

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110119\
 Data File : VX013304.D
 Acq On : 01 Nov 2019 12:24
 Operator : JC/SP
 Sample : VX1101WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 00:27:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	708399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1077556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	965686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	478722	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	414383	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
35) Dibromofluoromethane	5.49	113	328881	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
50) Toluene-d8	8.71	98	1279754	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.13	95	447606	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	163956	20.087	ug/l	98
3) Chloromethane	1.31	50	180451	20.387	ug/l	98
4) Vinyl Chloride	1.40	62	209986	20.838	ug/l	100
5) Bromomethane	1.62	94	129567	18.451	ug/l	99
6) Chloroethane	1.71	64	113380	18.943	ug/l	100
7) Trichlorofluoromethane	1.92	101	229673	19.292	ug/l	98
8) Diethyl Ether	2.17	74	108119	20.537	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	129249	19.478	ug/l	100
10) Methyl Iodide	2.50	142	154523	18.809	ug/l	100
11) Tert butyl alcohol	3.03	59	194050	87.726	ug/l	100
12) 1,1-Dichloroethene	2.36	96	129285	19.896	ug/l	95
13) Acrolein	2.28	56	113043	94.294	ug/l	96
14) Allyl chloride	2.72	41	234809	19.888	ug/l	99
15) Acrylonitrile	3.12	53	407973	98.737	ug/l	99
16) Acetone	2.43	43	400321	95.633	ug/l	98
17) Carbon Disulfide	2.56	76	340343	19.569	ug/l	99
18) Methyl Acetate	2.76	43	230098	19.910	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	438041	20.211	ug/l	98
20) Methylene Chloride	2.84	84	144608	18.697	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	138515	19.578	ug/l	99
22) Diisopropyl ether	3.84	45	463888	20.351	ug/l	99
23) Vinyl Acetate	3.80	43	1925802	98.735	ug/l	99
24) 1,1-Dichloroethane	3.69	63	252758	19.822	ug/l	98
25) 2-Butanone	4.65	43	598322	97.431	ug/l	99
26) 2,2-Dichloropropane	4.57	77	195538	19.276	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	160999	20.314	ug/l	99
28) Bromochloromethane	5.00	49	73105	20.192	ug/l	99
29) Tetrahydrofuran	5.11	42	374864	99.057	ug/l	100
30) Chloroform	5.20	83	250247	19.875	ug/l	95
31) Cyclohexane	5.57	56	223947	19.518	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	214840	19.827	ug/l	98
36) 1,1-Dichloropropene	5.79	75	185040	20.017	ug/l	99
37) Ethyl Acetate	4.82	43	217772	19.065	ug/l	100
38) Carbon Tetrachloride	5.78	117	181593	20.089	ug/l	99

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 00:27:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	222892	19.351	ug/l	98
40) Benzene	6.13	78	568898	19.757	ug/l	99
41) Methacrylonitrile	5.03	41	123687	19.319	ug/l	99
42) 1,2-Dichloroethane	6.18	62	209708	20.190	ug/l	99
43) Isopropyl Acetate	6.43	43	346114	19.459	ug/l	100
44) Trichloroethene	7.20	130	154809	19.531	ug/l	98
45) 1,2-Dichloropropane	7.51	63	145897	19.886	ug/l	97
46) Dibromomethane	7.65	93	99219	19.806	ug/l	100
47) Bromodichloromethane	7.89	83	188382	19.942	ug/l	93
48) Methyl methacrylate	7.76	41	178646	20.120	ug/l	99
49) 1,4-Dioxane	7.73	88	75106	369.369	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1141820	97.844	ug/l	100
52) Toluene	8.78	92	357446	20.028	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	202763	19.630	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	227323	19.674	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	147454	19.933	ug/l	98
56) Ethyl methacrylate	9.17	69	225369	18.851	ug/l	99
57) 1,3-Dichloropropane	9.37	76	252990	20.147	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	512960	101.416	ug/l	100
59) 2-Hexanone	9.48	43	893359	99.062	ug/l	99
60) Dibromochloromethane	9.57	129	150661	19.914	ug/l	97
61) 1,2-Dibromoethane	9.67	107	155874	19.844	ug/l	99
64) Tetrachloroethene	9.33	164	140954	20.390	ug/l	99
65) Chlorobenzene	10.14	112	387698	19.830	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	142737	19.884	ug/l	98
67) Ethyl Benzene	10.25	91	676297	20.043	ug/l	97
68) m/p-Xylenes	10.36	106	514706	40.334	ug/l	99
69) o-Xylene	10.70	106	251664	20.144	ug/l	99
70) Styrene	10.71	104	425179	20.359	ug/l	100
71) Bromoform	10.85	173	111991	18.951	ug/l #	98
73) Isopropylbenzene	11.01	105	670455	21.123	ug/l	100
74) N-amyl acetate	10.89	43	309038	20.996	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	234493	20.251	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	260028	26.742	ug/l	82
77) Bromobenzene	11.25	156	177300	20.954	ug/l	96
78) n-propylbenzene	11.35	91	745970	21.099	ug/l	99
79) 2-Chlorotoluene	11.42	91	444813	20.881	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	556423	21.047	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	69173	18.311	ug/l	93
82) 4-Chlorotoluene	11.51	91	512108	20.537	ug/l	99
83) tert-Butylbenzene	11.76	119	563612	21.178	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	563608	21.251	ug/l	99
85) sec-Butylbenzene	11.94	105	642198	20.996	ug/l	99
86) p-Isopropyltoluene	12.06	119	593753	21.081	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	300286	19.909	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	306993	19.977	ug/l	99
89) n-Butylbenzene	12.39	91	502084	20.430	ug/l	99
90) Hexachloroethane	12.59	117	99833	19.894	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	311092	20.634	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	52354	18.558	ug/l	98

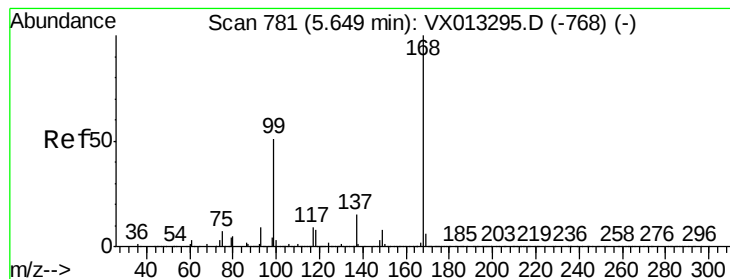
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110119\
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ClientSampleId :

Quant Time: Nov 04 00:27:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	205132	19.506	ug/l	99
94) Hexachlorobutadiene	13.78	225	102992	20.017	ug/l	99
95) Naphthalene	13.83	128	674191	20.433	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	208251	19.745	ug/l	100

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

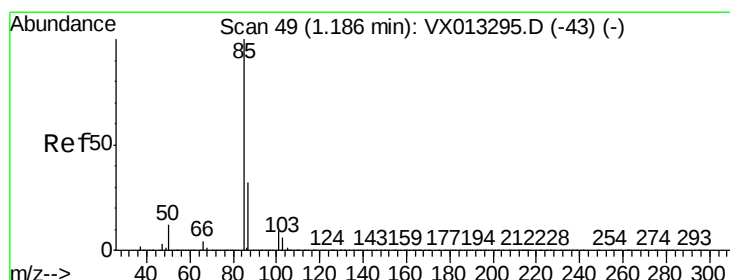
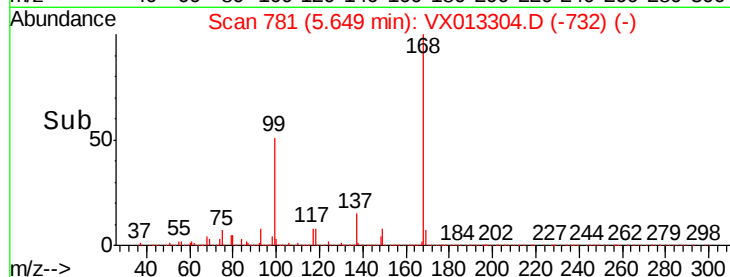
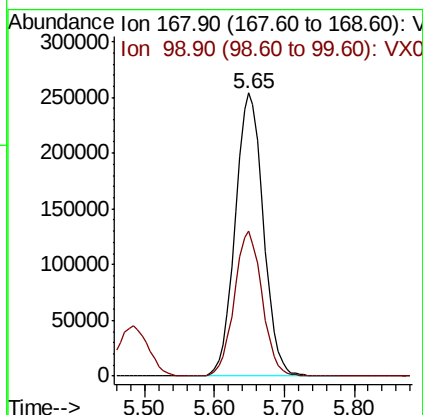
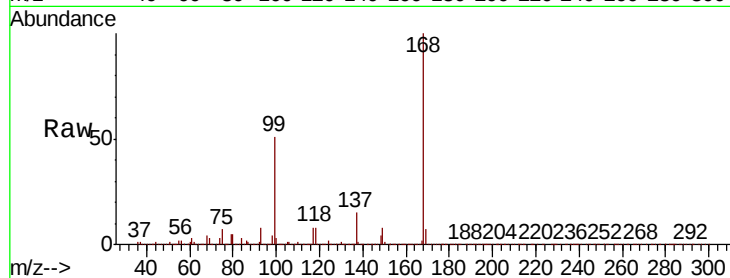


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :

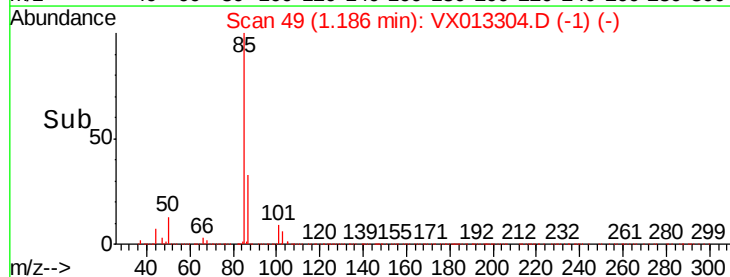
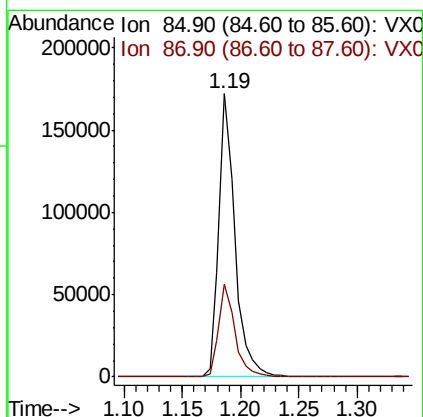
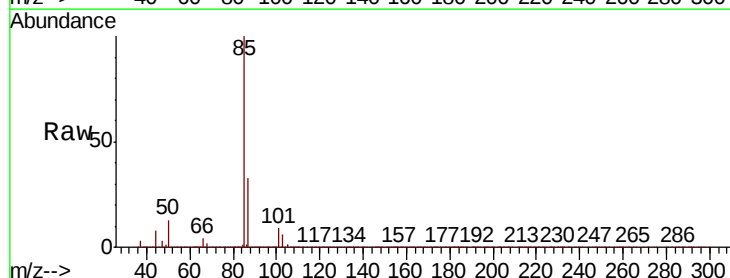
Tot Ion	Ratio	Lower	Upper
168	100		
99	50.9	40.8	61.2



#2

Dichlorodifluoromethane
 Concen: 20.087 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.6	15.9	47.6





#3

Chloromethane

Concen: 20.387 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

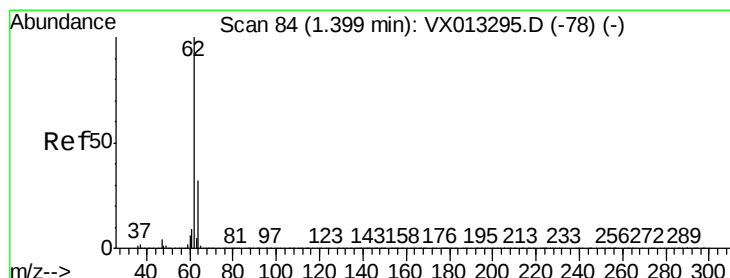
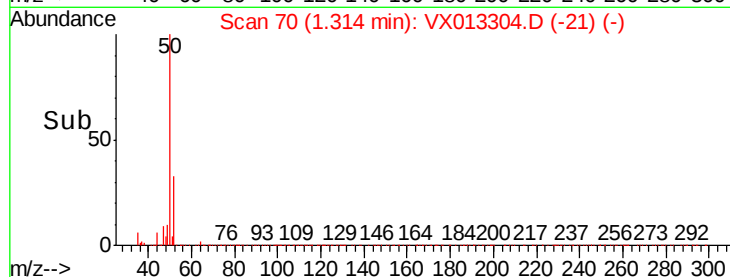
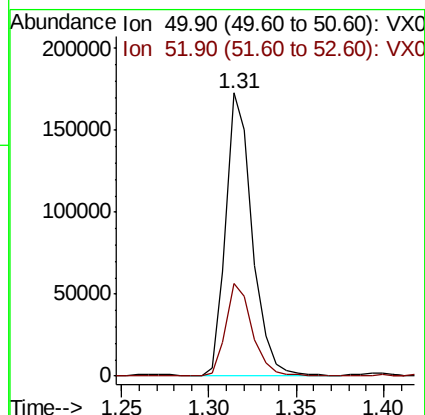
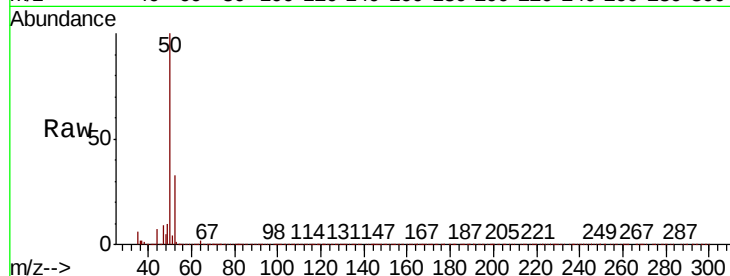
ClientSampleId :

Tot Ion: 50 Resp: 180451

Ion Ratio Lower Upper

50 100

52 32.8 25.5 38.3



#4

Vinyl Chloride

Concen: 20.838 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013304.D

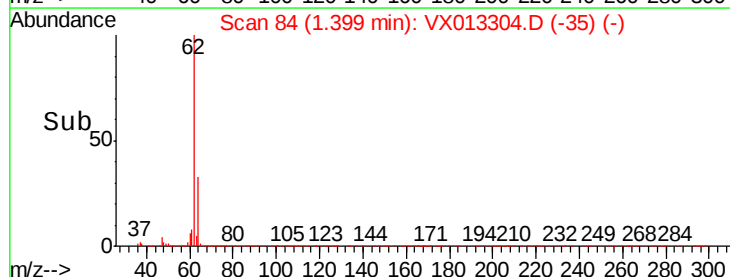
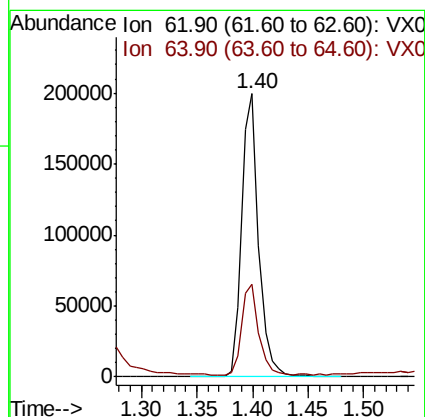
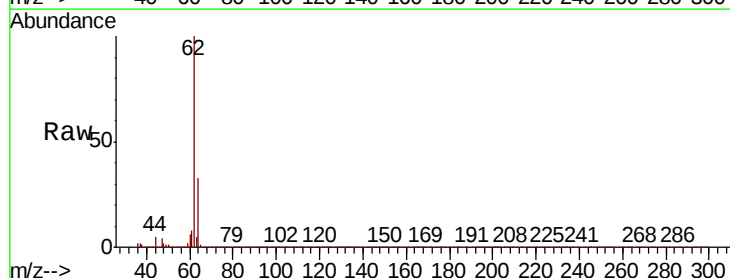
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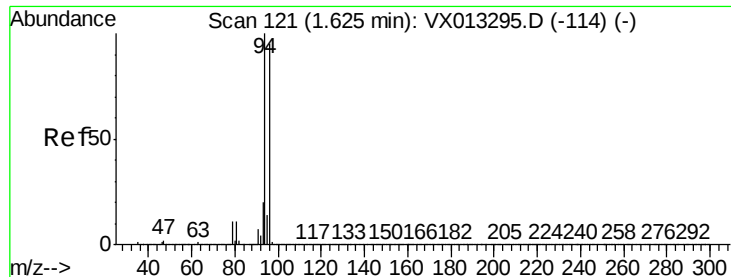
Tgt Ion: 62 Resp: 209986

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4





#5

Bromomethane

Concen: 18.451 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

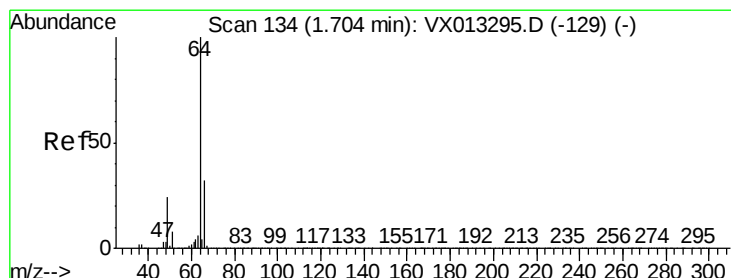
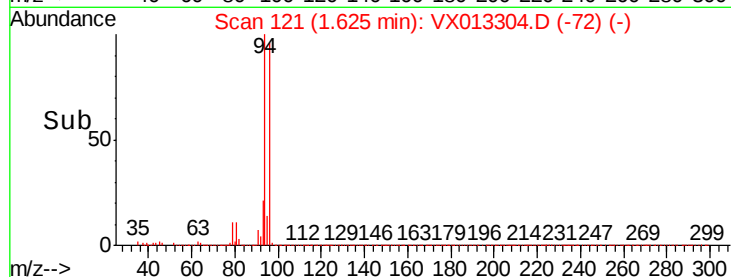
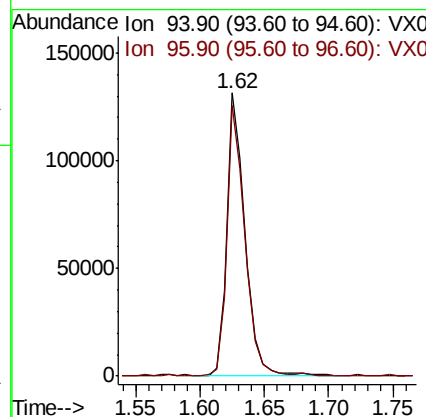
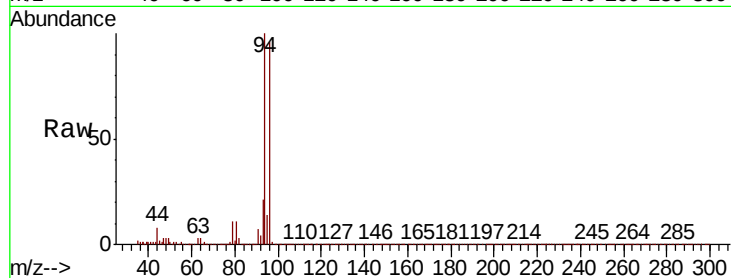
ClientSampleId :

Tot Ion: 94 Resp: 129567

Ion Ratio Lower Upper

94 100

96 95.5 75.8 113.8



#6

Chloroethane

Concen: 18.943 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013304.D

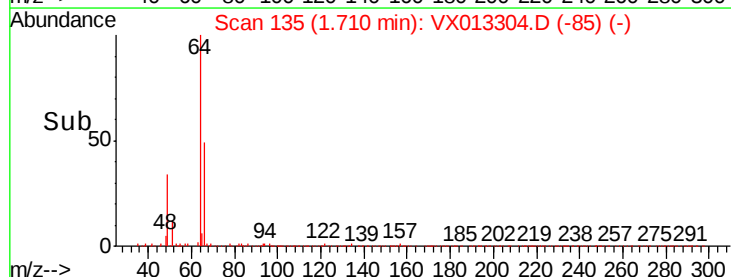
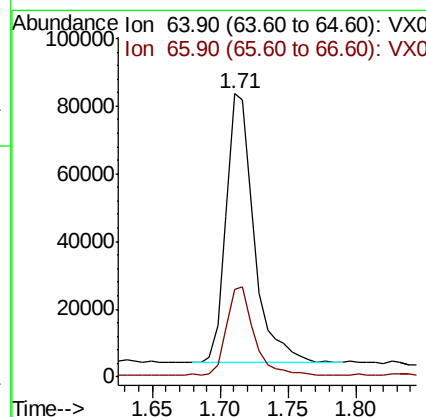
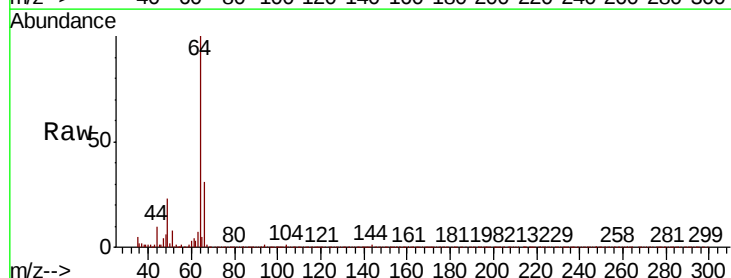
Acq: 01 Nov 2019 12:24

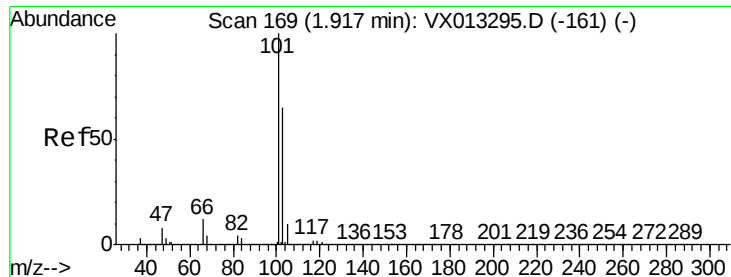
Tgt Ion: 64 Resp: 113380

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4



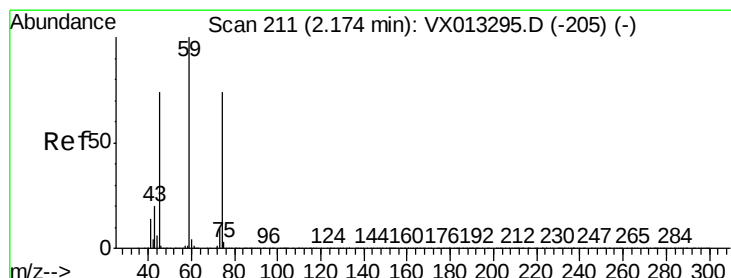
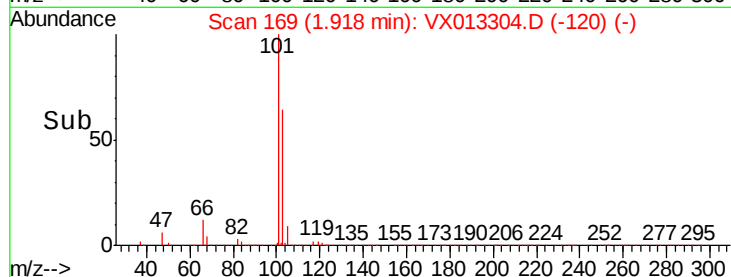
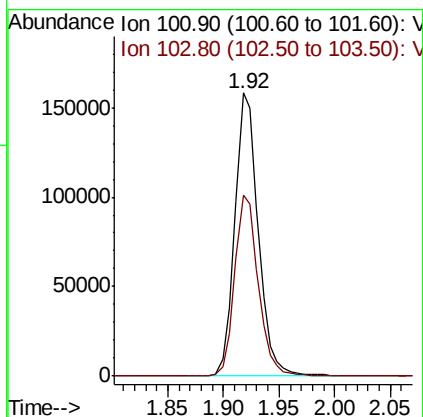
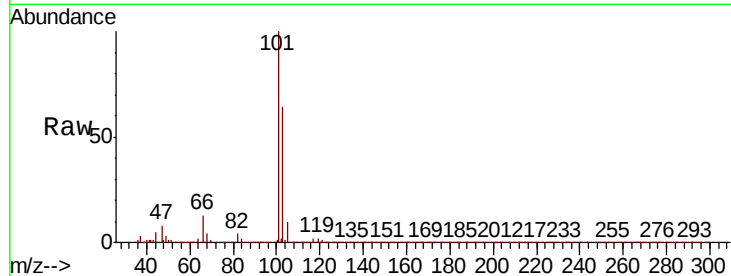


#7

Trichlorofluoromethane
Concen: 19.292 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :

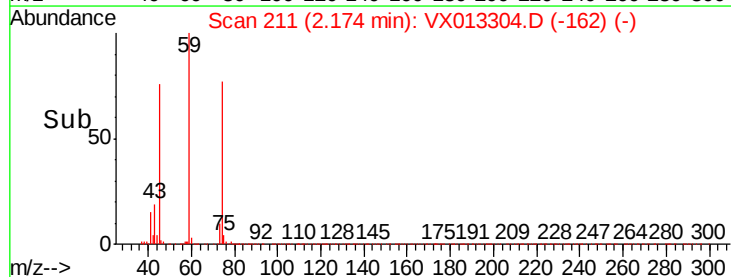
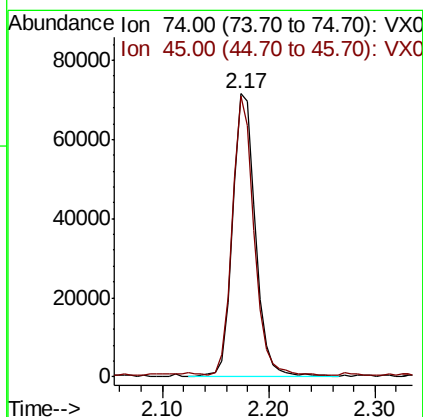
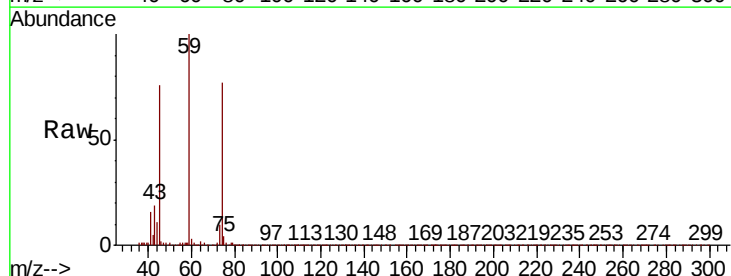
Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.3	78.5

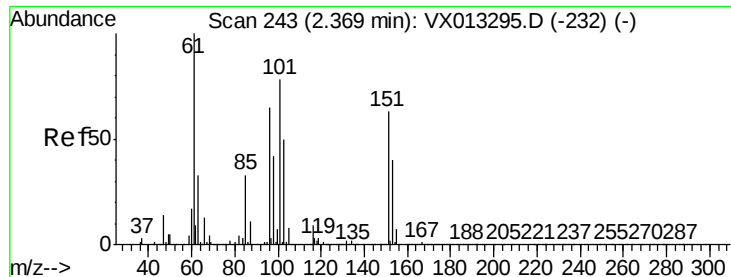


#8

Diethyl Ether
Concen: 20.537 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.7	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.478 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

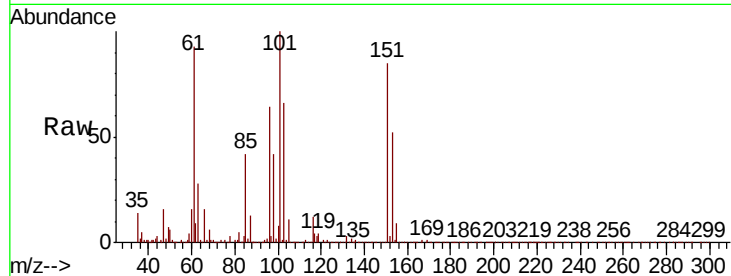
Tot Ion:101 Resp: 129249

Ion Ratio Lower Upper

101 100

85 43.2 34.4 51.6

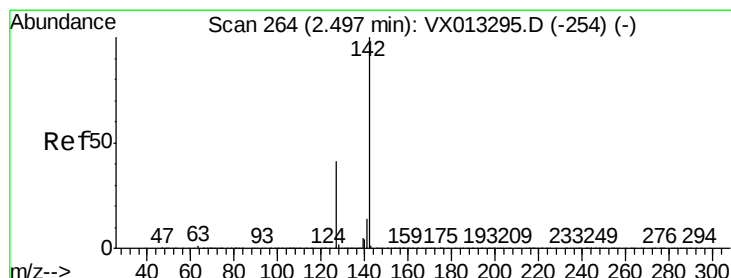
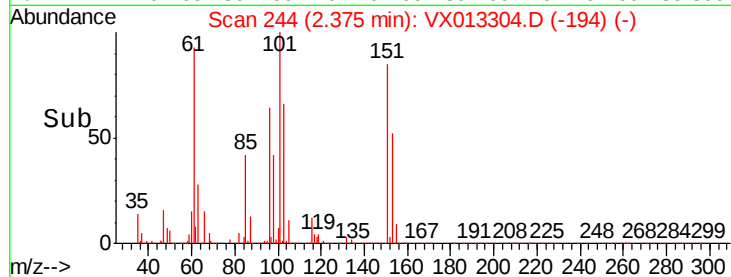
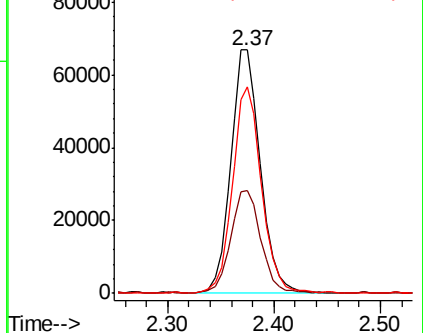
151 83.4 66.4 99.6



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: 18.809 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

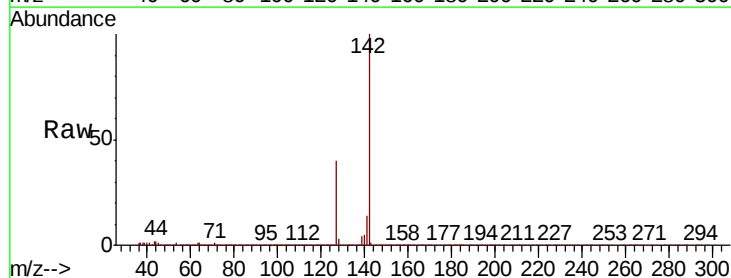
Tgt Ion:142 Resp: 154523

Ion Ratio Lower Upper

142 100

127 40.7 32.6 49.0

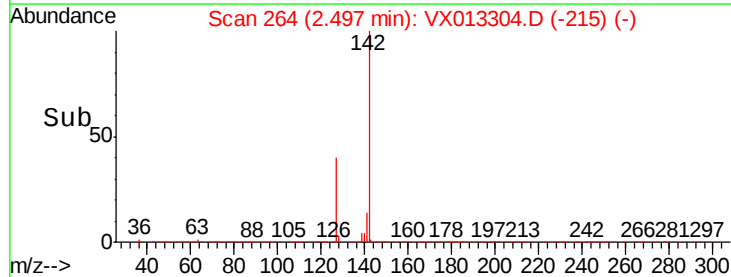
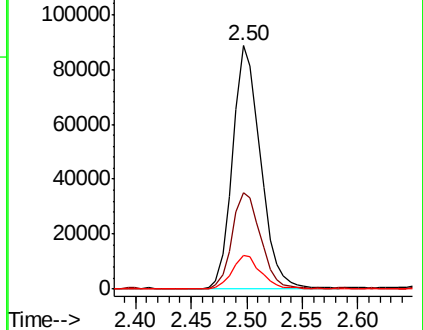
141 14.1 11.6 17.4

