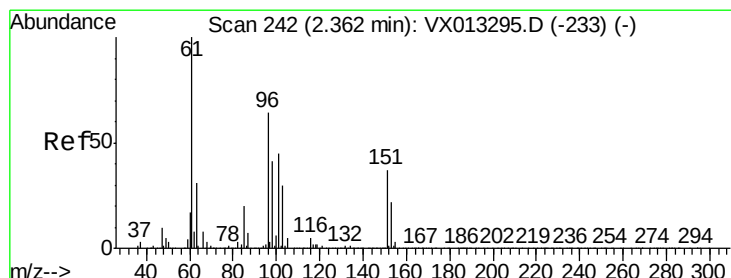
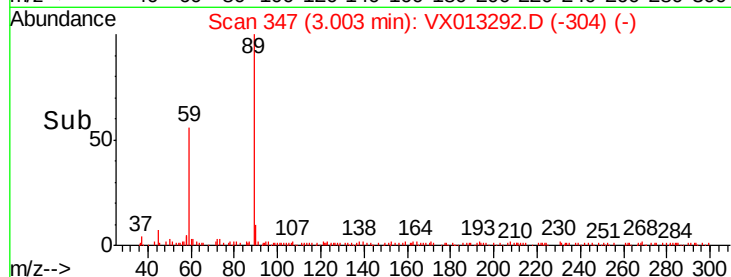
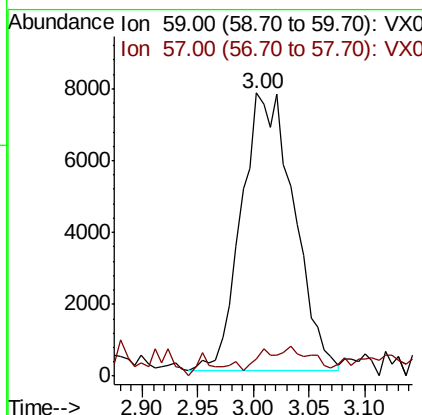
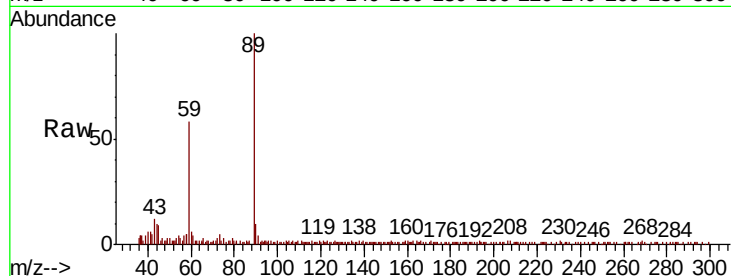


#11

Tert butyl alcohol
 Concen: 10.284 ug/l
 RT: 3.00 min Scan# 347
 Delta R.T. -0.04 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

Instrument :
 MSVOA_X
 ClientSampleId :

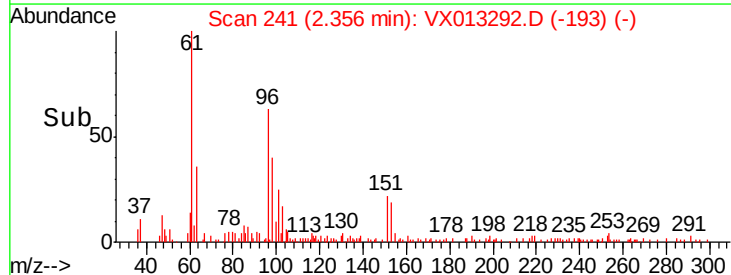
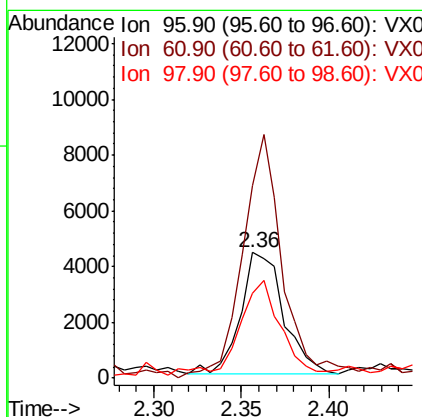
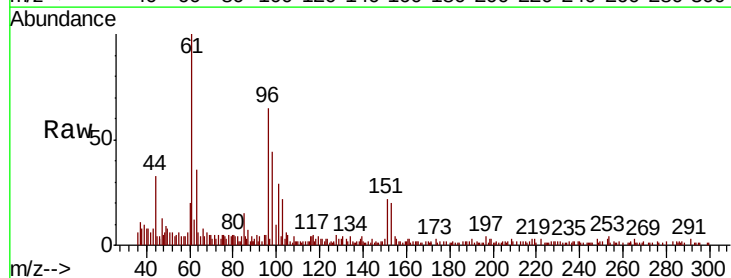
Tot Ion: 59 Resp: 25387
 Ion Ratio Lower Upper
 59 100
 57 2.7 8.0 12.0#

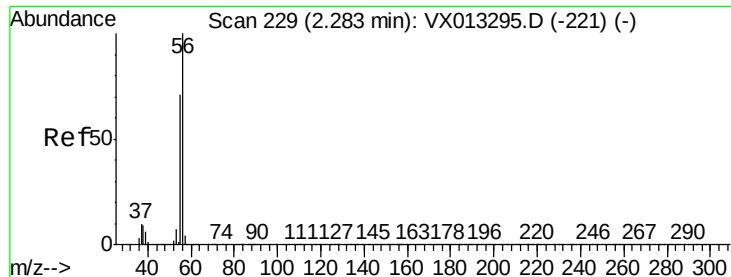


#12

1,1-Dichloroethene
 Concen: 0.878 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

Tgt Ion: 96 Resp: 7483
 Ion Ratio Lower Upper
 96 100
 61 153.6 125.0 187.6
 98 63.3 50.7 76.1





#13

Acrolein

Concen: 4.251 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

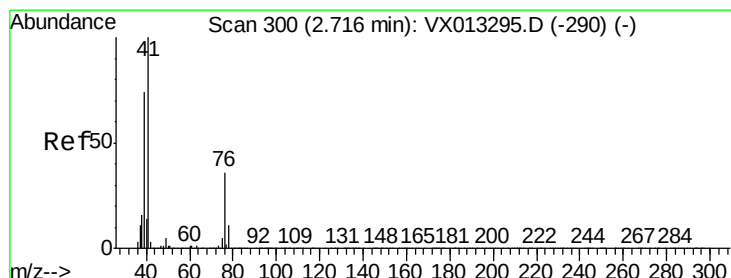
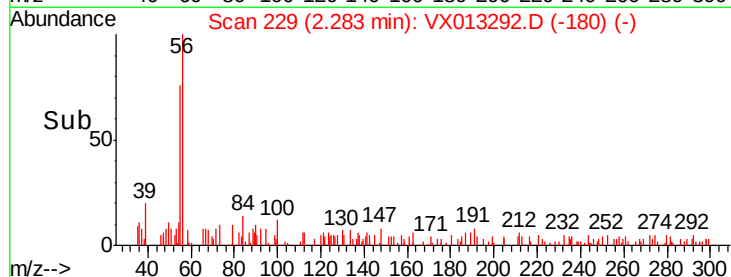
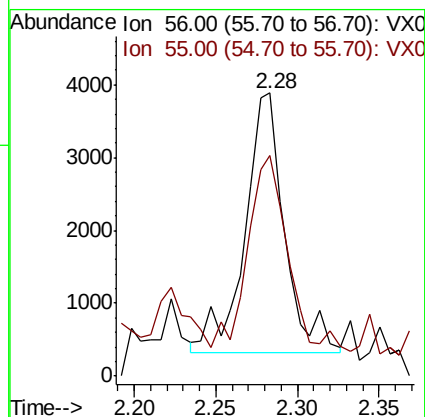
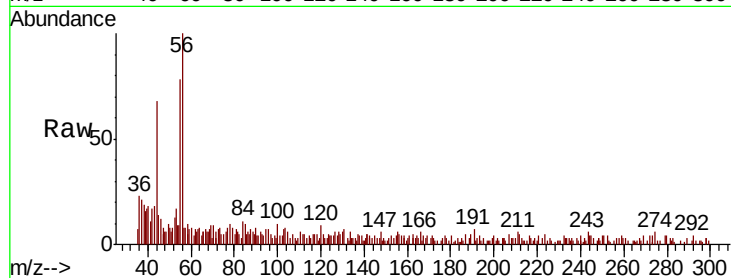
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 6076

Ion Ratio Lower Upper

56 100

55 76.8 57.4 86.0



#14

Allyl chloride

Concen: 1.079 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

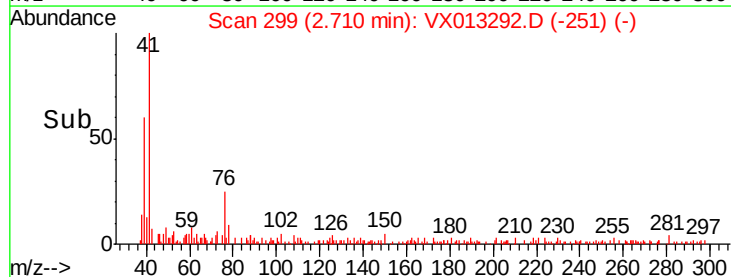
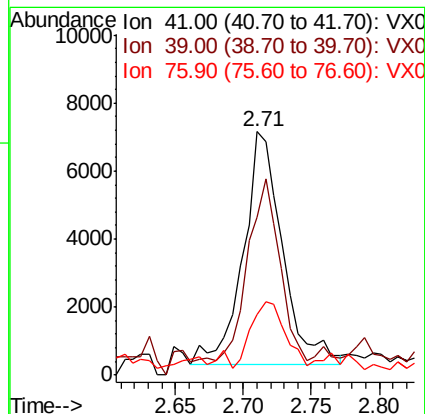
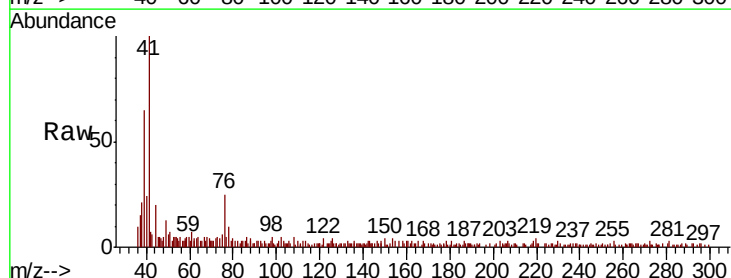
Tgt Ion: 41 Resp: 13954

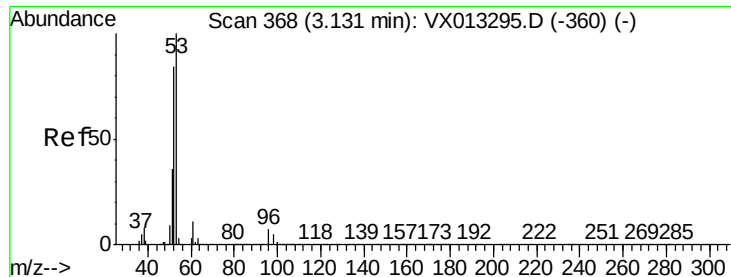
Ion Ratio Lower Upper

41 100

39 67.6 55.8 83.8

76 25.0 26.4 39.6#





#15

Acrylonitrile

Concen: 4.366 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

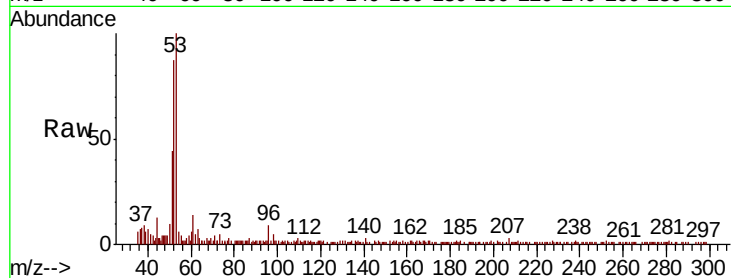
Tot Ion: 53 Resp: 21631

Ion Ratio Lower Upper

53 100

52 90.4 67.4 101.0

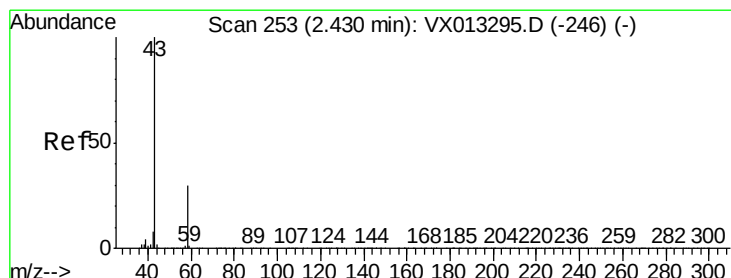
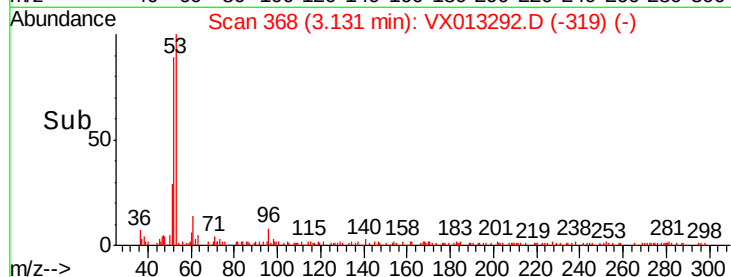
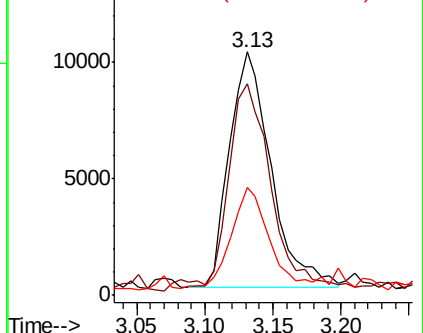
51 38.5 29.4 44.2



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: 5.461 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013292.D

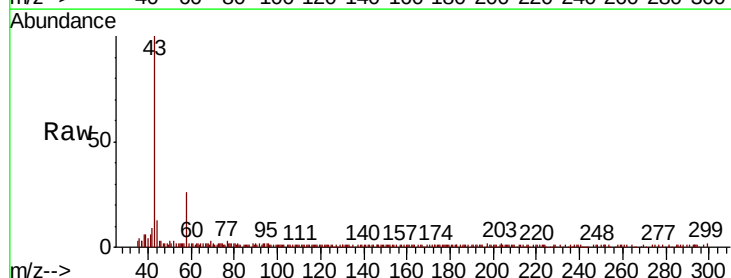
Acq: 31 Oct 2019 16:18

Tgt Ion: 43 Resp: 26089

Ion Ratio Lower Upper

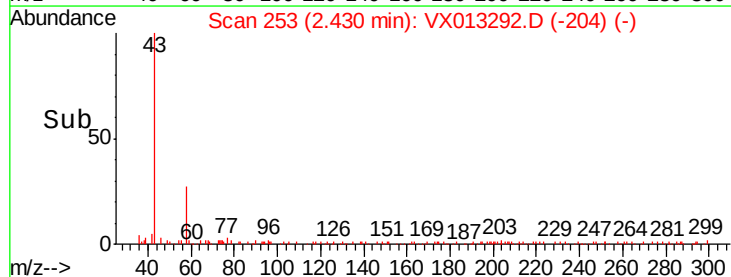
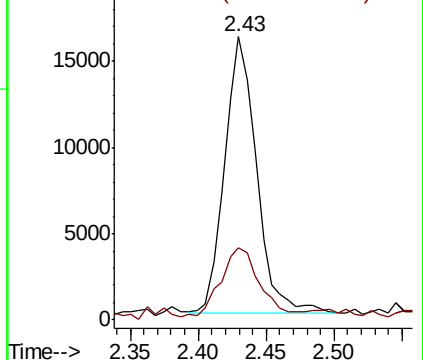
43 100

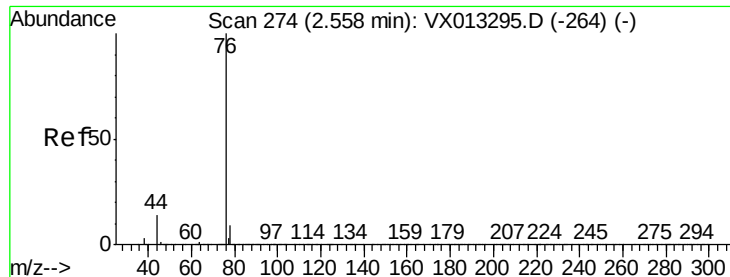
58 24.0 24.3 36.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.926 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

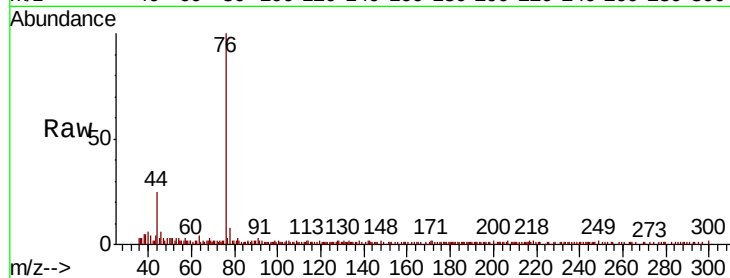
ClientSampleId :

Tot Ion: 76 Resp: 20395

Ion Ratio Lower Upper

76 100

78 6.0 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

15000

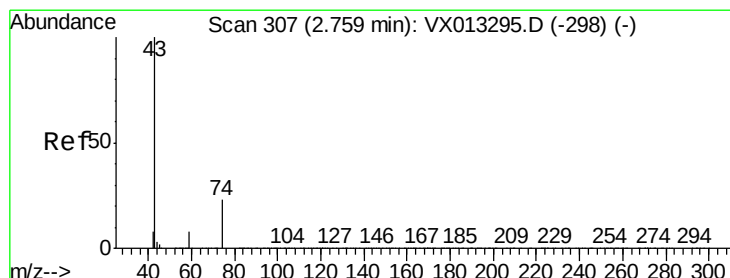
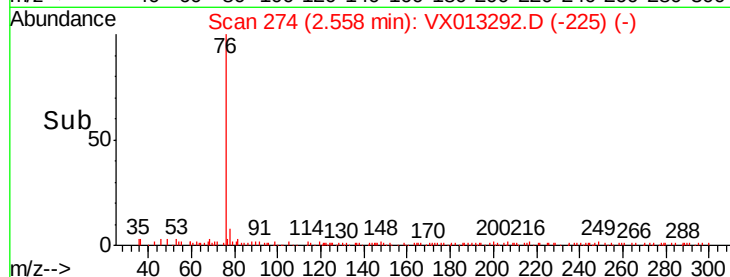
10000

5000

0

Time-->

2.50 2.55 2.60



#18

Methyl Acetate

Concen: 1.212 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013292.D

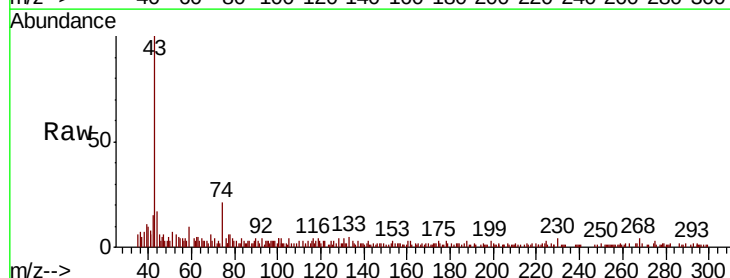
Acq: 31 Oct 2019 16:18

Tgt Ion: 43 Resp: 13934

Ion Ratio Lower Upper

43 100

74 34.7 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

8000

6000

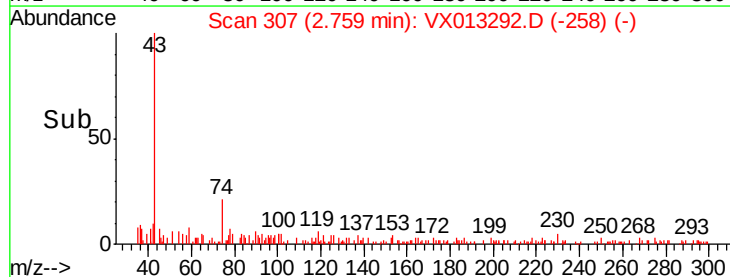
4000

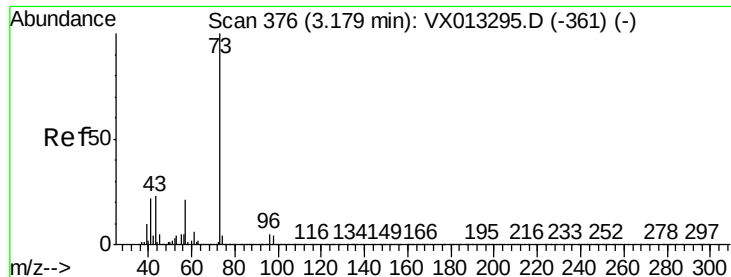
2000

0

Time-->

2.70 2.75 2.80

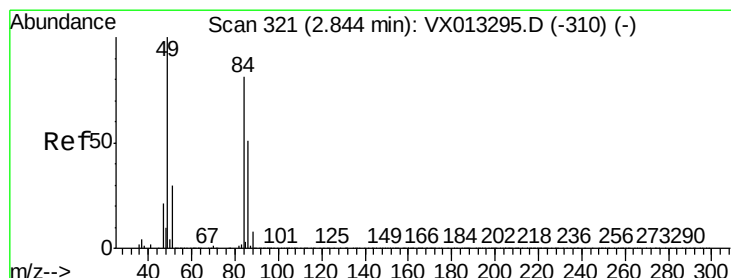
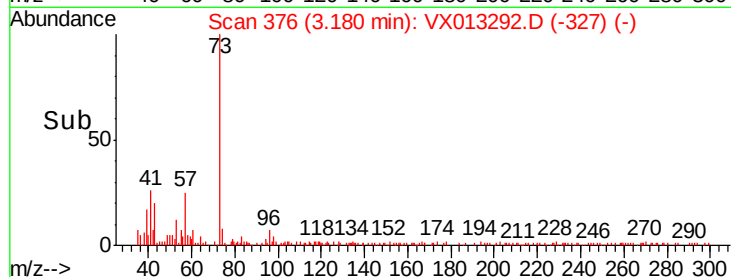
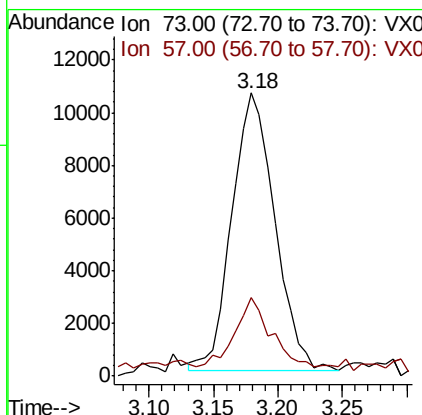
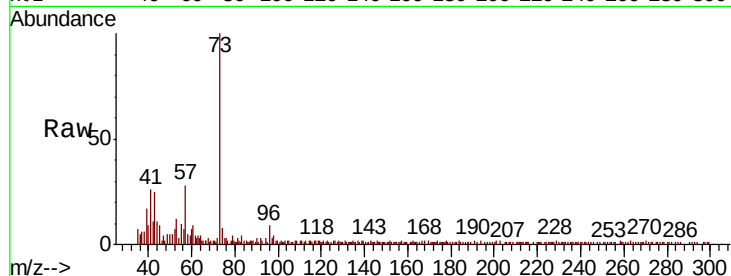




#19
Methyl tert-butyl Ether
Concen: 0.877 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

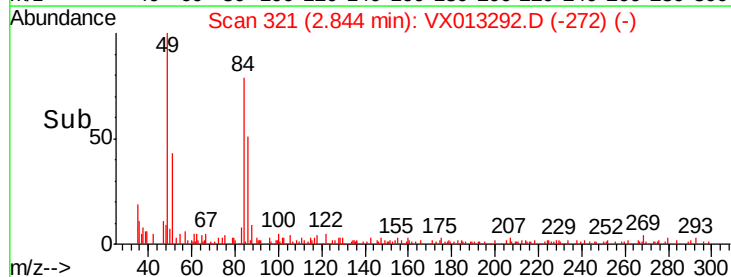
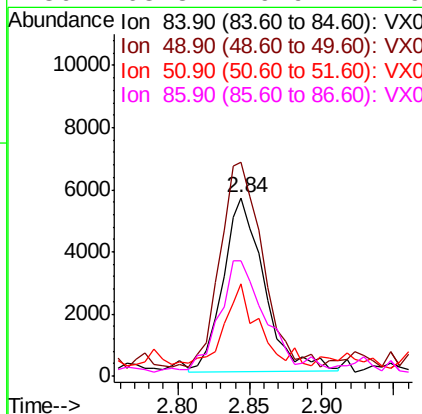
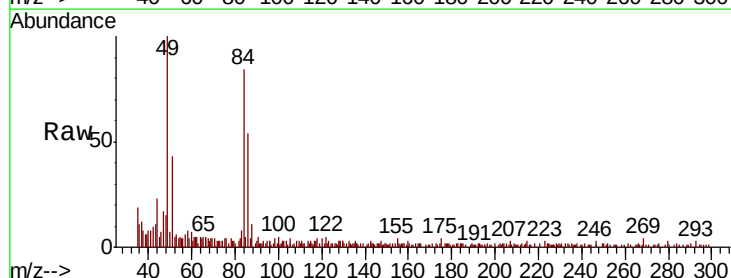
Instrument :
MSVOA_X
ClientSampleId :

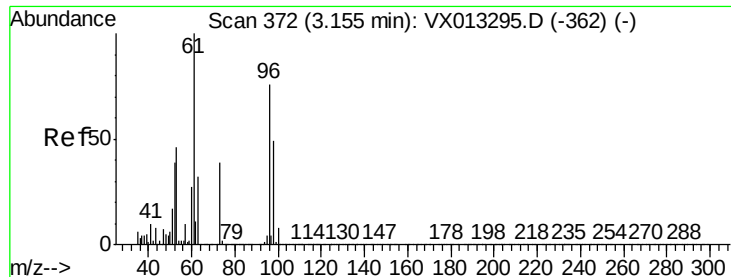
Tot Ion: 73 Resp: 24464
Ion Ratio Lower Upper
73 100
57 24.9 17.1 25.7



#20
Methylene Chloride
Concen: 1.141 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion: 84 Resp: 11188
Ion Ratio Lower Upper
84 100
49 119.8 98.2 147.4
51 45.4 29.9 44.9#
86 63.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 0.937 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

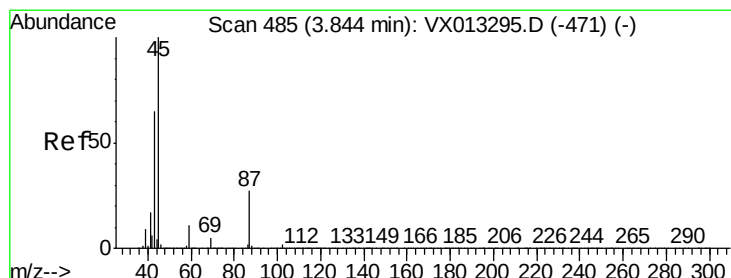
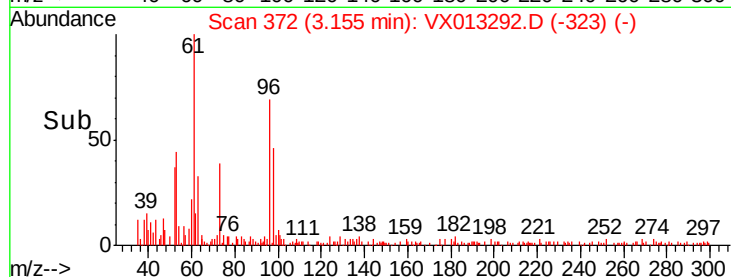
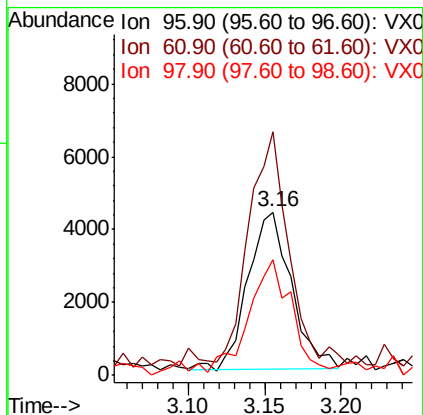
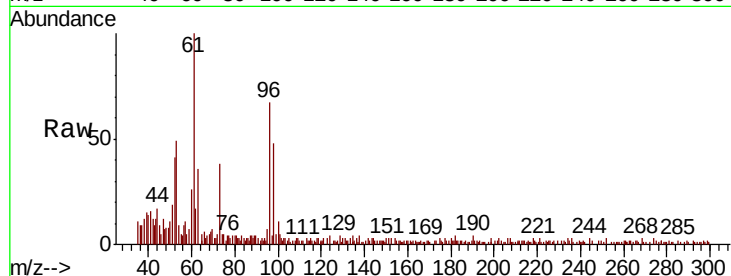
Tot Ion: 96 Resp: 8520

