

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137872.D
 Acq On : 10 Dec 2019 00:20
 Operator : JC/SP
 Sample : VX1209WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 03:32:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	570875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	878377	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	788565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	383894	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	305416	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
35) Dibromofluoromethane	5.49	113	252800	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
50) Toluene-d8	8.71	98	962671	45.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.00%	
62) 4-Bromofluorobenzene	11.14	95	339237	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	112798	17.752	ug/l 94
3) Chloromethane	1.32	50	133343	18.702	ug/l 98
4) Vinyl Chloride	1.40	62	153424	19.119	ug/l 100
5) Bromomethane	1.63	94	98033	18.191	ug/l 92
6) Chloroethane	1.72	64	87135	19.081	ug/l 93
7) Trichlorofluoromethane	1.92	101	166242	18.656	ug/l 99
8) Diethyl Ether	2.18	74	77950	19.336	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	99810	18.338	ug/l 98
10) Methyl Iodide	2.50	142	107500	16.328	ug/l 99
11) Tert butyl alcohol	3.03	59	144754	88.499	ug/l 99
12) 1,1-Dichloroethene	2.37	96	100142	18.433	ug/l 98
13) Acrolein	2.28	56	91357	87.515	ug/l 99
14) Allyl chloride	2.72	41	177694	18.023	ug/l 100
15) Acrylonitrile	3.13	53	330509	97.892	ug/l 99
16) Acetone	2.43	43	313425	95.801	ug/l 99
17) Carbon Disulfide	2.56	76	247682	15.992	ug/l 100
18) Methyl Acetate	2.76	43	190950	20.960	ug/l 99
19) Methyl tert-butyl Ether	3.19	73	349430	19.415	ug/l 96
20) Methylene Chloride	2.85	84	120168	19.119	ug/l 97
21) trans-1,2-Dichloroethene	3.15	96	107458	18.156	ug/l 94
22) Diisopropyl ether	3.84	45	382081	20.126	ug/l 94
23) Vinyl Acetate	3.80	43	1452106	91.946	ug/l 100
24) 1,1-Dichloroethane	3.69	63	205877	19.838	ug/l 98
25) 2-Butanone	4.66	43	468932	96.443	ug/l 100
26) 2,2-Dichloropropane	4.57	77	131698	15.338	ug/l 98
27) cis-1,2-Dichloroethene	4.59	96	126313	18.584	ug/l 99
28) Bromochloromethane	5.00	49	88481	21.567	ug/l 98
29) Tetrahydrofuran	5.12	42	296257	98.837	ug/l 100
30) Chloroform	5.20	83	199613	18.966	ug/l 97
31) Cyclohexane	5.58	56	173241	17.698	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	166547	18.936	ug/l 98
36) 1,1-Dichloropropene	5.79	75	146570	18.382	ug/l 98
37) Ethyl Acetate	4.82	43	173578	19.405	ug/l 99
38) Carbon Tetrachloride	5.78	117	137219	18.664	ug/l 95

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 ClientSampleId :

Quant Time: Dec 10 03:32:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	167044	16.949	ug/l	95
40) Benzene	6.14	78	457770	18.850	ug/l	99
41) Methacrylonitrile	5.03	41	97344	19.843	ug/l	98
42) 1,2-Dichloroethane	6.18	62	161868	19.544	ug/l	99
43) Isopropyl Acetate	6.43	43	278914	18.940	ug/l	99
44) Trichloroethene	7.20	130	122921	18.443	ug/l	93
45) 1,2-Dichloropropane	7.51	63	119930	19.739	ug/l	98
46) Dibromomethane	7.65	93	78006	18.903	ug/l	99
47) Bromodichloromethane	7.89	83	146311	18.755	ug/l	98
48) Methyl methacrylate	7.76	41	136750	19.112	ug/l	96
49) 1,4-Dioxane	7.73	88	56454	352.485	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	915974	98.883	ug/l	99
52) Toluene	8.78	92	288501	19.123	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	155113	17.468	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	173646	17.899	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	121155	19.928	ug/l	97
56) Ethyl methacrylate	9.17	69	186885	19.120	ug/l	99
57) 1,3-Dichloropropane	9.37	76	201328	19.212	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	344339	89.852	ug/l	100
59) 2-Hexanone	9.48	43	694797	96.171	ug/l	98
60) Dibromochloromethane	9.57	129	119269	18.904	ug/l	99
61) 1,2-Dibromoethane	9.67	107	123642	19.042	ug/l	99
64) Tetrachloroethene	9.33	164	136136	23.150	ug/l	98
65) Chlorobenzene	10.14	112	307335	18.772	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	112511	19.137	ug/l	98
67) Ethyl Benzene	10.25	91	534654	19.004	ug/l	98
68) m/p-Xylenes	10.35	106	405786	37.673	ug/l	100
69) o-Xylene	10.70	106	199156	18.958	ug/l	99
70) Styrene	10.71	104	334422	18.924	ug/l	99
71) Bromoform	10.85	173	89435	18.385	ug/l #	97
73) Isopropylbenzene	11.01	105	528574	19.629	ug/l	99
74) N-amyl acetate	10.89	43	234070	18.975	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	186096	19.927	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	202290	23.428	ug/l	88
77) Bromobenzene	11.25	156	137591	18.913	ug/l	97
78) n-propylbenzene	11.35	91	573229	19.069	ug/l	99
79) 2-Chlorotoluene	11.42	91	348921	19.349	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	429579	19.464	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	50450	15.985	ug/l	93
82) 4-Chlorotoluene	11.51	91	401405	19.219	ug/l	98
83) tert-Butylbenzene	11.76	119	423271	18.871	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	432409	19.304	ug/l	99
85) sec-Butylbenzene	11.94	105	497057	19.401	ug/l	100
86) p-Isopropyltoluene	12.06	119	450984	18.922	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	234502	18.492	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	234496	18.154	ug/l	99
89) n-Butylbenzene	12.39	91	364942	17.952	ug/l	99
90) Hexachloroethane	12.59	117	78568	18.237	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	240892	19.226	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36348	17.873	ug/l	95

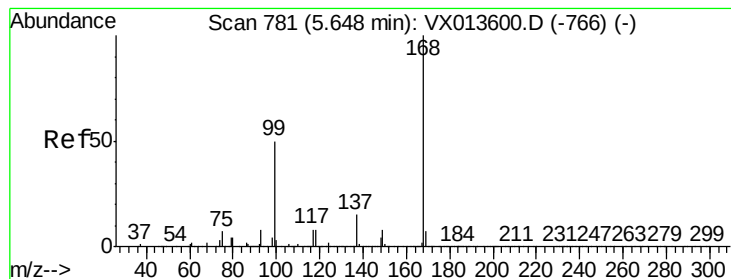
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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	152495	17.463	ug/l	99
94) Hexachlorobutadiene	13.78	225	76024	18.123	ug/l	98
95) Naphthalene	13.83	128	476273	18.315	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	158373	18.318	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

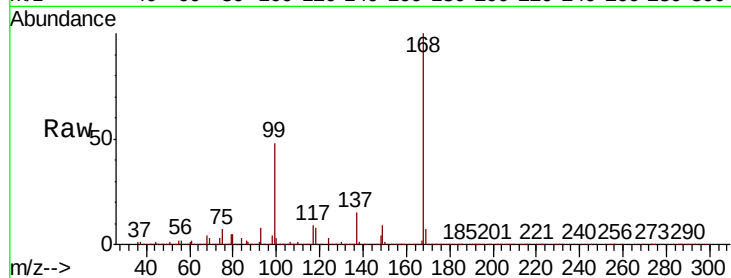
ClientSampleId :

Tot Ion:168 Resp: 570875

Ion Ratio Lower Upper

168 100

99 48.3 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

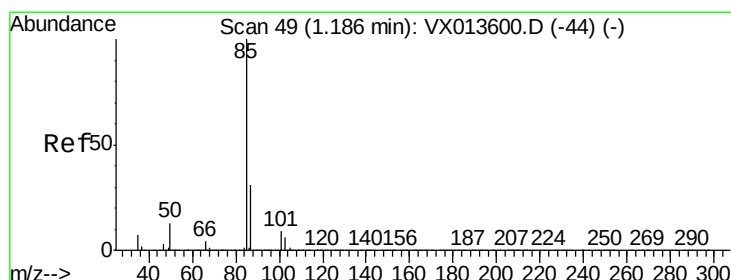
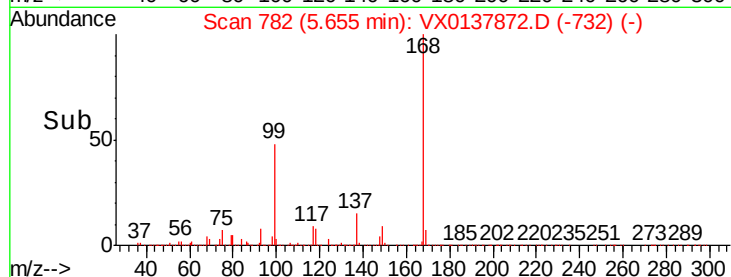
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.752 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX0137872.D

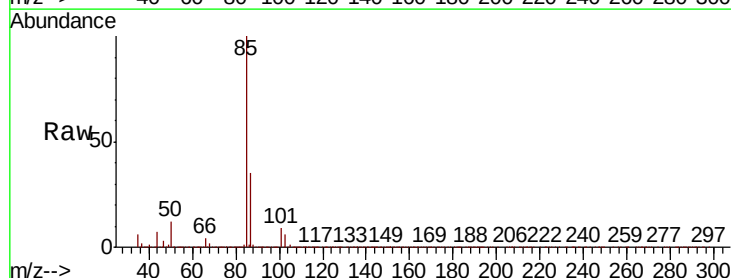
Acq: 10 Dec 2019 00:20

Tgt Ion: 85 Resp: 112798

Ion Ratio Lower Upper

85 100

87 34.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

120000

100000

80000

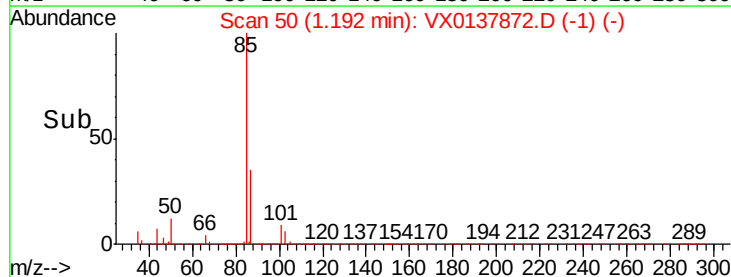
60000

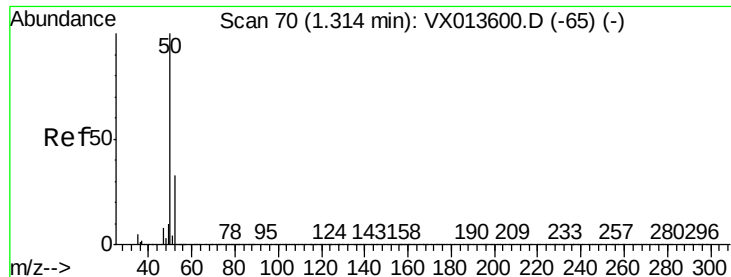
40000

20000

0

Time-->





#3

Chloromethane

Concen: 18.702 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

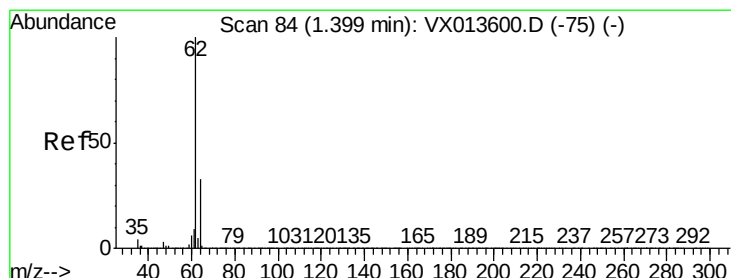
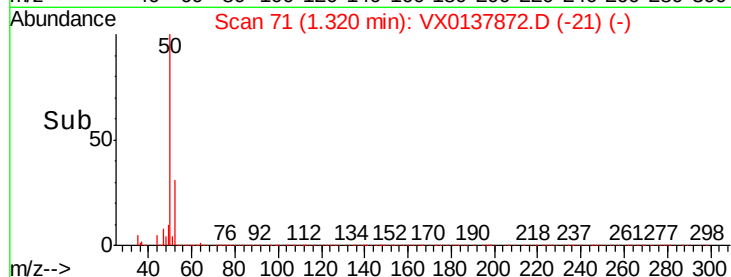
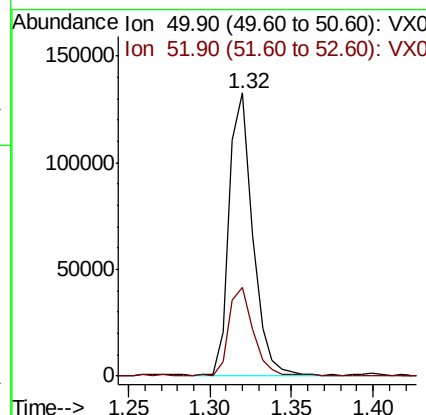
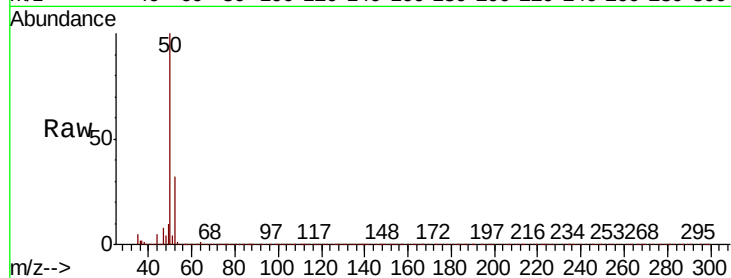
ClientSampled :

Tot Ion: 50 Resp: 133343

Ion Ratio Lower Upper

50 100

52 31.5 26.0 39.0



#4

Vinyl Chloride

Concen: 19.119 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX0137872.D

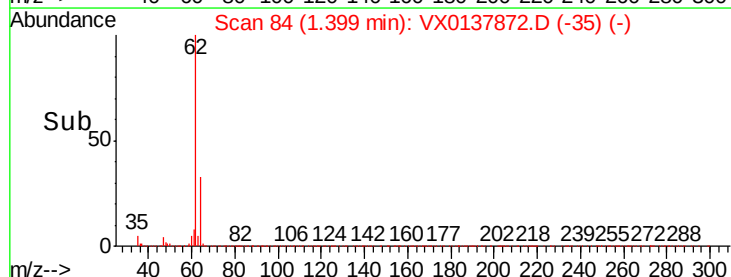
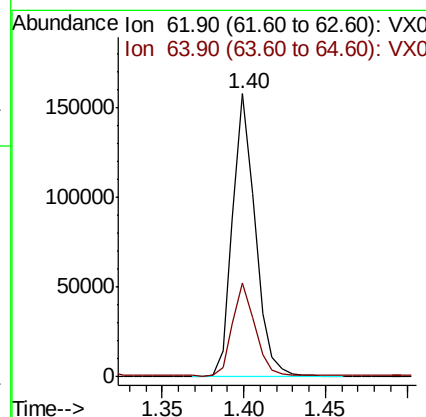
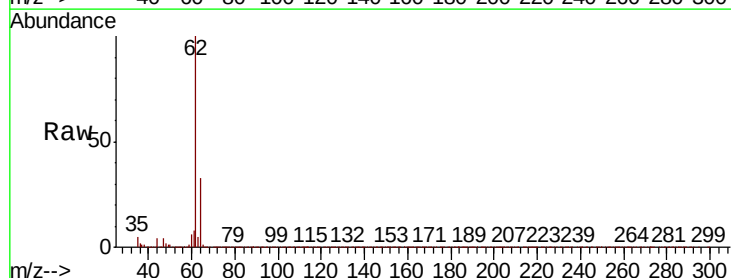
Acq: 10 Dec 2019 00:20

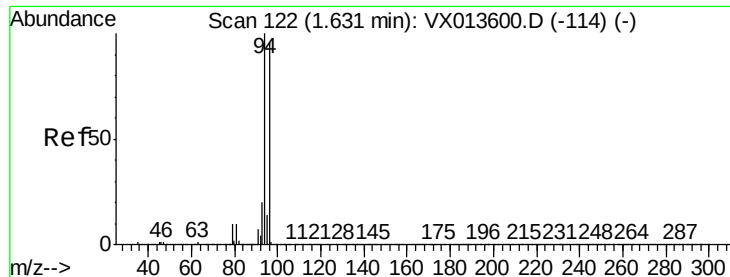
Tgt Ion: 62 Resp: 153424

Ion Ratio Lower Upper

62 100

64 32.8 26.0 39.0





#5

Bromomethane

Concen: 18.191 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

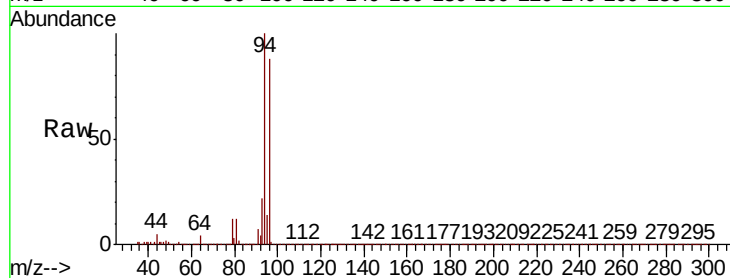
ClientSampleId :

Tot Ion: 94 Resp: 98033

Ion Ratio Lower Upper

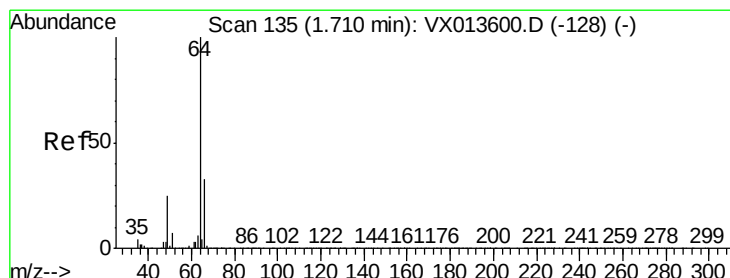
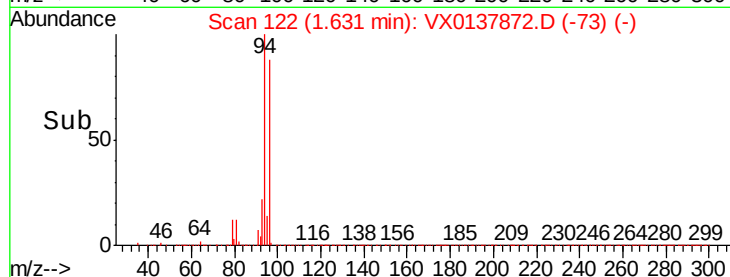
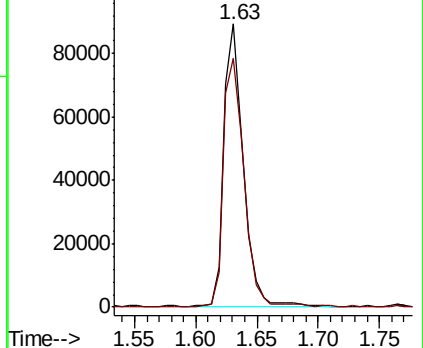
94 100

96 88.1 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.081 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX0137872.D

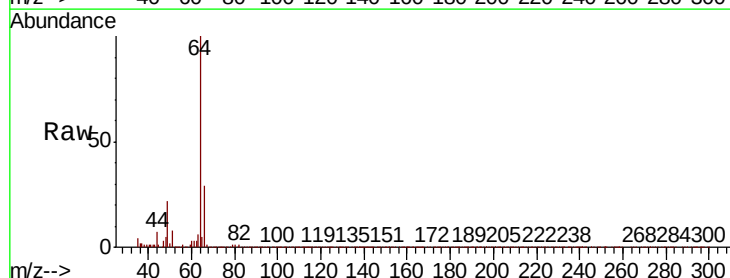
Acq: 10 Dec 2019 00:20

Tgt Ion: 64 Resp: 87135

Ion Ratio Lower Upper

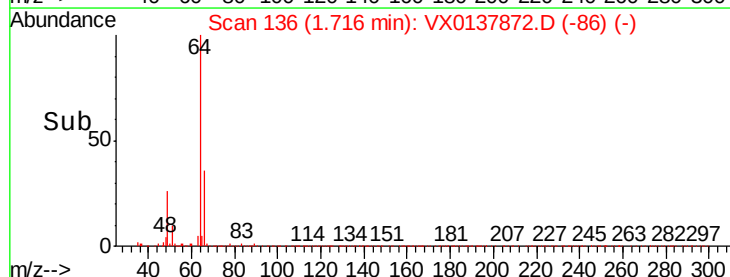
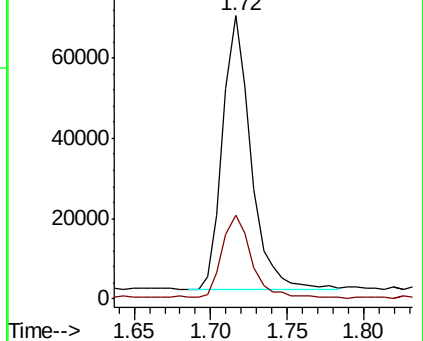
64 100

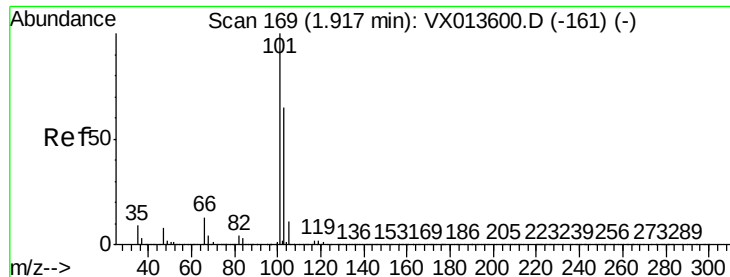
66 29.7 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



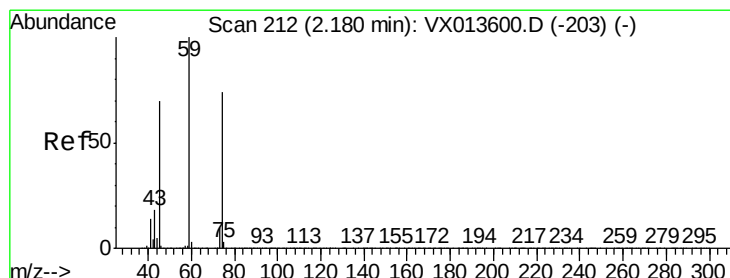
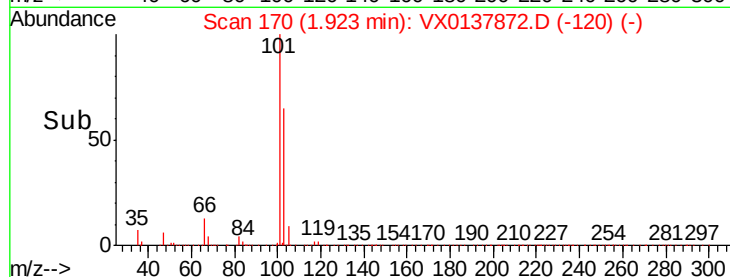
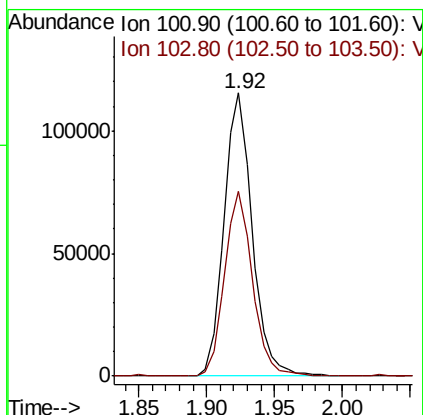
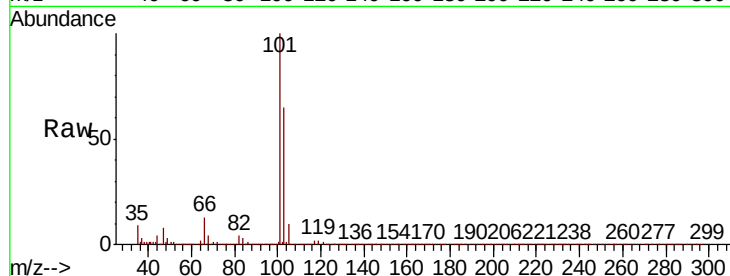


#7

Trichlorofluoromethane
Concen: 18.656 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
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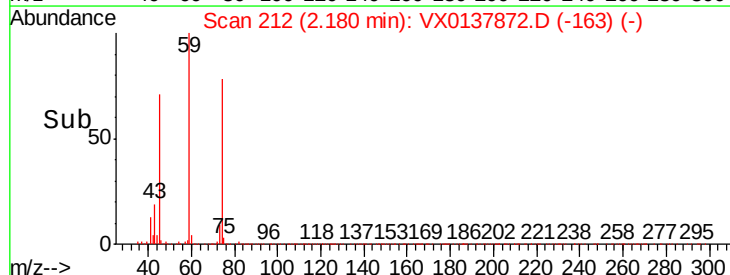
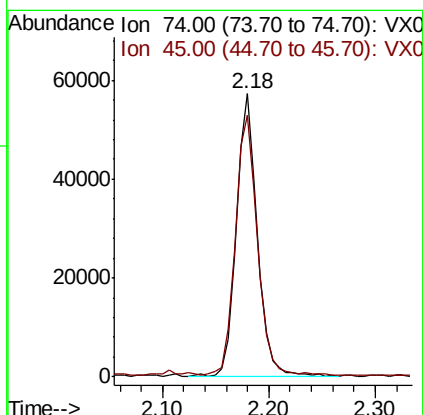
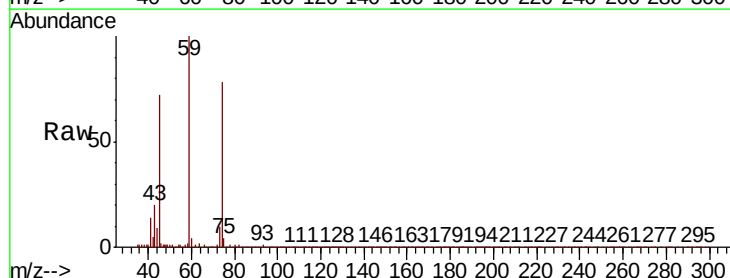
Tot Ion:101 Resp: 166242
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.6

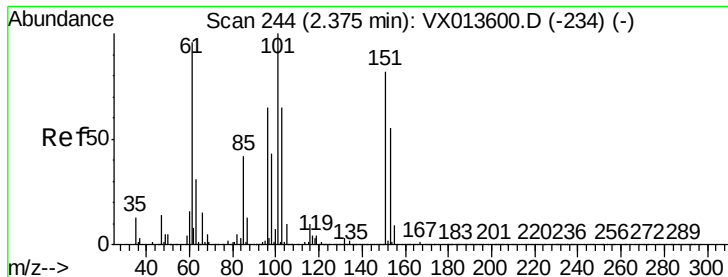


#8

Diethyl Ether
Concen: 19.336 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion: 74 Resp: 77950
Ion Ratio Lower Upper
74 100
45 98.1 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.338 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

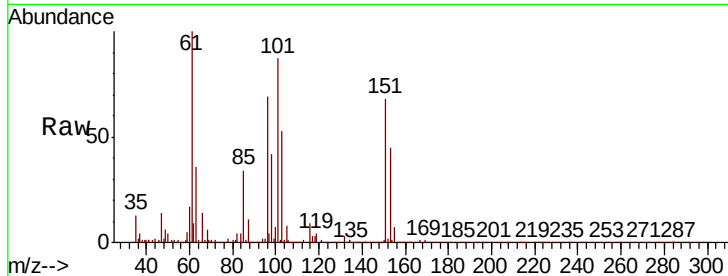
Tot Ion:101 Resp: 99810

Ion Ratio Lower Upper

101 100

85 41.9 33.9 50.9

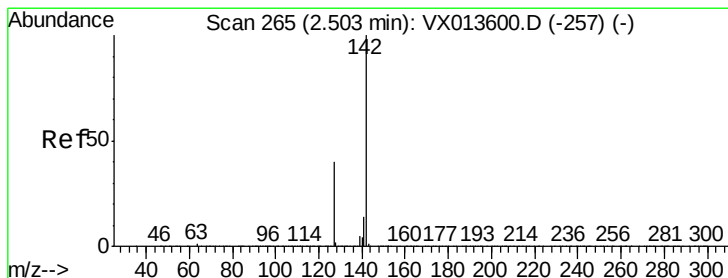
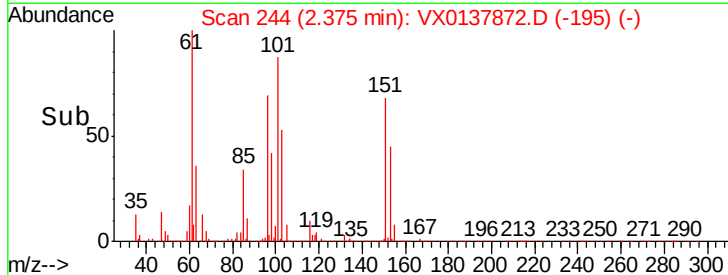
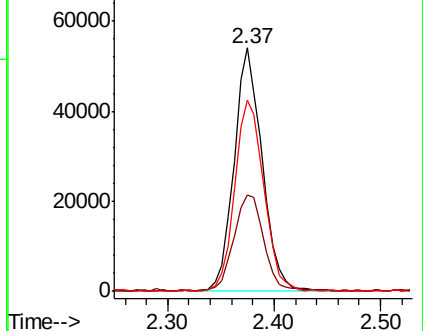
151 82.0 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.328 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

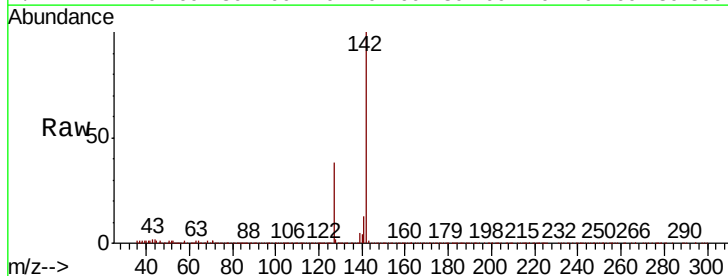
Tgt Ion:142 Resp: 107500

Ion Ratio Lower Upper

142 100

127 39.3 31.0 46.4

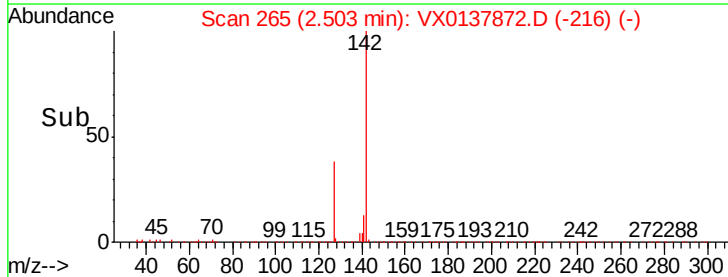
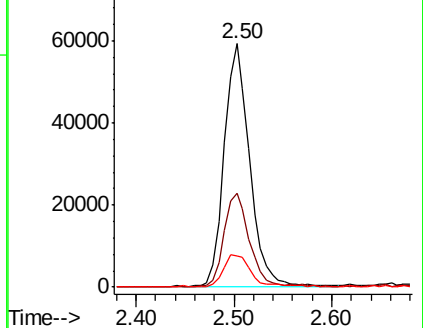
141 14.2 11.6 17.4