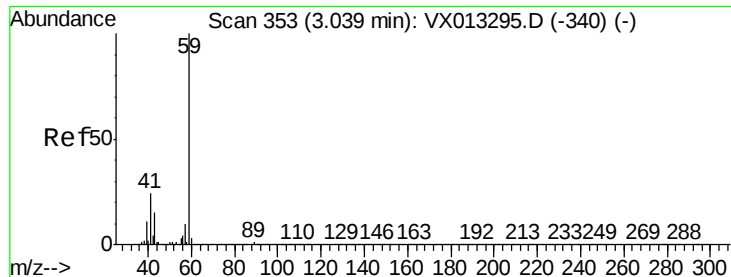


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



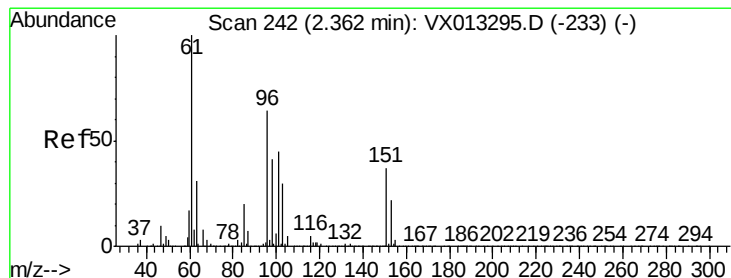
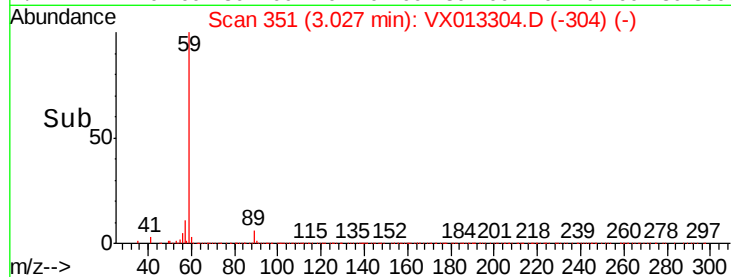
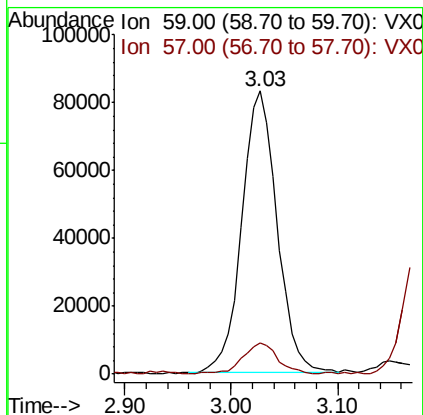
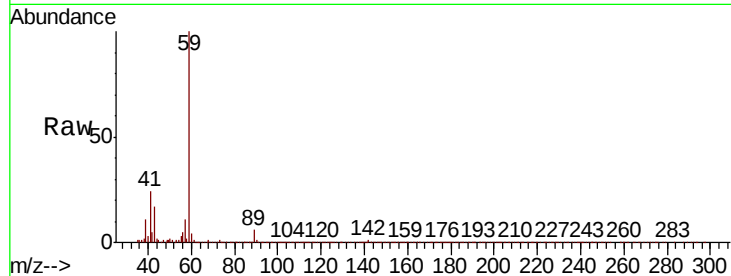


#11

Tert butyl alcohol
 Concen: 87.726 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :

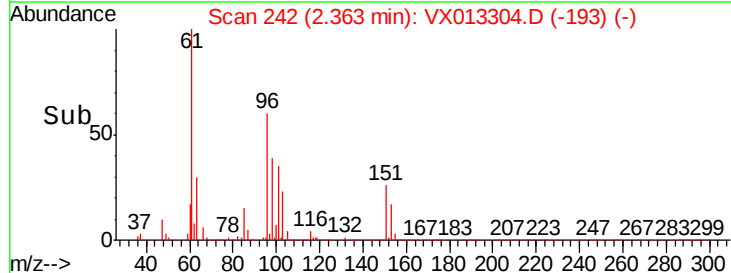
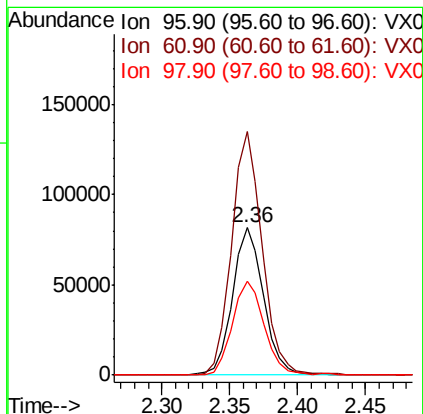
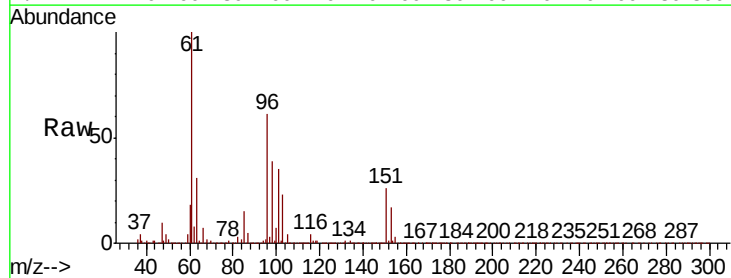
Tot Ion: 59 Resp: 194050
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.0 12.0

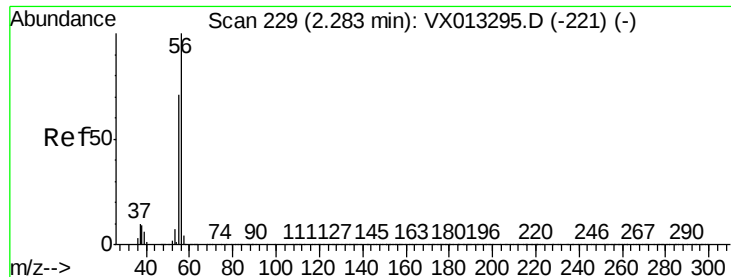


#12

1,1-Dichloroethene
 Concen: 19.896 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

Tgt Ion: 96 Resp: 129285
 Ion Ratio Lower Upper
 96 100
 61 165.0 125.0 187.6
 98 63.9 50.7 76.1





#13

Acrolein

Concen: 94.294 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

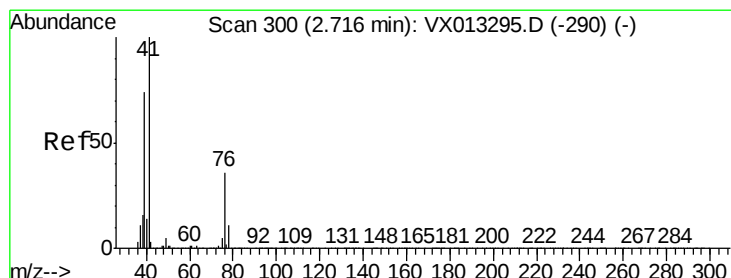
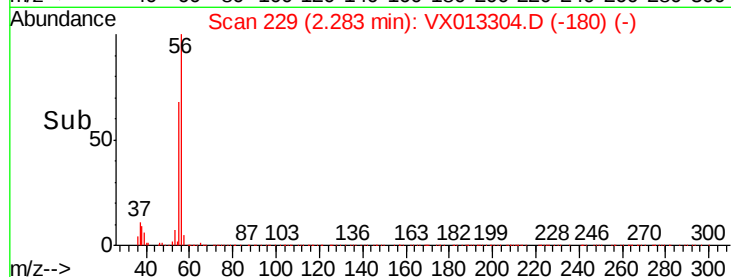
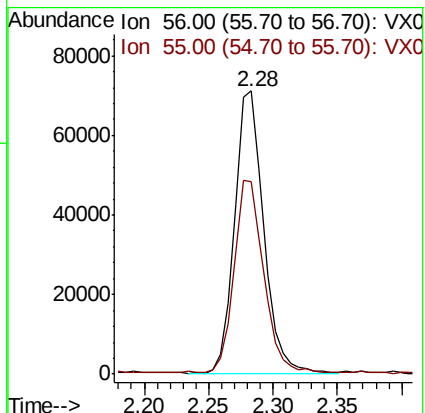
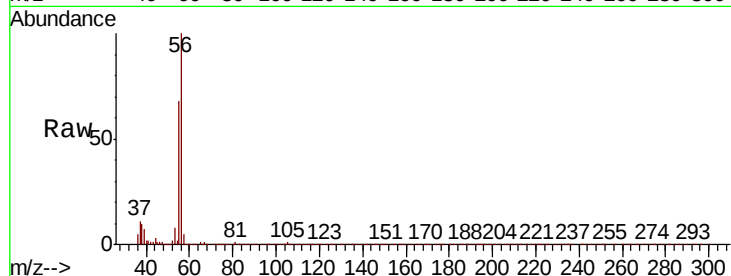
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 113043

Ion Ratio Lower Upper

56 100

55 68.5 57.4 86.0



#14

Allyl chloride

Concen: 19.888 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

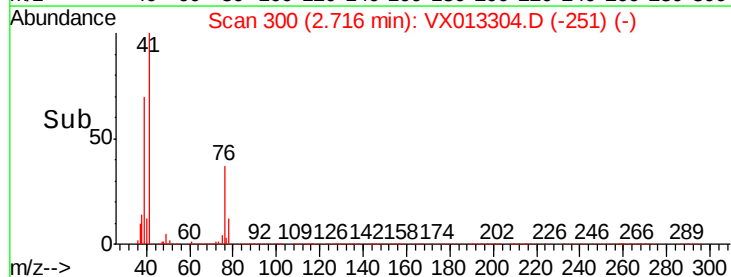
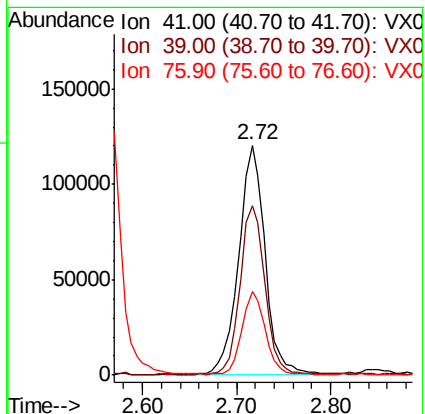
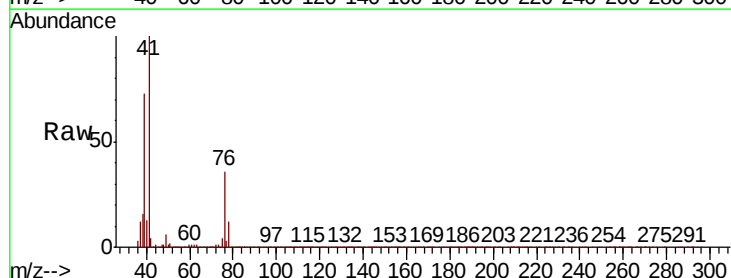
Tgt Ion: 41 Resp: 234809

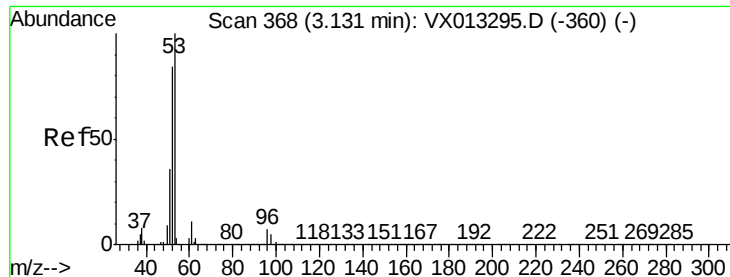
Ion Ratio Lower Upper

41 100

39 69.6 55.8 83.8

76 32.1 26.4 39.6





#15

Acrylonitrile

Concen: 98.737 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

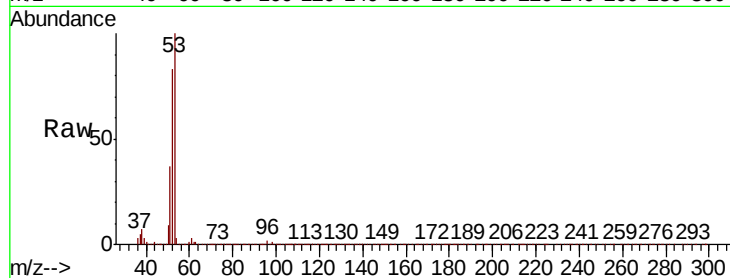
Tot Ion: 53 Resp: 407973

Ion Ratio Lower Upper

53 100

52 84.6 67.4 101.0

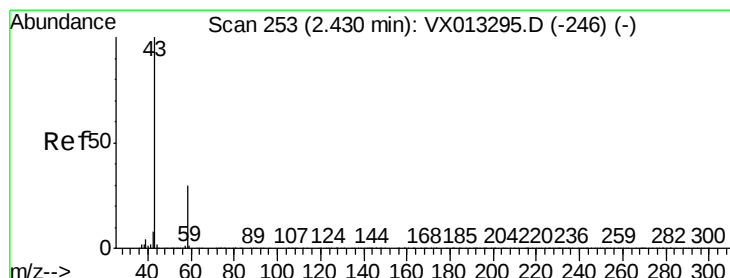
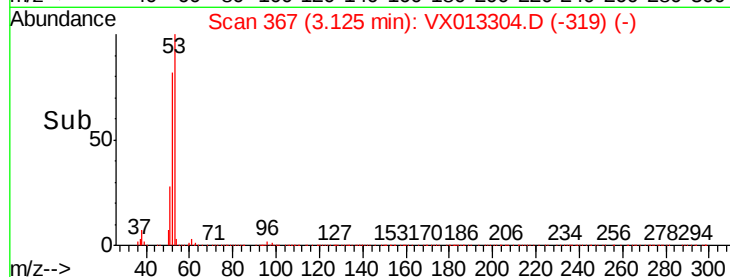
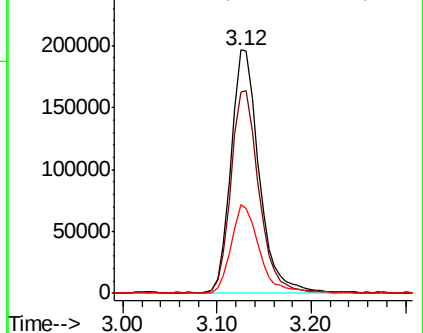
51 36.4 29.4 44.2



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: 95.633 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013304.D

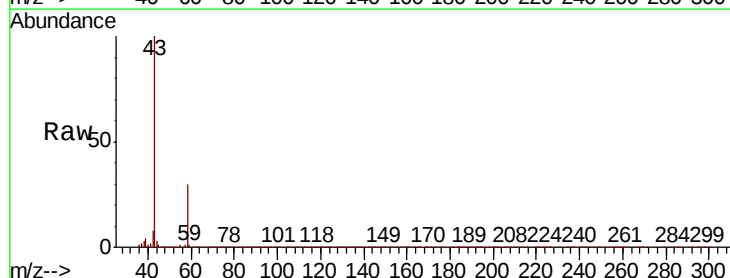
Acq: 01 Nov 2019 12:24

Tgt Ion: 43 Resp: 400321

Ion Ratio Lower Upper

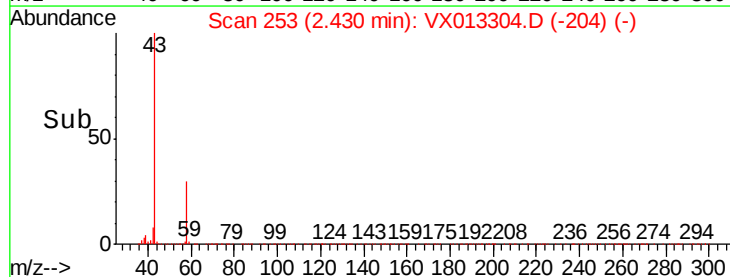
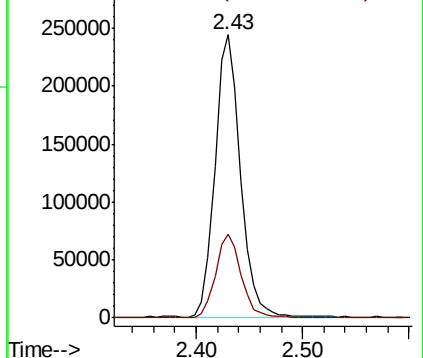
43 100

58 29.5 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: 19.569 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

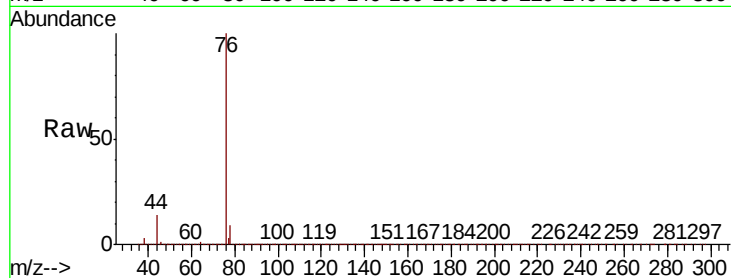
ClientSampled :

Tot Ion: 76 Resp: 340343

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

200000

150000

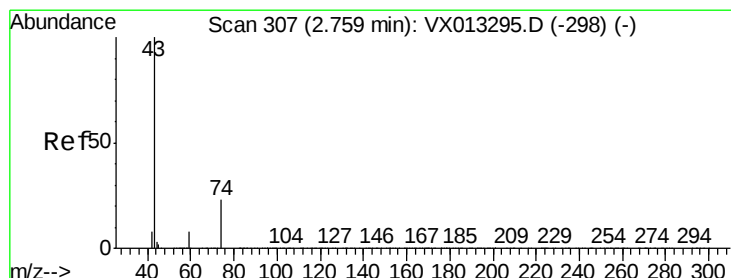
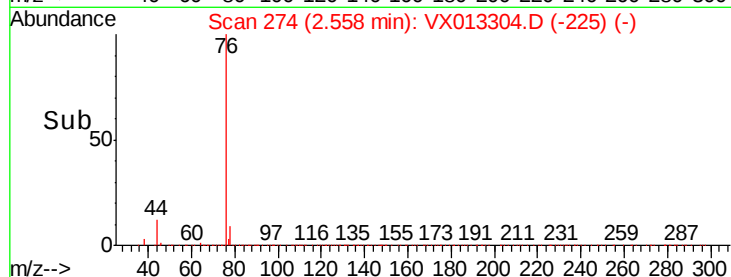
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 19.910 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013304.D

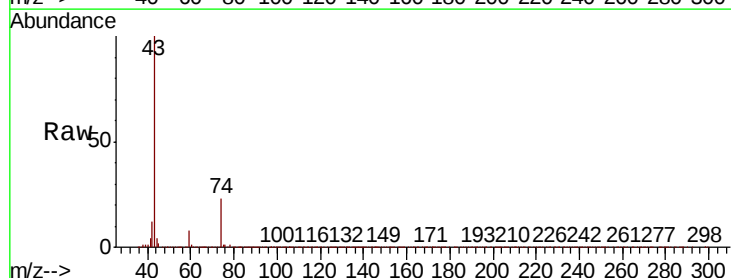
Acq: 01 Nov 2019 12:24

Tgt Ion: 43 Resp: 230098

Ion Ratio Lower Upper

43 100

74 24.1 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

150000

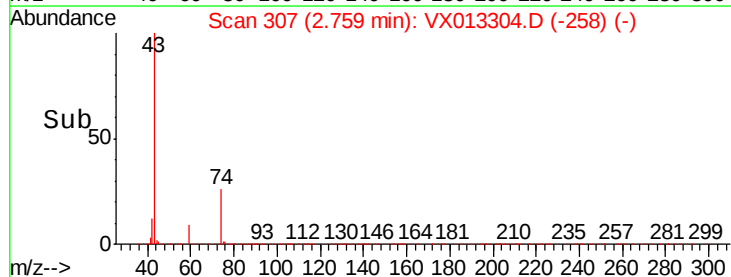
100000

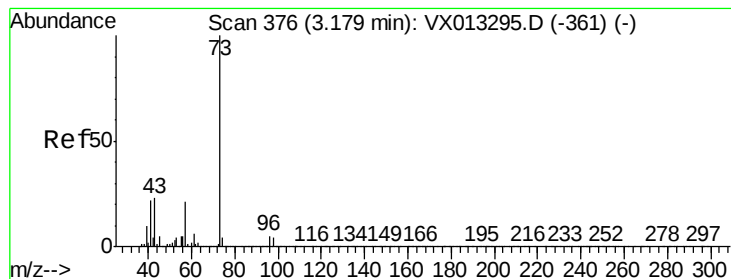
50000

0

2.70 2.80 2.90

Time-->



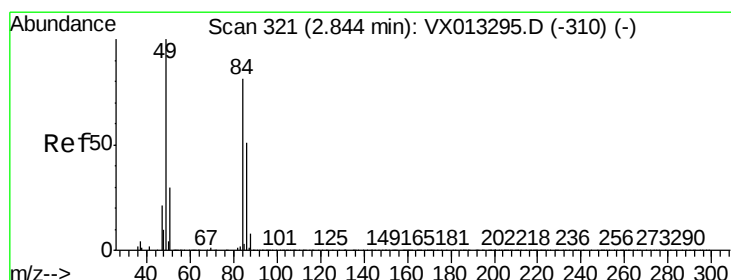
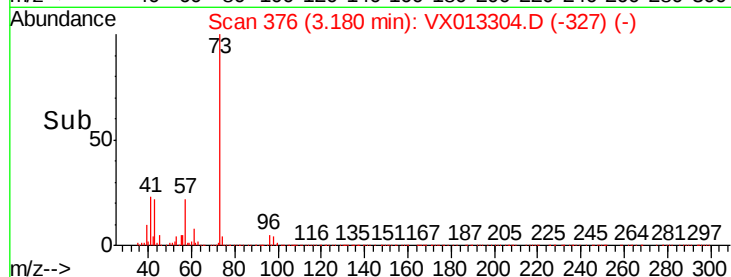
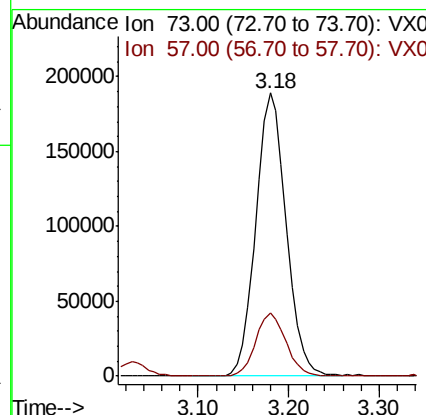
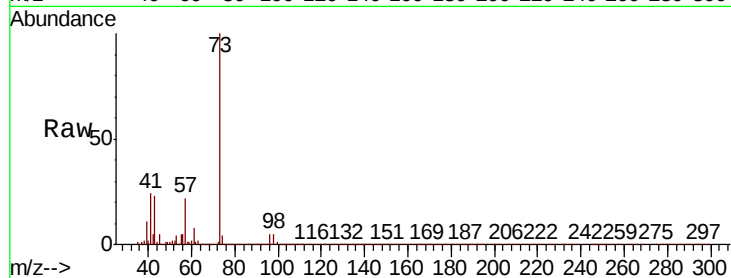


#19

Methyl tert-butyl Ether
 Concen: 20.211 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :

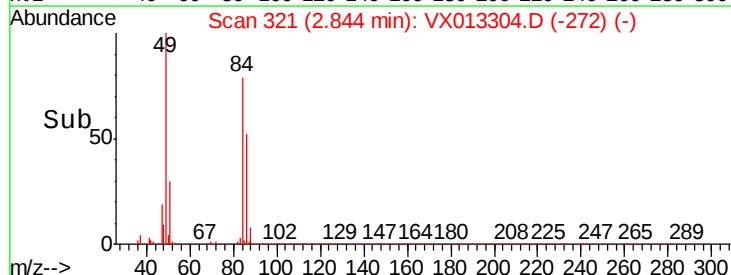
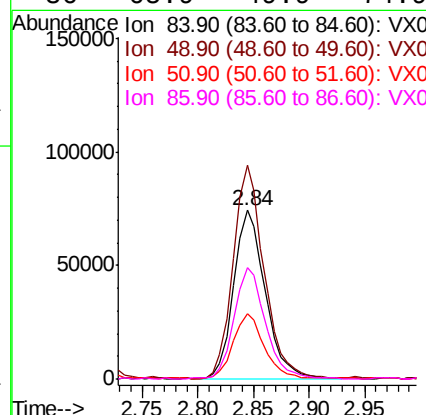
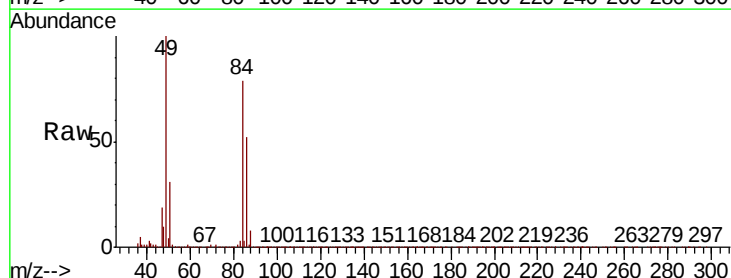
Tot Ion: 73 Resp: 438041
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.1 25.7

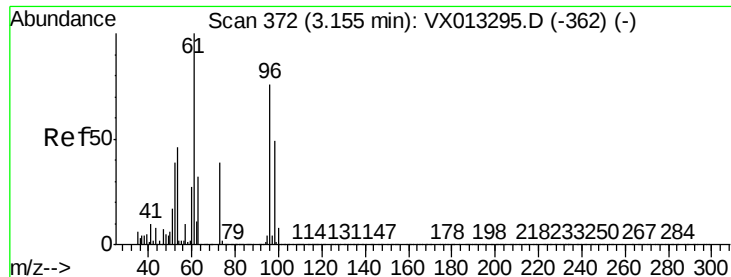


#20

Methylene Chloride
 Concen: 18.697 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

Tgt Ion: 84 Resp: 144608
 Ion Ratio Lower Upper
 84 100
 49 126.8 98.2 147.4
 51 38.7 29.9 44.9
 86 65.9 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.578 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :

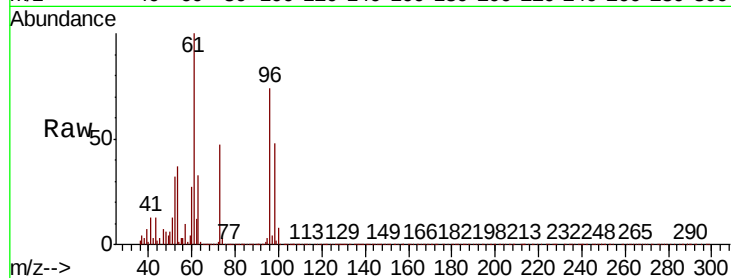
Tot Ion: 96 Resp: 138515

Ion Ratio Lower Upper

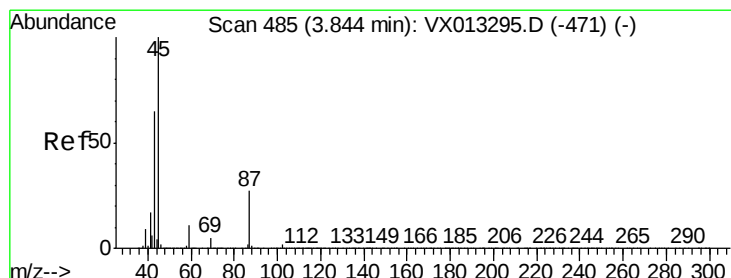
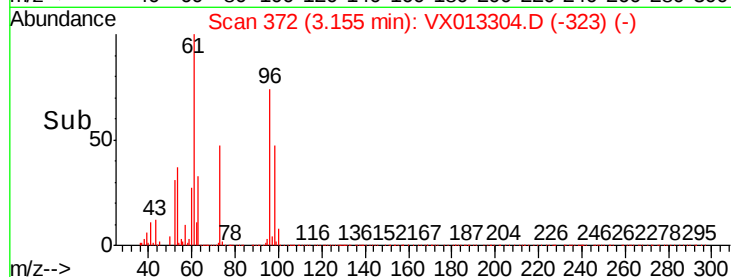
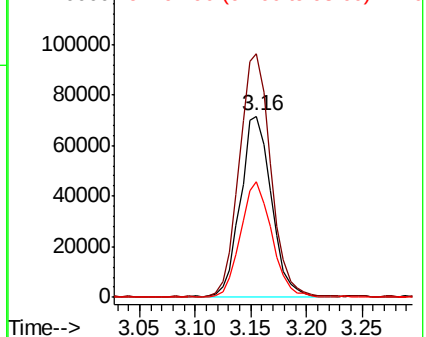
96 100

61 134.1 105.8 158.6

98 63.7 51.8 77.6



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



#22

Diisopropyl ether

Concen: 20.351 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Tgt Ion: 45 Resp: 463888

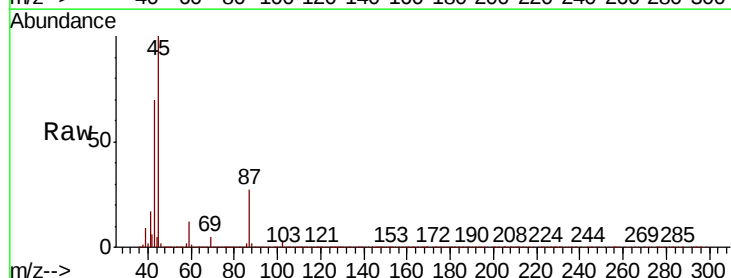
Ion Ratio Lower Upper

45 100

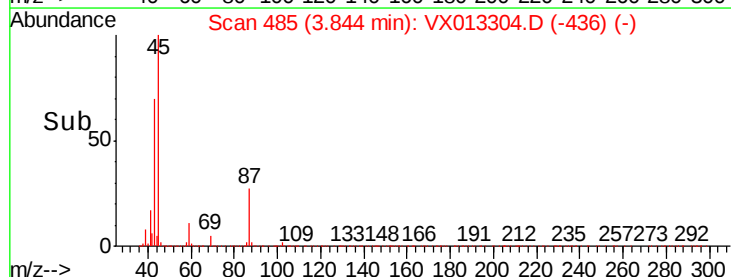
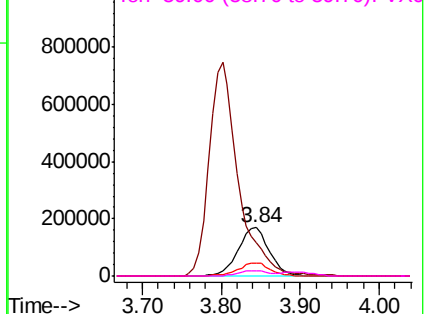
43 68.9 54.2 81.2