Ion Ratio Lower Upper

96 100

61 142.6 105.8 158.6

98 71.6 51.8 77.6



#22

Diisopropyl ether

Concen: 0.932 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Tgt Ion: 45 Resp: 25222

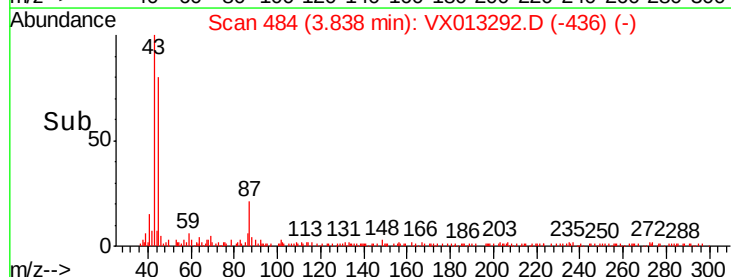
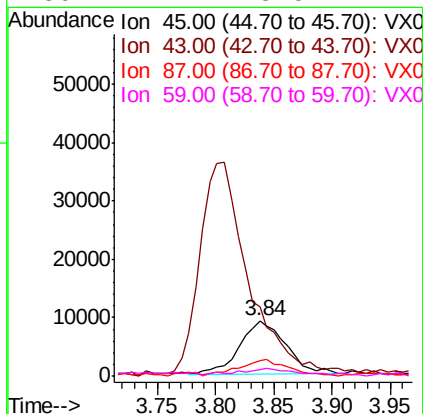
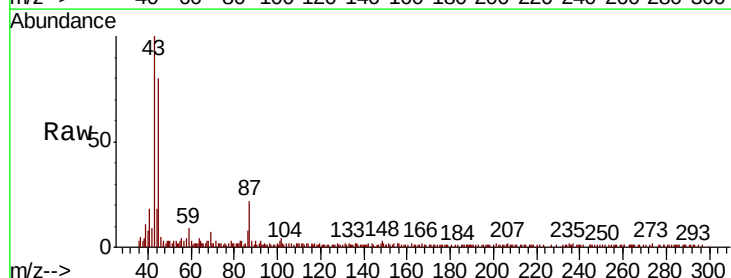
Ion Ratio Lower Upper

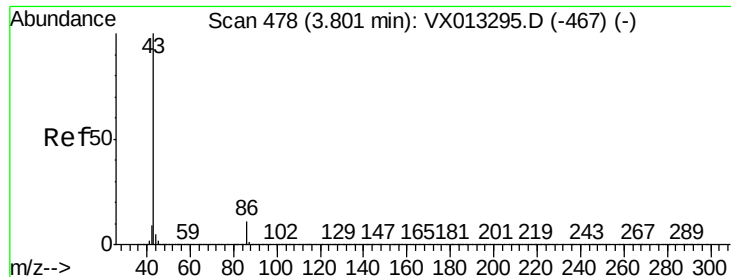
45 100

43 114.7 54.2 81.2#

87 28.0 21.8 32.8

59 7.1 8.5 12.7#





#23

Vinyl Acetate

Concen: 4.789 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

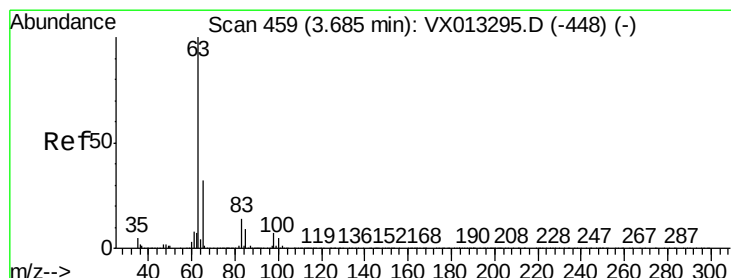
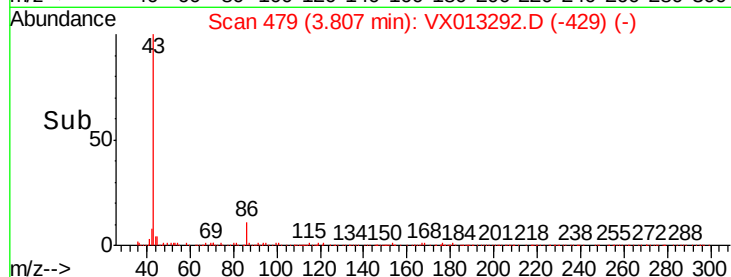
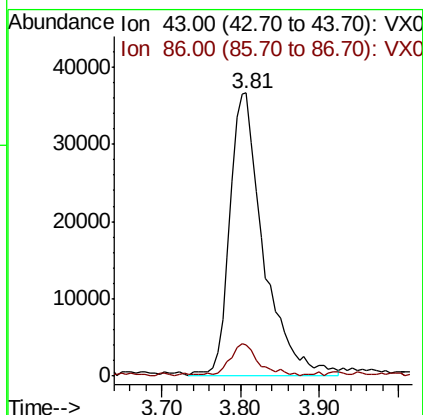
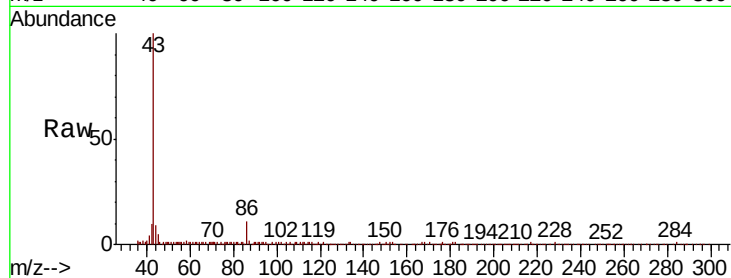
ClientSampleId :

Tot Ion: 43 Resp: 109170

Ion Ratio Lower Upper

43 100

86 10.5 8.6 13.0



#24

1,1-Dichloroethane

Concen: 1.012 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

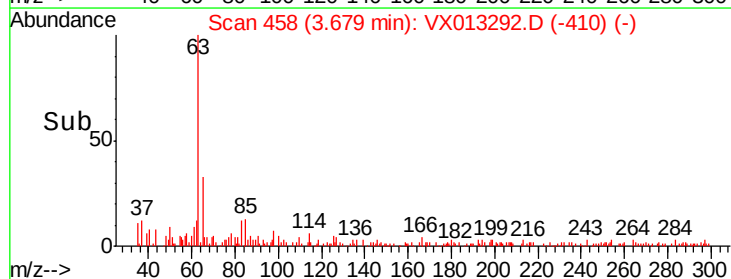
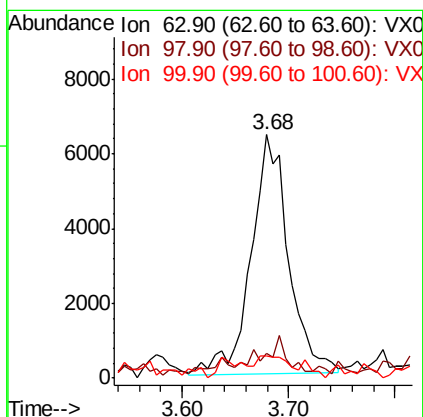
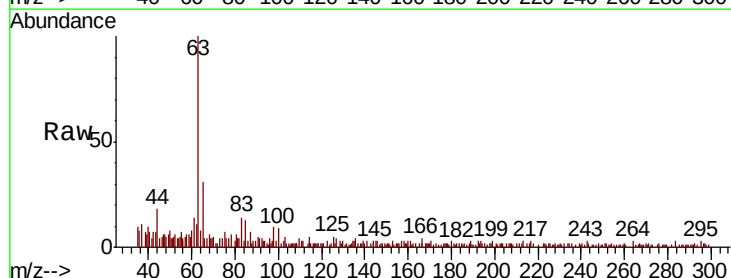
Tgt Ion: 63 Resp: 15708

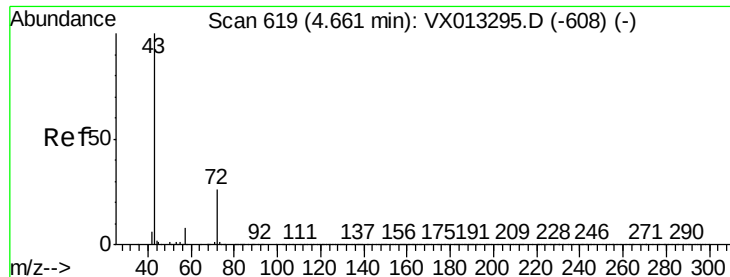
Ion Ratio Lower Upper

63 100

98 8.5 3.5 10.4

100 5.3 2.4 7.2





#25

2-Butanone

Concen: 4.827 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

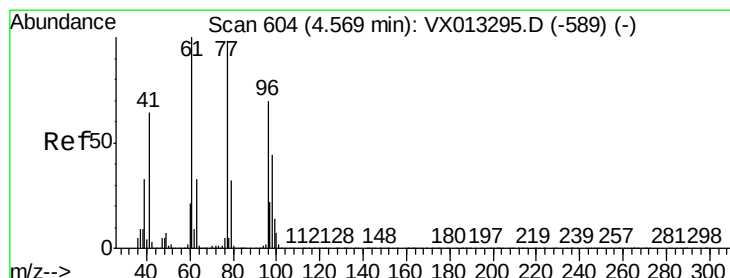
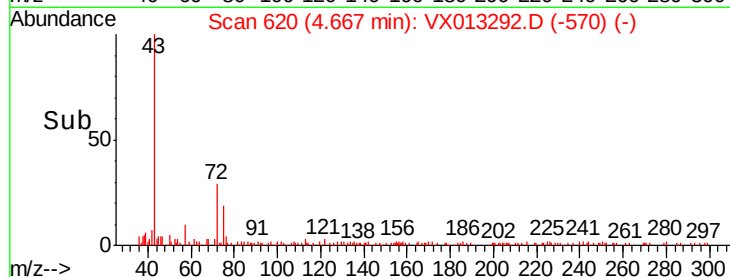
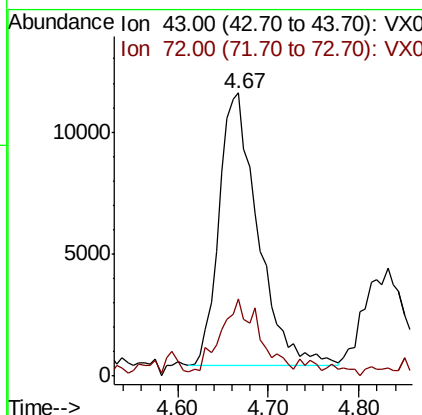
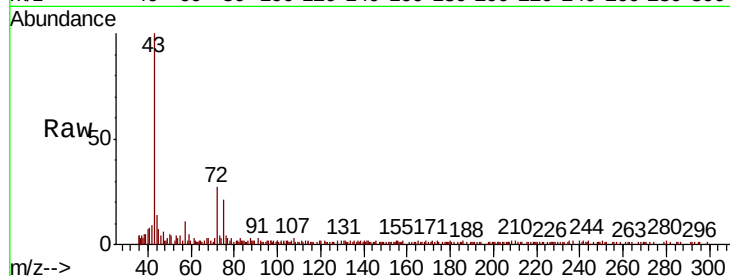
ClientSampled :

Tot Ion: 43 Resp: 33349

Ion Ratio Lower Upper

43 100

72 26.7 21.0 31.6



#26

2,2-Dichloropropane

Concen: 0.993 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013292.D

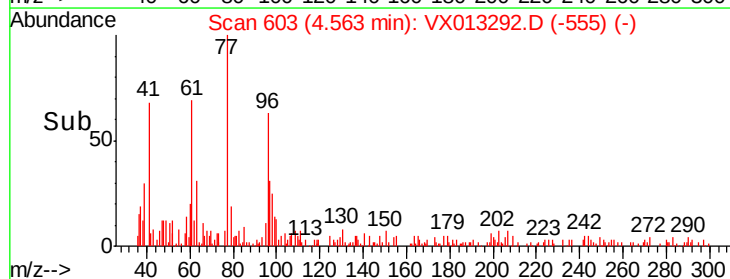
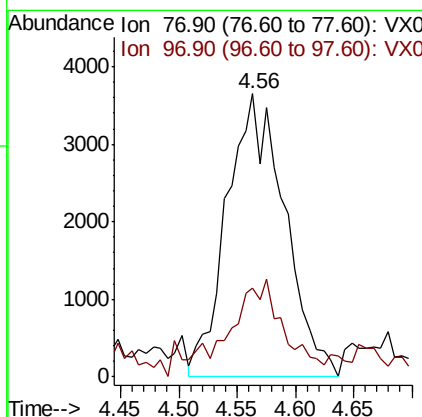
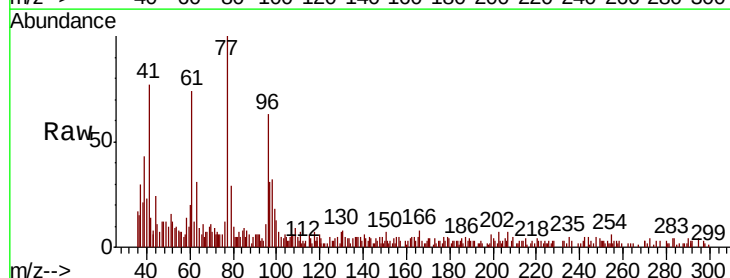
Acq: 31 Oct 2019 16:18

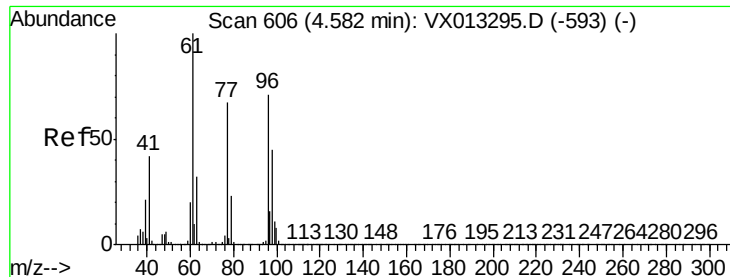
Tgt Ion: 77 Resp: 12551

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.8



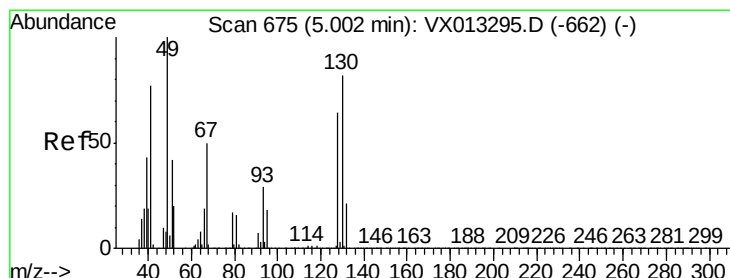
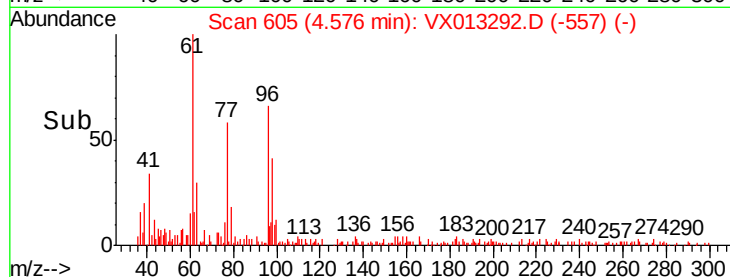
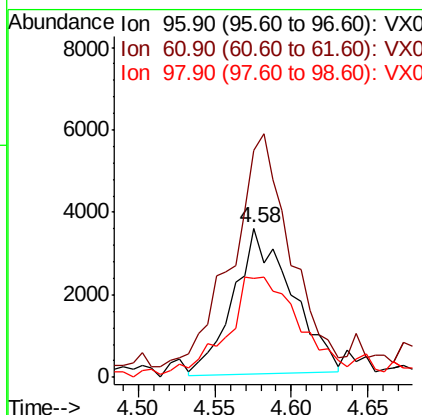
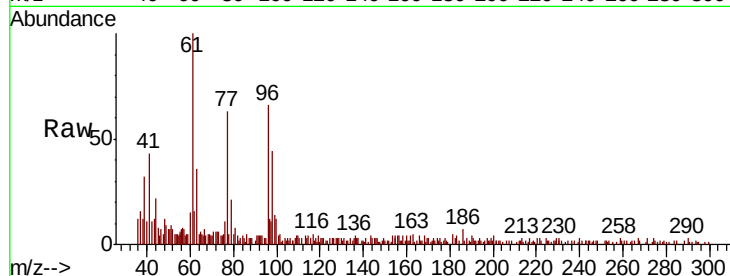


#27

cis-1,2-Dichloroethene
Concen: 0.881 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Instrument :
MSVOA_X
ClientSampleId :

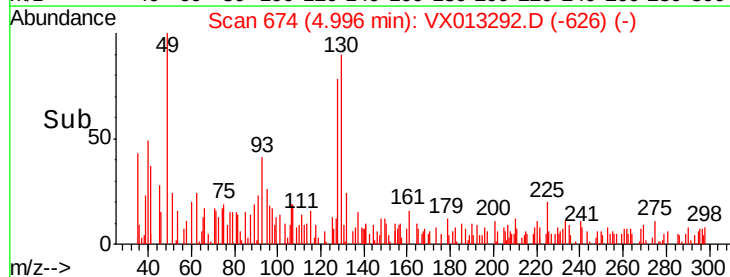
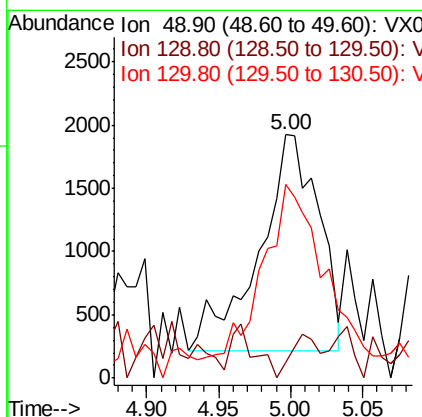
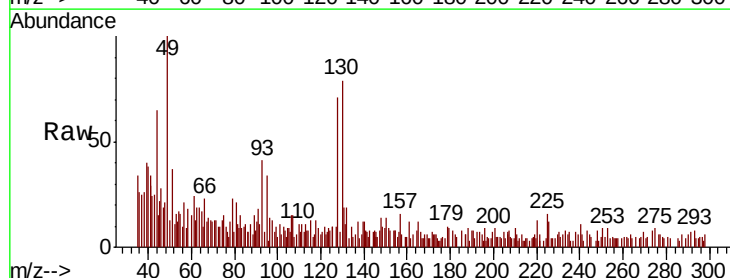
Tot Ion	Ratio	Lower	Upper
96	100		
61	163.6	0.0	288.0
98	81.8	0.0	129.6

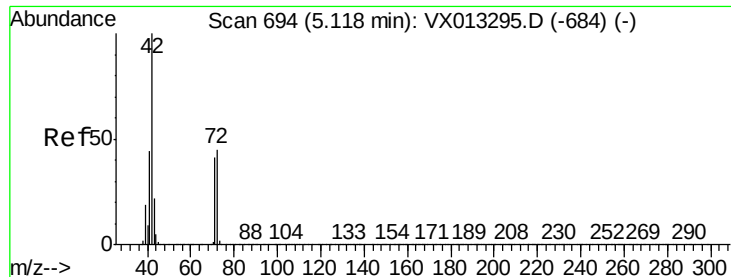


#28

Bromochloromethane
Concen: 0.726 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	9.1	0.0	5.2#
130	85.9	63.8	95.6





#29

Tetrahydrofuran

Concen: 4.328 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.01 min

Lab File: VX013292.D

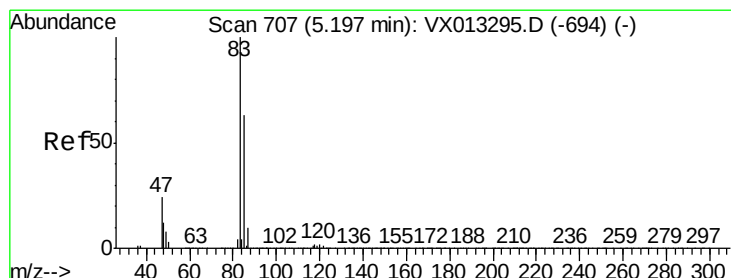
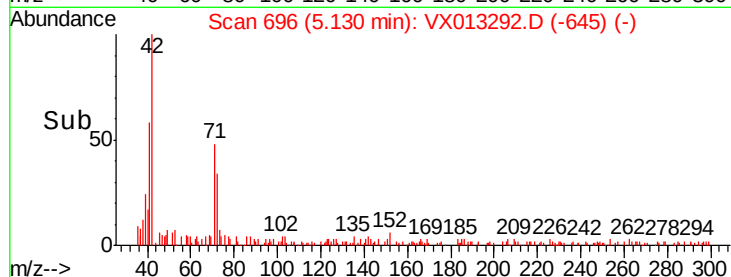
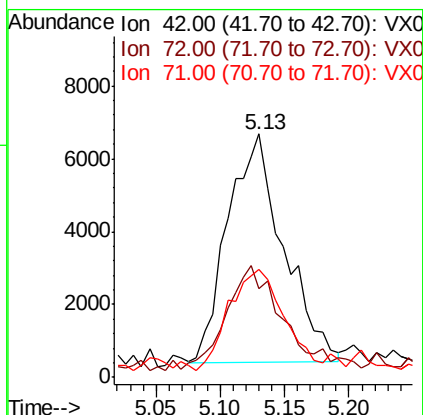
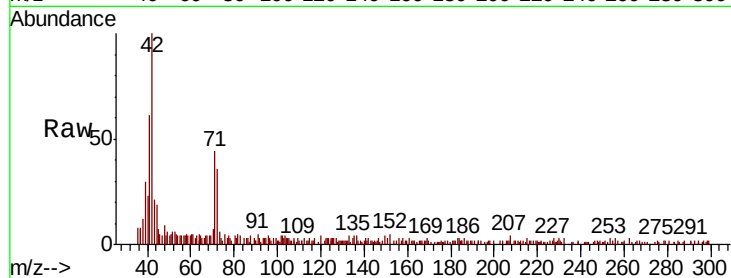
Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	42	Resp:	18964
Ion	Ratio	Lower	Upper
42	100		
72	48.4	35.8	53.8
71	43.1	33.4	50.0



#30

Chloroform

Concen: 0.916 ug/l

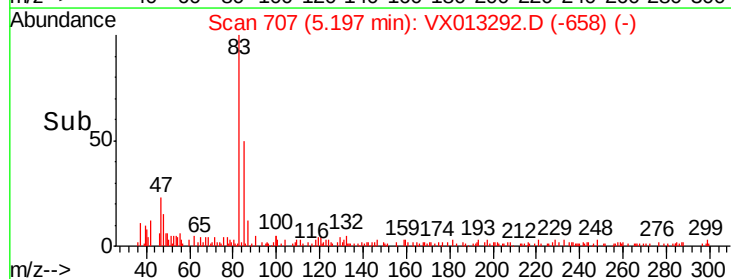
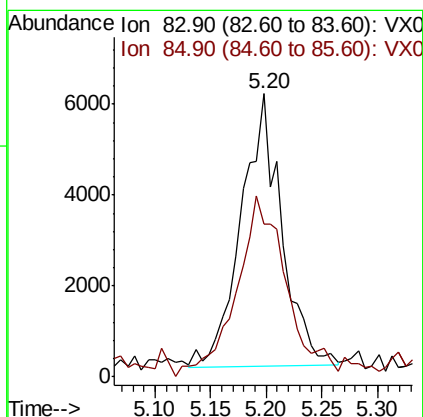
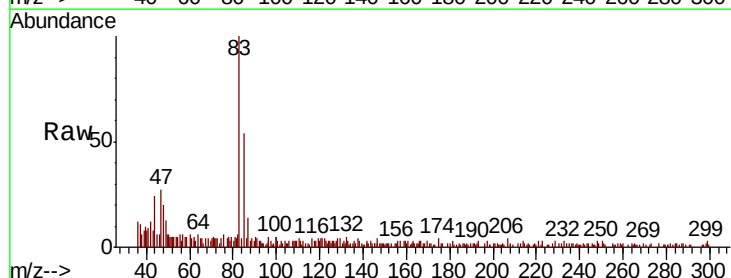
RT: 5.20 min Scan# 707

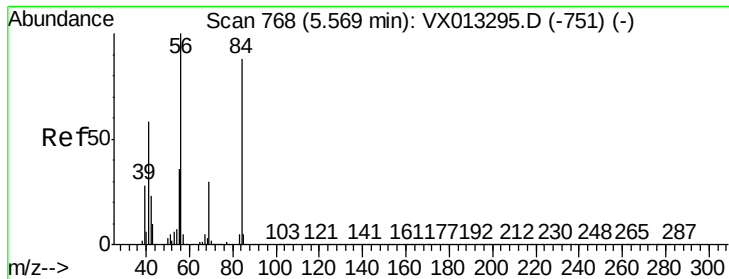
Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Tgt Ion:	83	Resp:	15166
Ion	Ratio	Lower	Upper
83	100		
85	54.1	50.2	75.4

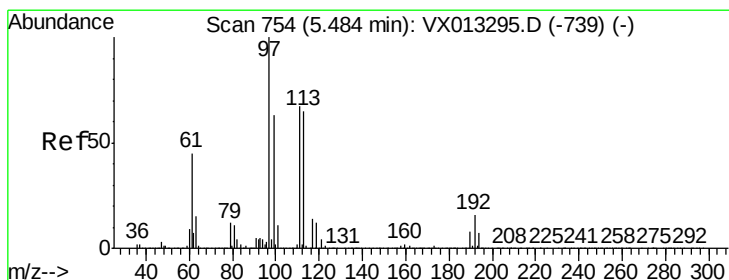
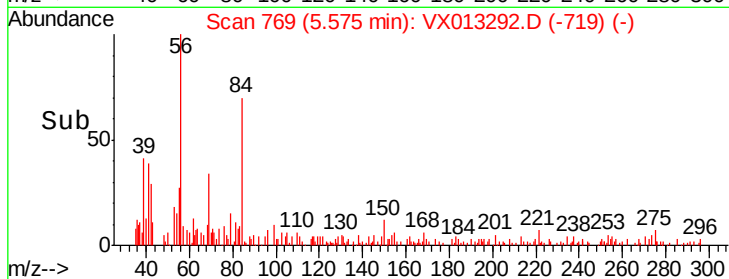
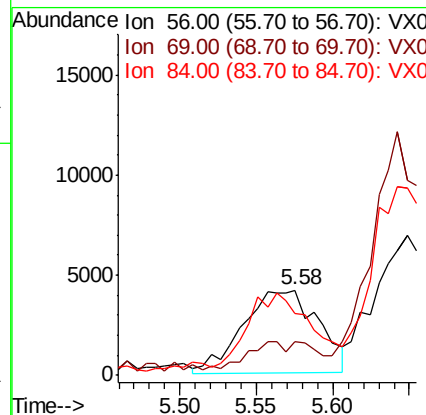
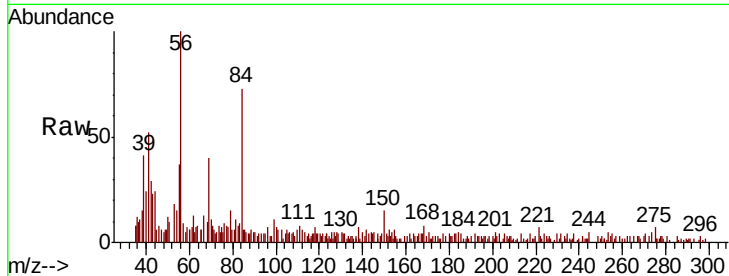




#31
Cyclohexane
Concen: 0.996 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