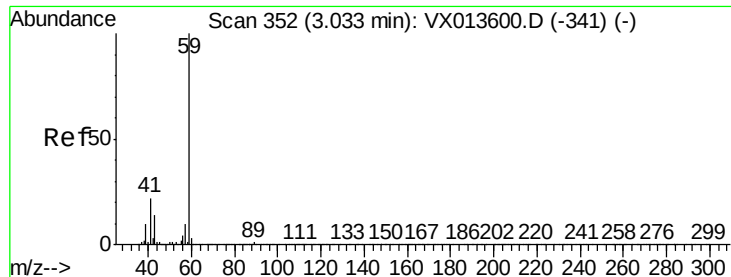


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



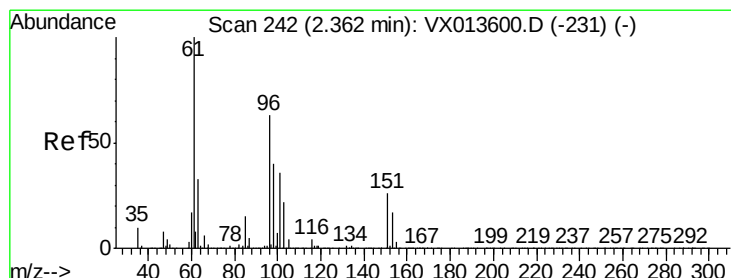
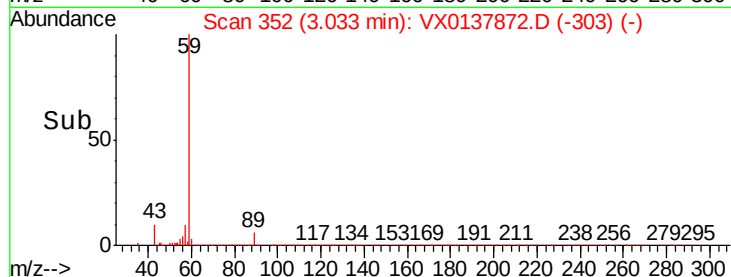
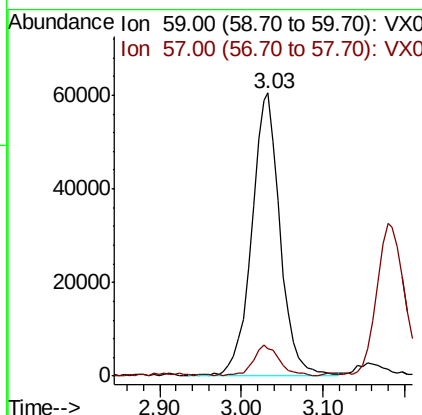
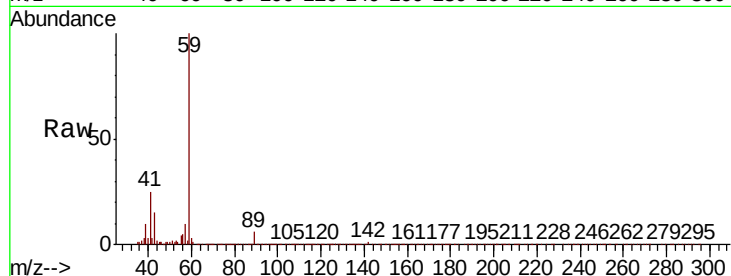


#11

Tert butyl alcohol
Concen: 88.499 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :

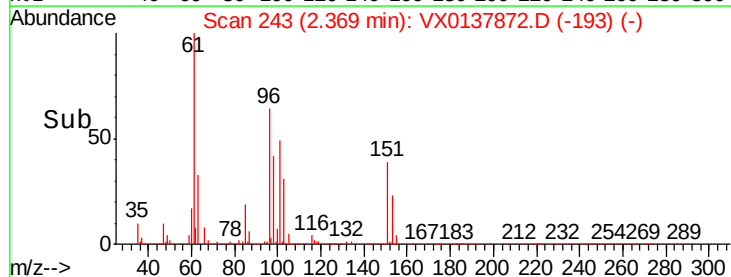
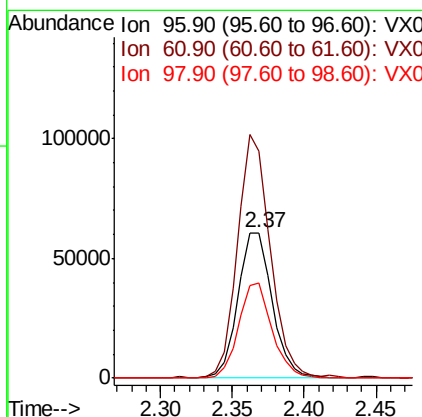
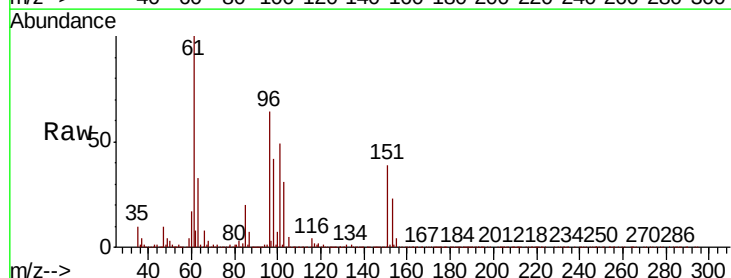
Tot Ion: 59 Resp: 144754
Ion Ratio Lower Upper
59 100
57 9.3 7.8 11.6

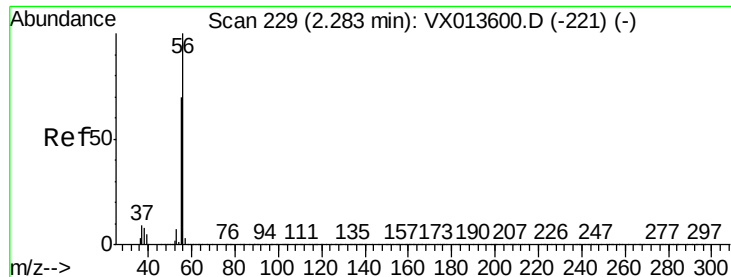


#12

1,1-Dichloroethene
Concen: 18.433 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion: 96 Resp: 100142
Ion Ratio Lower Upper
96 100
61 156.1 126.6 190.0
98 65.1 50.6 76.0

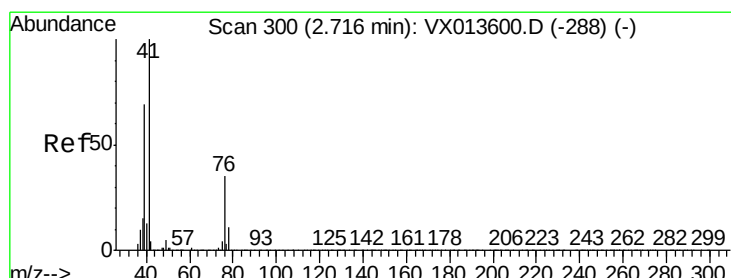
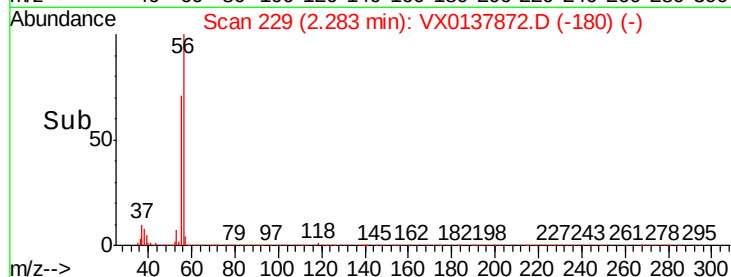
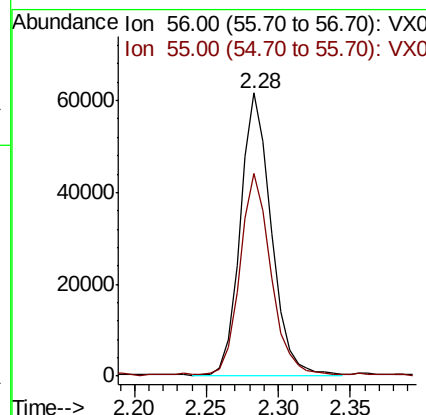
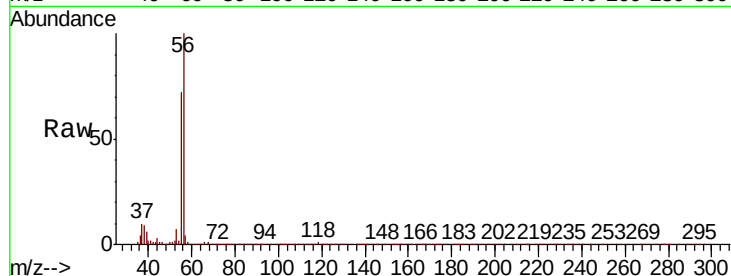




#13
Acrolein
Concen: 87.515 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

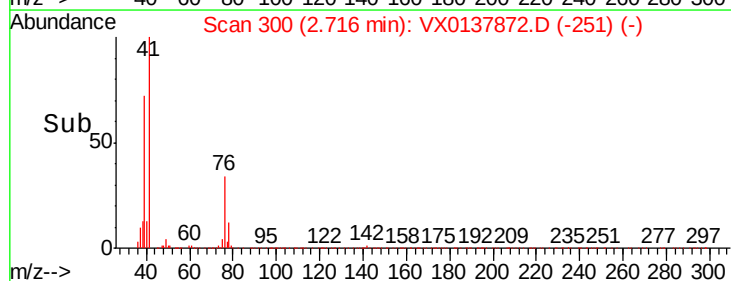
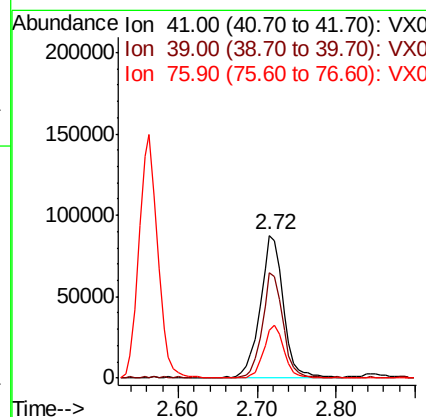
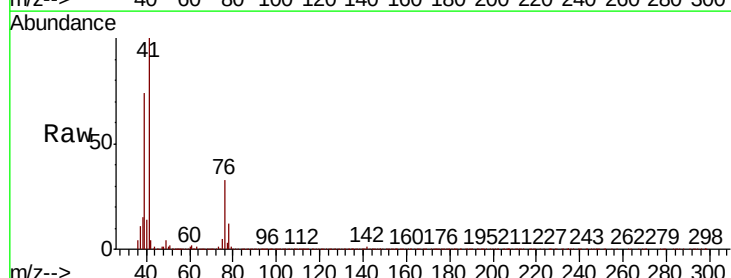
Instrument :
MSVOA_X
ClientSampleId :

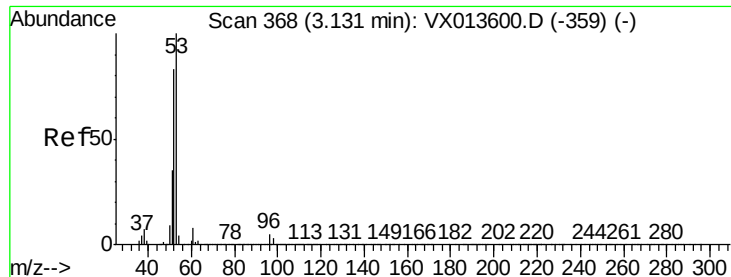
Tot Ion: 56 Resp: 91357
Ion Ratio Lower Upper
56 100
55 71.1 56.2 84.4



#14
Allyl chloride
Concen: 18.023 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion: 41 Resp: 177694
Ion Ratio Lower Upper
41 100
39 64.8 51.7 77.5
76 31.9 25.9 38.9





#15

Acrylonitrile

Concen: 97.892 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

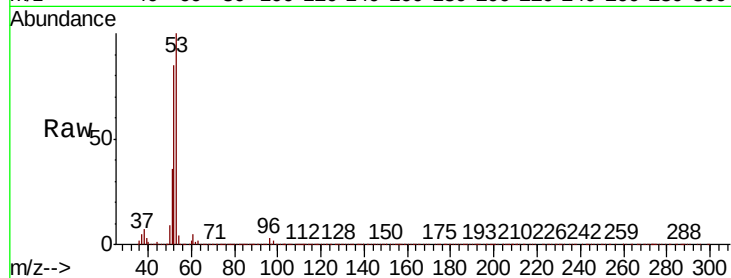
Tot Ion: 53 Resp: 330509

Ion Ratio Lower Upper

53 100

52 83.2 66.2 99.2

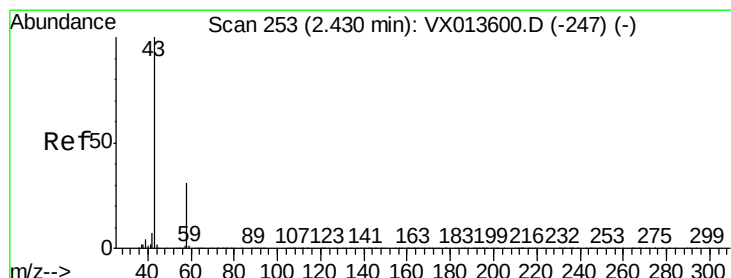
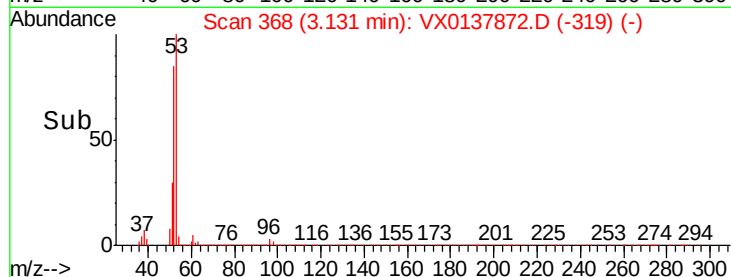
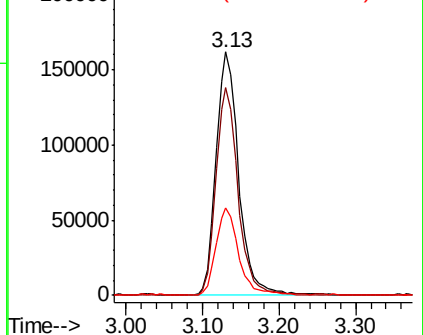
51 35.7 29.0 43.6



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: 95.801 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX0137872.D

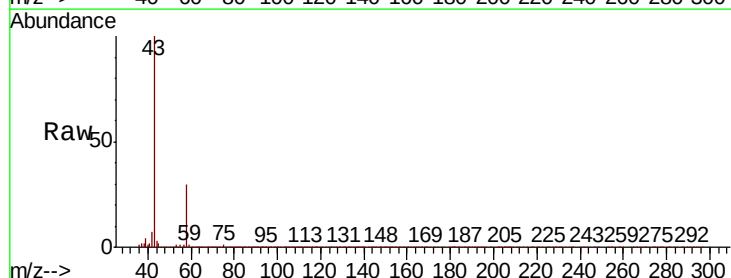
Acq: 10 Dec 2019 00:20

Tgt Ion: 43 Resp: 313425

Ion Ratio Lower Upper

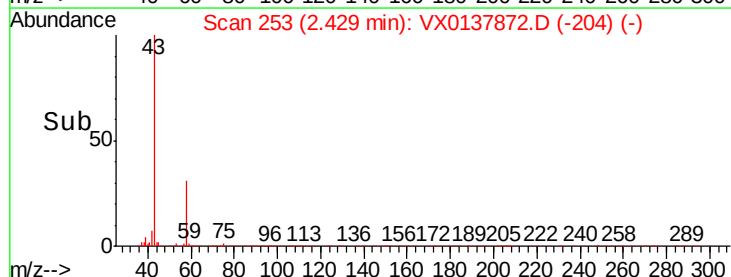
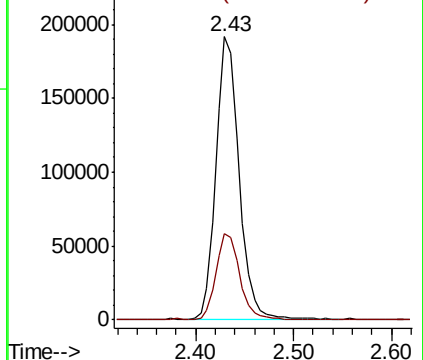
43 100

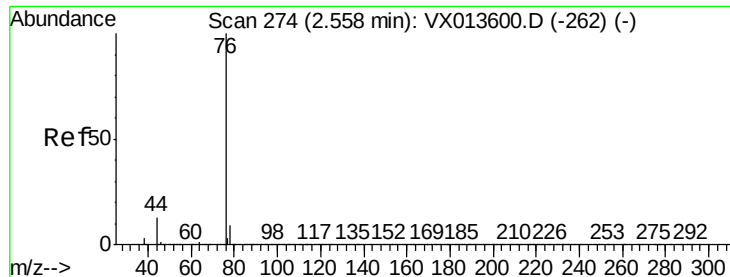
58 30.4 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.992 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

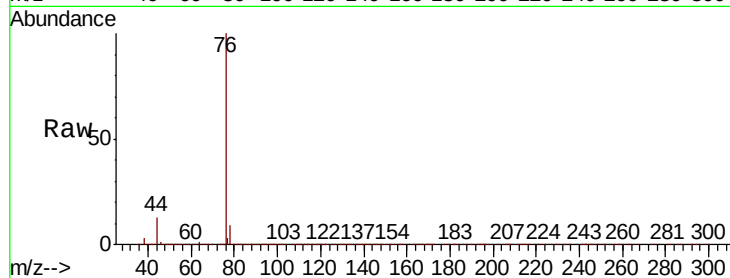
ClientSampleId :

Tot Ion: 76 Resp: 247682

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

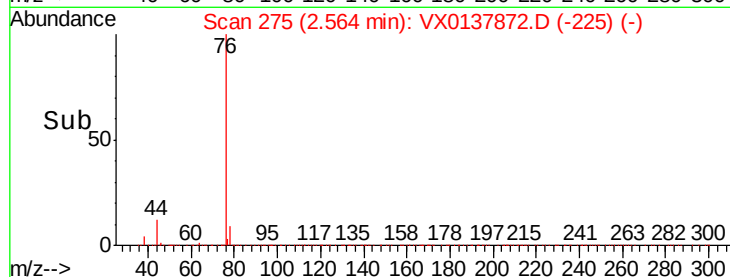
150000

100000

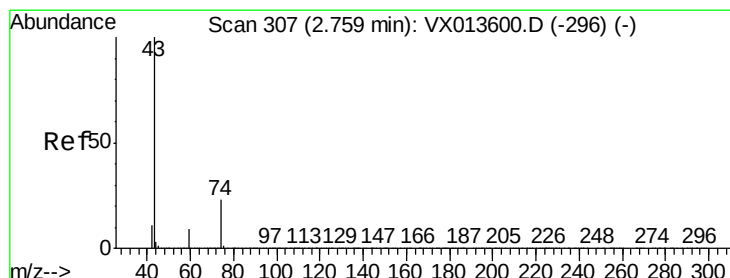
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 20.960 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX0137872.D

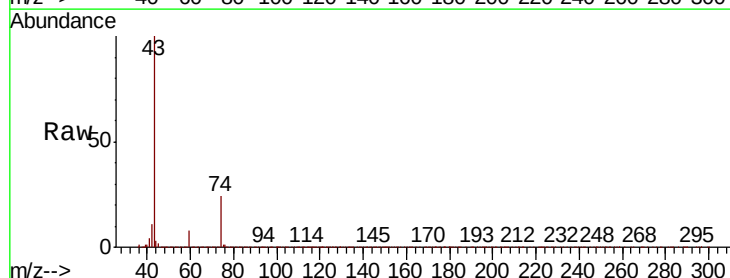
Acq: 10 Dec 2019 00:20

Tgt Ion: 43 Resp: 190950

Ion Ratio Lower Upper

43 100

74 23.9 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

120000

100000

80000

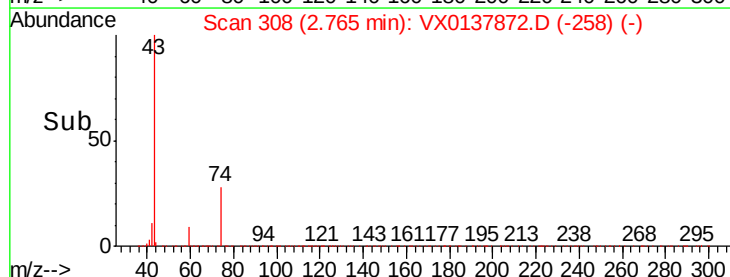
60000

40000

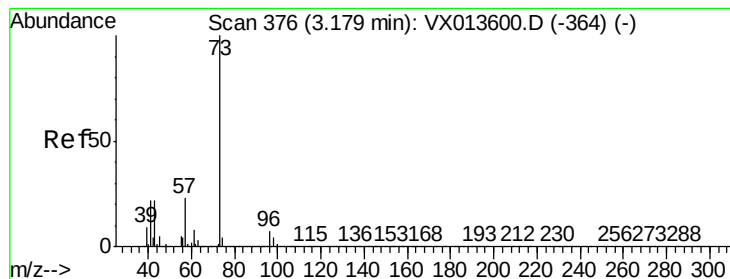
20000

0

Time-->



Time-->

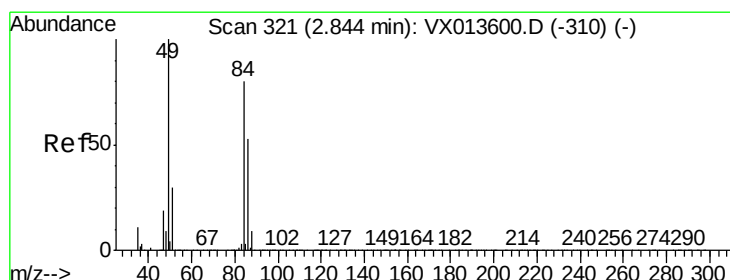
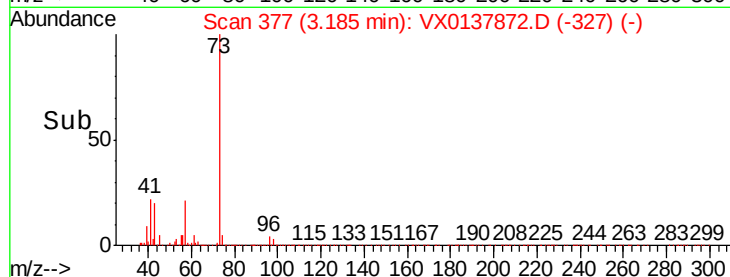
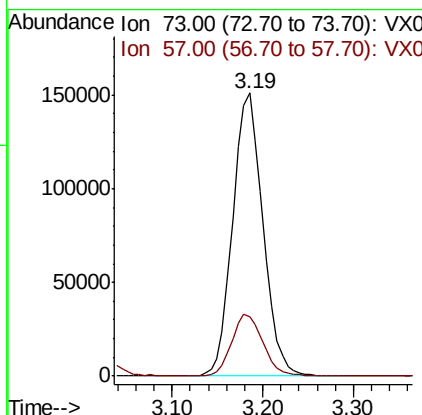
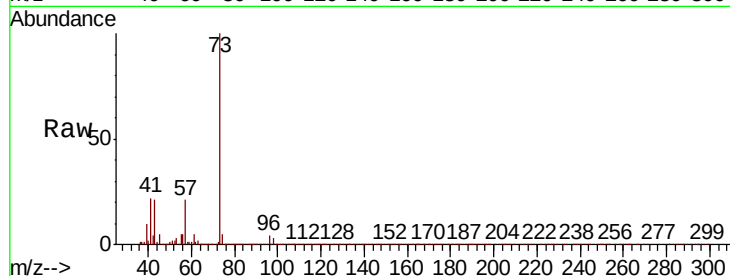


#19

Methyl tert-butyl Ether
 Concen: 19.415 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

Instrument :
 MSVOA_X
 ClientSampleId :

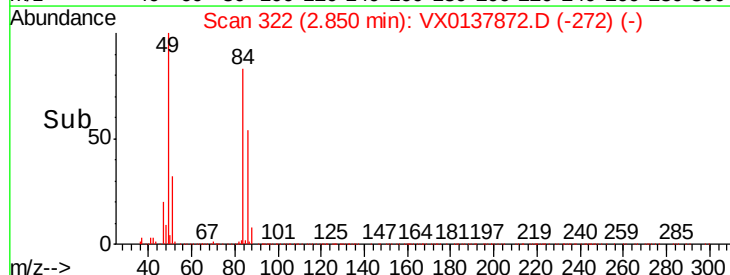
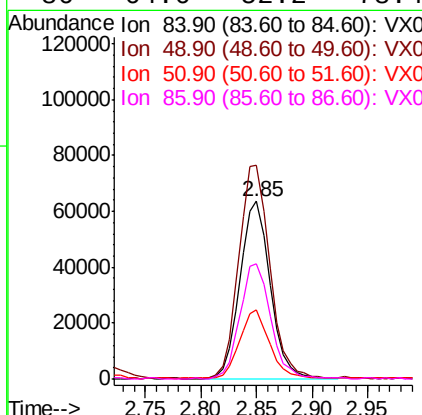
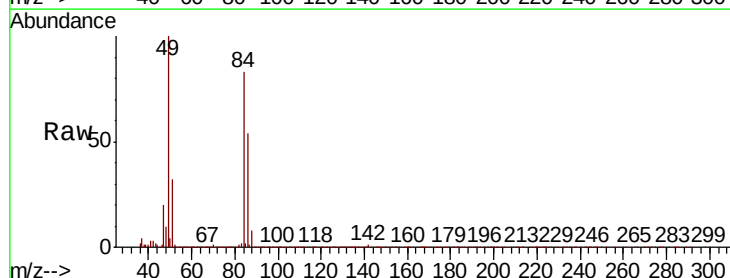
Tot Ion: 73 Resp: 349430
 Ion Ratio Lower Upper
 73 100
 57 20.9 18.3 27.5

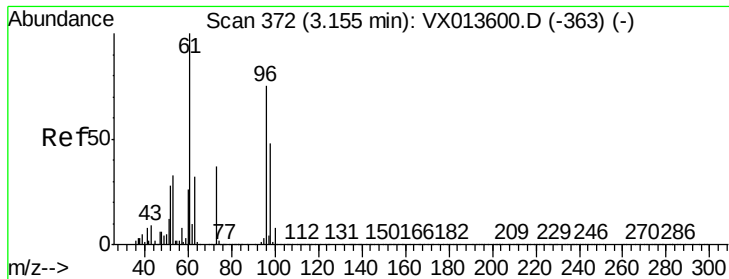


#20

Methylene Chloride
 Concen: 19.119 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

Tgt Ion: 84 Resp: 120168
 Ion Ratio Lower Upper
 84 100
 49 120.4 99.7 149.5
 51 38.7 29.9 44.9
 86 64.6 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 18.156 ug/l

RT: 3.15 min Scan# 372

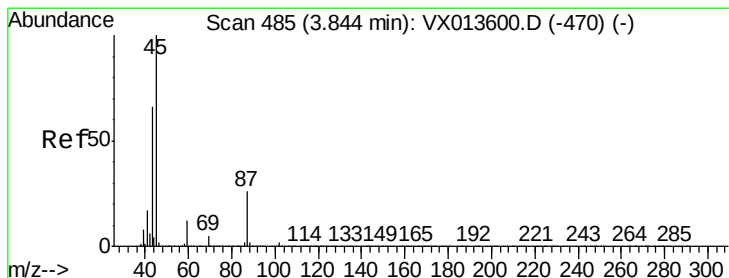
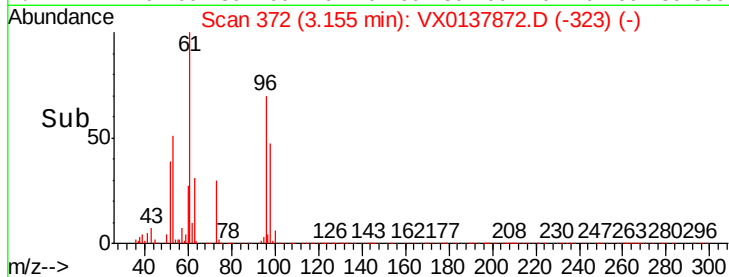
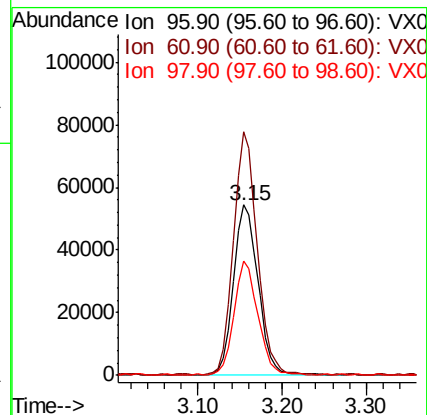
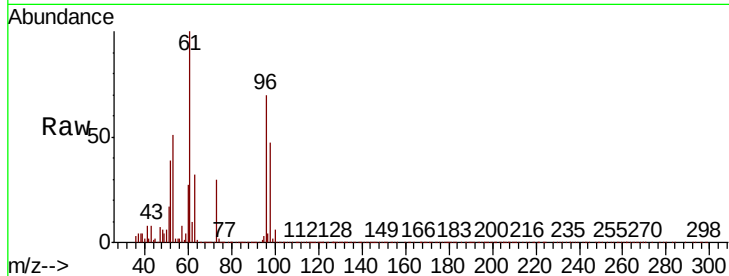
Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	96	Resp:	107458
Ion	Ratio	Lower	Upper
96	100		
61	142.9	107.2	160.8
98	66.6	51.4	77.0



#22

Diisopropyl ether

Concen: 20.126 ug/l

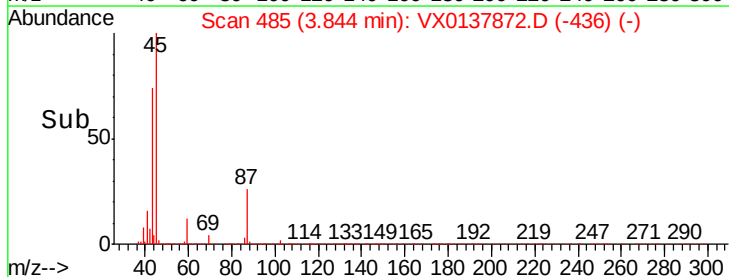
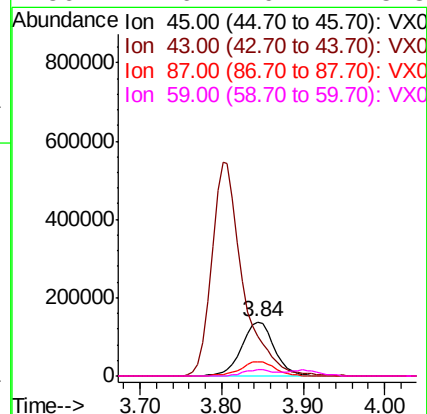
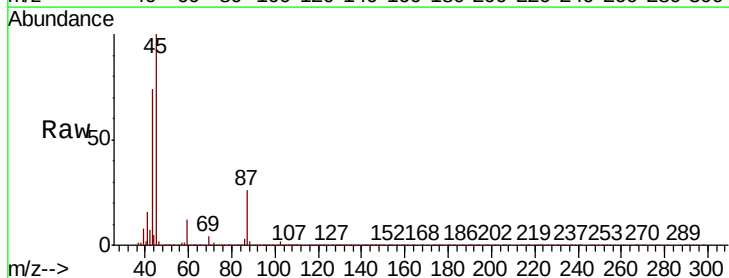
RT: 3.84 min Scan# 485

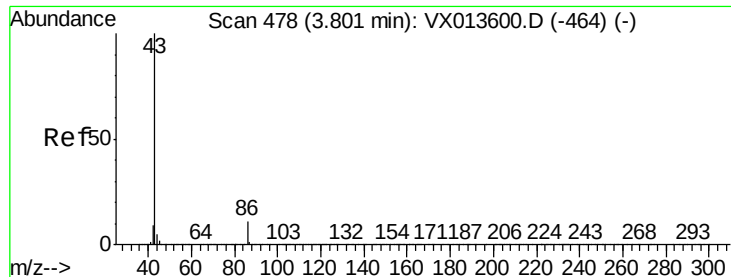
Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Tgt Ion:	45	Resp:	382081
Ion	Ratio	Lower	Upper
45	100		
43	73.1	52.6	79.0
87	25.9	21.1	31.7
59	11.6	9.2	13.8





#23

Vinyl Acetate

Concen: 91.946 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

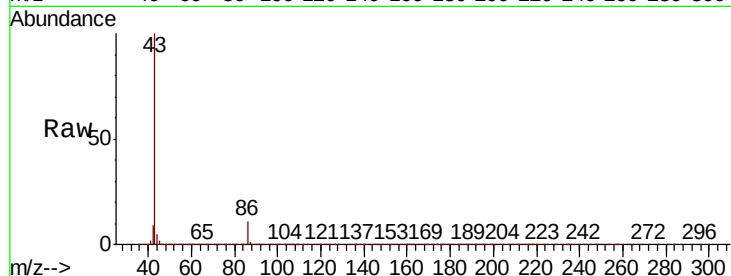
ClientSampleId :