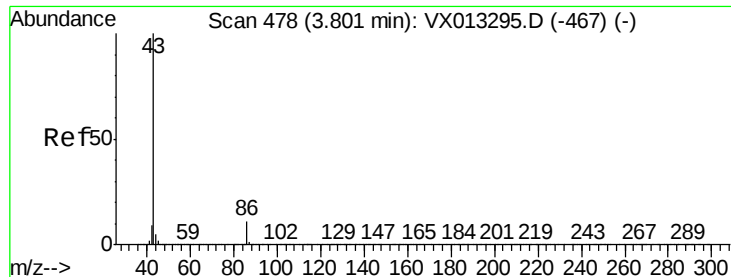
87 27.3 21.8 32.8

59 11.3 8.5 12.7



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





#23

Vinyl Acetate

Concen: 98.735 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

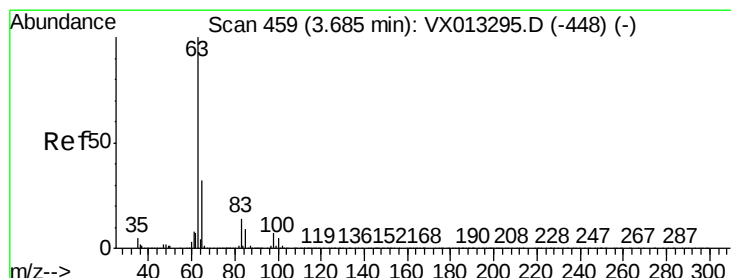
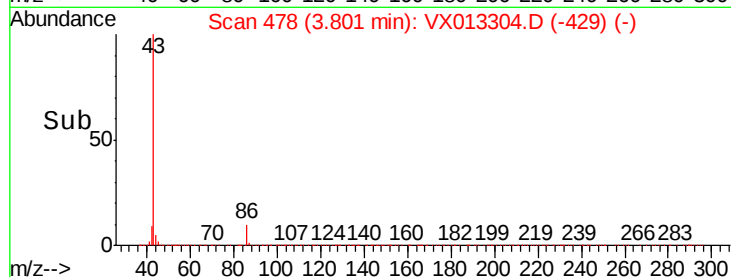
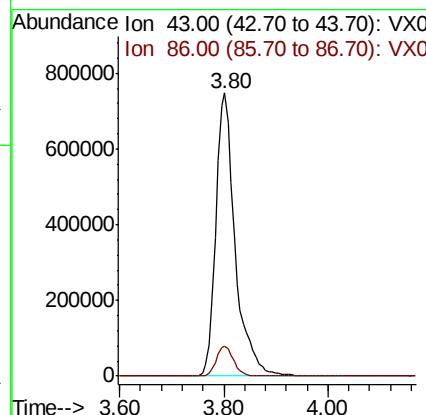
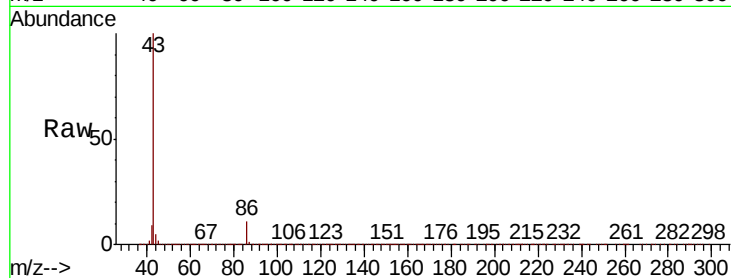
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1925802

Ion Ratio Lower Upper

43 100

86 10.5 8.6 13.0



#24

1,1-Dichloroethane

Concen: 19.822 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

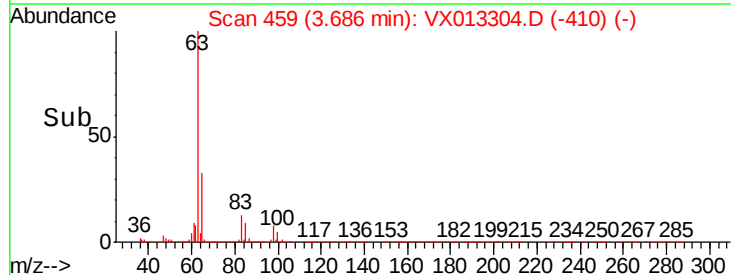
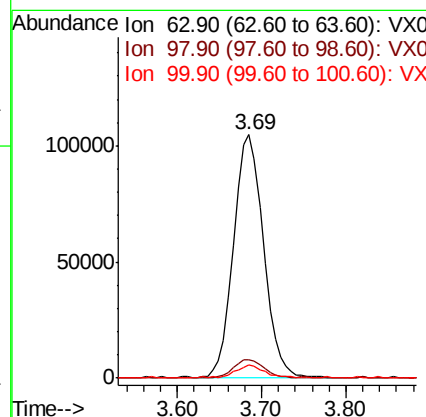
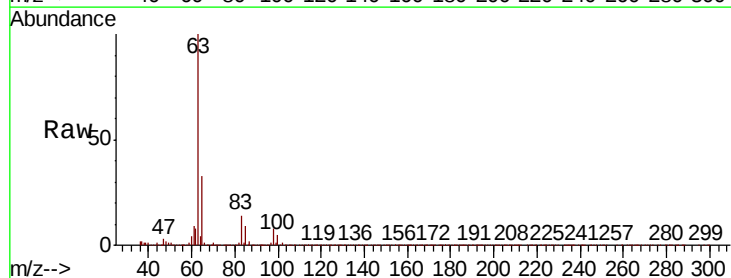
Tgt Ion: 63 Resp: 252758

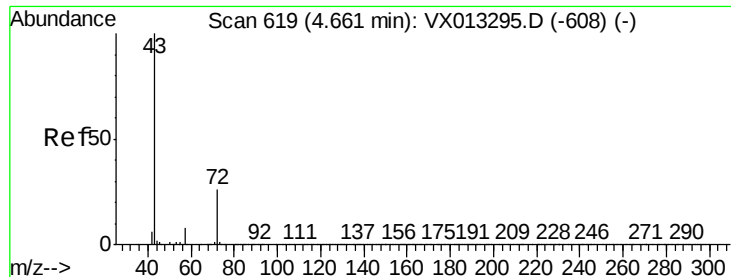
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 5.3 2.4 7.2





#25

2-Butanone

Concen: 97.431 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

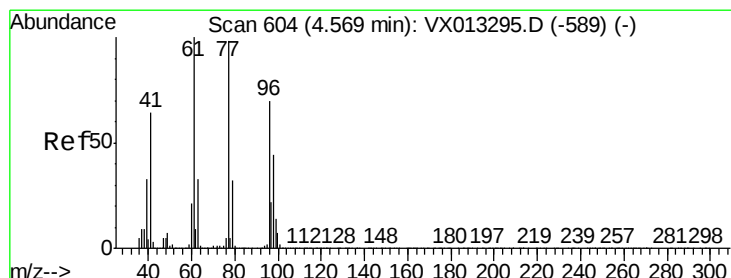
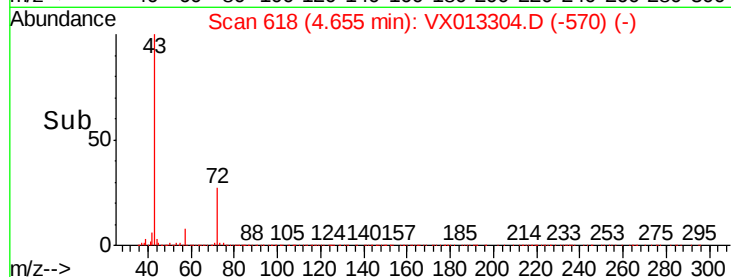
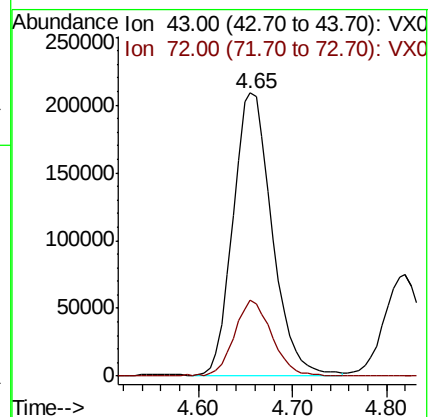
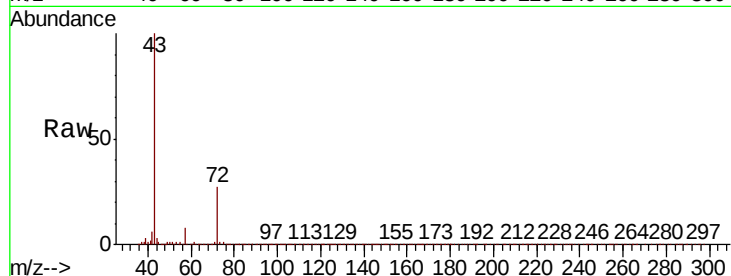
ClientSampleId :

Tot Ion: 43 Resp: 598322

Ion Ratio Lower Upper

43 100

72 26.7 21.0 31.6



#26

2,2-Dichloropropane

Concen: 19.276 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013304.D

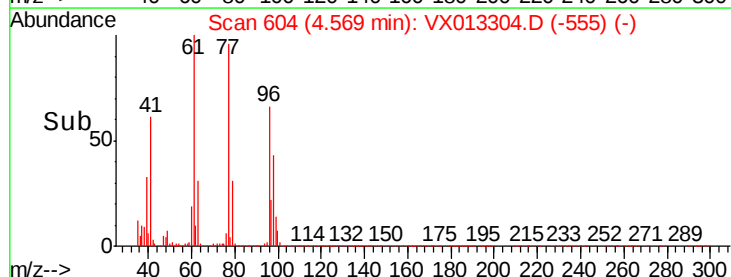
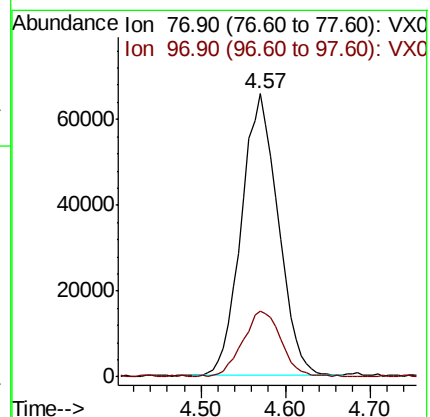
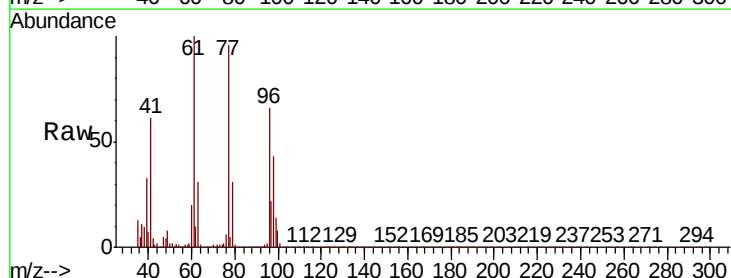
Acq: 01 Nov 2019 12:24

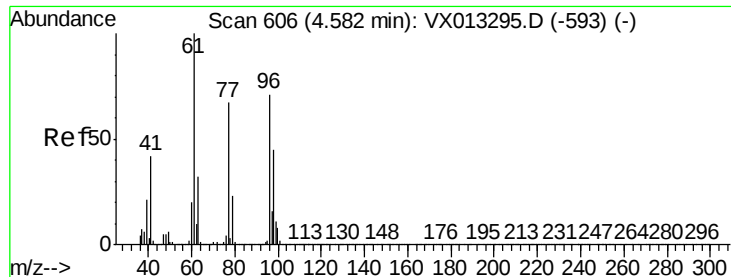
Tgt Ion: 77 Resp: 195538

Ion Ratio Lower Upper

77 100

97 23.6 11.3 33.8



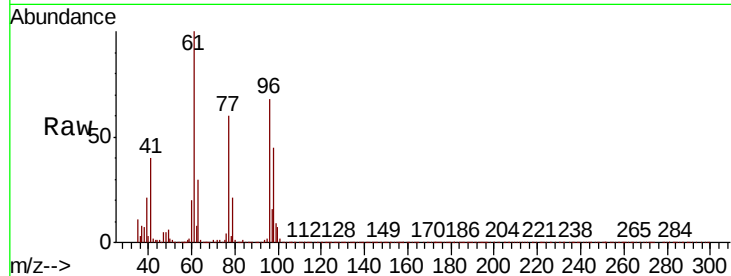


#27

cis-1,2-Dichloroethene
Concen: 20.314 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	288.0
98	64.9	0.0	129.6

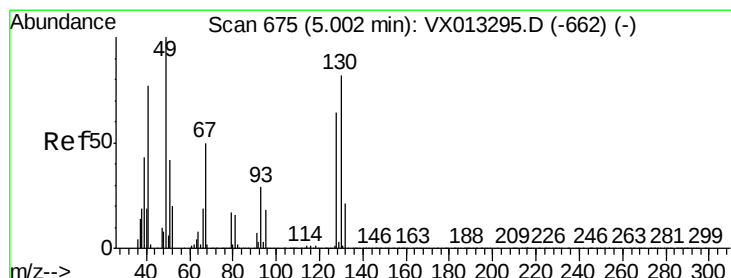
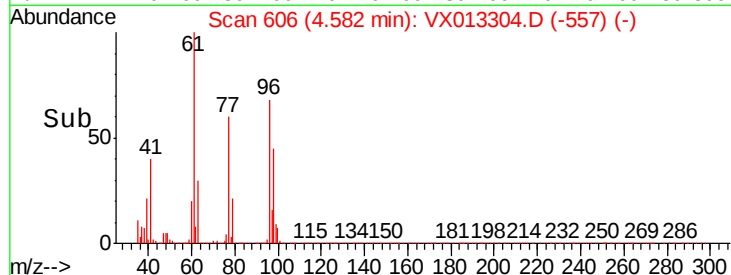
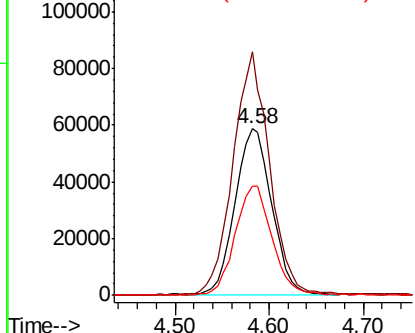


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

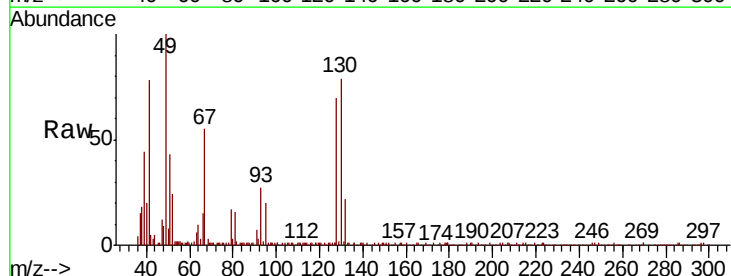
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 20.192 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.2
130	80.7	63.8	95.6

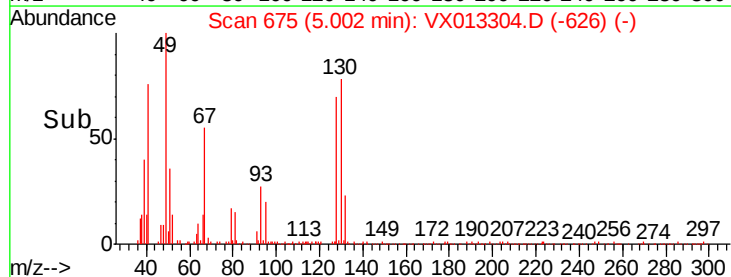
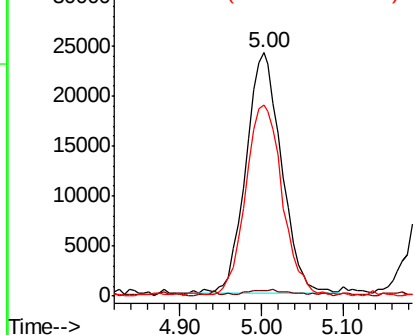


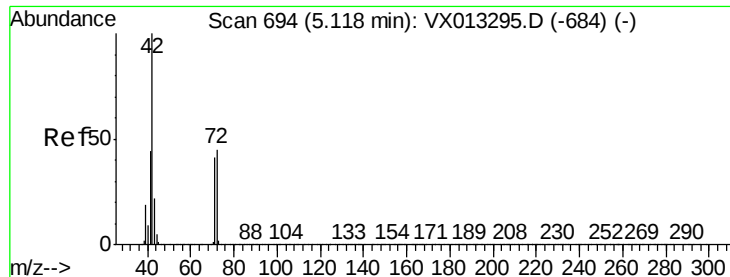
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 99.057 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

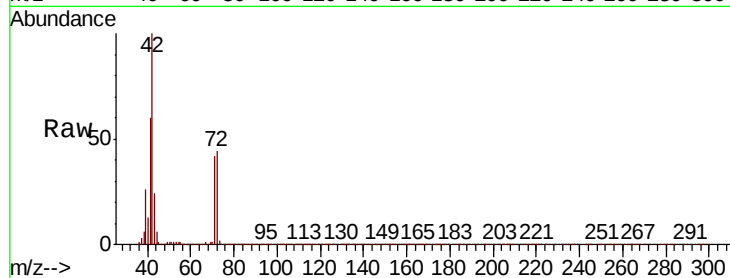
Tot Ion: 42 Resp: 374864

Ion Ratio Lower Upper

42 100

72 45.0 35.8 53.8

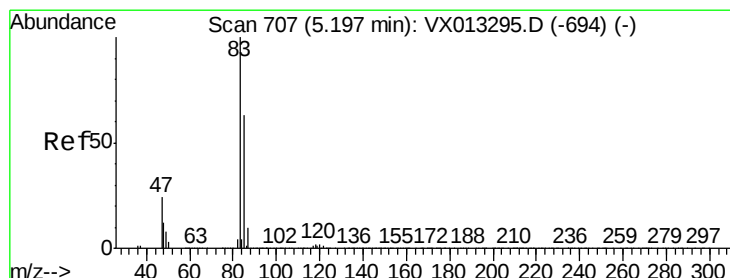
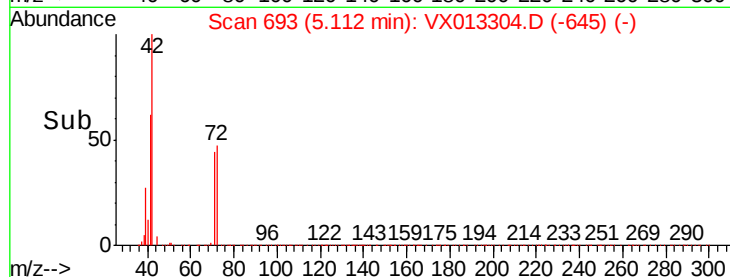
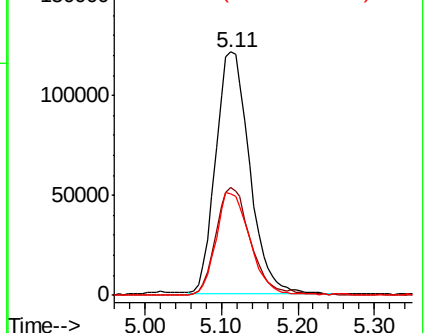
71 42.0 33.4 50.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.875 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013304.D

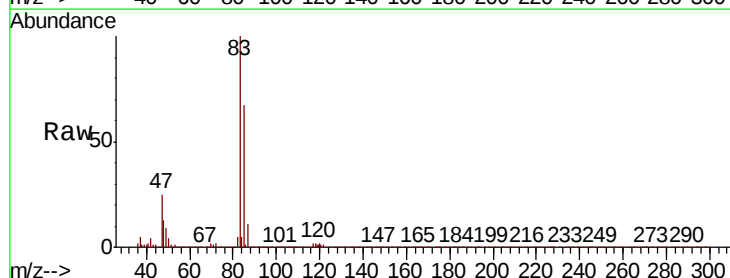
Acq: 01 Nov 2019 12:24

Tgt Ion: 83 Resp: 250247

Ion Ratio Lower Upper

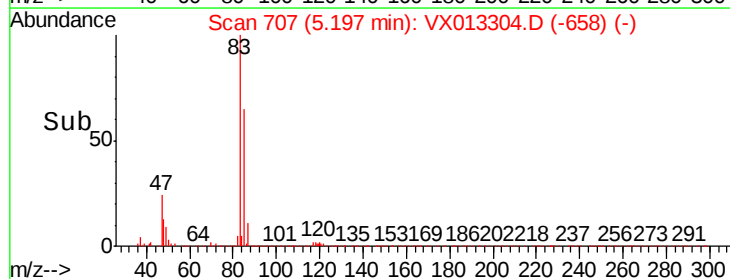
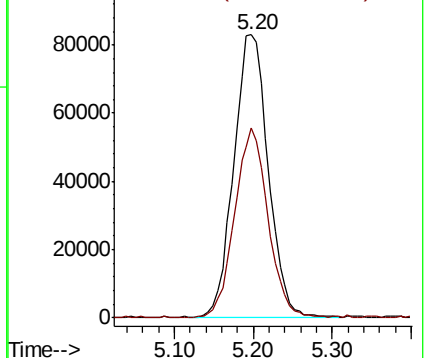
83 100

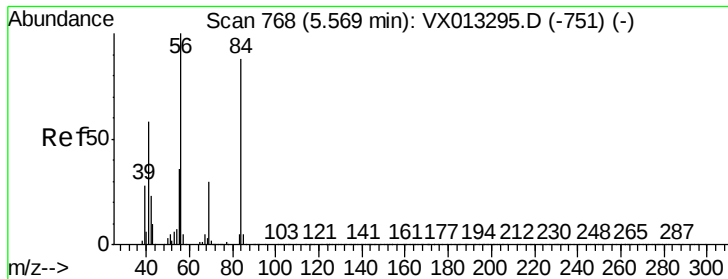
85 67.0 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

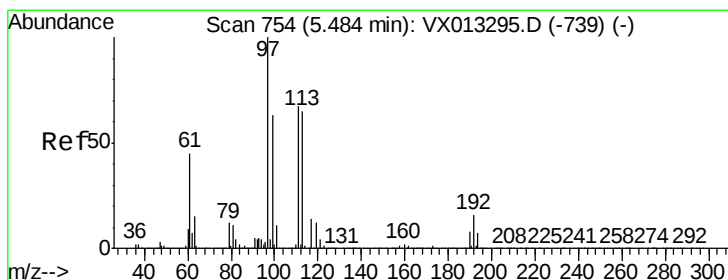
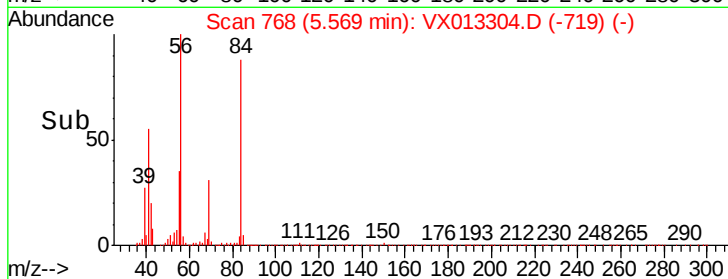
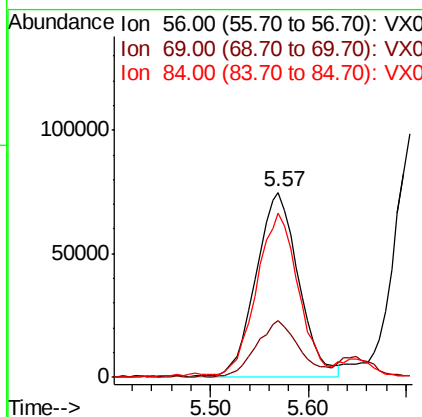
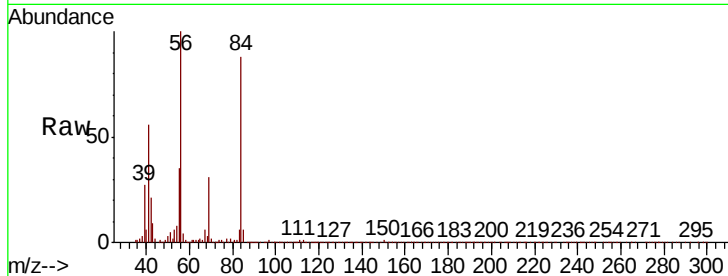




#31
Cyclohexane
Concen: 19.518 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

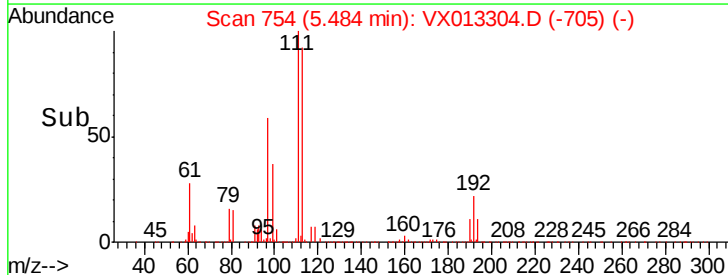
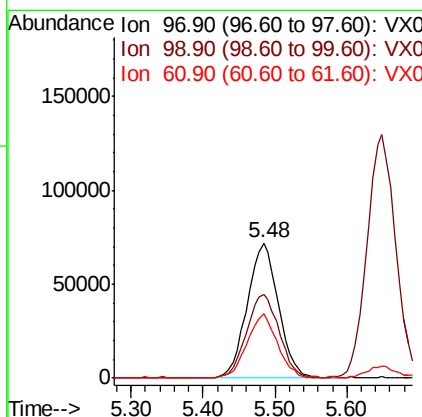
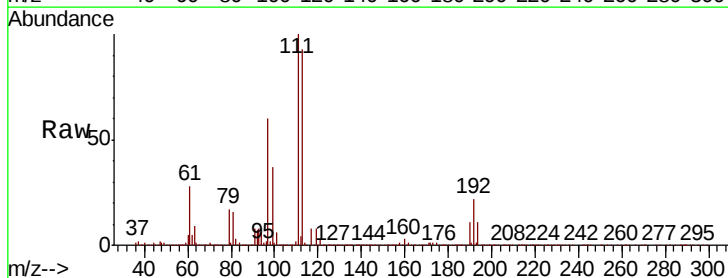
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 223947
Ion Ratio Lower Upper
56 100
69 30.4 23.7 35.5
84 87.4 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 19.827 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion: 97 Resp: 214840
Ion Ratio Lower Upper
97 100
99 65.2 51.1 76.7
61 46.7 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 49.376 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

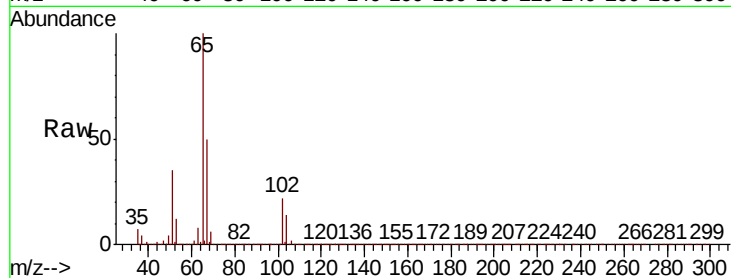
ClientSampleId :

Tot Ion: 65 Resp: 414383

Ion Ratio Lower Upper

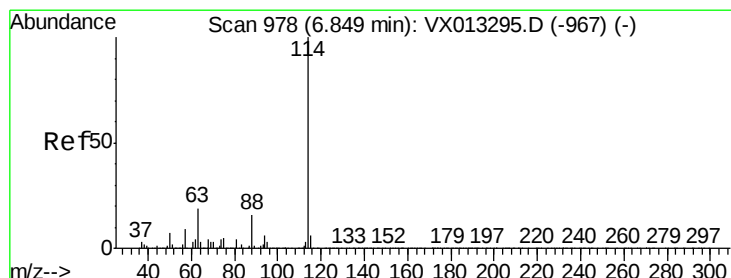
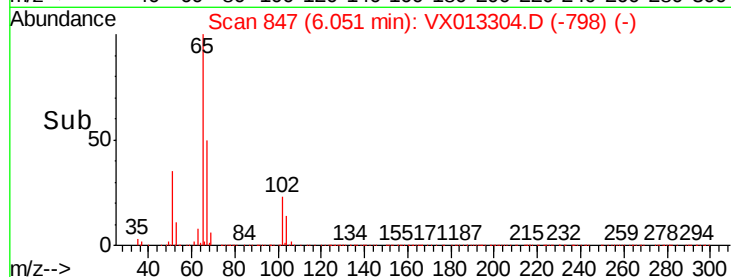
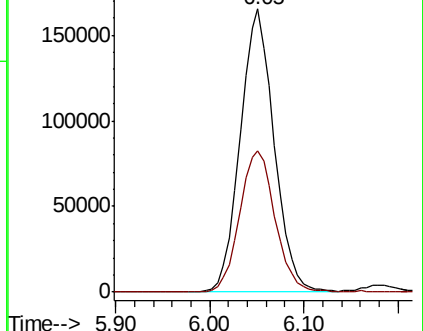
65 100

67 51.8 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

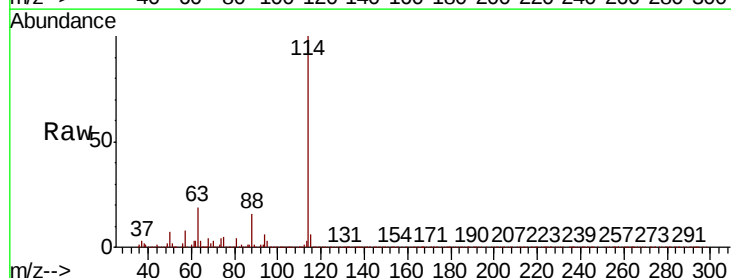
Tgt Ion: 114 Resp: 1077556

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

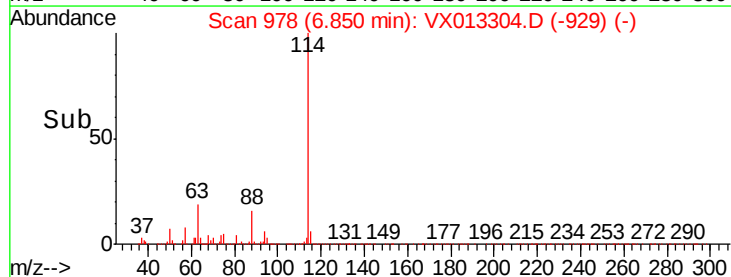
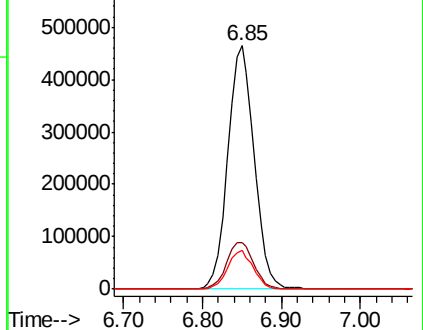
88 15.8 0.0 32.2

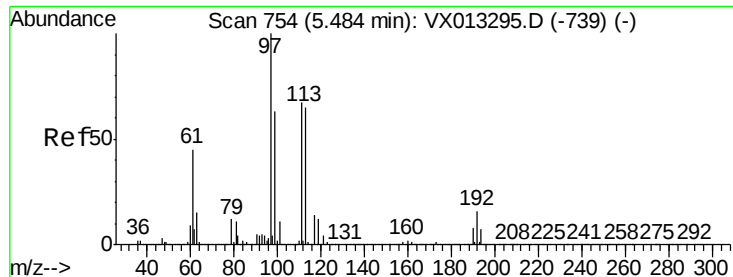


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

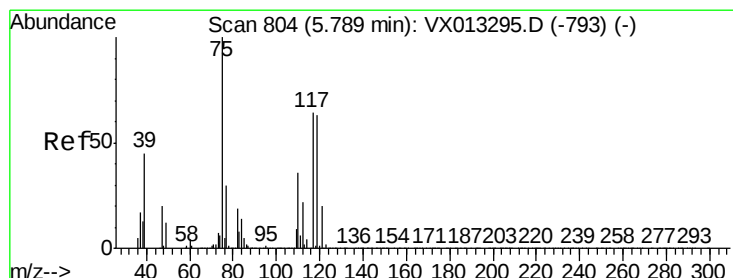
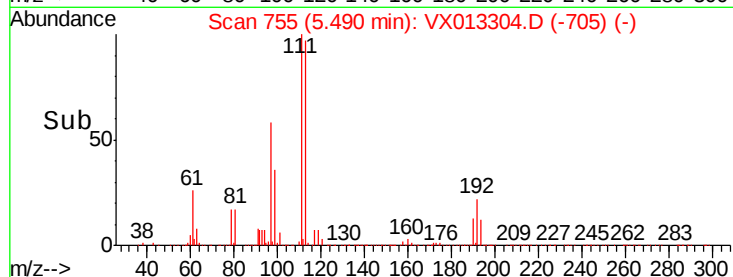
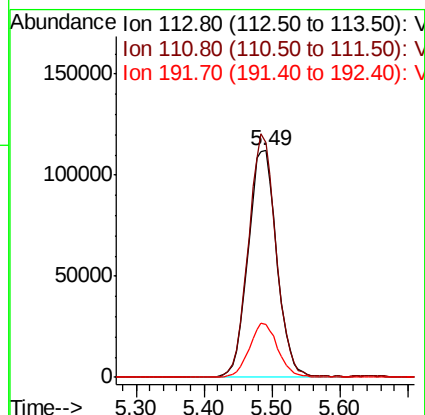
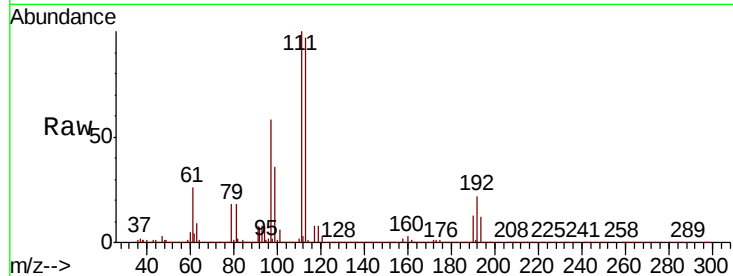