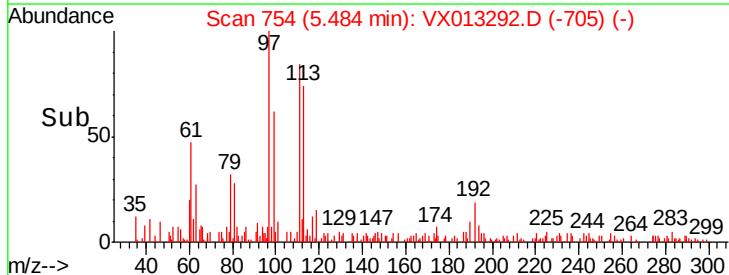
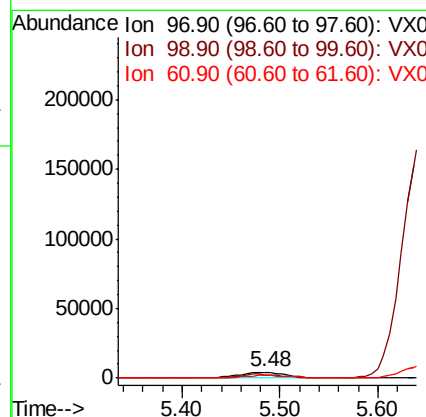
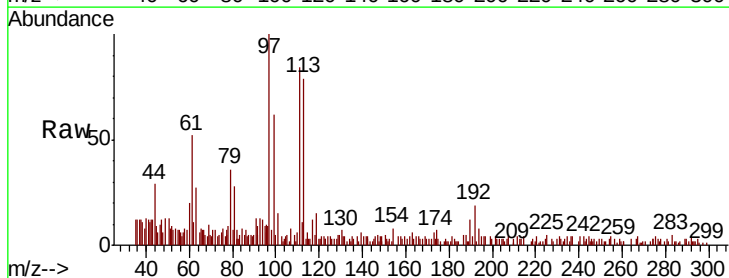
Instrument :
MSVOA_X
ClientSampleId :

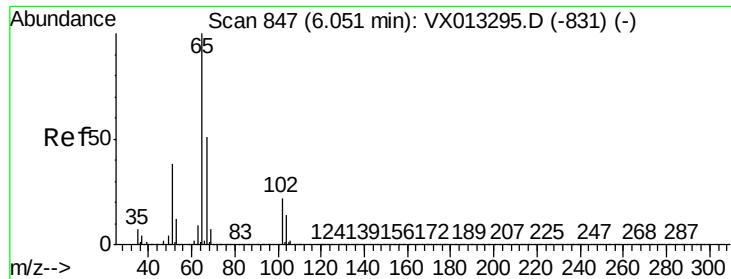
Tot Ion: 56 Resp: 14069
Ion Ratio Lower Upper
56 100
69 30.5 23.7 35.5
84 62.0 70.6 105.8#



#32
1,1,1-Trichloroethane
Concen: 0.962 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion: 97 Resp: 13687
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 46.4 36.5 54.7

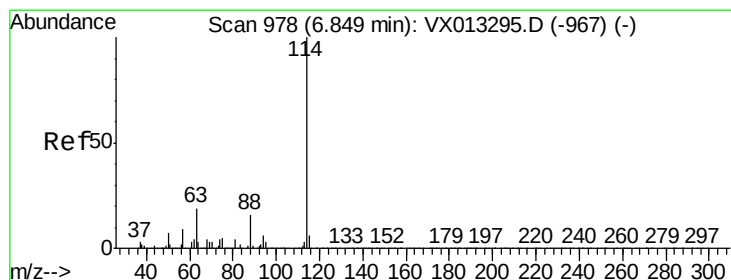
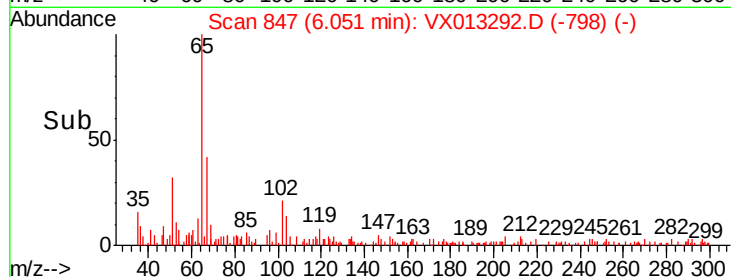
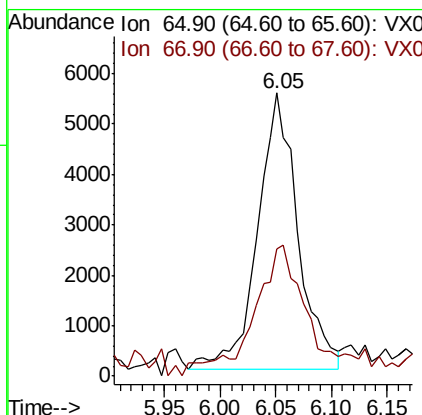
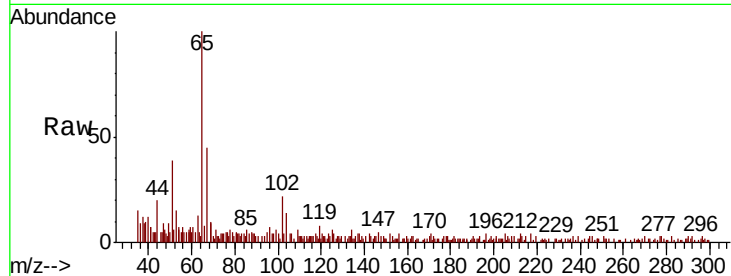




#33
 1,2-Dichloroethane-d4
 Concen: 1.344 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

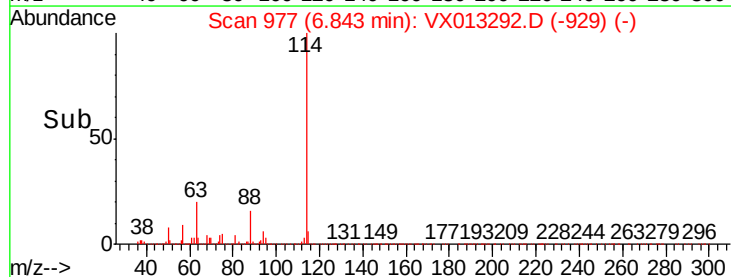
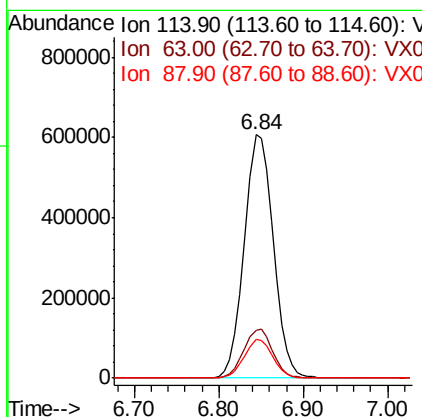
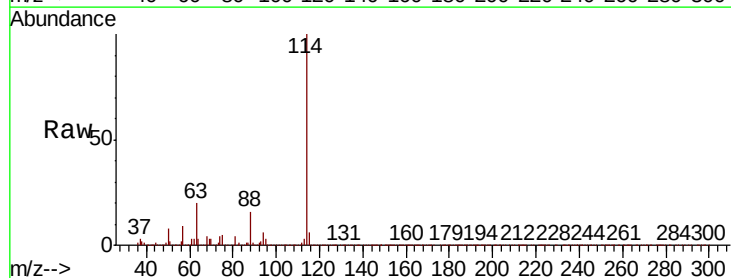
Instrument :
 MSVOA_X
 ClientSampleId :

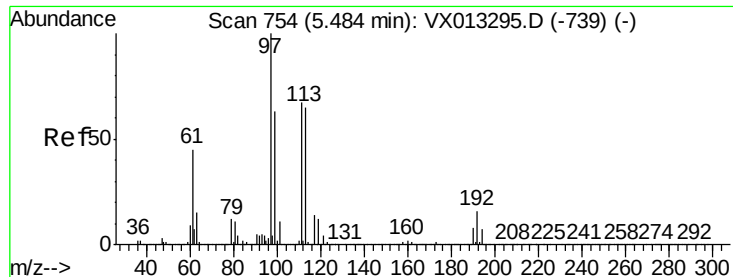
Tot Ion: 65 Resp: 13953
 Ion Ratio Lower Upper
 65 100
 67 62.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

Tgt Ion: 114 Resp: 1418632
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.4
 88 16.0 0.0 32.2

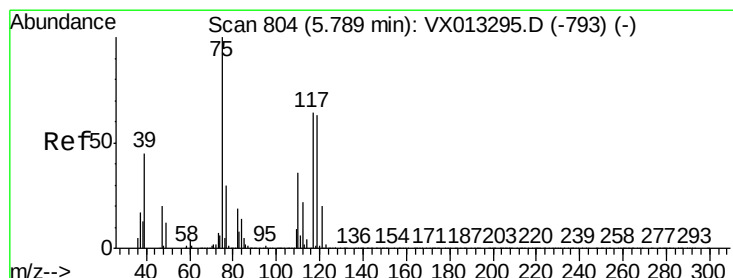
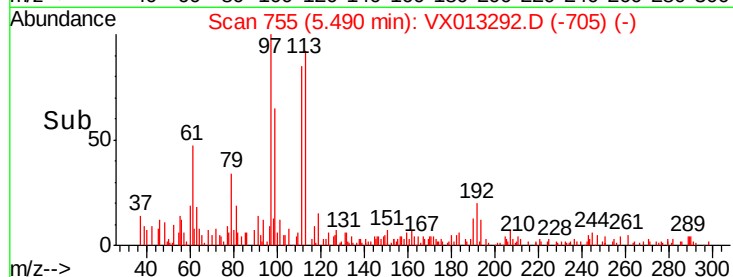
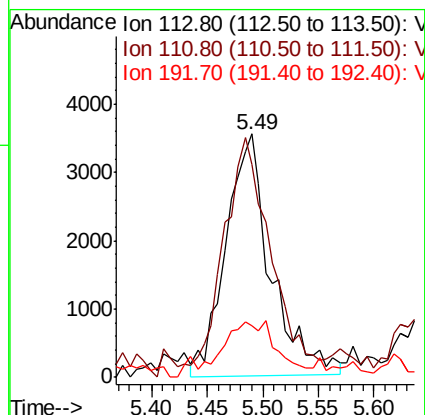
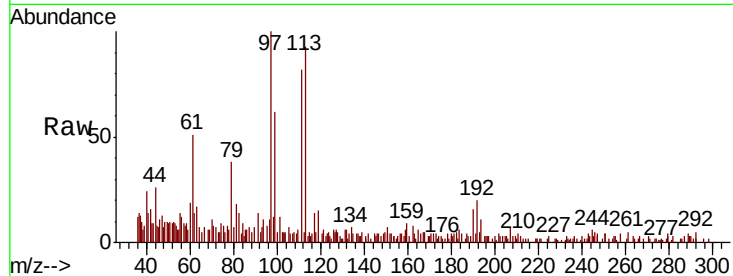




#35
 Dibromofluoromethane
 Concen: 1.108 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

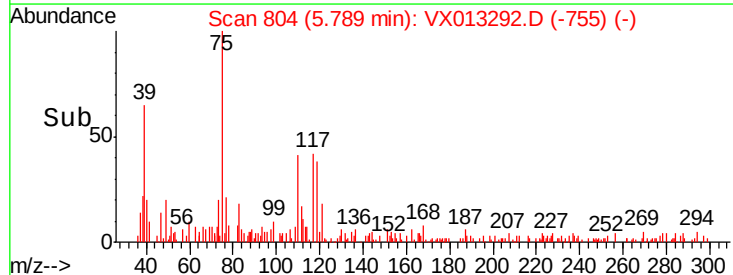
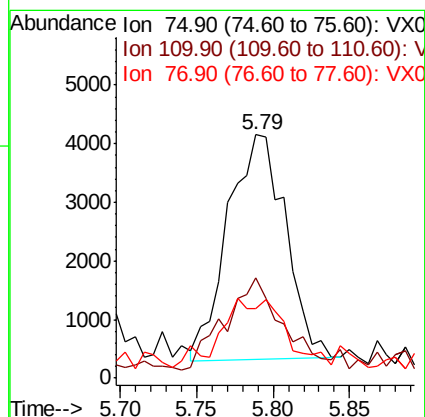
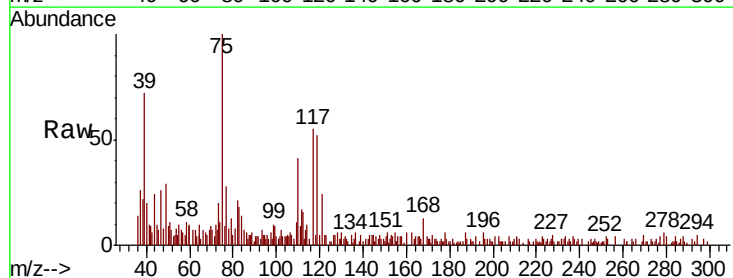
Instrument :
 MSVOA_X
 ClientSampleId :

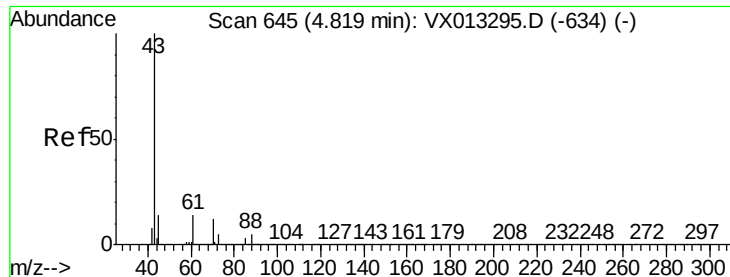
Tot Ion:113 Resp: 9958
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.9 122.9
 192 23.7 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 0.845 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

Tgt Ion: 75 Resp: 10017
 Ion Ratio Lower Upper
 75 100
 110 43.2 18.1 54.1
 77 34.5 25.0 37.4

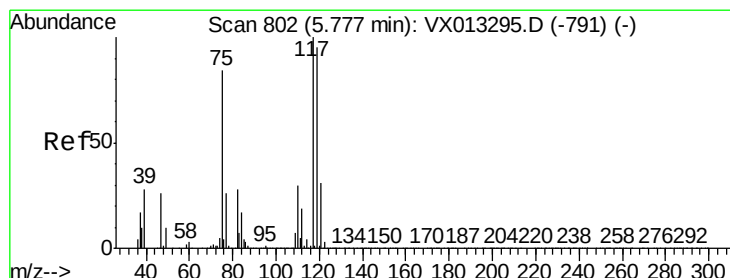
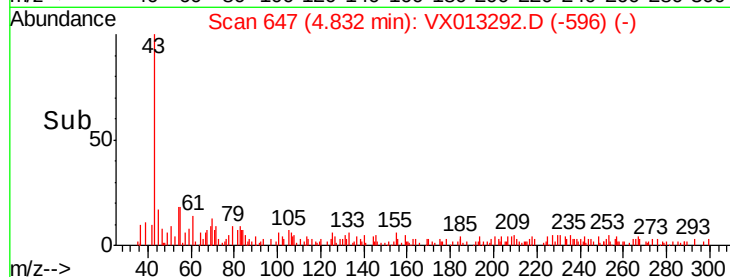
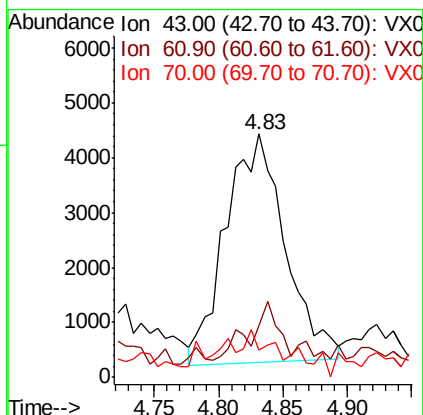
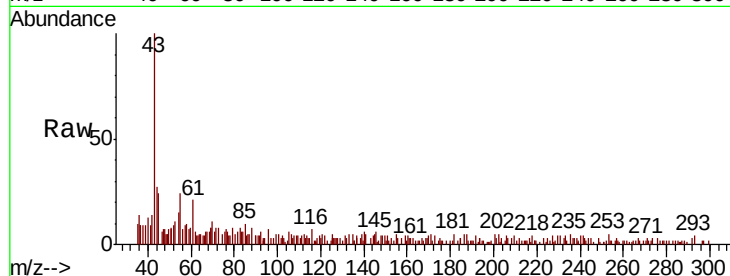




#37
Ethyl Acetate
Concen: 1.073 ug/l
RT: 4.83 min Scan# 647
Delta R.T. 0.01 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

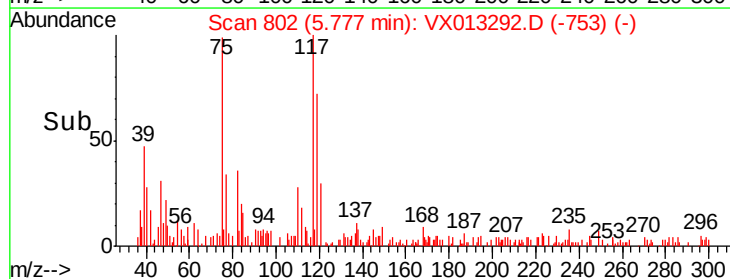
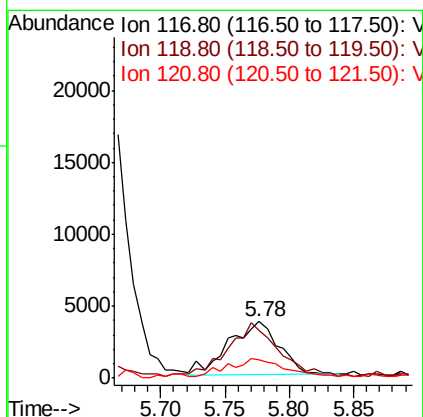
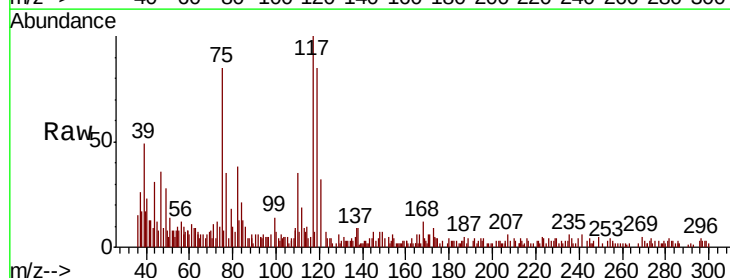
Instrument :
MSVOA_X
ClientSampleId :

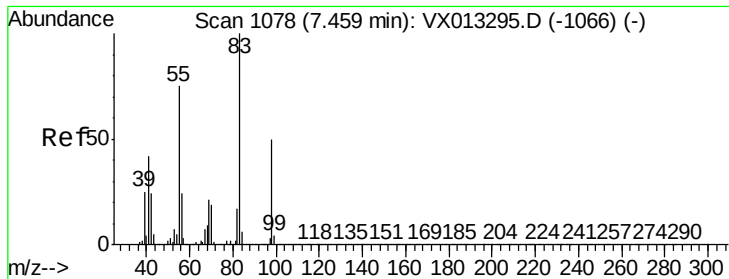
Tot Ion: 43 Resp: 13425
Ion Ratio Lower Upper
43 100
61 12.1 10.7 16.1
70 6.7 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 0.815 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion: 117 Resp: 9939
Ion Ratio Lower Upper
117 100
119 91.4 76.1 114.1
121 31.8 24.6 37.0

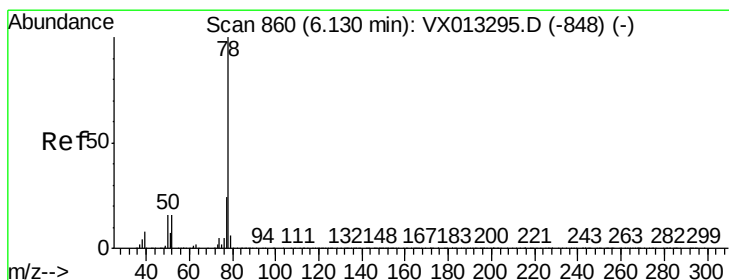
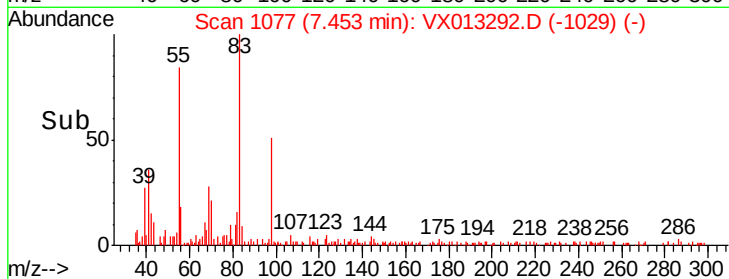
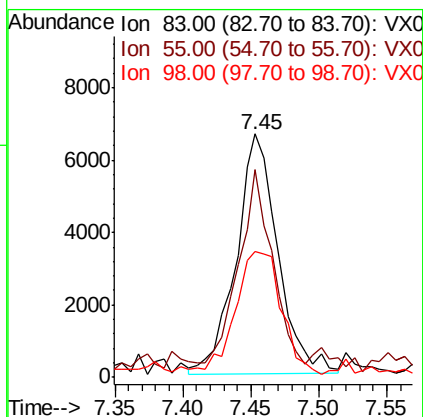
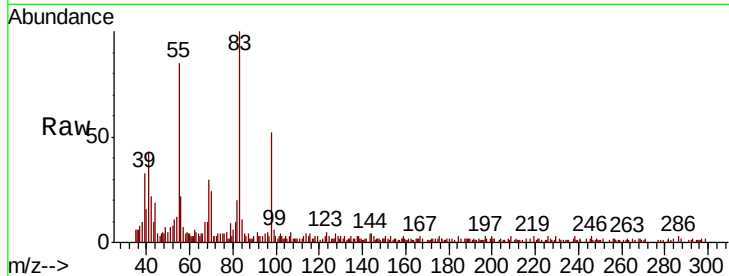




#39
Methylvlcyclohexane
Concen: 0.942 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

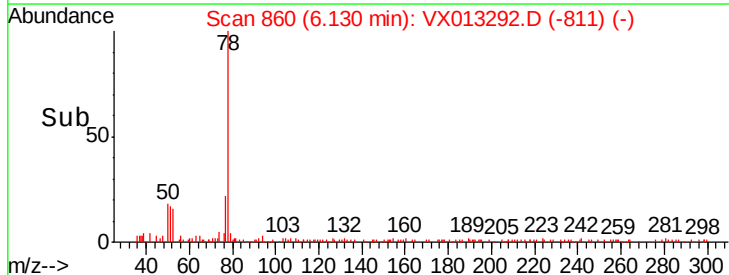
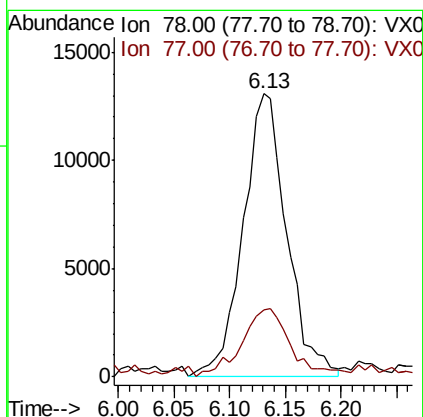
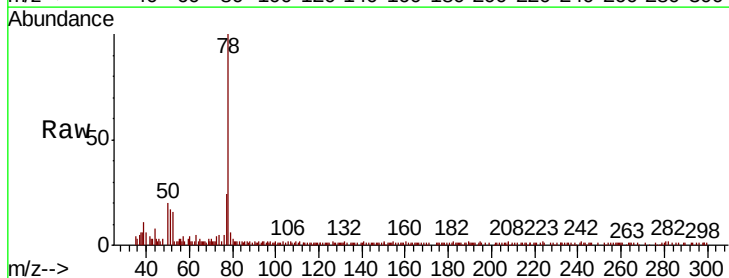
Instrument :
MSVOA_X
ClientSampleId :

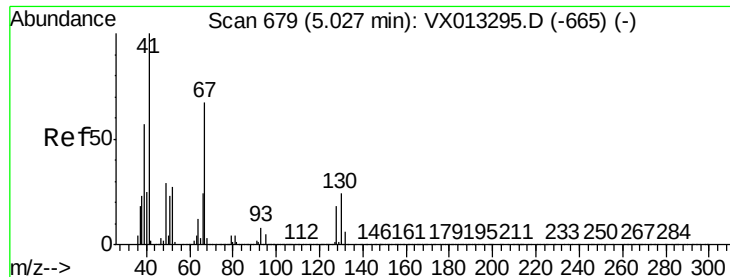
Tot Ion	Ratio	Lower	Upper
83	100		
55	81.5	60.3	90.5
98	50.6	40.3	60.5



#40
Benzene
Concen: 0.988 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.2	19.5	29.3





#41

Methacrylonitrile

Concen: 0.739 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 5295

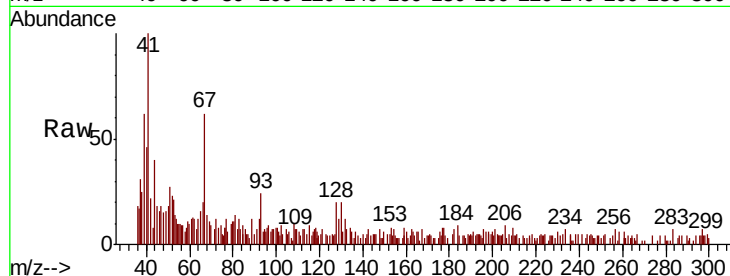
Ion Ratio Lower Upper

41 100

39 32.2 45.0 67.6#

67 80.9 55.4 83.2

52 37.7 23.1 34.7#

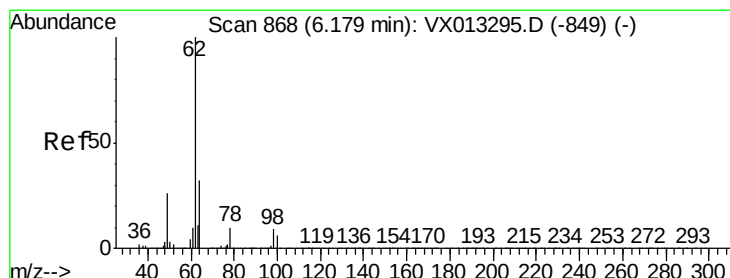
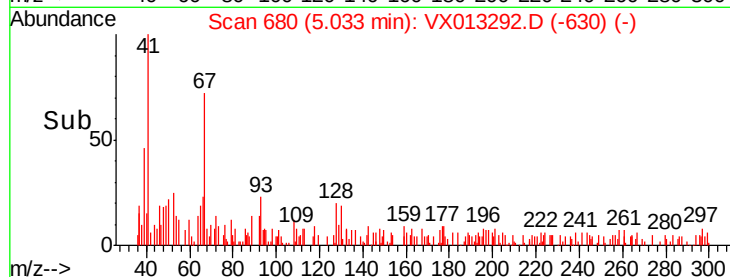
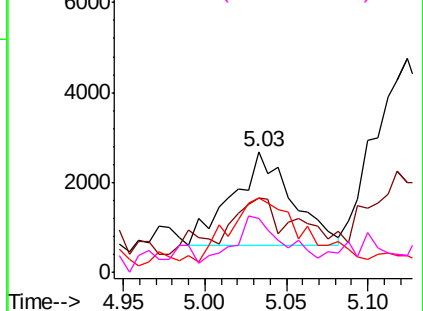


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 0.940 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX013292.D

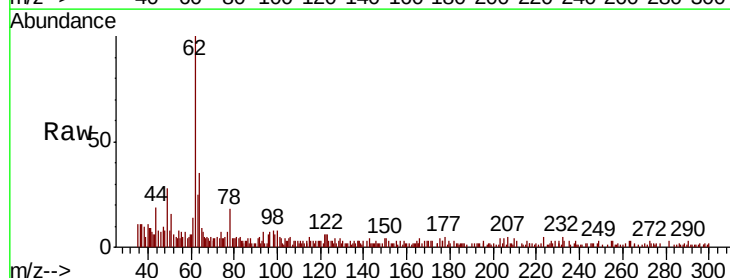
Acq: 31 Oct 2019 16:18

Tgt Ion: 62 Resp: 12038

Ion Ratio Lower Upper

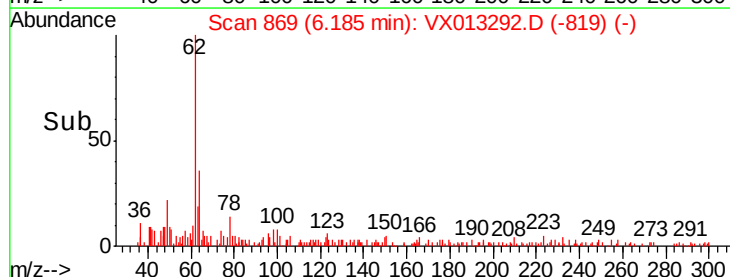
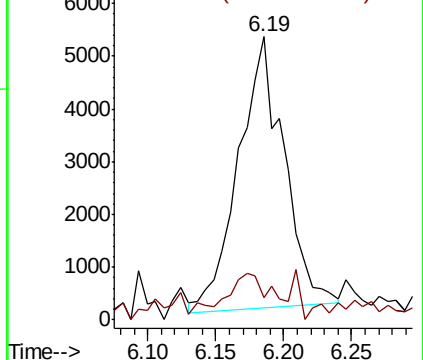
62 100