Tot Ion: 43 Resp: 1452106

Ion Ratio Lower Upper

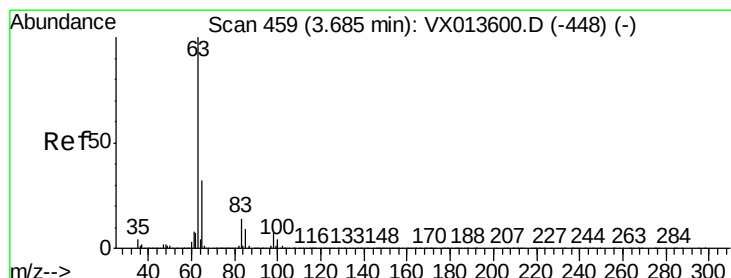
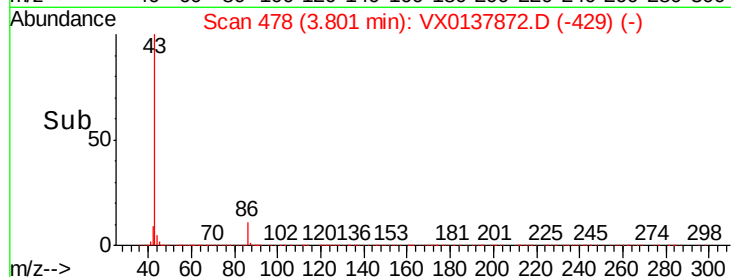
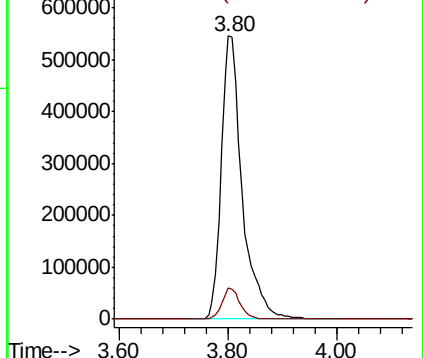
43 100

86 10.8 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.838 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

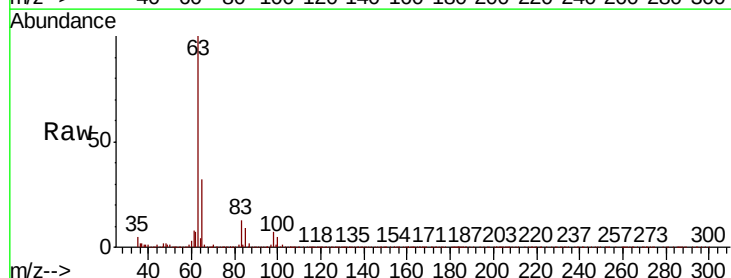
Tgt Ion: 63 Resp: 205877

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

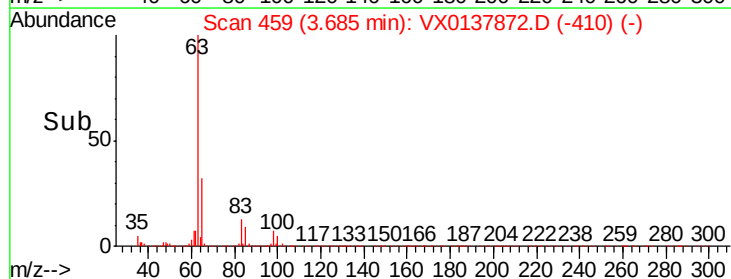
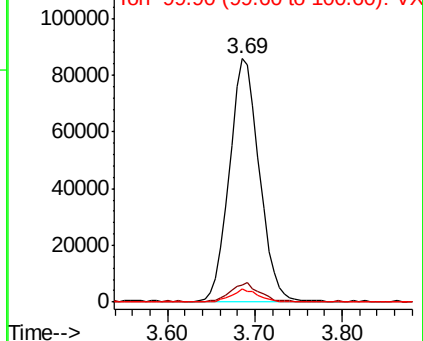
100 5.1 2.1 6.3

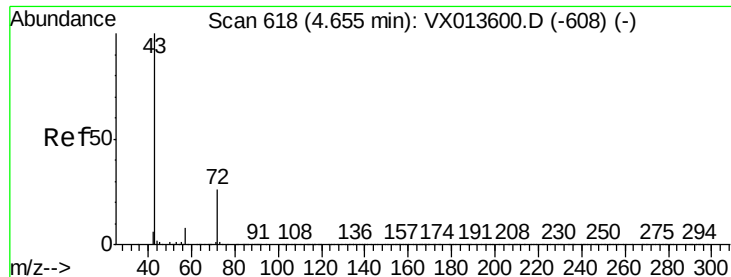


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.443 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

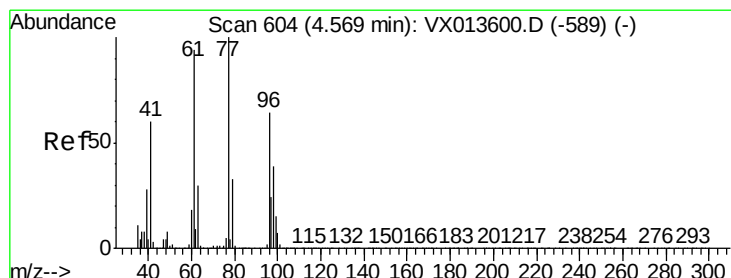
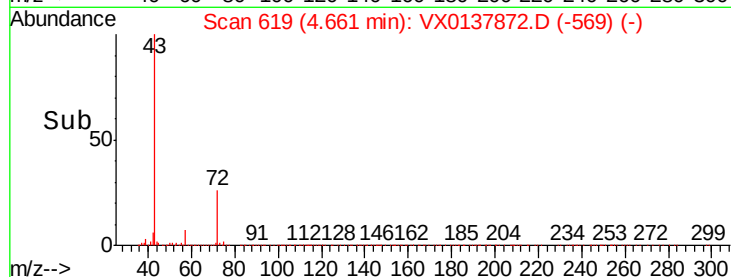
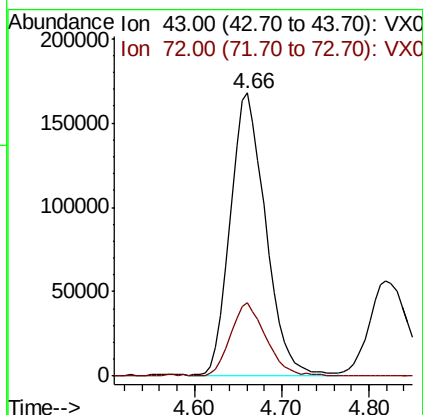
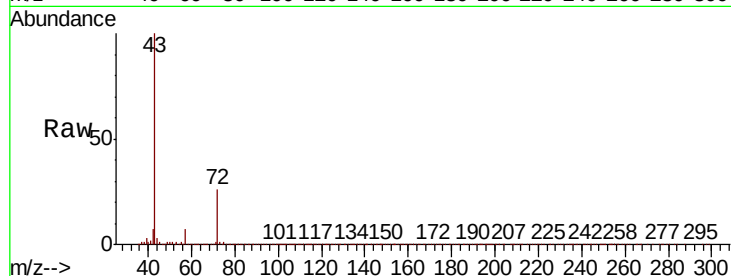
ClientSampleId :

Tot Ion: 43 Resp: 468932

Ion Ratio Lower Upper

43 100

72 25.8 20.6 31.0



#26

2,2-Dichloropropane

Concen: 15.338 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX0137872.D

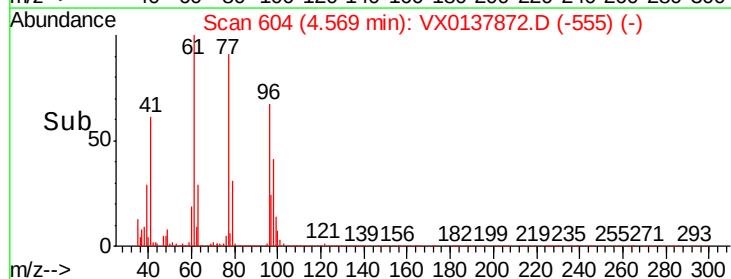
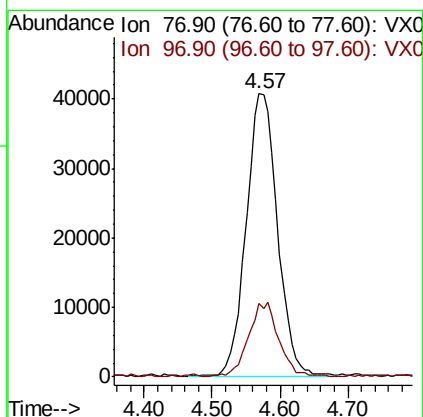
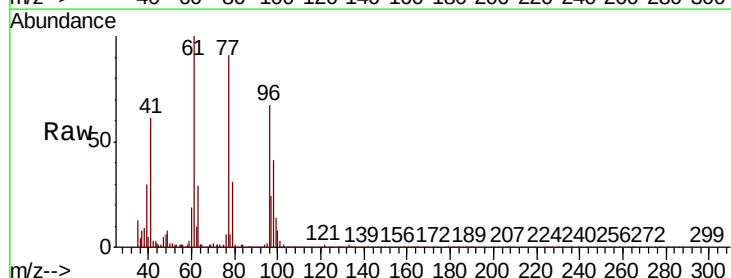
Acq: 10 Dec 2019 00:20

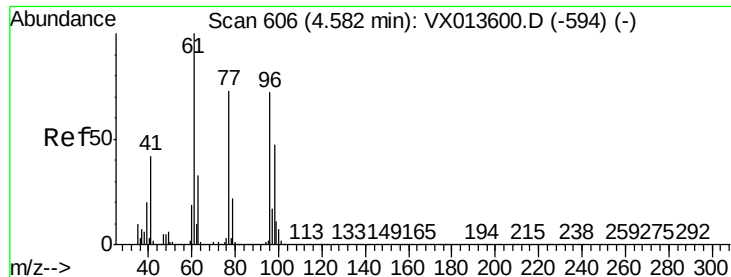
Tgt Ion: 77 Resp: 131698

Ion Ratio Lower Upper

77 100

97 25.2 12.0 36.1



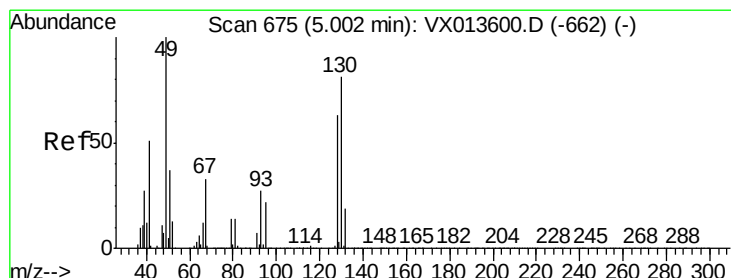
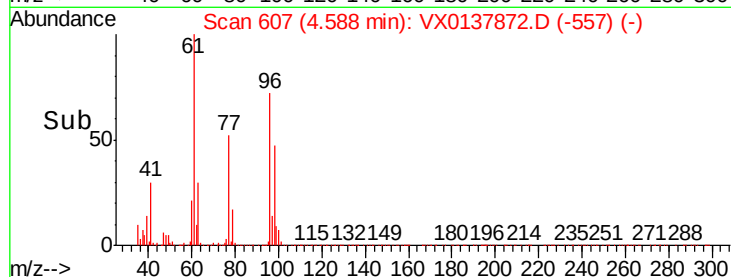
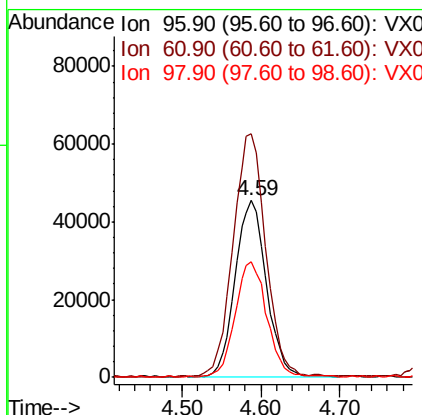
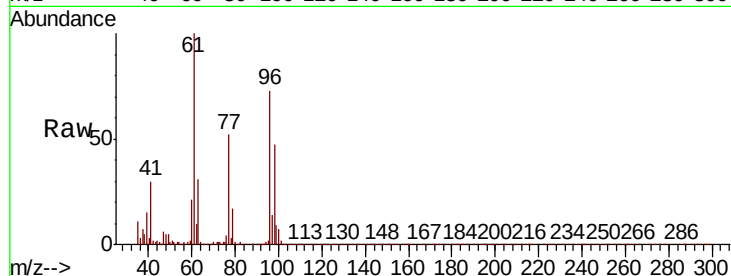


#27

cis-1,2-Dichloroethene
Concen: 18.584 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampled :

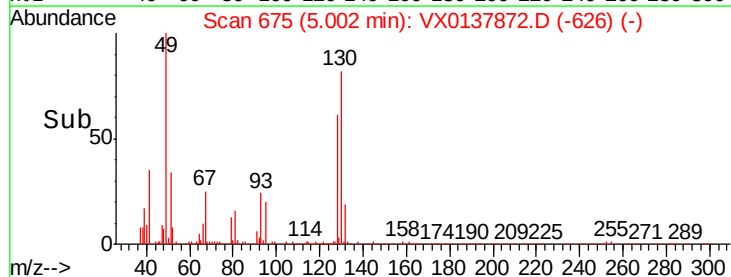
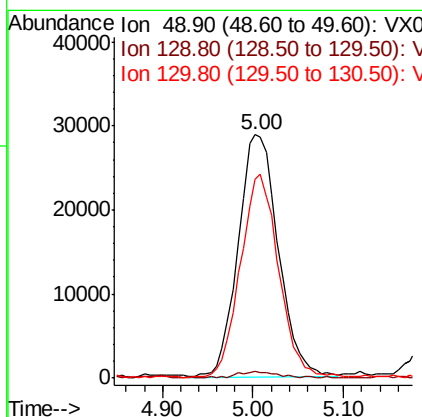
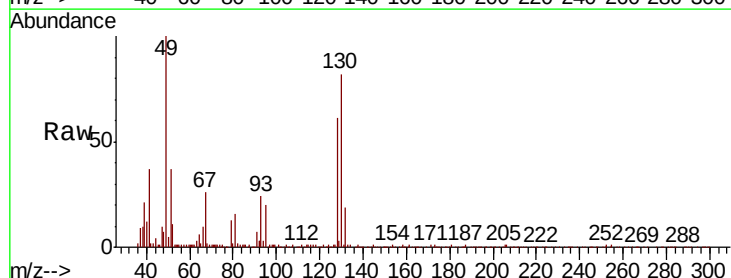
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	286.4
98	65.1	0.0	127.4

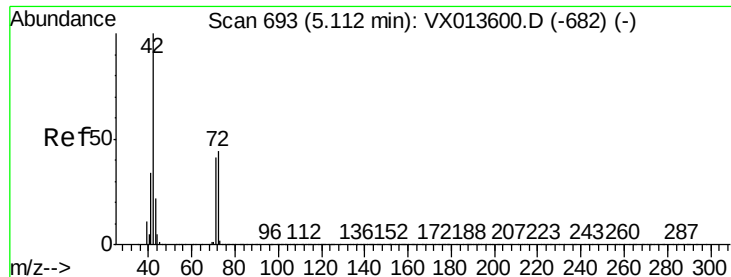


#28

Bromochloromethane
Concen: 21.567 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	79.7	65.4	98.0





#29

Tetrahydrofuran

Concen: 98.837 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX0137872.D

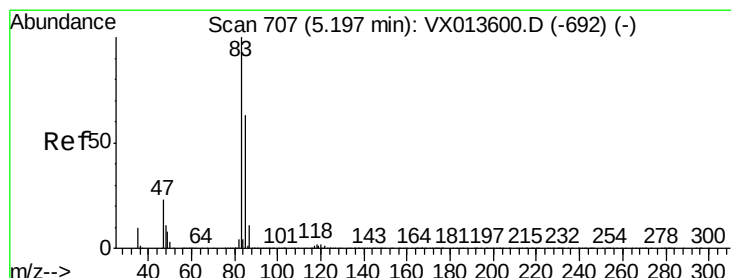
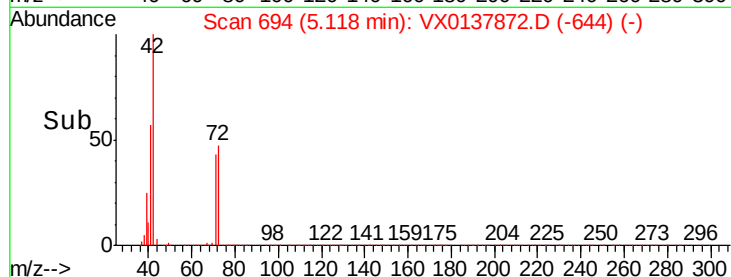
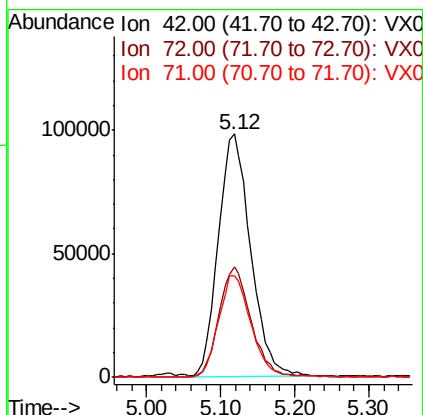
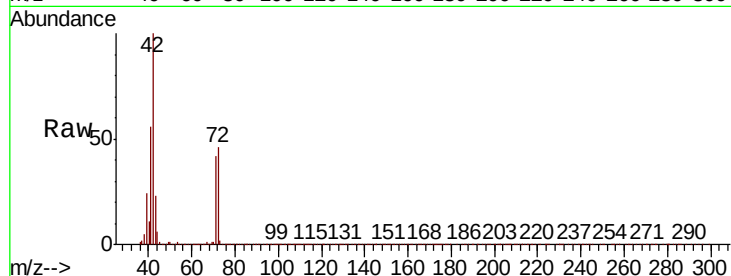
Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	42	Resp:	296257
Ion	Ratio	Lower	Upper
42	100		
72	45.2	36.3	54.5
71	41.8	33.2	49.8



#30

Chloroform

Concen: 18.966 ug/l

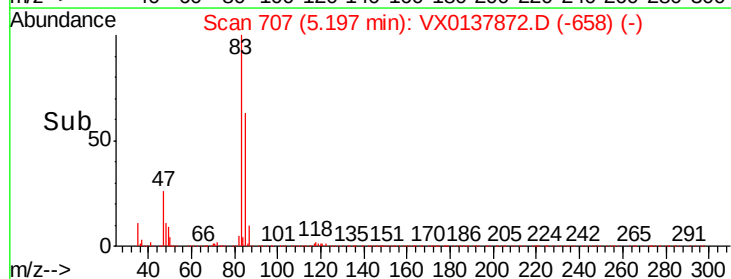
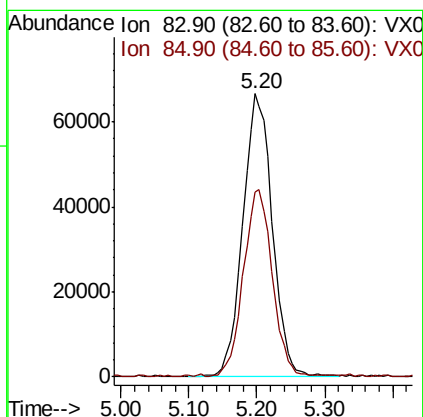
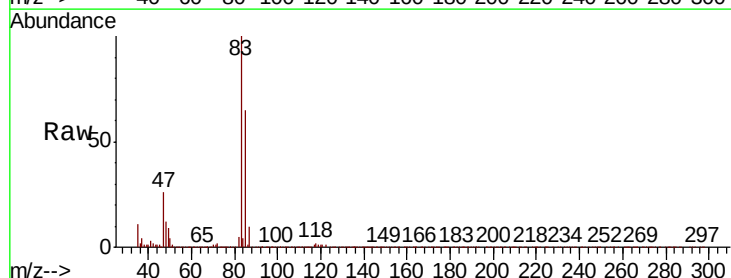
RT: 5.20 min Scan# 707

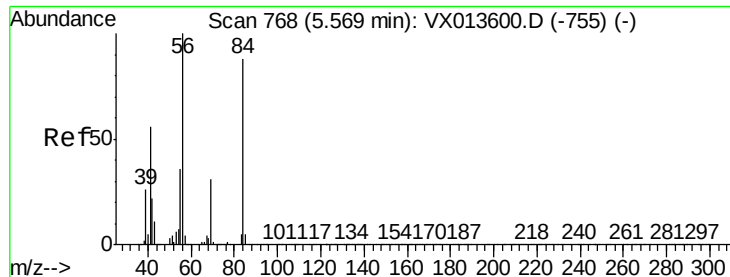
Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Tgt Ion:	83	Resp:	199613
Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.2	75.4

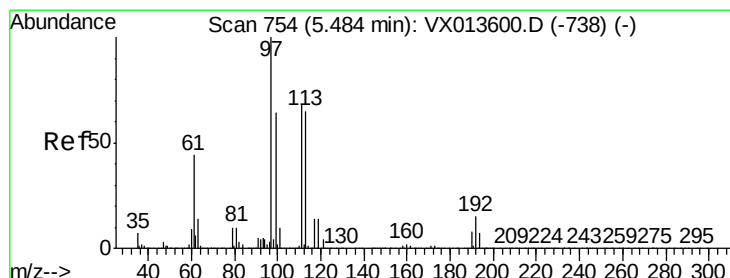
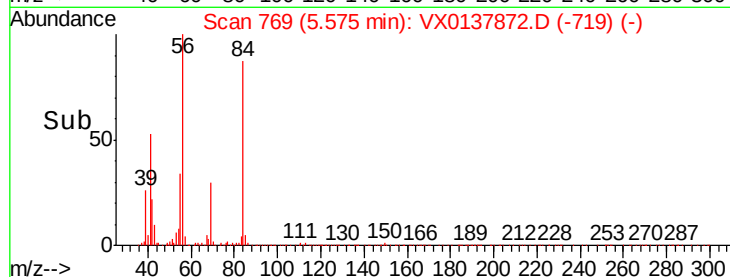
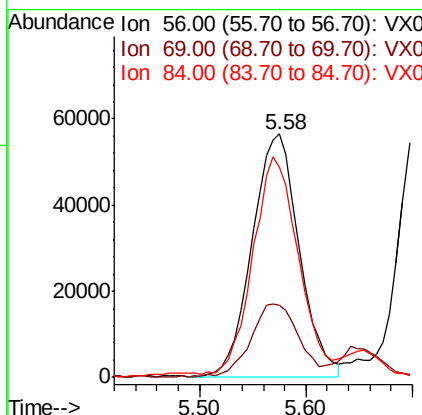
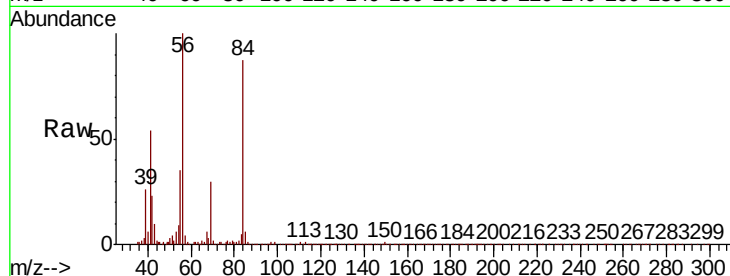




#31
Cyclohexane
Concen: 17.698 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

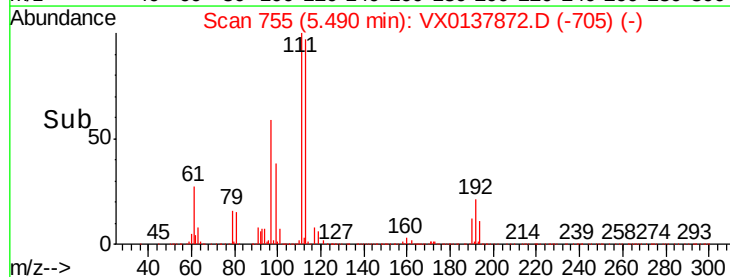
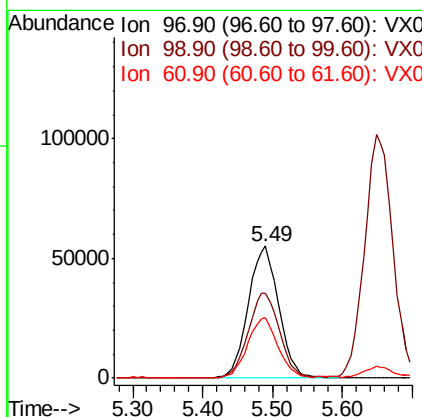
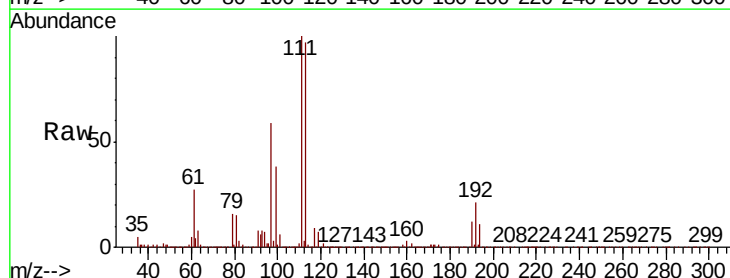
Instrument :
MSVOA_X
ClientSampleId :

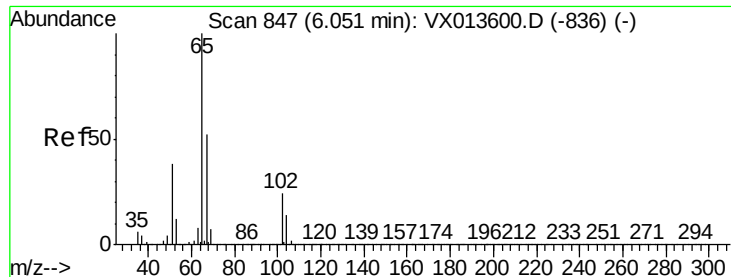
Tot Ion: 56 Resp: 173241
Ion Ratio Lower Upper
56 100
69 29.7 24.6 36.8
84 85.1 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 18.936 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion: 97 Resp: 166547
Ion Ratio Lower Upper
97 100
99 65.9 51.6 77.4
61 44.1 36.1 54.1

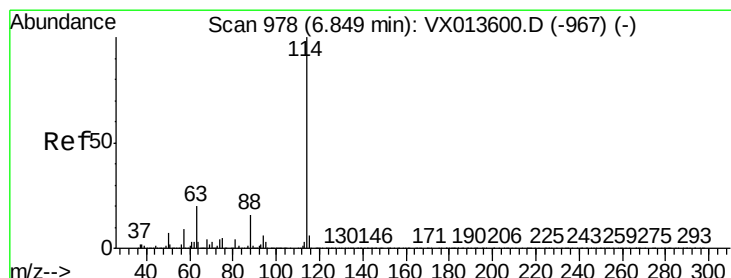
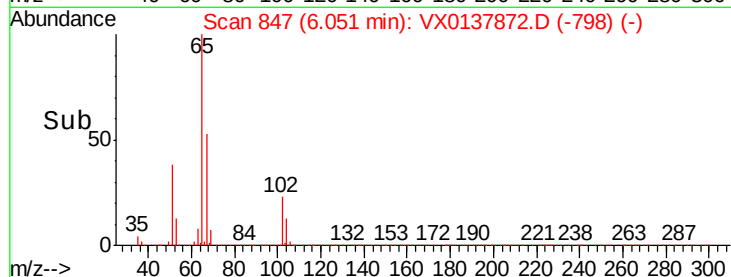
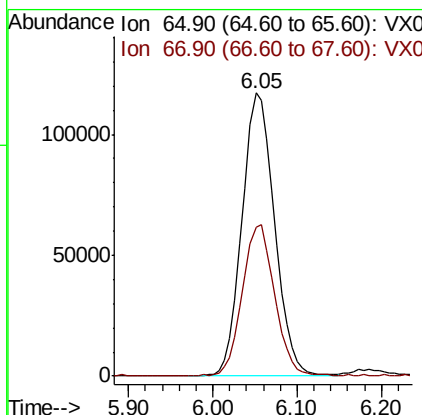
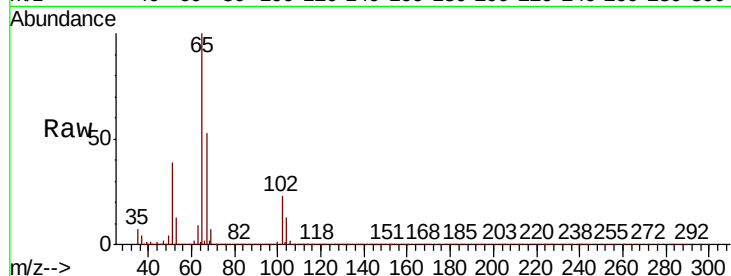




#33
 1,2-Dichloroethane-d4
 Concen: 46.090 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

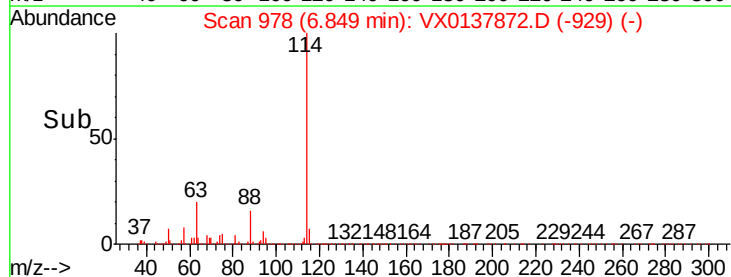
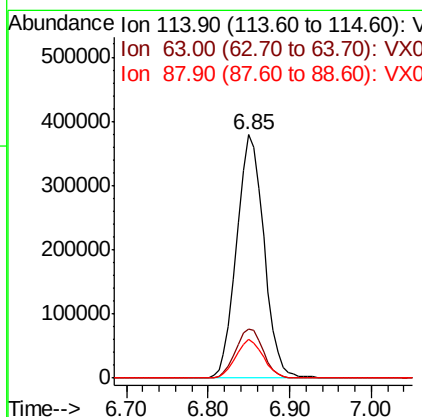
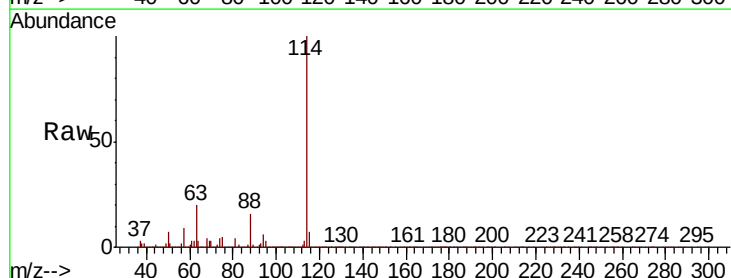
Instrument :
 MSVOA_X
 ClientSampleId :

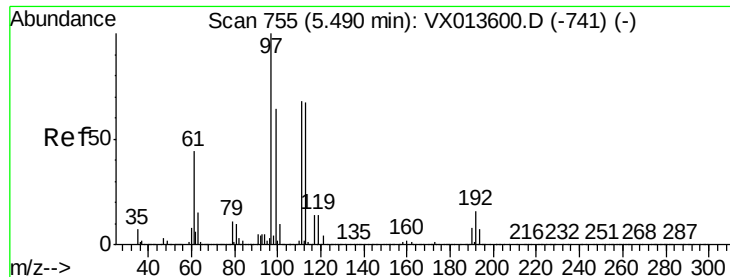
Tot Ion: 65 Resp: 305416
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

Tgt Ion: 114 Resp: 878377
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 15.8 0.0 31.4