#35
 Dibromofluoromethane
 Concen: 48.661 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

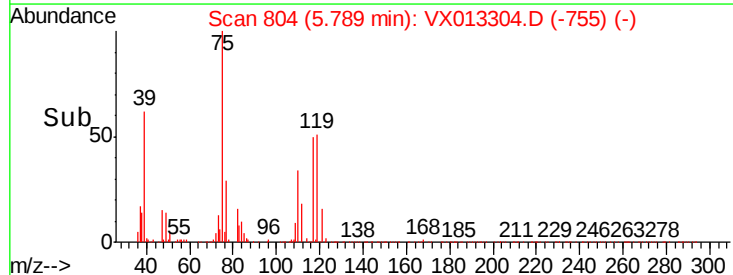
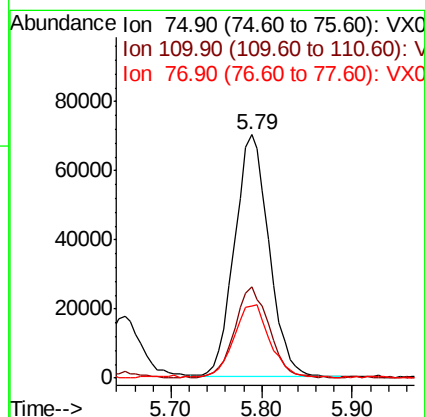
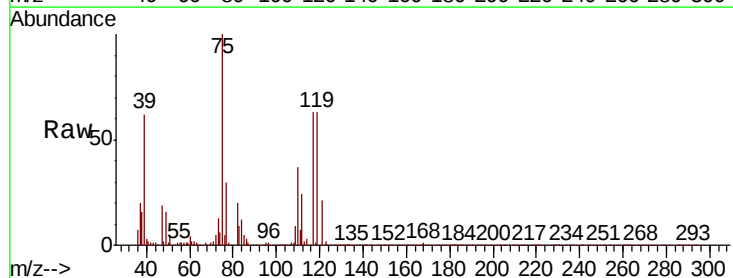
Instrument :
 MSVOA_X
 ClientSampleId :

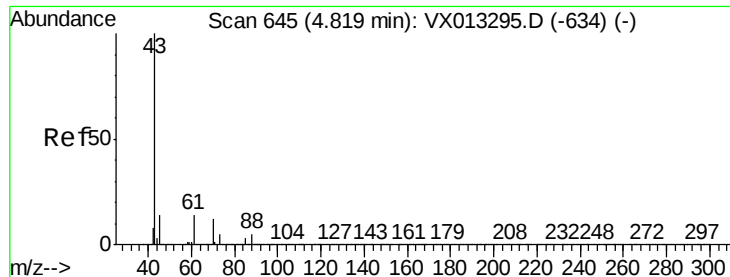
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.9	122.9
192	23.6	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 20.017 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.1	54.1
77	31.6	25.0	37.4

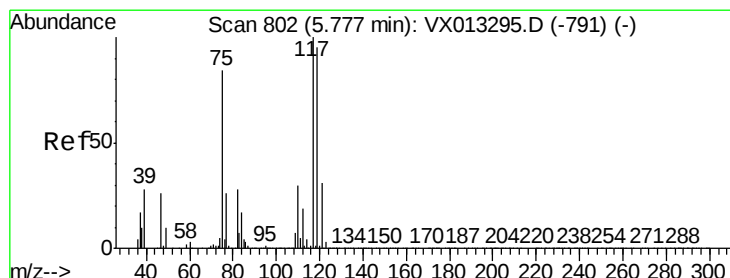
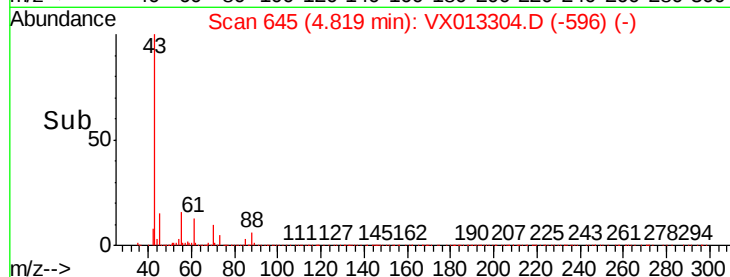
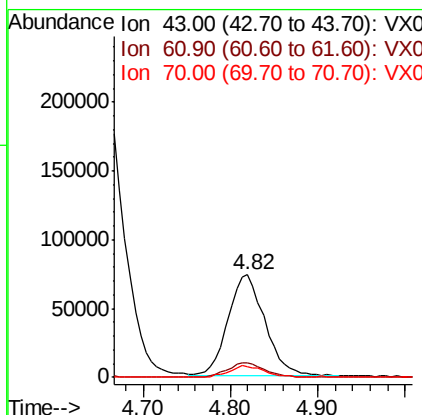
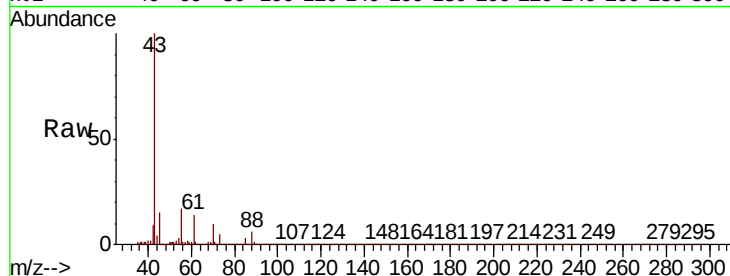




#37
Ethyl Acetate
Concen: 19.065 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

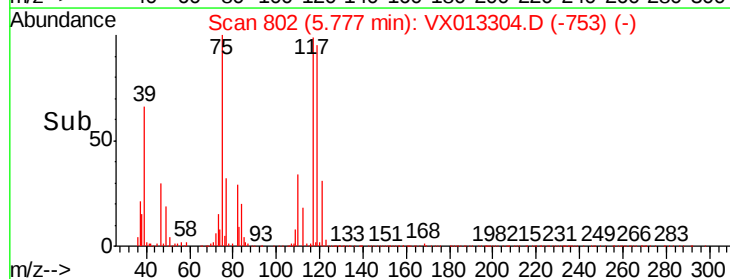
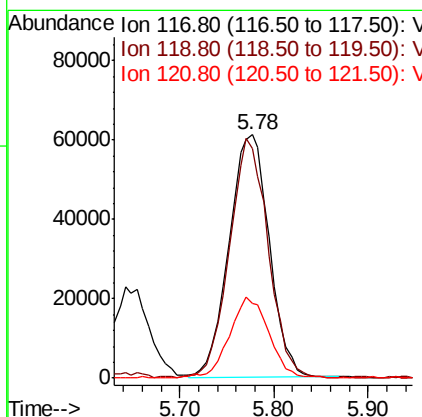
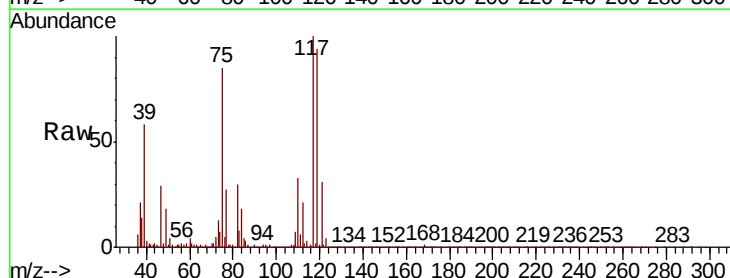
Instrument :
MSVOA_X
ClientSampled :

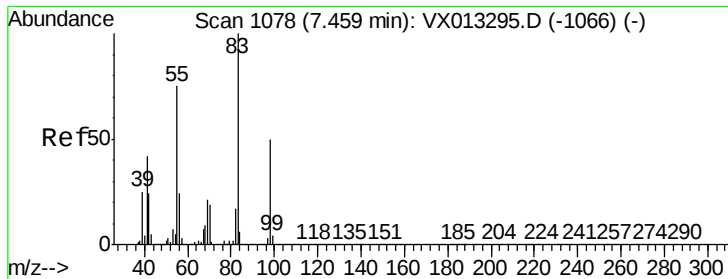
Tot Ion: 43 Resp: 217772
Ion Ratio Lower Upper
43 100
61 13.5 10.7 16.1
70 10.8 8.7 13.1



#38
Carbon Tetrachloride
Concen: 20.089 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion: 117 Resp: 181593
Ion Ratio Lower Upper
117 100
119 94.5 76.1 114.1
121 30.6 24.6 37.0

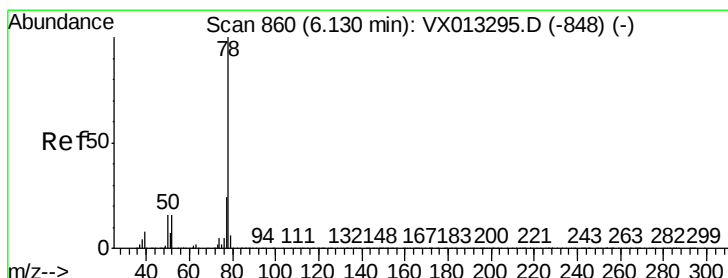
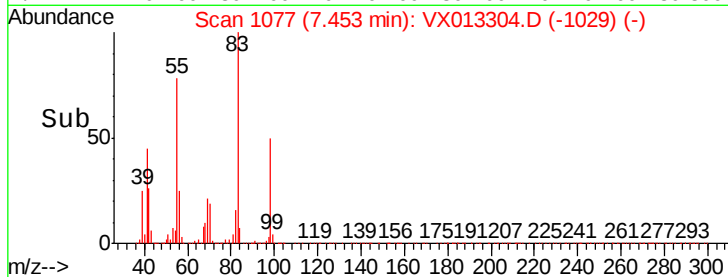
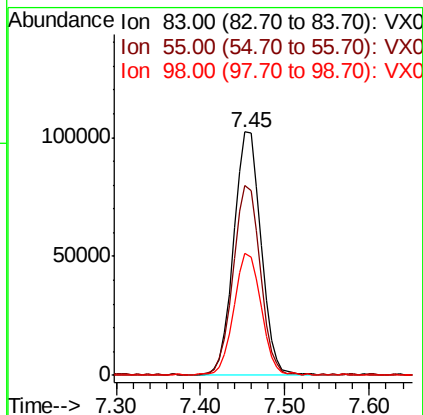
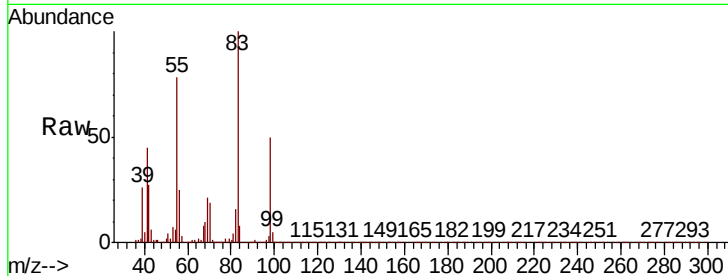




#39
Methvlcvclohexane
Concen: 19.351 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

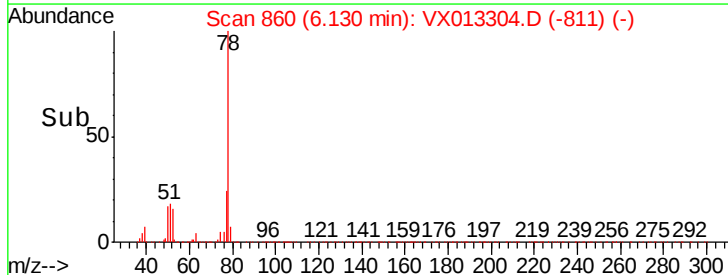
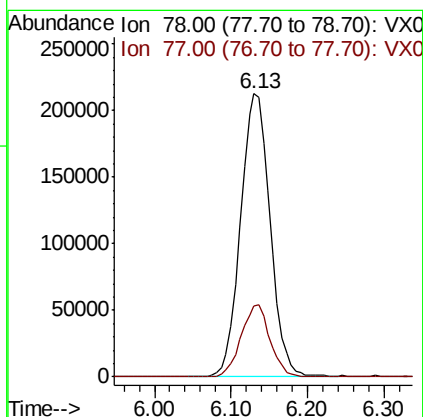
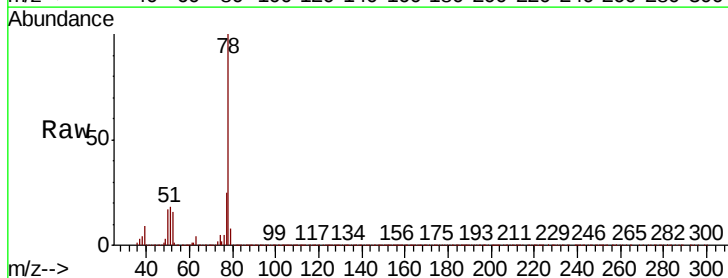
Instrument :
MSVOA_X
ClientSampled :

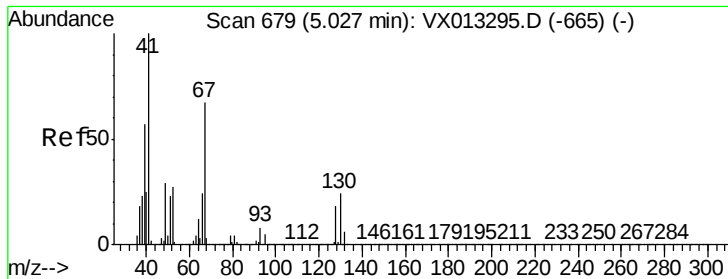
Tot Ion	83	Resp	222892
Ion Ratio	Lower	Upper	
83	100		
55	77.7	60.3	90.5
98	49.7	40.3	60.5



#40
Benzene
Concen: 19.757 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	78	Resp	568898
Ion Ratio	Lower	Upper	
78	100		
77	24.8	19.5	29.3





#41

Methacrylonitrile

Concen: 19.319 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 123687

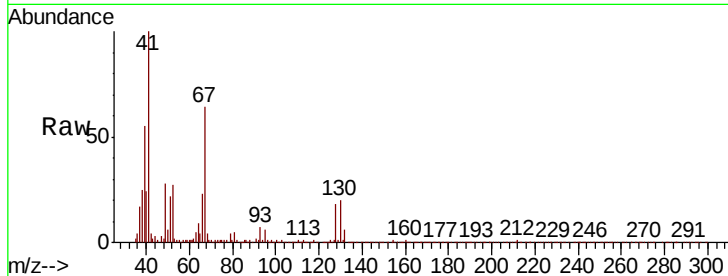
Ion Ratio Lower Upper

41 100

39 55.9 45.0 67.6

67 69.9 55.4 83.2

52 27.1 23.1 34.7



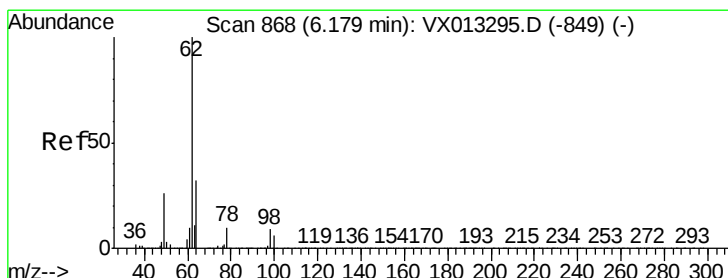
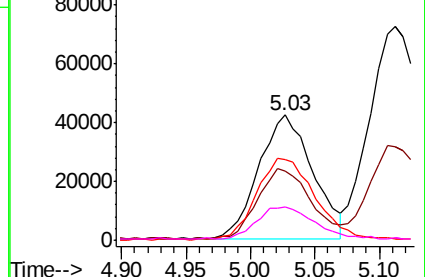
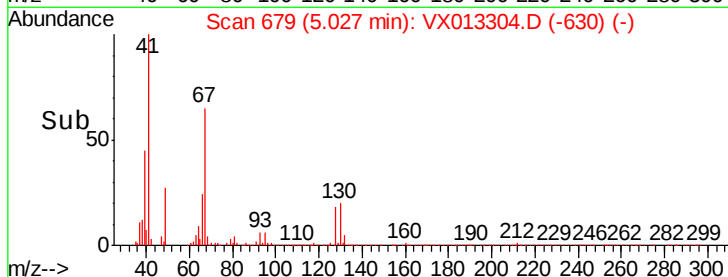
Abundance Ion 41.00 (40.70 to 41.70): VX0

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

Time-->



#42

1,2-Dichloroethane

Concen: 20.190 ug/l

RT: 6.18 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX013304.D

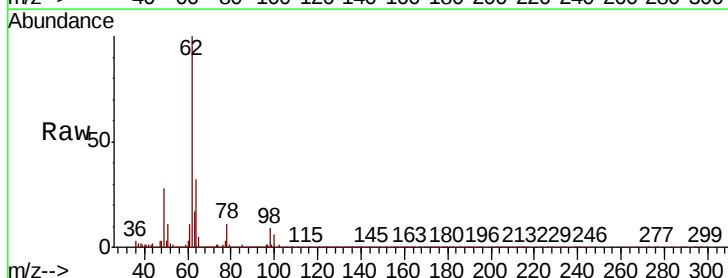
Acq: 01 Nov 2019 12:24

Tgt Ion: 62 Resp: 209708

Ion Ratio Lower Upper

62 100

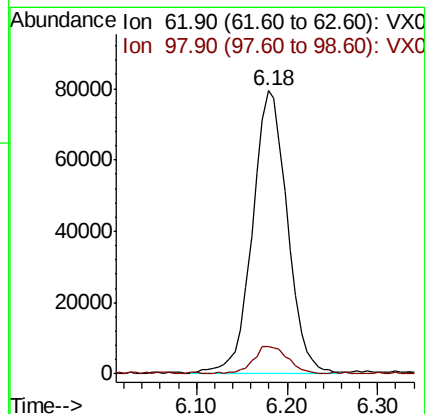
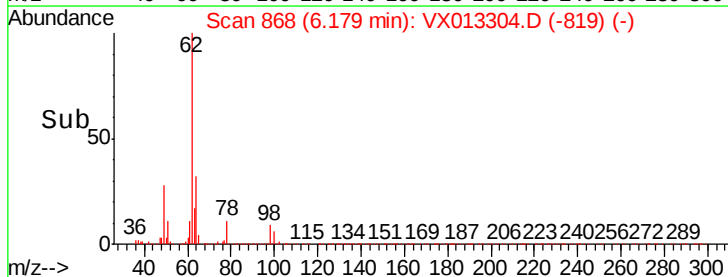
98 10.1 0.0 19.4

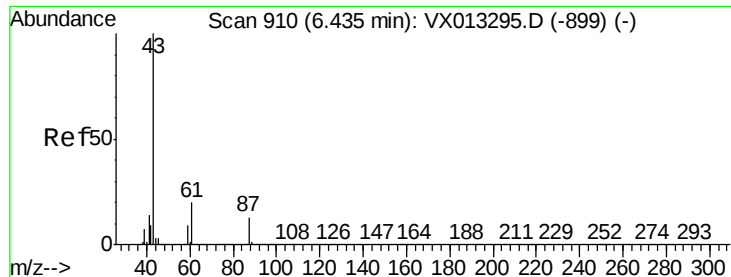


Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Time-->





#43

Isopropyl Acetate

Concen: 19.459 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

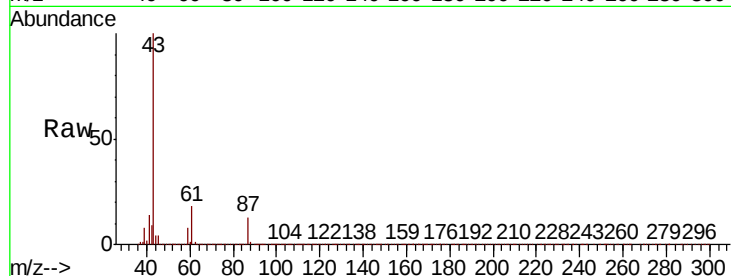
Tot Ion: 43 Resp: 346114

Ion Ratio Lower Upper

43 100

61 19.6 15.8 23.8

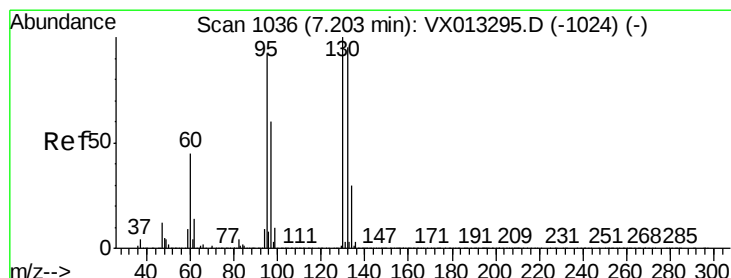
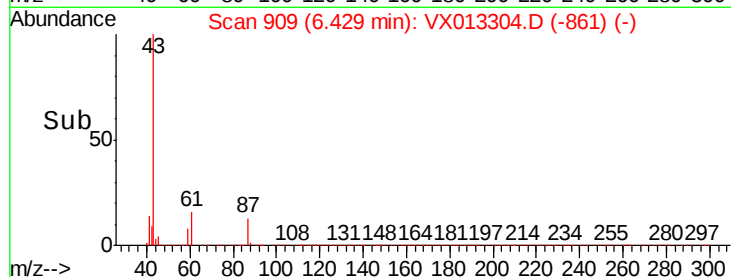
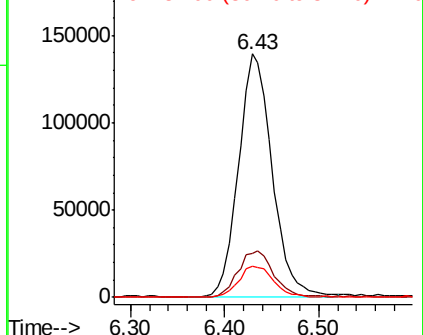
87 13.2 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.531 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013304.D

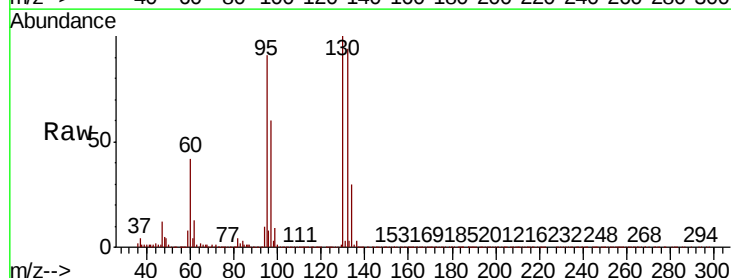
Acq: 01 Nov 2019 12:24

Tgt Ion:130 Resp: 154809

Ion Ratio Lower Upper

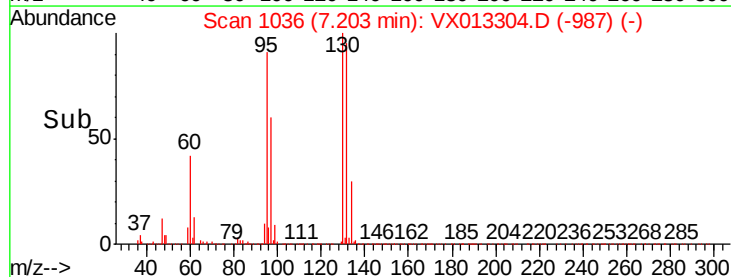
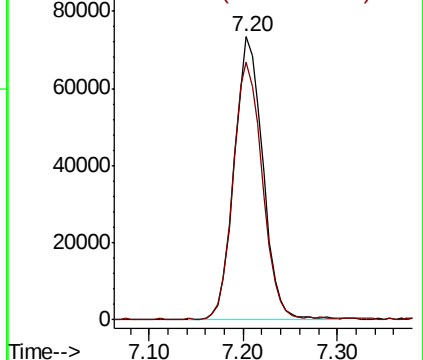
130 100

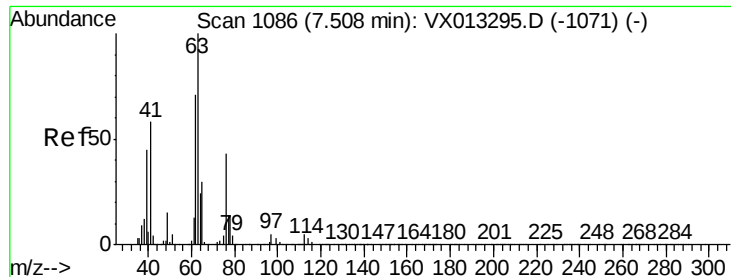
95 90.4 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.886 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

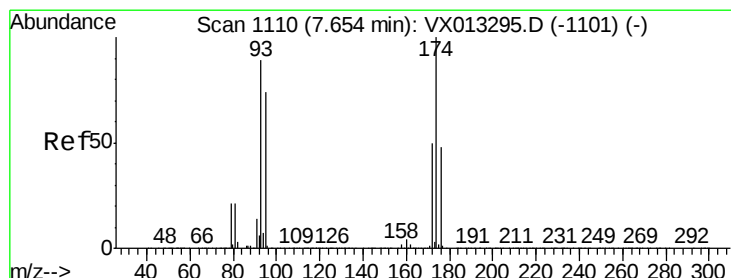
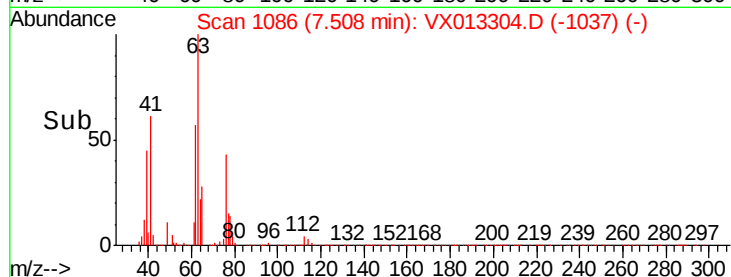
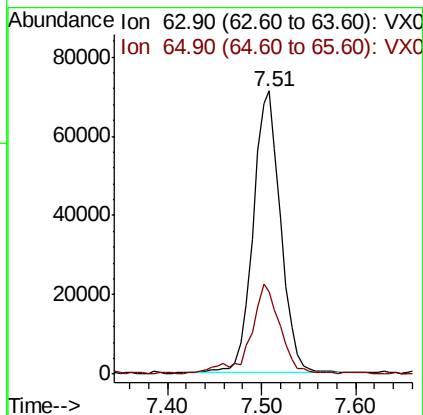
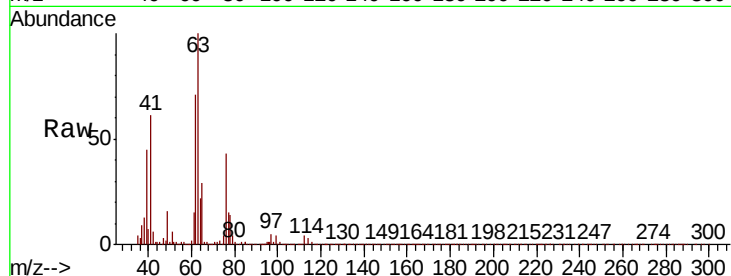
ClientSampleId :

Tot Ion: 63 Resp: 145897

Ion Ratio Lower Upper

63 100

65 28.8 24.3 36.5



#46

Dibromomethane

Concen: 19.806 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

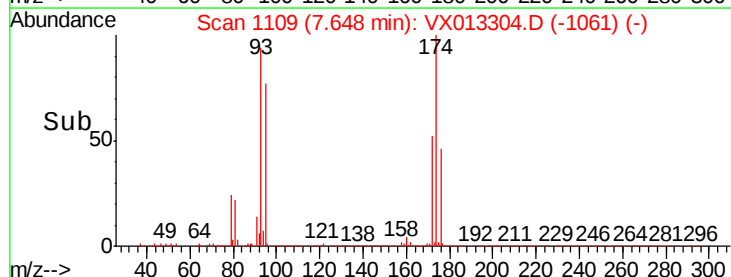
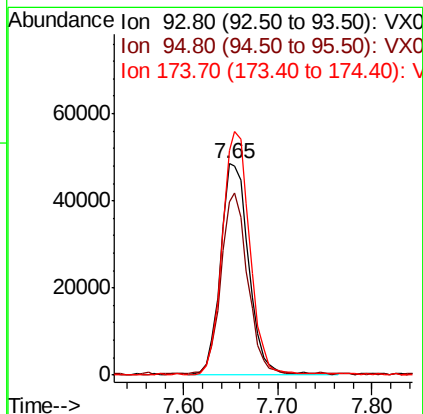
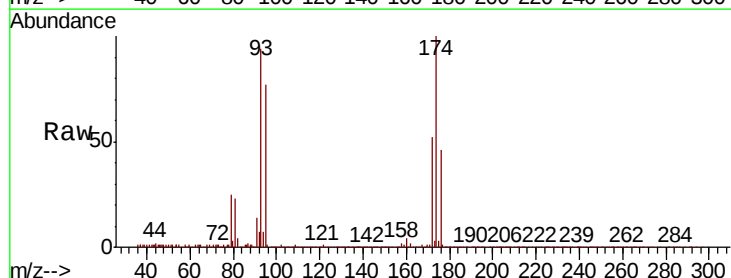
Tgt Ion: 93 Resp: 99219

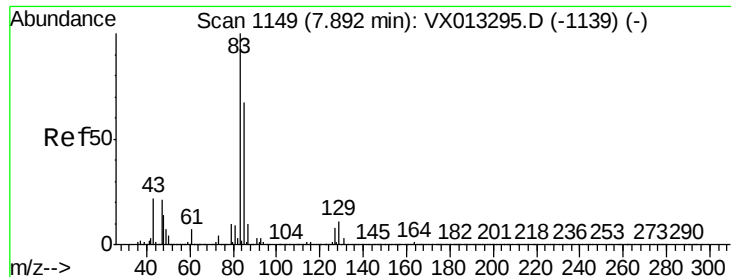
Ion Ratio Lower Upper

93 100

95 81.3 65.8 98.6

174 113.0 90.4 135.6





#47

Bromodichloromethane

Concen: 19.942 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampled :