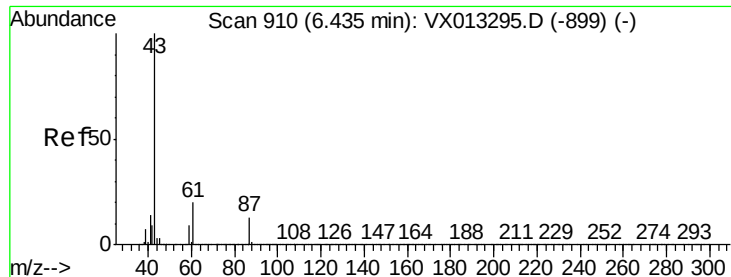
98 12.6 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.912 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

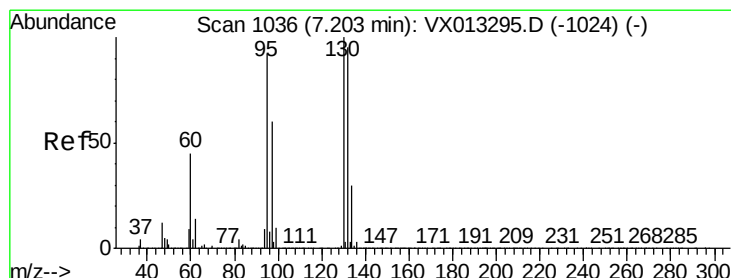
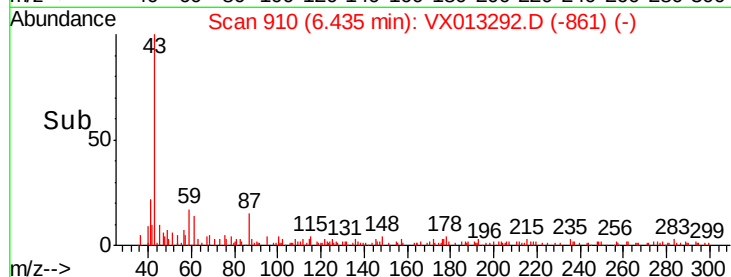
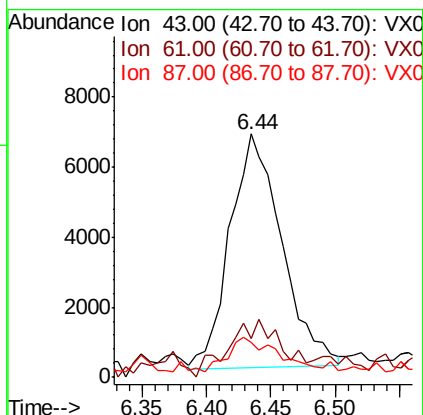
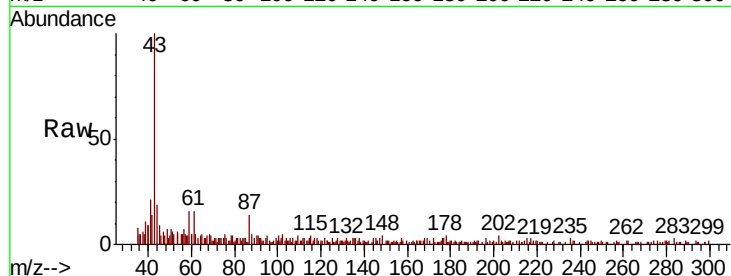
Tot Ion: 43 Resp: 18712

Ion Ratio Lower Upper

43 100

61 12.3 15.8 23.8#

87 16.2 10.4 15.6#



#44

Trichloroethene

Concen: 1.012 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013292.D

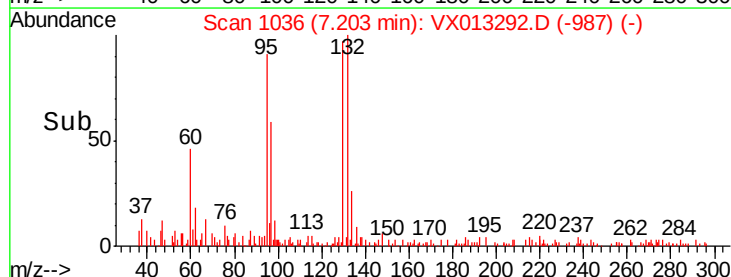
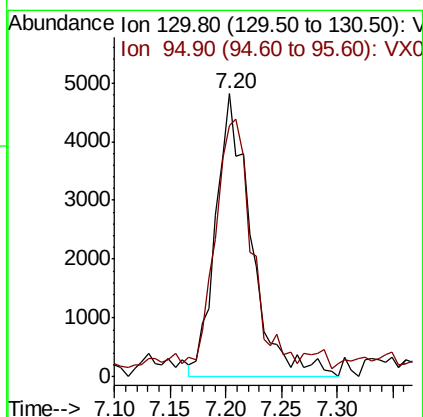
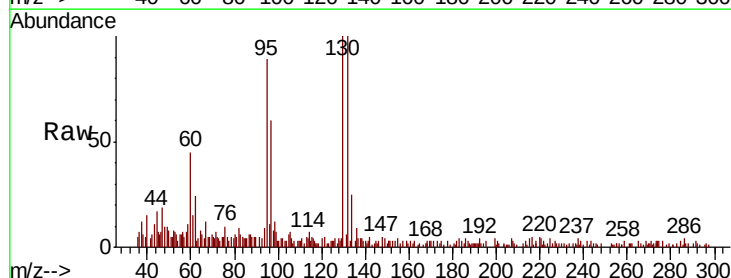
Acq: 31 Oct 2019 16:18

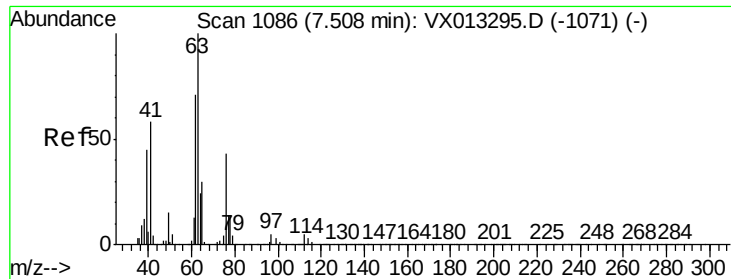
Tgt Ion: 130 Resp: 10708

Ion Ratio Lower Upper

130 100

95 86.7 0.0 184.8





#45

1,2-Dichloropropane

Concen: 0.902 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

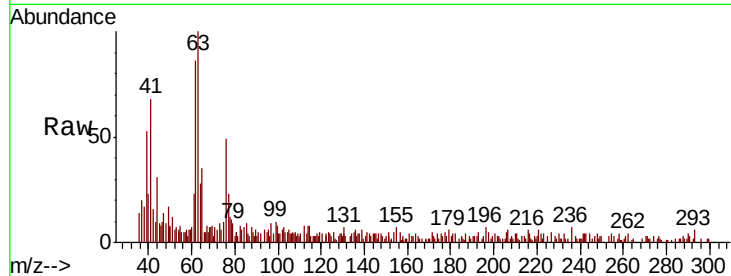
ClientSampleId :

Tot Ion: 63 Resp: 8348

Ion Ratio Lower Upper

63 100

65 32.2 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

4000

3000

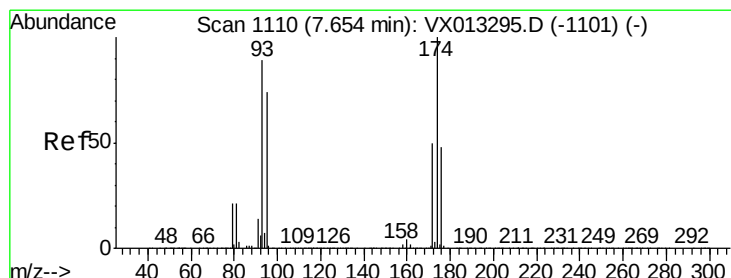
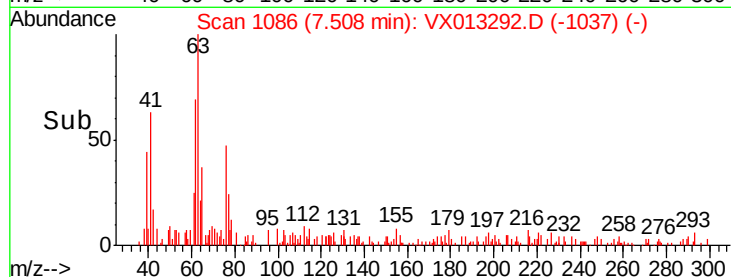
2000

1000

0

7.45 7.50 7.55

Time-->



#46

Dibromomethane

Concen: 0.934 ug/l

RT: 7.66 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

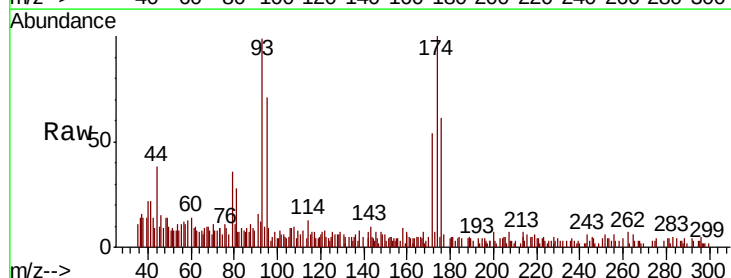
Tgt Ion: 93 Resp: 6106

Ion Ratio Lower Upper

93 100

95 78.2 65.8 98.6

174 110.8 90.4 135.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

4000

3000

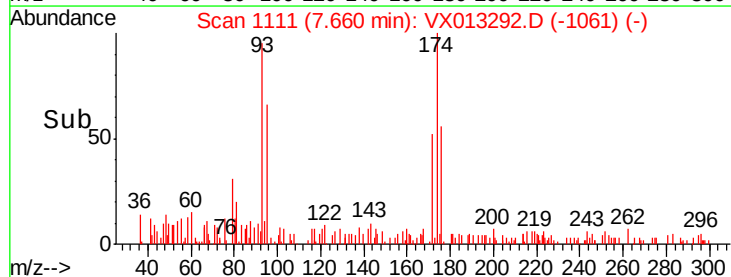
2000

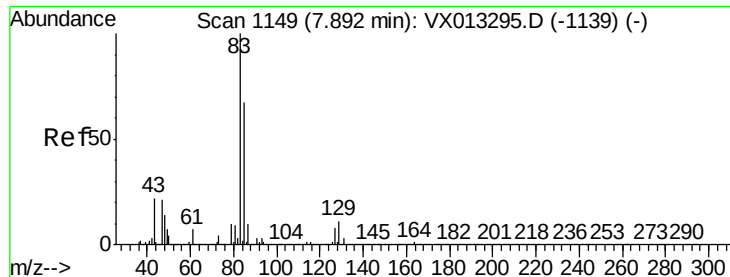
1000

0

7.60 7.65 7.70

Time-->





#47

Bromodichloromethane

Concen: 0.873 ug/l

RT: 7.89 min Scan# 1149

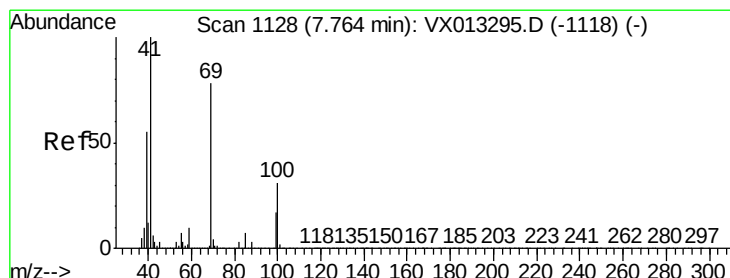
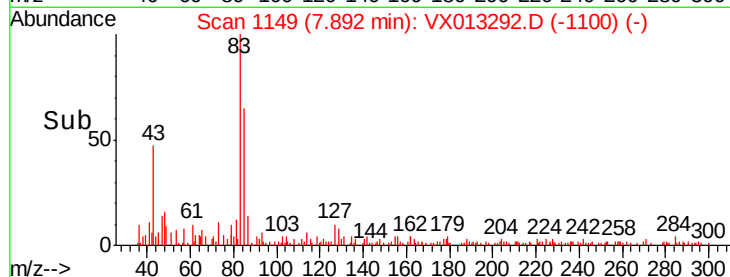
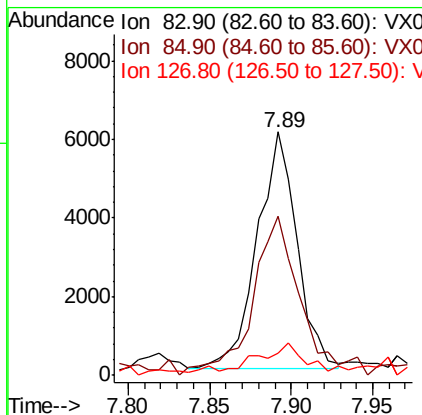
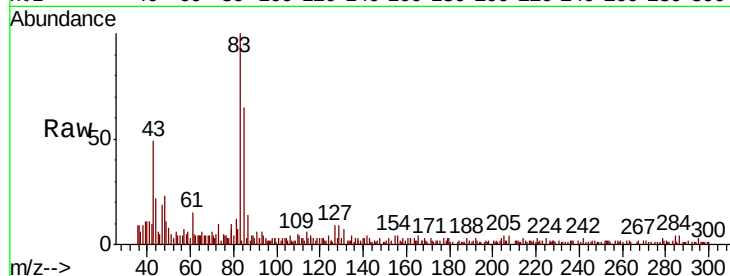
Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	83	Resp:	10290
Ion	Ratio	Lower	Upper
83	100		
85	64.9	53.7	80.5
127	8.2	6.4	9.6



#48

Methyl methacrylate

Concen: 0.843 ug/l

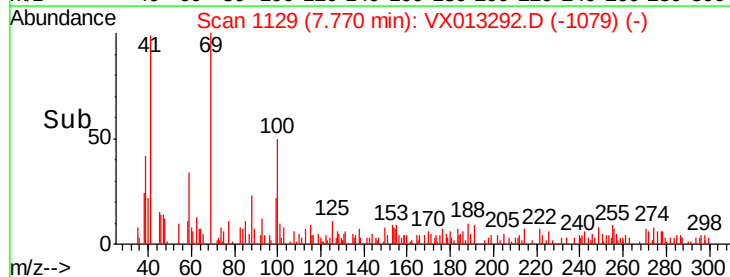
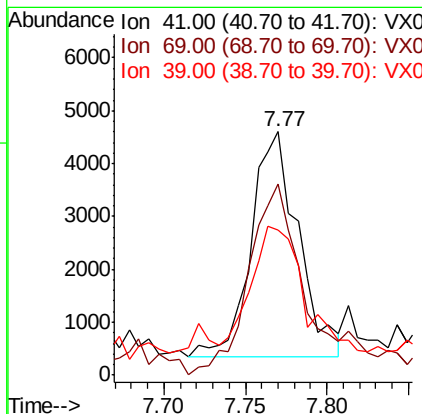
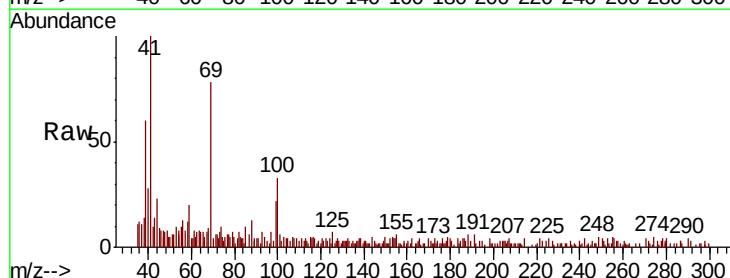
RT: 7.77 min Scan# 1129

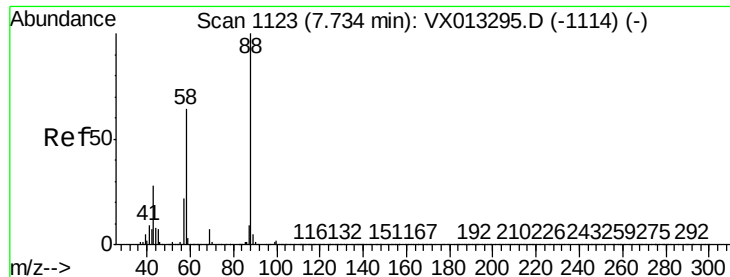
Delta R.T. 0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Tgt Ion:	41	Resp:	8518
Ion	Ratio	Lower	Upper
41	100		
69	104.7	63.0	94.6#
39	66.6	45.9	68.9





#49

1,4-Dioxane

Concen: 18.798 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

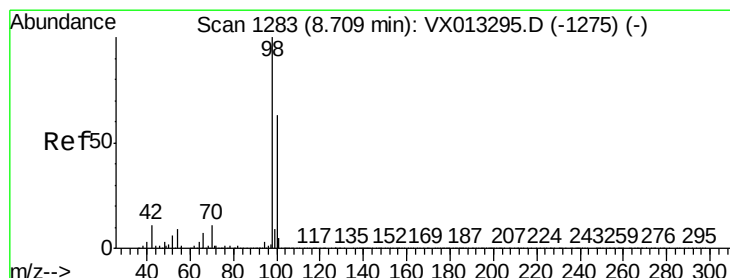
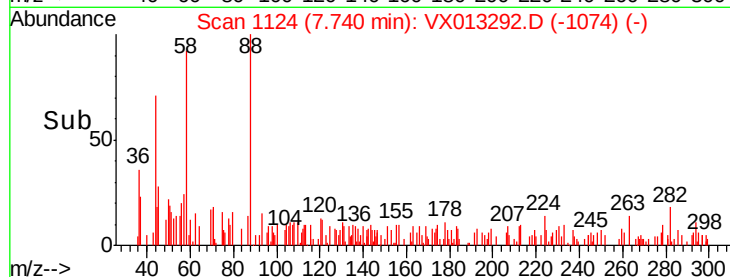
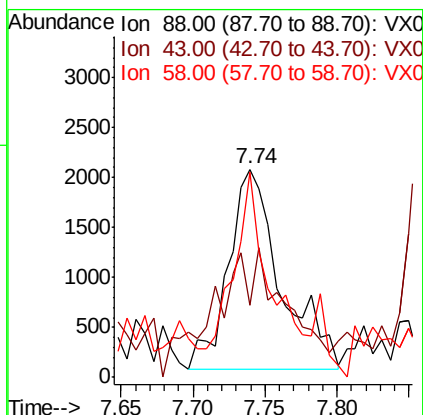
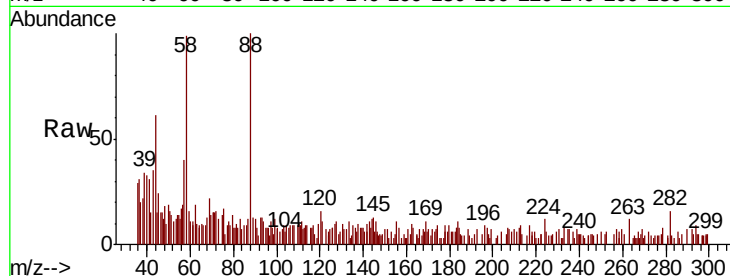
Tot Ion: 88 Resp: 5081

Ion Ratio Lower Upper

88 100

43 48.0 26.6 39.8#

58 55.5 55.0 82.6



#50

Toluene-d8

Concen: 1.028 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013292.D

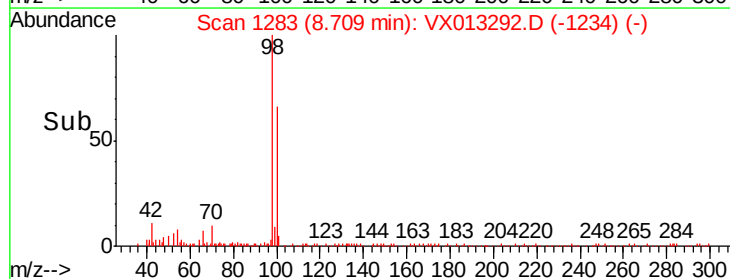
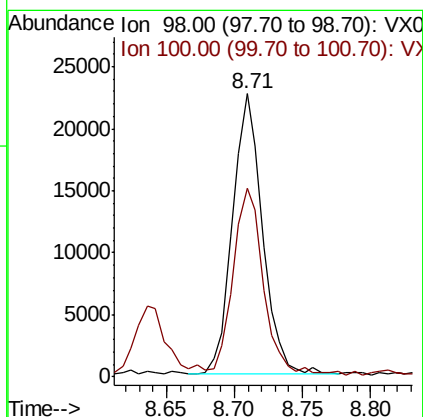
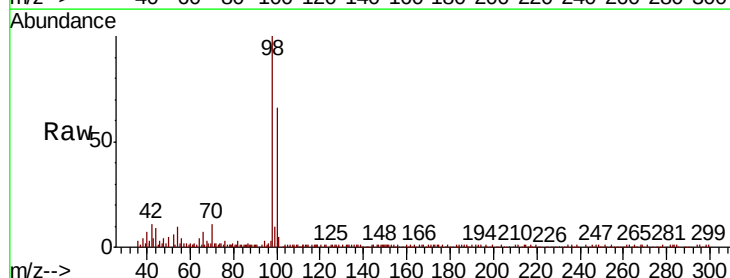
Acq: 31 Oct 2019 16:18

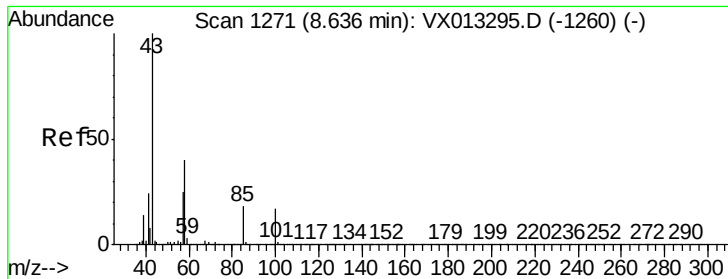
Tgt Ion: 98 Resp: 34723

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 4.578 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

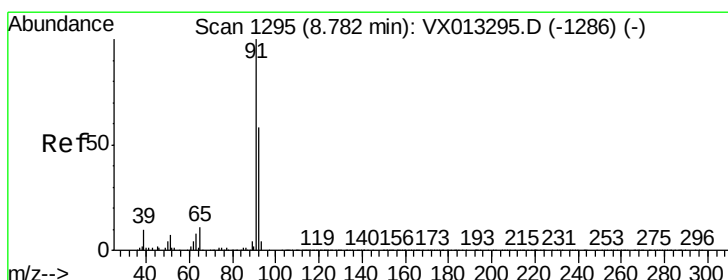
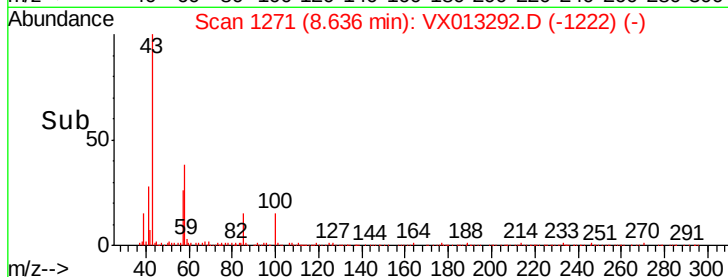
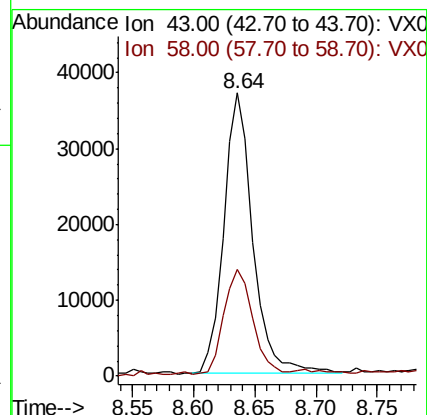
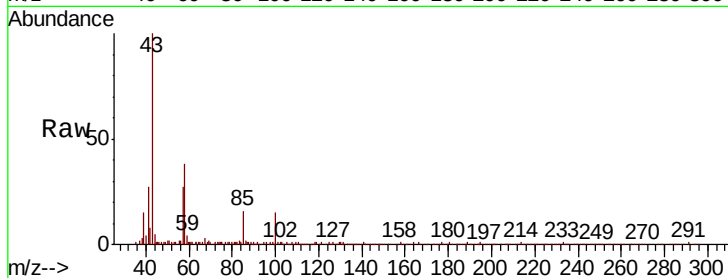
ClientSampleId :

Tot Ion: 43 Resp: 60893

Ion Ratio Lower Upper

43 100

58 37.5 31.4 47.0



#52

Toluene

Concen: 0.877 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013292.D

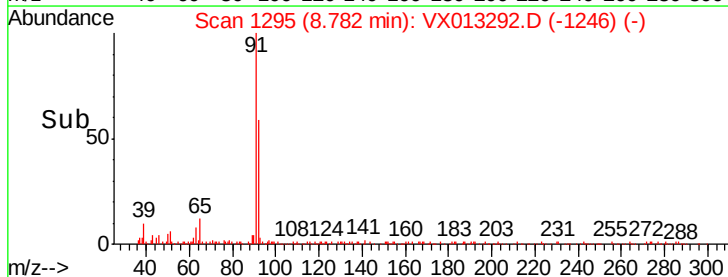
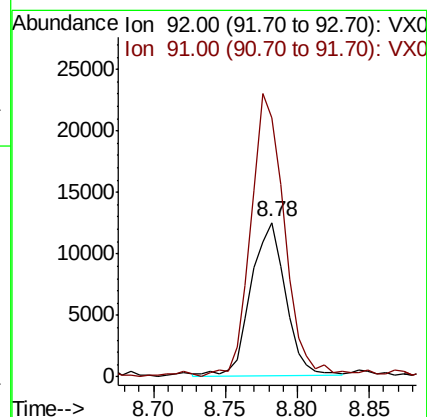
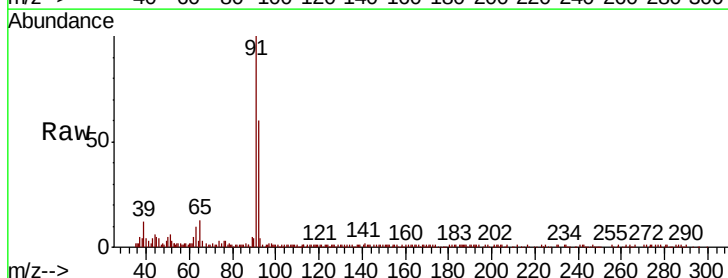
Acq: 31 Oct 2019 16:18

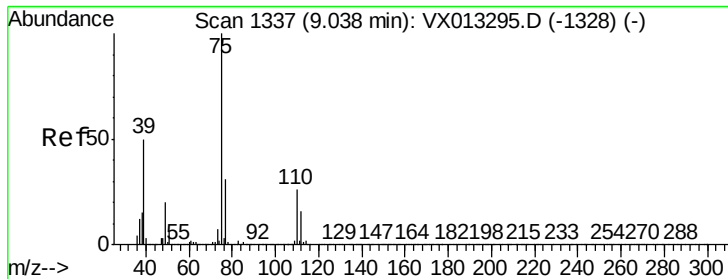
Tgt Ion: 92 Resp: 20702

Ion Ratio Lower Upper

92 100

91 180.4 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 0.802 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

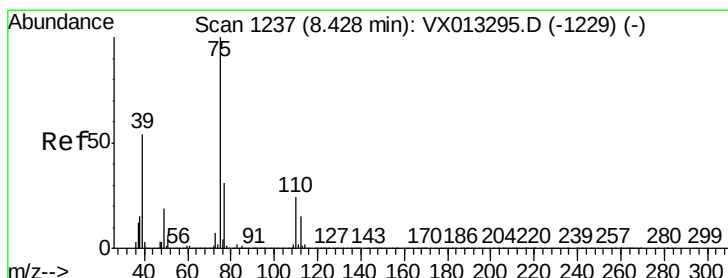
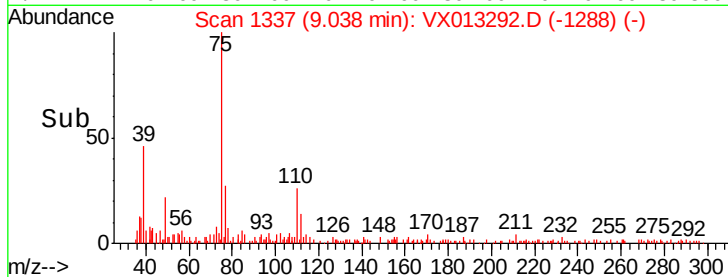
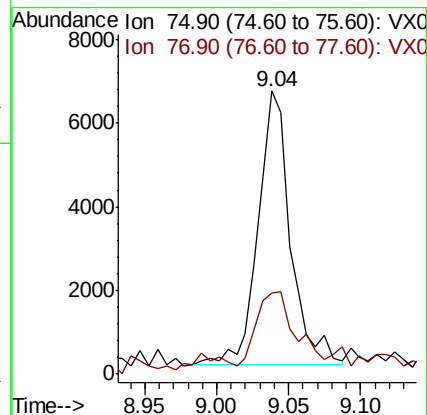
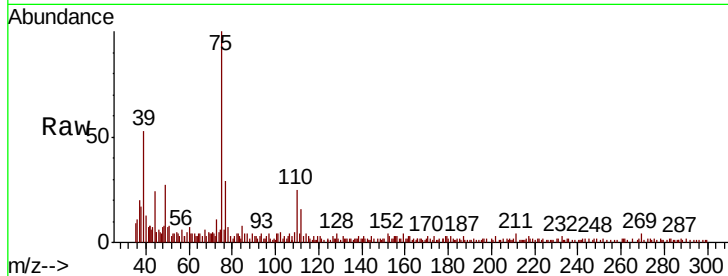
ClientSampleId :