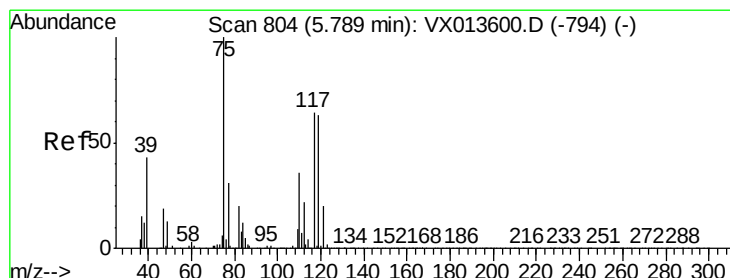
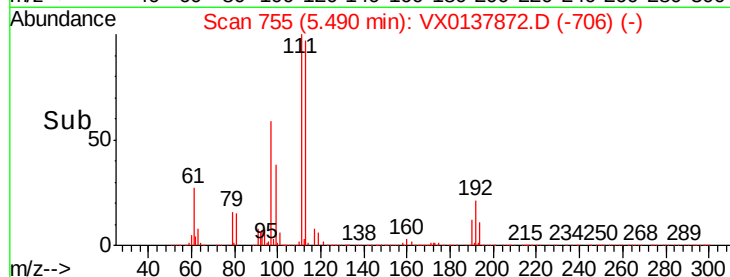
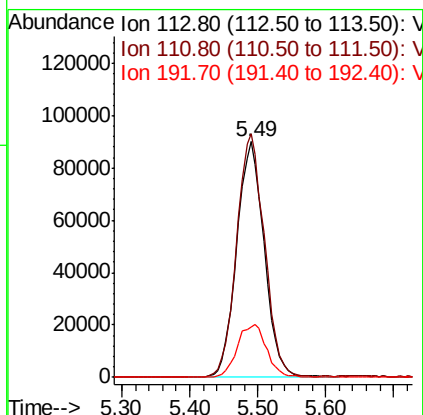
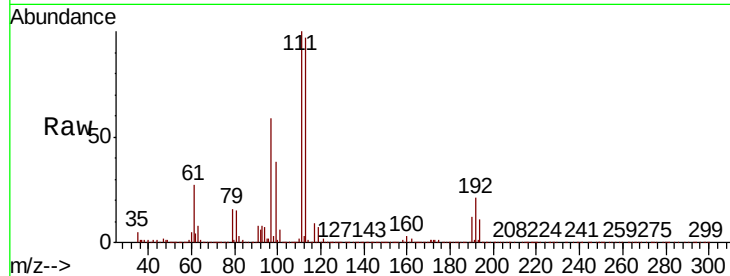




#35
 Dibromofluoromethane
 Concen: 46.554 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

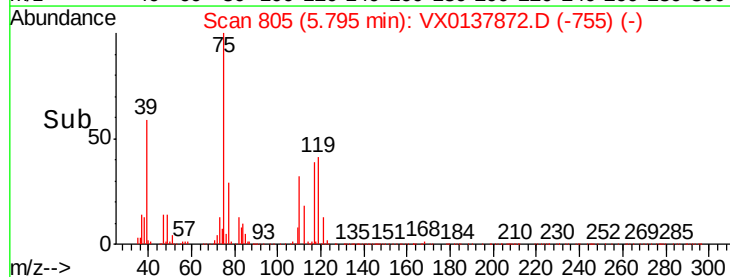
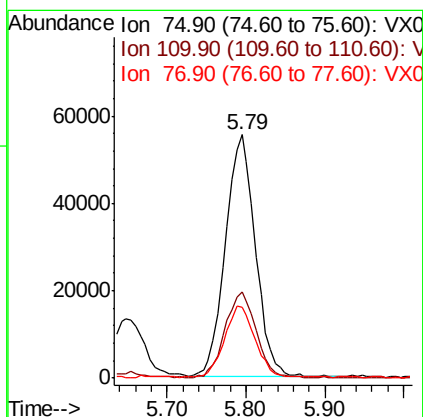
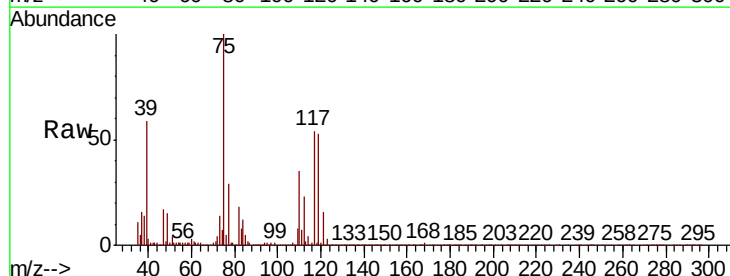
Instrument :
 MSVOA_X
 ClientSampleId :

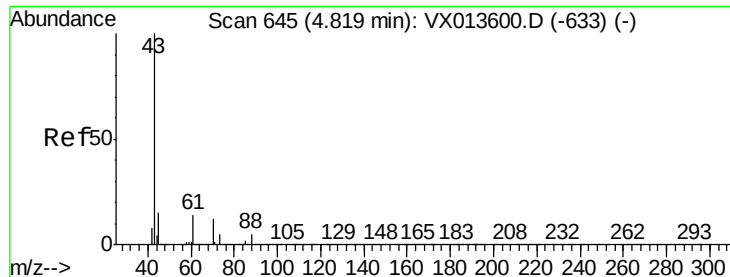
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.6	125.4
192	23.5	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 18.382 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.1	54.1
77	29.2	24.5	36.7

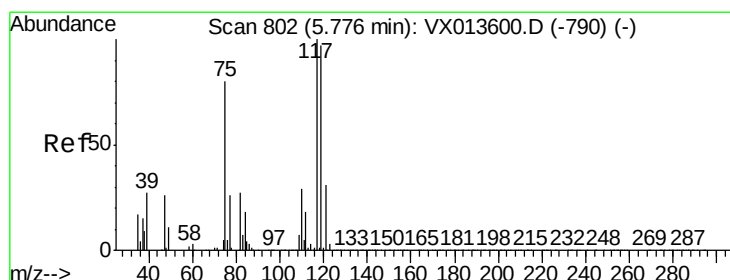
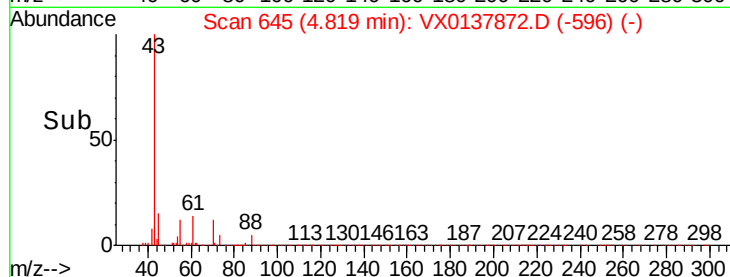
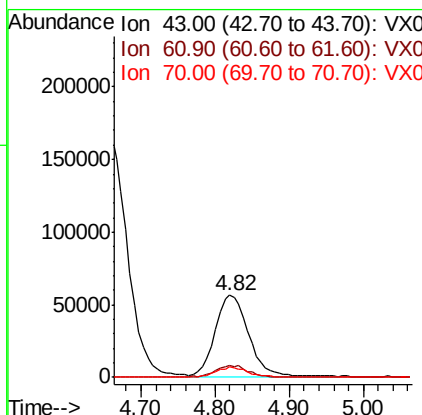
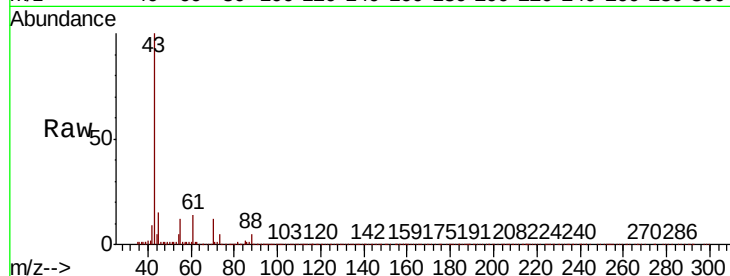




#37
Ethyl Acetate
Concen: 19.405 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

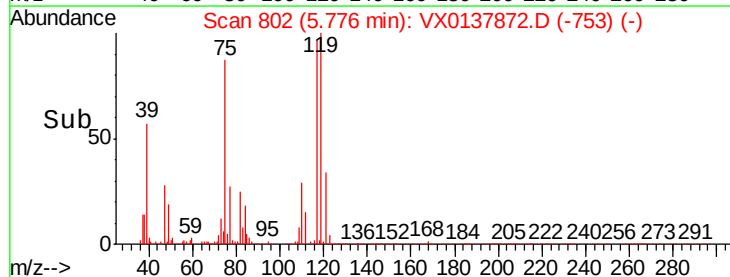
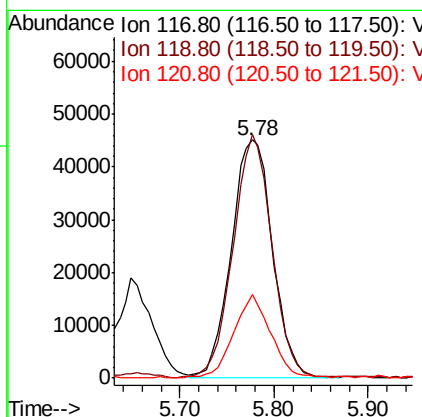
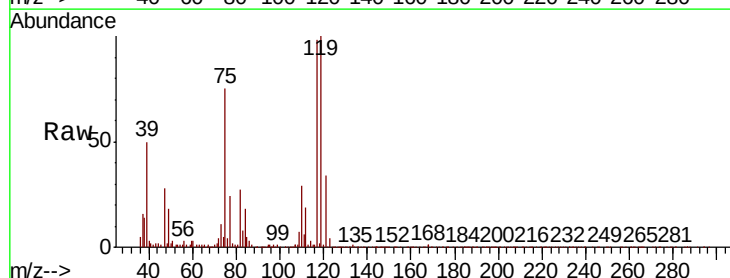
Instrument :
MSVOA_X
ClientSampleId :

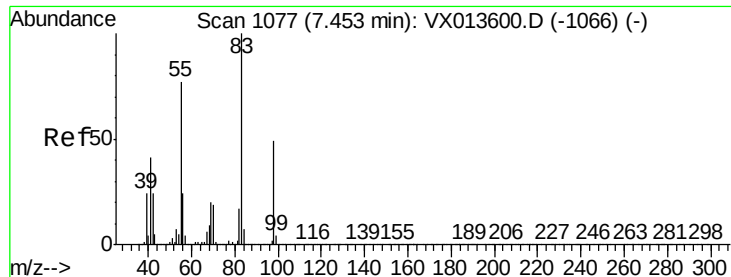
Tot Ion: 43 Resp: 173578
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.4
70 11.6 8.6 12.8



#38
Carbon Tetrachloride
Concen: 18.664 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion: 117 Resp: 137219
Ion Ratio Lower Upper
117 100
119 102.1 77.5 116.3
121 34.7 25.0 37.6

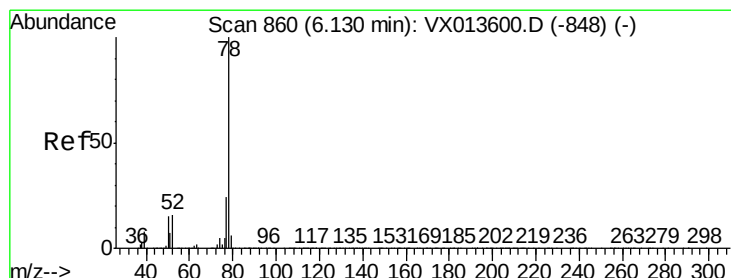
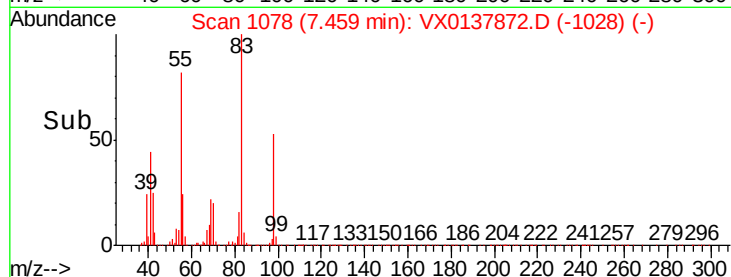
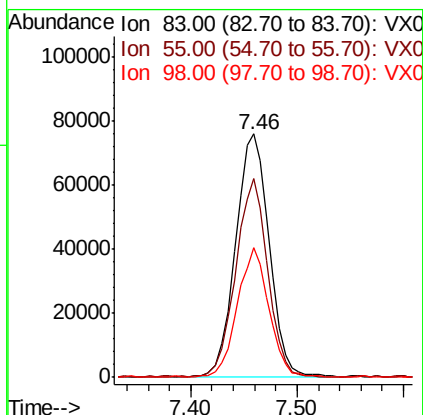
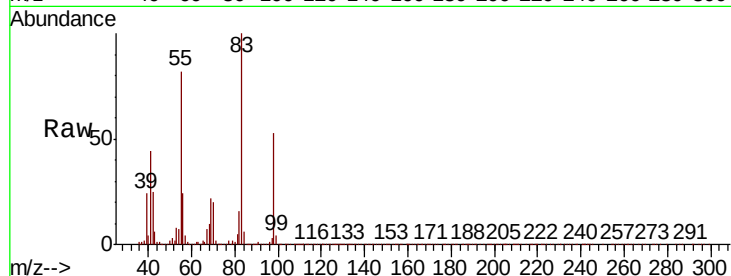




#39
Methylvlcyclohexane
Concen: 16.949 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

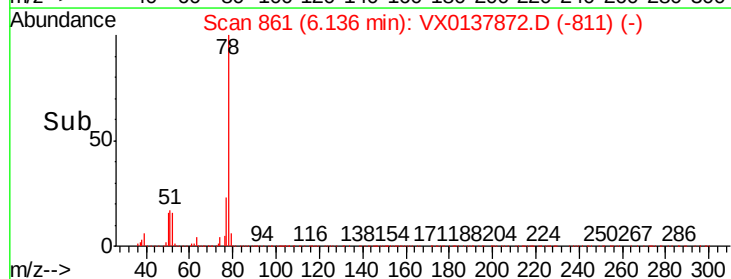
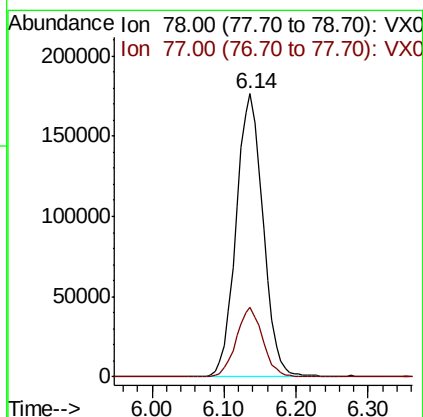
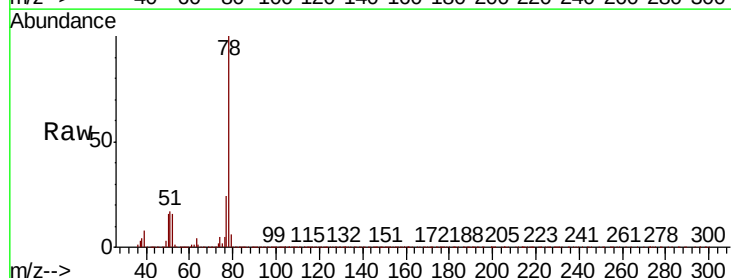
Instrument :
MSVOA_X
ClientSampleId :

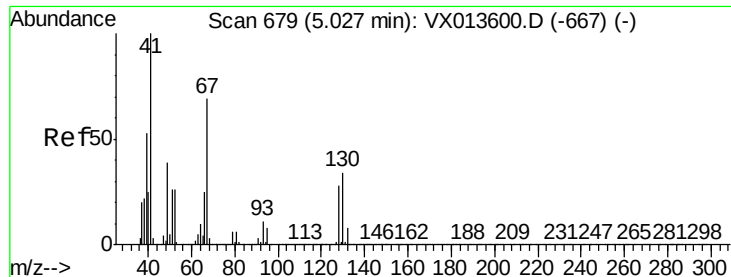
Tot Ion	Ratio	Lower	Upper
83	100		
55	81.9	61.9	92.9
98	53.1	39.4	59.0



#40
Benzene
Concen: 18.850 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.4

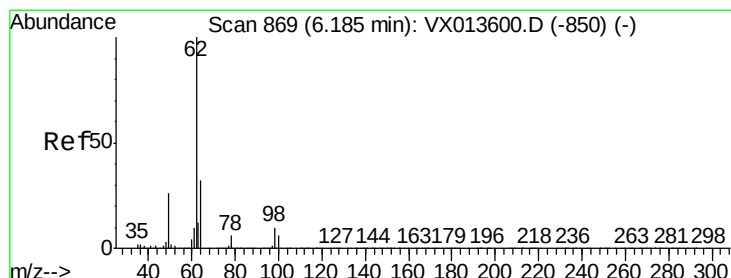
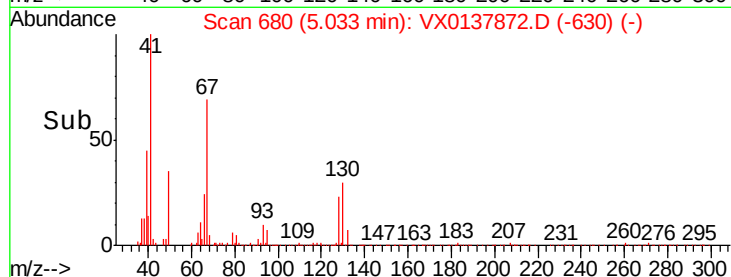
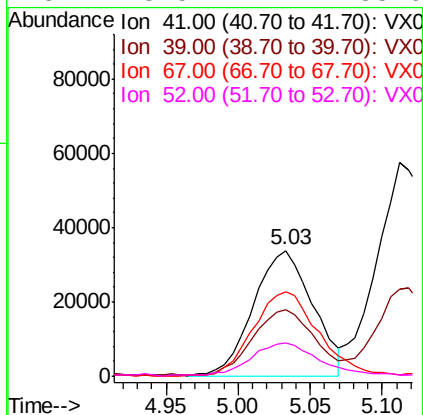
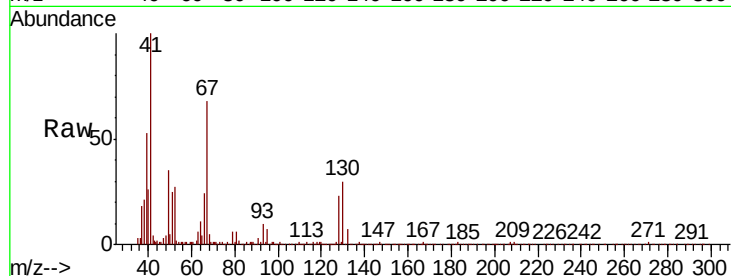




#41
Methacrylonitrile
Concen: 19.843 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

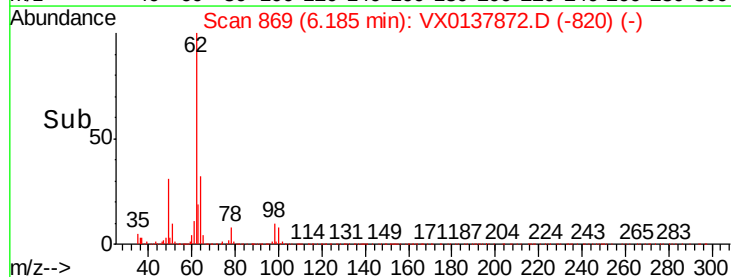
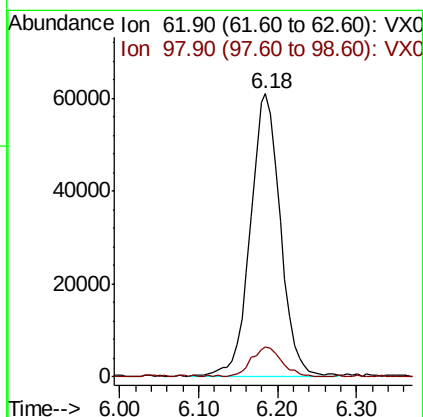
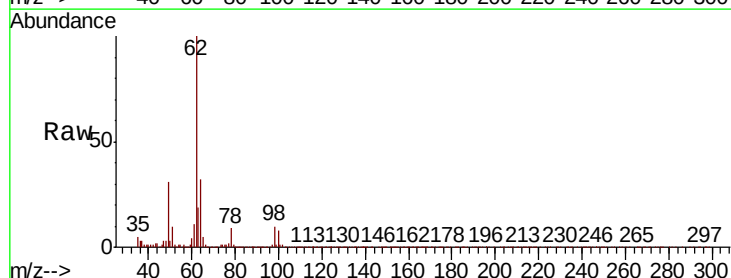
Instrument :
MSVOA_X
ClientSampleId :

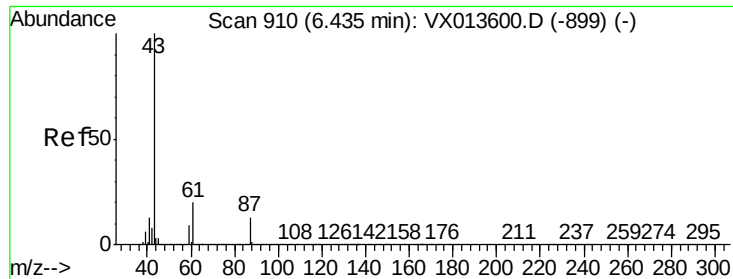
Tot Ion:	41	Resp:	97344
Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.9	64.3
67	74.0	57.4	86.0
52	28.5	22.4	33.6



#42
1,2-Dichloroethane
Concen: 19.544 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion:	62	Resp:	161868
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.8





#43

Isopropyl Acetate

Concen: 18.940 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampled :

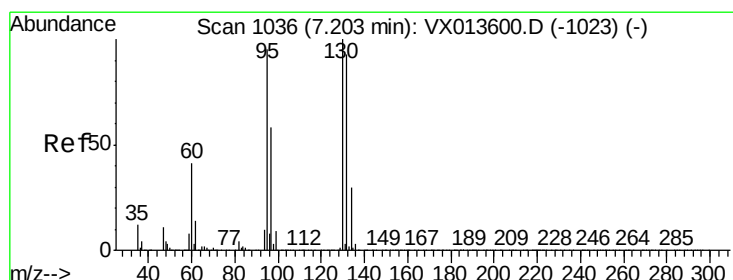
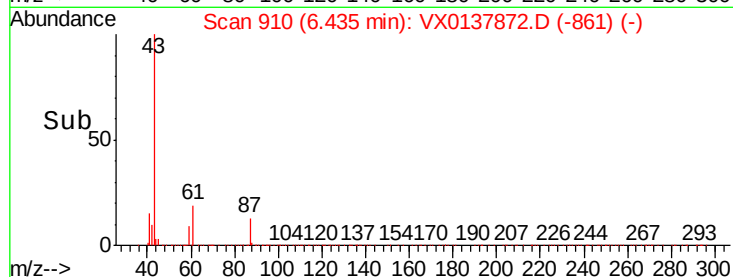
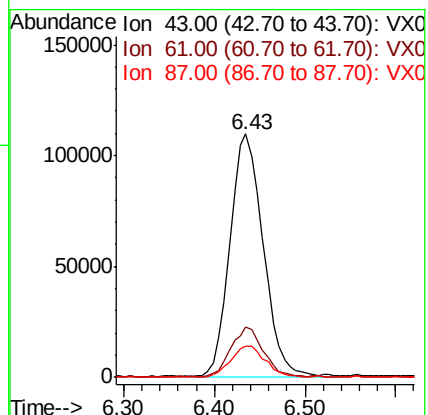
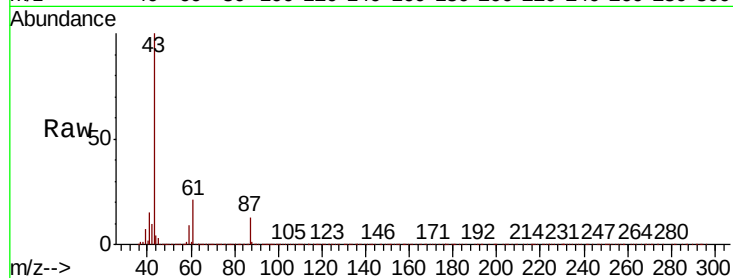
Tot Ion: 43 Resp: 278914

Ion Ratio Lower Upper

43 100

61 20.0 16.3 24.5

87 13.6 10.8 16.2



#44

Trichloroethene

Concen: 18.443 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX0137872.D

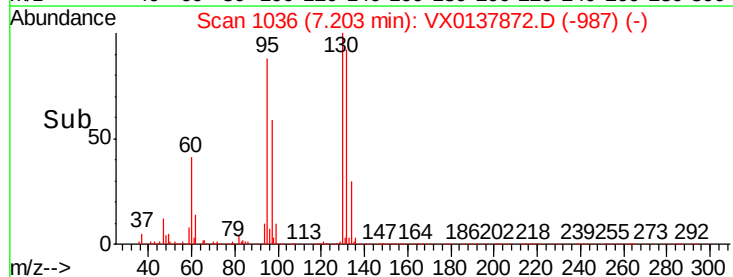
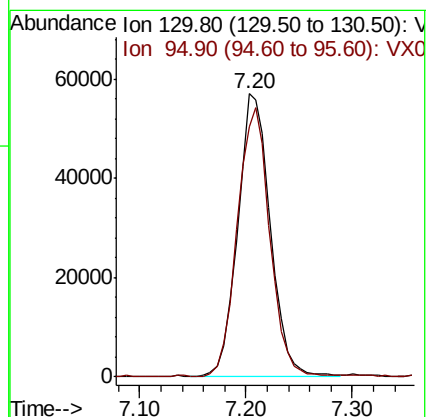
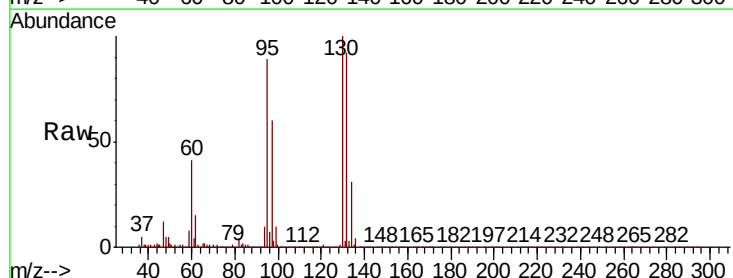
Acq: 10 Dec 2019 00:20

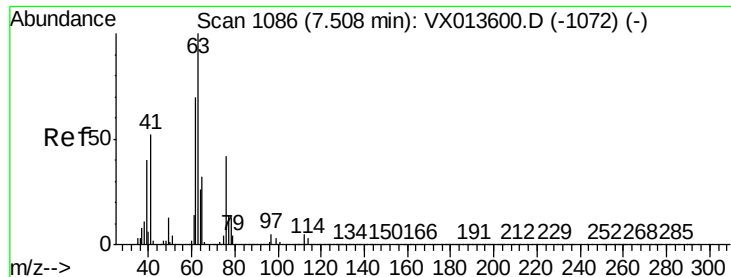
Tgt Ion:130 Resp: 122921

Ion Ratio Lower Upper

130 100

95 88.7 0.0 190.8

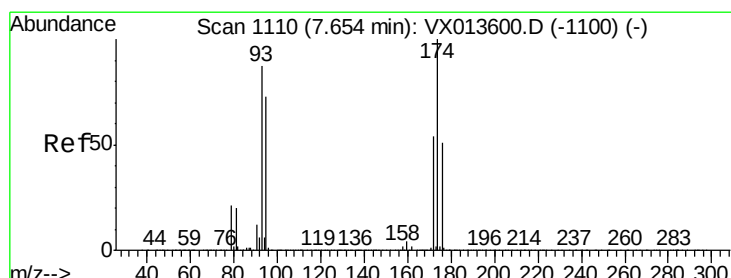
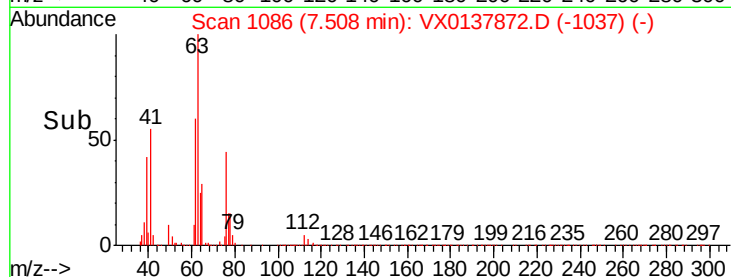
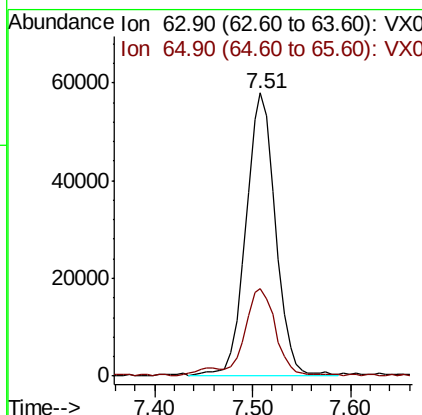
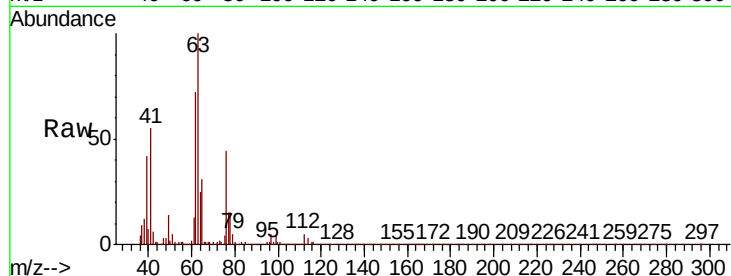




#45
 1,2-Dichloropropane
 Concen: 19.739 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

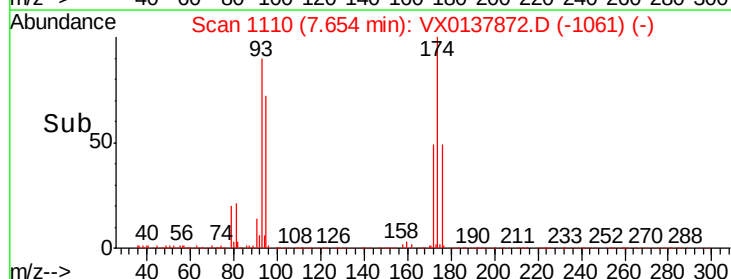
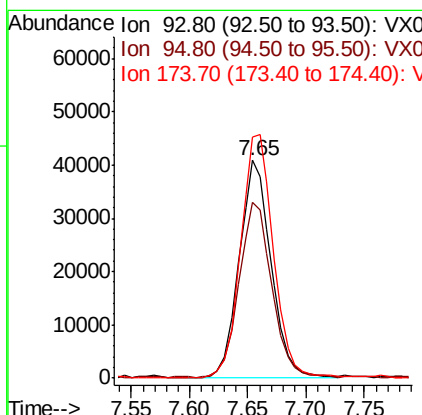
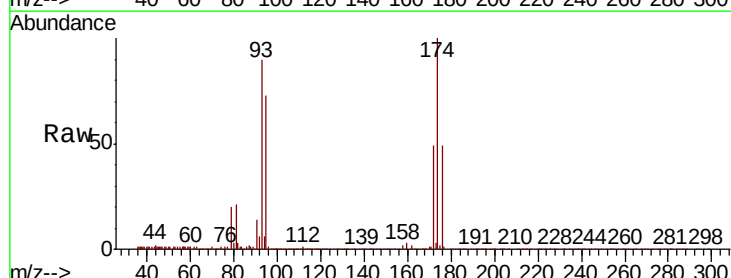
Instrument :
 MSVOA_X
 ClientSampleId :

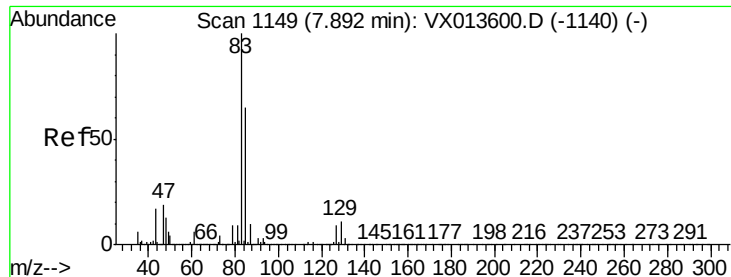
Tot Ion: 63 Resp: 119930
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.5 38.3



#46
 Dibromomethane
 Concen: 18.903 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

Tgt Ion: 93 Resp: 78006
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.2 99.2
 174 115.3 93.4 140.0





#47

Bromodichloromethane

Concen: 18.755 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :

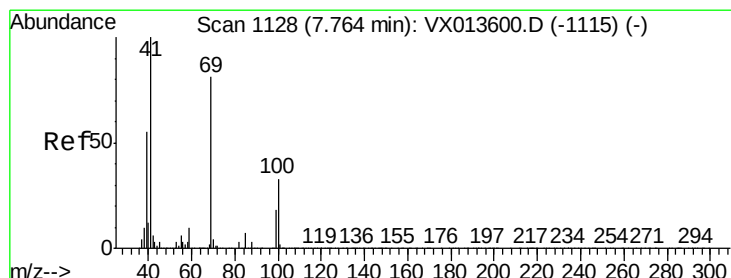
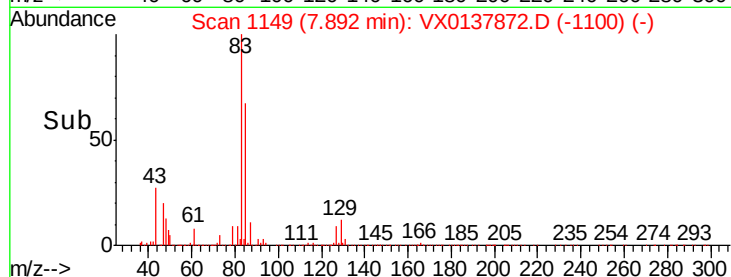
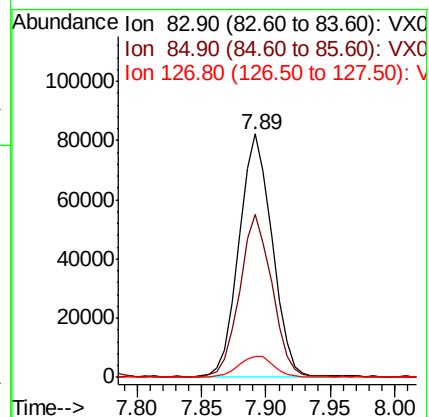
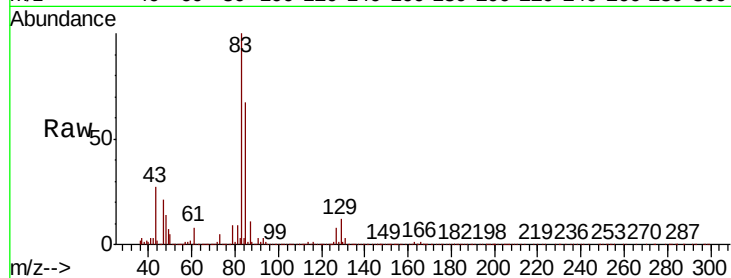
Tot Ion: 83 Resp: 146311

Ion Ratio Lower Upper

83 100

85 67.2 52.1 78.1

127 8.4 7.0 10.4



#48

Methyl methacrylate

Concen: 19.112 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

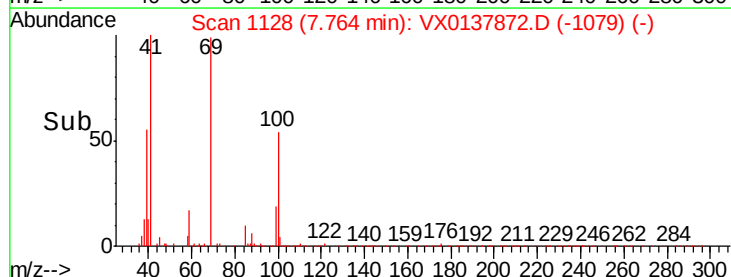
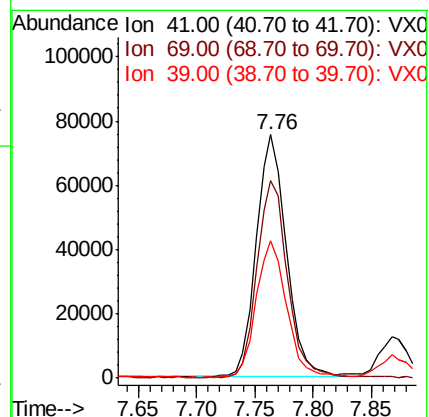
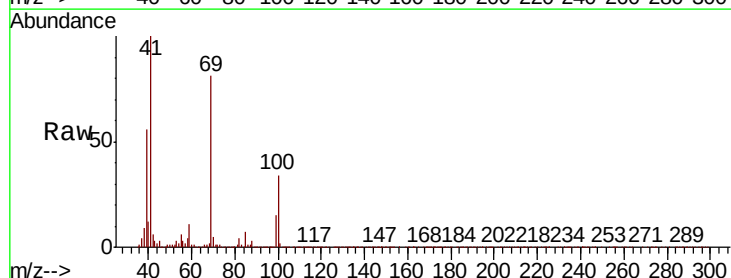
Tgt Ion: 41 Resp: 136750

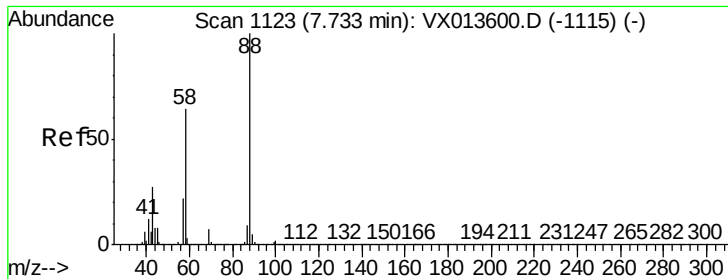
Ion Ratio Lower Upper

41 100

69 83.0 64.7 97.1

39 58.6 43.8 65.6

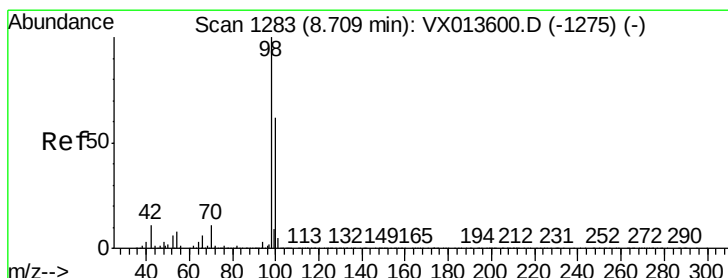
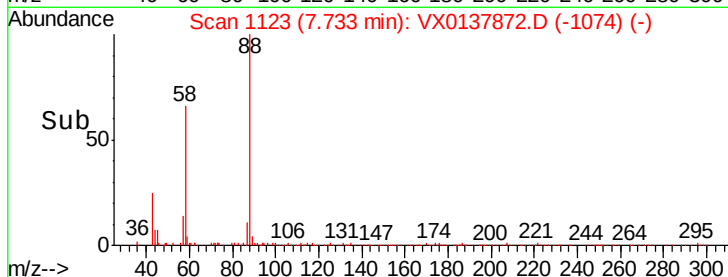
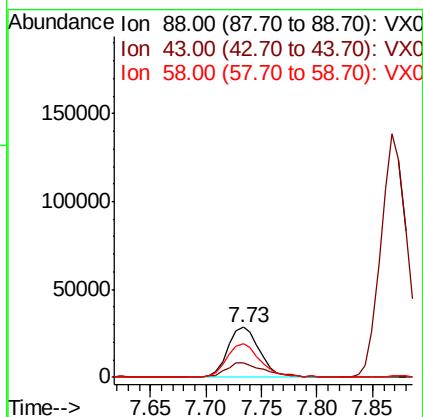
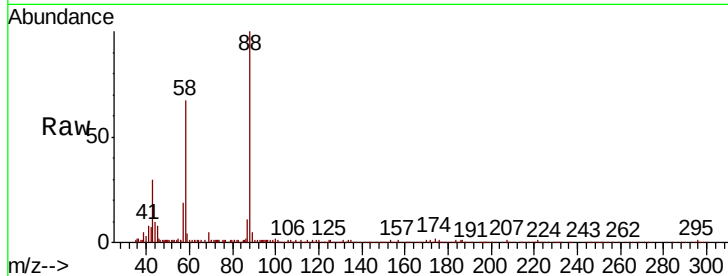




#49
1,4-Dioxane
Concen: 352.485 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

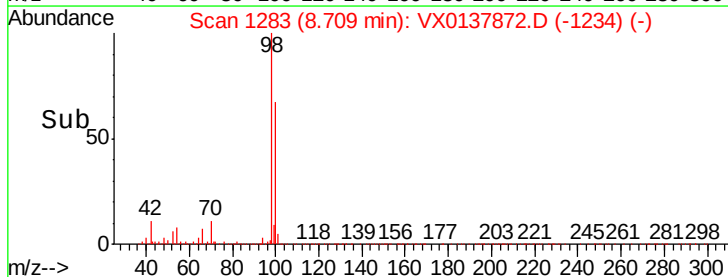
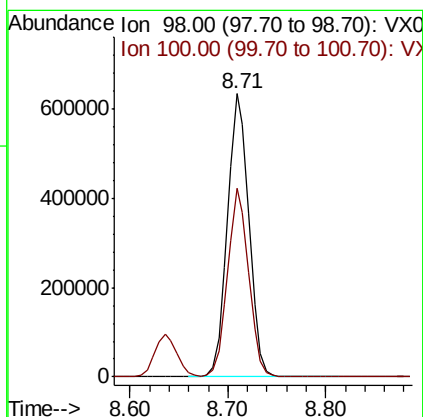
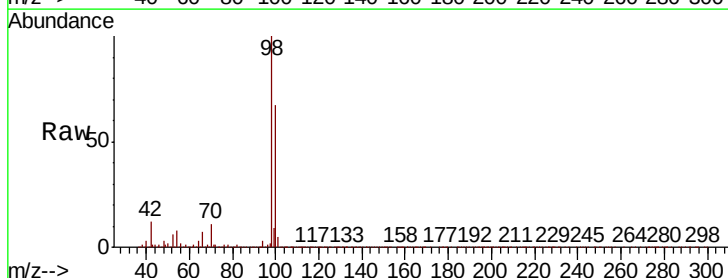
Instrument :
MSVOA_X
ClientSampleId :

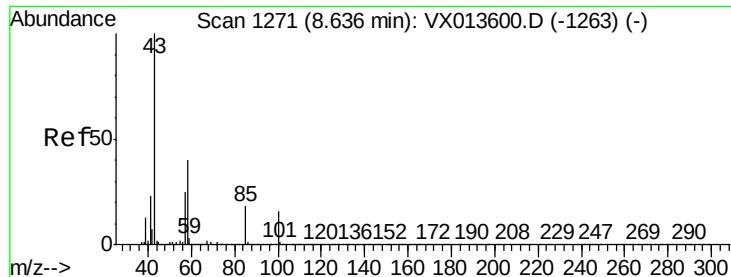
Tot Ion	Ratio	Lower	Upper
88	100		
43	36.9	25.8	38.6
58	70.6	54.6	82.0



#50
Toluene-d8
Concen: 45.502 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 98.883 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

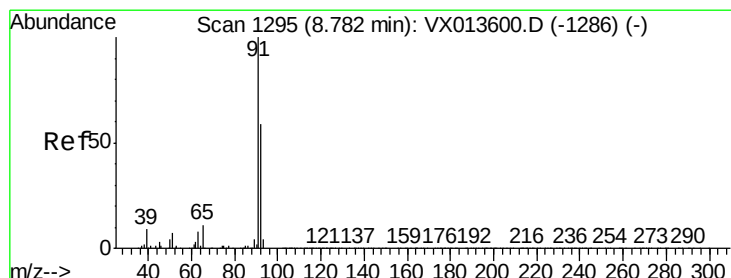
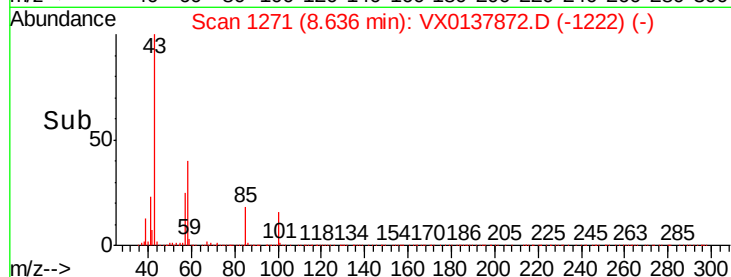
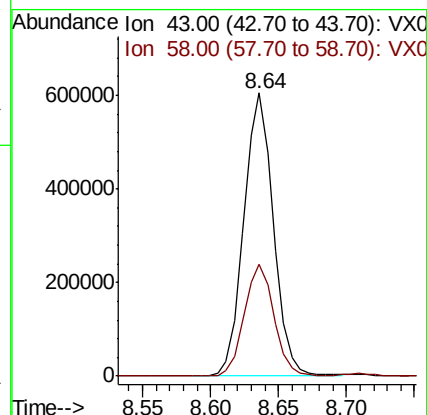
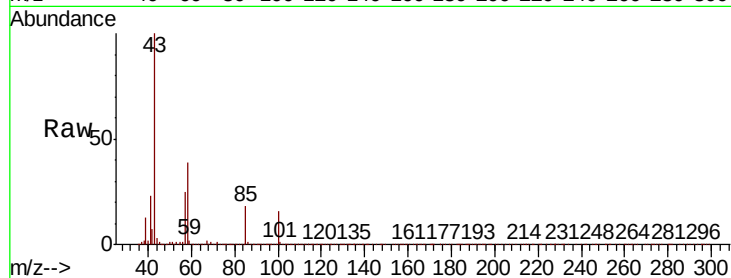
ClientSampleId :

Tot Ion: 43 Resp: 915974

Ion Ratio Lower Upper

43 100

58 39.7 32.1 48.1



#52

Toluene

Concen: 19.123 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX0137872.D

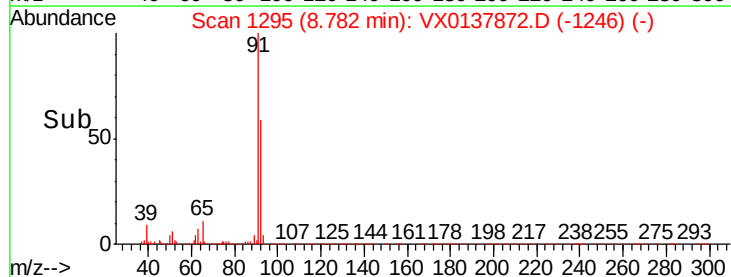
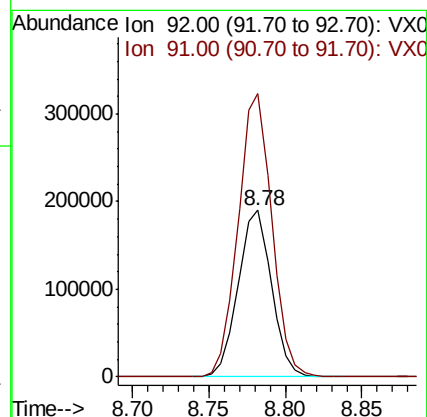
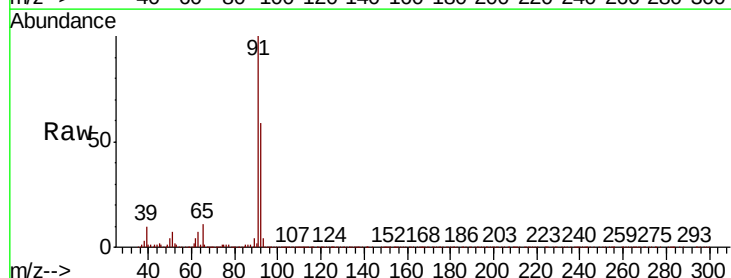
Acq: 10 Dec 2019 00:20

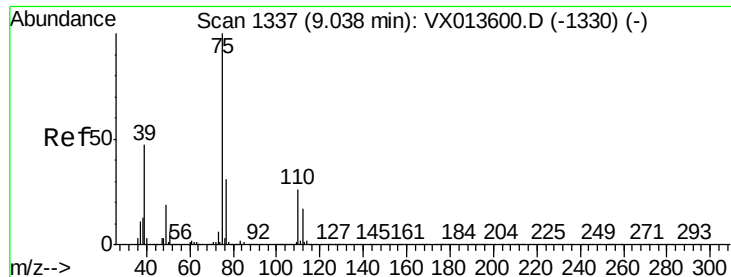
Tgt Ion: 92 Resp: 288501

Ion Ratio Lower Upper

92 100

91 171.6 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 17.468 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

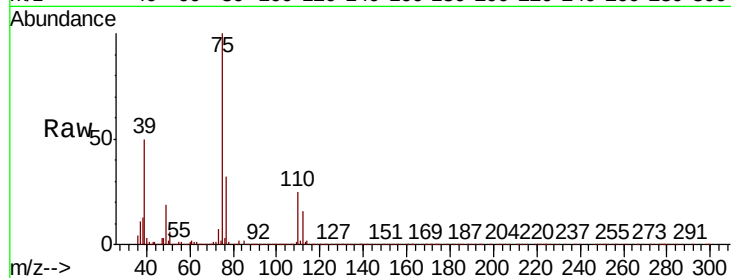
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 155113

Ion Ratio Lower Upper

75 100

77 31.8 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

120000

100000

80000

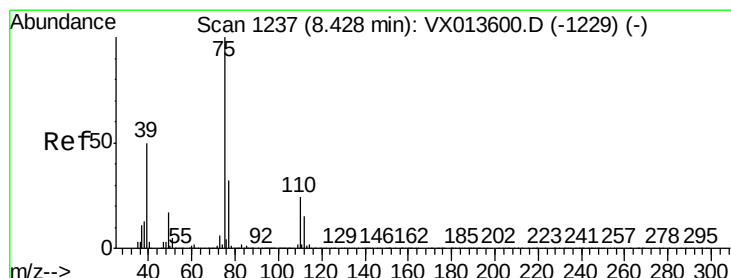
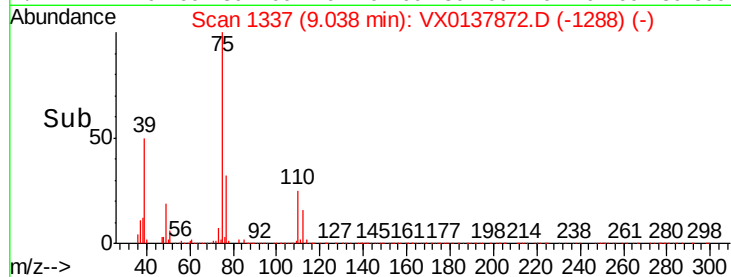
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 17.899 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

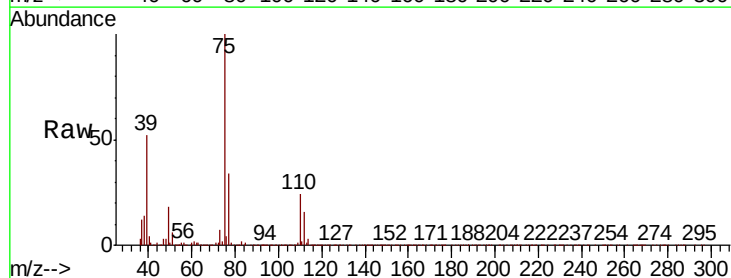
Tgt Ion: 75 Resp: 173646

Ion Ratio Lower Upper

75 100

77 33.6 25.8 38.6

39 51.5 39.9 59.9



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

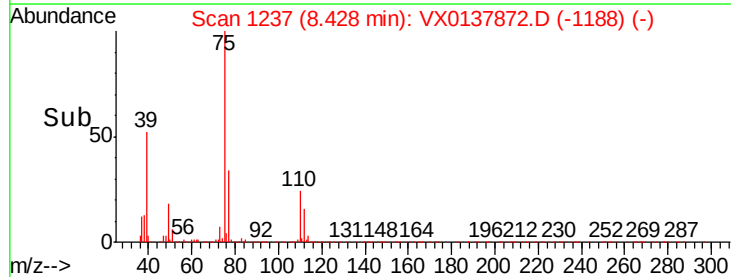
150000

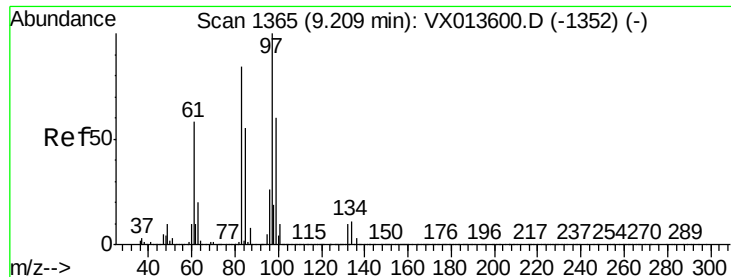
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 19.928 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 121155

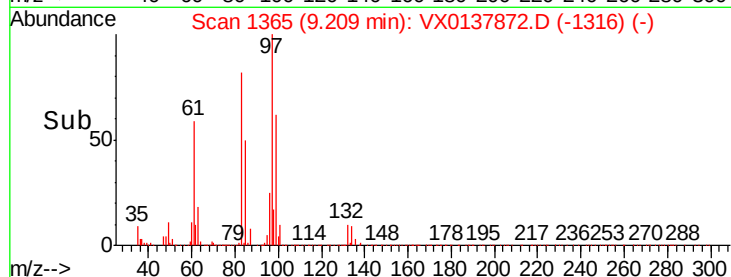
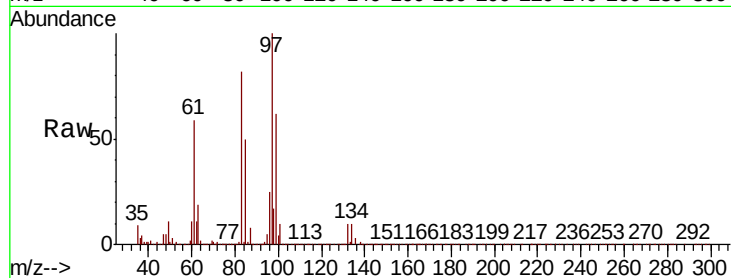
Ion	Ratio	Lower	Upper
97	100		
83	82.2	67.3	100.9
85	49.8	43.6	65.4
99	62.3	48.2	72.4

97 100

83 82.2 67.3 100.9

85 49.8 43.6 65.4

99 62.3 48.2 72.4

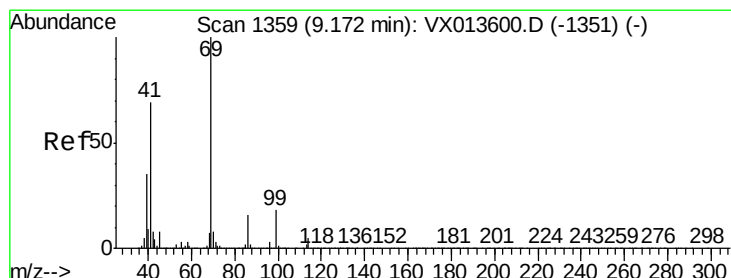
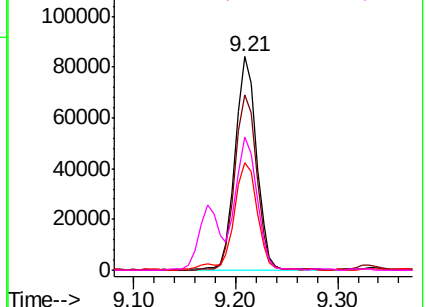


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.120 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

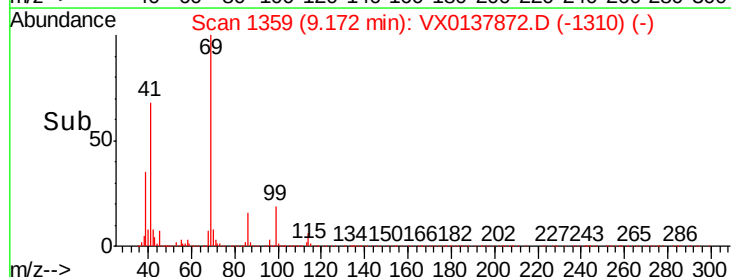
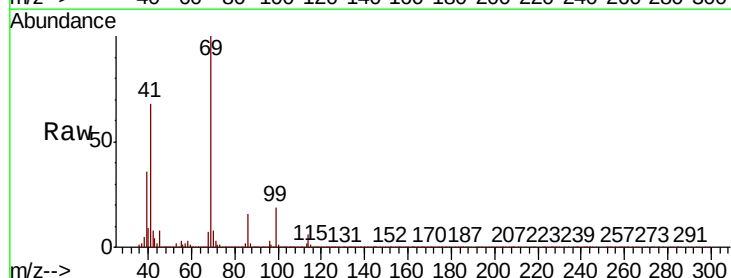
Tgt Ion: 69 Resp: 186885

Ion	Ratio	Lower	Upper
69	100		
41	67.2	55.0	82.4
39	36.2	28.7	43.1

69 100

41 67.2 55.0 82.4

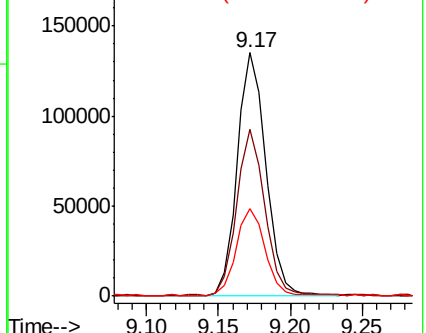
39 36.2 28.7 43.1

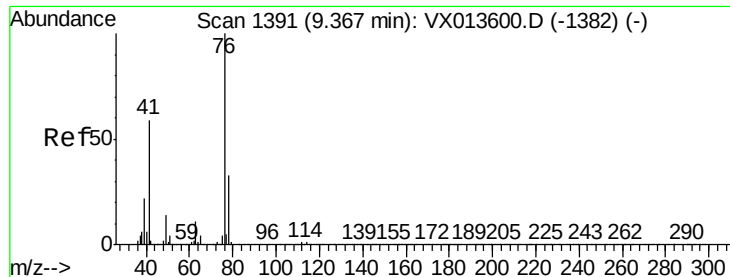


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

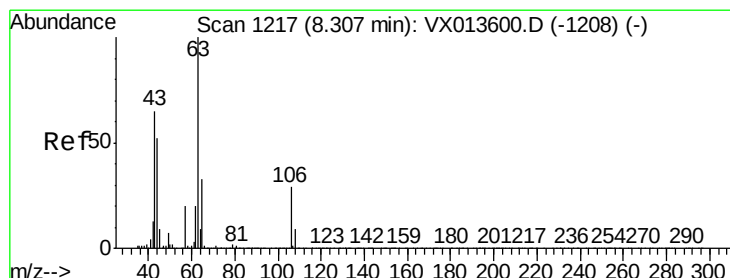
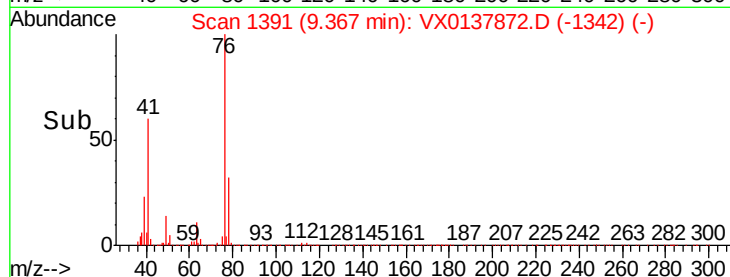
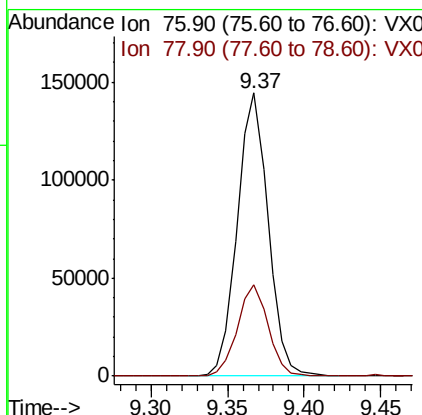
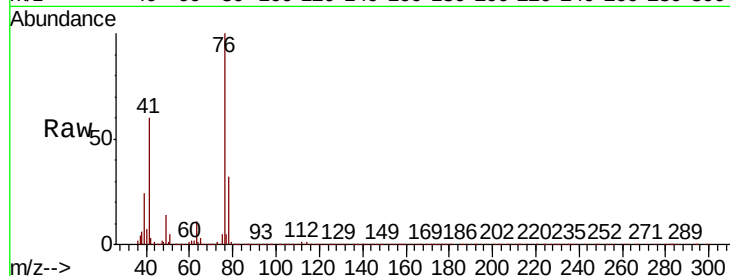




#57
 1,3-Dichloropropane
 Concen: 19.212 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

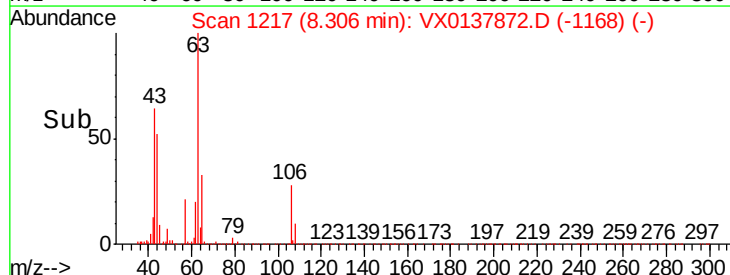
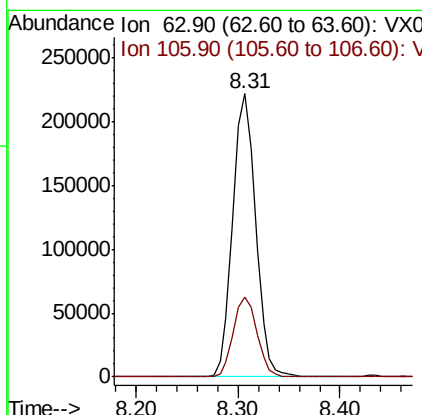
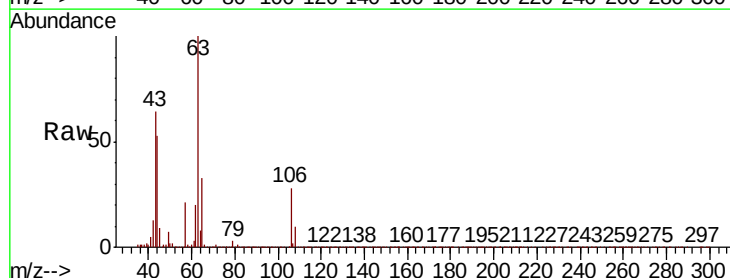
Instrument :
 MSVOA_X
 ClientSampleId :

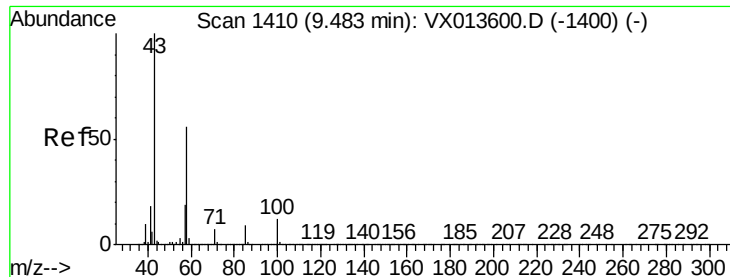
Tot Ion: 76 Resp: 201328
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.852 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

Tgt Ion: 63 Resp: 344339
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.4 35.0

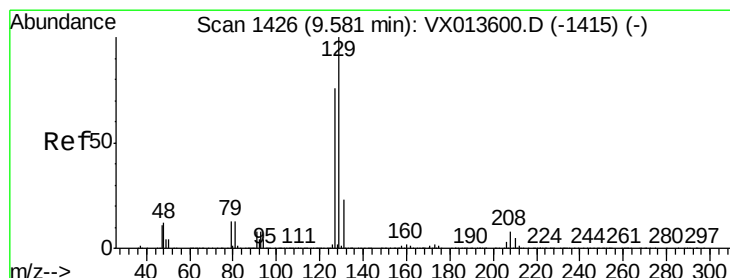
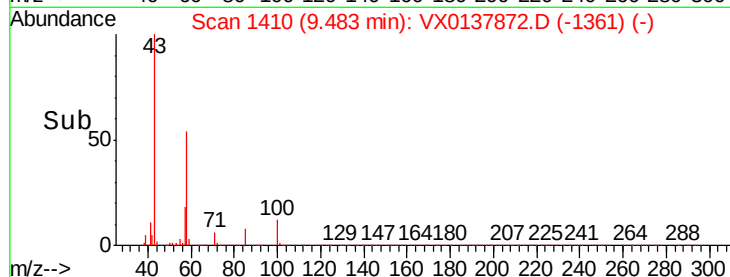
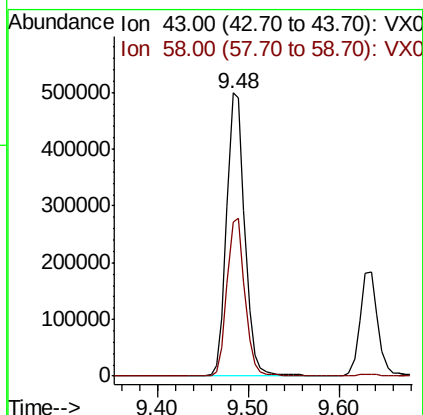
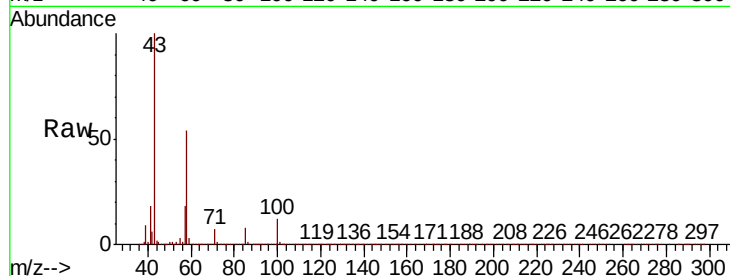




