

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX013872.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 :
 VX1209WBS02

Quant Time: Dec 12 08:16:47 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	R.T.	QIon	Response	Conc	Units	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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Quant Time: Dec 12 08:16:47 2019
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 Quant Title : SW846 8260
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 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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ALS Vial : 30 Sample Multiplier: 1

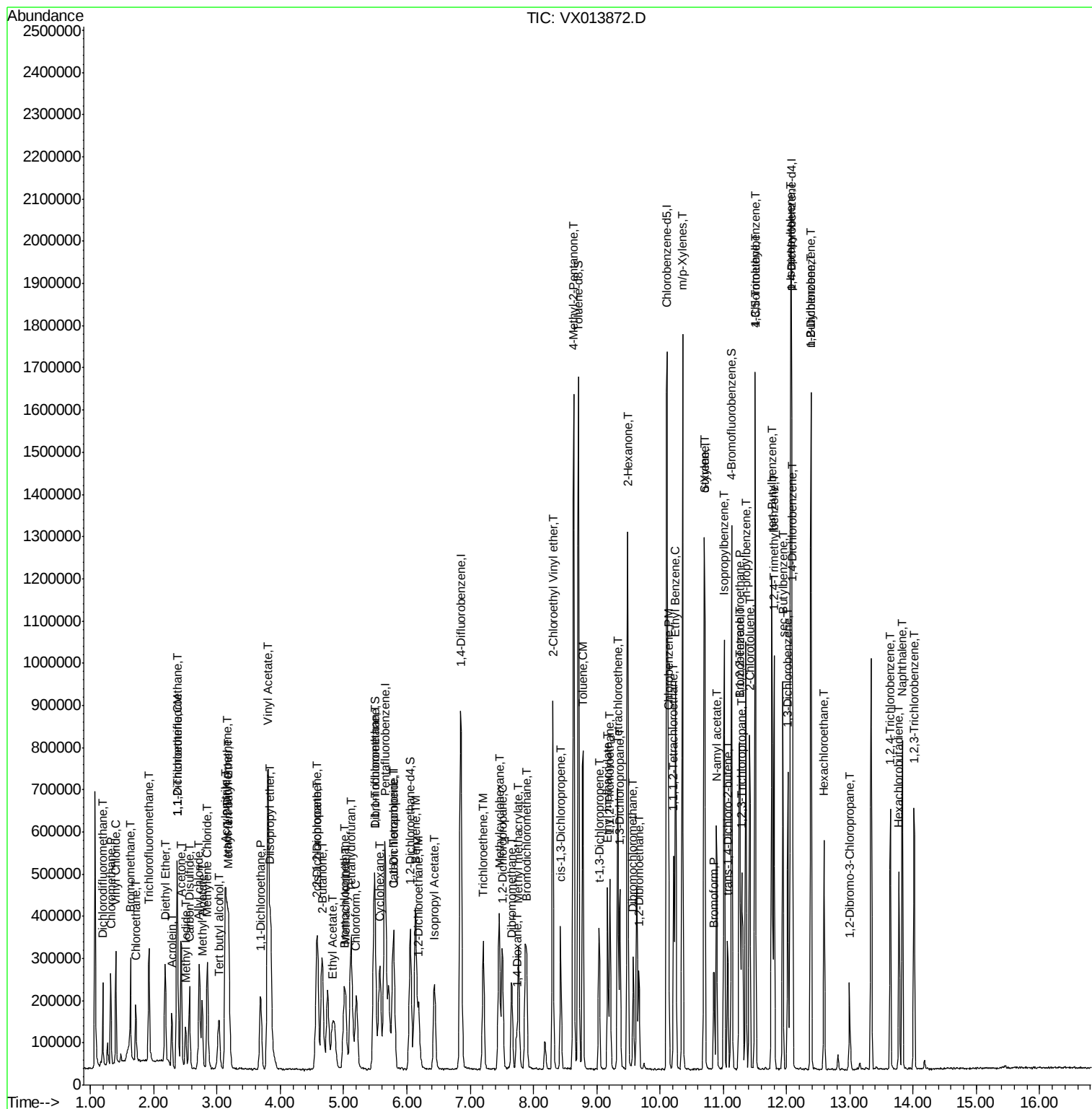
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

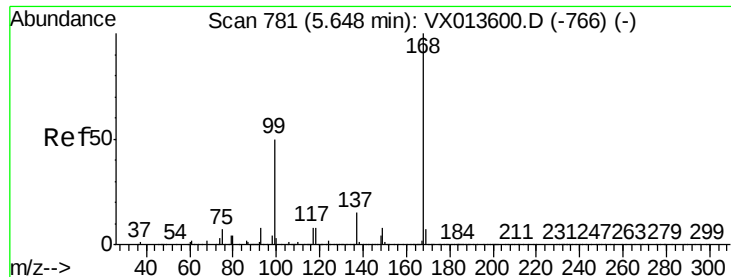
Quant Time: Dec 12 08:16:47 2019
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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

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

Quant Time: Dec 12 08:16:47 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

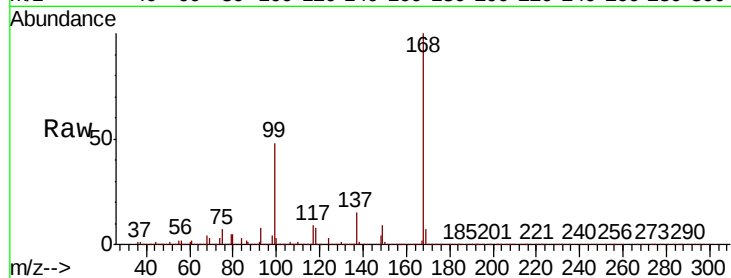
VX1209WBS02

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

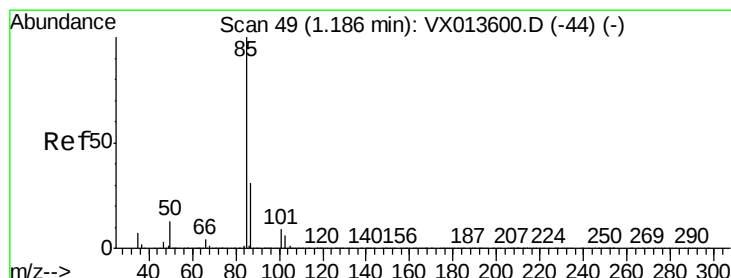
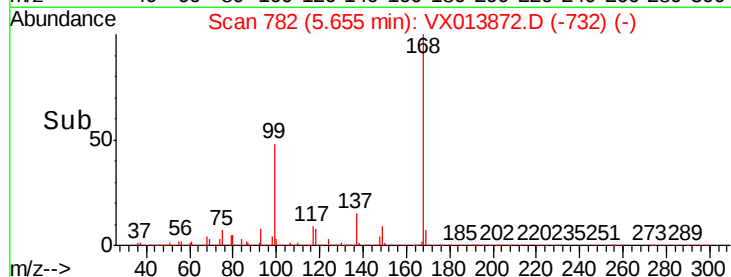
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.752 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013872.D

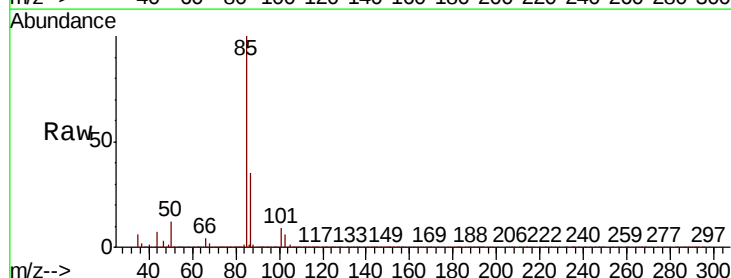
Acq: 10 Dec 2019 00:20

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

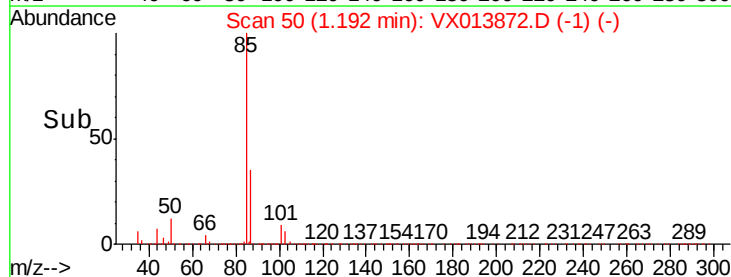
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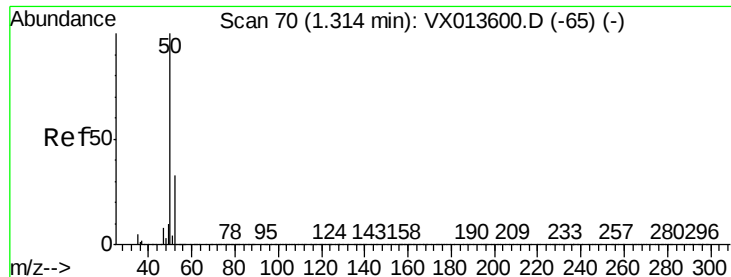
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.702 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampled :

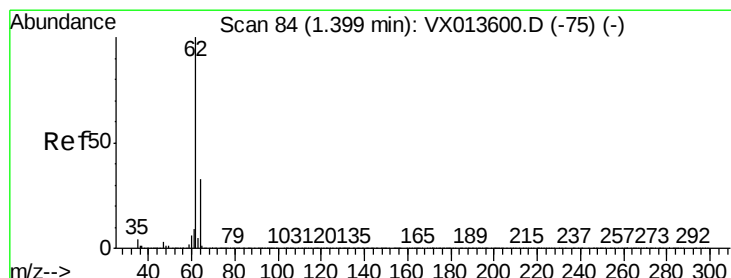
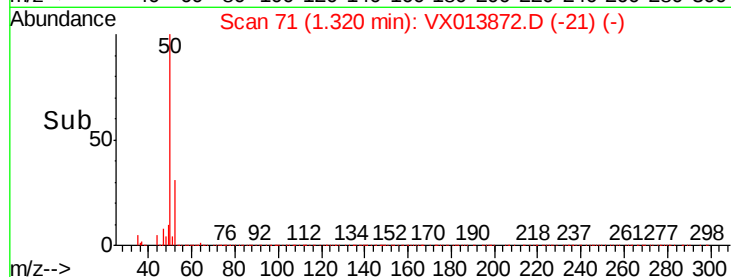
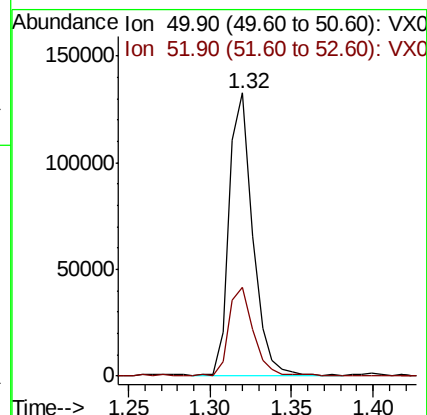
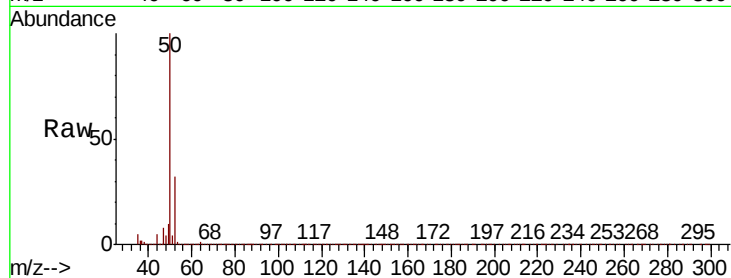
VX1209WBS02

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: VX013872.D

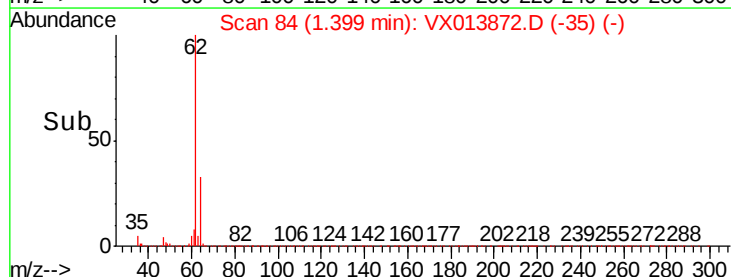
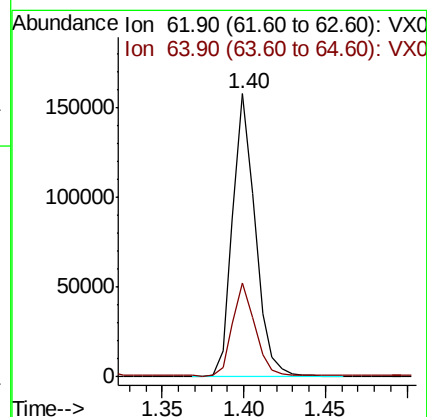
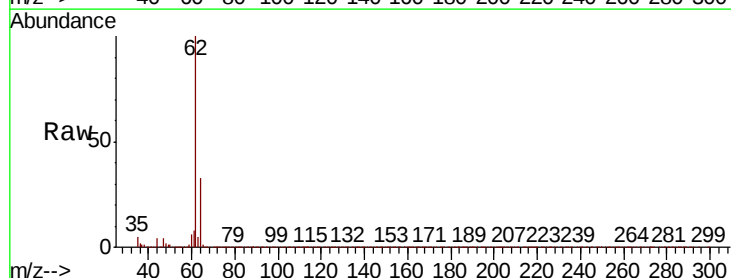
Acq: 10 Dec 2019 00:20

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: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

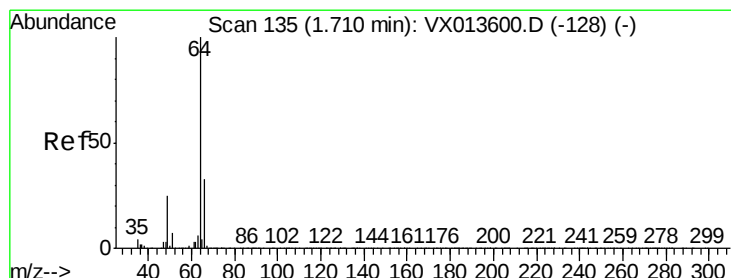
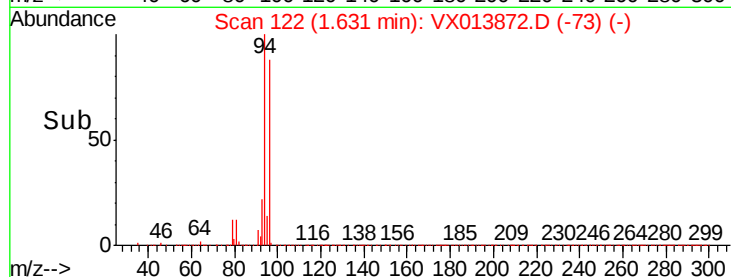
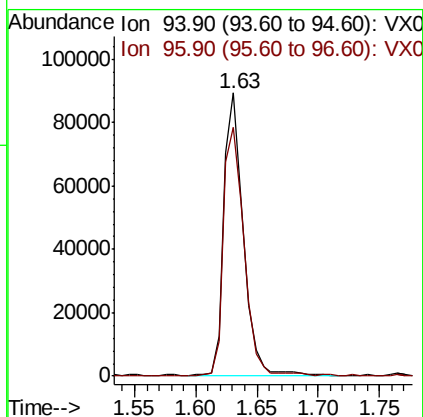
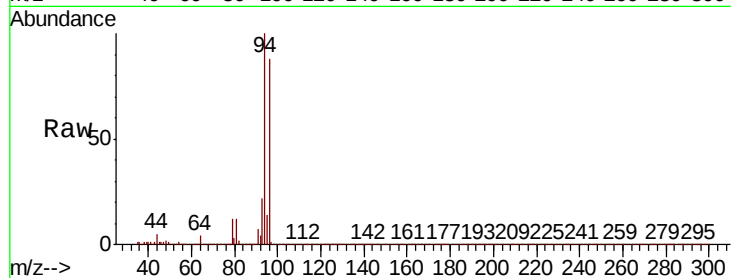
VX1209WBS02