Tot Ion: 75 Resp: 10206

Ion Ratio Lower Upper

75 100

77 26.3 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 0.885 ug/l

RT: 8.43 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

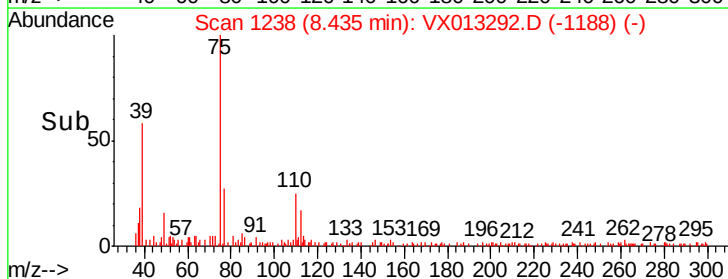
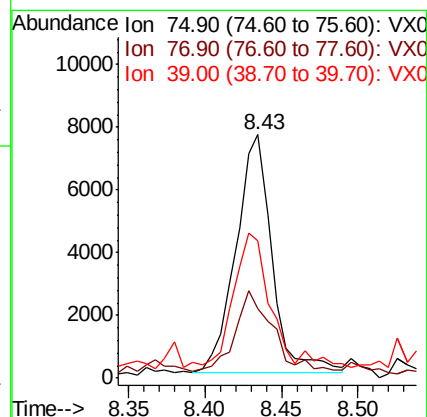
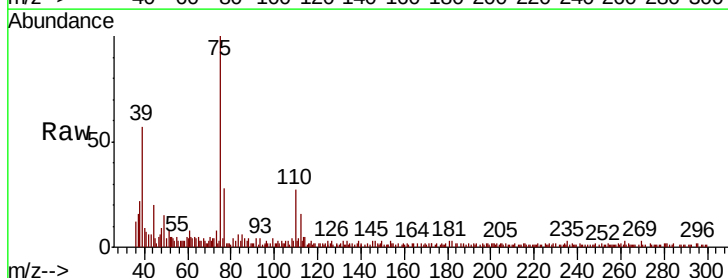
Tgt Ion: 75 Resp: 12477

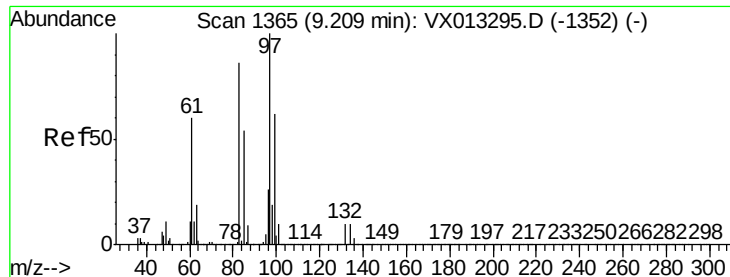
Ion Ratio Lower Upper

75 100

77 26.7 24.7 37.1

39 53.1 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 0.864 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 8421

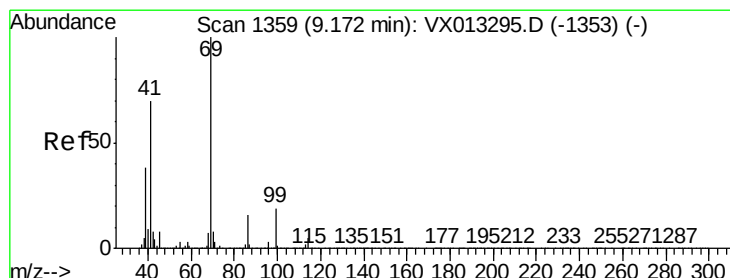
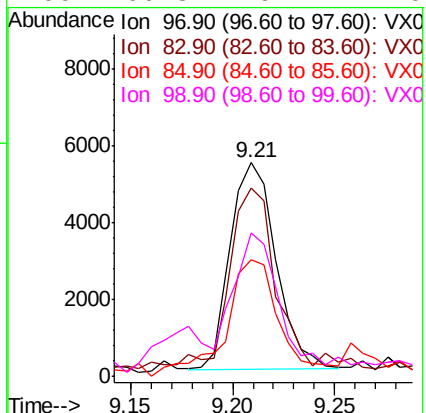
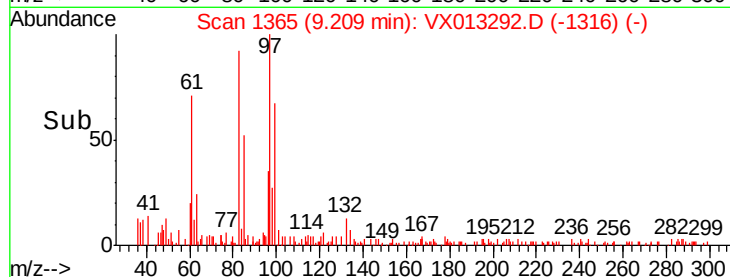
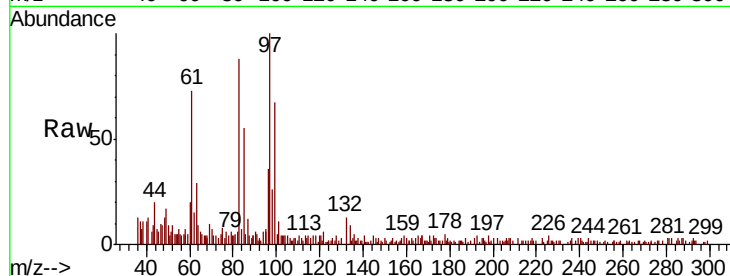
Ion	Ratio	Lower	Upper
97	100		
83	84.8	68.6	103.0
85	51.6	43.1	64.7
99	60.8	49.4	74.0

97 100

83 84.8 68.6 103.0

85 51.6 43.1 64.7

99 60.8 49.4 74.0



#56

Ethyl methacrylate

Concen: 0.737 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

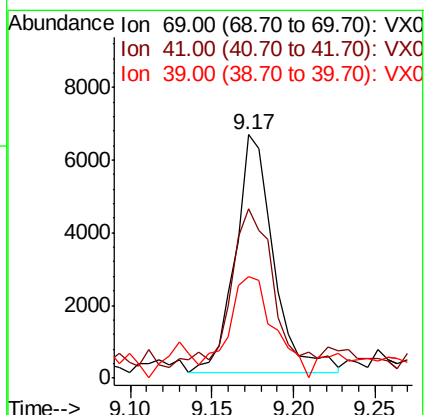
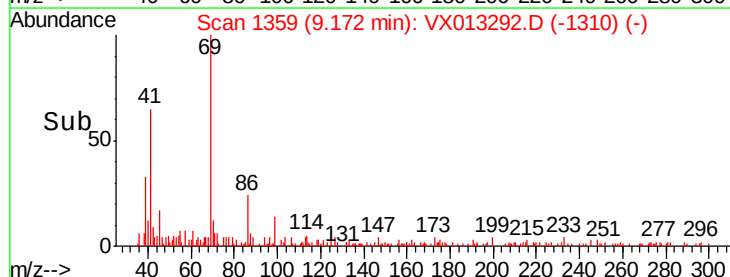
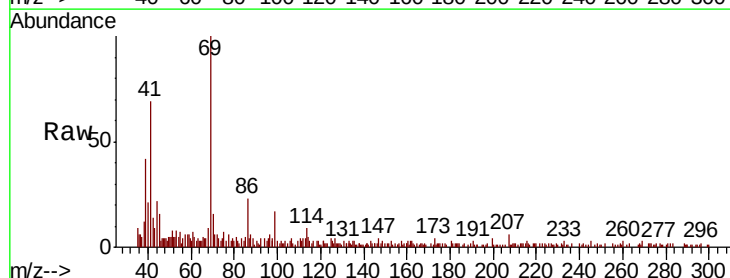
Tgt Ion: 69 Resp: 10601

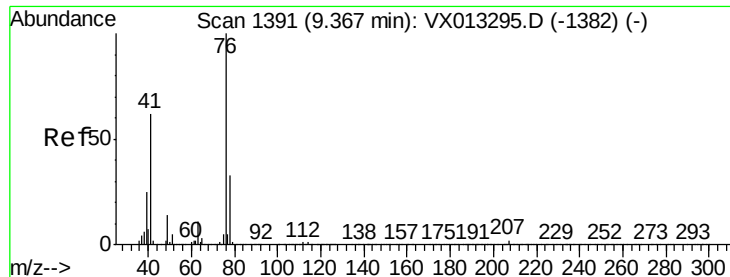
Ion	Ratio	Lower	Upper
69	100		
41	74.1	56.2	84.2
39	51.5	31.1	46.7

69 100

41 74.1 56.2 84.2

39 51.5 31.1 46.7

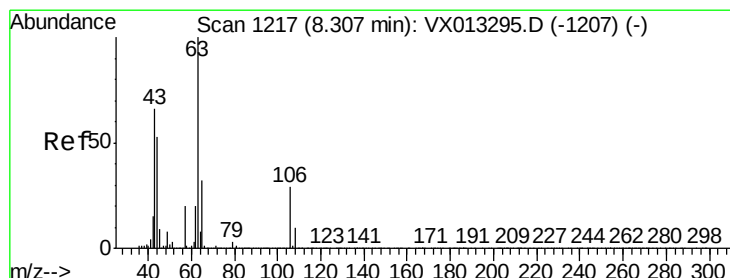
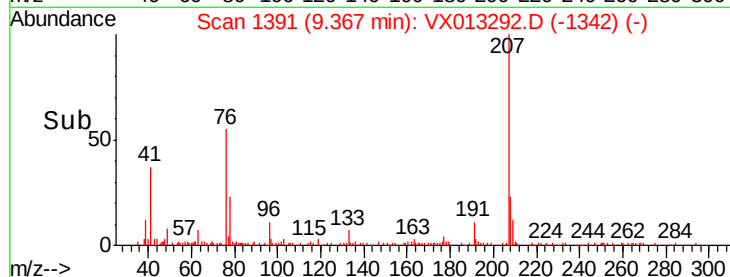
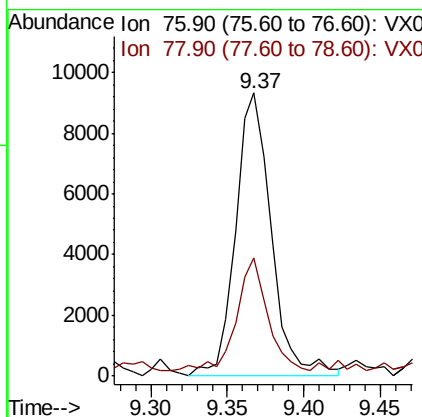
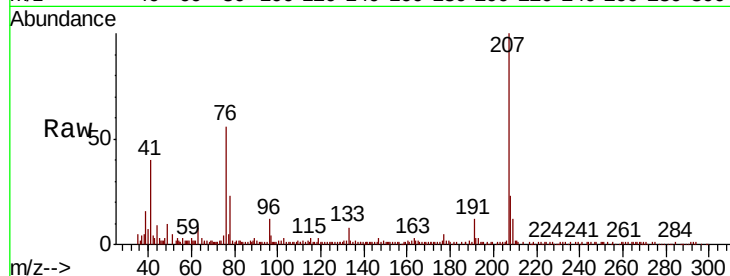




#57
 1,3-Dichloropropane
 Concen: 0.964 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

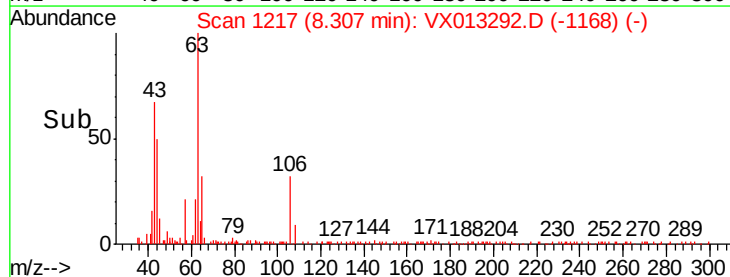
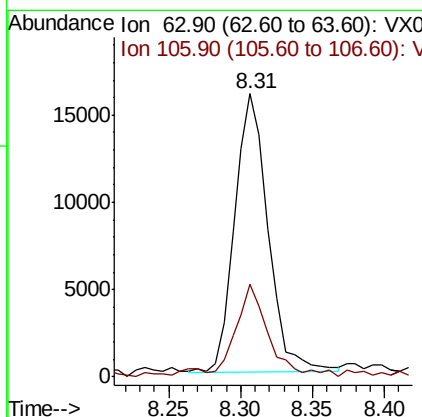
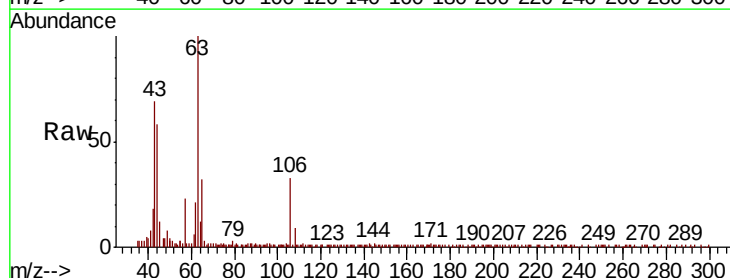
Instrument :
 MSVOA_X
 ClientSampleId :

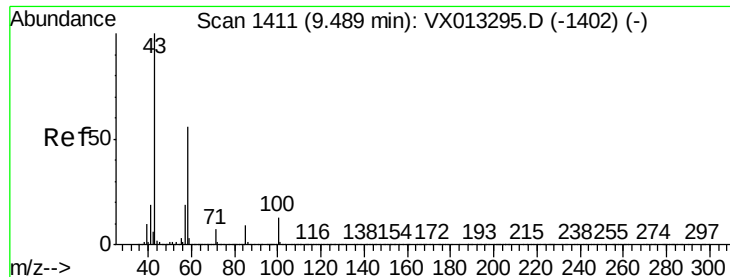
Tot Ion: 76 Resp: 15077
 Ion Ratio Lower Upper
 76 100
 78 34.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 3.776 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

Tgt Ion: 63 Resp: 25669
 Ion Ratio Lower Upper
 63 100
 106 32.7 23.4 35.2

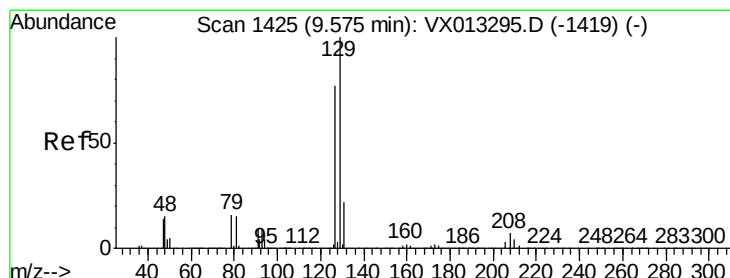
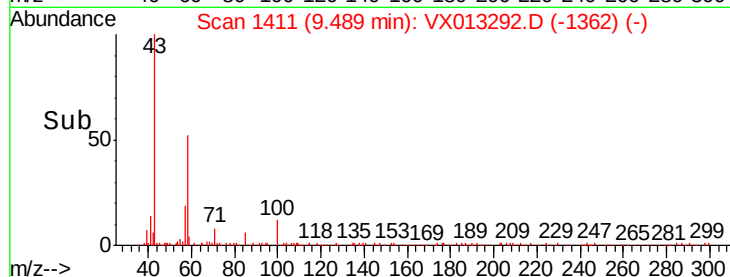
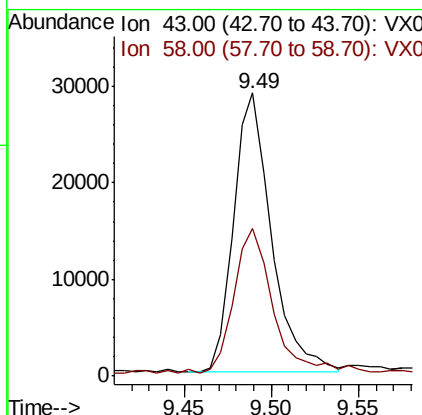
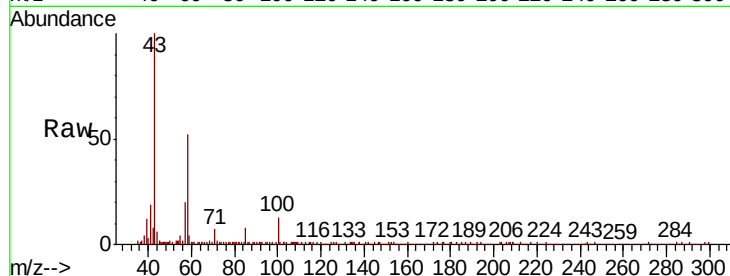




#59
2-Hexanone
Concen: 4.214 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

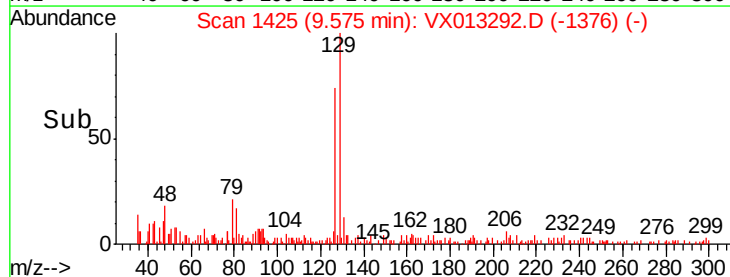
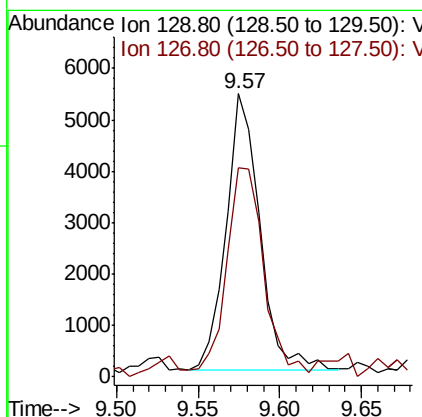
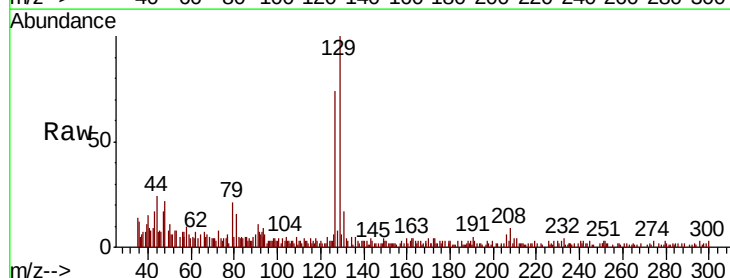
Instrument :
MSVOA_X
ClientSampleId :

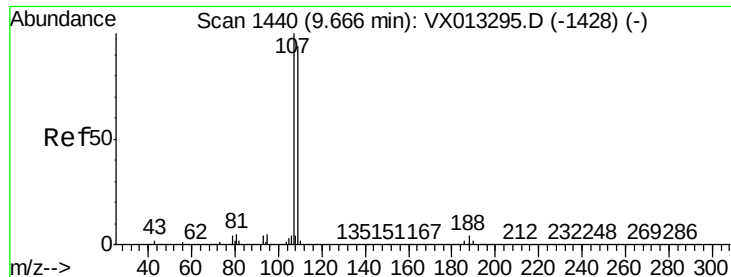
Tot Ion: 43 Resp: 43378
Ion Ratio Lower Upper
43 100
58 54.9 27.3 81.8



#60
Dibromochloromethane
Concen: 0.787 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion: 129 Resp: 7736
Ion Ratio Lower Upper
129 100
127 84.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 0.862 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

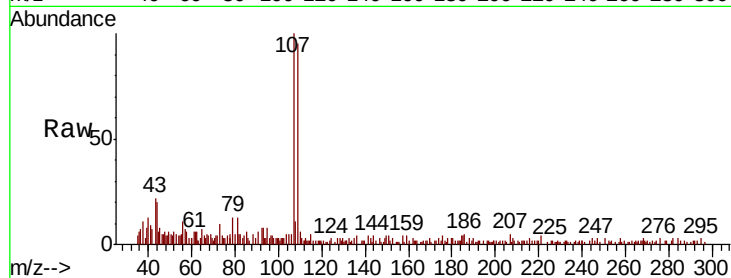
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 107 Resp: 8893

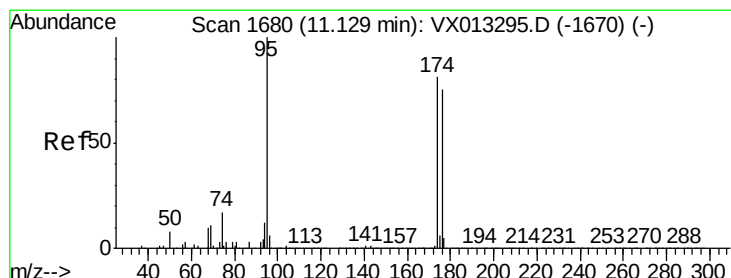
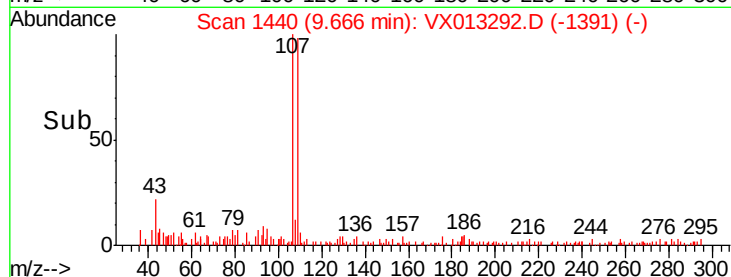
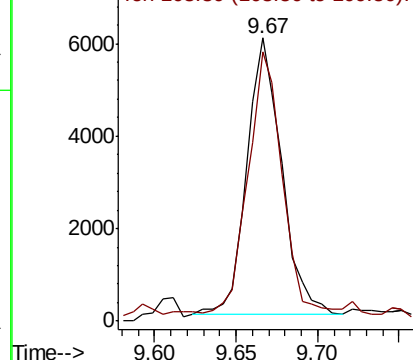
Ion Ratio Lower Upper

107 100

109 90.5 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 0.982 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

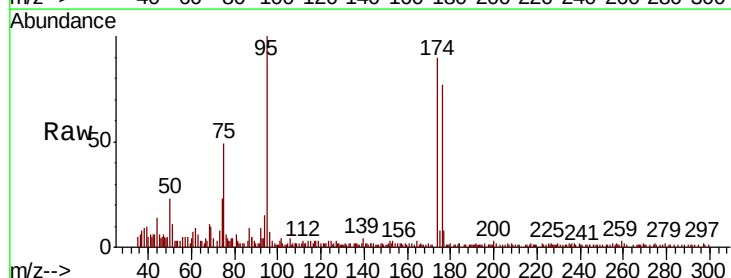
Tgt Ion: 95 Resp: 12082

Ion Ratio Lower Upper

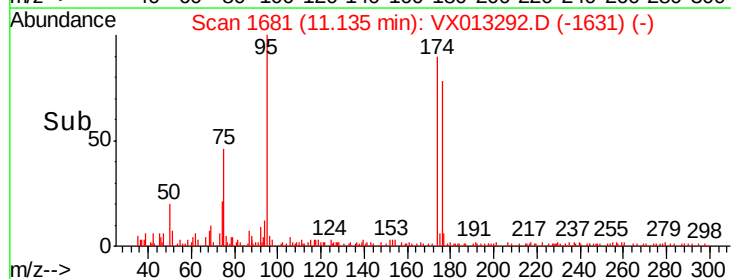
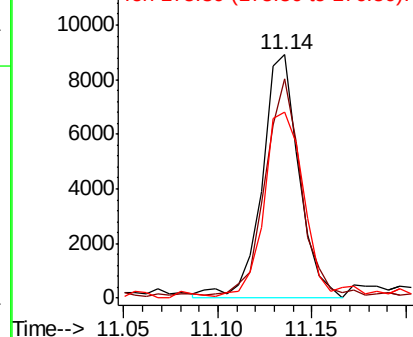
95 100

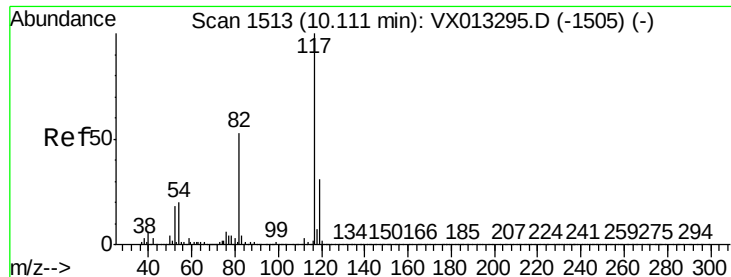
174 85.8 0.0 179.8

176 83.3 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

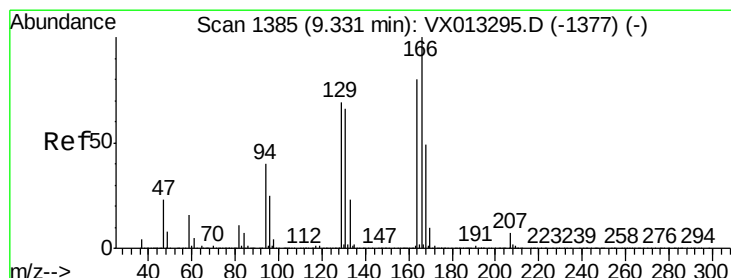
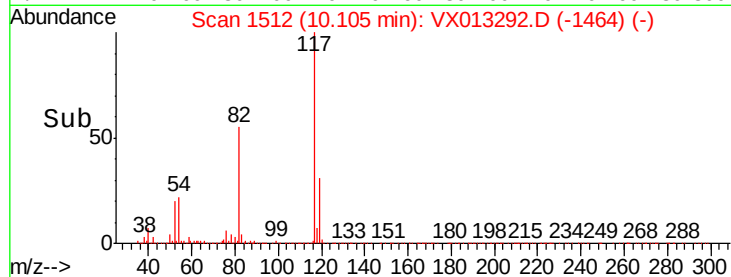
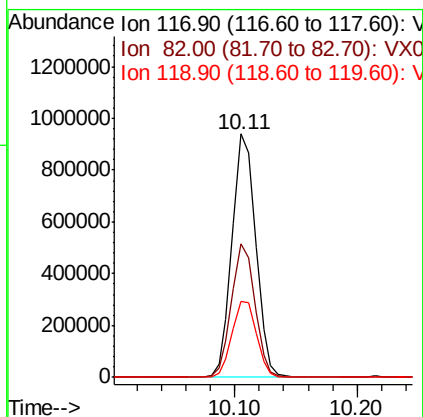
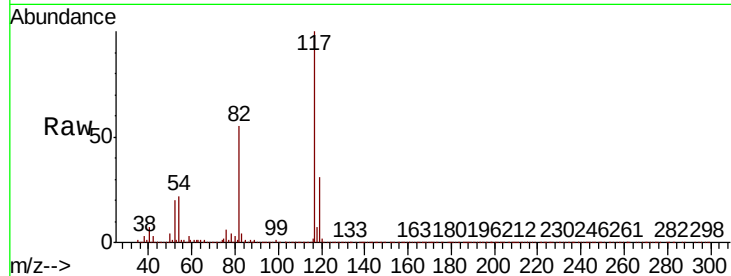