#59
2-Hexanone
Concen: 96.171 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

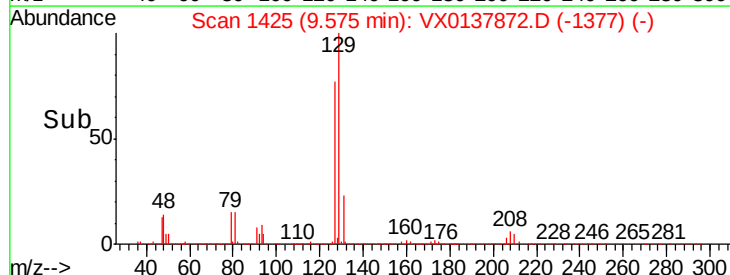
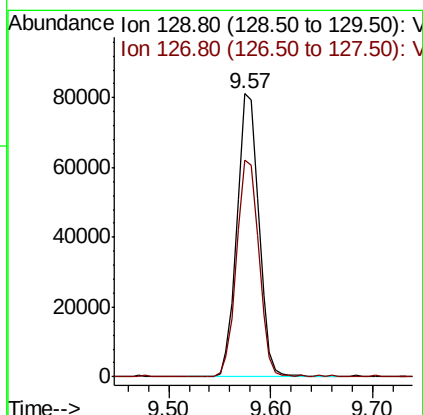
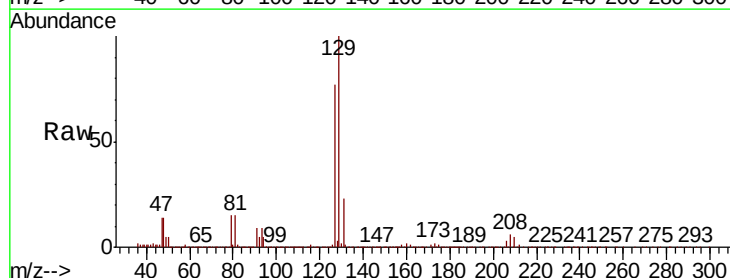
Instrument :
MSVOA_X
ClientSampled :

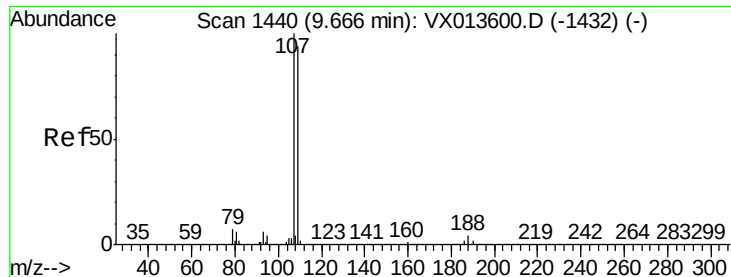
Tot Ion: 43 Resp: 694797
Ion Ratio Lower Upper
43 100
58 54.9 28.1 84.4



#60
Dibromochloromethane
Concen: 18.904 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion: 129 Resp: 119269
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.042 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

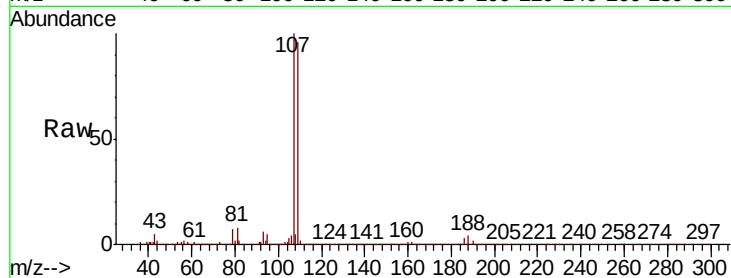
ClientSampleId :

Tot Ion:107 Resp: 123642

Ion Ratio Lower Upper

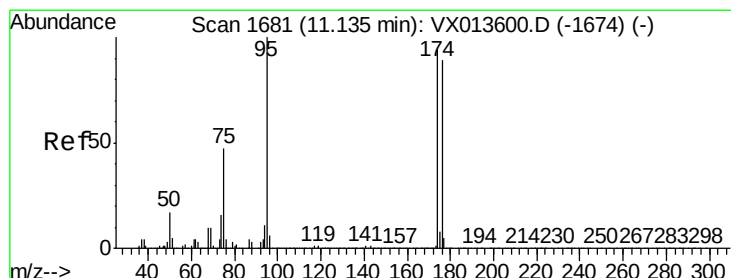
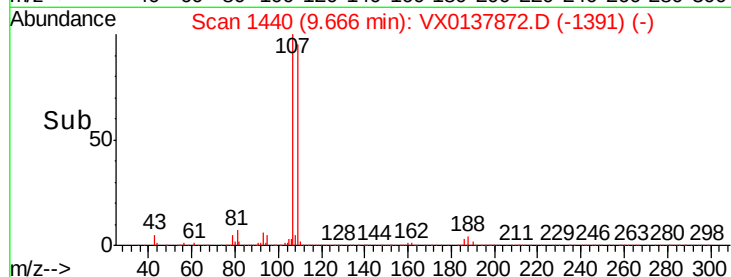
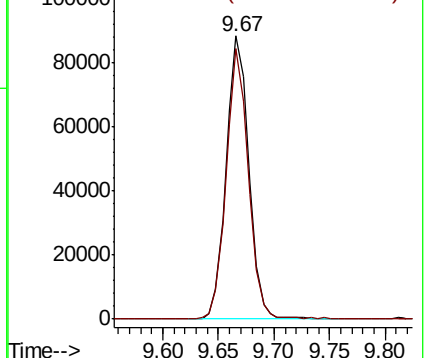
107 100

109 93.7 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.466 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

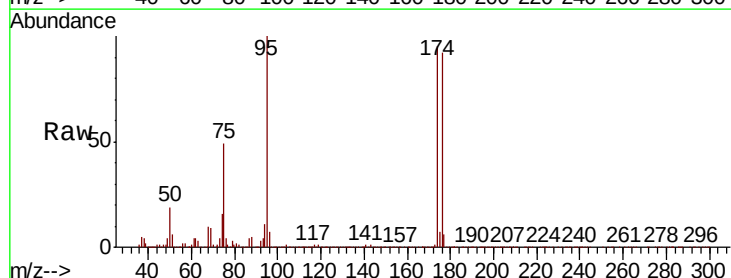
Tgt Ion: 95 Resp: 339237

Ion Ratio Lower Upper

95 100

174 89.9 0.0 180.0

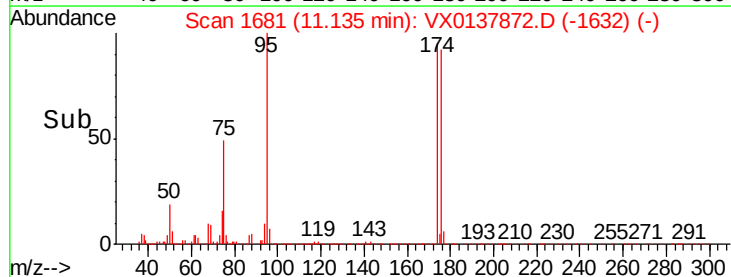
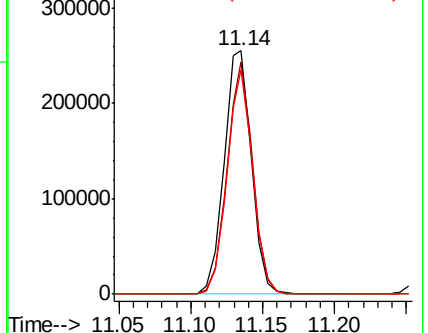
176 87.0 0.0 173.6

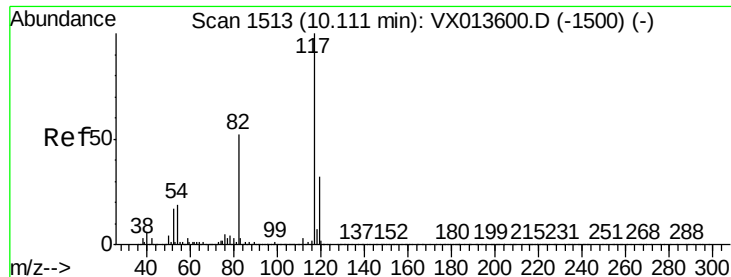


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

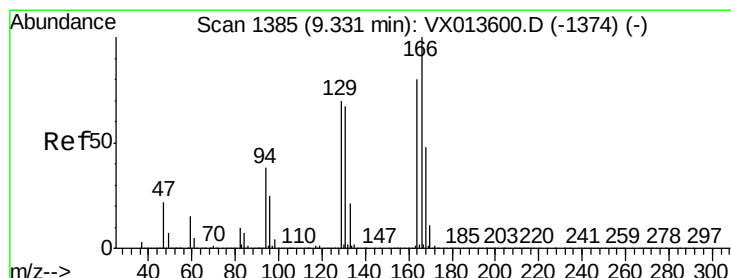
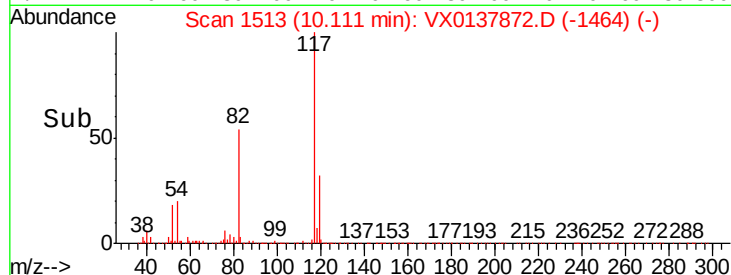
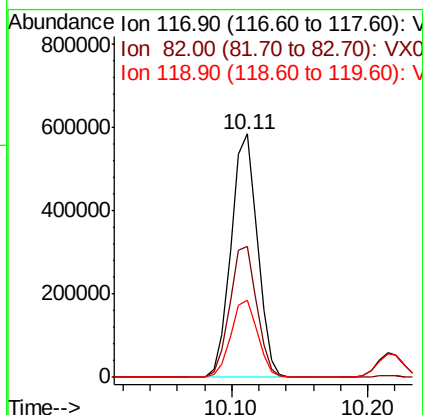
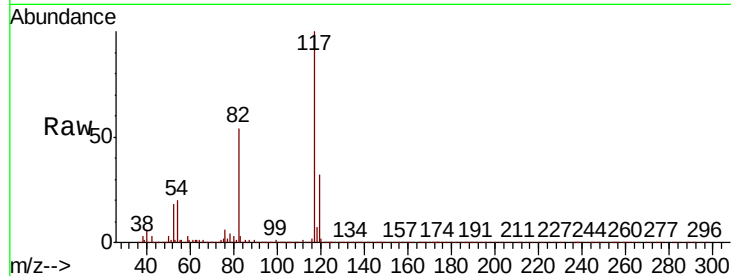




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

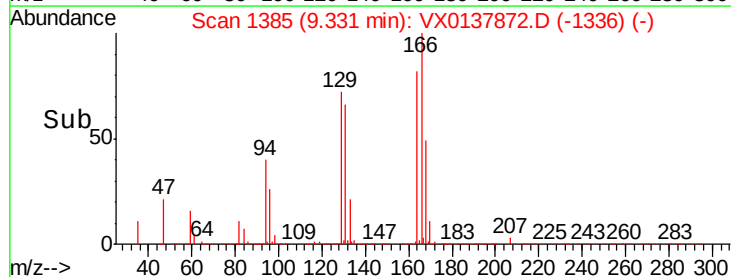
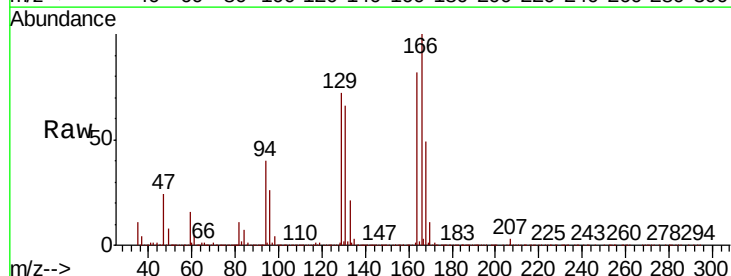
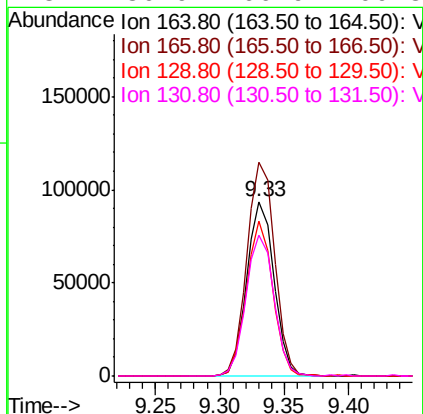
Instrument :
MSVOA_X
ClientSampleId :

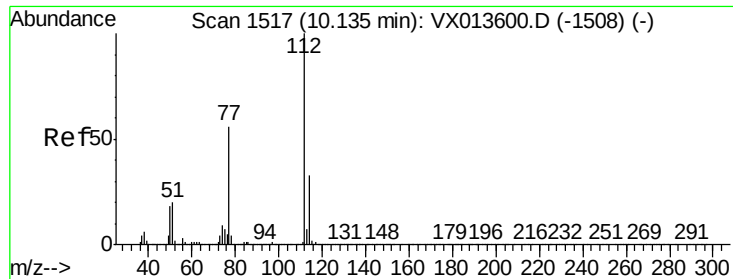
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	41.8	62.8
119	31.9	25.8	38.8



#64
Tetrachloroethene
Concen: 23.150 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.3	99.7	149.5
129	88.3	70.1	105.1
131	80.9	66.9	100.3

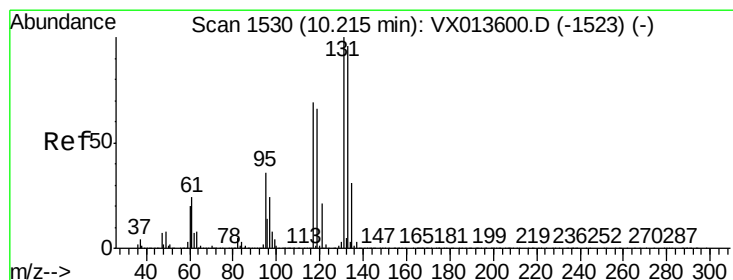
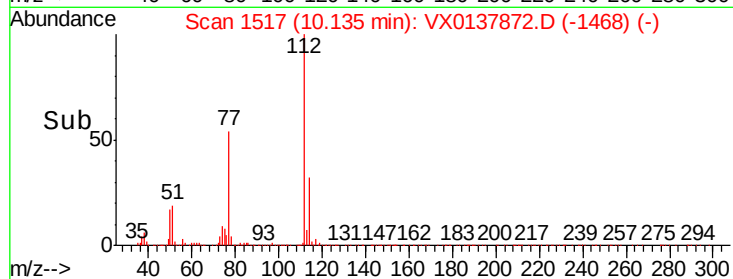
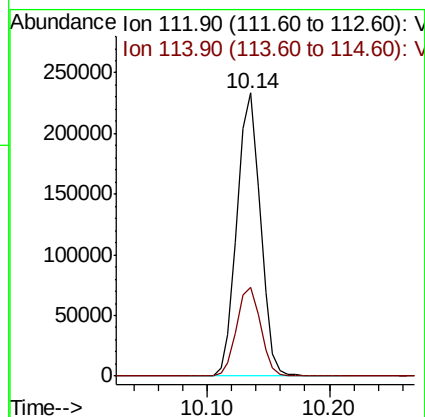
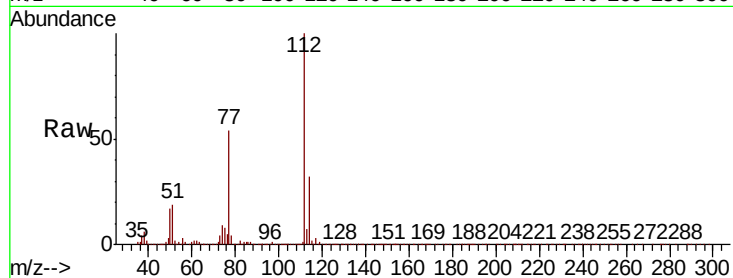




#65
Chlorobenzene
Concen: 18.772 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

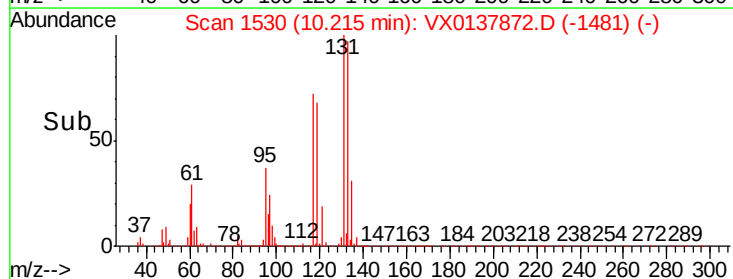
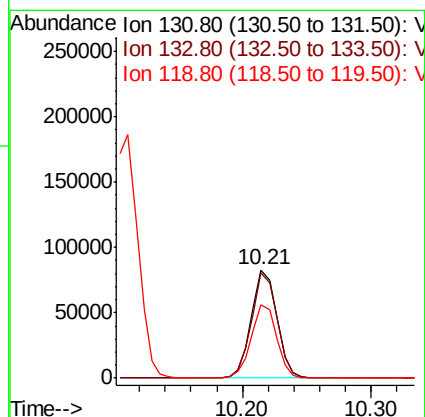
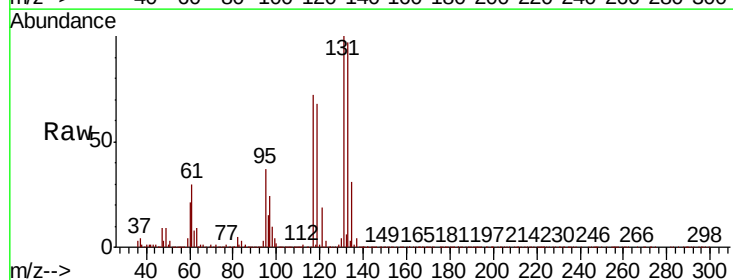
Instrument :
MSVOA_X
ClientSampleId :

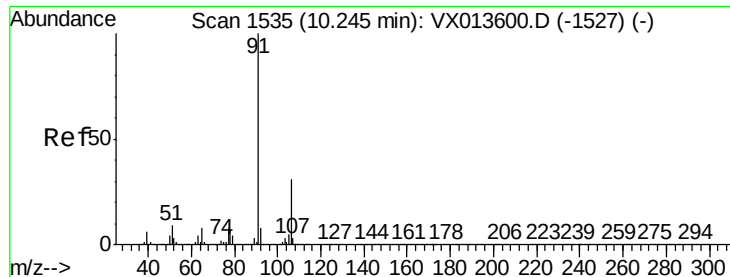
Tot Ion:112 Resp: 307335
Ion Ratio Lower Upper
112 100
114 31.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.137 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion:131 Resp: 112511
Ion Ratio Lower Upper
131 100
133 96.9 47.7 143.1
119 67.9 32.9 98.6





#67

Ethyl Benzene

Concen: 19.004 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

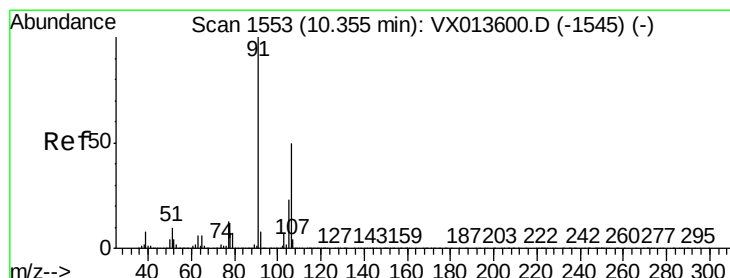
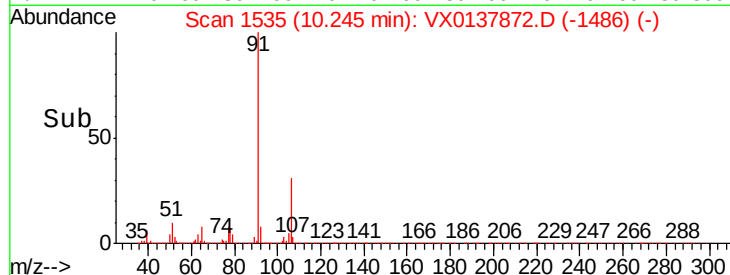
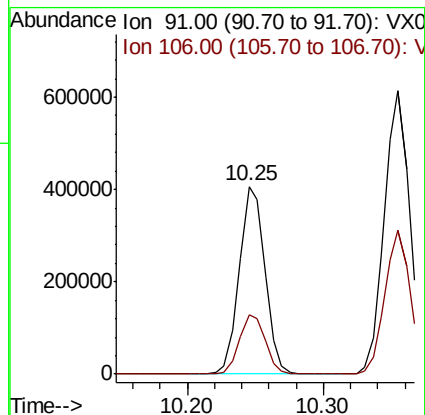
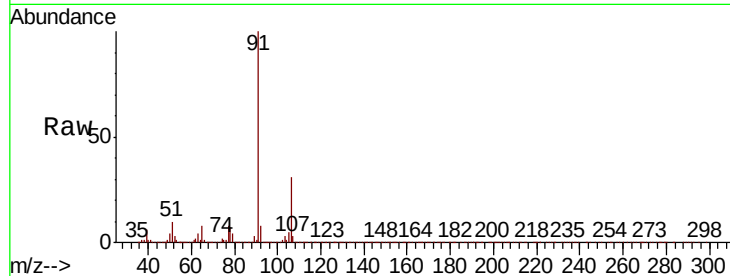
ClientSampleId :

Tot Ion: 91 Resp: 534654

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 37.673 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX0137872.D

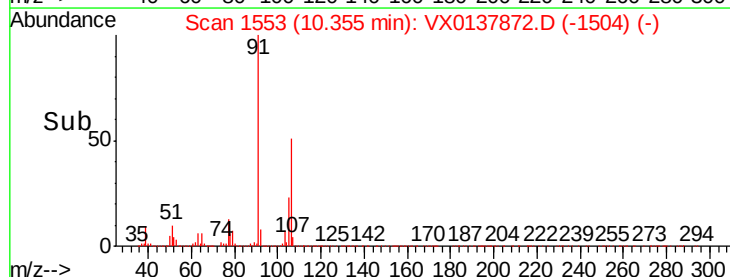
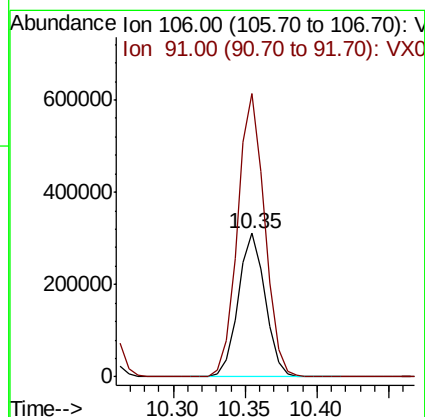
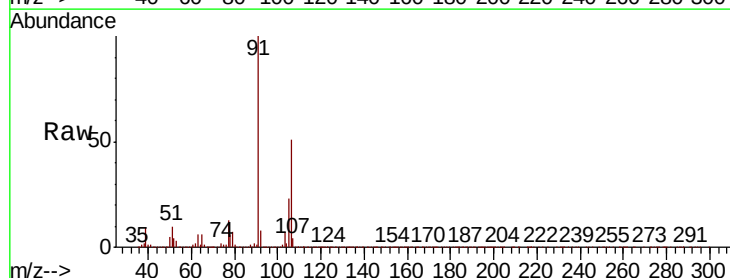
Acq: 10 Dec 2019 00:20

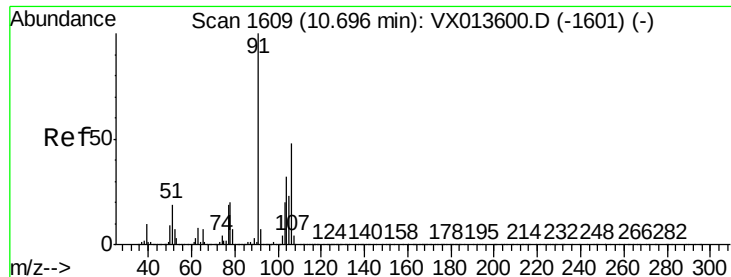
Tgt Ion: 106 Resp: 405786

Ion Ratio Lower Upper

106 100

91 198.6 159.0 238.4

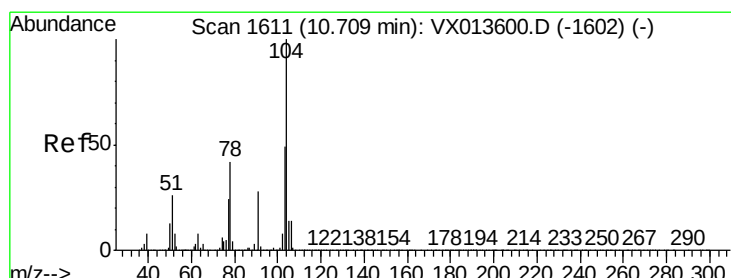
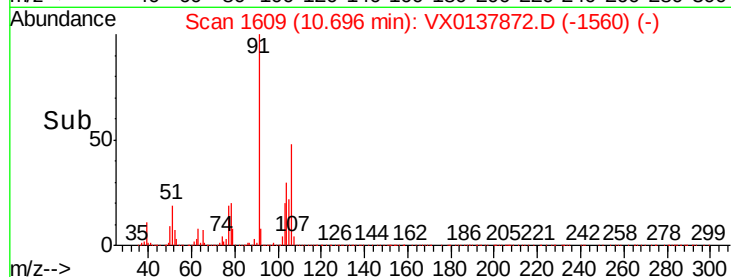
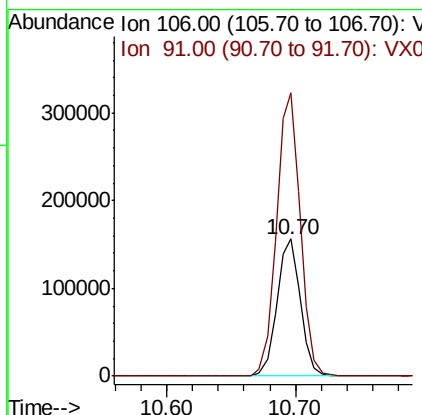
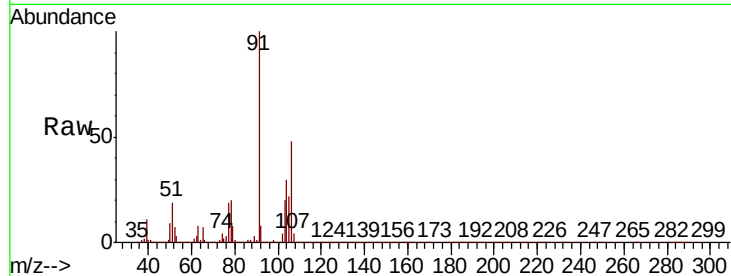




#69
o-Xylene
Concen: 18.958 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

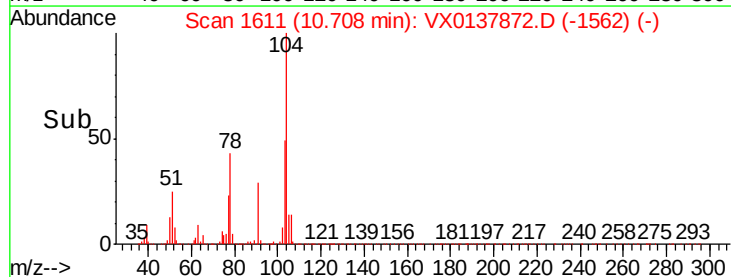
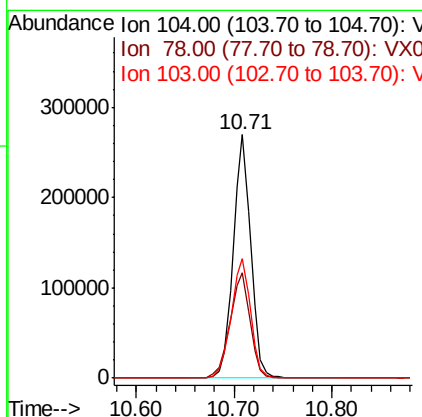
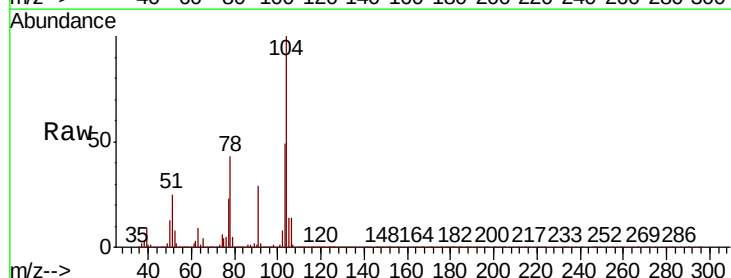
Instrument :
MSVOA_X
ClientSampled :

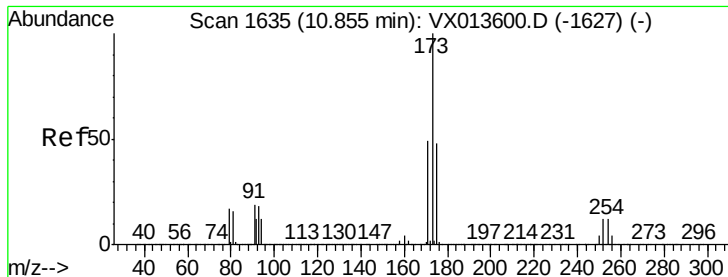
Tot Ion:106 Resp: 199156
Ion Ratio Lower Upper
106 100
91 209.3 104.1 312.2



#70
Styrene
Concen: 18.924 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion:104 Resp: 334422
Ion Ratio Lower Upper
104 100
78 49.2 38.5 57.7
103 54.4 43.7 65.5





#71

Bromoform

Concen: 18.385 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

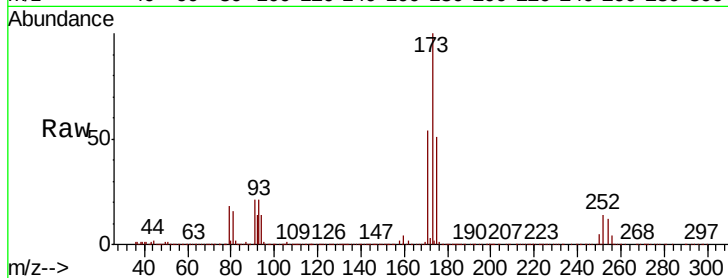
Tot Ion:173 Resp: 89435

Ion Ratio Lower Upper

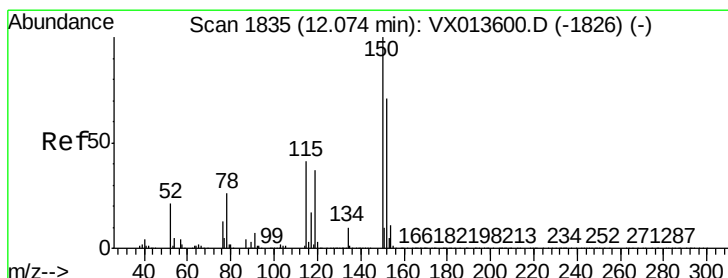
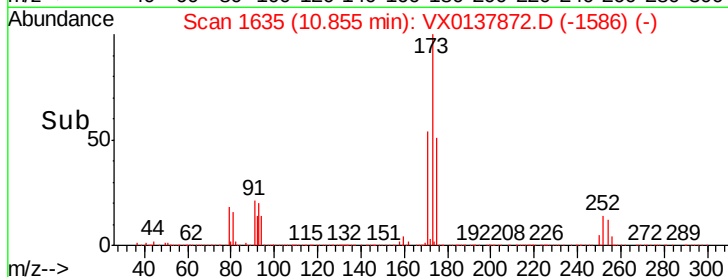
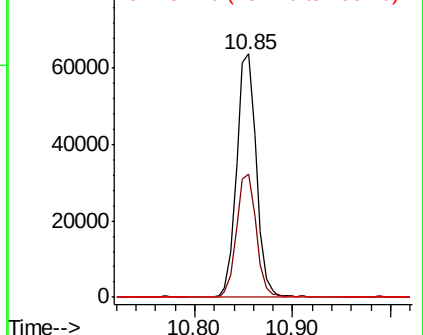
173 100