Tot Ion: 94 Resp: 98033

Ion Ratio Lower Upper

94 100

96 88.1 77.0 115.4



#6

Chloroethane

Concen: 19.081 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013872.D

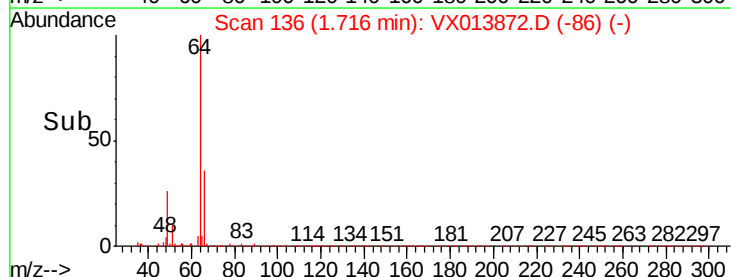
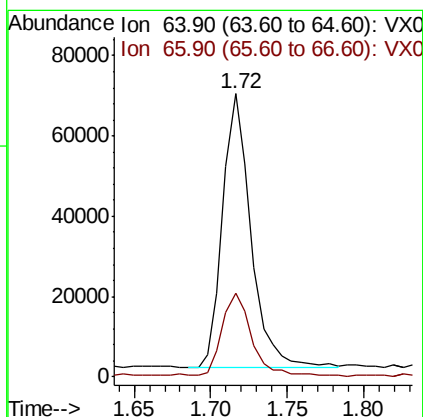
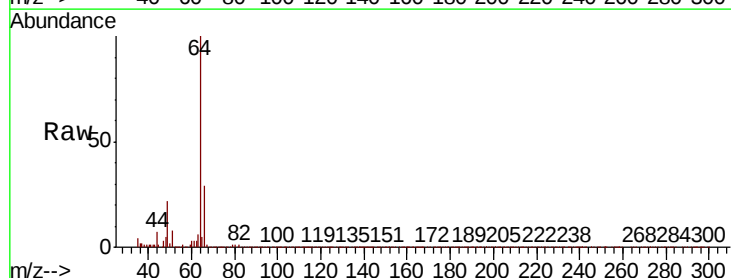
Acq: 10 Dec 2019 00:20

Tgt Ion: 64 Resp: 87135

Ion Ratio Lower Upper

64 100

66 29.7 26.7 40.1



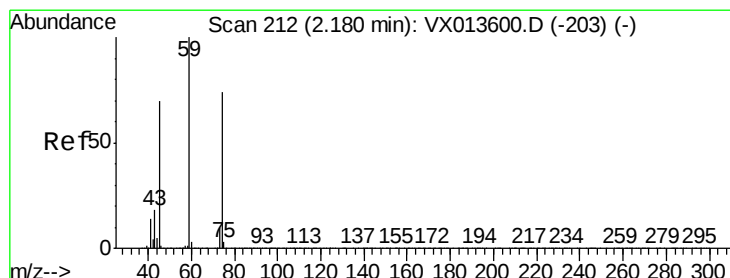
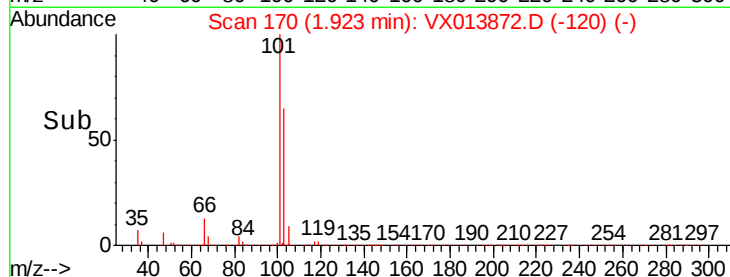
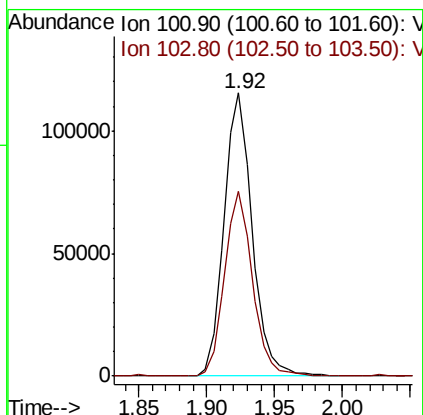
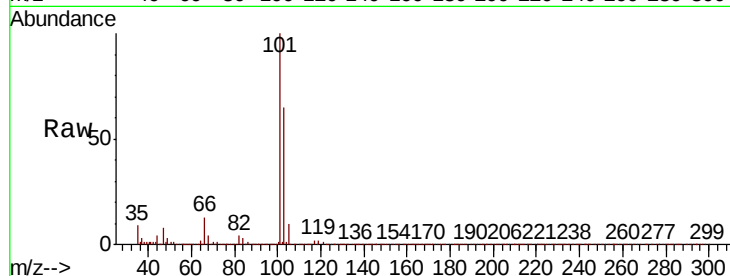


#7

Trichlorofluoromethane
 Concen: 18.656 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX013872.D
 Acq: 10 Dec 2019 00:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS02

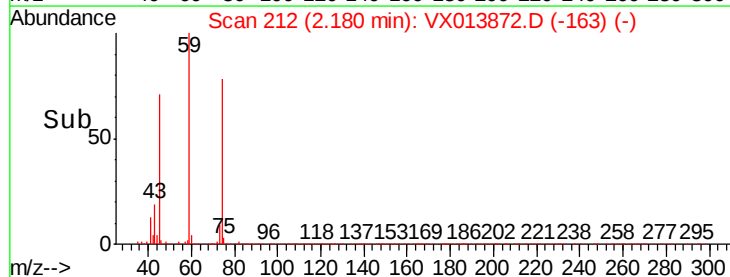
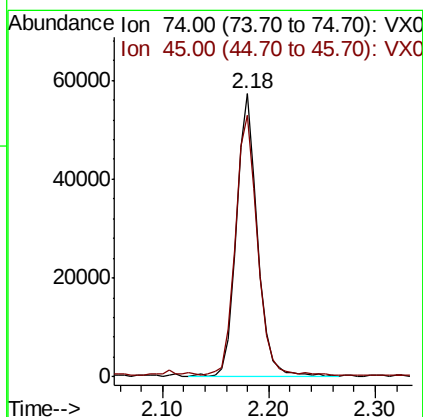
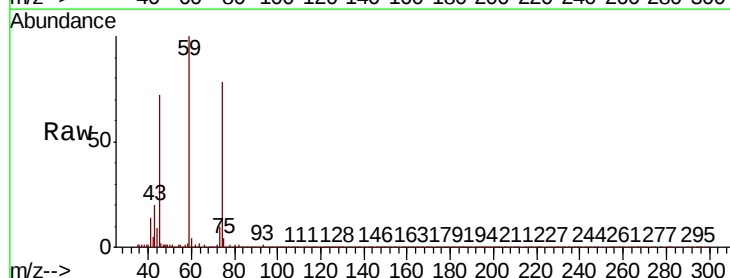
Tot Ion:101 Resp: 166242
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.8 77.6

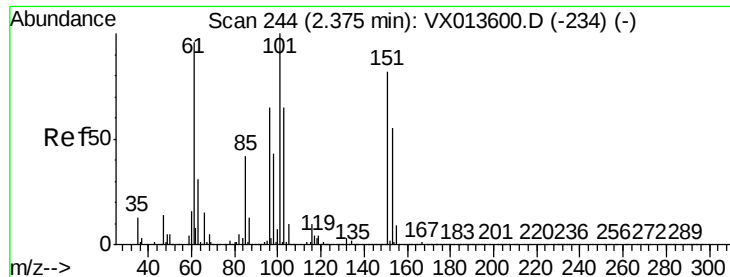


#8

Diethyl Ether
 Concen: 19.336 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013872.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: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS02

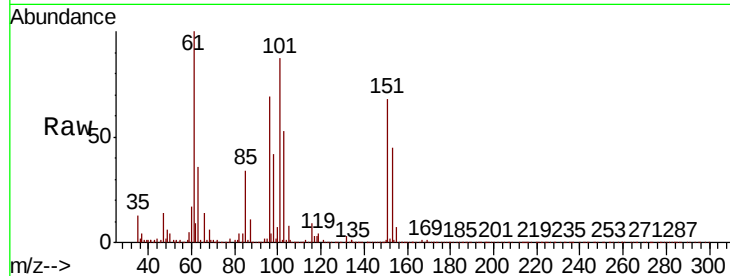
Tot Ion:101 Resp: 99810

Ion Ratio Lower Upper

101 100

85 41.9 33.9 50.9

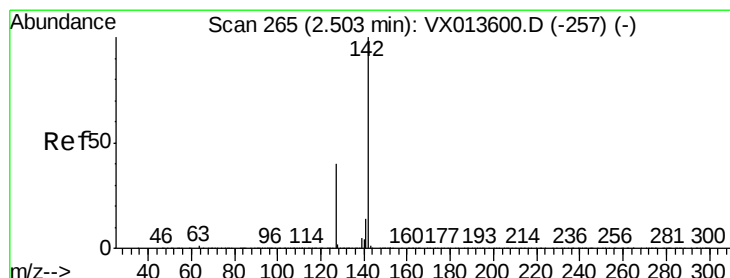
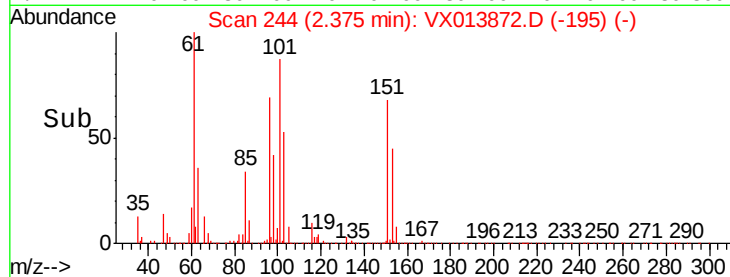
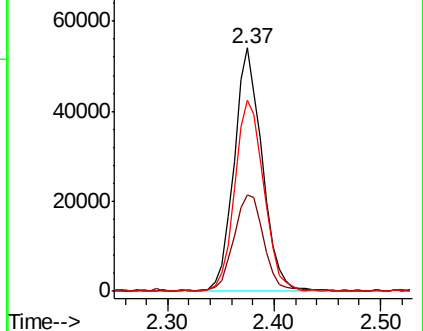
151 82.0 64.2 96.2



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: VX013872.D

Acq: 10 Dec 2019 00:20

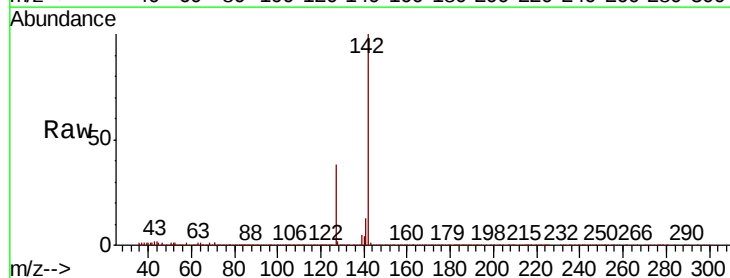
Tgt Ion:142 Resp: 107500

Ion Ratio Lower Upper

142 100

127 39.3 31.0 46.4

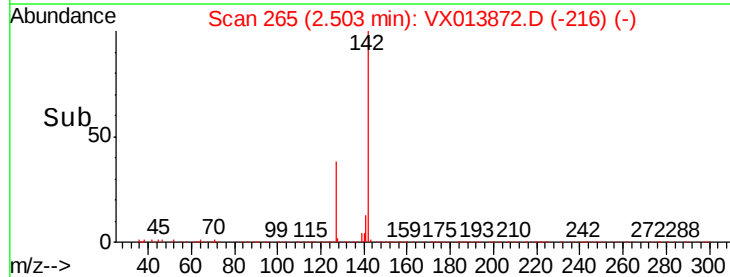
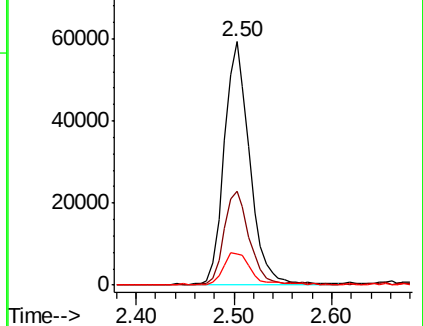
141 14.2 11.6 17.4

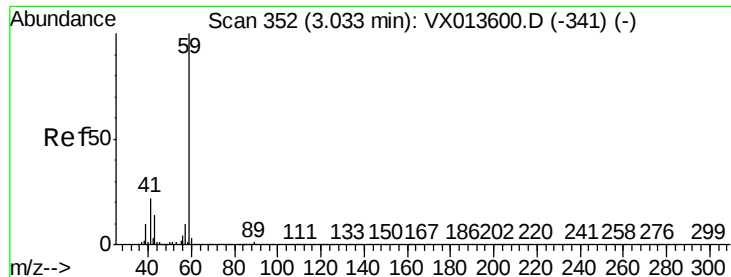


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



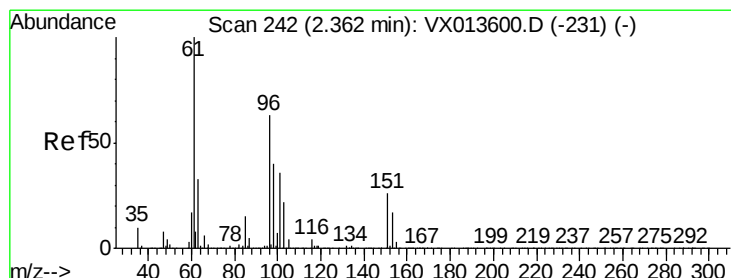
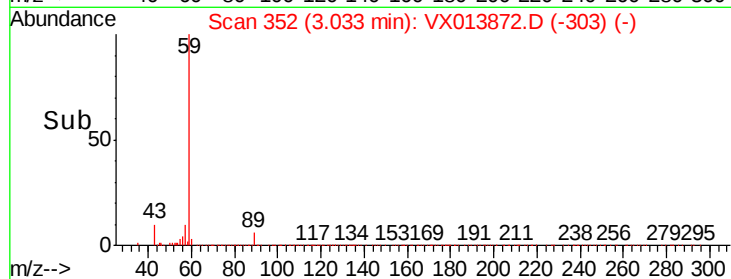
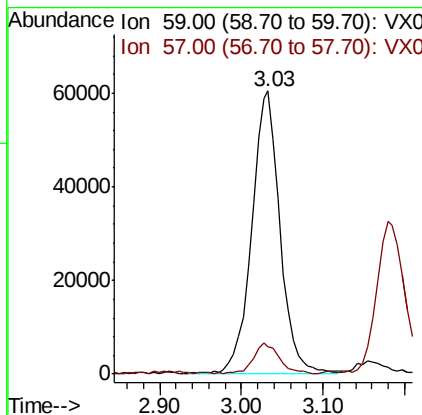
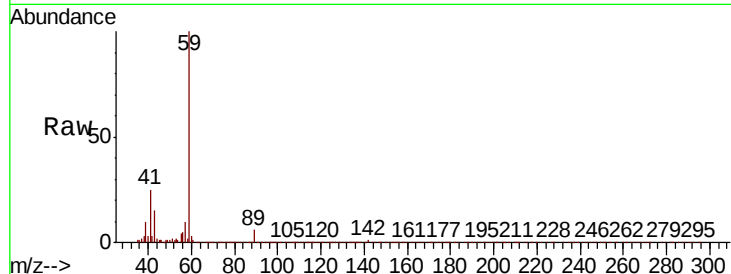