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

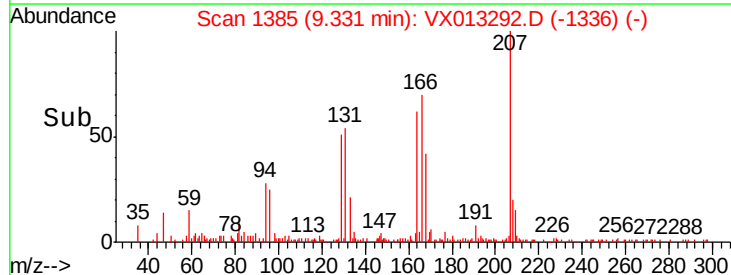
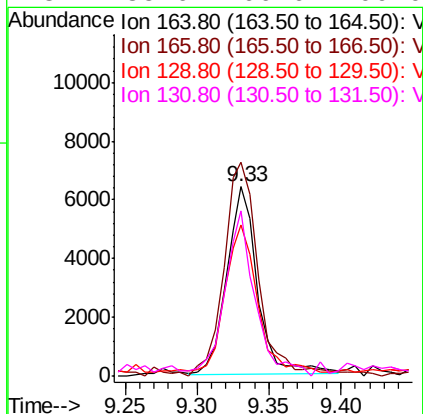
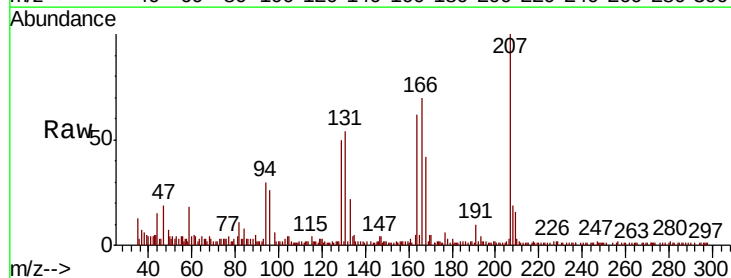
Instrument :
MSVOA_X
ClientSampleId :

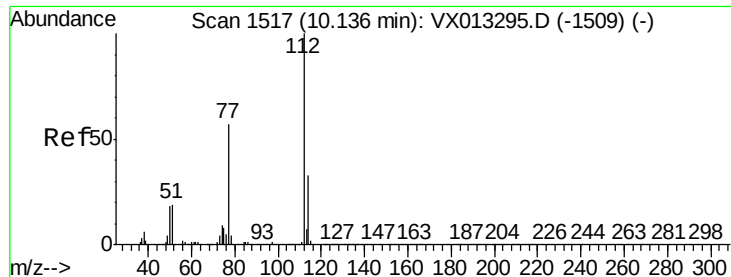
Tot Ion:117 Resp: 1256125
Ion Ratio Lower Upper
117 100
82 54.6 42.6 64.0
119 31.4 24.8 37.2



#64
Tetrachloroethene
Concen: 0.981 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion:164 Resp: 9594
Ion Ratio Lower Upper
164 100
166 114.1 100.4 150.6
129 78.3 69.4 104.2
131 85.6 66.6 100.0

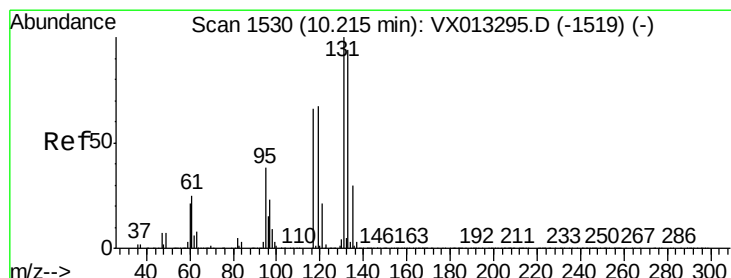
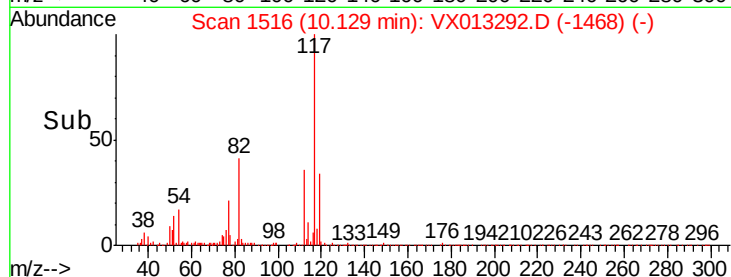
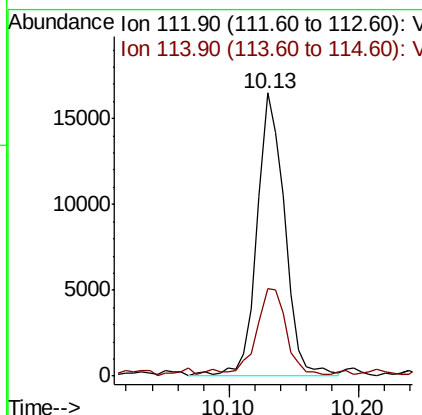
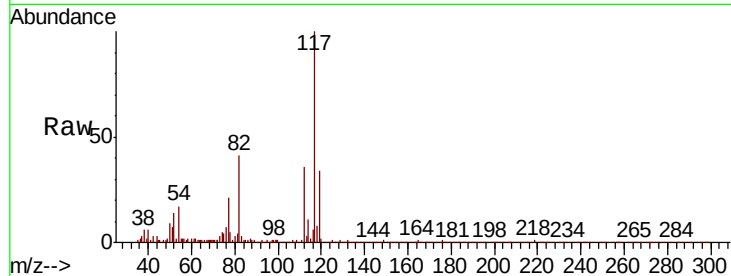




#65
Chlorobenzene
Concen: 0.944 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

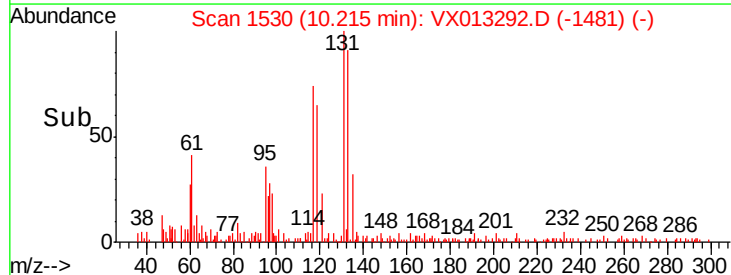
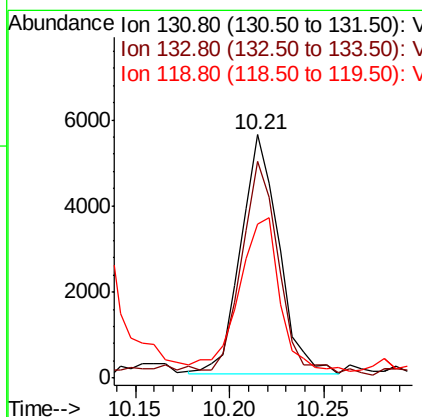
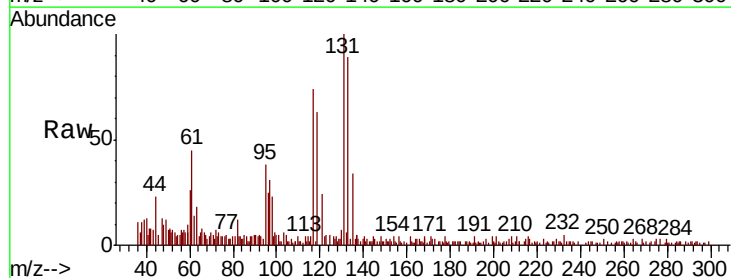
Instrument :
MSVOA_X
ClientSampleId :

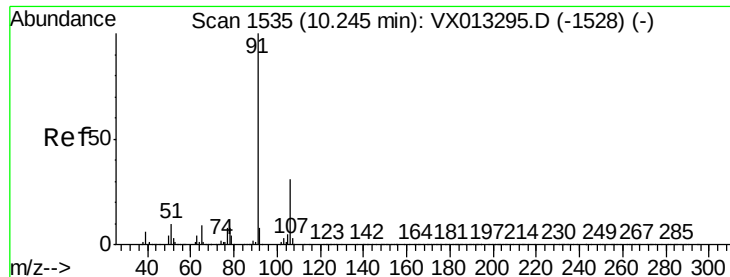
Tot Ion:112 Resp: 24435
Ion Ratio Lower Upper
112 100
114 28.3 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 0.861 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion:131 Resp: 7840
Ion Ratio Lower Upper
131 100
133 88.1 48.0 144.0
119 0.0 33.0 99.0#





#67

Ethyl Benzene

Concen: 0.898 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

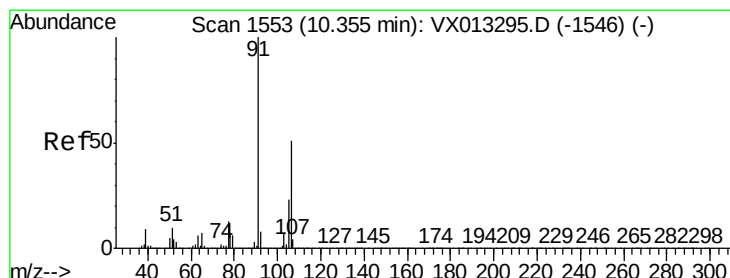
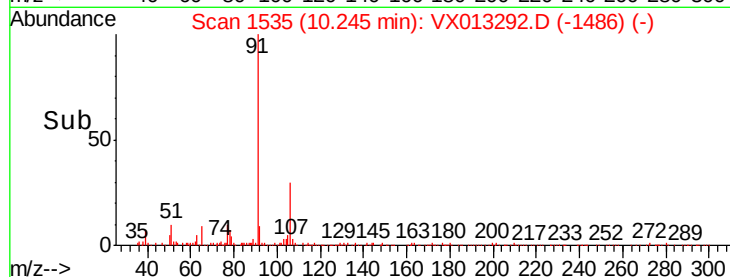
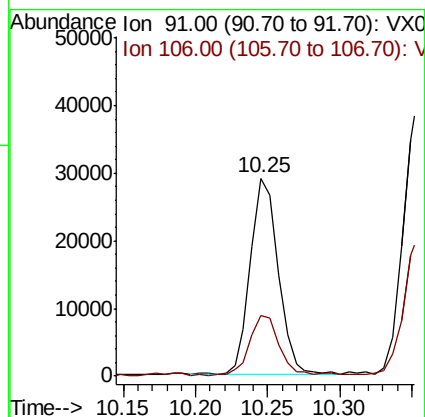
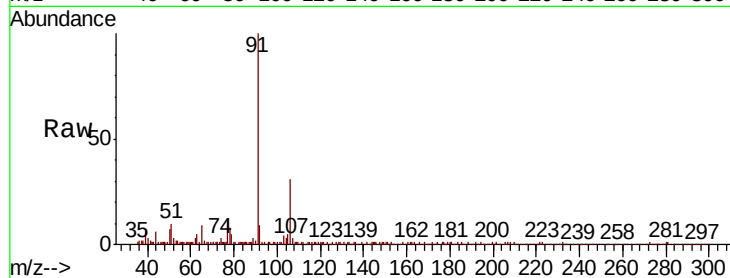
ClientSampleId :

Tot Ion: 91 Resp: 39632

Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8



#68

m/p-Xylenes

Concen: 1.650 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013292.D

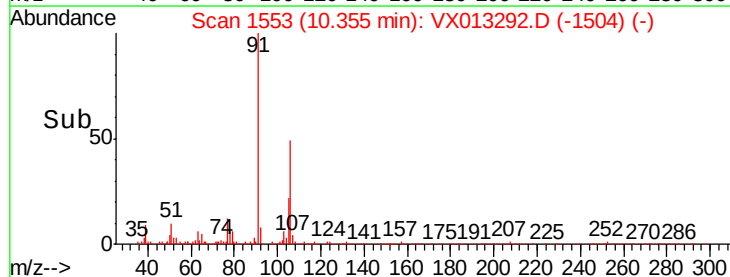
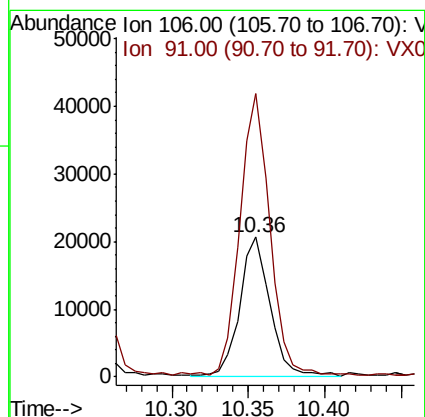
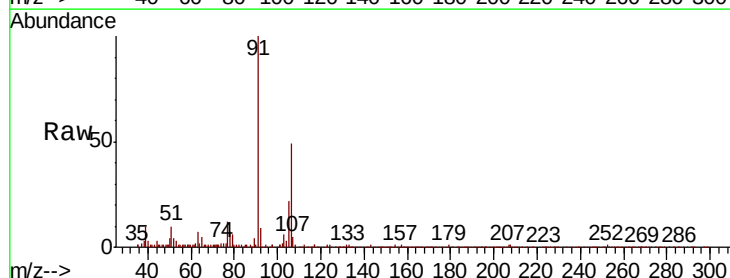
Acq: 31 Oct 2019 16:18

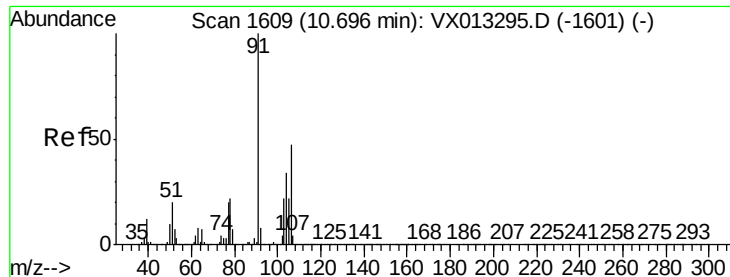
Tgt Ion: 106 Resp: 27920

Ion Ratio Lower Upper

106 100

91 202.4 159.3 238.9

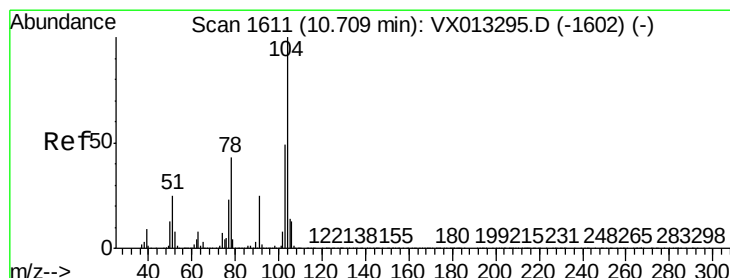
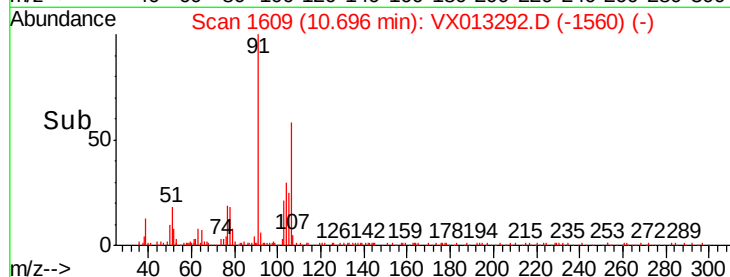
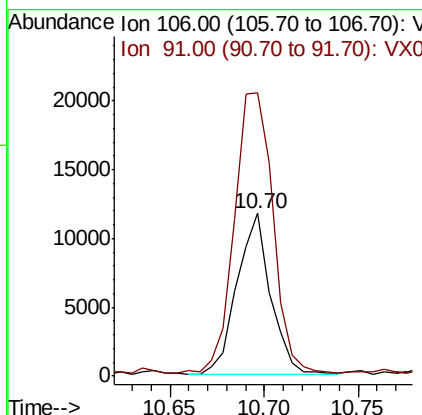
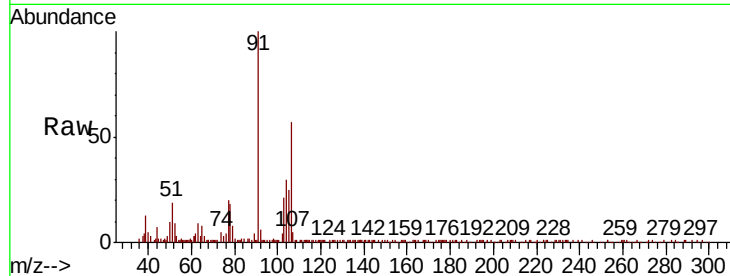




#69
o-Xylene
Concen: 0.880 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

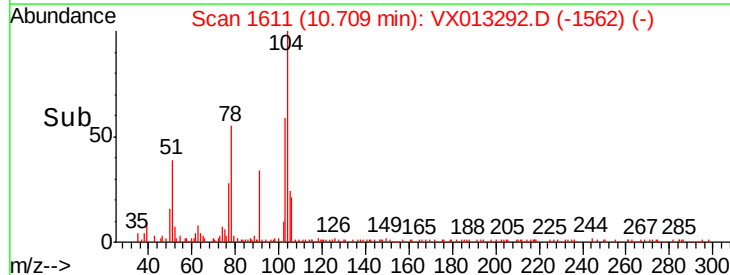
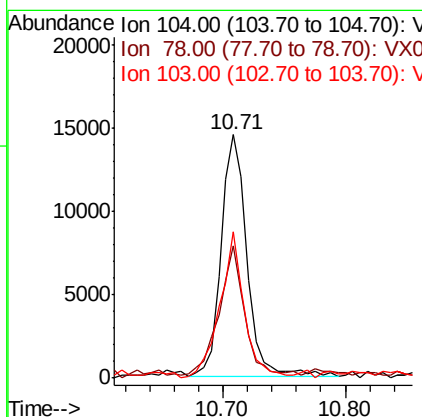
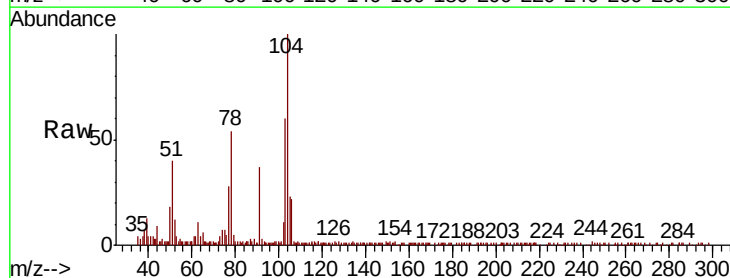
Instrument :
MSVOA_X
ClientSampled :

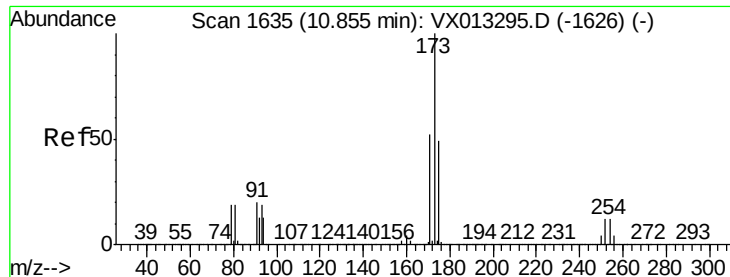
Tot Ion:106 Resp: 14483
Ion Ratio Lower Upper
106 100
91 200.2 105.7 317.0



#70
Styrene
Concen: 0.768 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion:104 Resp: 21102
Ion Ratio Lower Upper
104 100
78 53.0 40.0 60.0
103 56.2 44.1 66.1





#71

Bromoform

Concen: 0.728 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

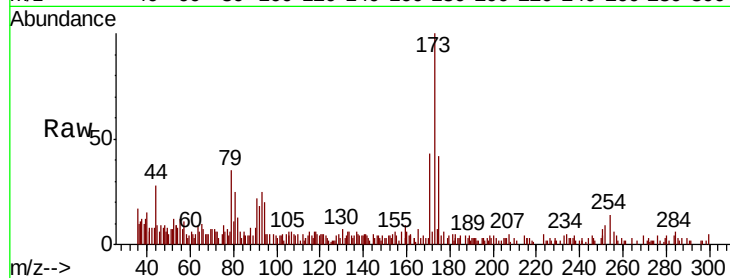
Tot Ion:173 Resp: 5308

Ion Ratio Lower Upper

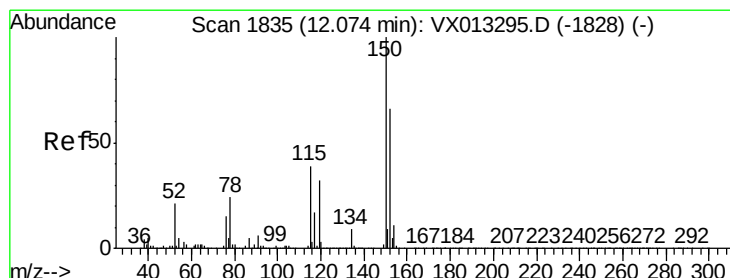
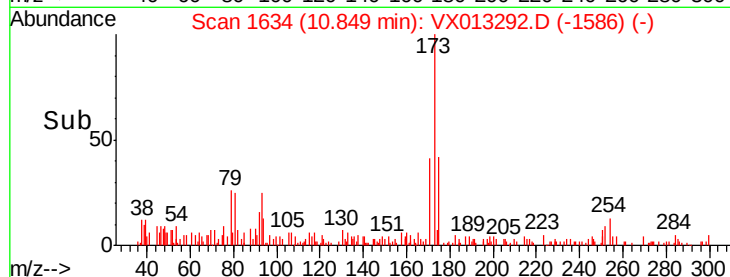
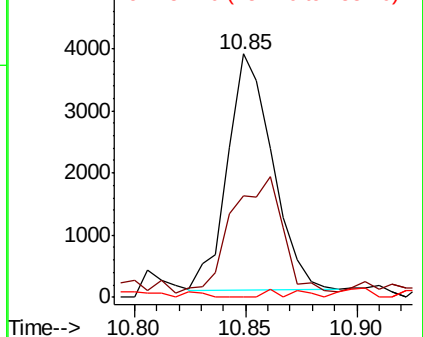
173 100

175 59.0 24.8 74.4

254 0.9 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: VX013292.D

Acq: 31 Oct 2019 16:18

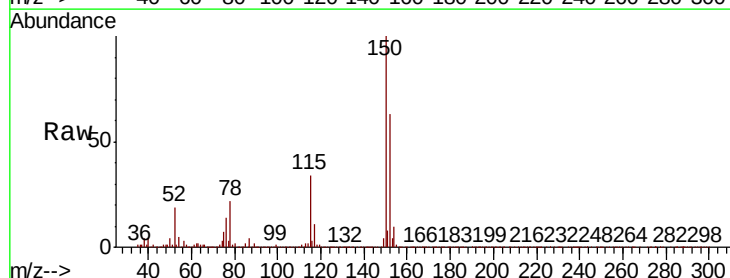
Tgt Ion:152 Resp: 602990

Ion Ratio Lower Upper

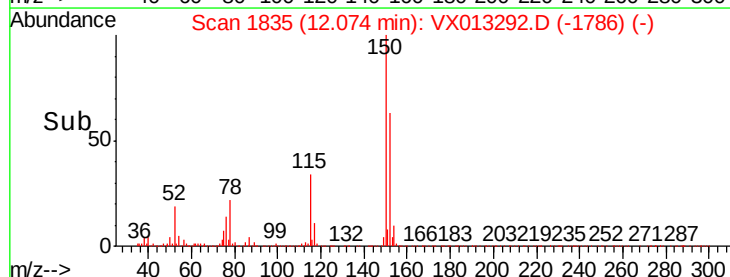
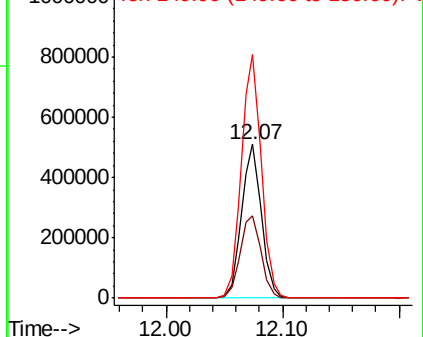
152 100

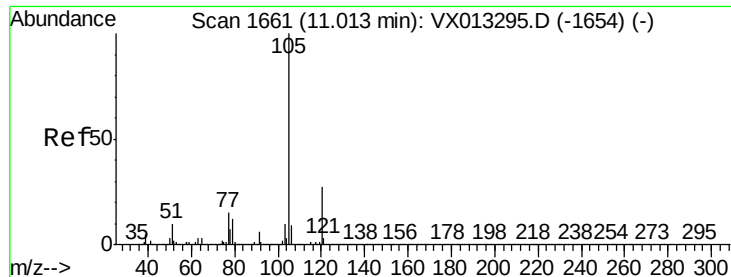
115 57.0 39.5 118.3

150 159.8 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: 0.879 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

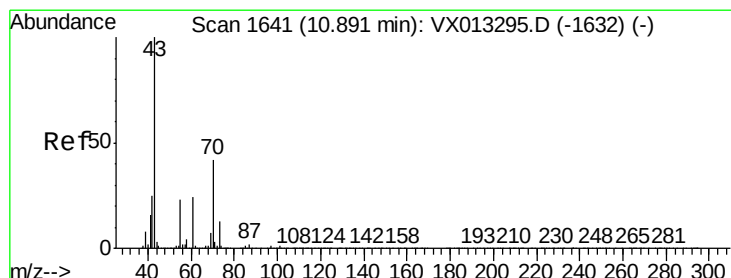
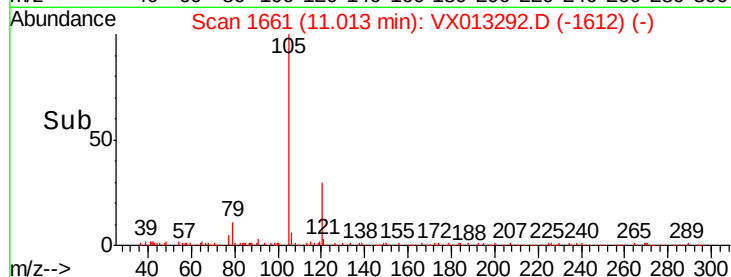
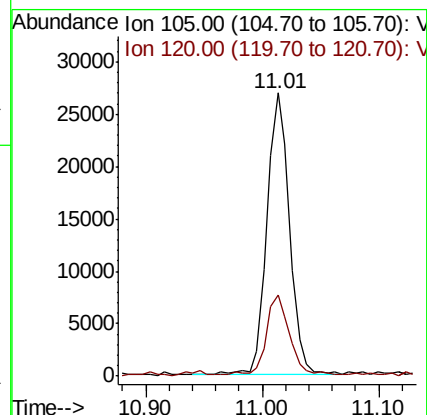
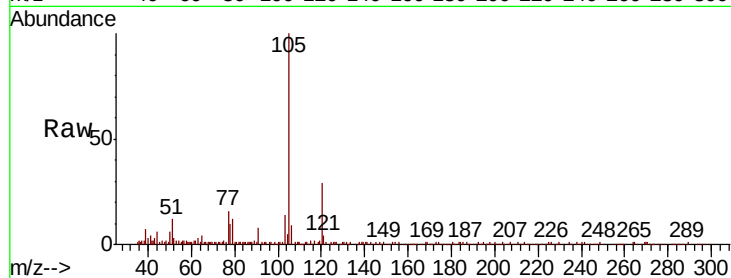
ClientSampleId :

Tot Ion:105 Resp: 36084

Ion Ratio Lower Upper

105 100

120 29.9 13.5 40.5



#74

N-ethyl acetate

Concen: 0.844 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Tgt Ion: 43 Resp: 13757

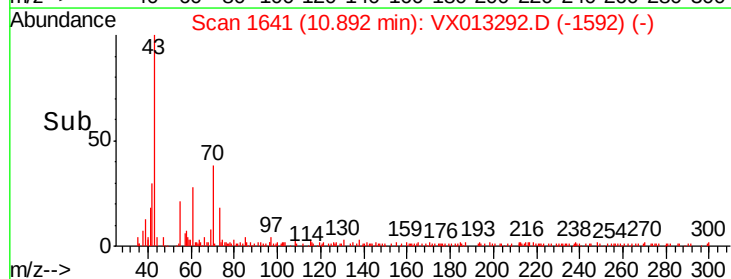
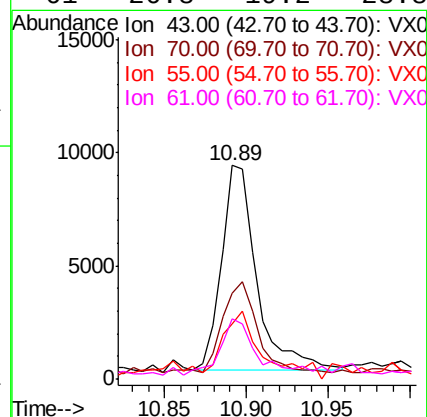
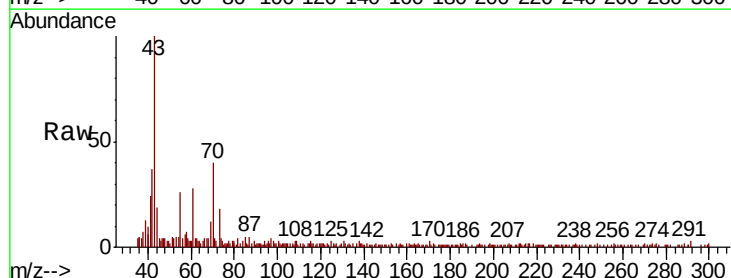
Ion Ratio Lower Upper