175 50.7 24.3 72.8

254 0.2 0.2 0.4#



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: VX0137872.D

Acq: 10 Dec 2019 00:20

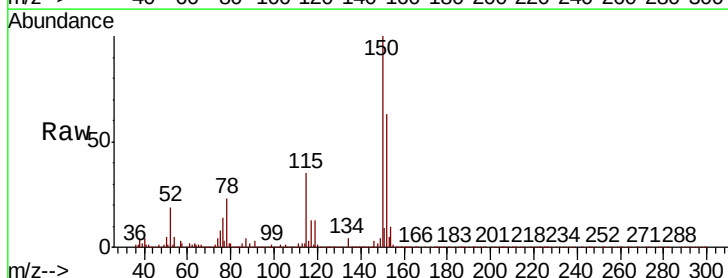
Tgt Ion:152 Resp: 383894

Ion Ratio Lower Upper

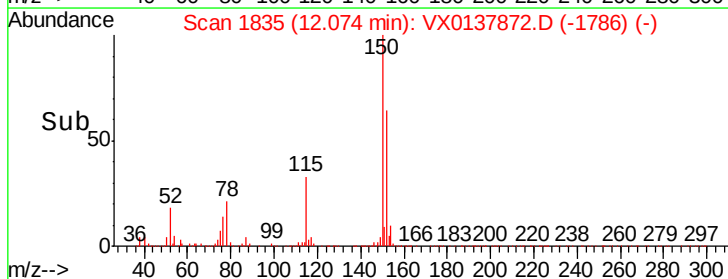
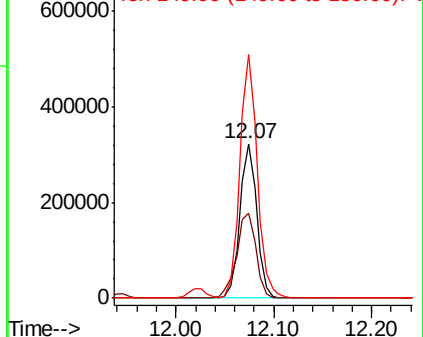
152 100

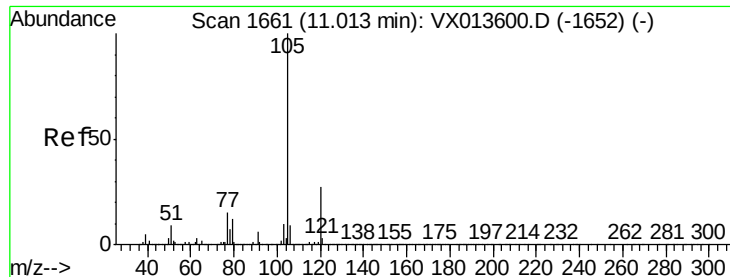
115 63.5 38.4 115.1

150 162.6 0.0 346.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.629 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

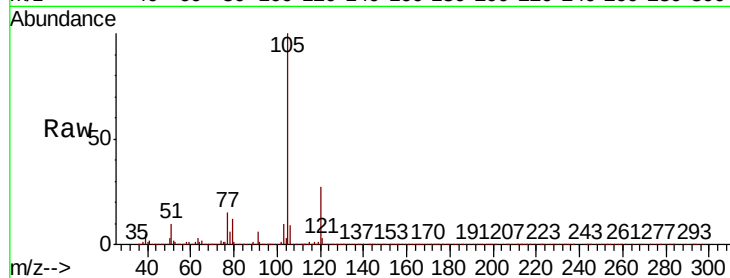
ClientSampleId :

Tot Ion:105 Resp: 528574

Ion Ratio Lower Upper

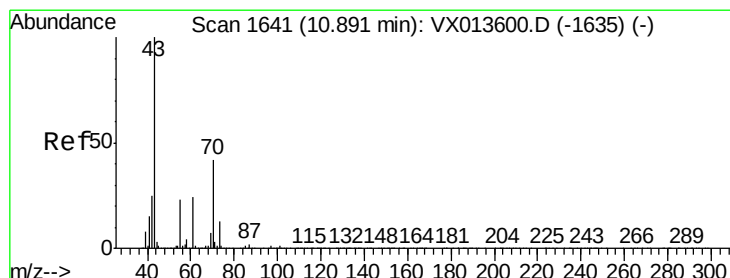
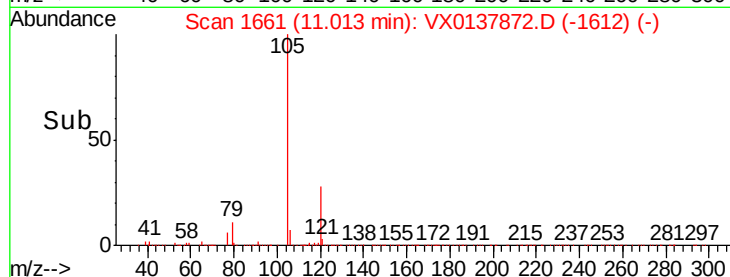
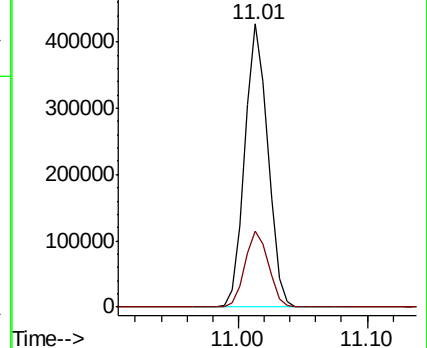
105 100

120 27.4 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: 18.975 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Tgt Ion: 43 Resp: 234070

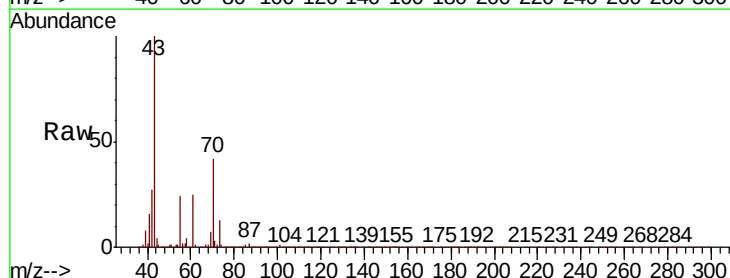
Ion Ratio Lower Upper

43 100

70 42.7 34.3 51.5

55 24.5 18.5 27.7

61 24.3 19.8 29.8

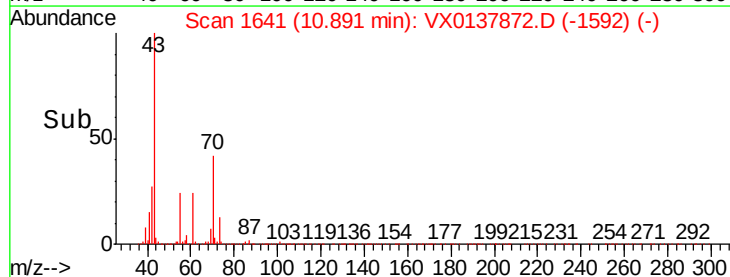
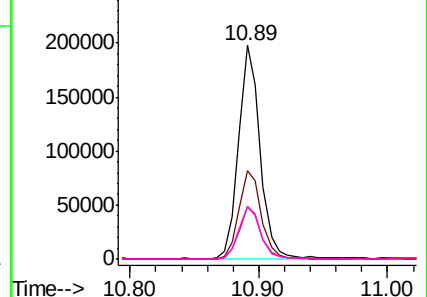


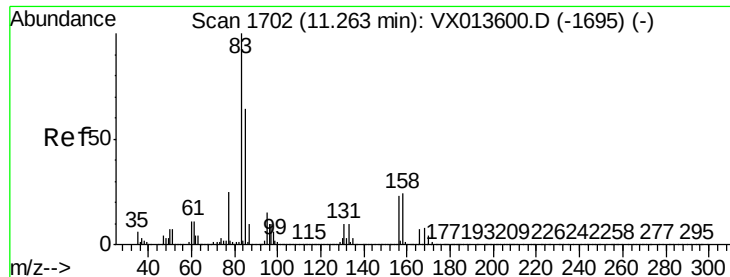
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.927 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

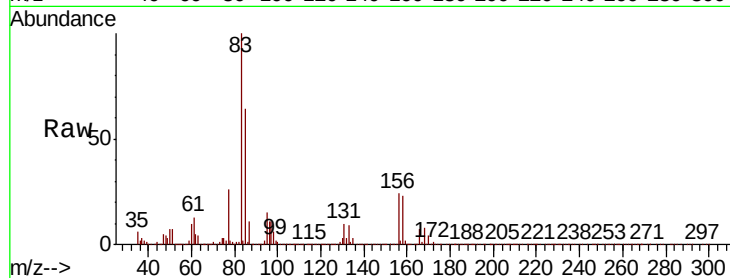
Tot Ion: 83 Resp: 186096

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

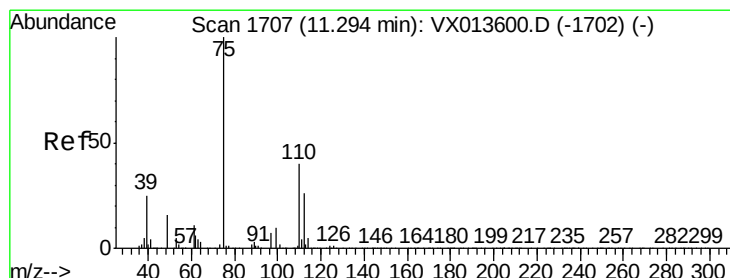
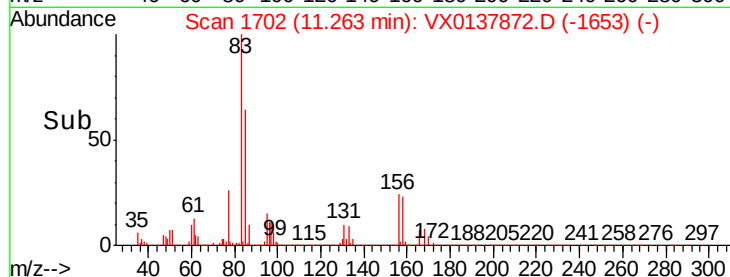
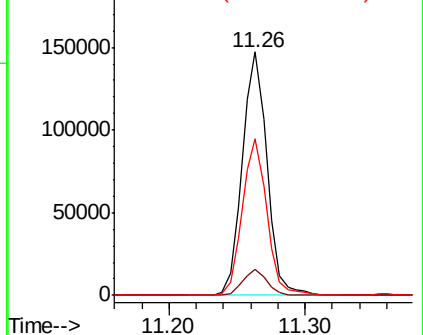
85 64.3 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.428 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX0137872.D

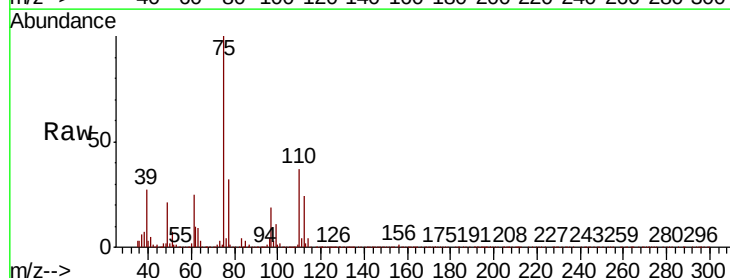
Acq: 10 Dec 2019 00:20

Tgt Ion: 75 Resp: 202290

Ion Ratio Lower Upper

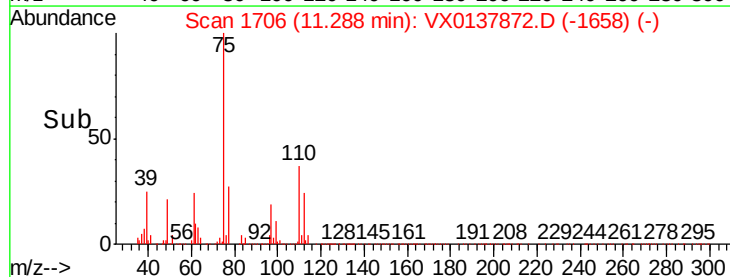
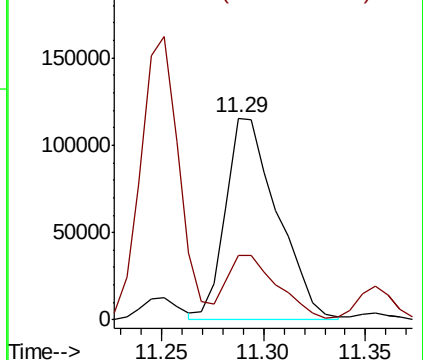
75 100

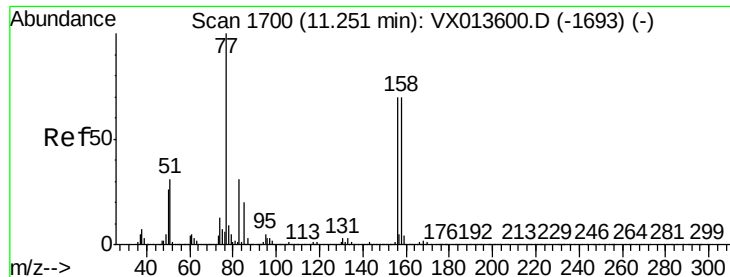
77 30.9 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.913 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

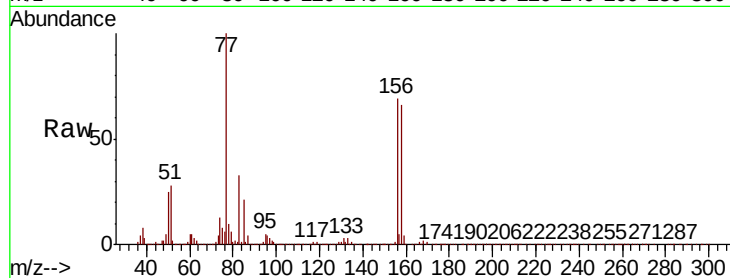
Tot Ion:156 Resp: 137591

Ion Ratio Lower Upper

156 100

77 153.9 74.4 223.1

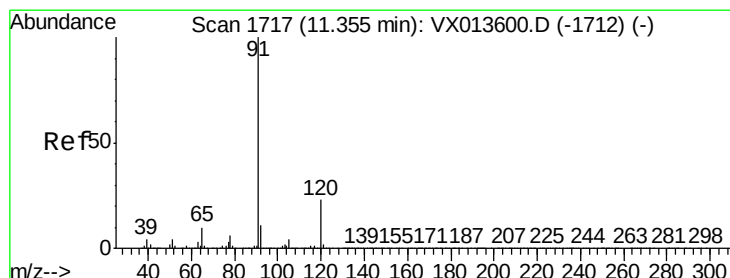
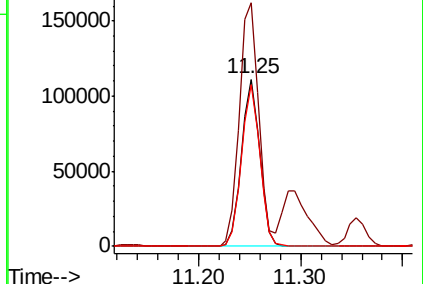
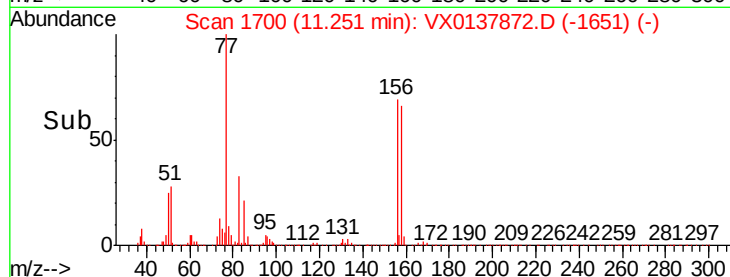
158 97.0 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.069 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX0137872.D

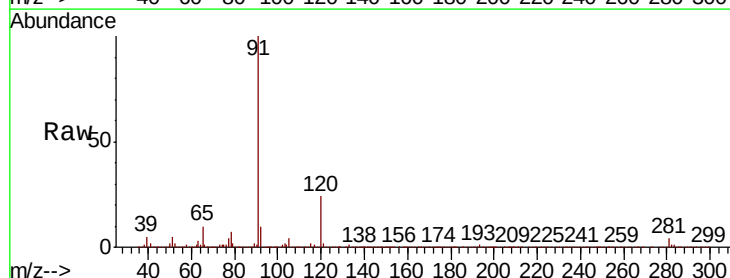
Acq: 10 Dec 2019 00:20

Tgt Ion: 91 Resp: 573229

Ion Ratio Lower Upper

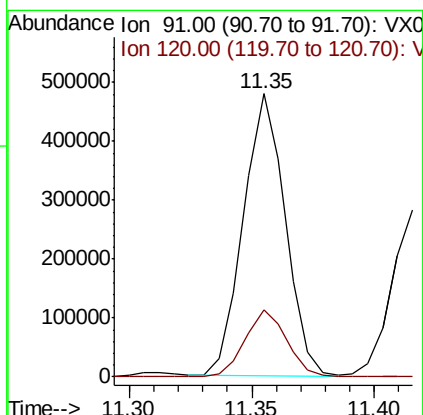
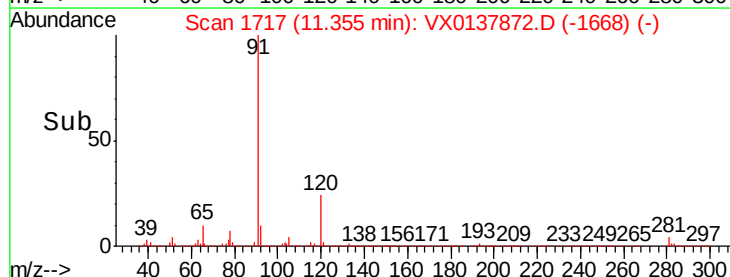
91 100

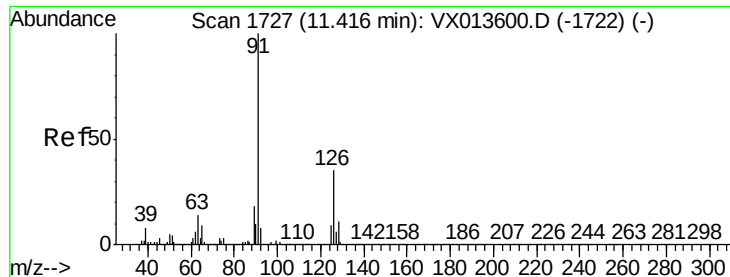
120 23.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.349 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

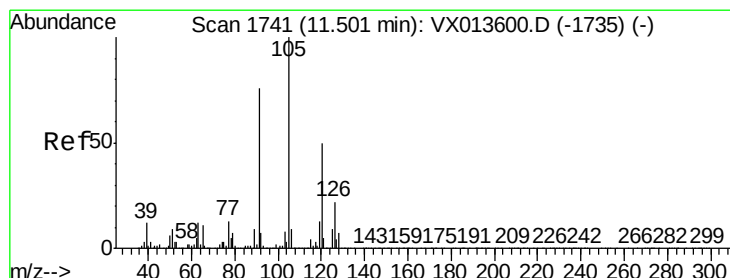
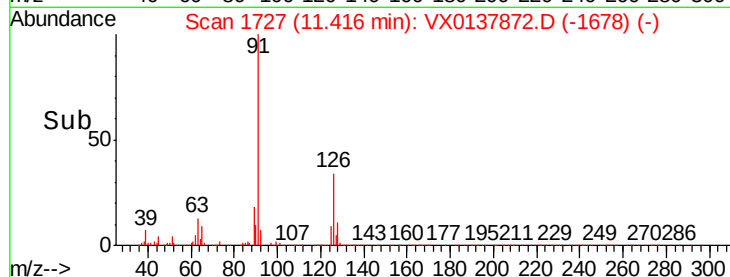
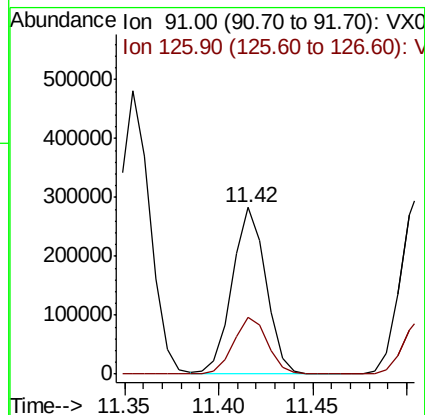
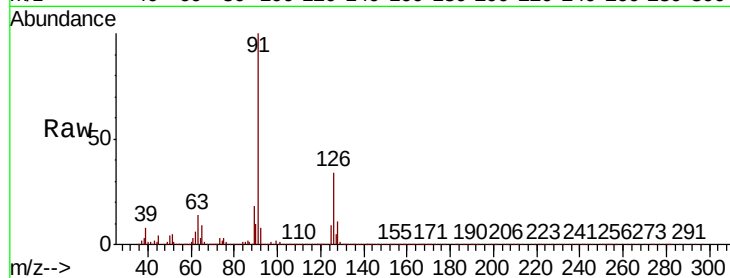
ClientSampleId :

Tot Ion: 91 Resp: 348921

Ion Ratio Lower Upper

91 100

126 34.7 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 19.464 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX0137872.D

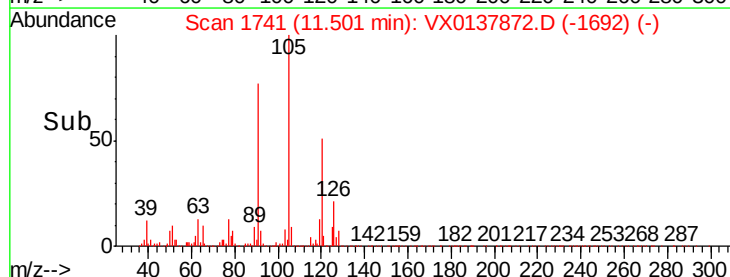
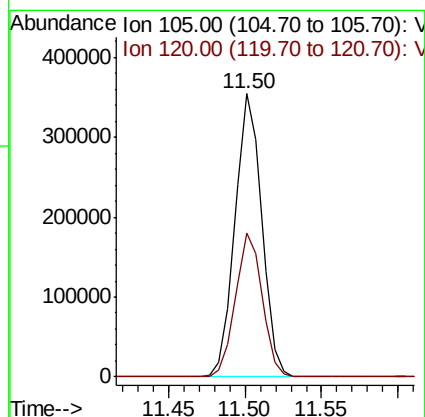
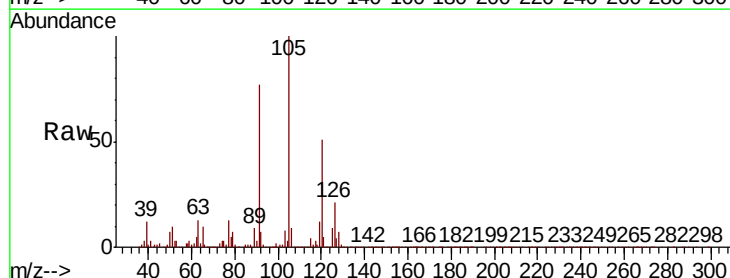
Acq: 10 Dec 2019 00:20

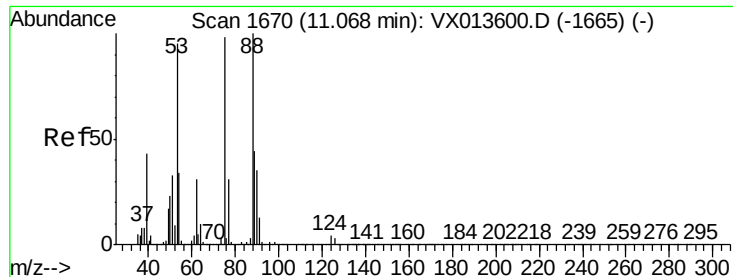
Tgt Ion: 105 Resp: 429579

Ion Ratio Lower Upper

105 100

120 50.7 25.3 75.9

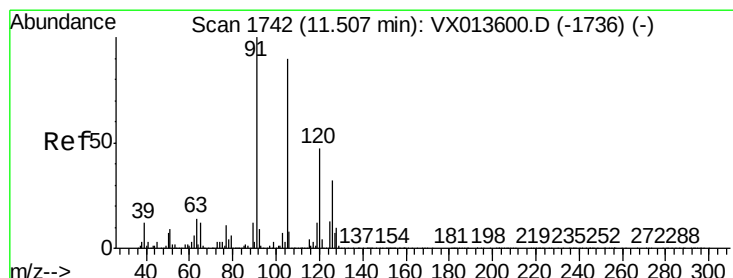
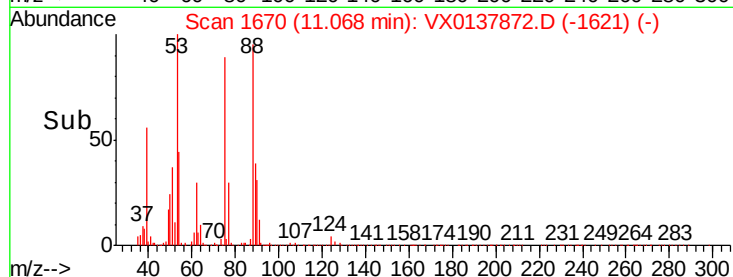
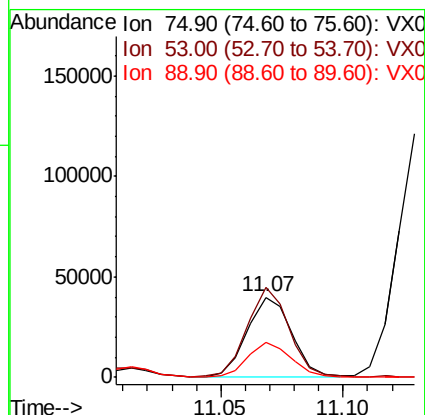
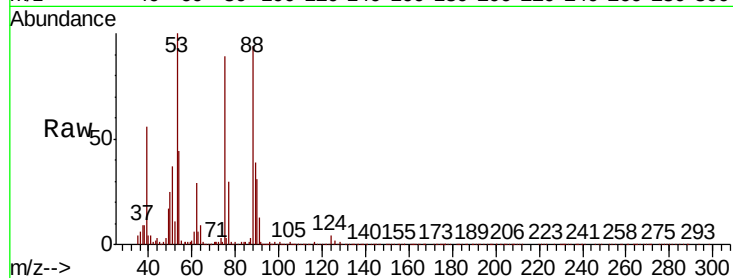




#81
trans-1,4-Dichloro-2-butene
Concen: 15.985 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

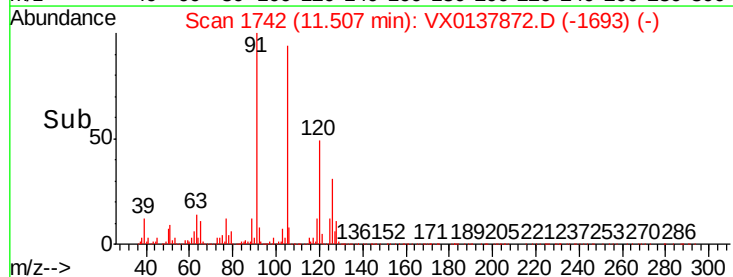
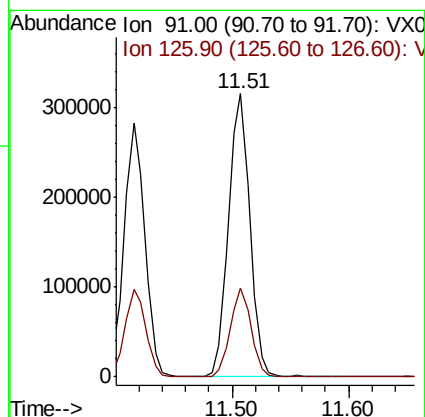
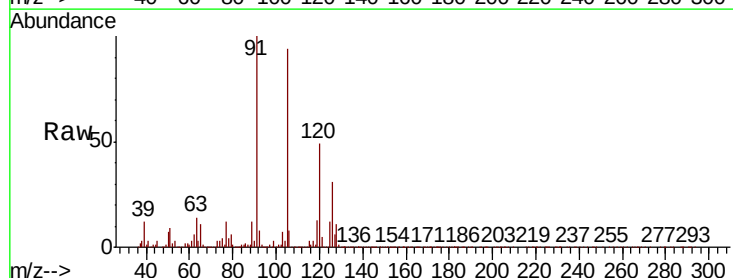
Instrument :
MSVOA_X
ClientSampleId :

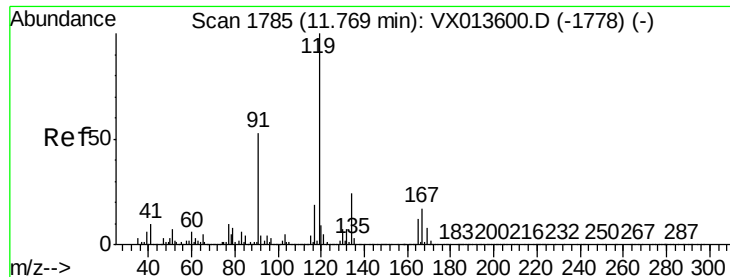
Tot Ion: 75 Resp: 50450
Ion Ratio Lower Upper
75 100
53 107.2 78.2 117.2
89 43.6 35.4 53.2



#82
4-Chlorotoluene
Concen: 19.219 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion: 91 Resp: 401405
Ion Ratio Lower Upper
91 100
126 30.2 15.7 47.0

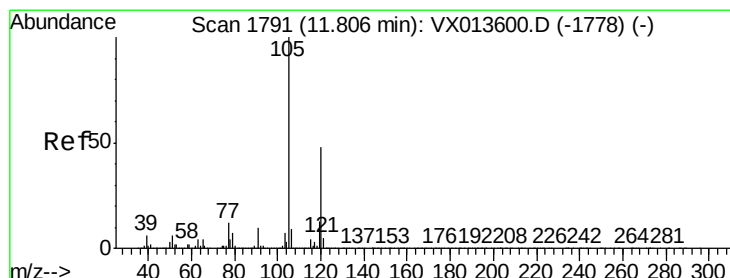
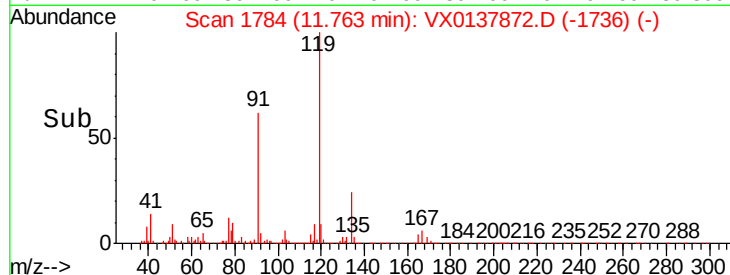
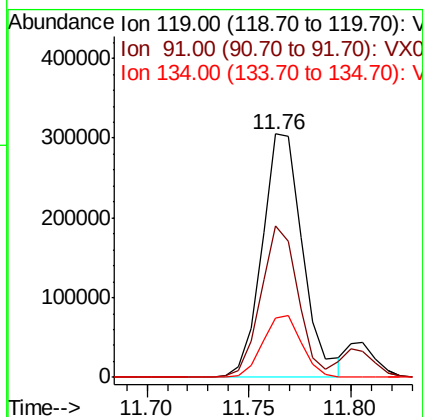
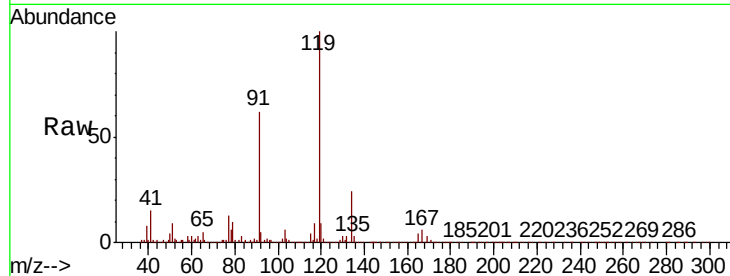