#11

Tert butyl alcohol
 Concen: 88.499 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VX013872.D
 Acq: 10 Dec 2019 00:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS02

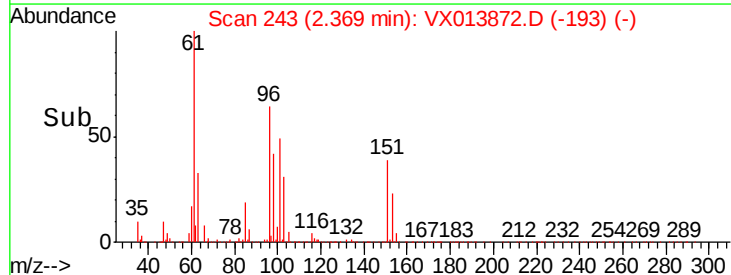
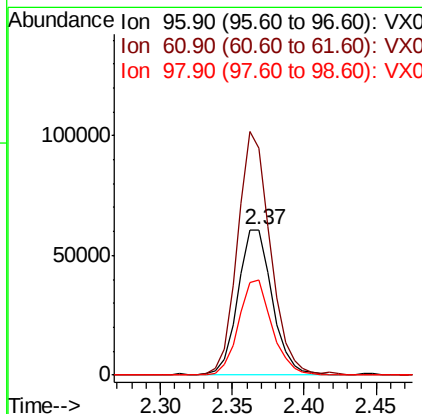
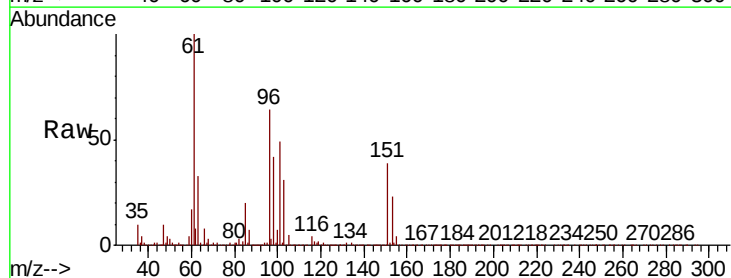
Tot Ion: 59 Resp: 144754
 Ion Ratio Lower Upper
 59 100
 57 9.3 7.8 11.6

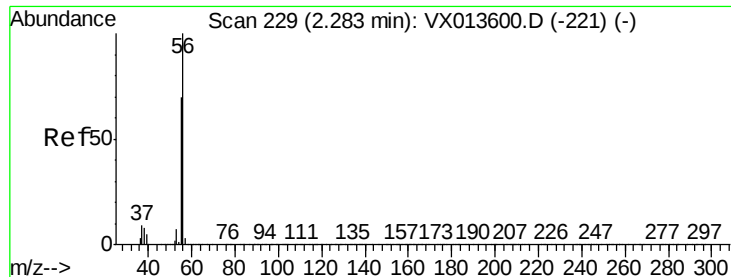


#12

1,1-Dichloroethene
 Concen: 18.433 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX013872.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: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

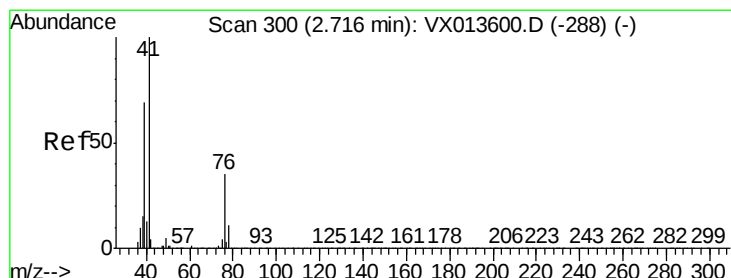
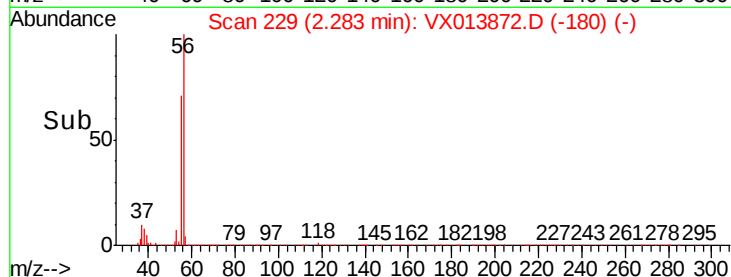
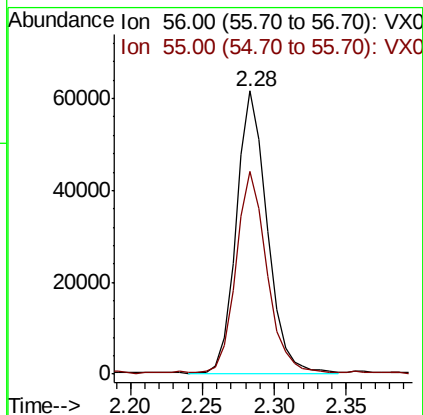
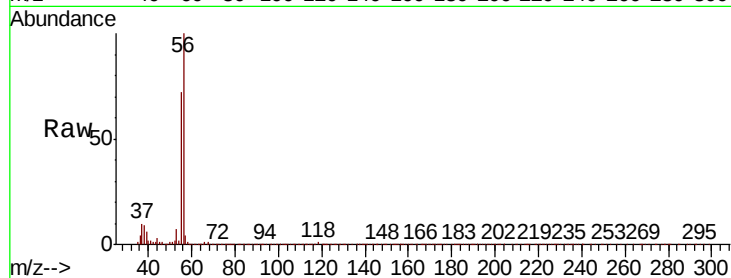
VX1209WBS02

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: VX013872.D

Acq: 10 Dec 2019 00:20

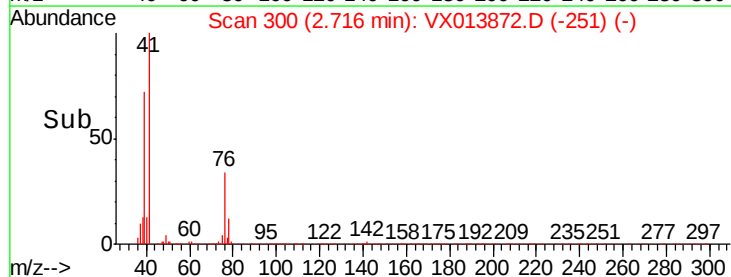
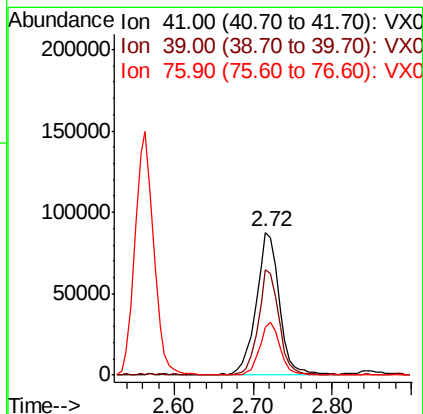
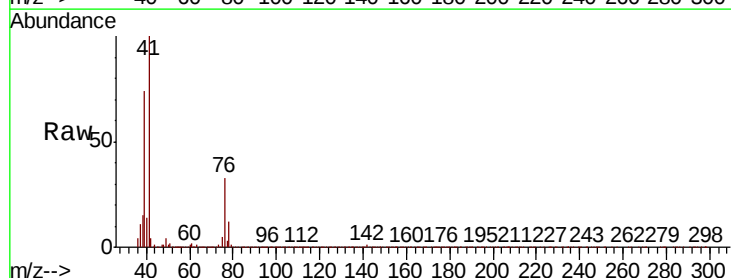
Tgt Ion: 41 Resp: 177694

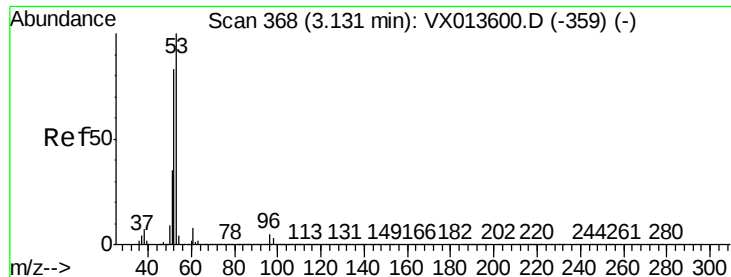
Ion Ratio Lower Upper

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: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

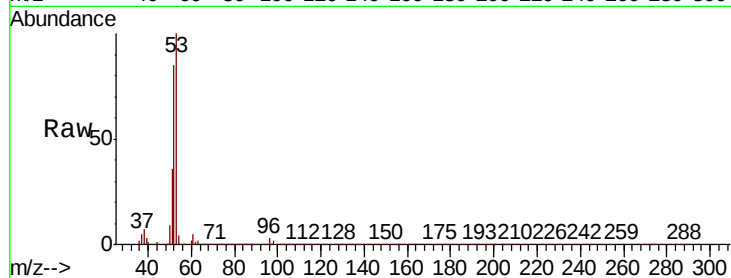
MSVOA_X

ClientSampleId :

VX1209WBS02

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

3.13

150000

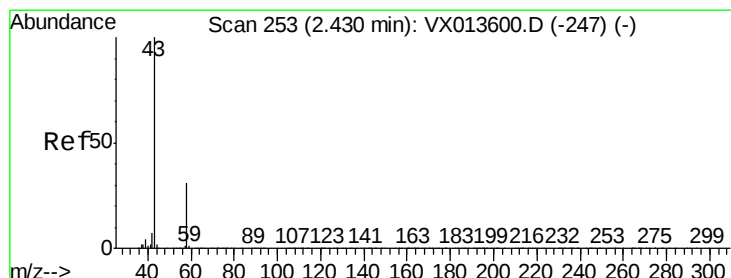
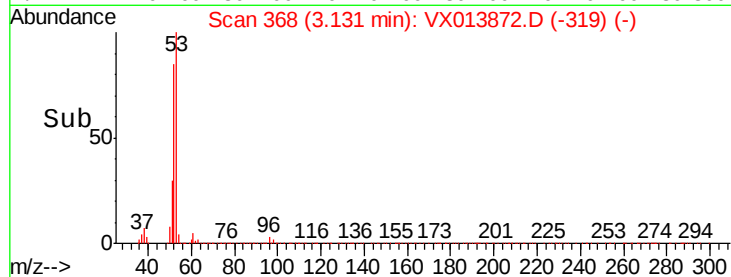
100000

50000

0

Time-->

3.00 3.10 3.20 3.30



#16

Acetone

Concen: 95.801 ug/l

RT: 2.43 min Scan# 253

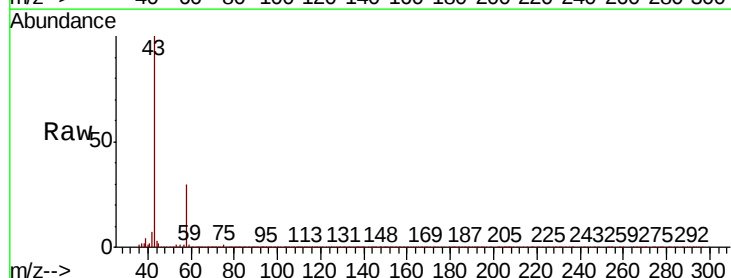
Delta R.T. -0.00 min

Lab File: VX013872.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

2.43

200000

150000

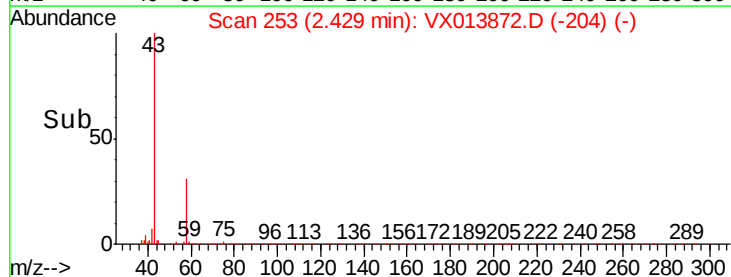
100000

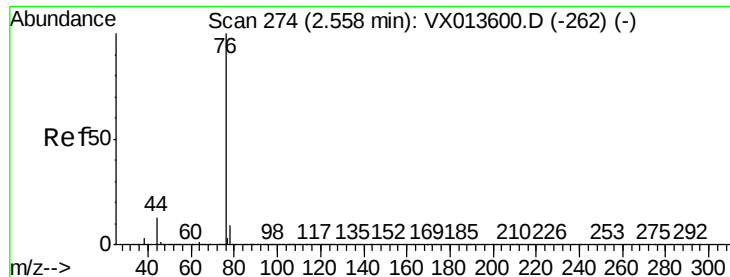
50000

0

Time-->

2.40 2.50 2.60





#17

Carbon Disulfide

Concen: 15.992 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

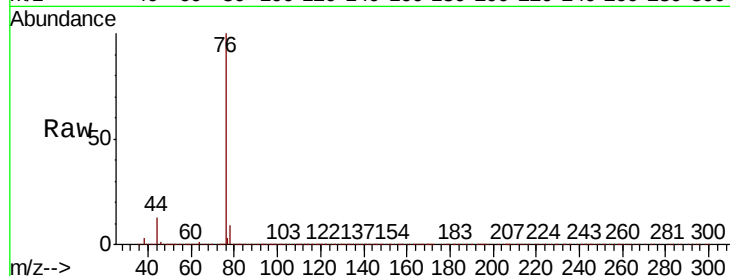
VX1209WBS02

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

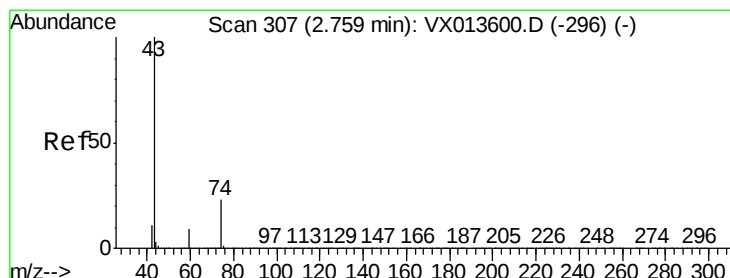
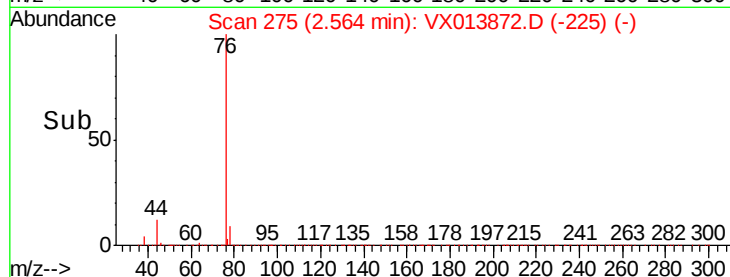
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 20.960 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013872.D