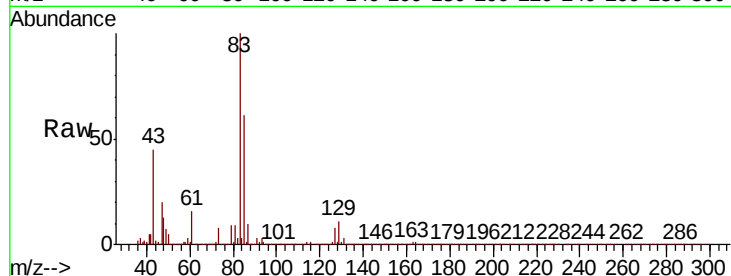
Tot Ion: 83 Resp: 188382

Ion Ratio Lower Upper

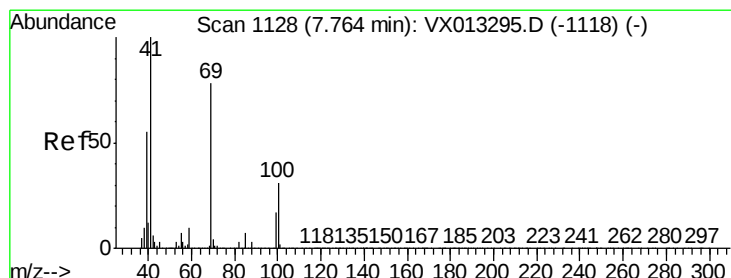
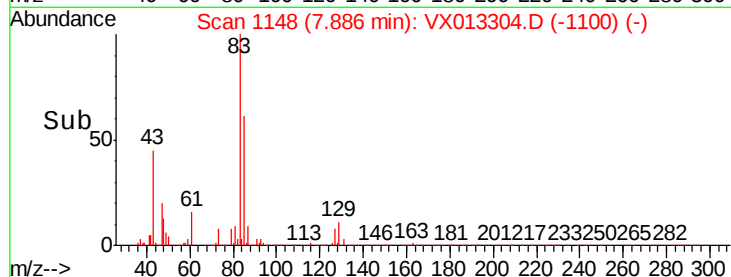
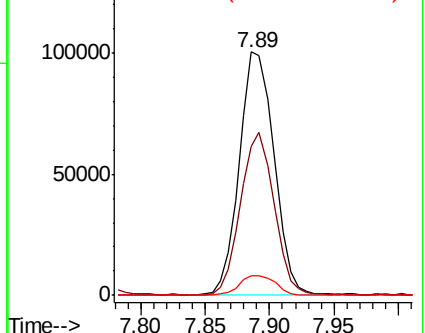
83 100

85 60.9 53.7 80.5

127 7.9 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.120 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

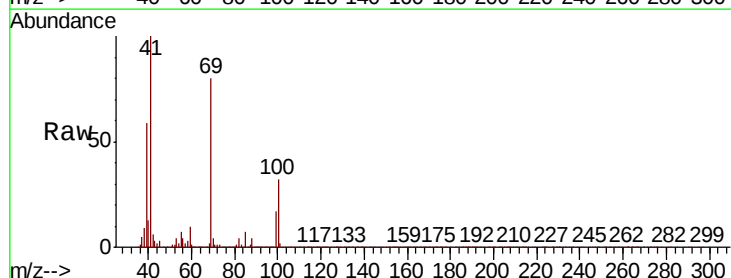
Tgt Ion: 41 Resp: 178646

Ion Ratio Lower Upper

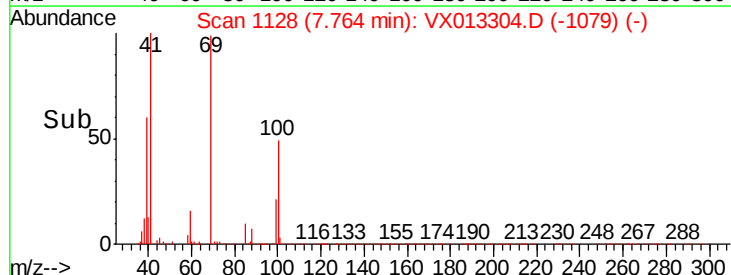
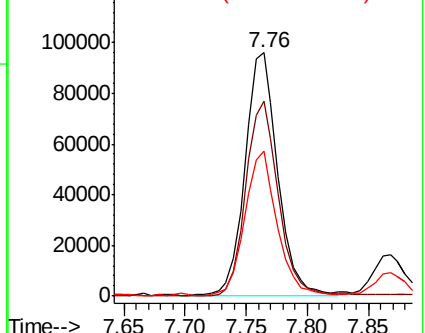
41 100

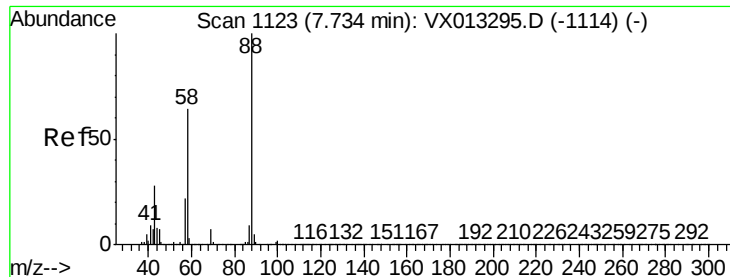
69 79.4 63.0 94.6

39 58.2 45.9 68.9



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

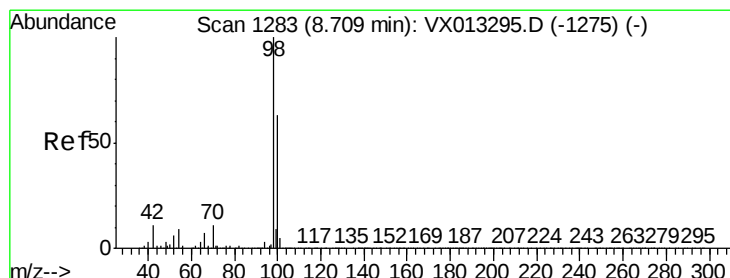
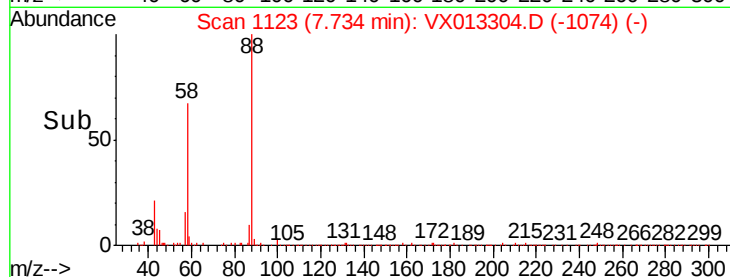
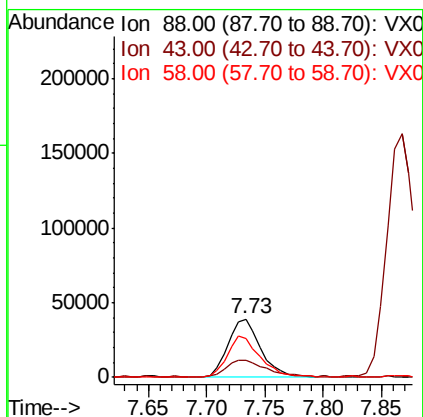
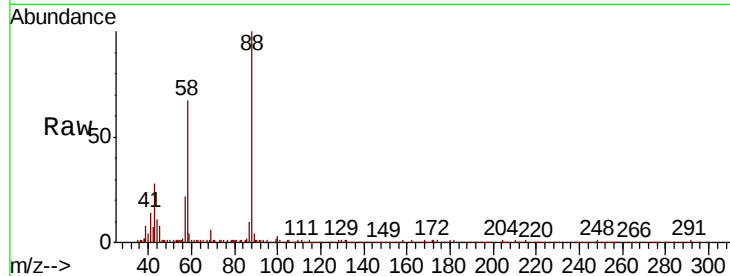




#49
1,4-Dioxane
Concen: 369.369 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

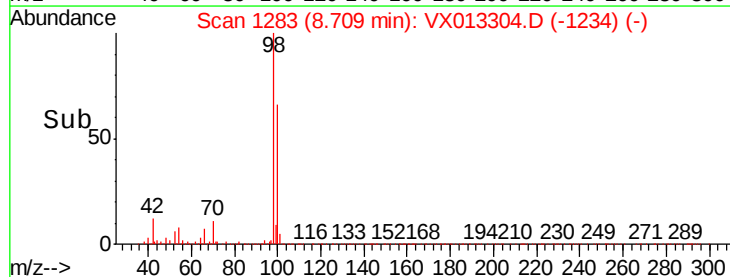
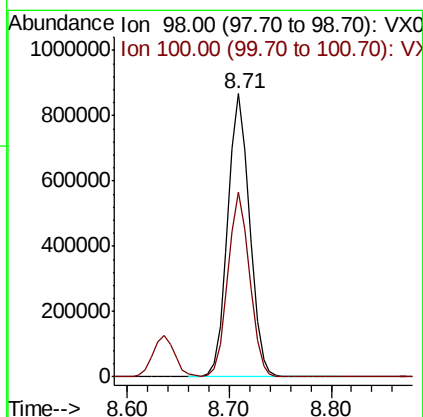
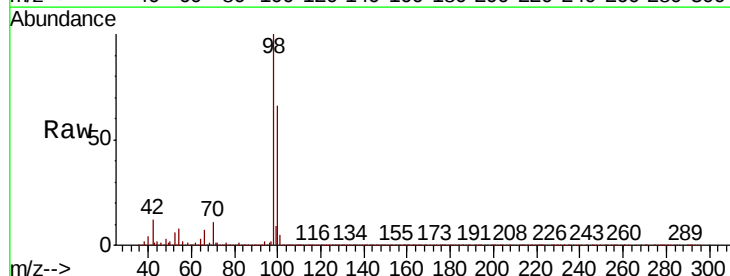
Instrument :
MSVOA_X
ClientSampleId :

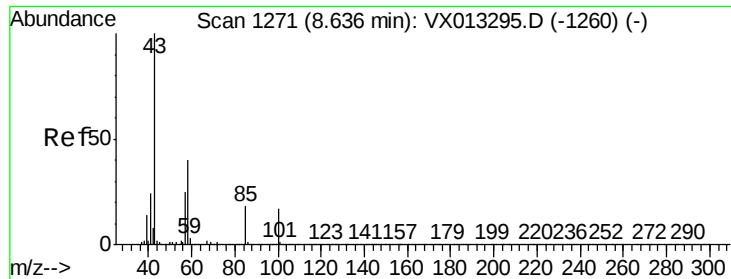
Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	26.6	39.8
58	71.1	55.0	82.6



#50
Toluene-d8
Concen: 50.228 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 97.844 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

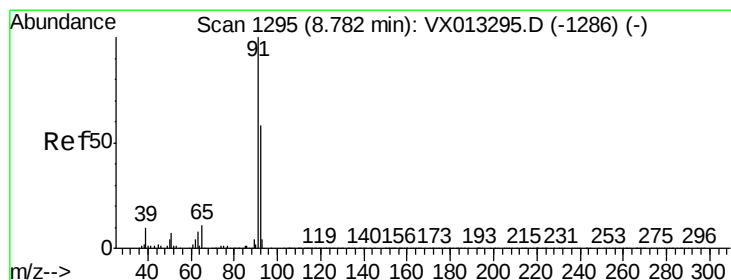
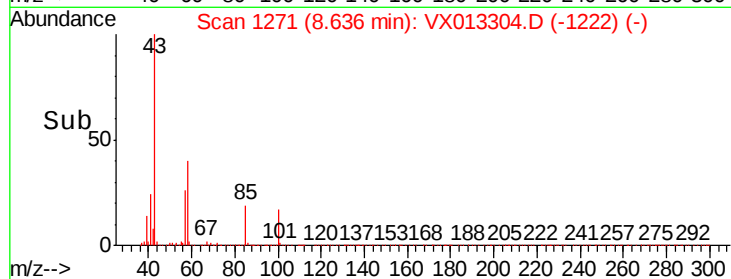
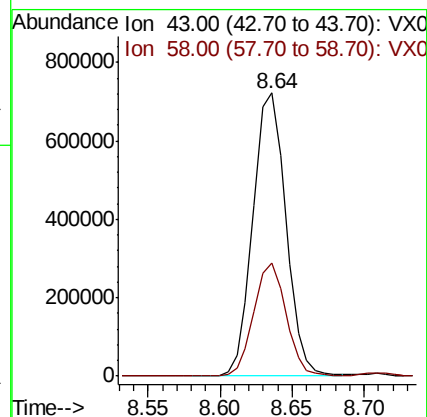
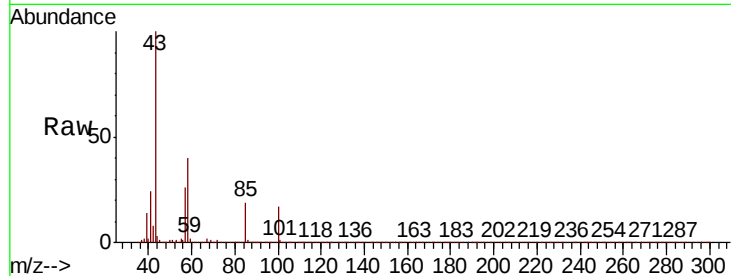
ClientSampleId :

Tot Ion: 43 Resp: 1141820

Ion Ratio Lower Upper

43 100

58 39.3 31.4 47.0



#52

Toluene

Concen: 20.028 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013304.D

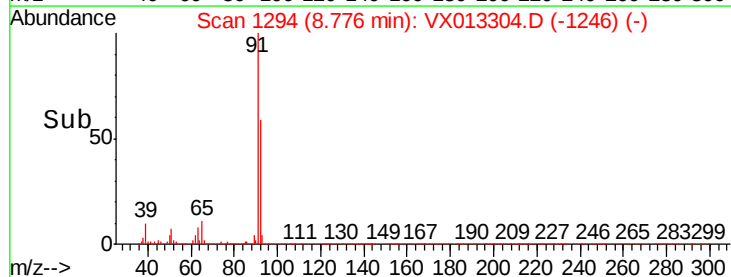
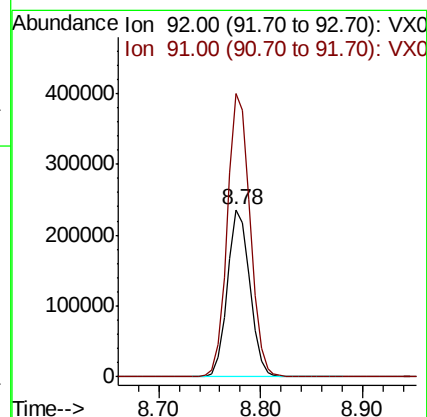
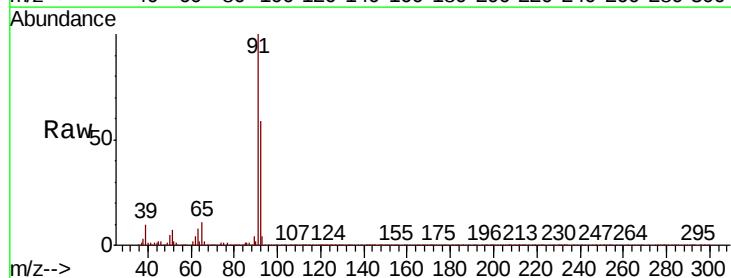
Acq: 01 Nov 2019 12:24

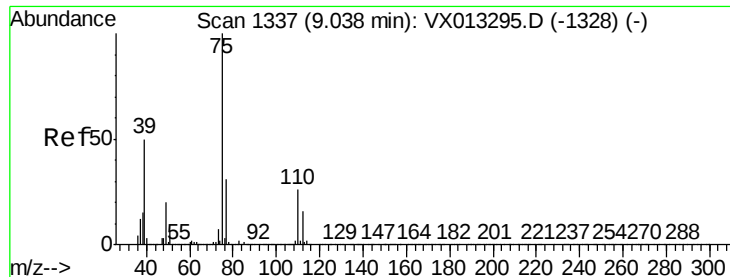
Tgt Ion: 92 Resp: 357446

Ion Ratio Lower Upper

92 100

91 172.6 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 19.630 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

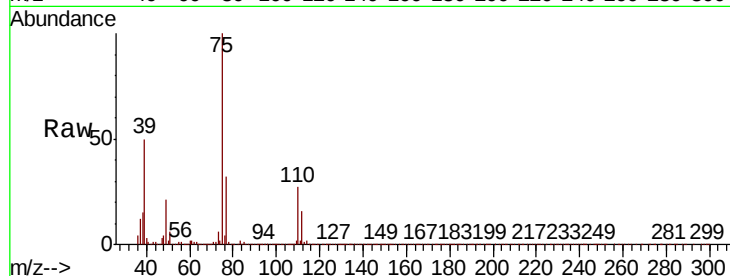
ClientSampled :

Tot Ion: 75 Resp: 202763

Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

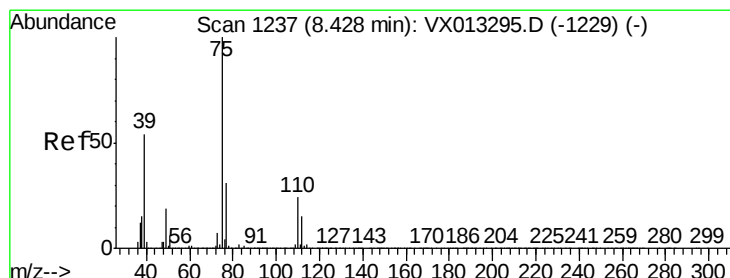
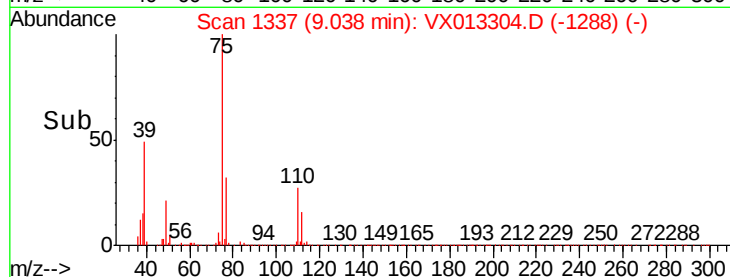
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.674 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

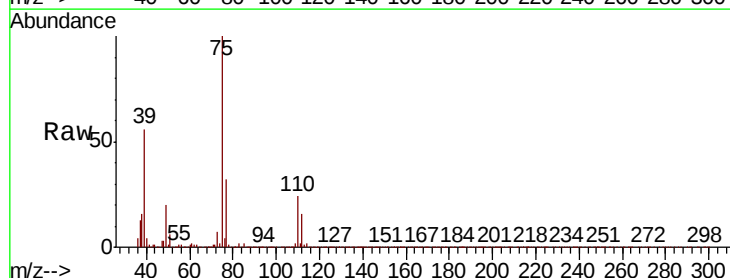
Tgt Ion: 75 Resp: 227323

Ion Ratio Lower Upper

75 100

77 32.3 24.7 37.1

39 55.7 43.0 64.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

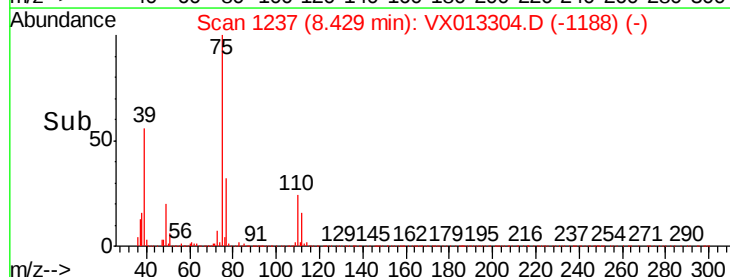
150000

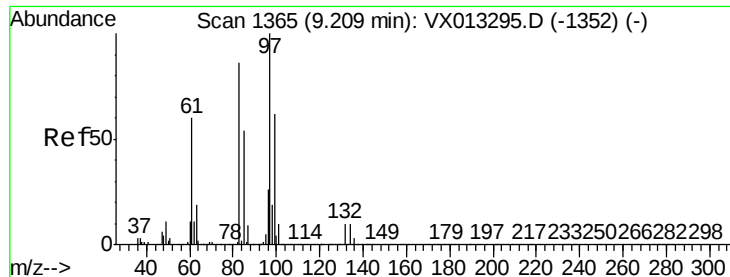
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 19.933 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 147454

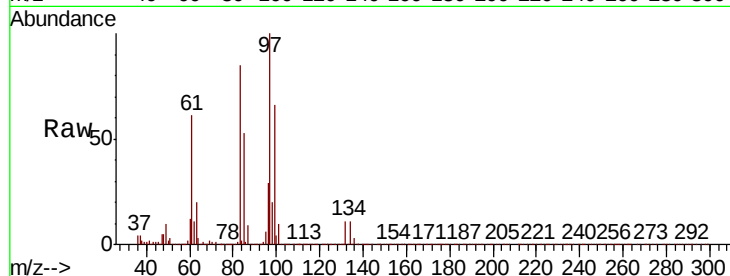
Ion Ratio Lower Upper

97 100

83 85.3 68.6 103.0

85 52.1 43.1 64.7

99 65.5 49.4 74.0

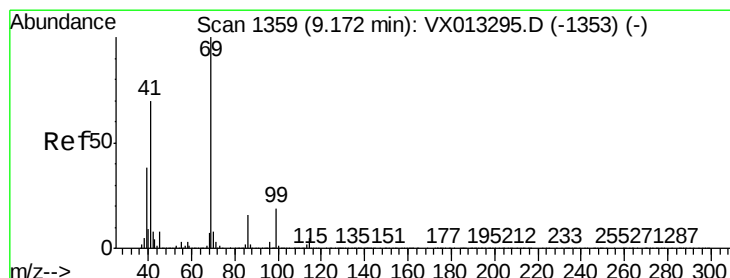
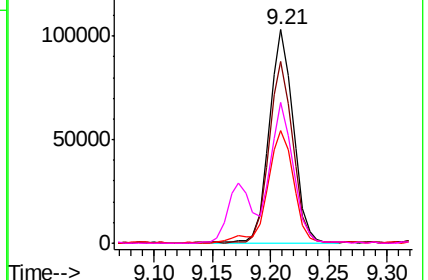
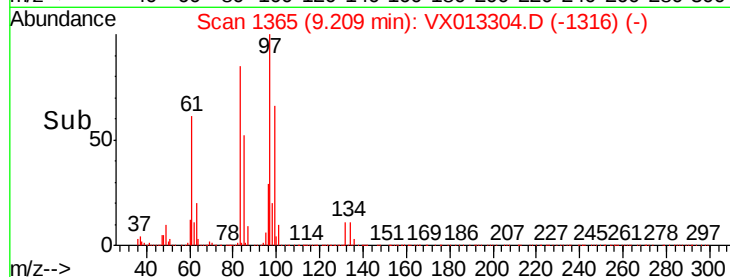


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.851 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

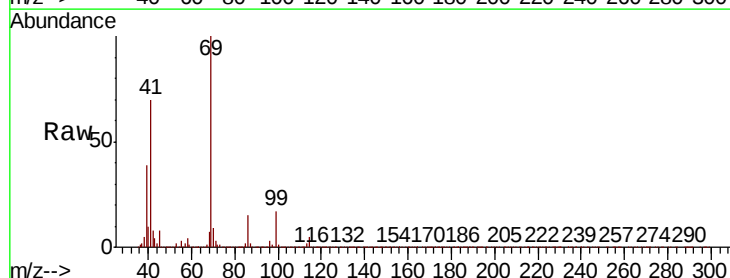
Tgt Ion: 69 Resp: 225369

Ion Ratio Lower Upper

69 100

41 70.5 56.2 84.2

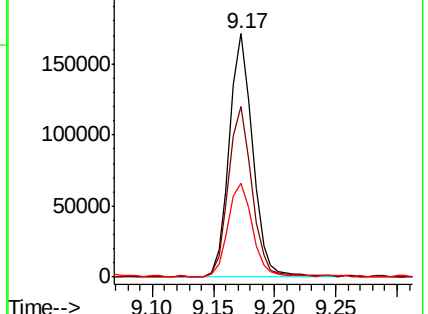
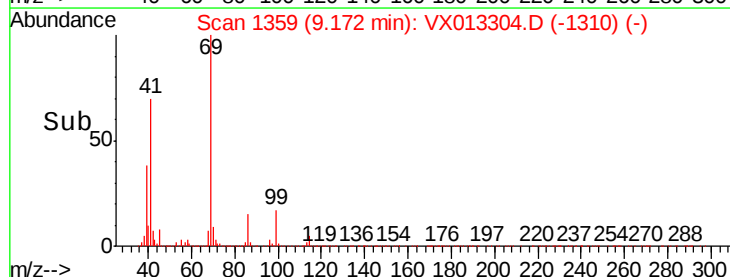
39 39.8 31.1 46.7

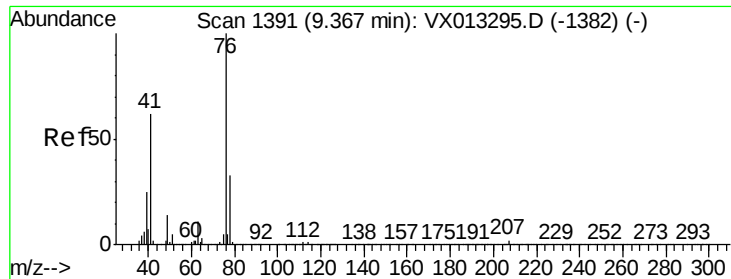


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.147 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

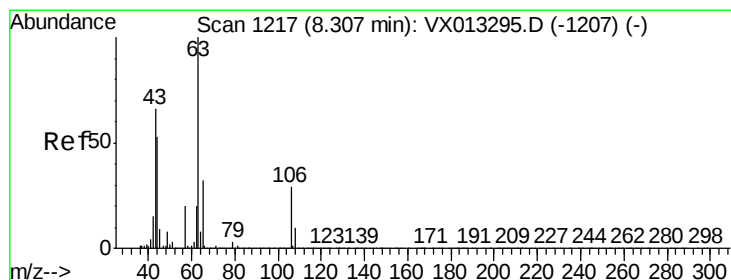
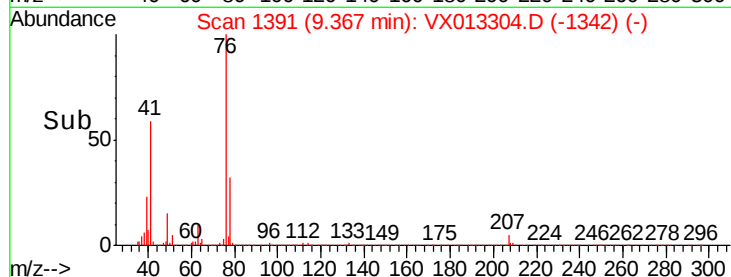
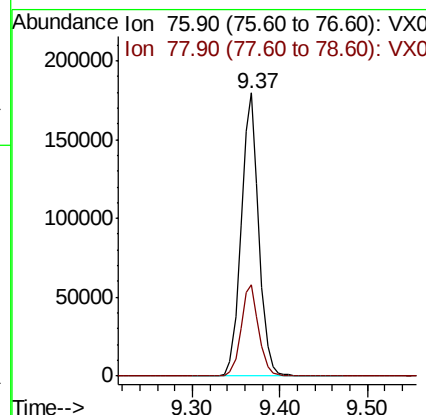
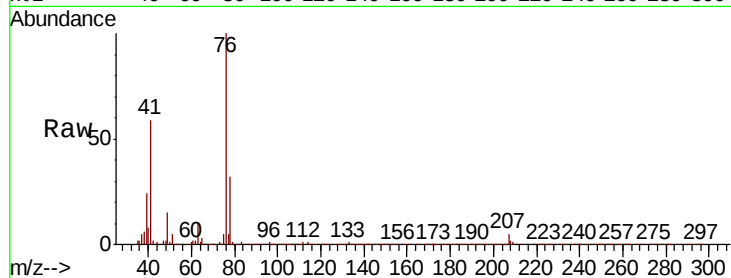
ClientSampleId :

Tot Ion: 76 Resp: 252990

Ion Ratio Lower Upper

76 100

78 31.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 101.416 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013304.D

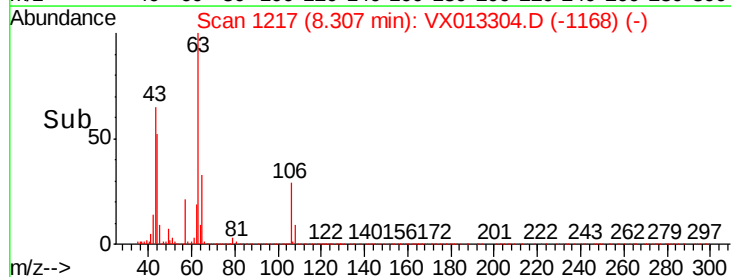
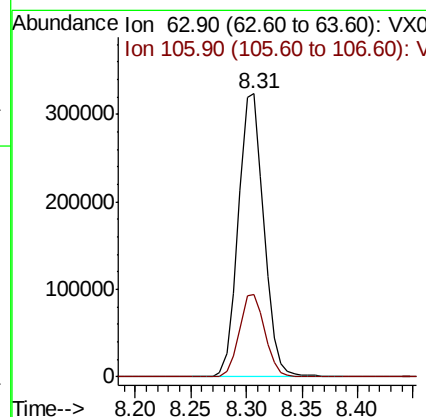
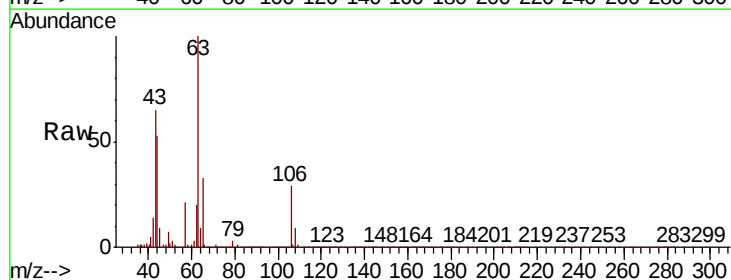
Acq: 01 Nov 2019 12:24

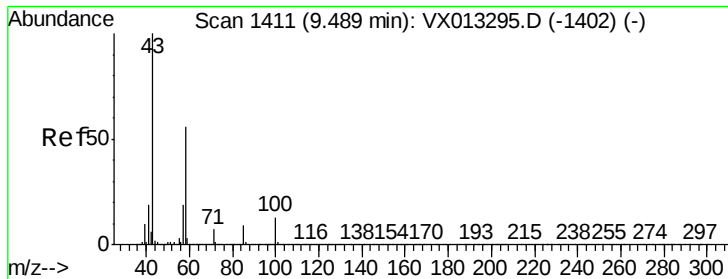
Tgt Ion: 63 Resp: 512960

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.2

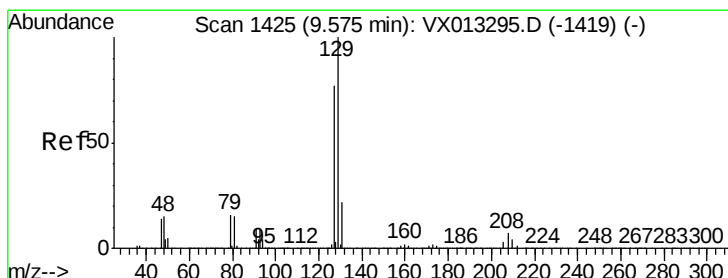
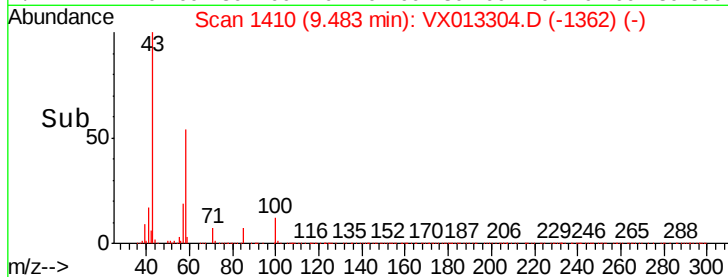
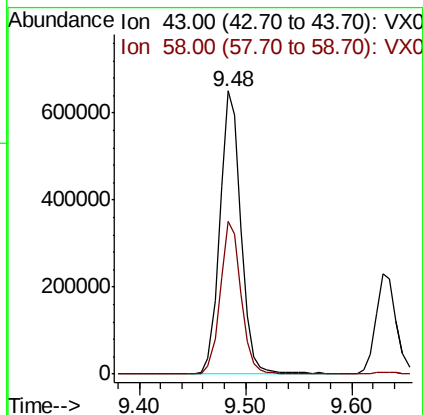
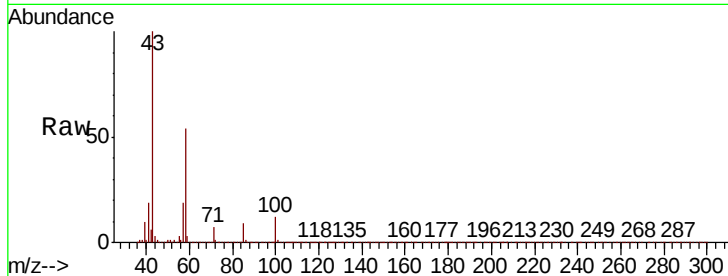