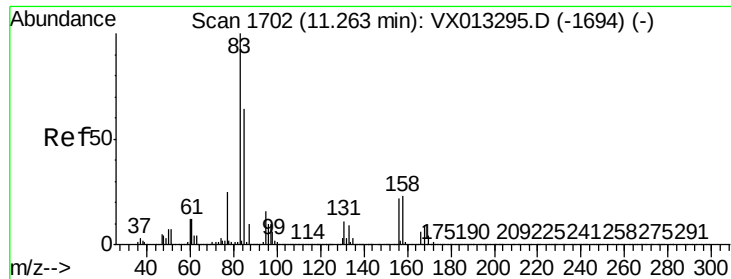
43 100

70 45.0 34.1 51.1

55 36.7 18.9 28.3#

61 26.8 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 0.980 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

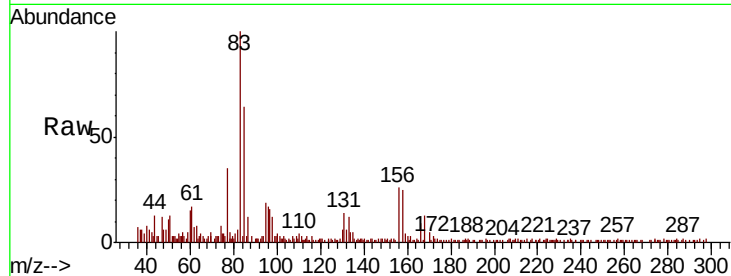
Tot Ion: 83 Resp: 13349

Ion Ratio Lower Upper

83 100

131 16.5 5.1 15.3#

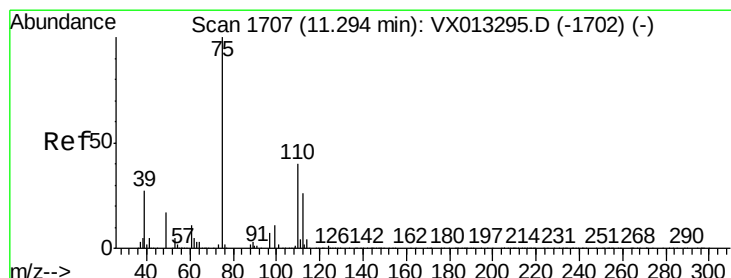
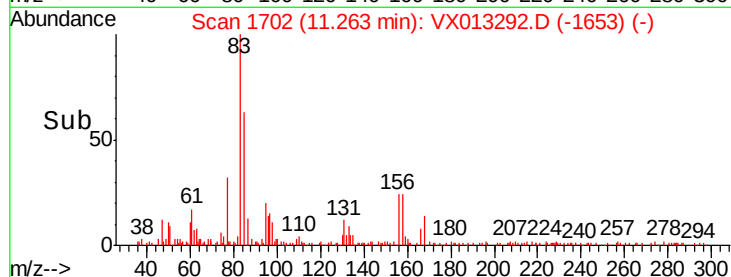
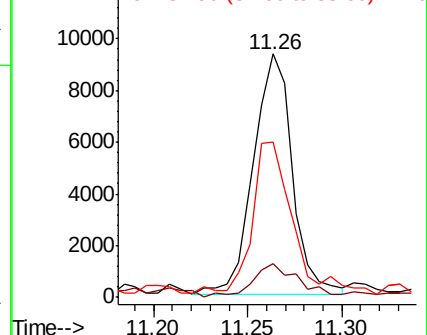
85 65.7 32.3 96.8



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: 1.199 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013292.D

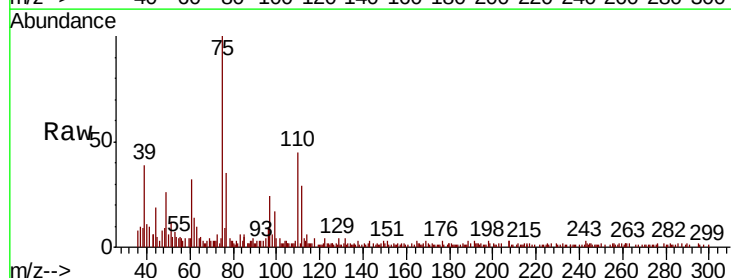
Acq: 31 Oct 2019 16:18

Tgt Ion: 75 Resp: 13250

Ion Ratio Lower Upper

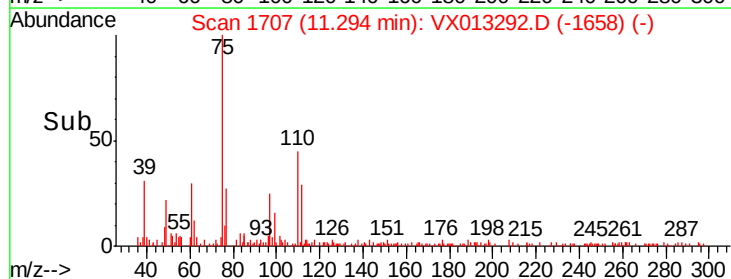
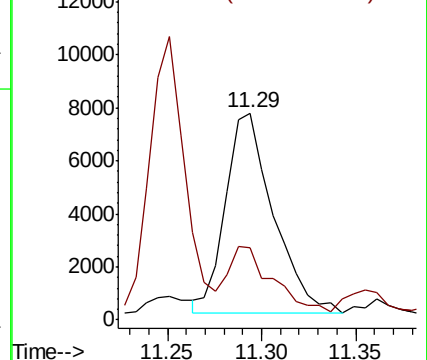
75 100

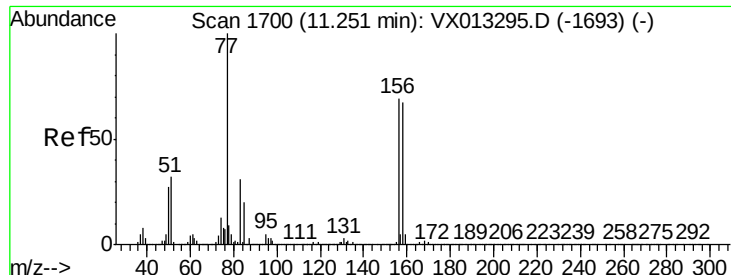
77 29.2 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.908 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

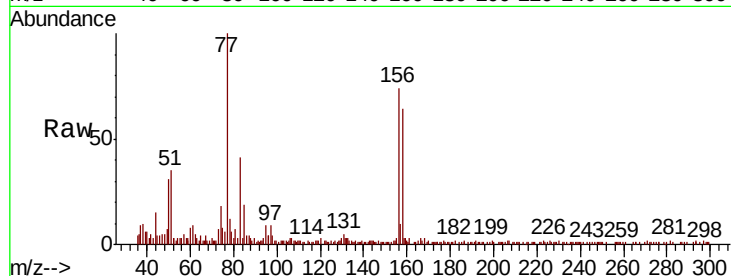
Tot Ion:156 Resp: 10213

Ion Ratio Lower Upper

156 100

77 136.5 75.8 227.4

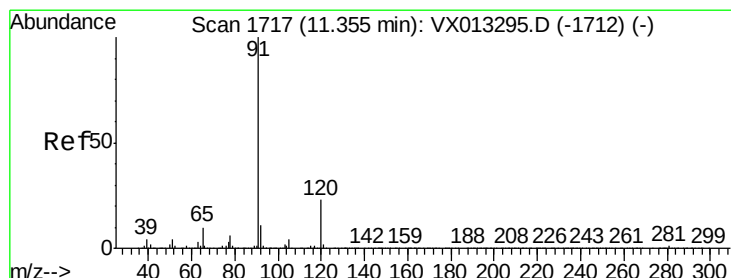
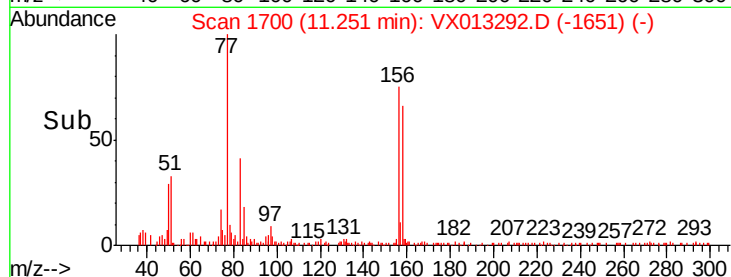
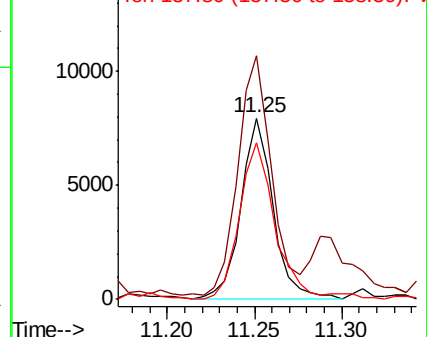
158 93.8 47.6 142.8



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: 0.833 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013292.D

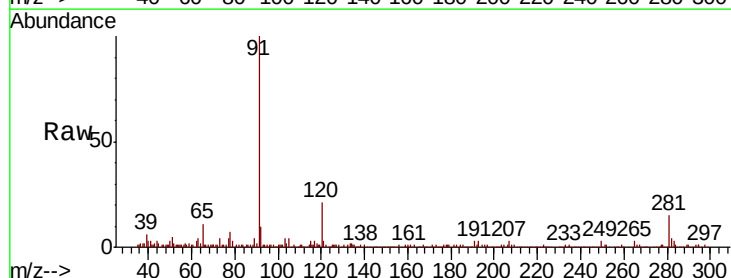
Acq: 31 Oct 2019 16:18

Tgt Ion: 91 Resp: 37842

Ion Ratio Lower Upper

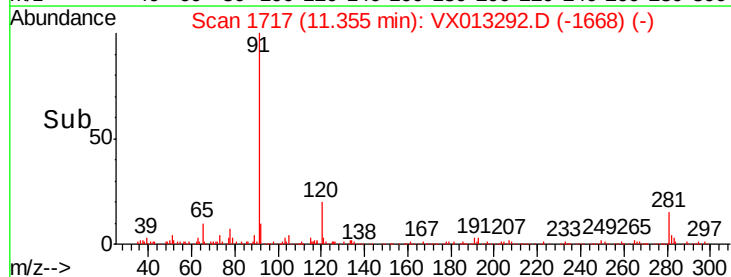
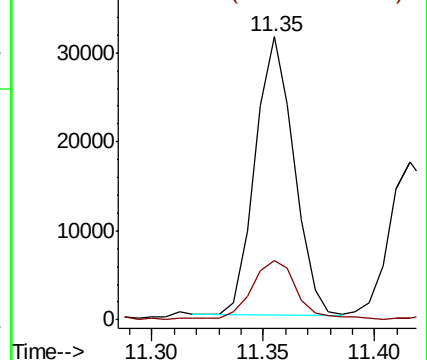
91 100

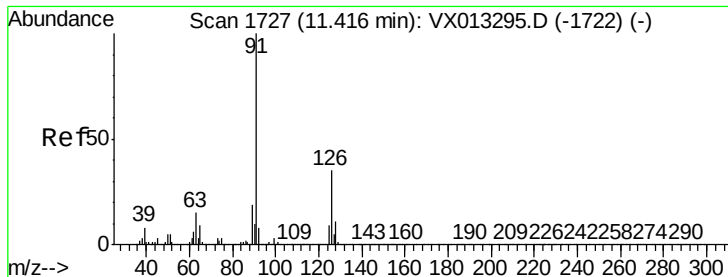
120 24.3 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.897 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

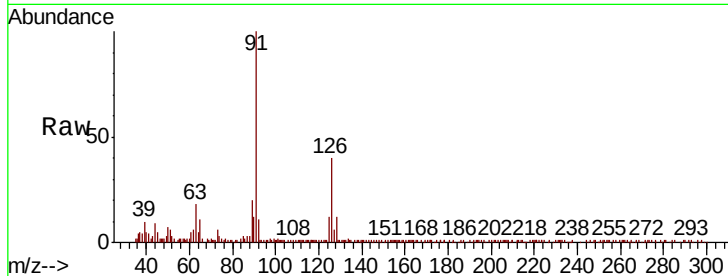
ClientSampleId :

Tot Ion: 91 Resp: 24451

Ion Ratio Lower Upper

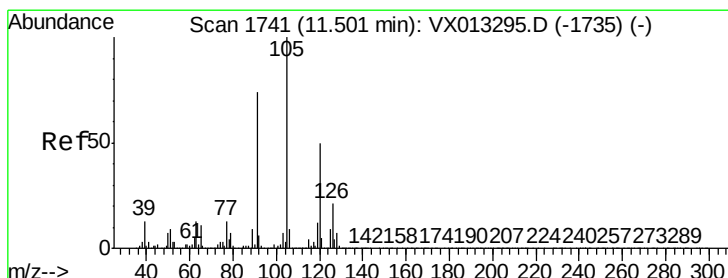
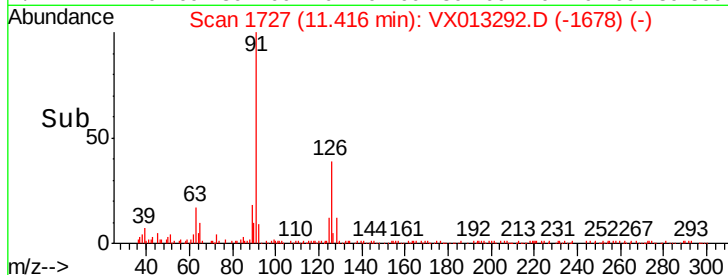
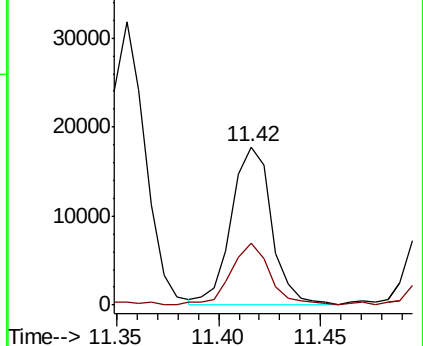
91 100

126 38.4 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX013292.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX013292.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.839 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013292.D

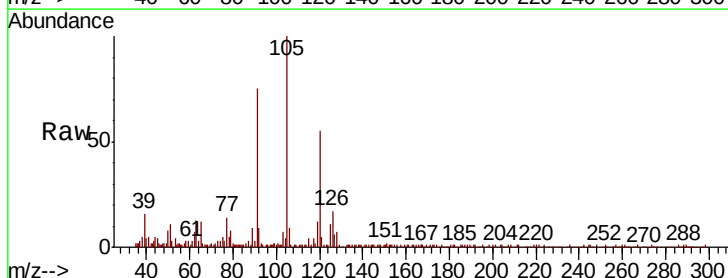
Acq: 31 Oct 2019 16:18

Tgt Ion: 105 Resp: 28695

Ion Ratio Lower Upper

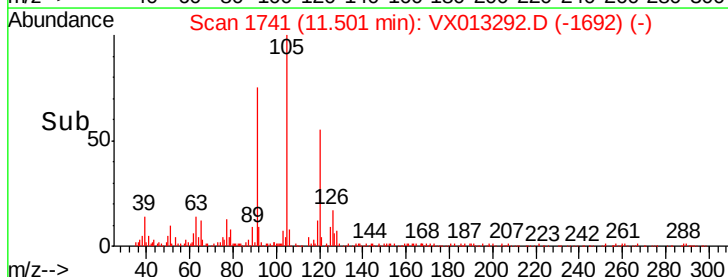
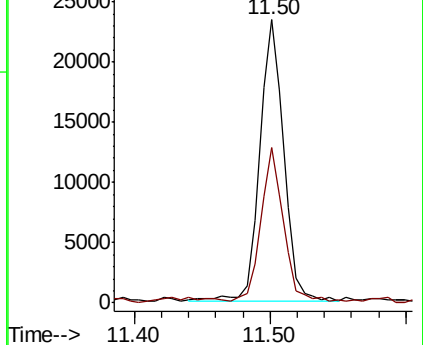
105 100

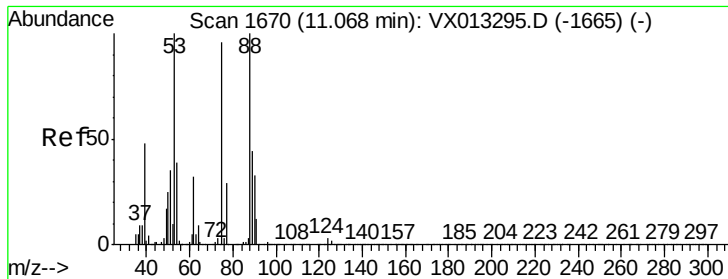
120 51.9 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VX013292.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX013292.D (-1692) (-)

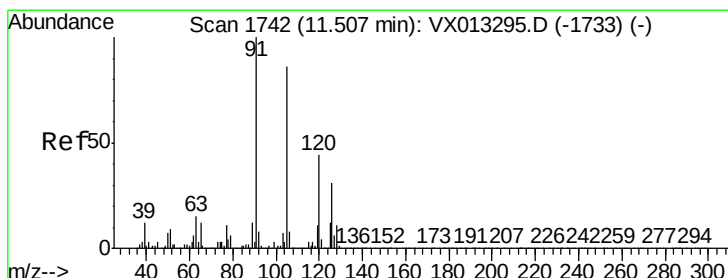
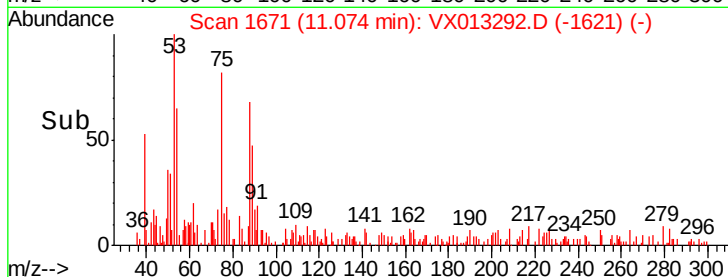
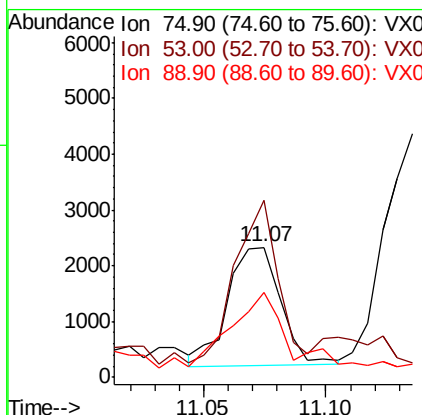
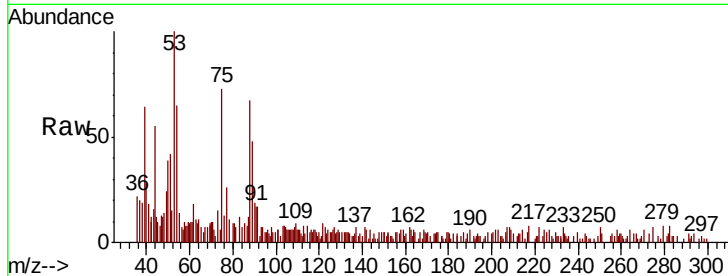




#81
trans-1,4-Dichloro-2-butene
Concen: 0.770 ug/l
RT: 11.07 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

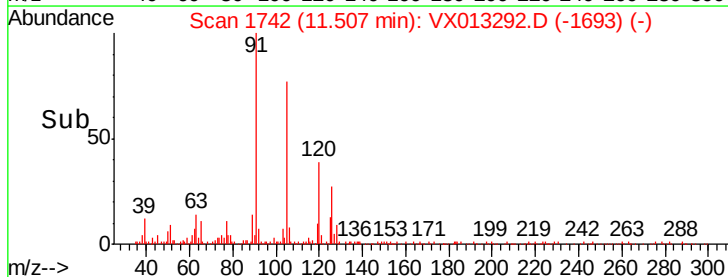
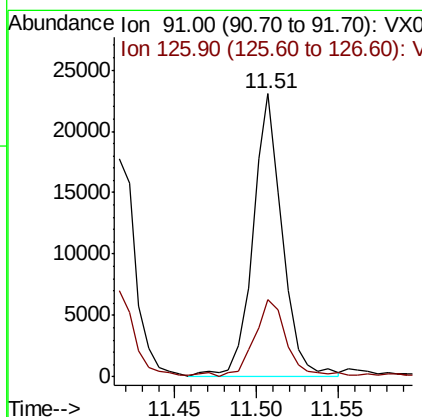
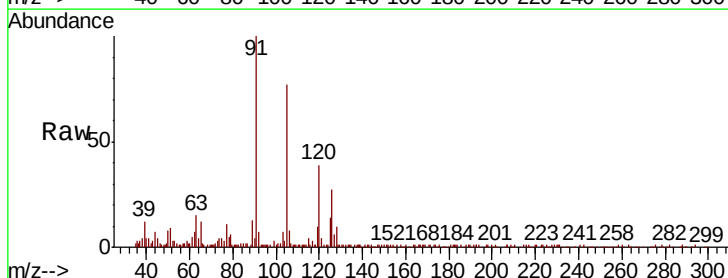
Instrument :
MSVOA_X
ClientSampleId :

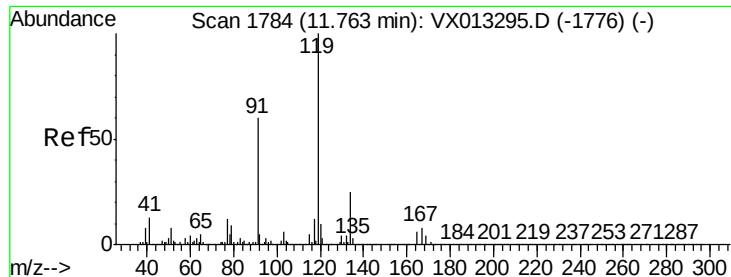
Tot Ion: 75 Resp: 3202
Ion Ratio Lower Upper
75 100
53 114.9 81.0 121.6
89 65.4 36.0 54.0#



#82
4-Chlorotoluene
Concen: 0.911 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion: 91 Resp: 28891
Ion Ratio Lower Upper
91 100
126 30.4 15.3 45.8





#83

tert-Butylbenzene

Concen: 0.800 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

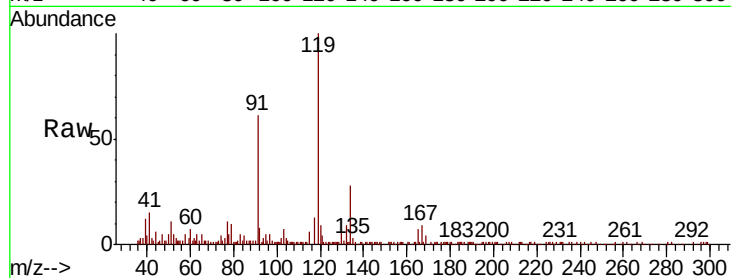
Tot Ion:119 Resp: 27083

Ion Ratio Lower Upper

119 100

91 61.4 26.9 80.7

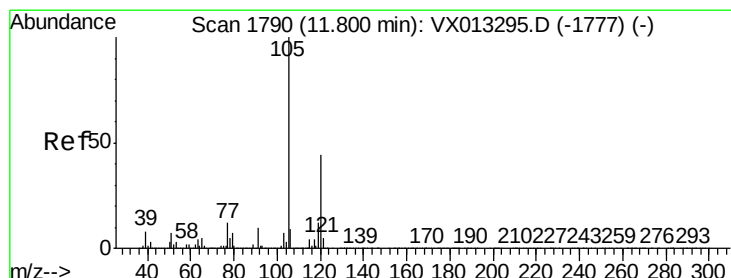
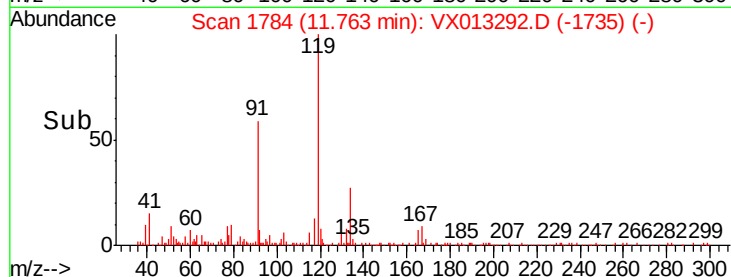
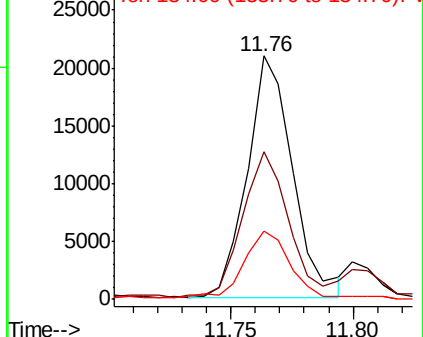
134 30.5 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.816 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX013292.D

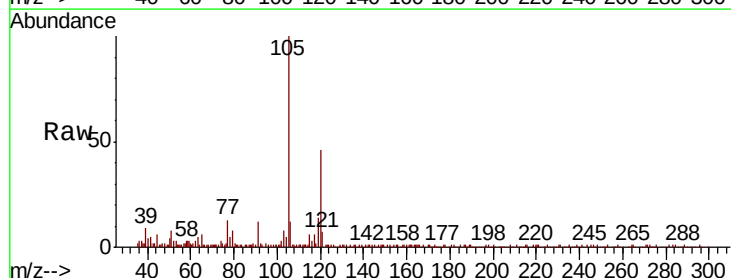
Acq: 31 Oct 2019 16:18

Tgt Ion:105 Resp: 28167

Ion Ratio Lower Upper

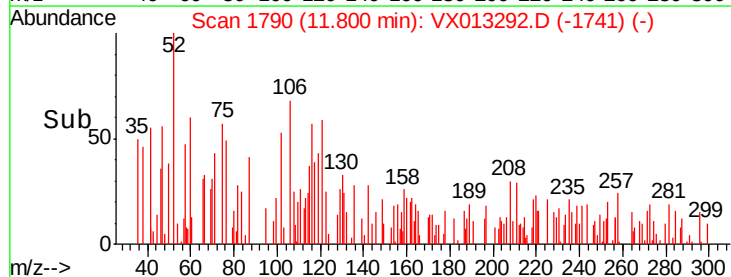
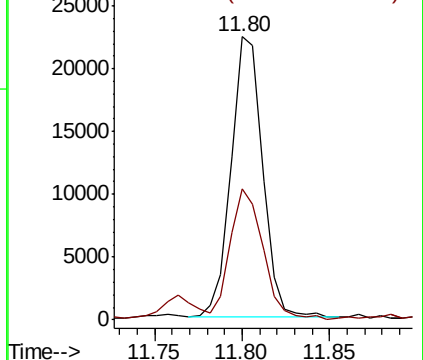
105 100

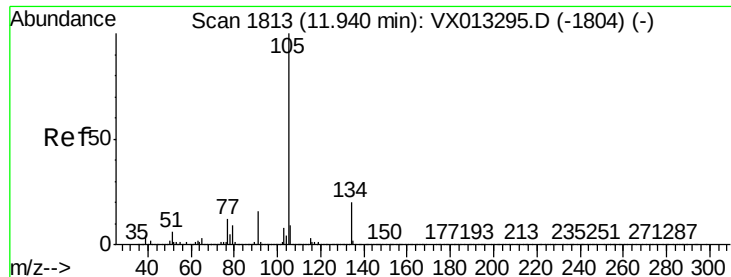
120 48.9 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.865 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

Instrument :

MSVOA_X

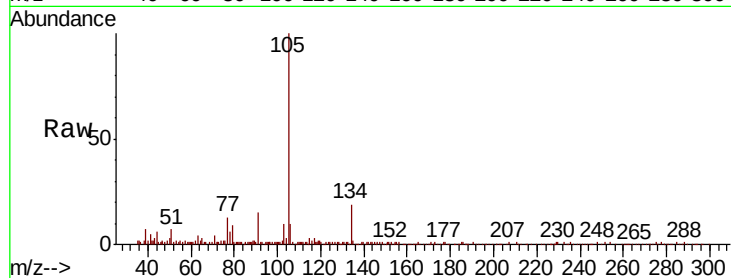
ClientSampleId :