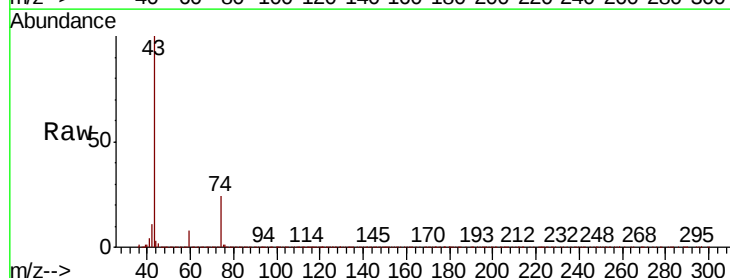
Acq: 10 Dec 2019 00:20

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

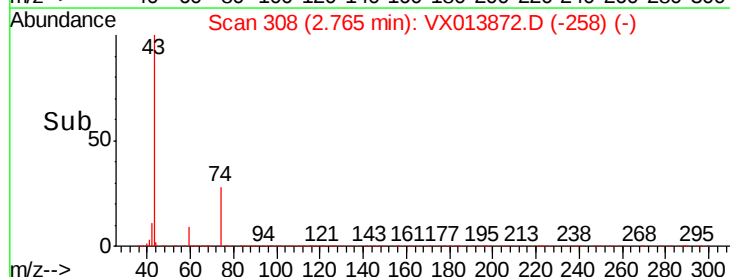
60000

40000

20000

0

Time-->

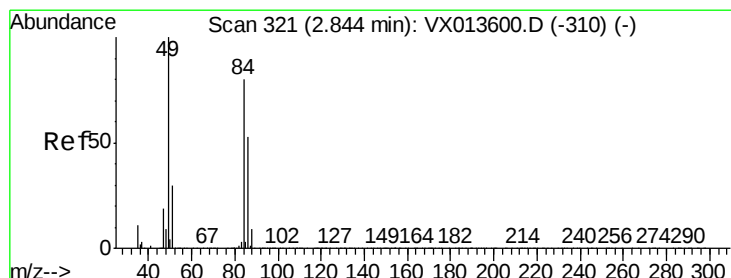
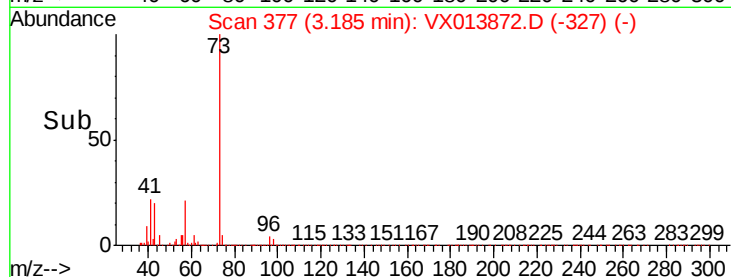
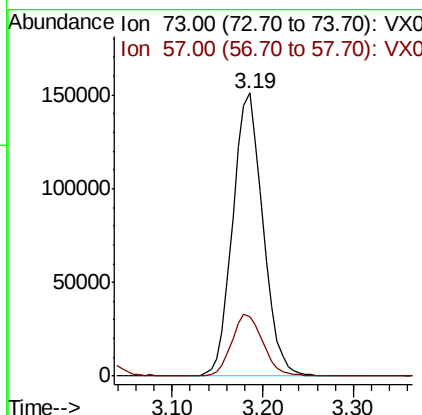
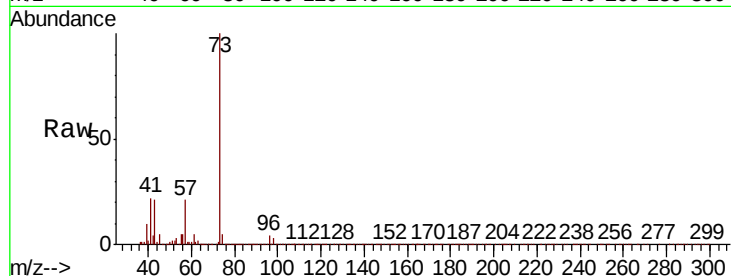




#19
Methvl tert-butvl Ether
Concen: 19.415 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013872.D
Acq: 10 Dec 2019 00:20

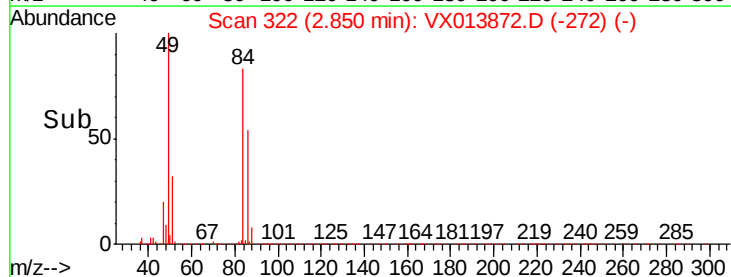
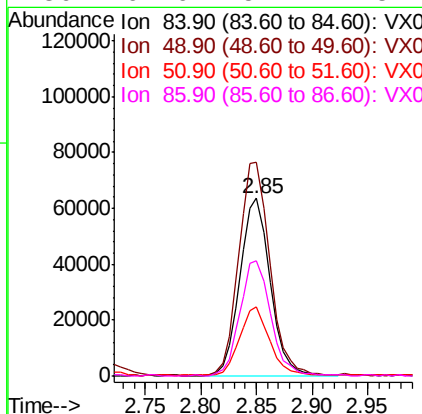
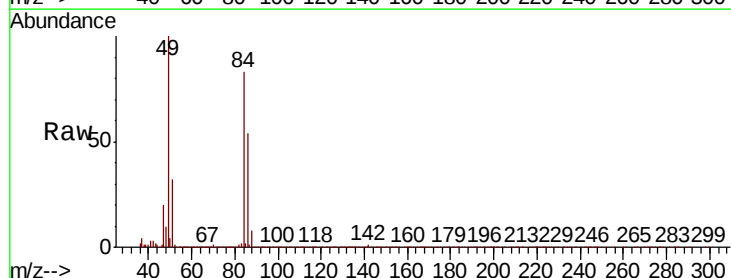
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

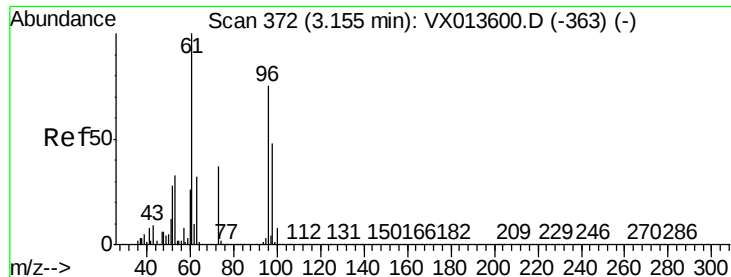
Tot Ion: 73 Resp: 349430
Ion Ratio Lower Upper
73 100
57 20.9 18.3 27.5



#20
Methylene Chloride
Concen: 19.119 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013872.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: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS02

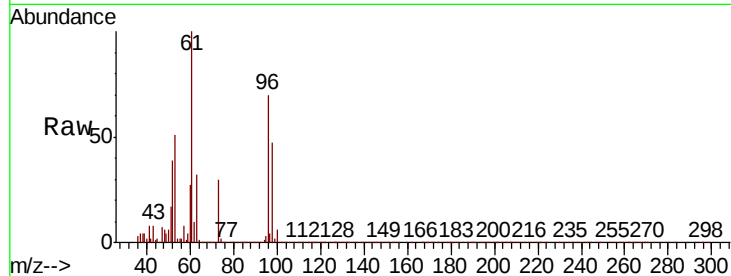
Tot Ion: 96 Resp: 107458

Ion Ratio Lower Upper

96 100

61 142.9 107.2 160.8

98 66.6 51.4 77.0

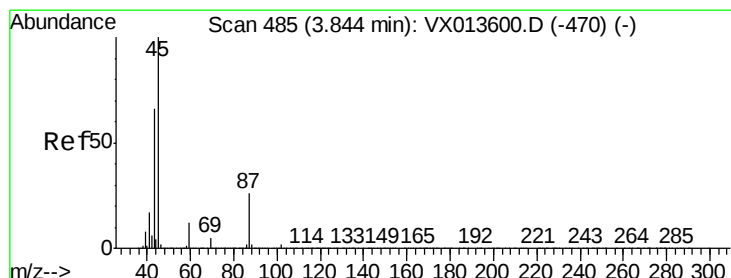
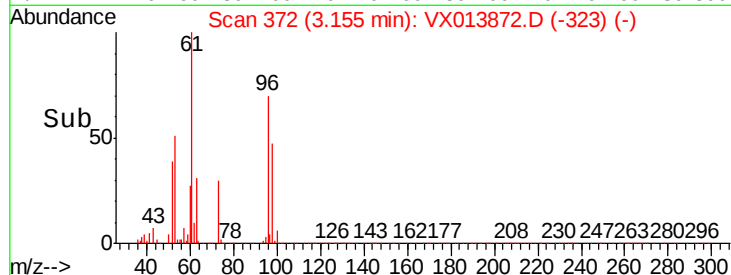
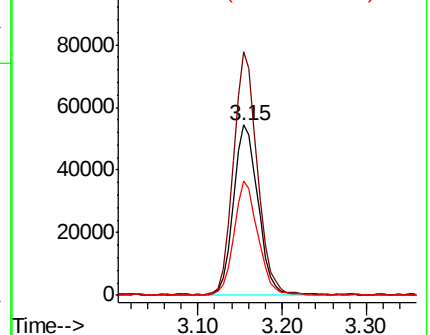


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.126 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013872.D

Acq: 10 Dec 2019 00:20

Tgt Ion: 45 Resp: 382081

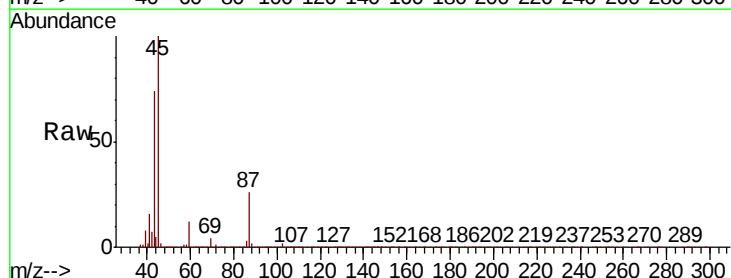
Ion Ratio Lower Upper

45 100

43 73.1 52.6 79.0

87 25.9 21.1 31.7

59 11.6 9.2 13.8



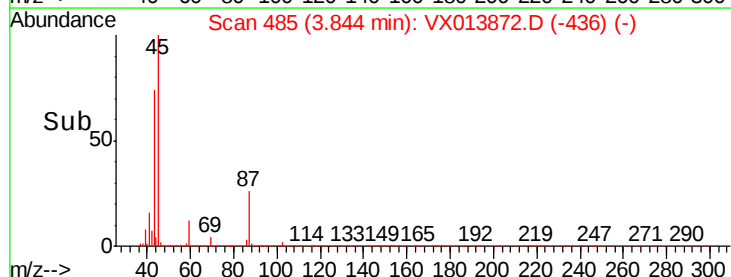
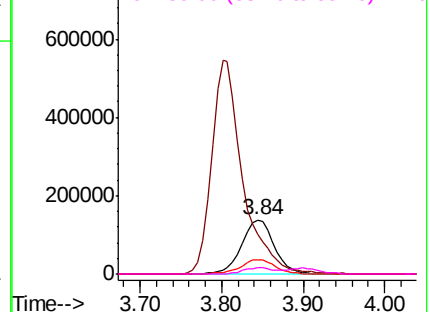
Abundance

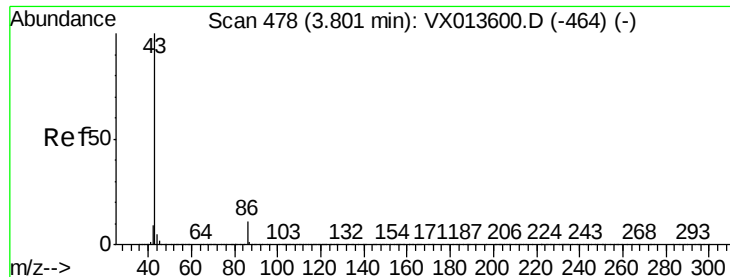
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

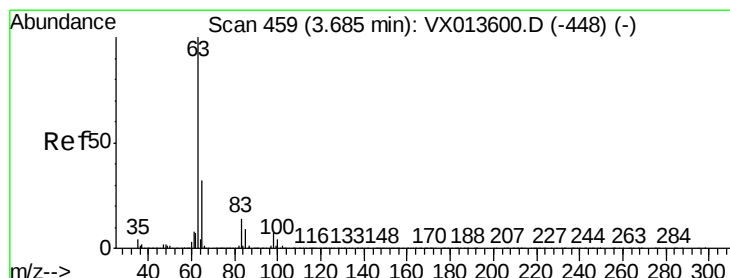
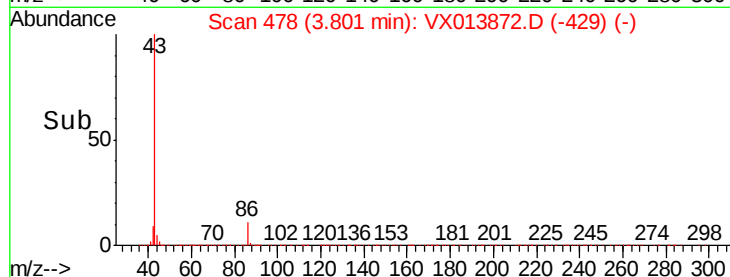
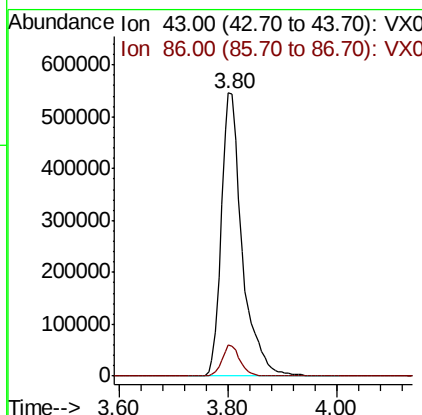
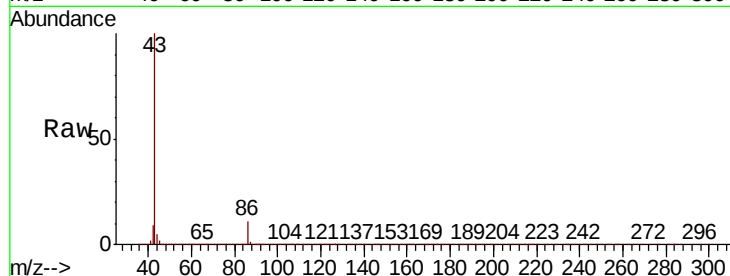




#23
 Vinyl Acetate
 Concen: 91.946 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX013872.D
 Acq: 10 Dec 2019 00:20

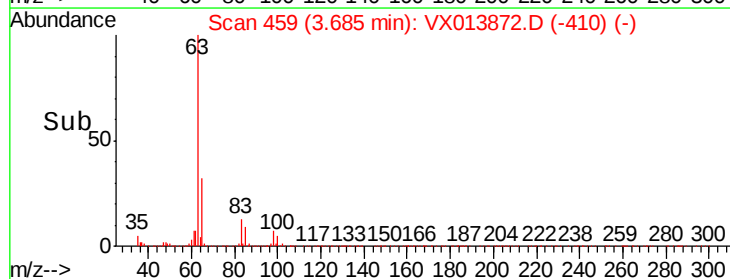
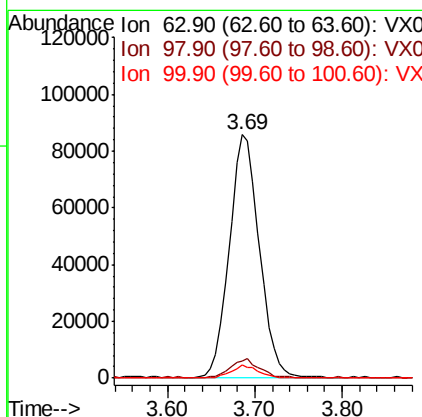
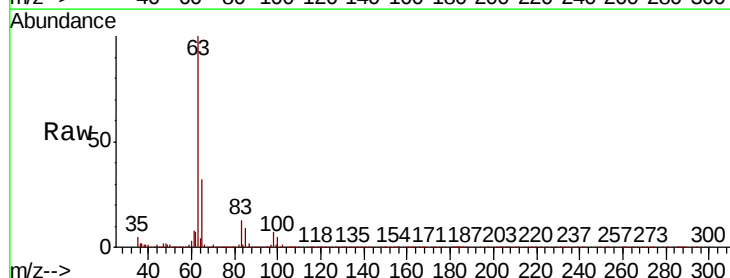
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS02