#59
2-Hexanone
Concen: 99.062 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

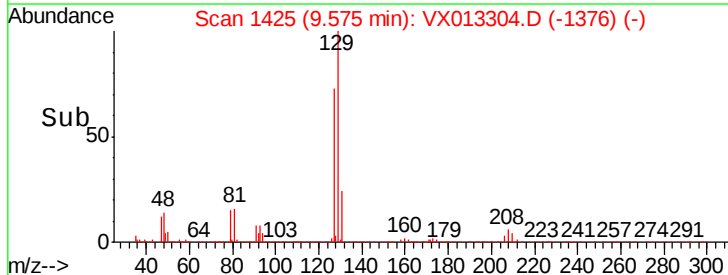
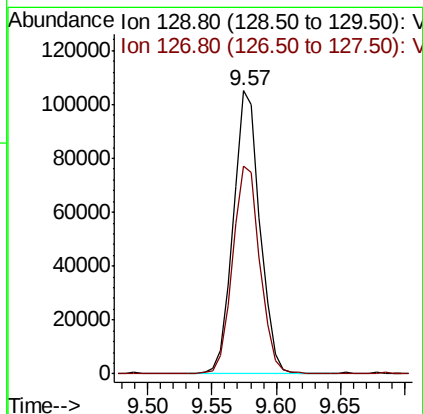
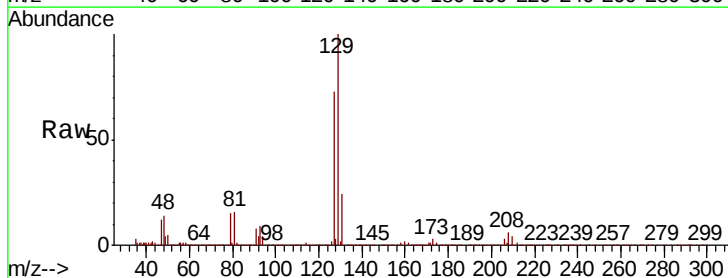
Instrument :
MSVOA_X
ClientSampleId :

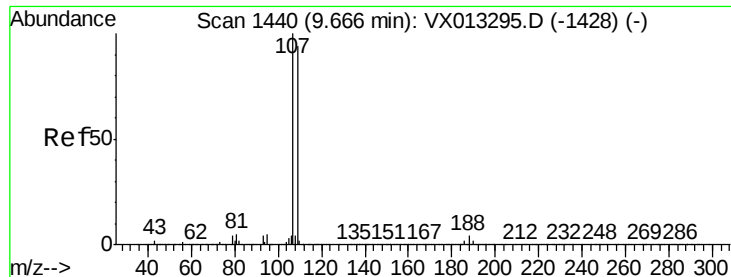
Tot Ion: 43 Resp: 893359
Ion Ratio Lower Upper
43 100
58 53.6 27.3 81.8



#60
Dibromochloromethane
Concen: 19.914 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion: 129 Resp: 150661
Ion Ratio Lower Upper
129 100
127 75.3 39.1 117.2

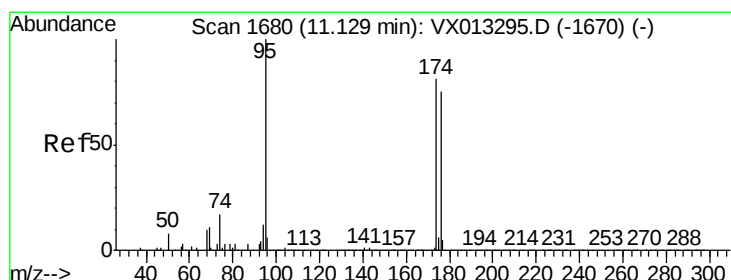
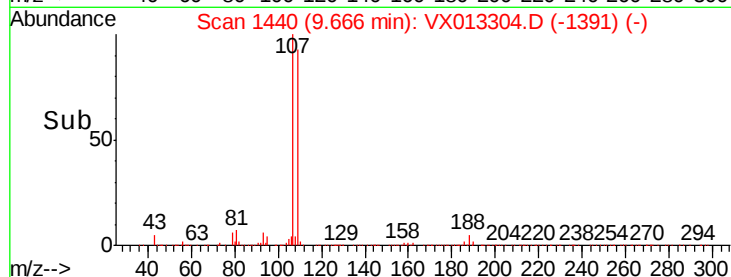
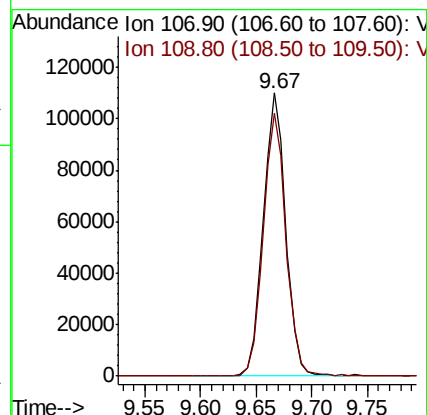
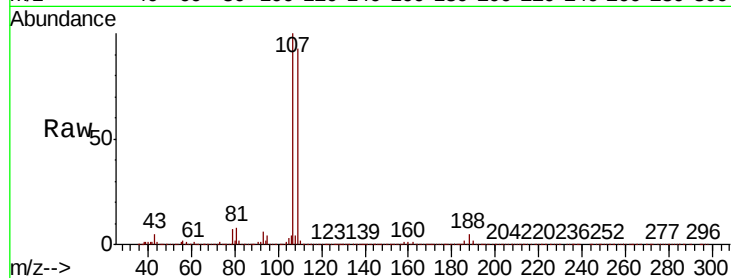




#61
 1,2-Dibromoethane
 Concen: 19.844 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

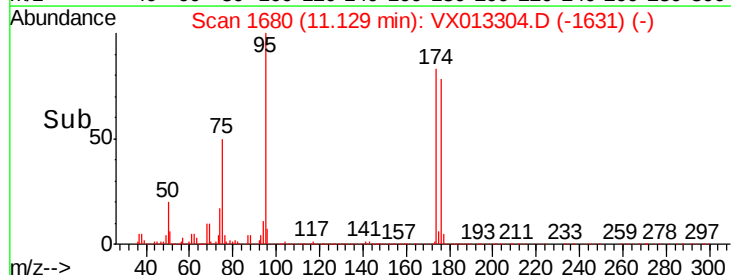
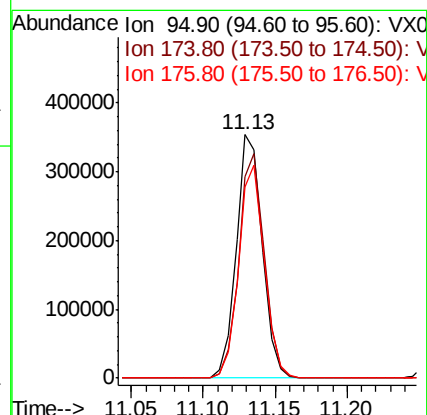
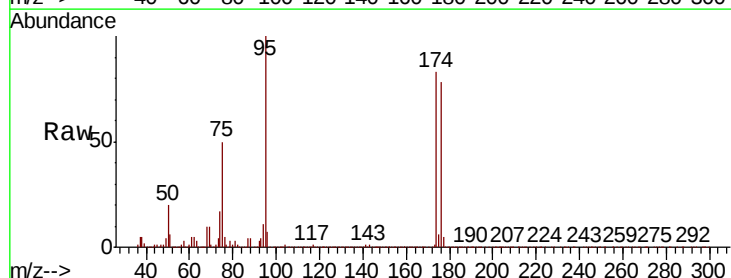
Instrument :
 MSVOA_X
 ClientSampleId :

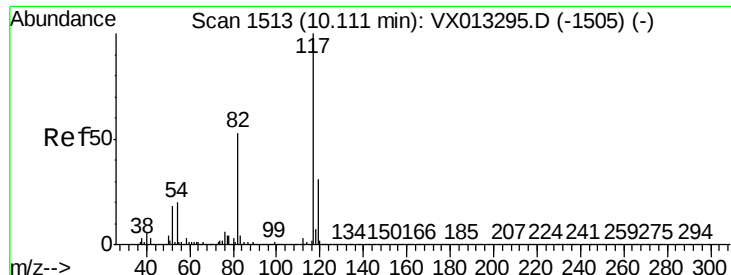
Tot Ion: 107 Resp: 155874
 Ion Ratio Lower Upper
 107 100
 109 92.7 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 48.676 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

Tgt Ion: 95 Resp: 447606
 Ion Ratio Lower Upper
 95 100
 174 90.1 0.0 179.8
 176 86.1 0.0 173.0

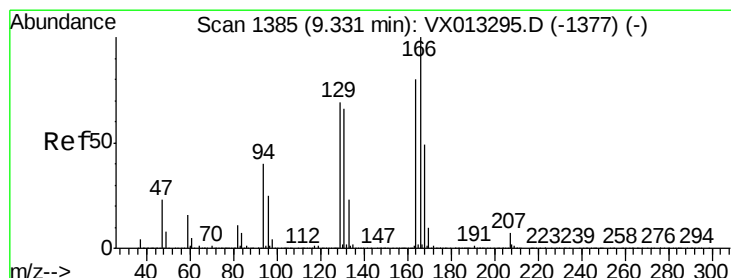
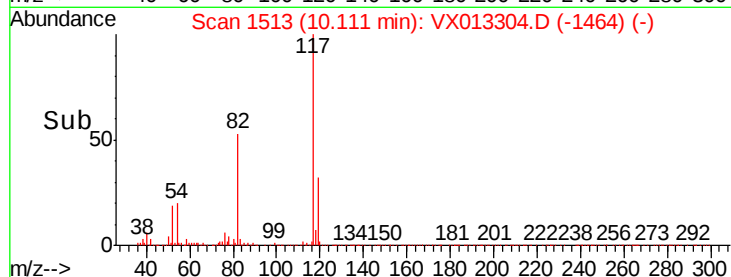
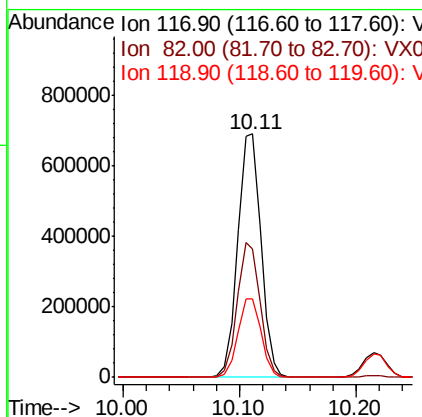
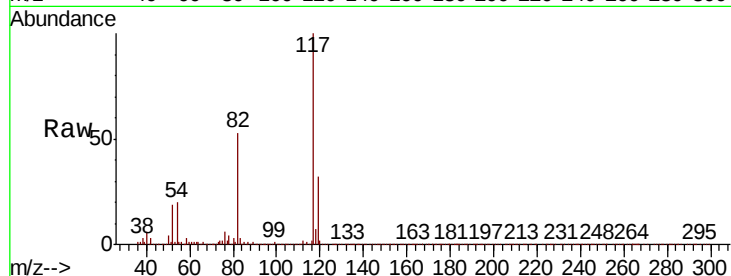




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

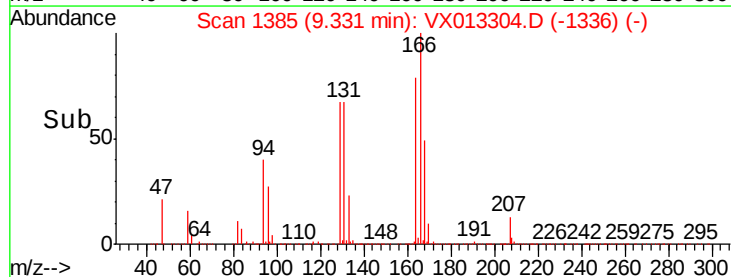
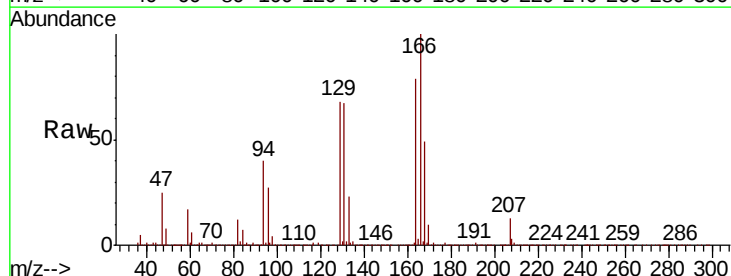
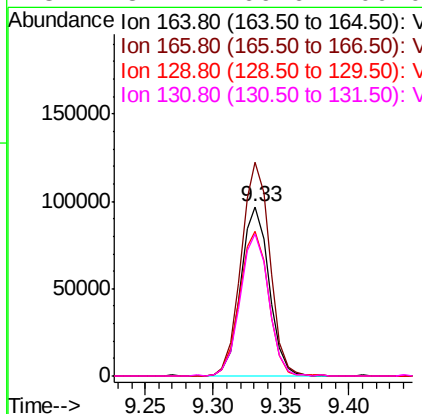
Instrument :
MSVOA_X
ClientSampled :

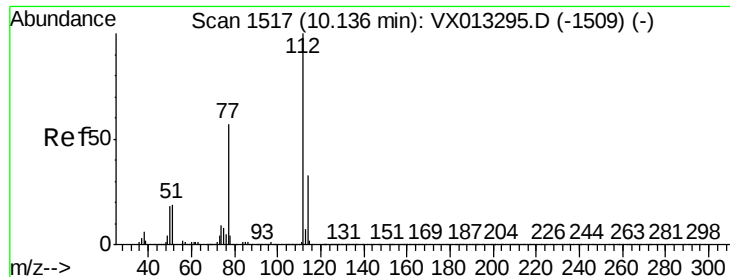
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.6	64.0
119	32.2	24.8	37.2



#64
Tetrachloroethene
Concen: 20.390 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	100.4	150.6
129	85.2	69.4	104.2
131	84.1	66.6	100.0





#65

Chlorobenzene

Concen: 19.830 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

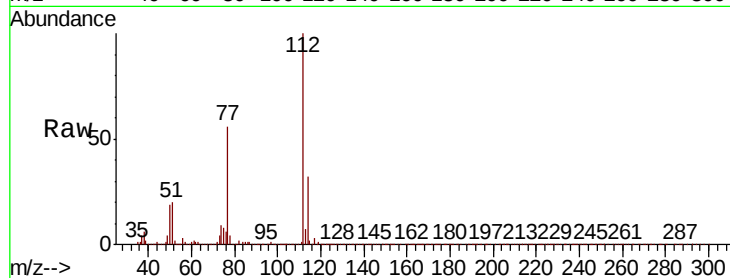
ClientSampleId :

Tot Ion:112 Resp: 387698

Ion Ratio Lower Upper

112 100

114 32.4 26.4 39.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

300000

250000

200000

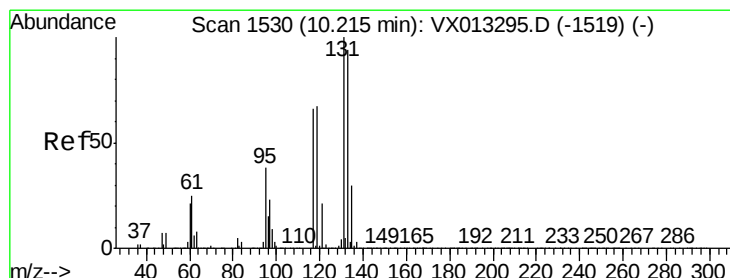
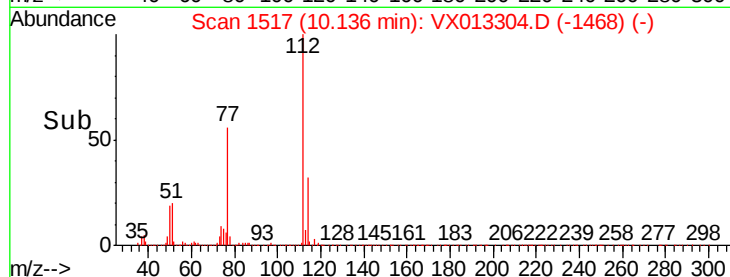
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.884 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

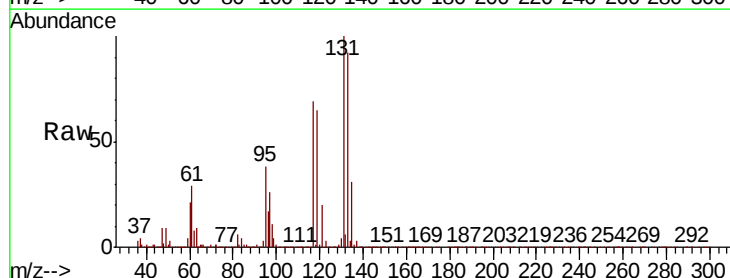
Tgt Ion:131 Resp: 142737

Ion Ratio Lower Upper

131 100

133 94.0 48.0 144.0

119 64.7 33.0 99.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

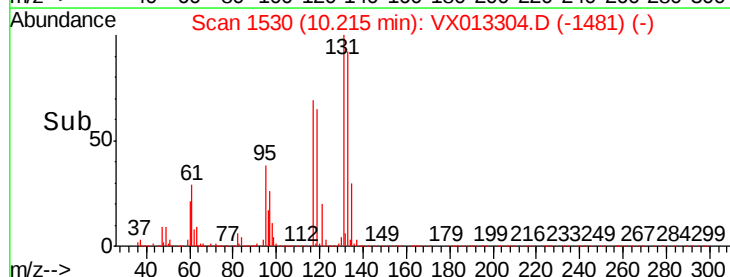
150000

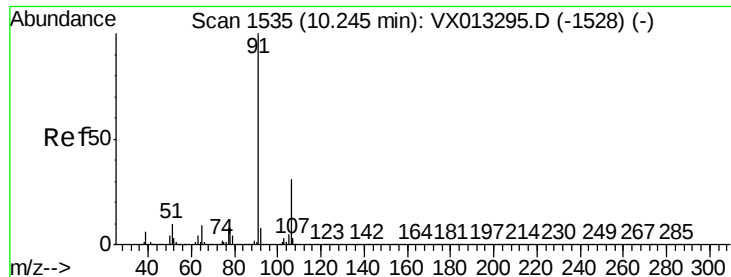
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 20.043 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

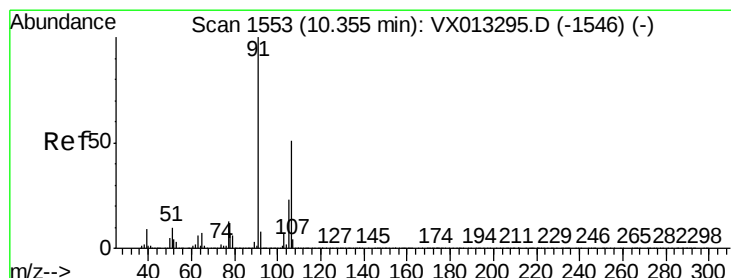
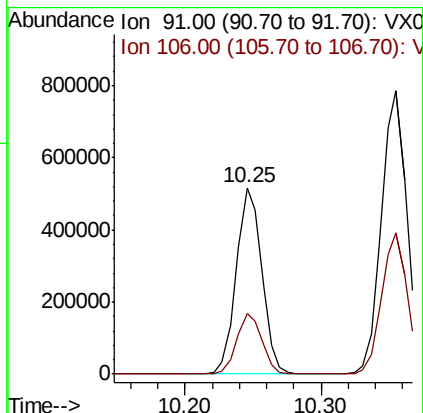
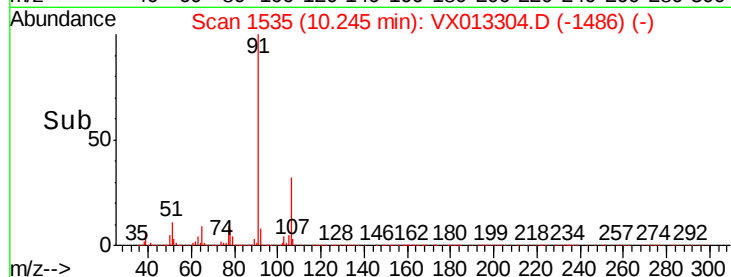
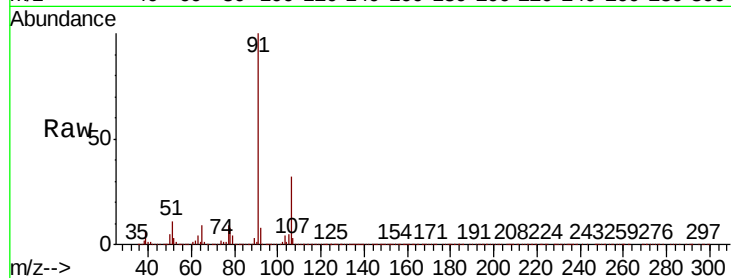
ClientSampleId :

Tot Ion: 91 Resp: 676297

Ion Ratio Lower Upper

91 100

106 32.3 24.6 36.8



#68

m/p-Xylenes

Concen: 40.334 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013304.D

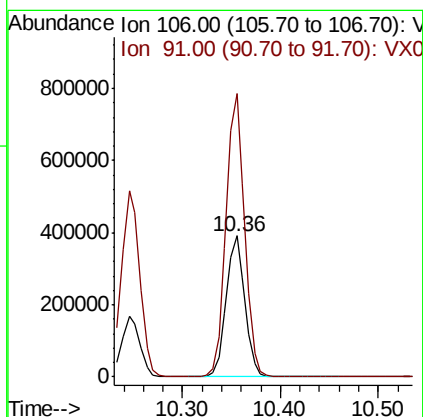
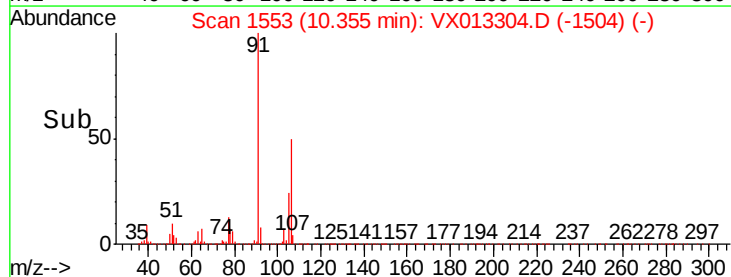
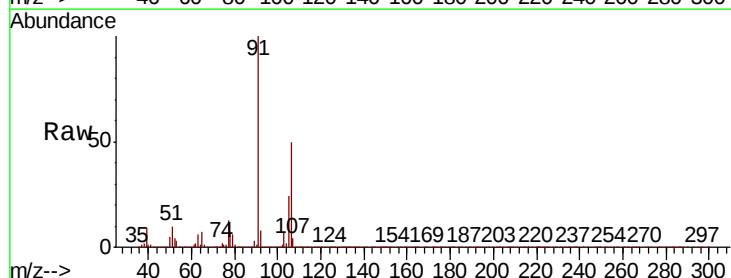
Acq: 01 Nov 2019 12:24

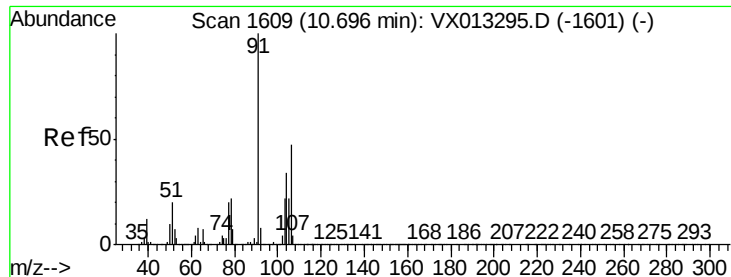
Tgt Ion: 106 Resp: 514706

Ion Ratio Lower Upper

106 100

91 200.1 159.3 238.9

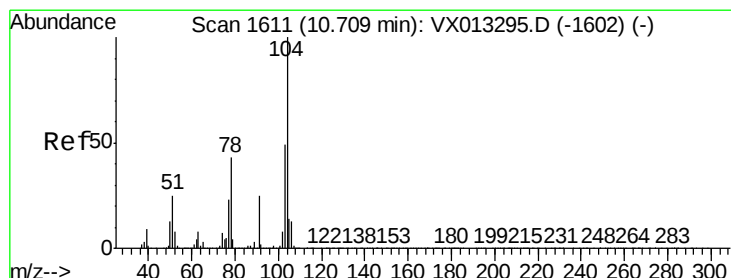
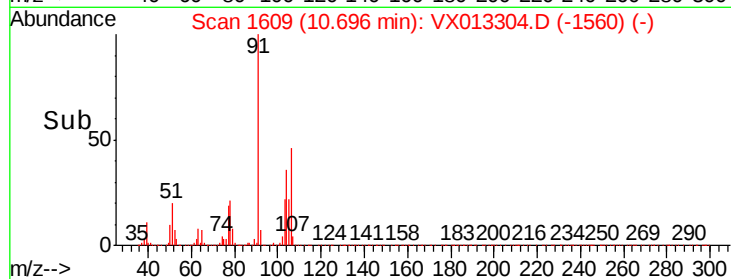
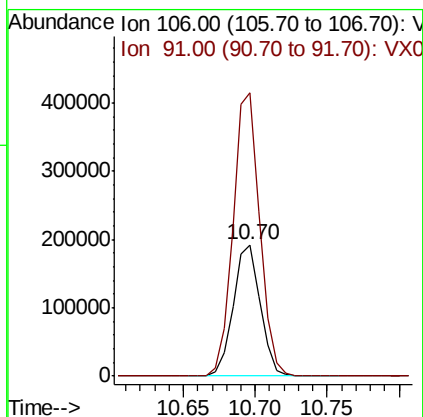
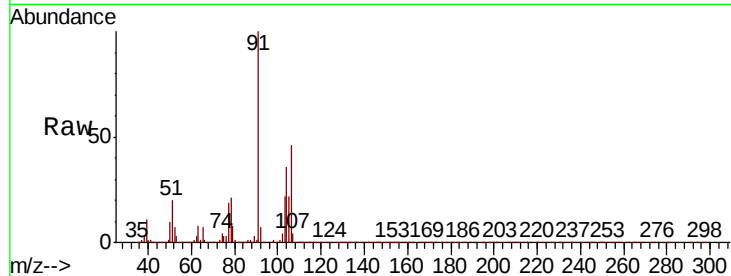




#69
o-Xylene
Concen: 20.144 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

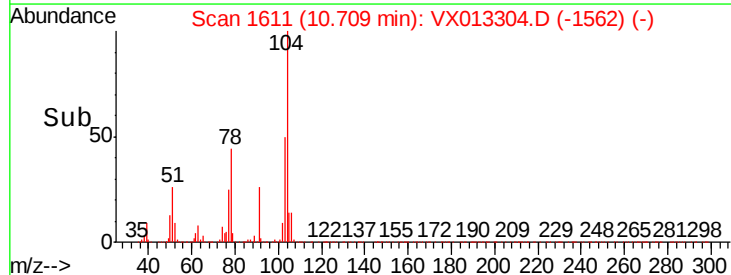
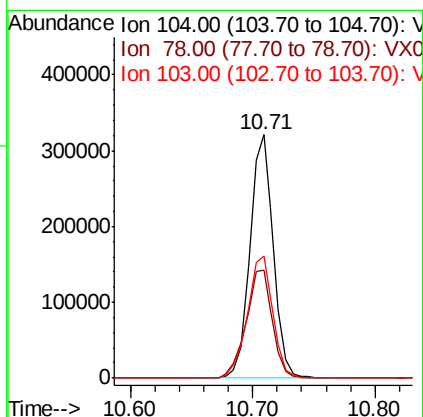
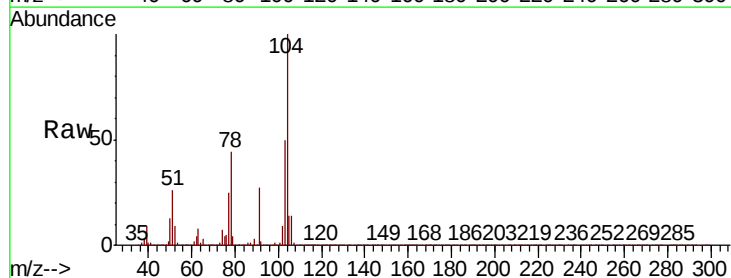
Instrument :
MSVOA_X
ClientSampleId :

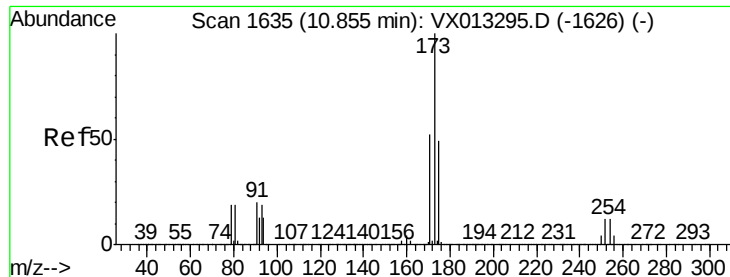
Tot Ion:106 Resp: 251664
Ion Ratio Lower Upper
106 100
91 213.5 105.7 317.0



#70
Styrene
Concen: 20.359 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion:104 Resp: 425179
Ion Ratio Lower Upper
104 100
78 49.7 40.0 60.0
103 54.8 44.1 66.1





#71

Bromoform

Concen: 18.951 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

ClientSampled :

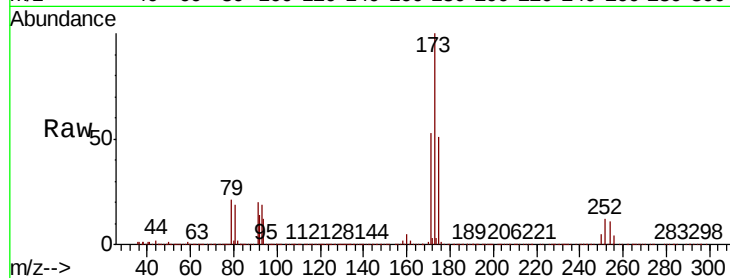
Tot Ion:173 Resp: 111991

Ion Ratio Lower Upper

173 100

175 48.0 24.8 74.4

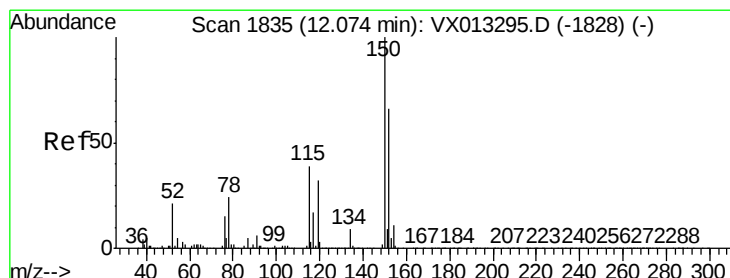
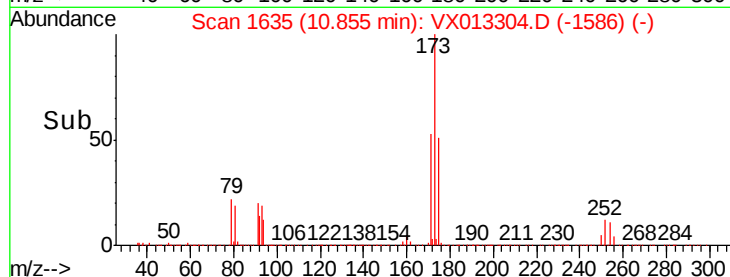
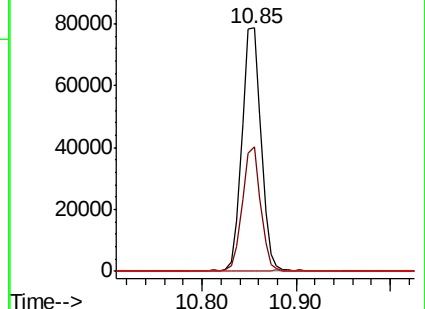
254 0.0 0.2 0.2#