Tot Ion:105 Resp: 34011

Ion Ratio Lower Upper

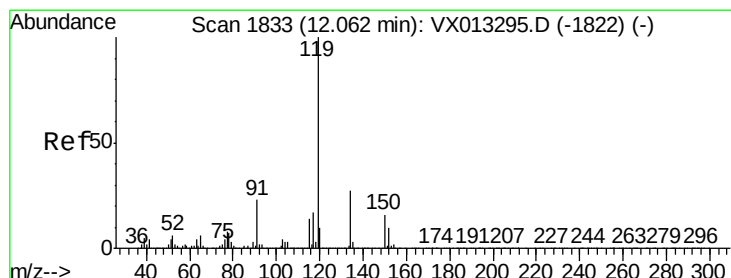
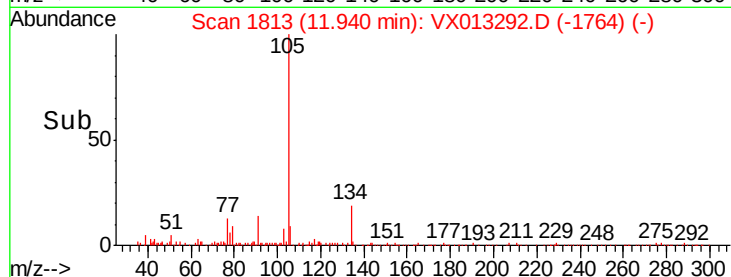
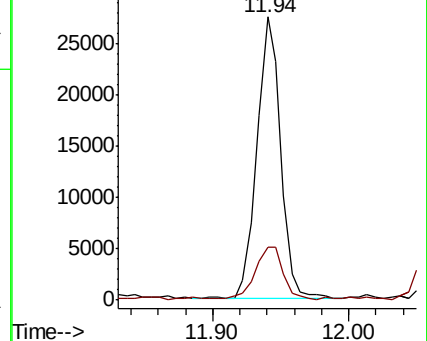
105 100

134 22.8 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: 0.796 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013292.D

Acq: 31 Oct 2019 16:18

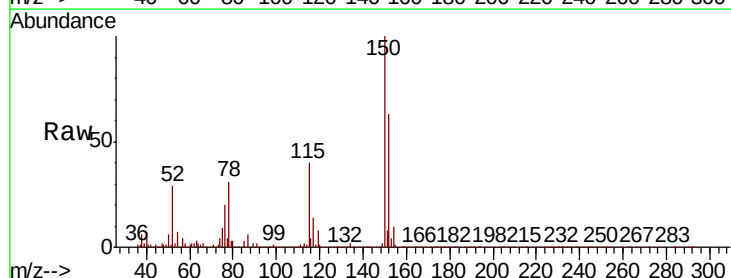
Tgt Ion:119 Resp: 28970

Ion Ratio Lower Upper

119 100

134 31.2 13.3 39.8

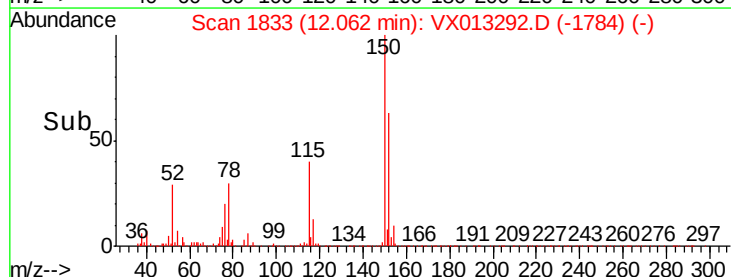
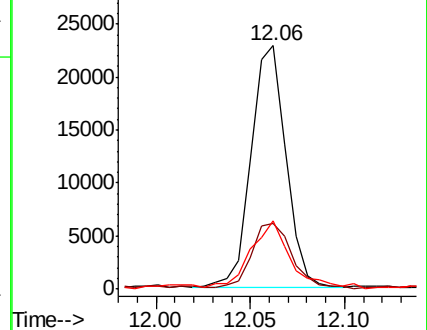
91 31.6 11.5 34.4

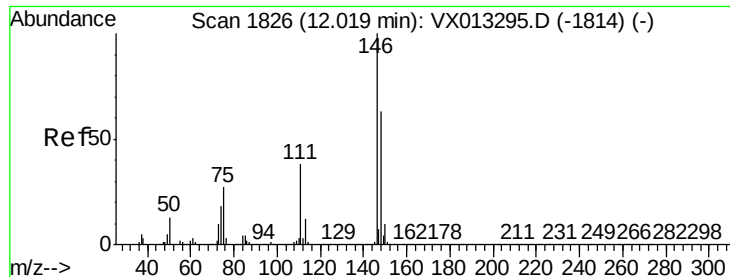


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

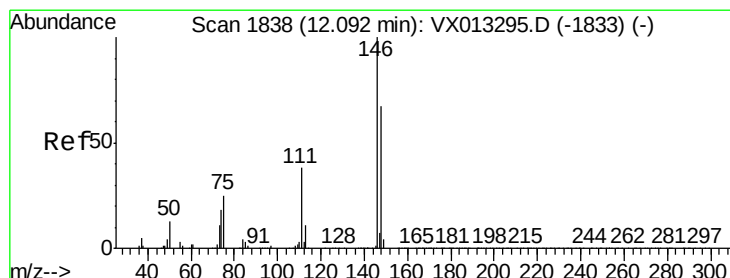
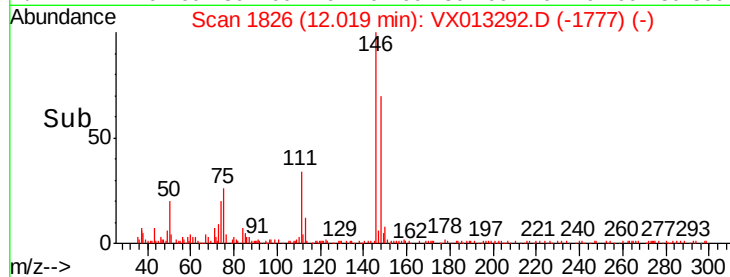
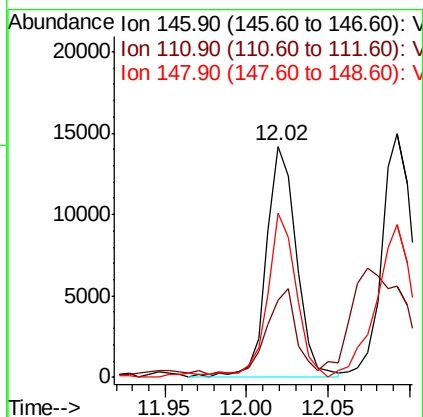
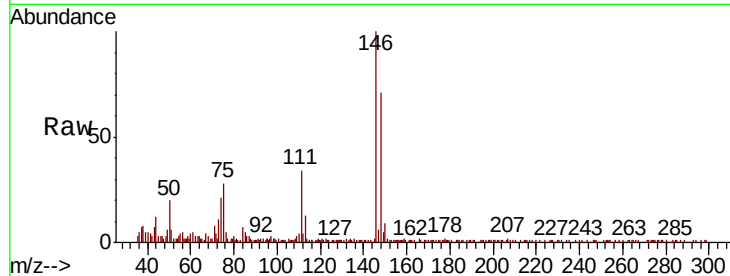




#87
 1,3-Dichlorobenzene
 Concen: 0.909 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

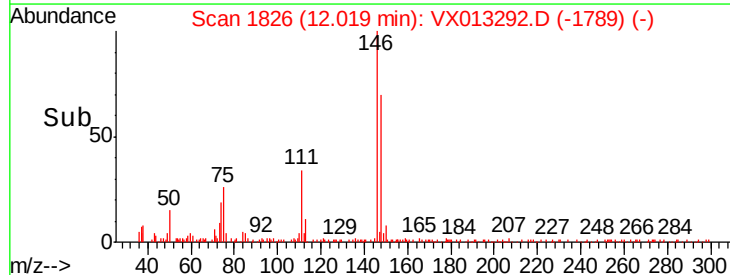
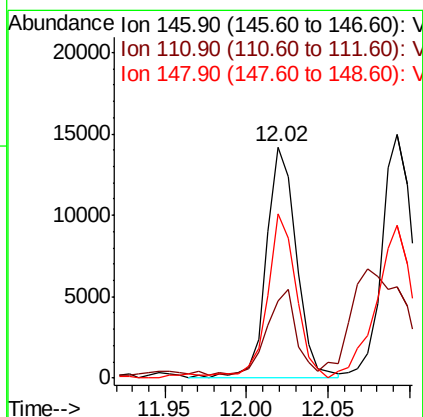
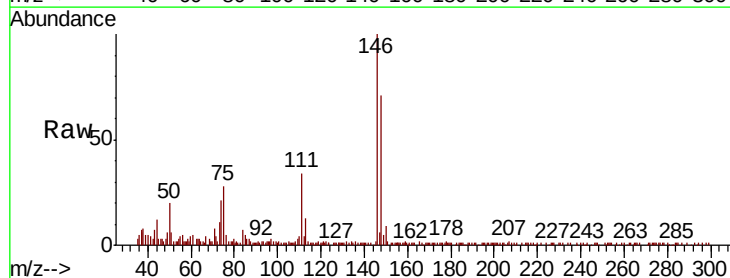
Instrument :
 MSVOA_X
 ClientSampleId :

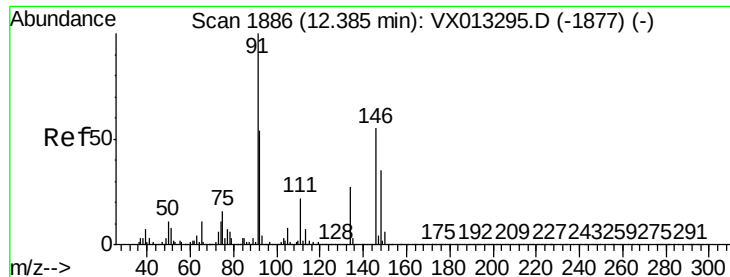
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.5
148	71.0	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 0.889 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.07 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.8	56.4
148	71.0	32.4	97.0

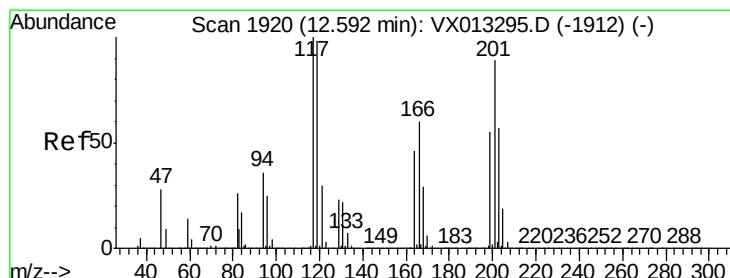
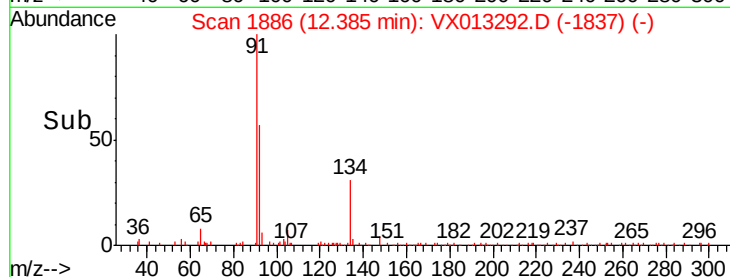
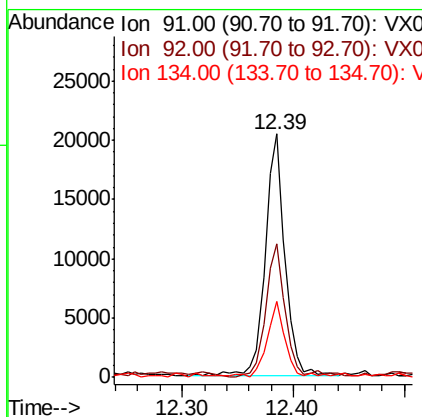
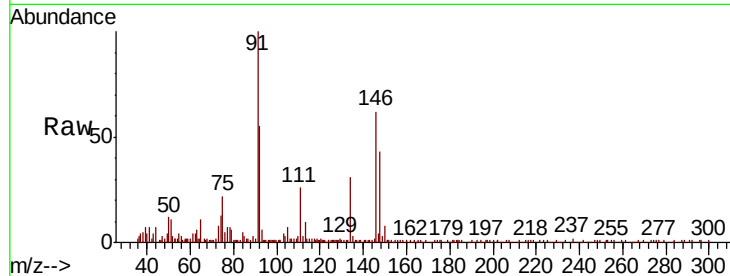




#89
n-Butylbenzene
Concen: 0.809 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

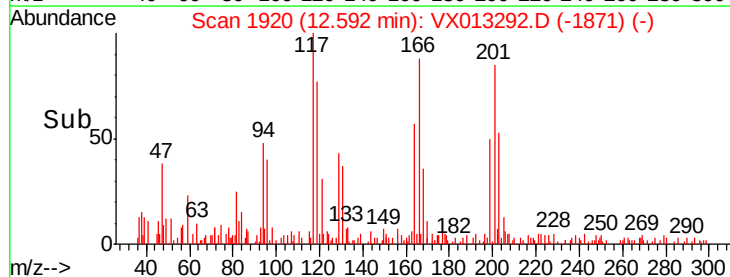
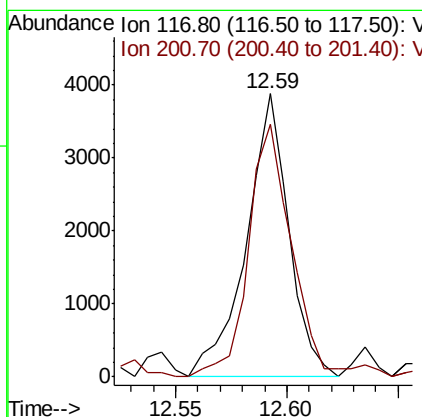
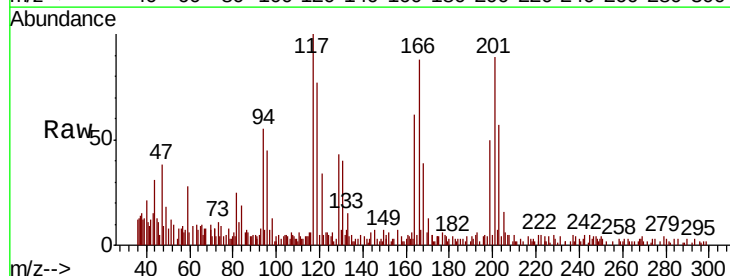
Instrument :
MSVOA_X
ClientSampled :

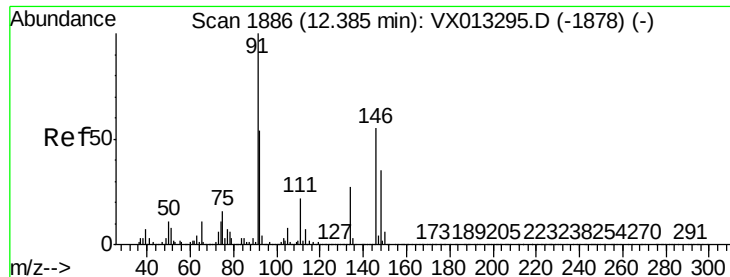
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.3	81.8
134	28.0	13.5	40.5



#90
Hexachloroethane
Concen: 0.881 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.5	43.9	131.7

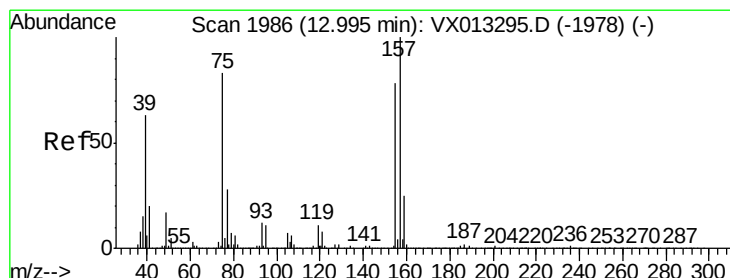
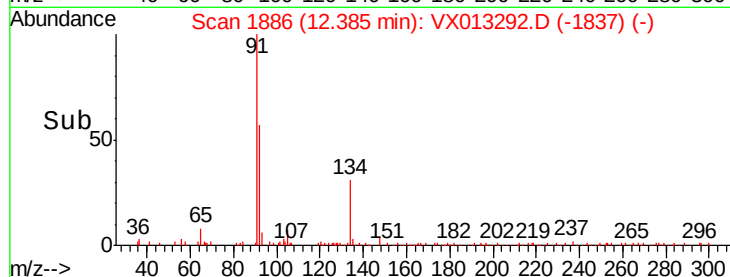
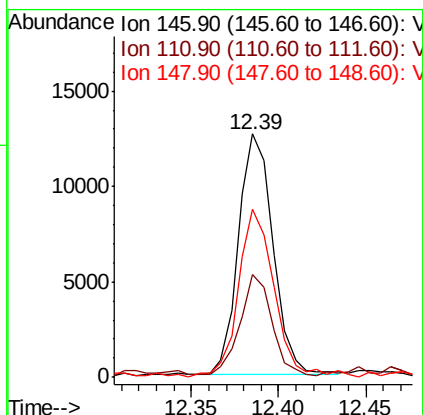
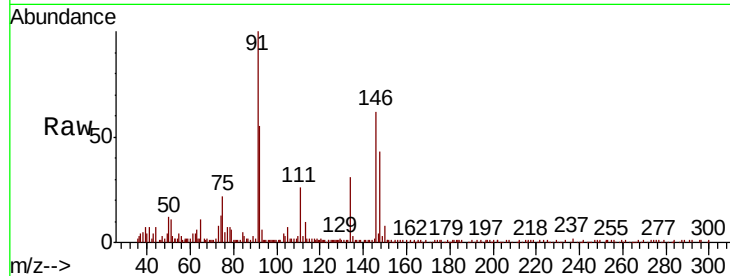




#91
 1,2-Dichlorobenzene
 Concen: 0.889 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

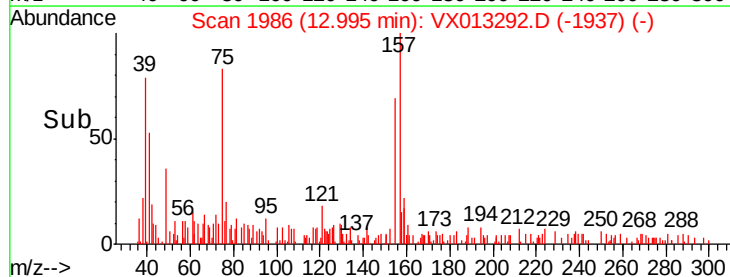
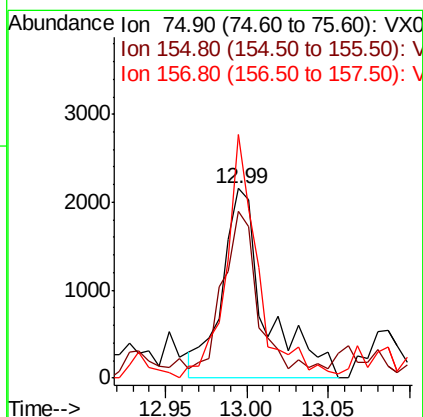
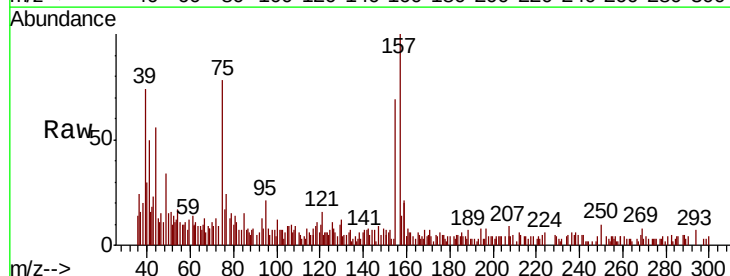
Instrument :
 MSVOA_X
 ClientSampleId :

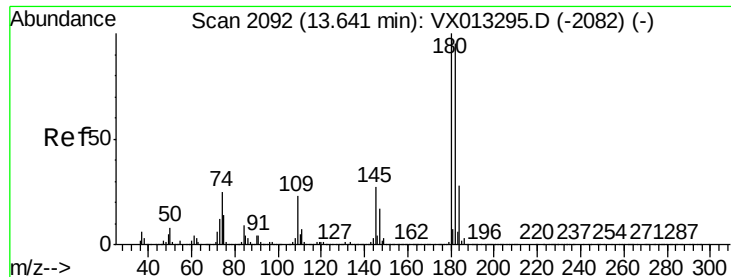
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.1	60.2
148	73.2	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.370 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.5	47.1	141.4
157	94.5	61.3	183.8

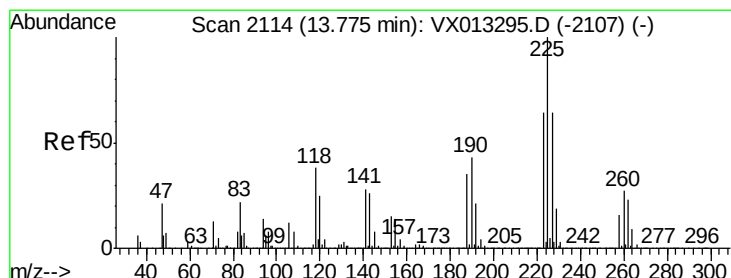
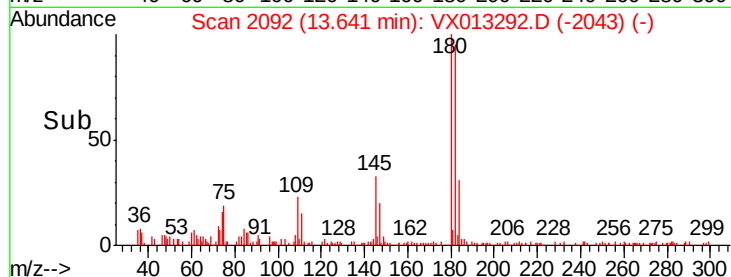
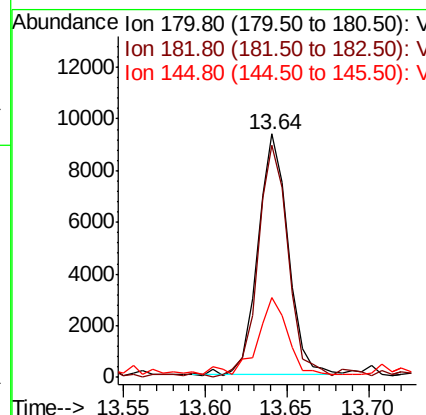
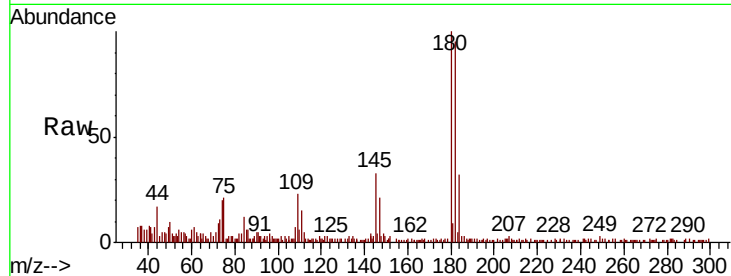




#93
 1,2,4-Trichlorobenzene
 Concen: 0.896 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

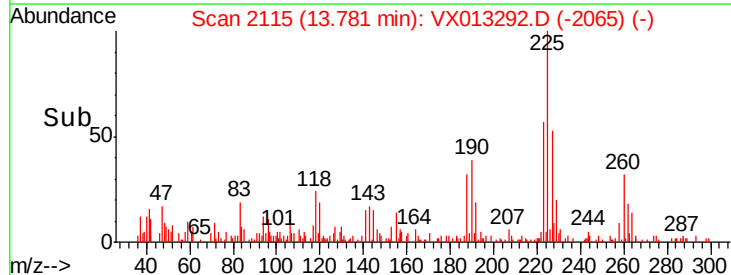
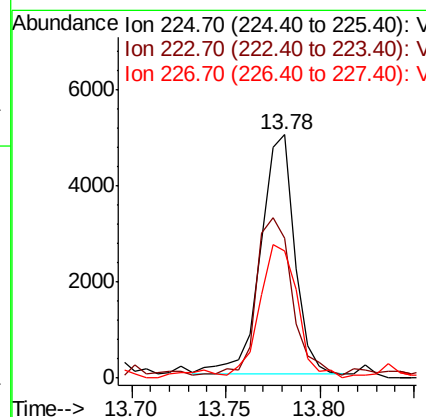
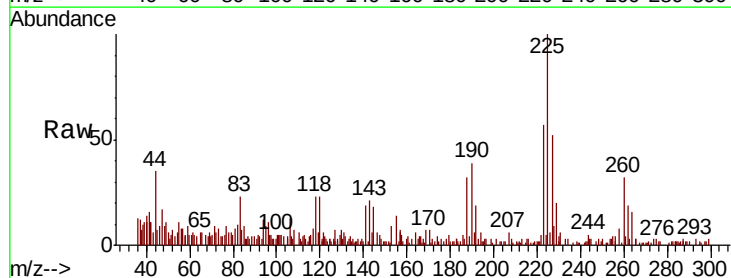
Instrument :
 MSVOA_X
 ClientSampleId :

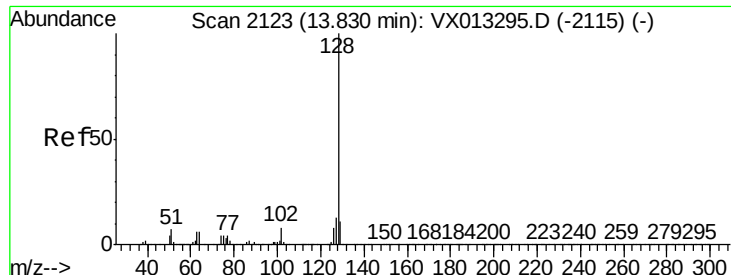
Tot Ion:180 Resp: 11812
 Ion Ratio Lower Upper
 180 100
 182 98.1 48.4 145.0
 145 33.0 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 0.961 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013292.D
 Acq: 31 Oct 2019 16:18

Tgt Ion:225 Resp: 6259
 Ion Ratio Lower Upper
 225 100
 223 69.9 31.9 95.7
 227 62.1 31.9 95.9

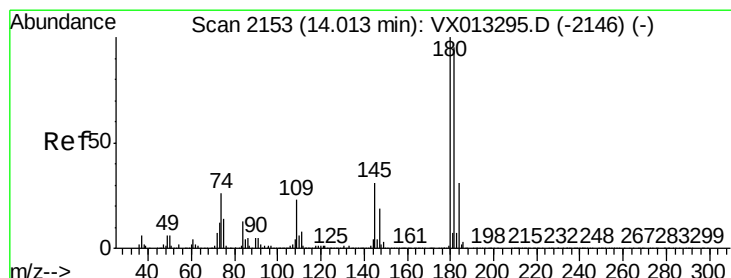
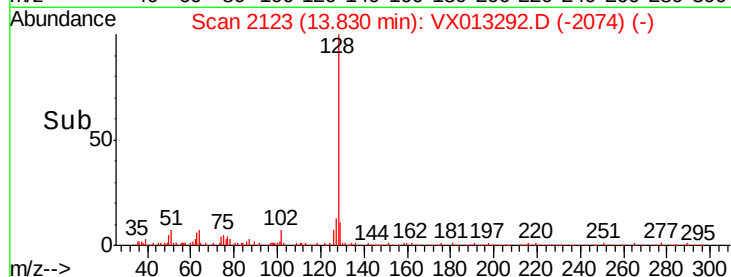
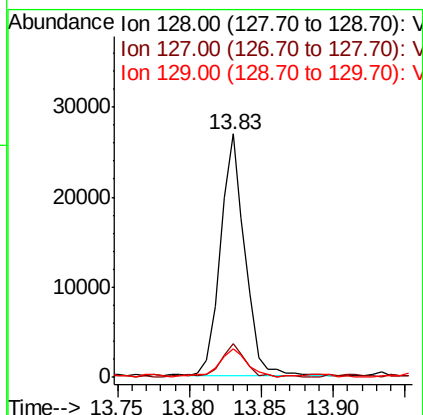
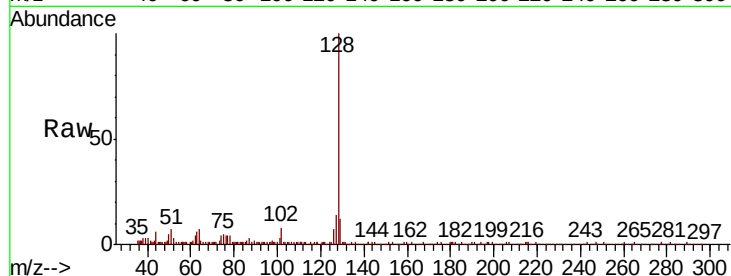




#95
Naphthalene
Concen: 0.811 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.2	15.2
129	13.1	8.5	12.7#



#96
1,2,3-Trichlorobenzene
Concen: 0.851 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013292.D
Acq: 31 Oct 2019 16:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	48.0	144.2
145	32.8	15.4	46.4