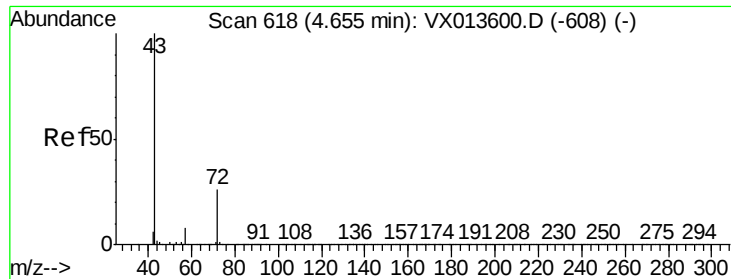
Tot Ion: 43 Resp: 1452106
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 19.838 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX013872.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





#25

2-Butanone

Concen: 96.443 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

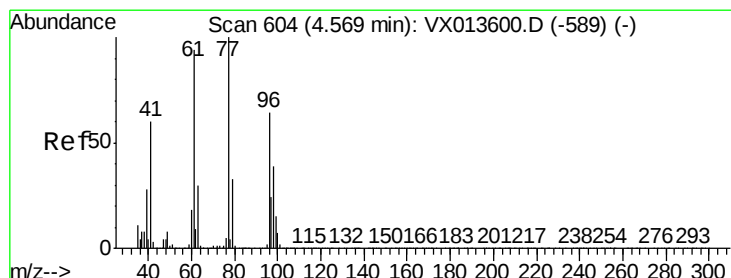
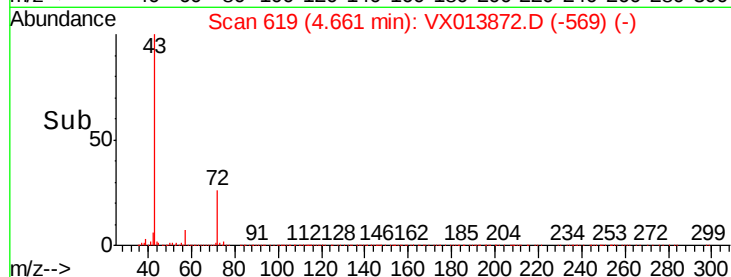
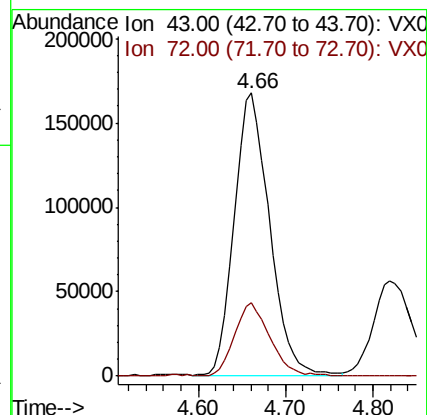
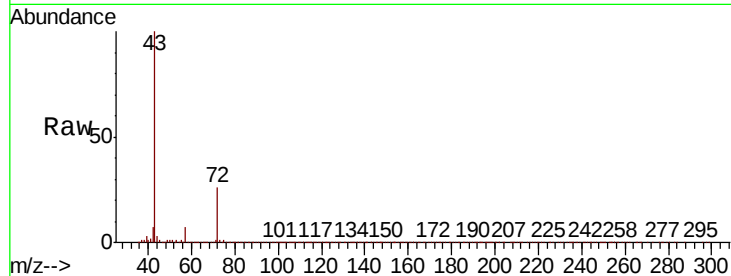
VX1209WBS02

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: VX013872.D

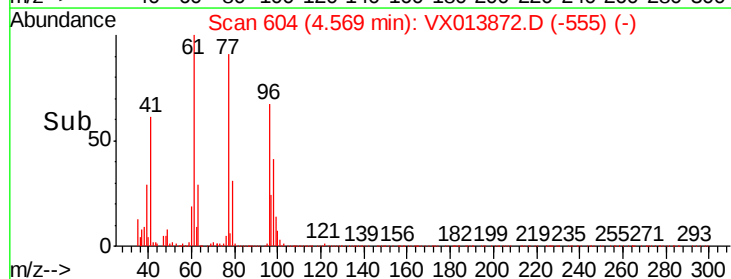
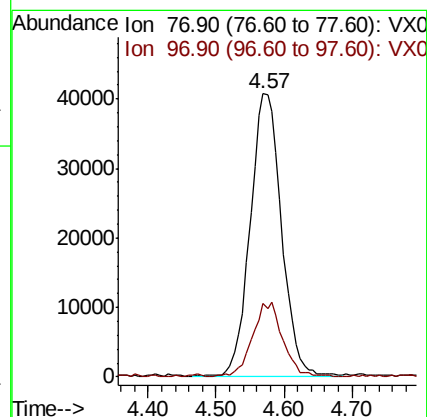
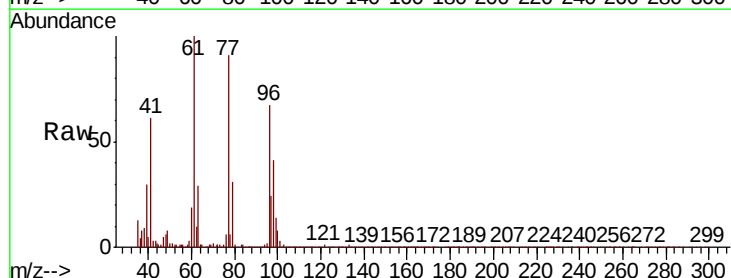
Acq: 10 Dec 2019 00:20

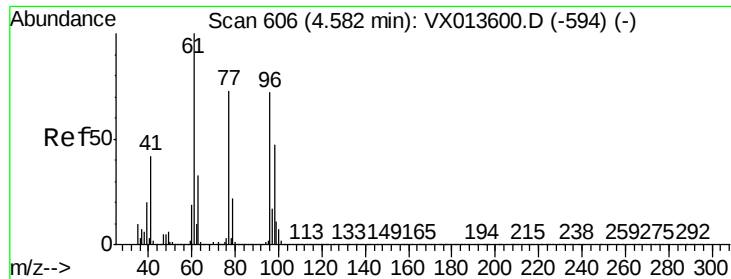
Tgt Ion: 77 Resp: 131698

Ion Ratio Lower Upper

77 100

97 25.2 12.0 36.1



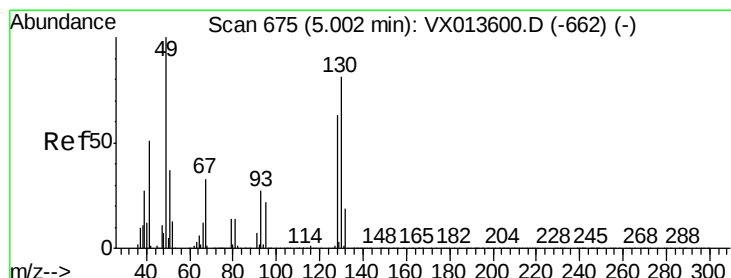
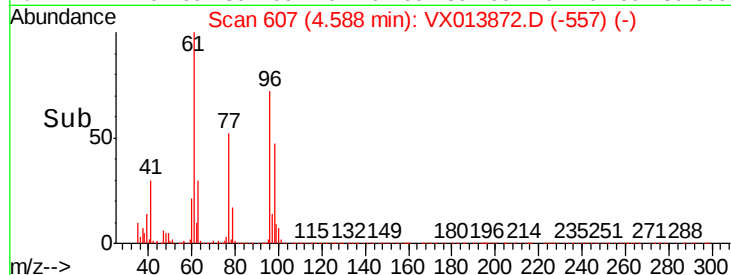
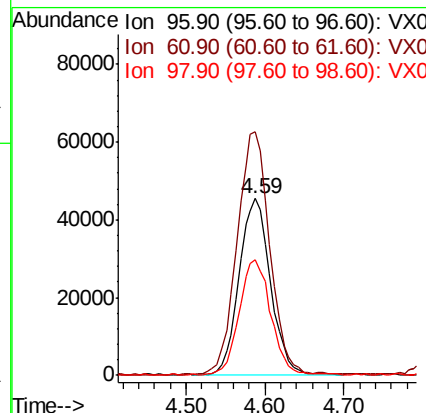
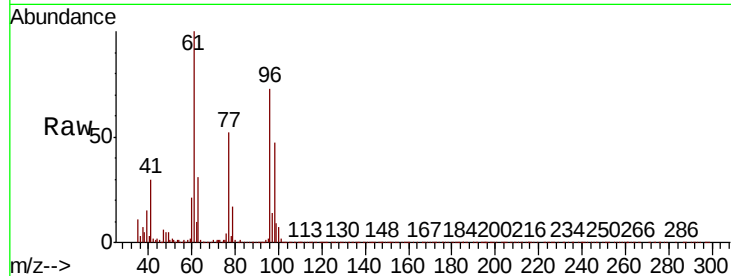


#27

cis-1,2-Dichloroethene
Concen: 18.584 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

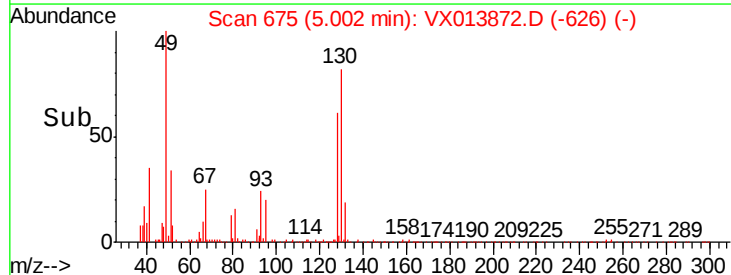
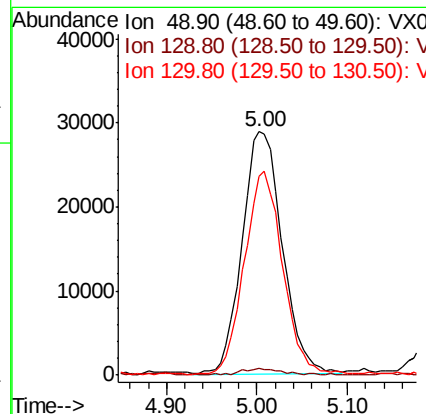
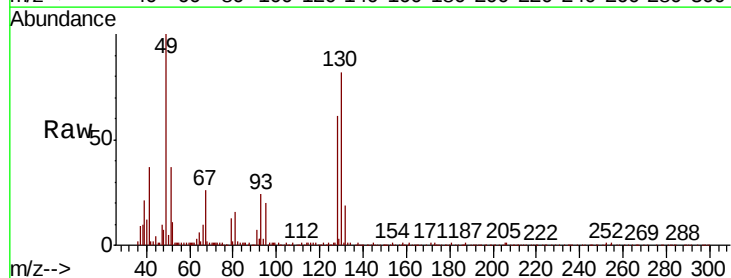
Tot Ion: 96 Resp: 126313
Ion Ratio Lower Upper
96 100
61 141.7 0.0 286.4
98 65.1 0.0 127.4

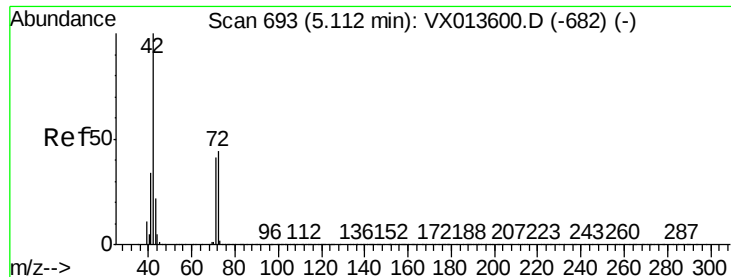


#28

Bromochloromethane
Concen: 21.567 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013872.D
Acq: 10 Dec 2019 00:20

Tgt Ion: 49 Resp: 88481
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: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS02

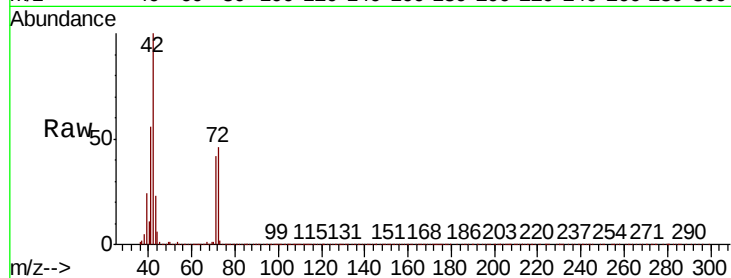
Tot Ion: 42 Resp: 296257

Ion Ratio Lower Upper

42 100

72 45.2 36.3 54.5

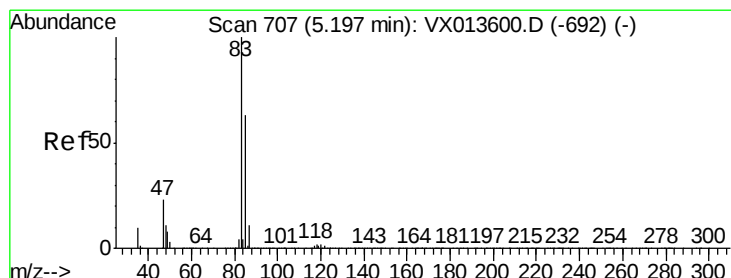
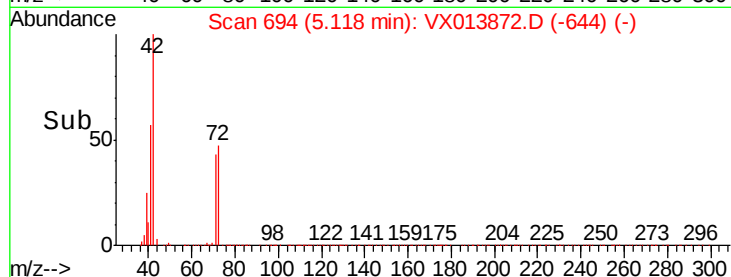
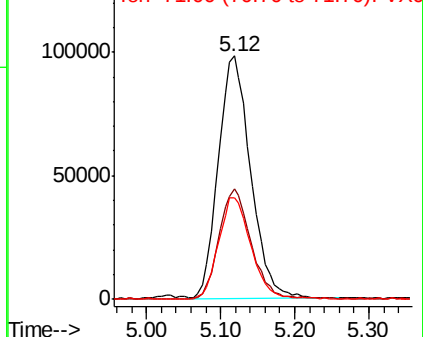
71 41.8 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.966 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013872.D

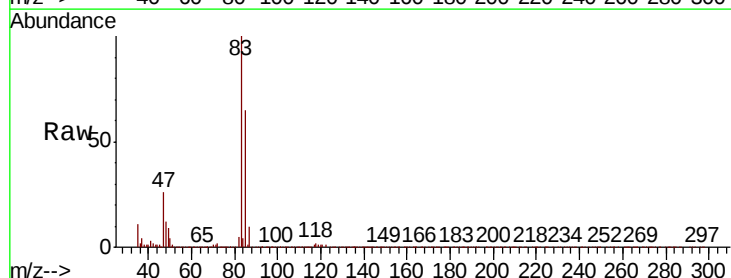
Acq: 10 Dec 2019 00:20

Tgt Ion: 83 Resp: 199613

Ion Ratio Lower Upper

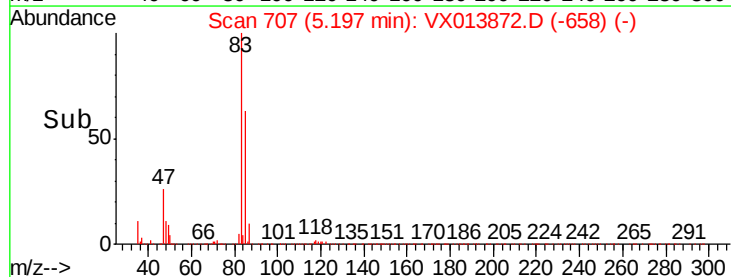
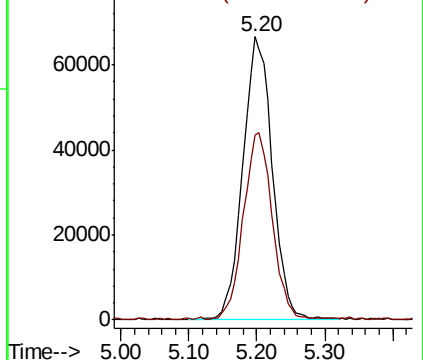
83 100