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: VX013304.D

Acq: 01 Nov 2019 12:24

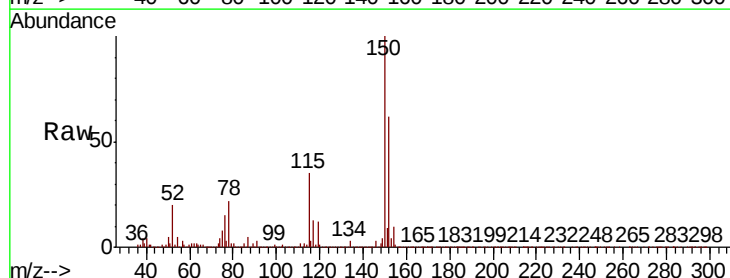
Tgt Ion:152 Resp: 478722

Ion Ratio Lower Upper

152 100

115 63.9 39.5 118.3

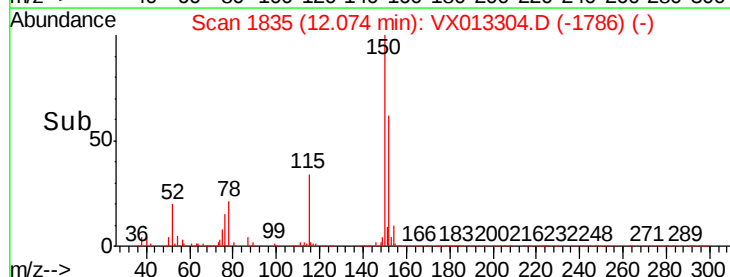
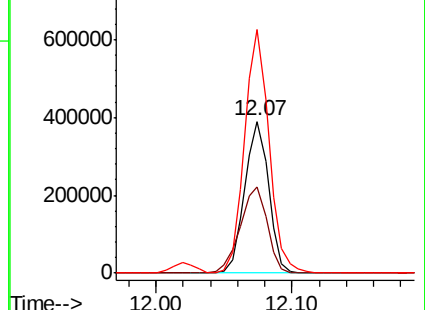
150 164.6 0.0 344.4

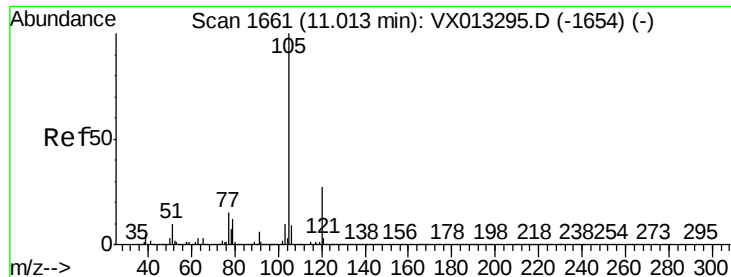


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.123 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

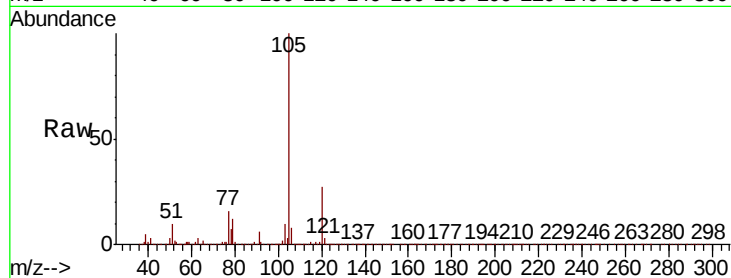
ClientSampleId :

Tot Ion:105 Resp: 670455

Ion Ratio Lower Upper

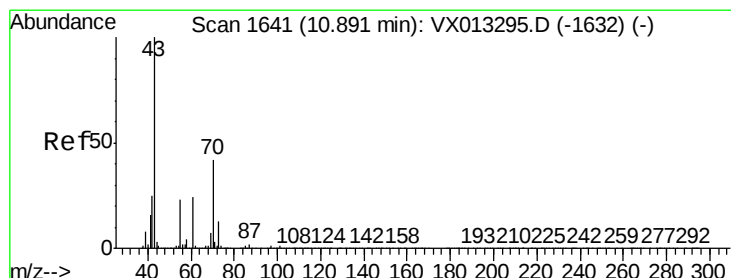
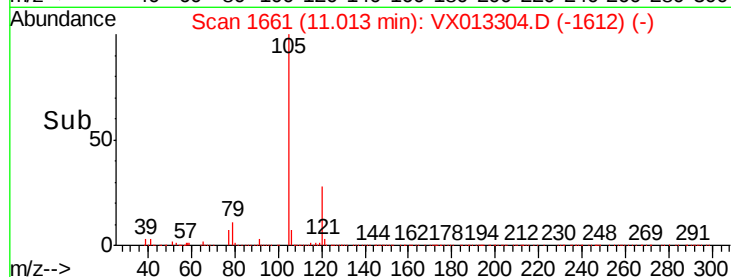
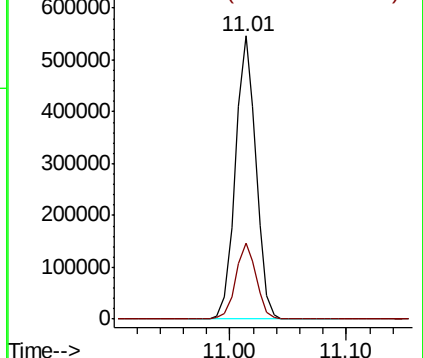
105 100

120 26.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.996 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Tgt Ion: 43 Resp: 309038

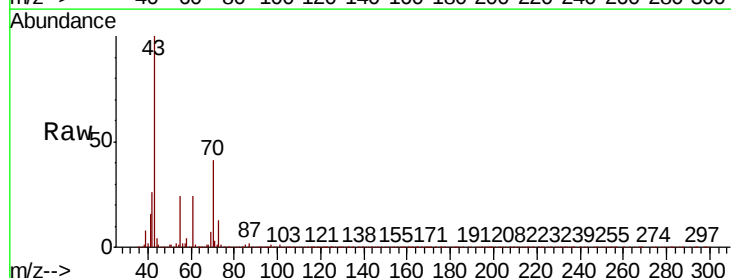
Ion Ratio Lower Upper

43 100

70 41.5 34.1 51.1

55 23.3 18.9 28.3

61 24.6 19.2 28.8

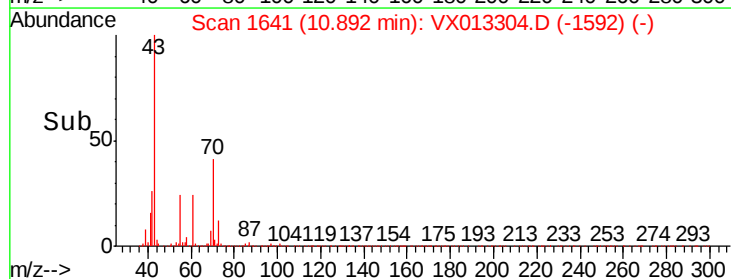
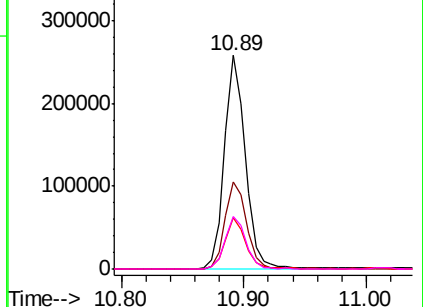


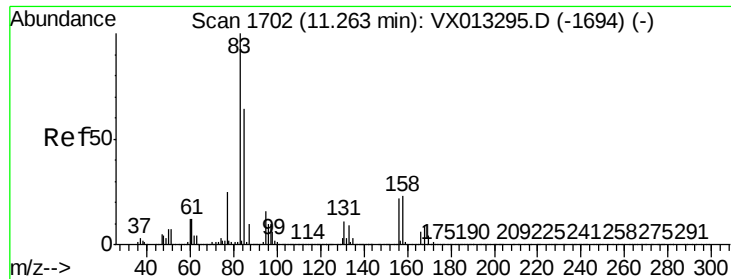
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.251 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

ClientSampled :

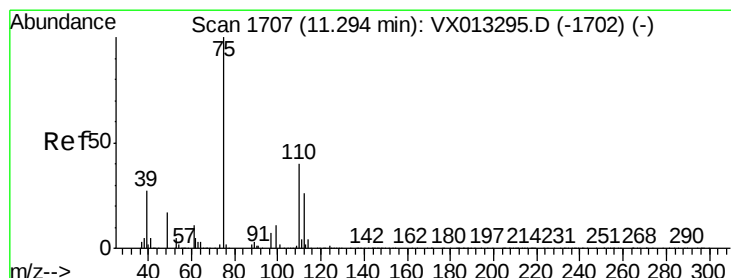
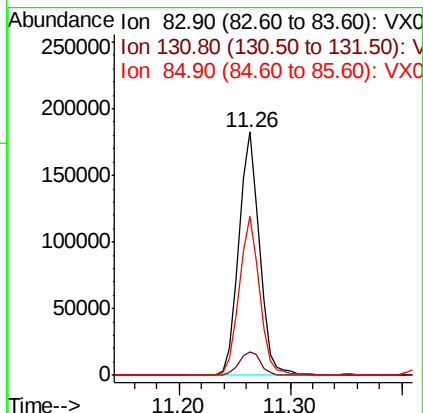
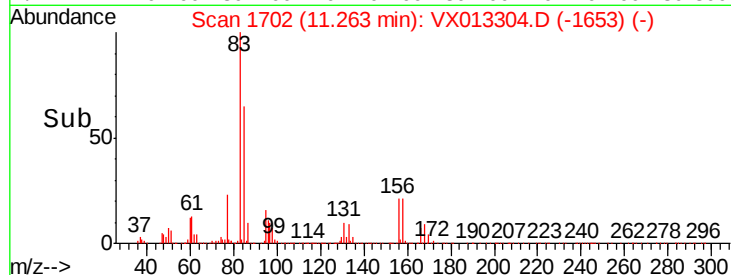
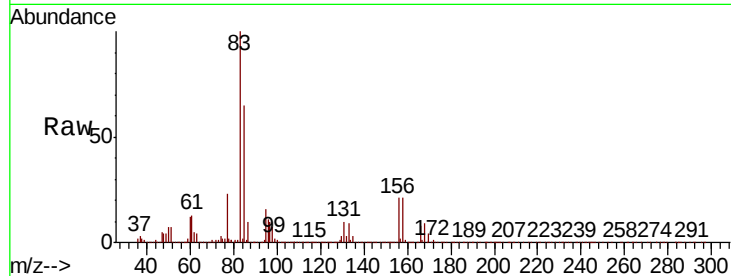
Tot Ion: 83 Resp: 234493

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

85 64.9 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 26.742 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013304.D

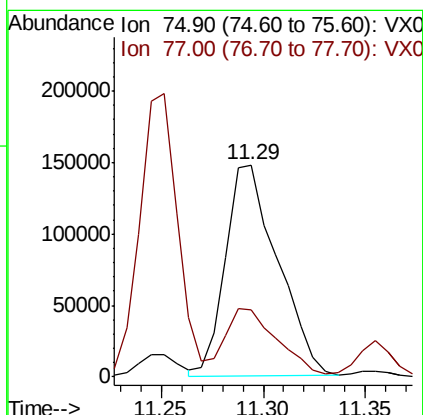
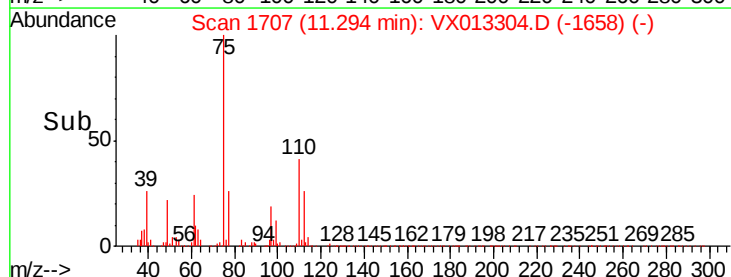
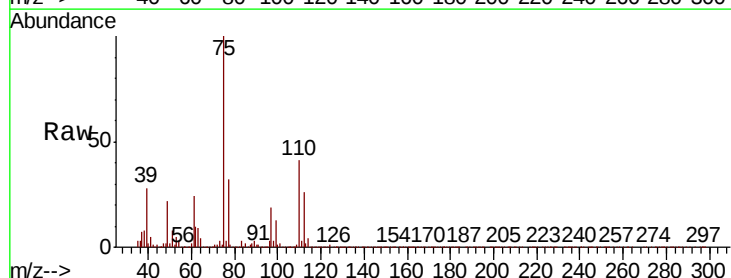
Acq: 01 Nov 2019 12:24

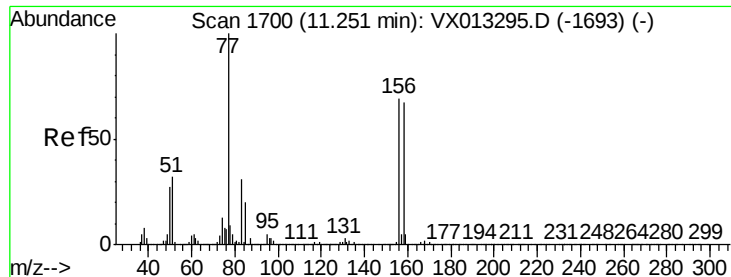
Tgt Ion: 75 Resp: 260028

Ion Ratio Lower Upper

75 100

77 33.0 22.3 66.8





#77

Bromobenzene

Concen: 20.954 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

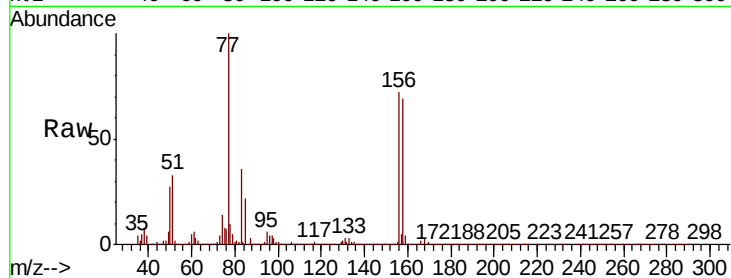
Tot Ion:156 Resp: 177300

Ion Ratio Lower Upper

156 100

77 143.7 75.8 227.4

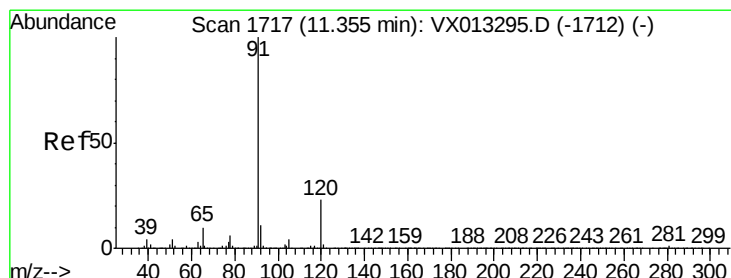
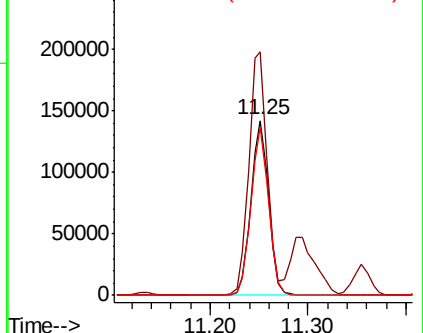
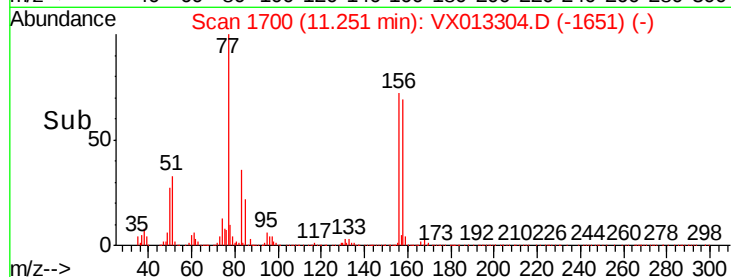
158 95.6 47.6 142.8



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: 21.099 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013304.D

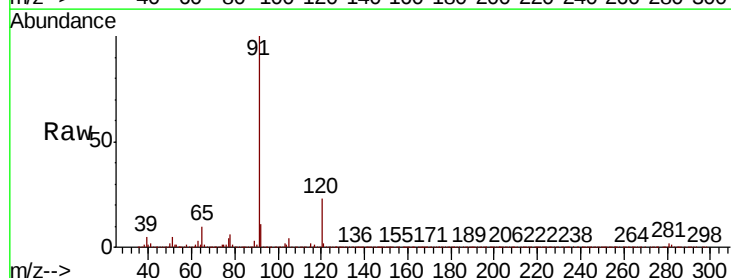
Acq: 01 Nov 2019 12:24

Tgt Ion: 91 Resp: 745970

Ion Ratio Lower Upper

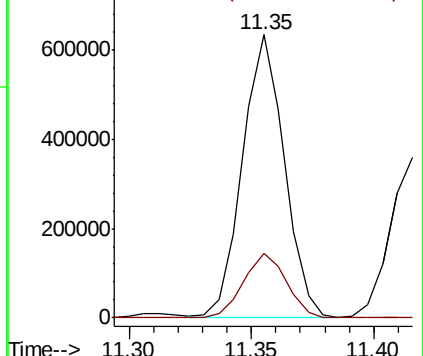
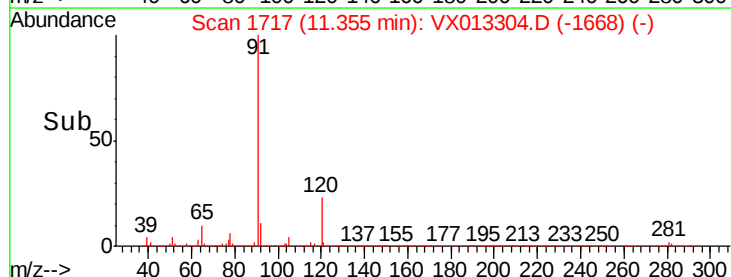
91 100

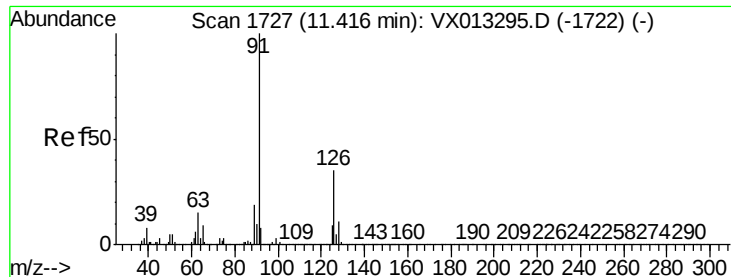
120 23.5 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.881 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

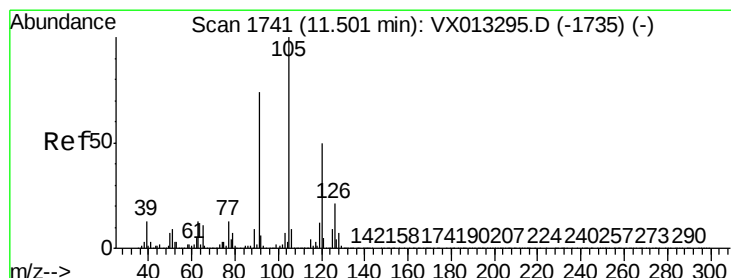
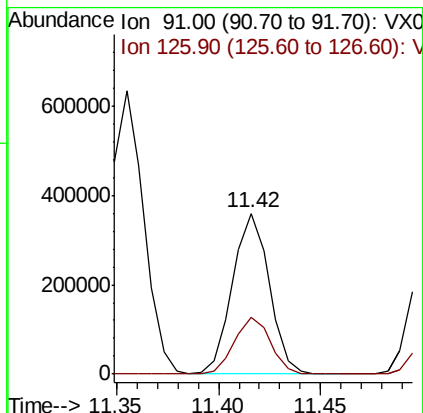
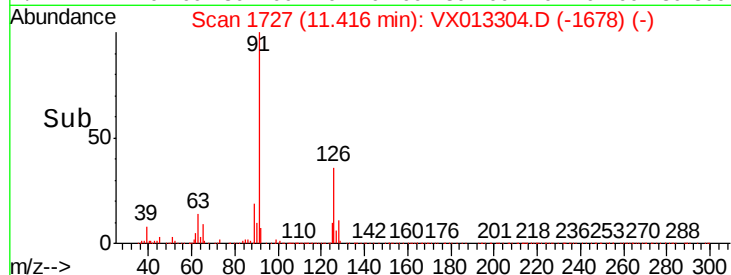
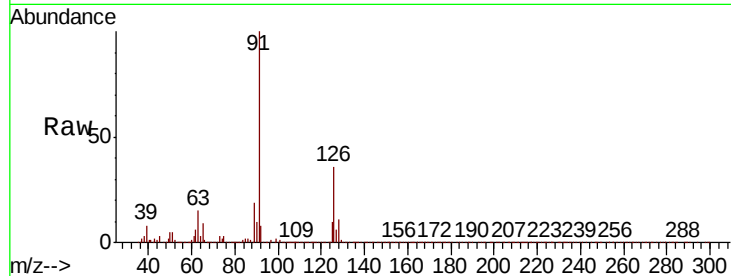
ClientSampleId :

Tot Ion: 91 Resp: 444813

Ion Ratio Lower Upper

91 100

126 35.4 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 21.047 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013304.D

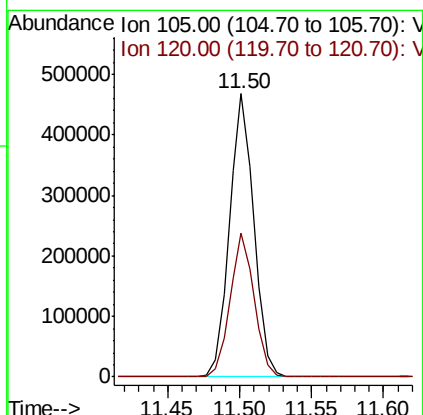
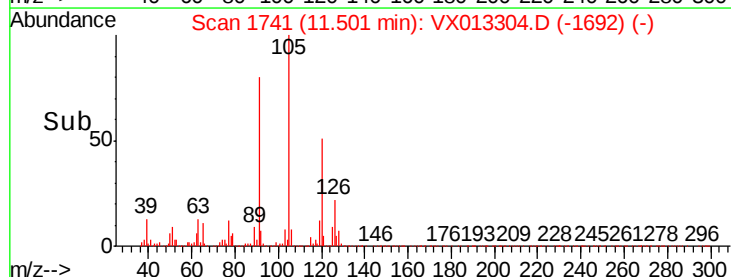
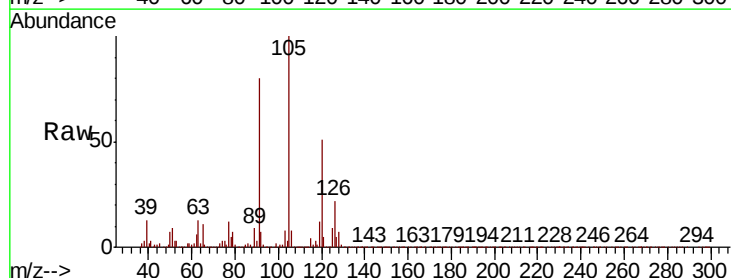
Acq: 01 Nov 2019 12:24

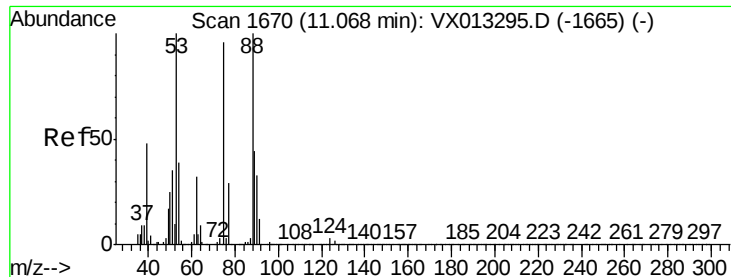
Tgt Ion: 105 Resp: 556423

Ion Ratio Lower Upper

105 100

120 50.4 24.9 74.8

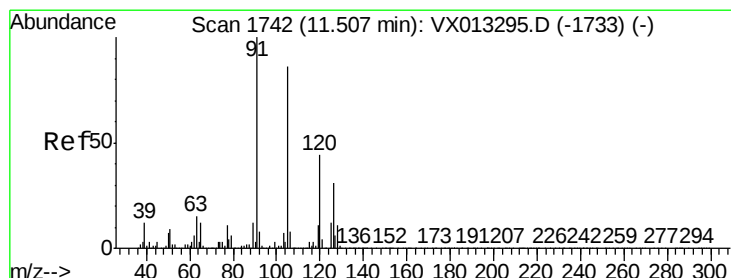
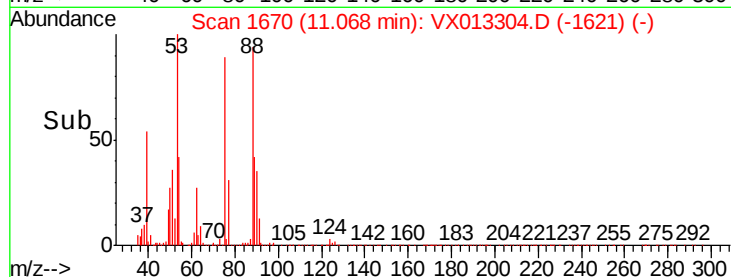
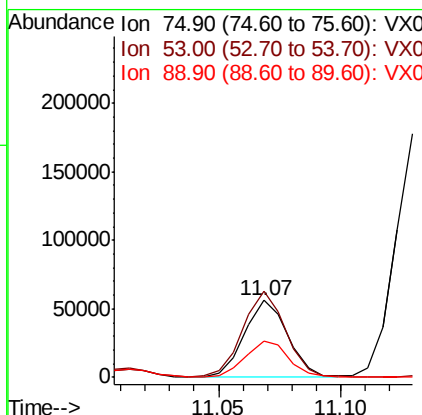
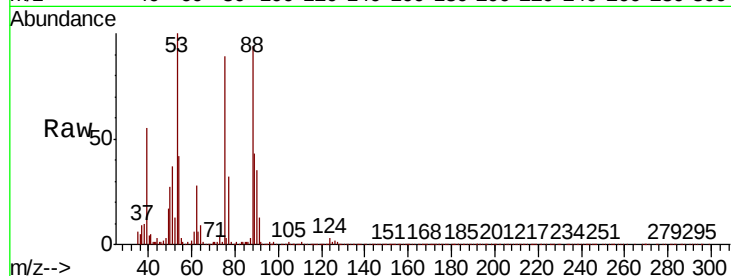




#81
trans-1,4-Dichloro-2-butene
Concen: 18.311 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

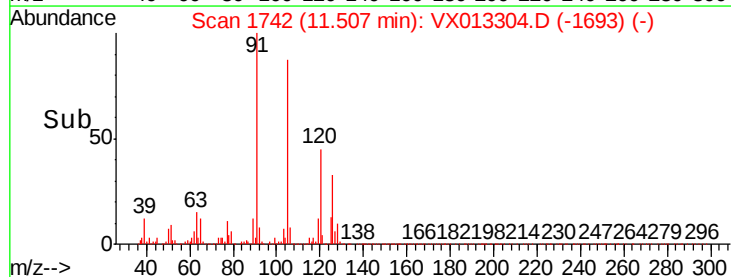
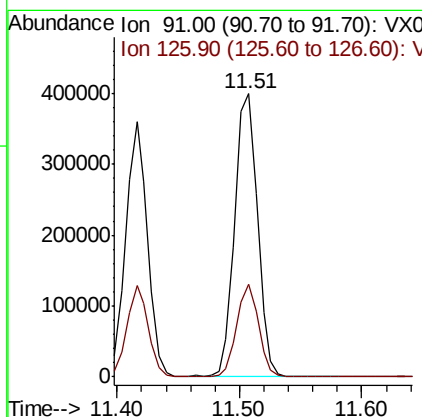
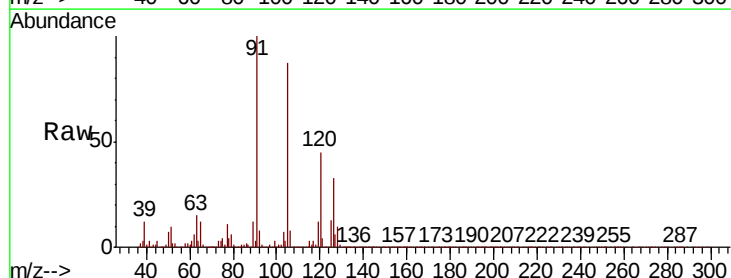
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 69173
Ion Ratio Lower Upper
75 100
53 108.7 81.0 121.6
89 48.5 36.0 54.0



#82
4-Chlorotoluene
Concen: 20.537 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion: 91 Resp: 512108
Ion Ratio Lower Upper
91 100
126 30.8 15.3 45.8





#83

tert-Butylbenzene

Concen: 21.178 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

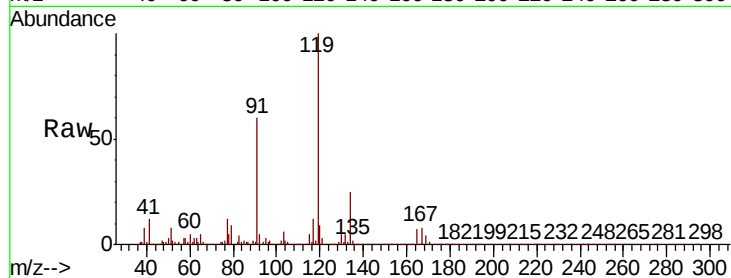
Tot Ion:119 Resp: 563612

Ion Ratio Lower Upper

119 100

91 54.7 26.9 80.7

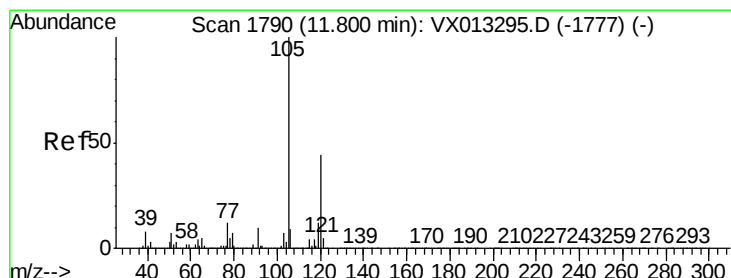
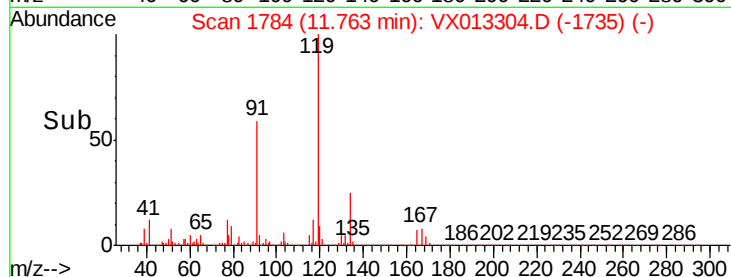
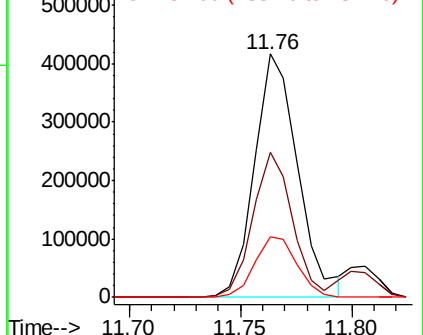
134 24.1 11.7 35.1