#83
 tert-Butylbenzene
 Concen: 18.871 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

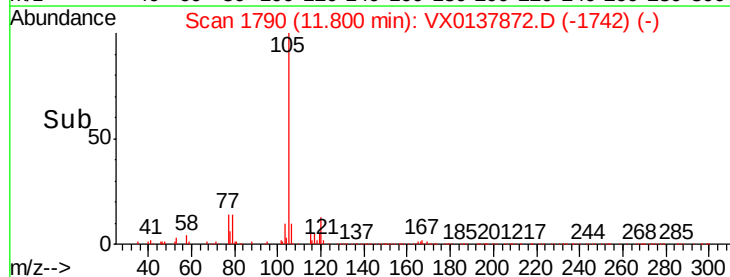
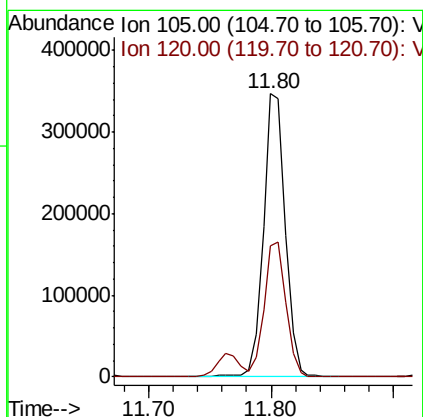
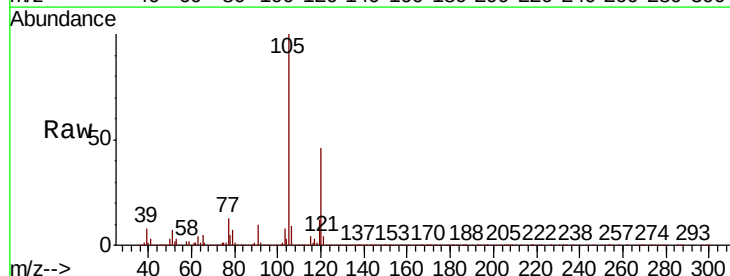
Instrument :
 MSVOA_X
 ClientSampleId :

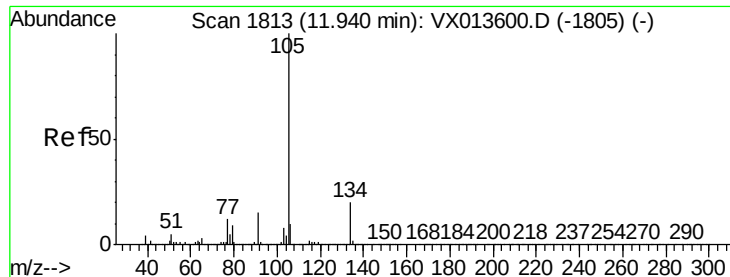
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.9	27.2	81.6
134	24.6	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.304 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.401 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

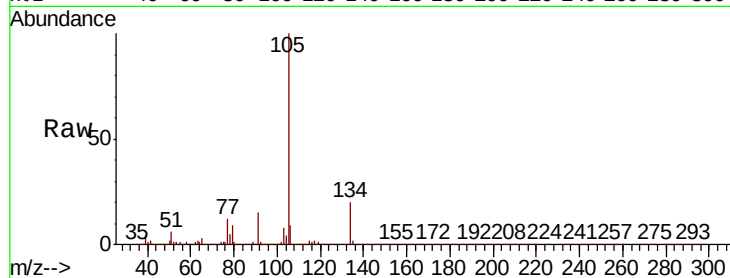
ClientSampleId :

Tot Ion:105 Resp: 497057

Ion Ratio Lower Upper

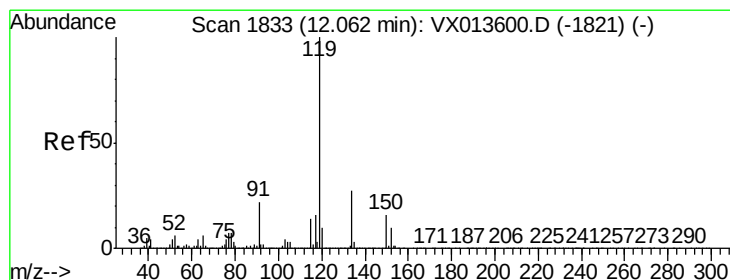
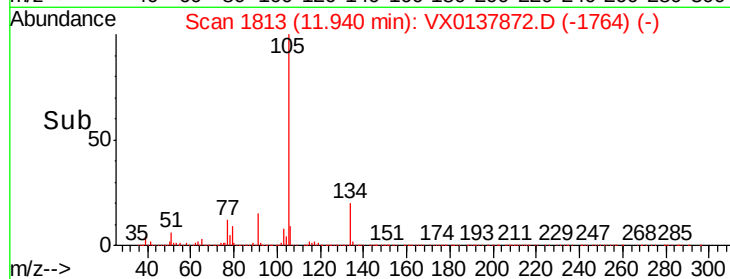
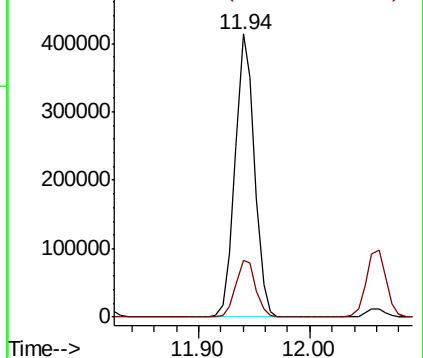
105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.922 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

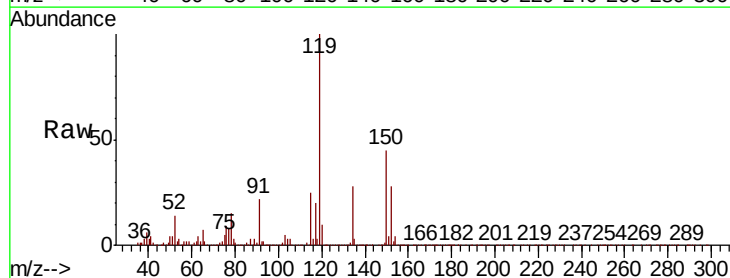
Tgt Ion:119 Resp: 450984

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

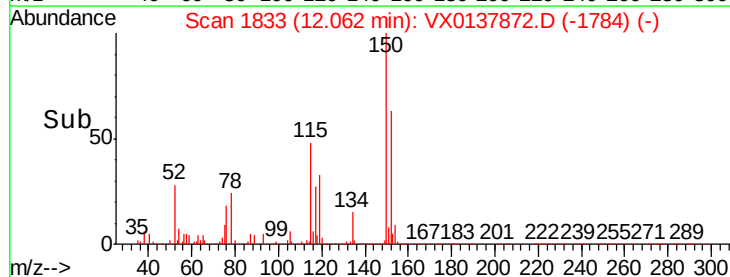
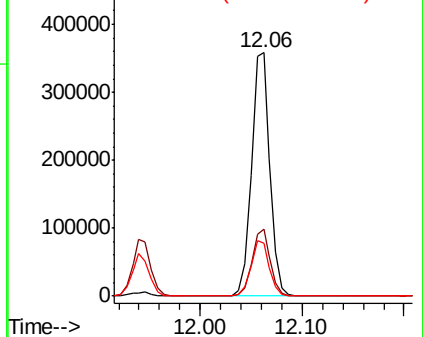
91 22.5 11.3 33.8

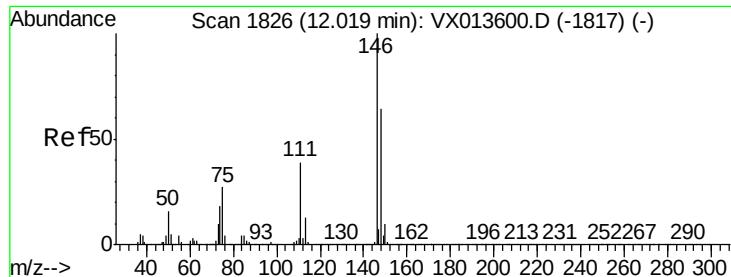


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.492 ug/l

RT: 12.02 min Scan# 1826

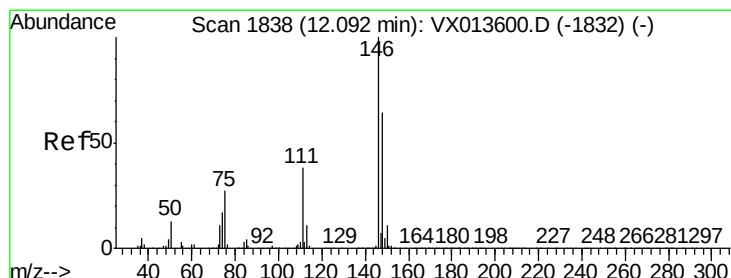
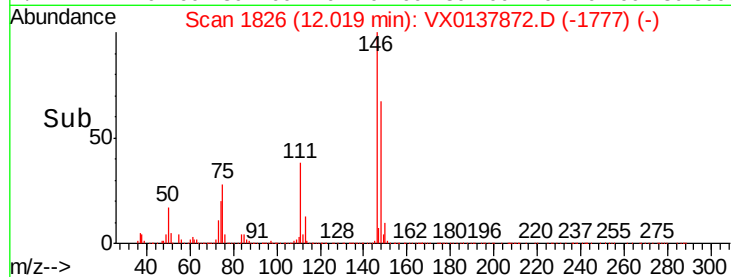
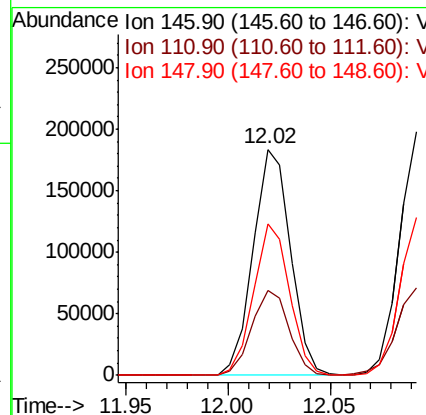
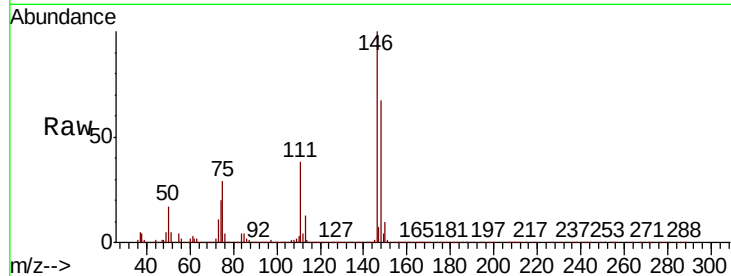
Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.0	57.0
148	64.5	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 18.154 ug/l

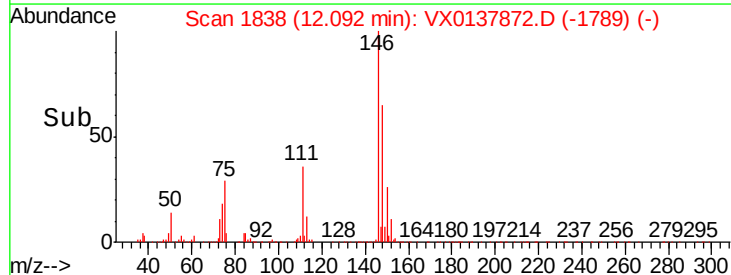
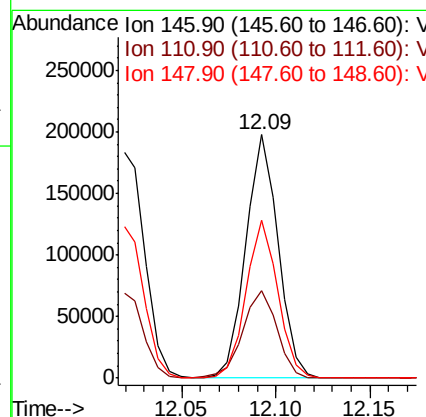
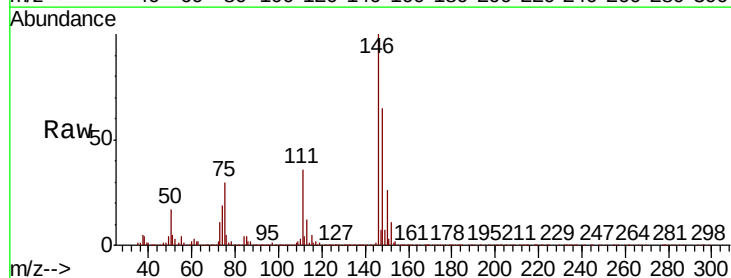
RT: 12.09 min Scan# 1838

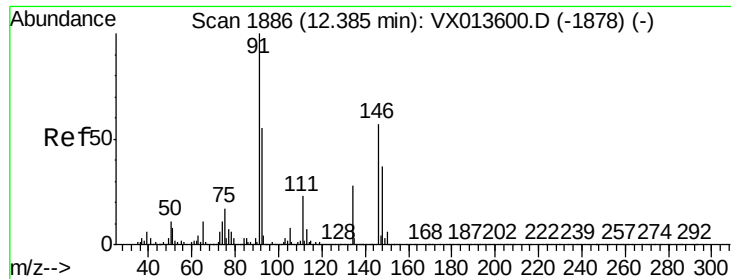
Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	64.3	31.9	95.5





#89

n-Butylbenzene

Concen: 17.952 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

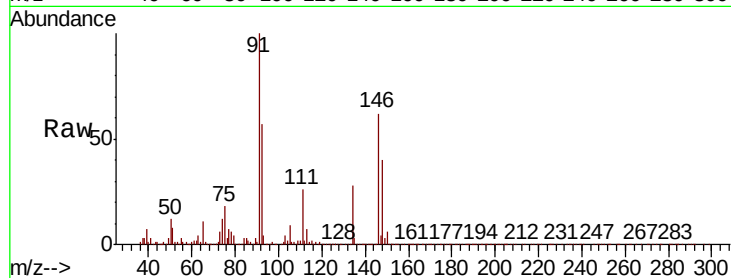
Tot Ion: 91 Resp: 364942

Ion Ratio Lower Upper

91 100

92 55.5 27.4 82.2

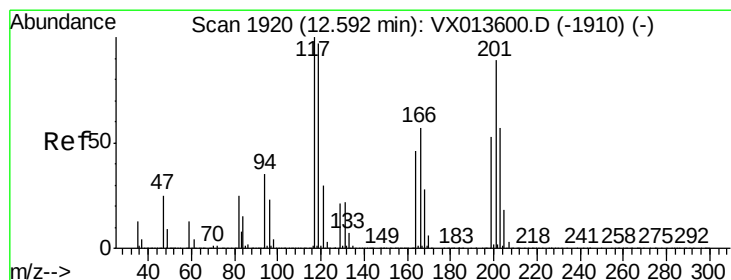
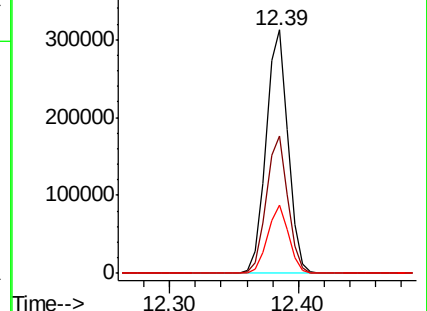
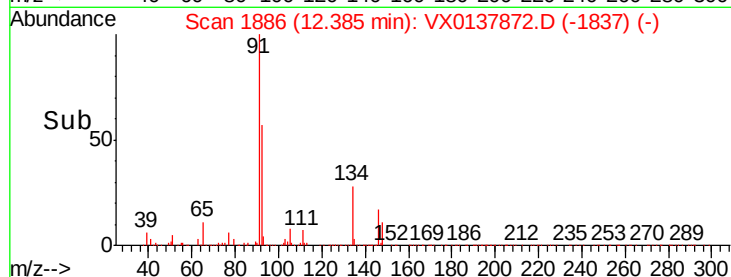
134 27.2 13.5 40.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.237 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX0137872.D

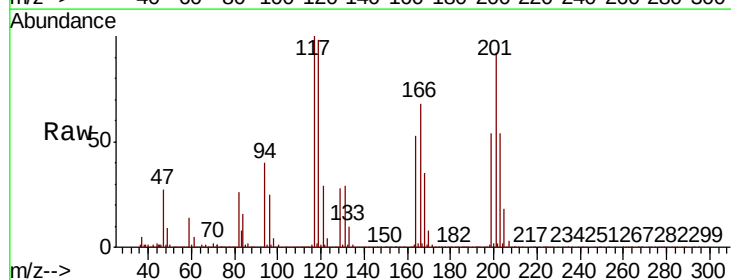
Acq: 10 Dec 2019 00:20

Tgt Ion: 117 Resp: 78568

Ion Ratio Lower Upper

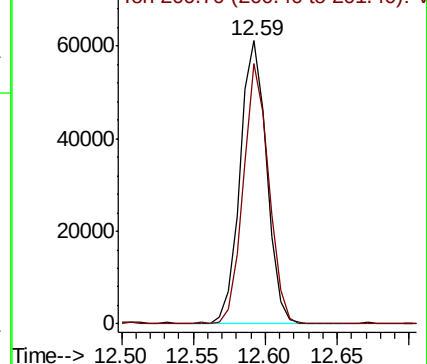
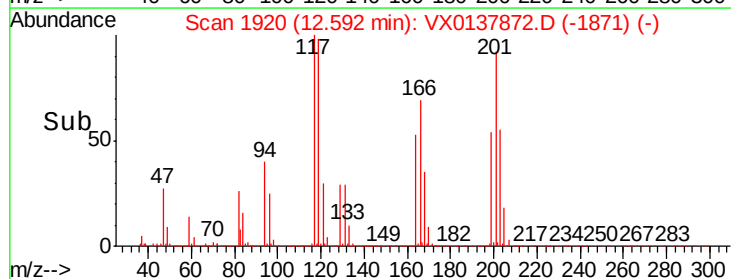
117 100

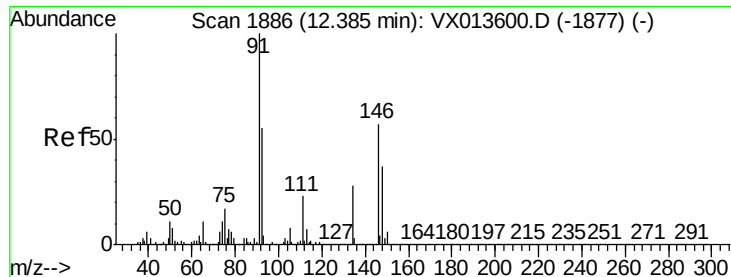
201 87.8 44.1 132.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

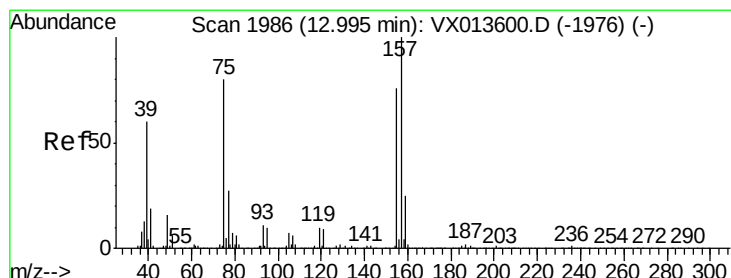
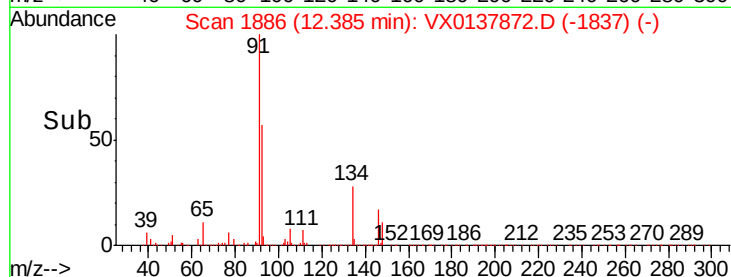
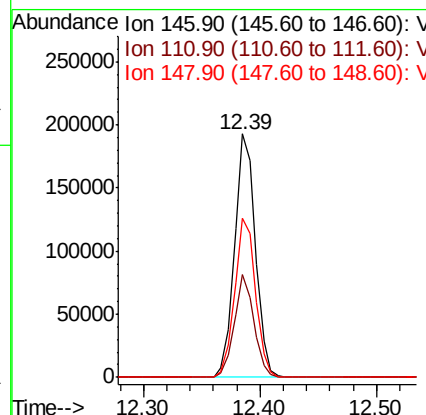
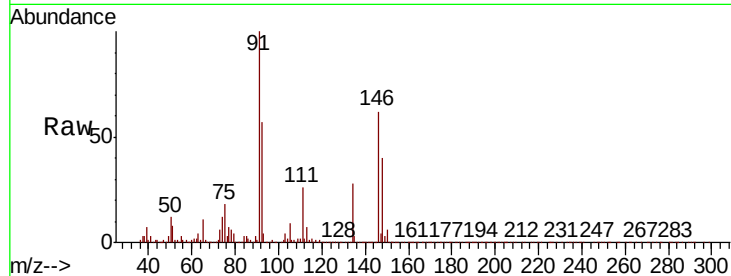




#91
 1,2-Dichlorobenzene
 Concen: 19.226 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

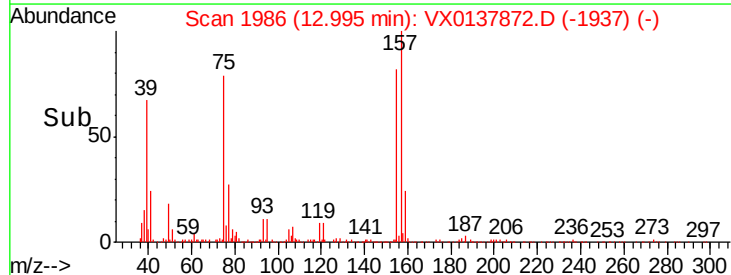
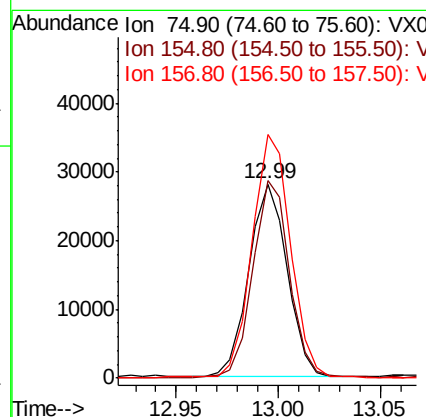
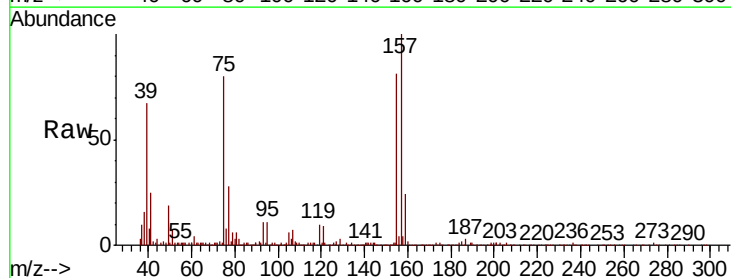
Instrument :
 MSVOA_X
 ClientSampled :

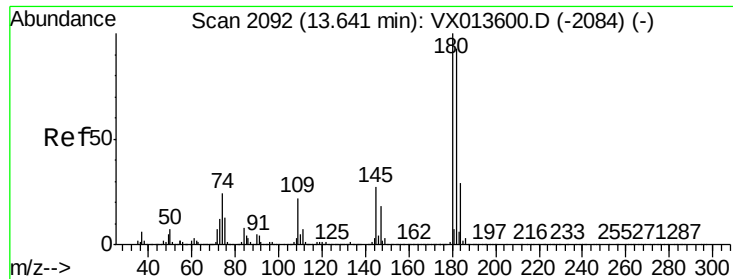
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.7
148	65.4	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.873 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.3	47.6	142.8
157	129.5	62.1	186.2

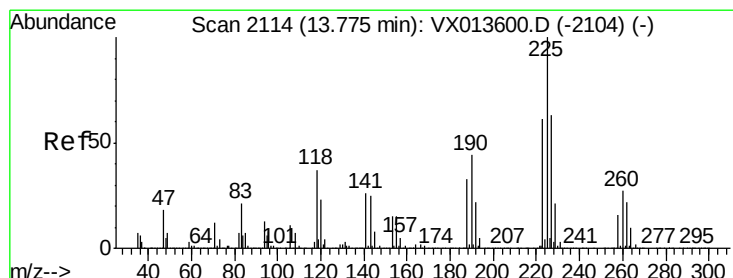
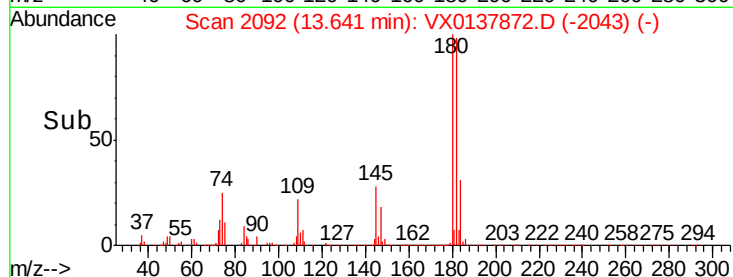
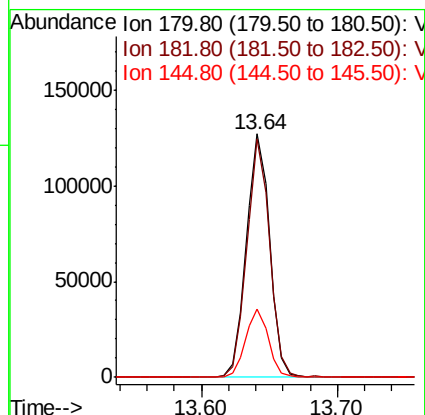
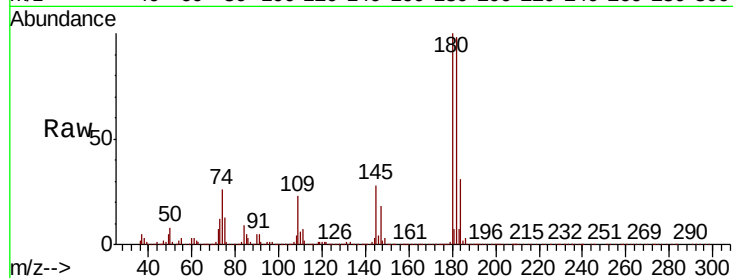




#93
 1,2,4-Trichlorobenzene
 Concen: 17.463 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

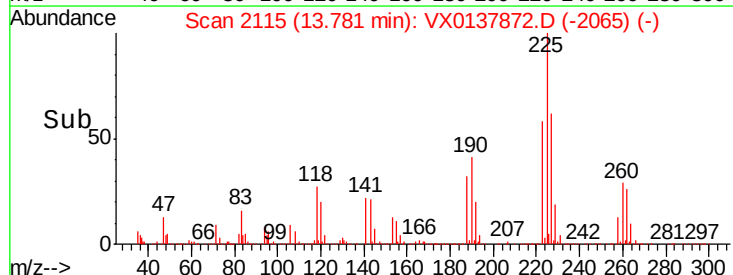
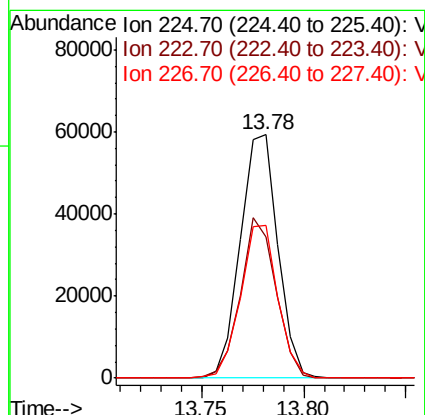
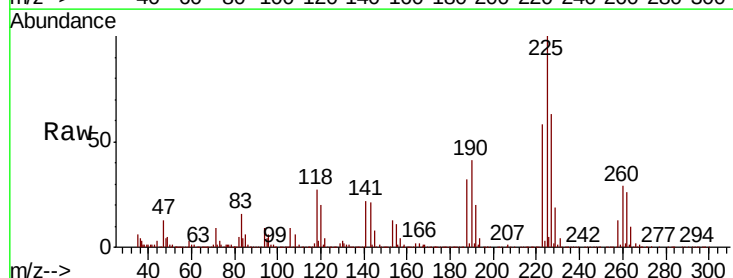
Instrument :
 MSVOA_X
 ClientSampleId :

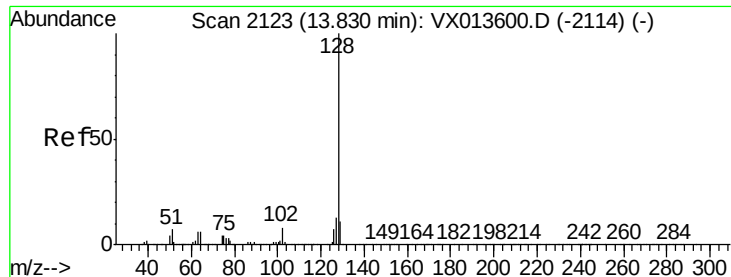
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.2	141.6
145	27.5	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 18.123 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.9	95.5
227	62.0	32.1	96.3

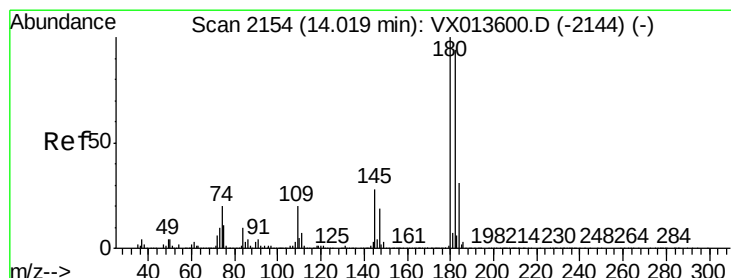
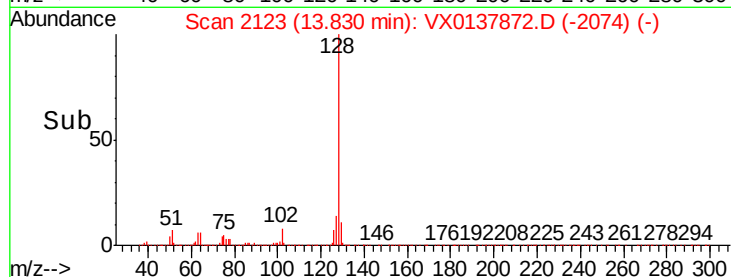
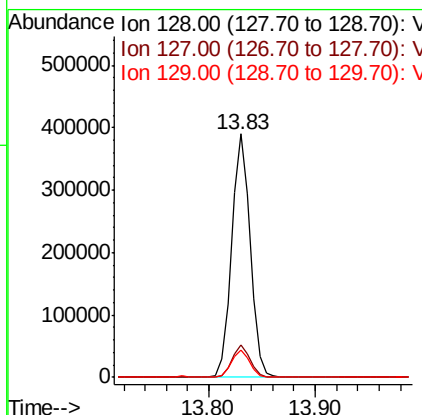
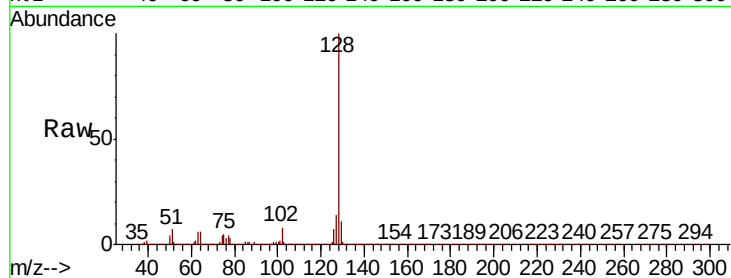




#95
Naphthalene
Concen: 18.315 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.318 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.6	142.8
145	30.4	15.0	45.0