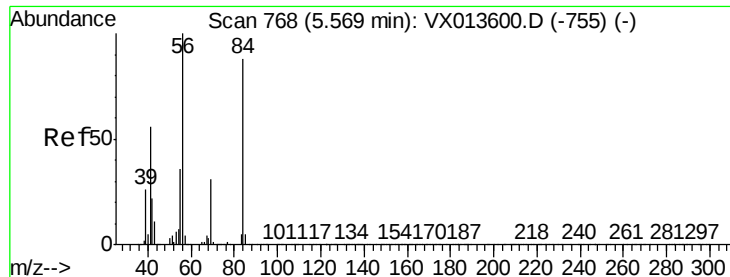
85 64.8 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

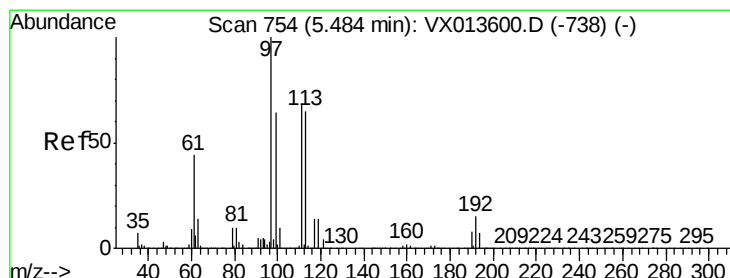
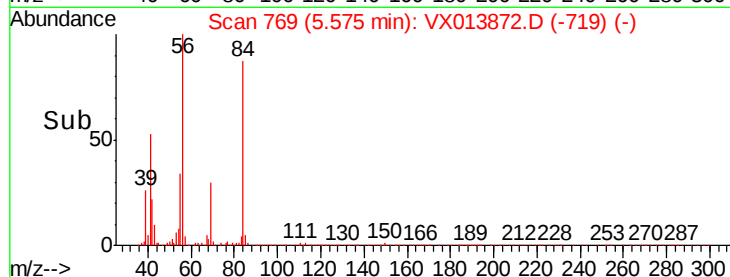
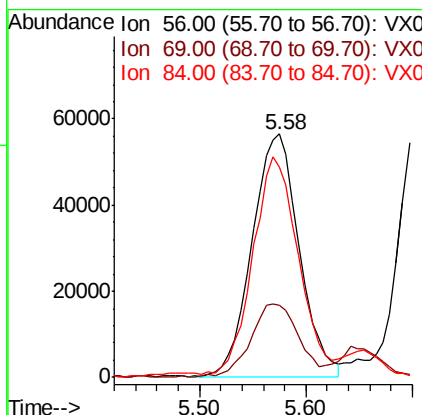
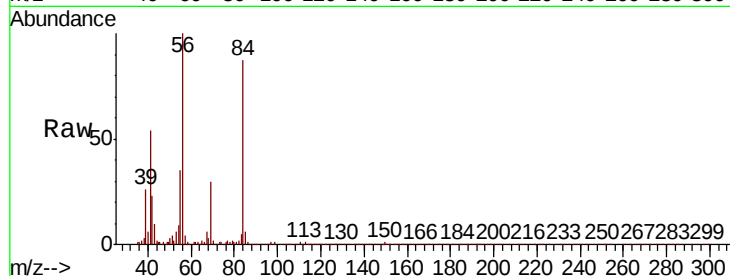




#31
Cyclohexane
Concen: 17.698 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013872.D
Acq: 10 Dec 2019 00:20

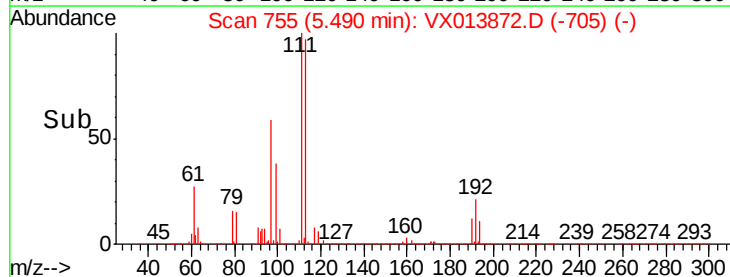
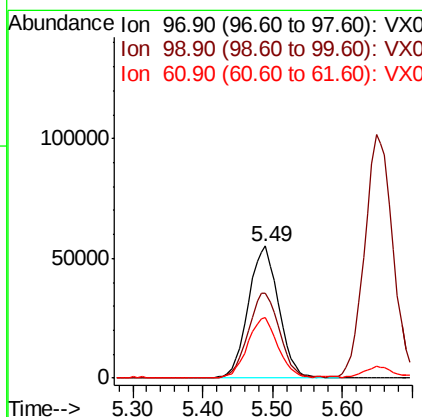
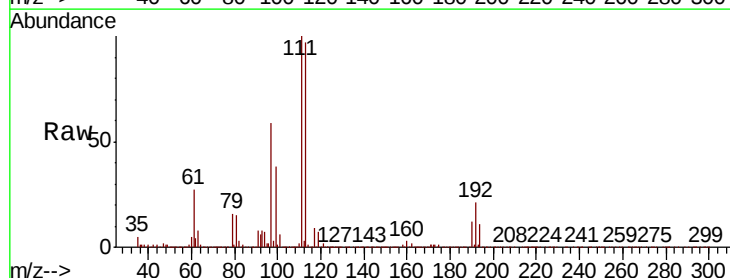
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

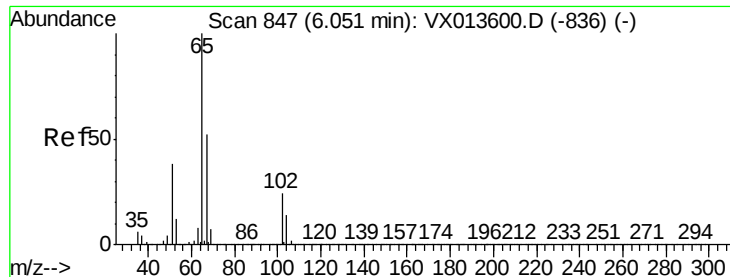
Tot Ion: 56 Resp: 173241
Ion Ratio Lower Upper
56 100
69 29.7 24.6 36.8
84 85.1 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 18.936 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013872.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

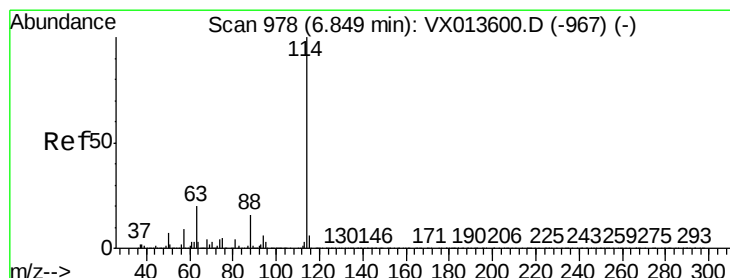
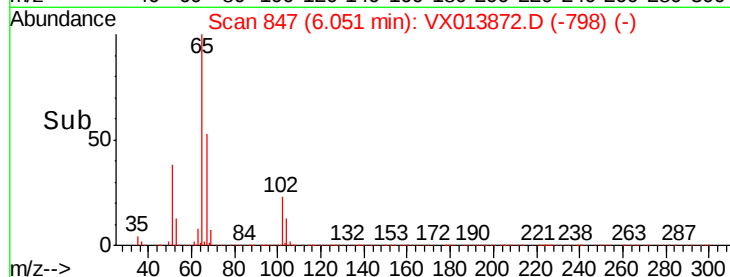
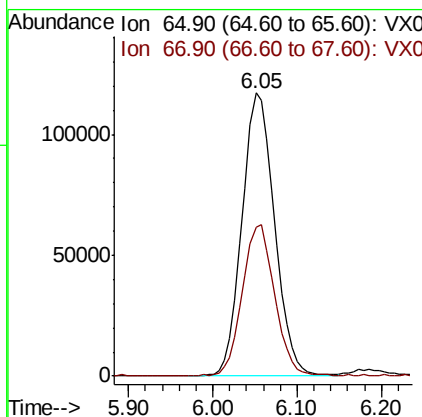
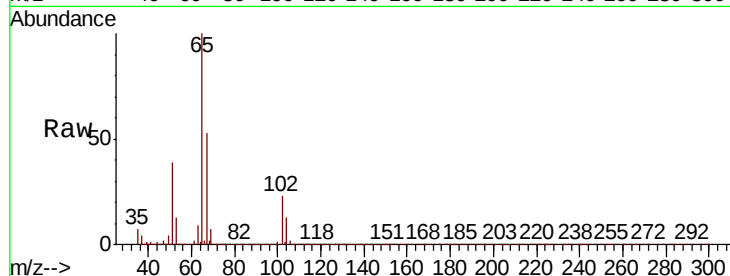




#33
 1,2-Dichloroethane-d4
 Concen: 46.090 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013872.D
 Acq: 10 Dec 2019 00:20

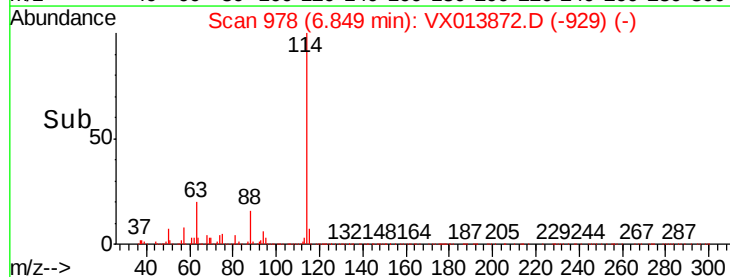
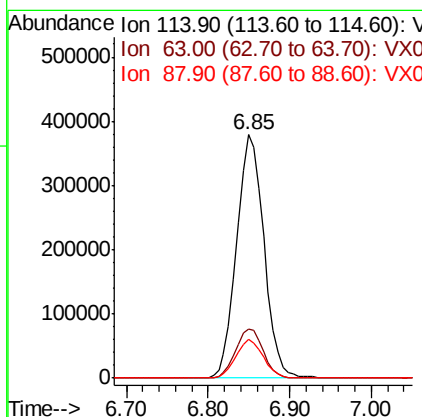
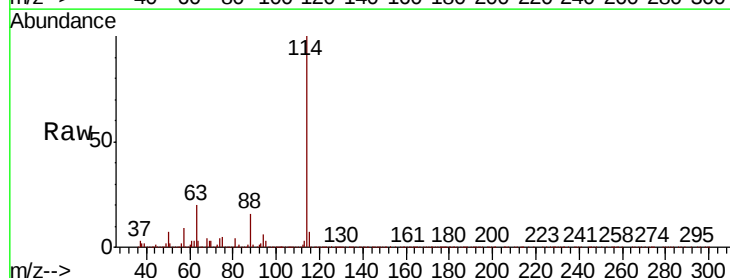
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS02

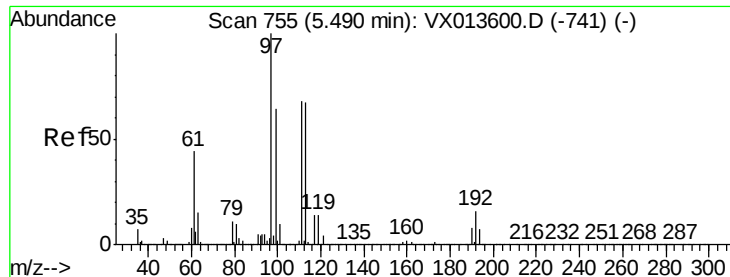
Tot Ion: 65 Resp: 305416
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013872.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

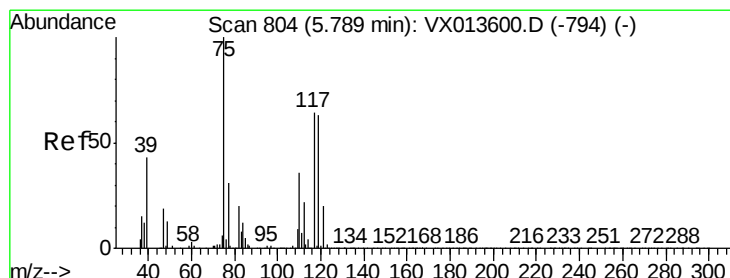
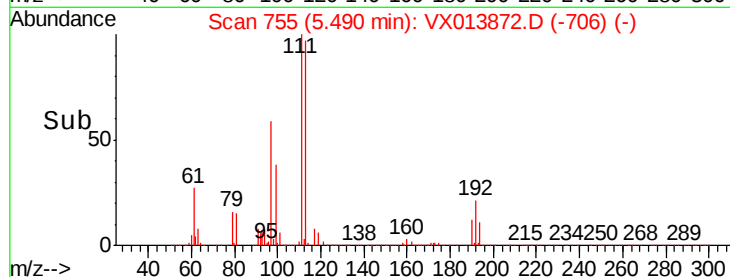
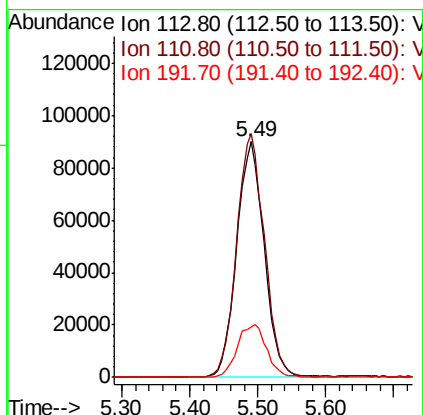
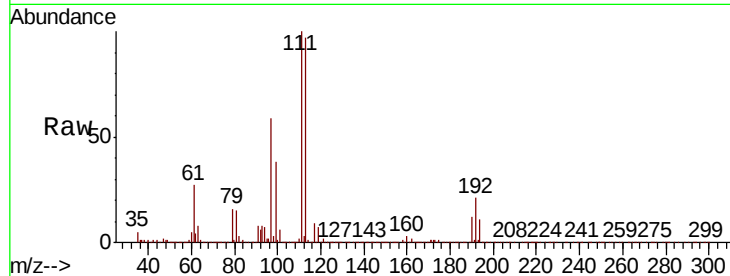




#35
Dibromofluoromethane
Concen: 46.554 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013872.D
Acq: 10 Dec 2019 00:20

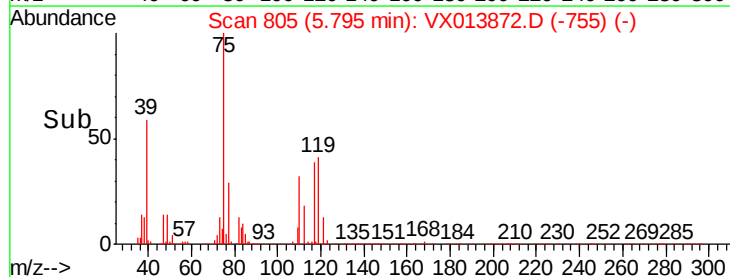
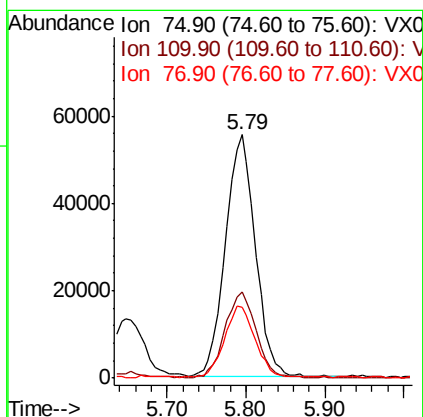
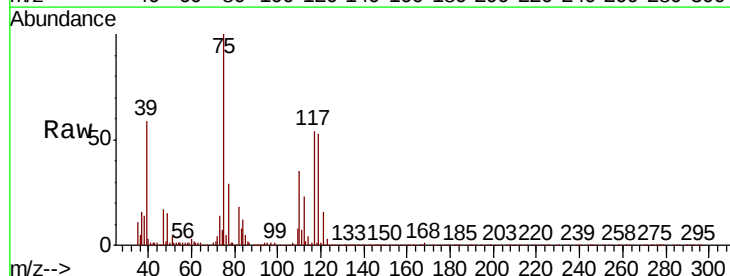
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