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: 21.251 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX013304.D

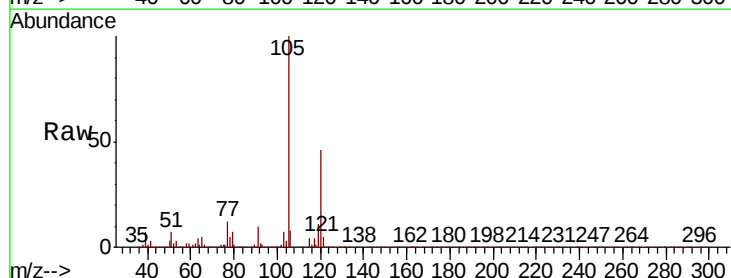
Acq: 01 Nov 2019 12:24

Tgt Ion:105 Resp: 563608

Ion Ratio Lower Upper

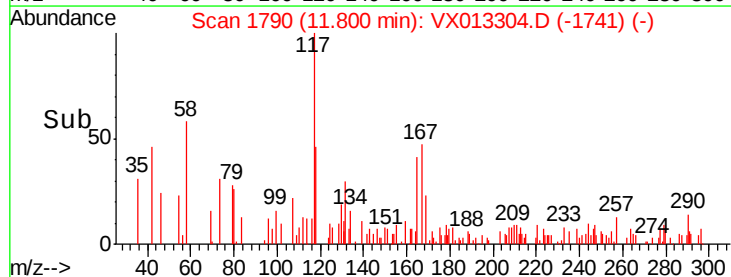
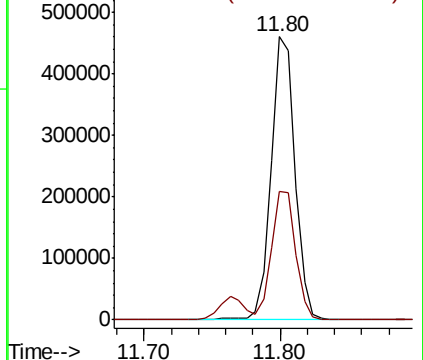
105 100

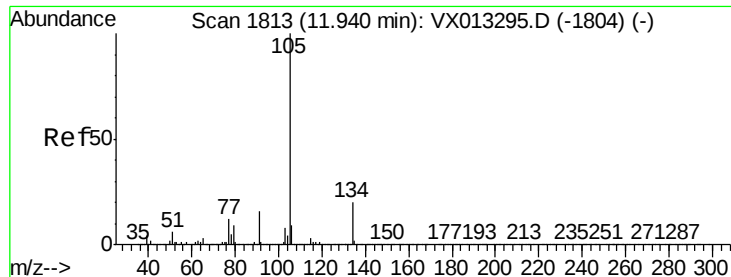
120 46.1 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

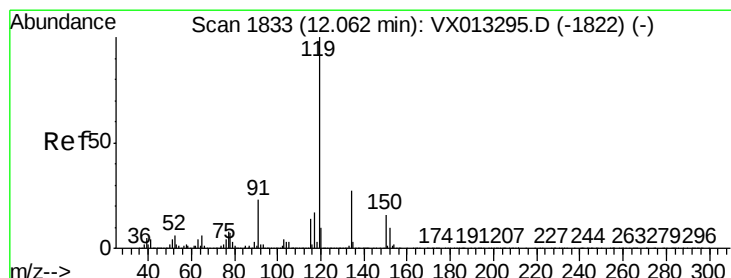
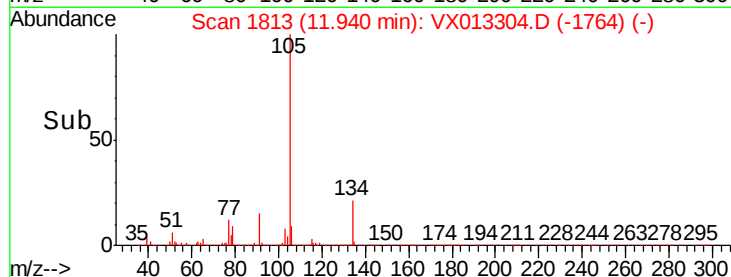
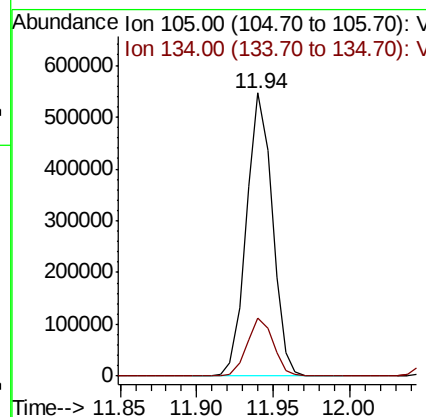
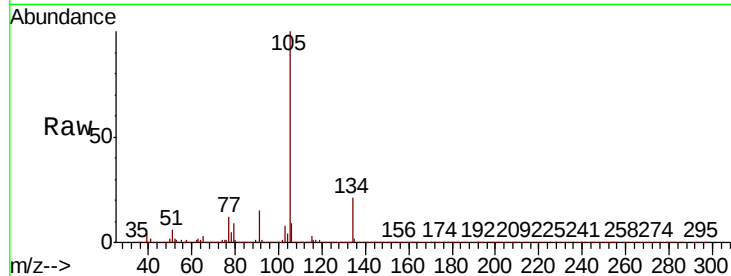




#85
 sec-Butylbenzene
 Concen: 20.996 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

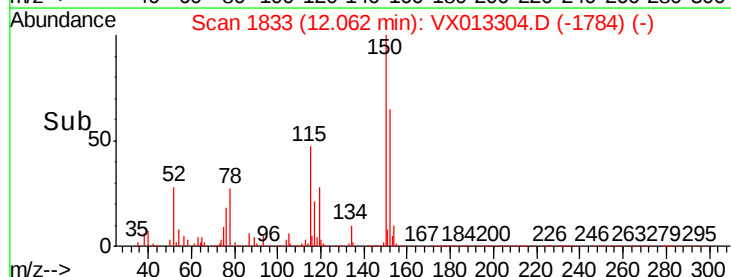
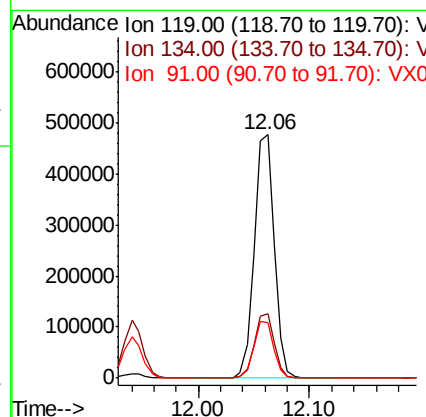
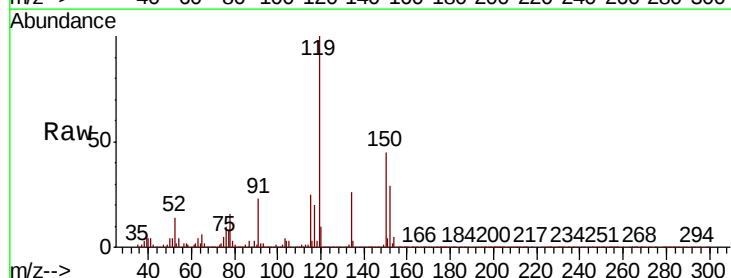
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:105 Resp: 642198
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 21.081 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

Tgt Ion:119 Resp: 593753
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.8
 91 23.2 11.5 34.4

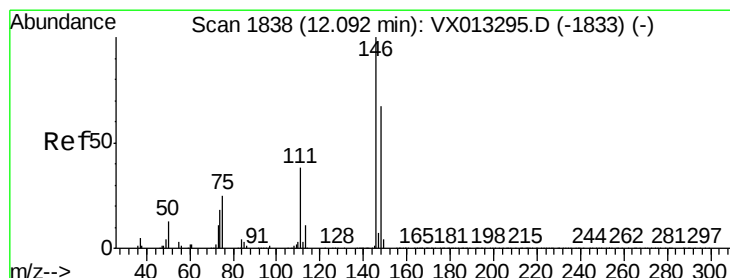
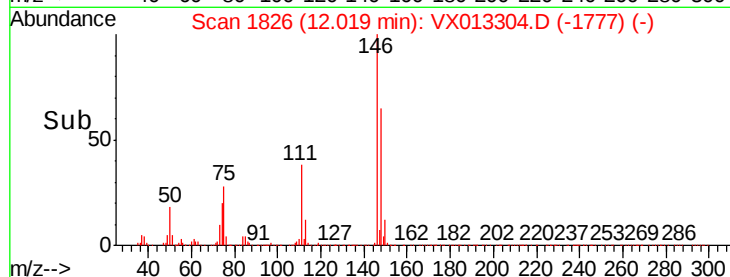
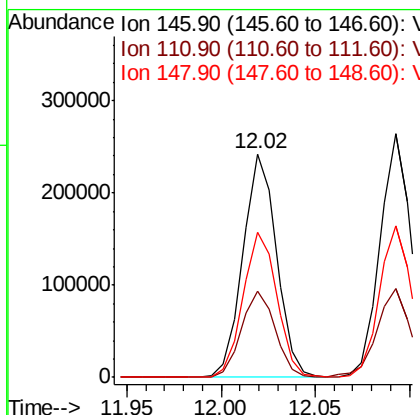
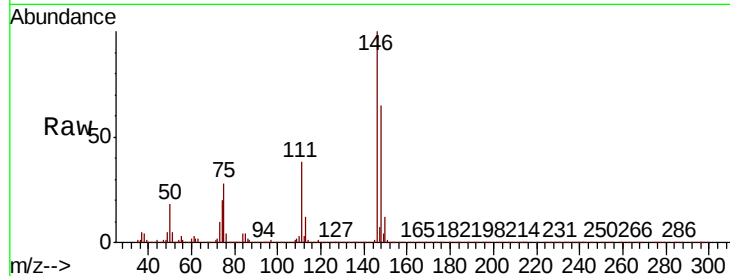




#87
 1,3-Dichlorobenzene
 Concen: 19.909 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

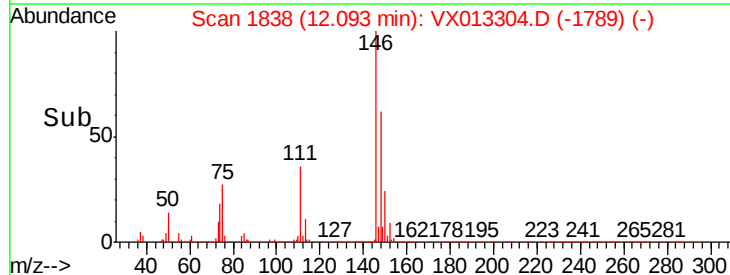
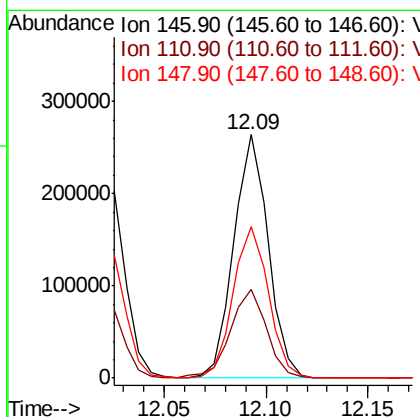
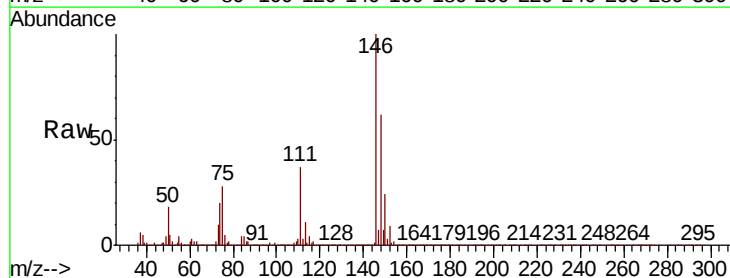
Instrument :
 MSVOA_X
 ClientSampleId :

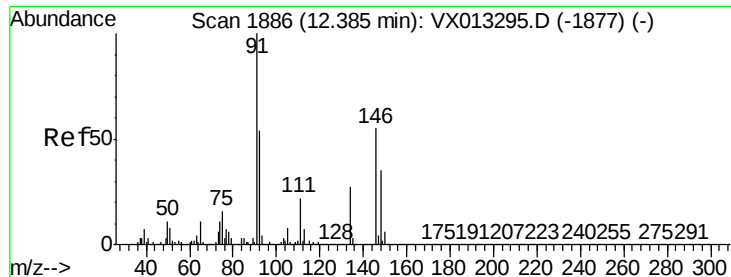
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.9	56.5
148	65.5	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.977 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.8	56.4
148	64.6	32.4	97.0





#89

n-Butylbenzene

Concen: 20.430 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013304.D

Acq: 01 Nov 2019 12:24

Instrument :

MSVOA_X

ClientSampled :

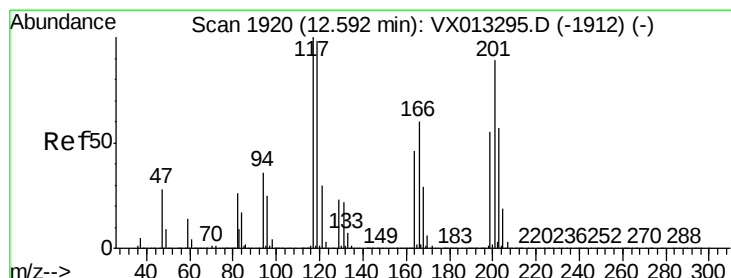
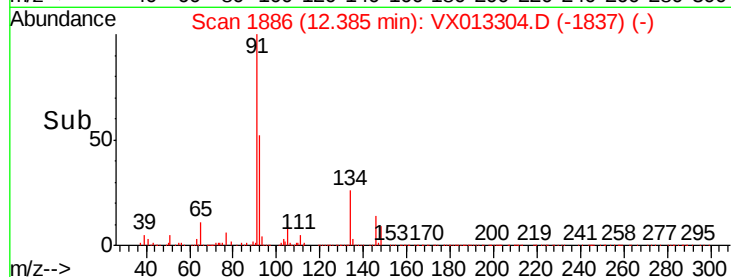
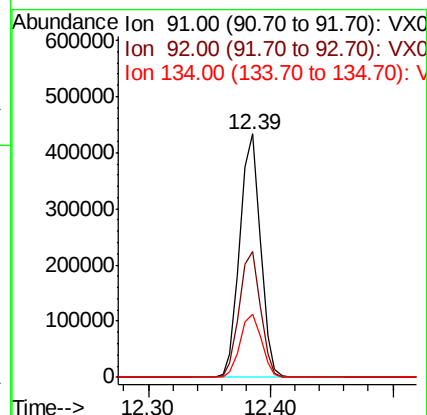
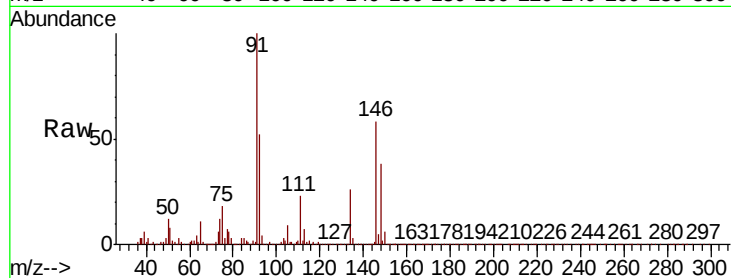
Tot Ion: 91 Resp: 502084

Ion Ratio Lower Upper

91 100

92 53.3 27.3 81.8

134 26.8 13.5 40.5



#90

Hexachloroethane

Concen: 19.894 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013304.D

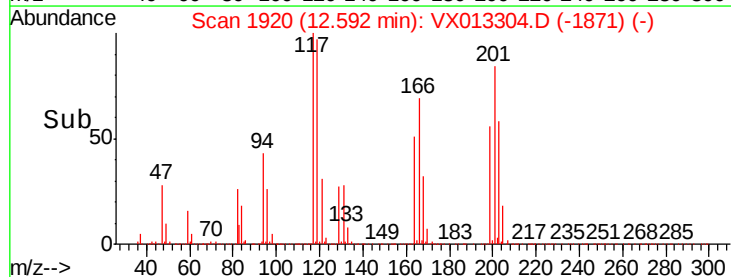
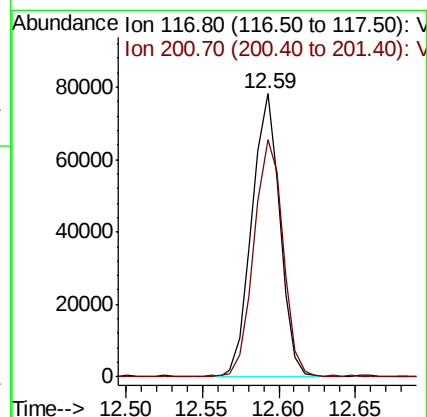
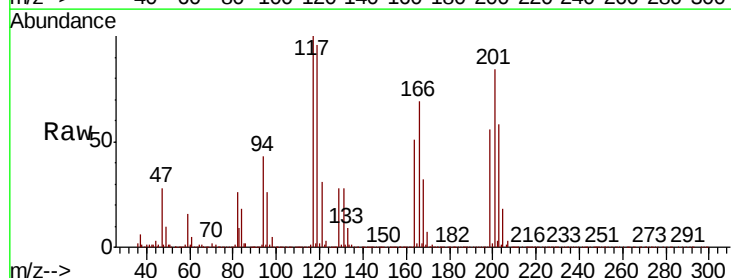
Acq: 01 Nov 2019 12:24

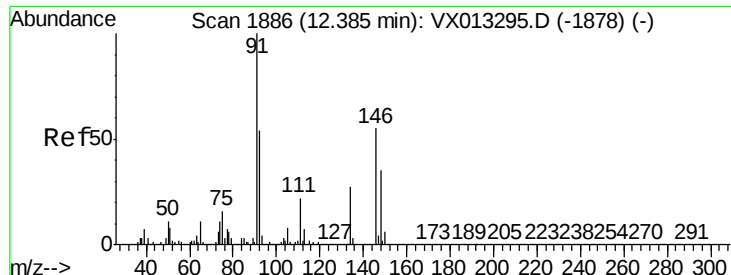
Tgt Ion: 117 Resp: 99833

Ion Ratio Lower Upper

117 100

201 87.1 43.9 131.7

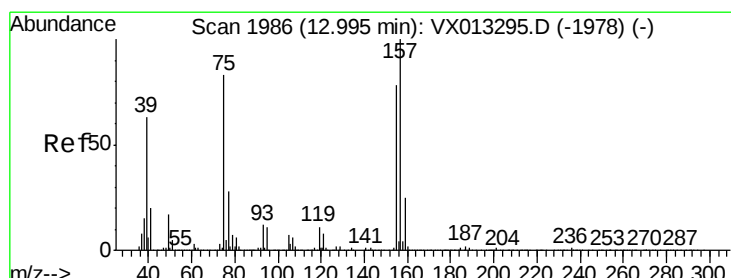
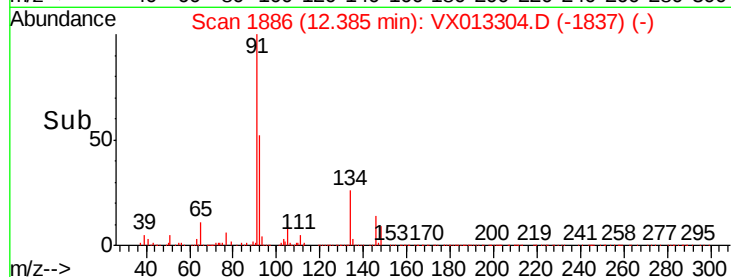
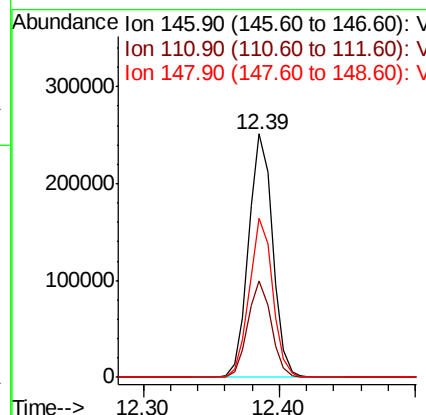
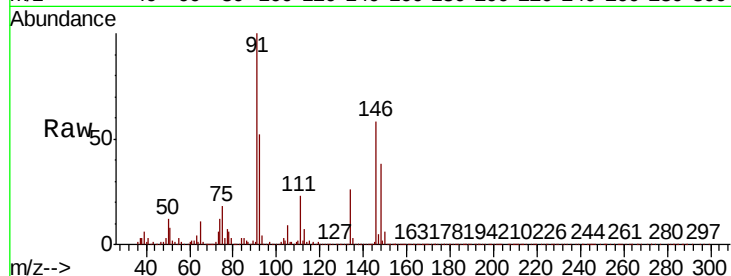




#91
 1,2-Dichlorobenzene
 Concen: 20.634 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

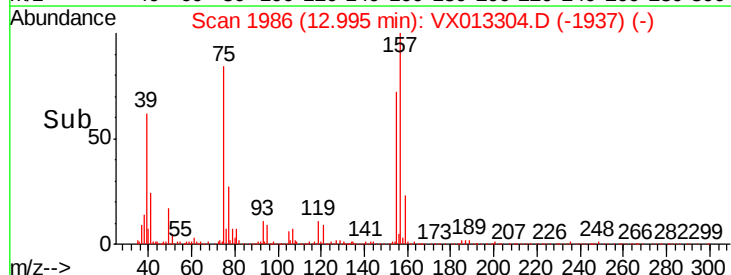
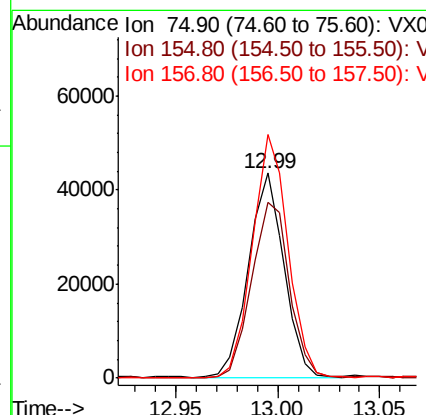
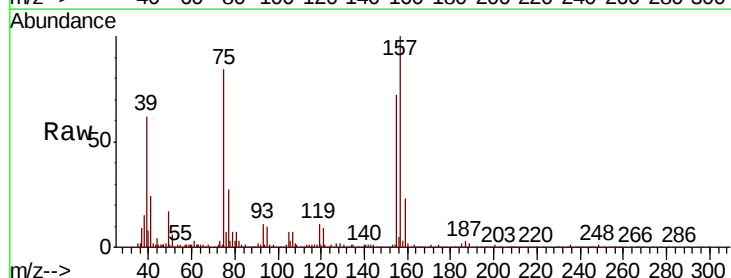
Instrument :
 MSVOA_X
 ClientSampleId :

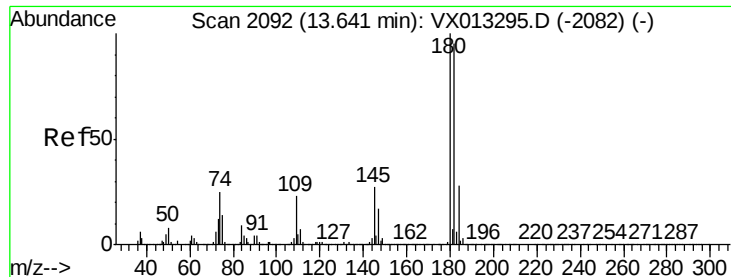
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.1	60.2
148	63.6	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.558 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.4	47.1	141.4
157	121.2	61.3	183.8

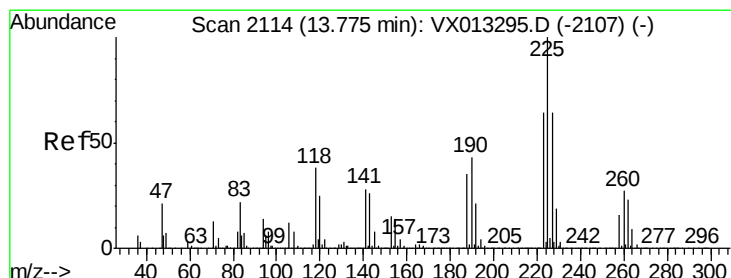
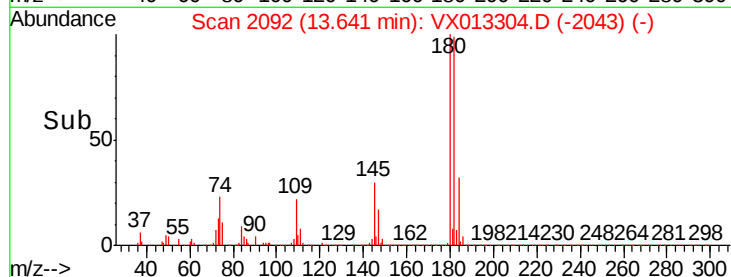
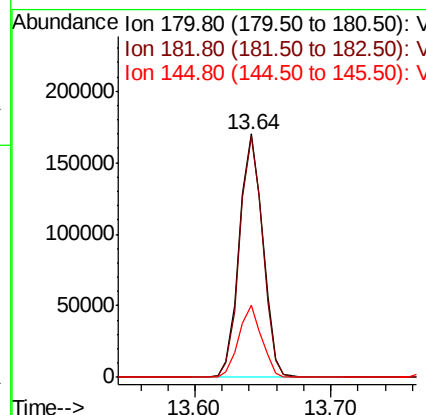
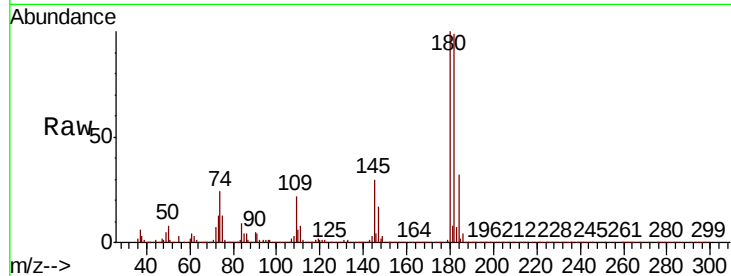




#93
 1,2,4-Trichlorobenzene
 Concen: 19.506 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

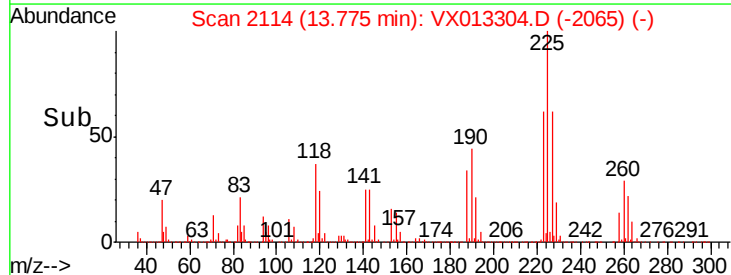
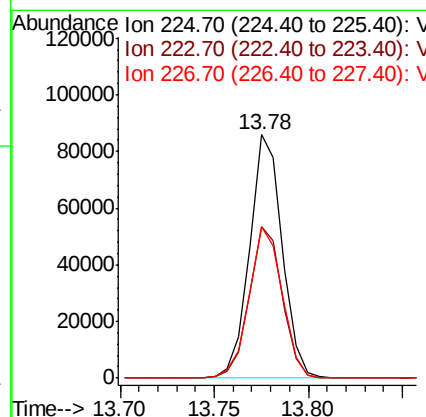
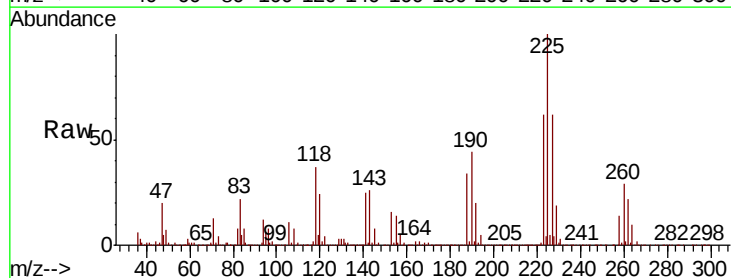
Instrument :
 MSVOA_X
 ClientSampled :

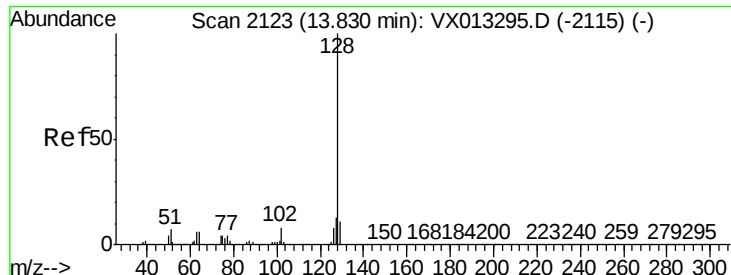
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.6	48.4	145.0
145	28.8	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 20.017 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013304.D
 Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.9	95.7
227	63.2	31.9	95.9

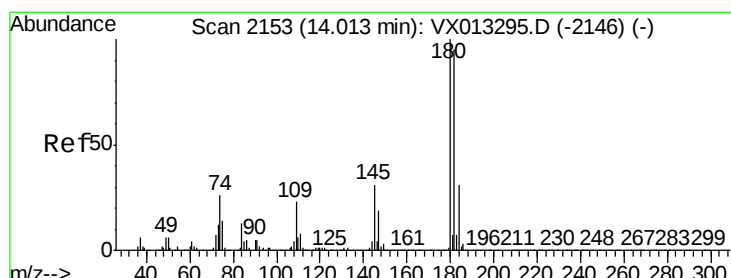
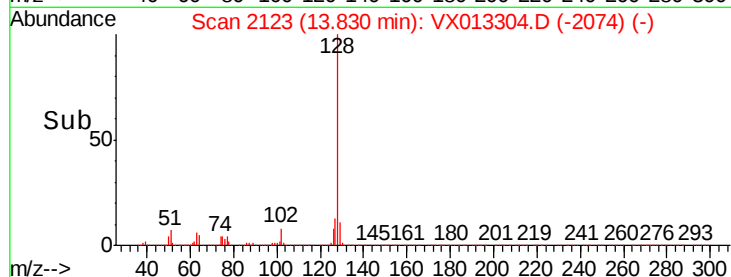
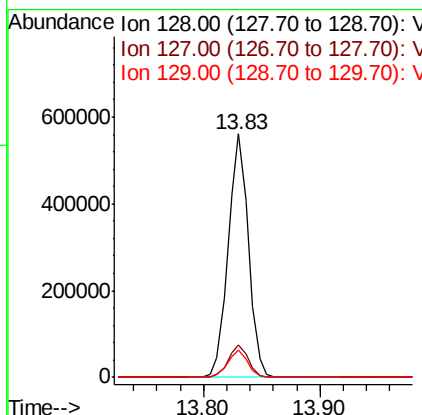
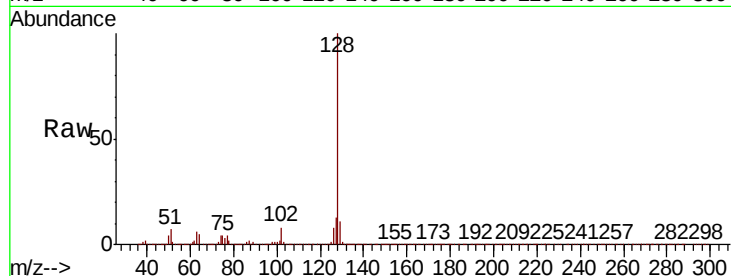




#95
Naphthalene
Concen: 20.433 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	10.9	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 19.745 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013304.D
Acq: 01 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.0	144.2
145	30.5	15.4	46.4