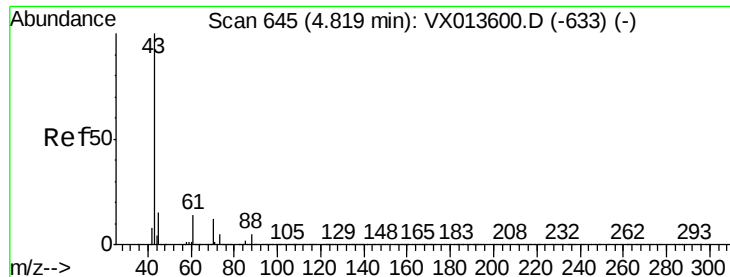
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.6	125.4
192	23.5	19.2	28.8



#36
1,1-Dichloropropene
Concen: 18.382 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX013872.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

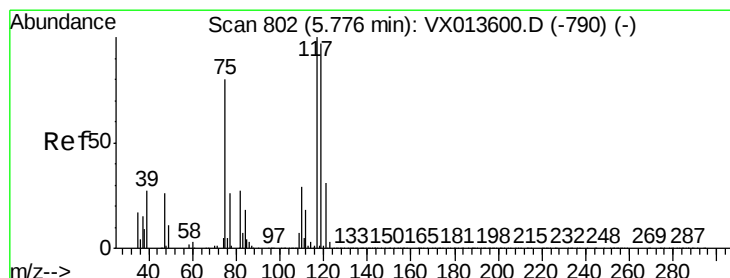
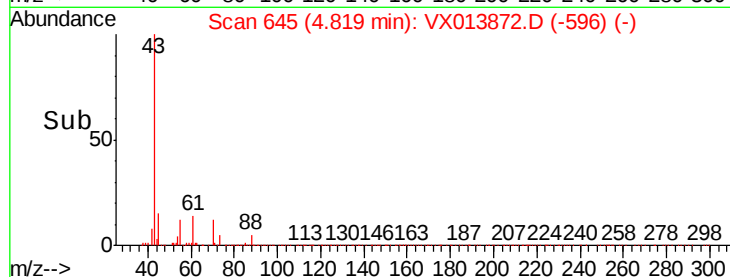
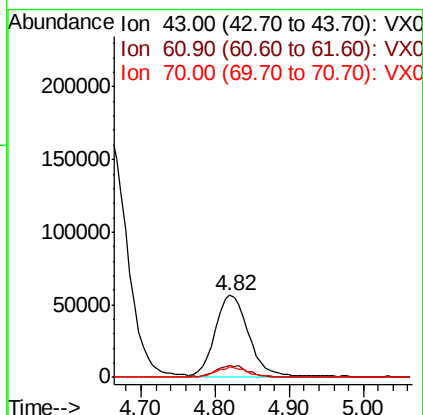
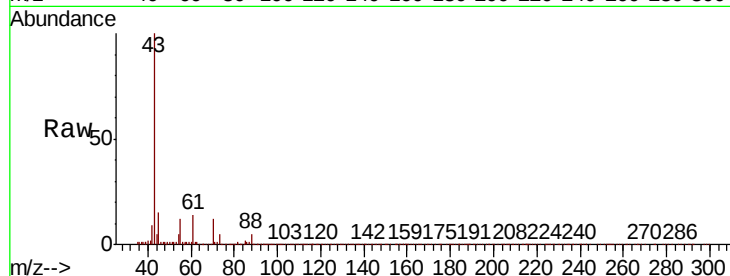




#37
Ethyl Acetate
Concen: 19.405 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013872.D
Acq: 10 Dec 2019 00:20

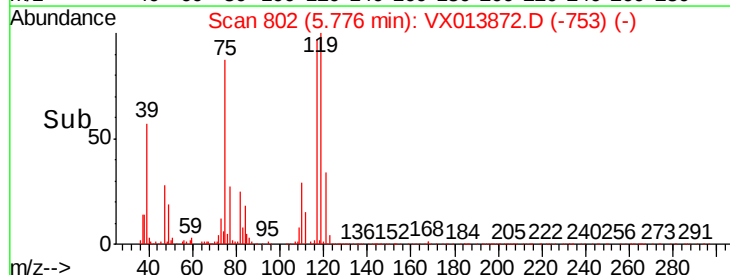
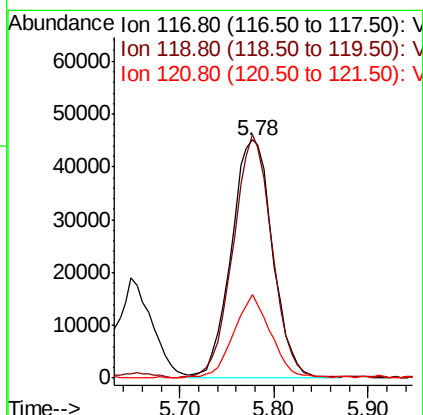
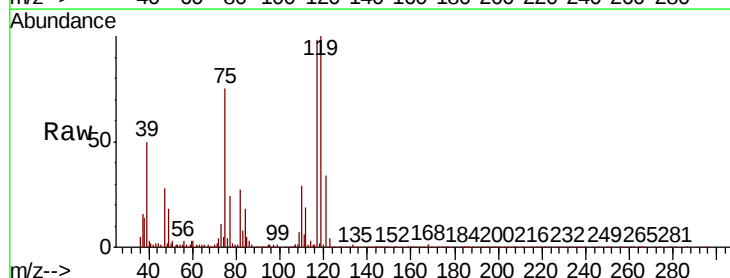
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

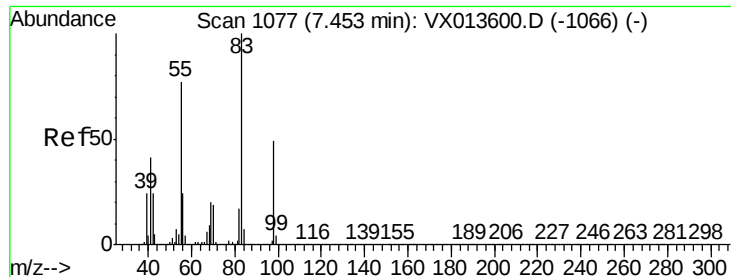
Tot Ion: 43 Resp: 173578
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.4
70 11.6 8.6 12.8



#38
Carbon Tetrachloride
Concen: 18.664 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013872.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

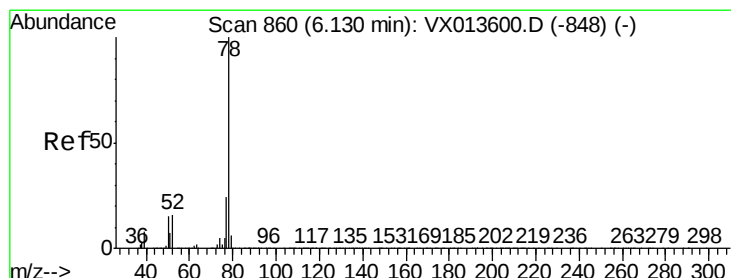
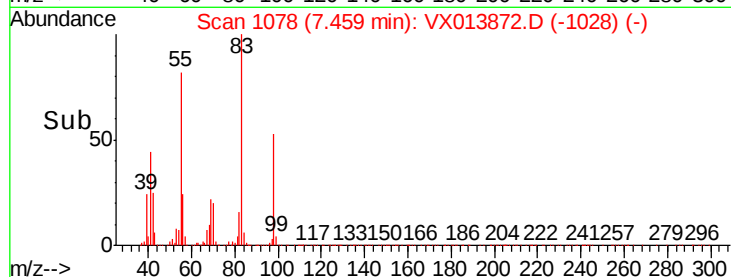
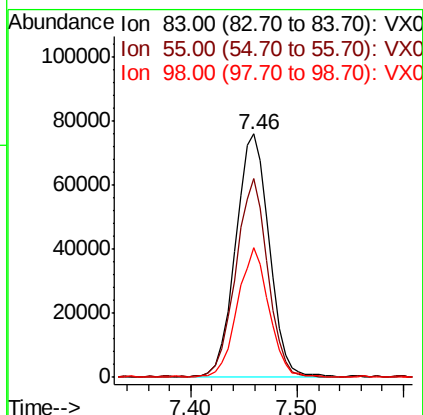
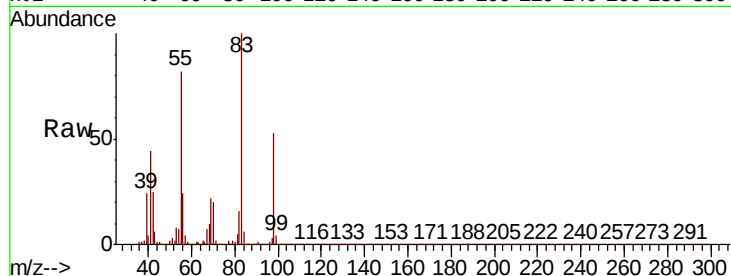




#39
Methvlcvclohexane
Concen: 16.949 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013872.D
Acq: 10 Dec 2019 00:20

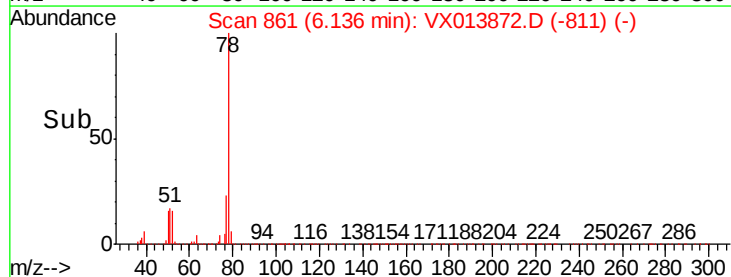
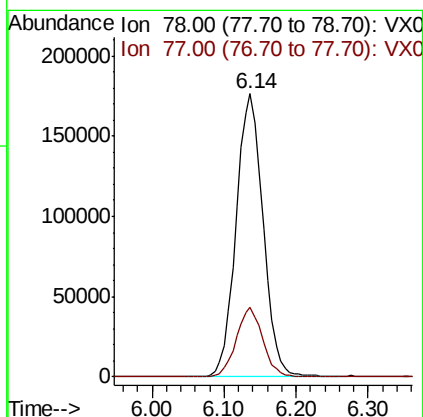
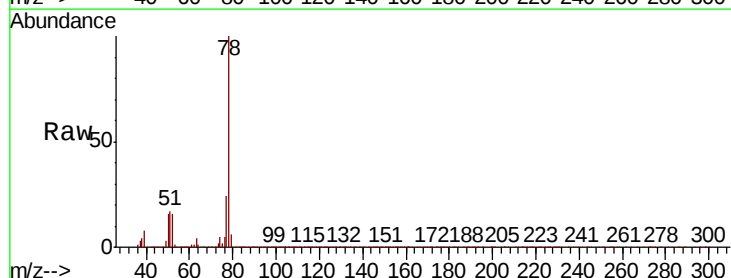
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

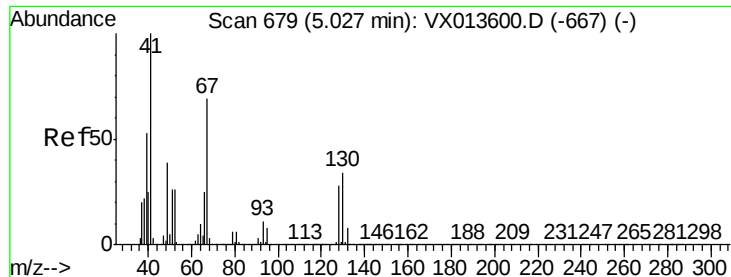
Tot Ion	Ratio	Lower	Upper
83	100		
55	81.9	61.9	92.9
98	53.1	39.4	59.0



#40
Benzene
Concen: 18.850 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.4

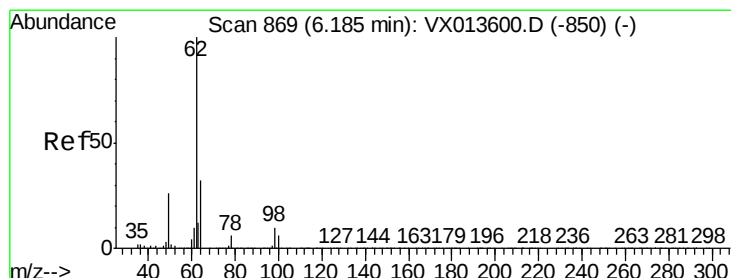
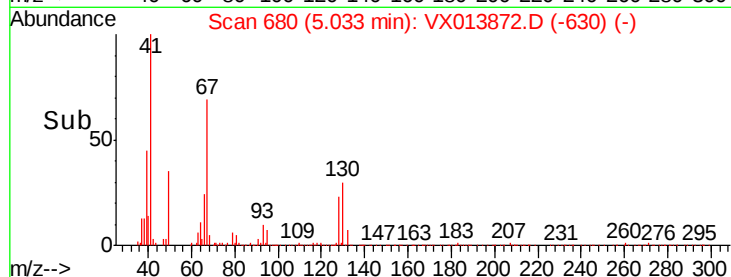
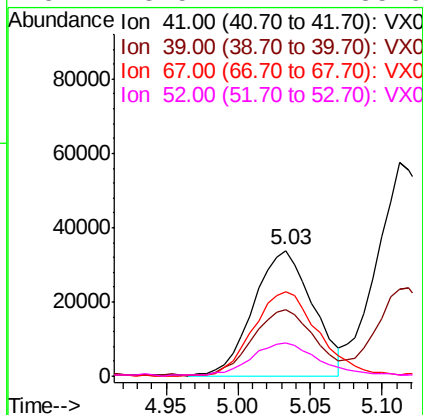
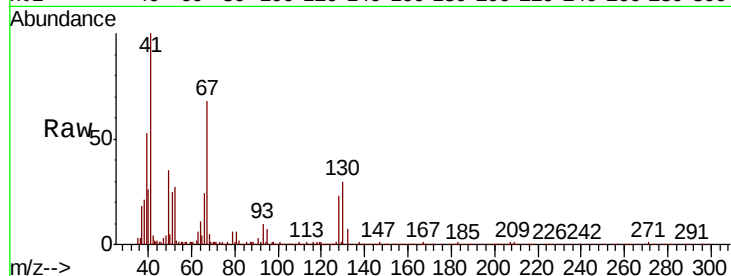




#41
Methacrylonitrile
Concen: 19.843 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013872.D
Acq: 10 Dec 2019 00:20

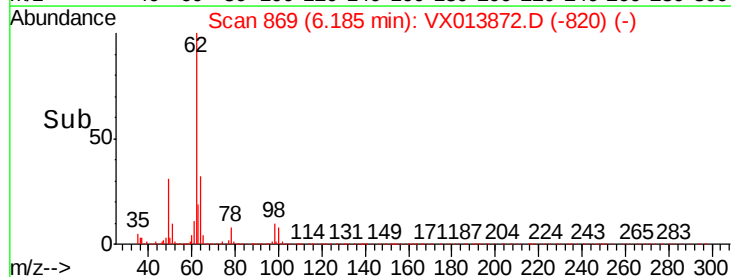
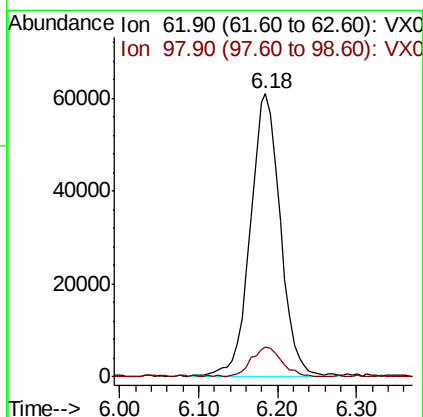
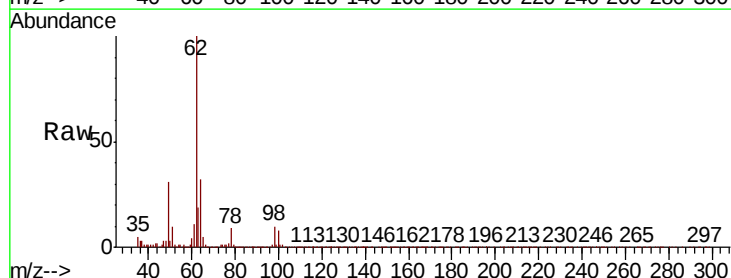
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

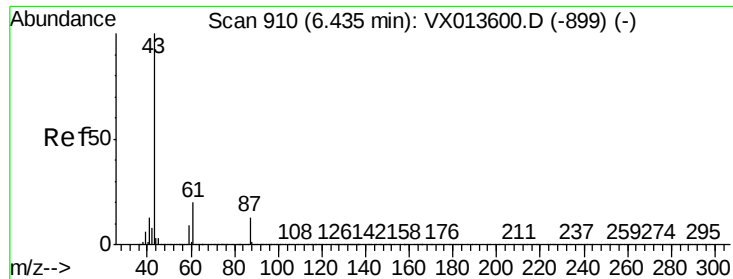
Tot Ion:	41	Resp:	97344
Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.9	64.3
67	74.0	57.4	86.0
52	28.5	22.4	33.6



#42
1,2-Dichloroethane
Concen: 19.544 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013872.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: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS02

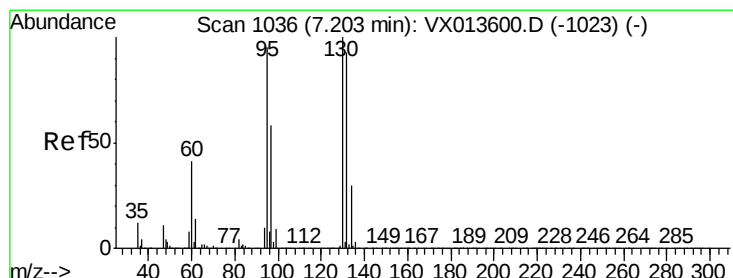
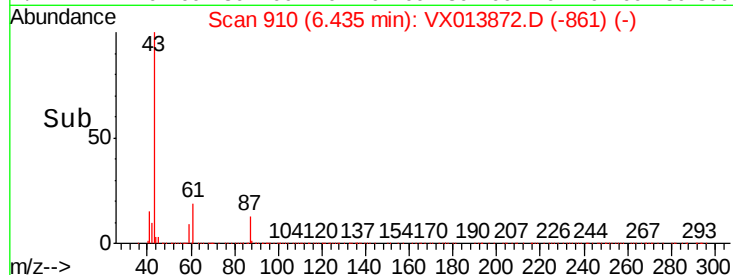
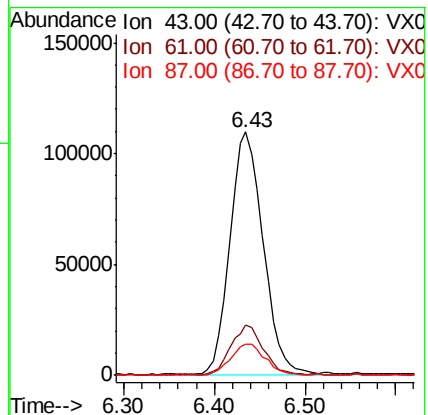
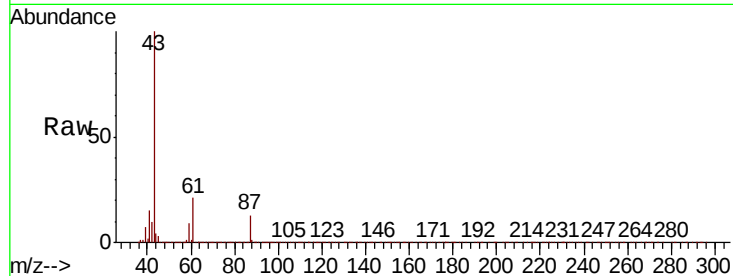
Tot Ion: 43 Resp: 278914

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: VX013872.D

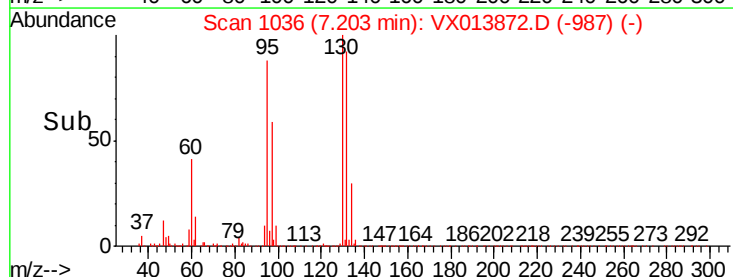
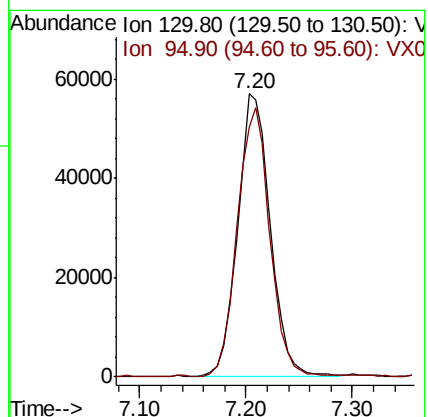
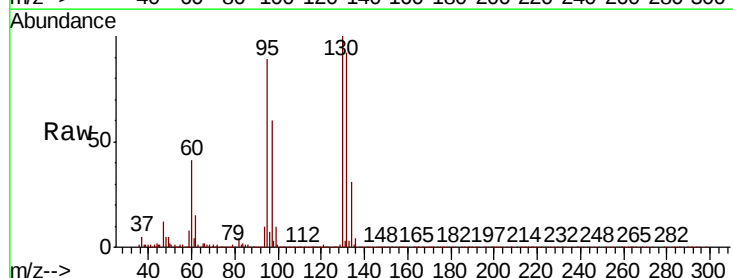
Acq: 10 Dec 2019 00:20

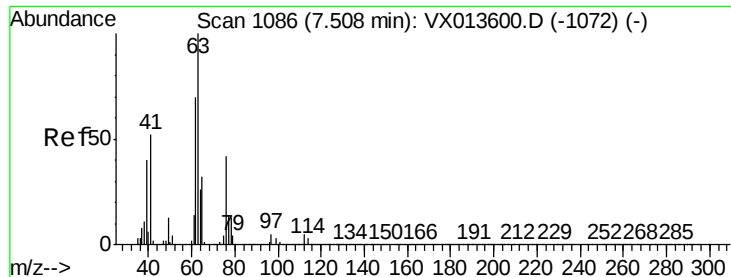
Tgt Ion:130 Resp: 122921

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: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

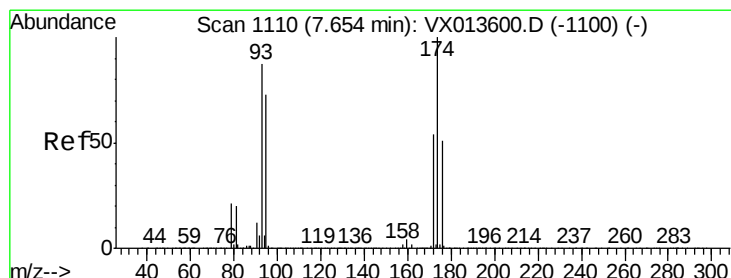
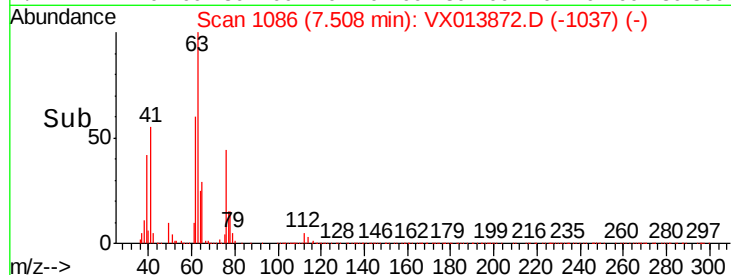
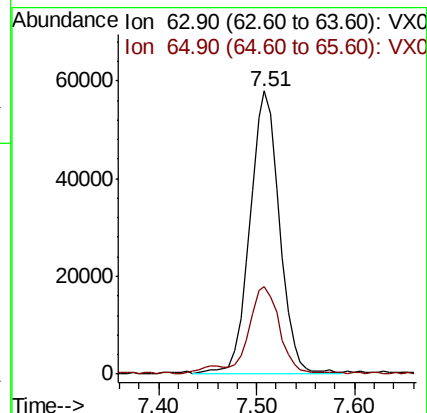
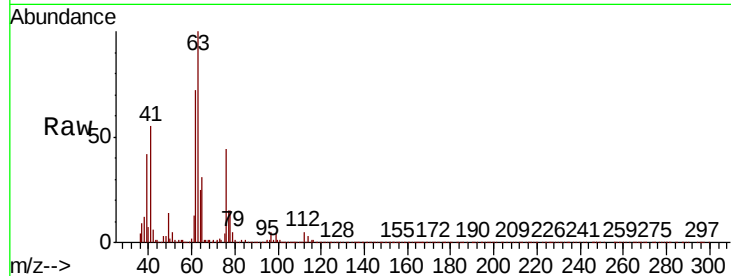
VX1209WBS02

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: VX013872.D

Acq: 10 Dec 2019 00:20

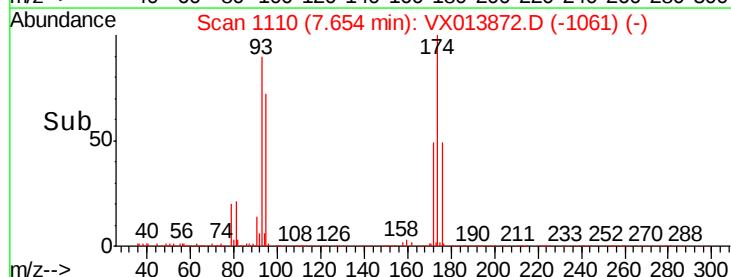
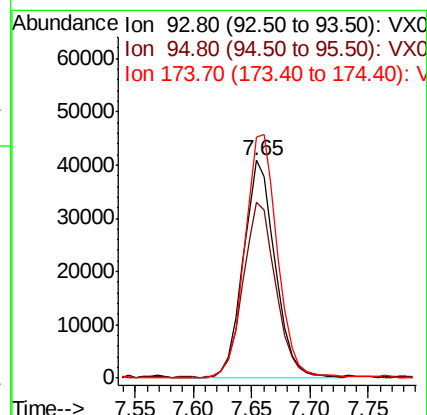
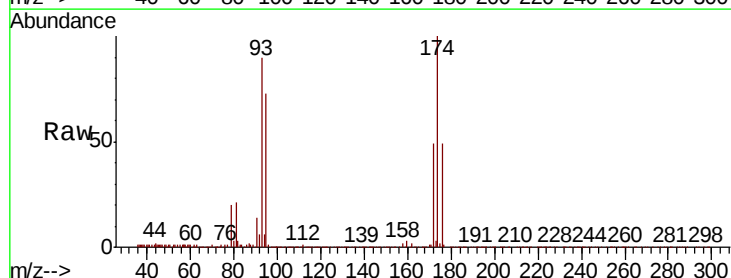
Tgt Ion: 93 Resp: 78006

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: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS02

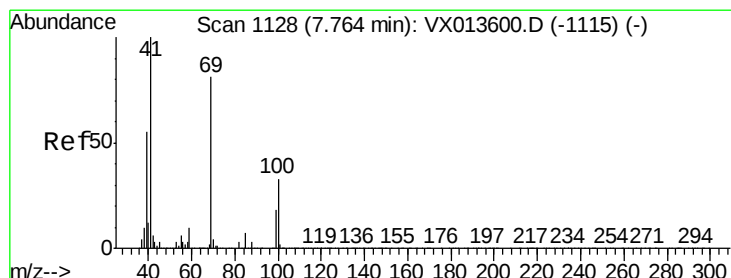
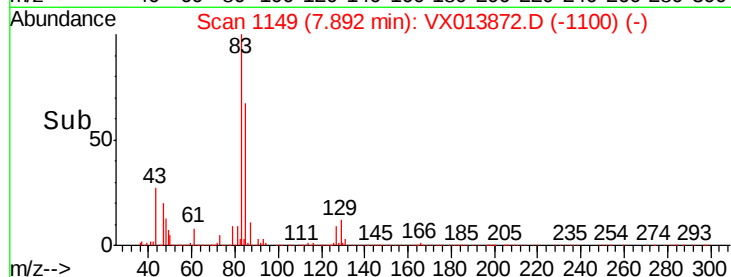
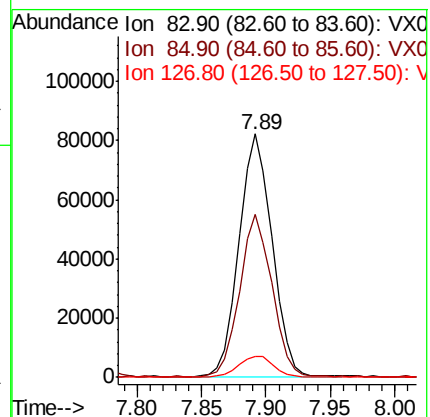
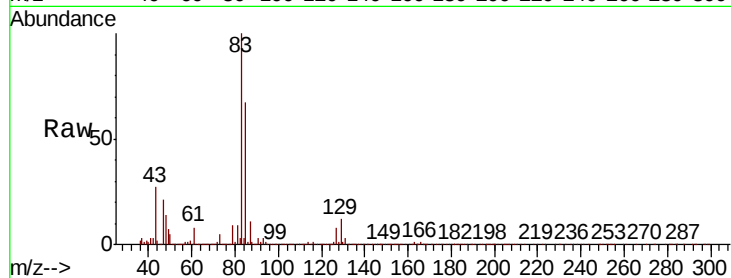
Tot Ion: 83 Resp: 146311

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: VX013872.D

Acq: 10 Dec 2019 00:20

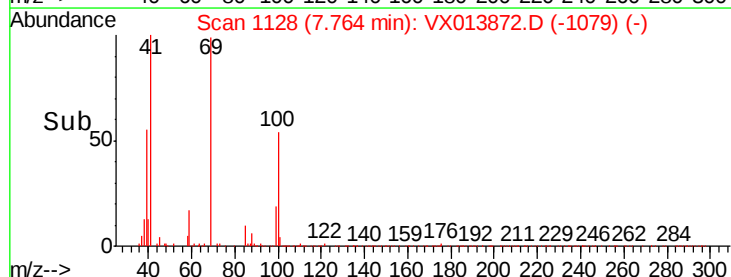
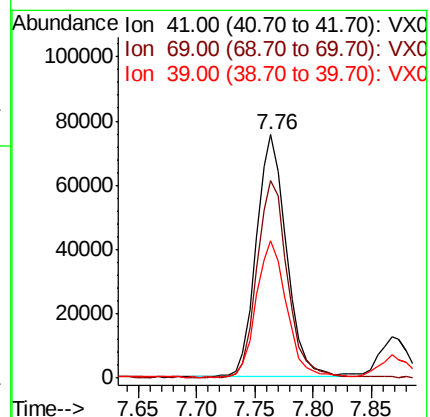
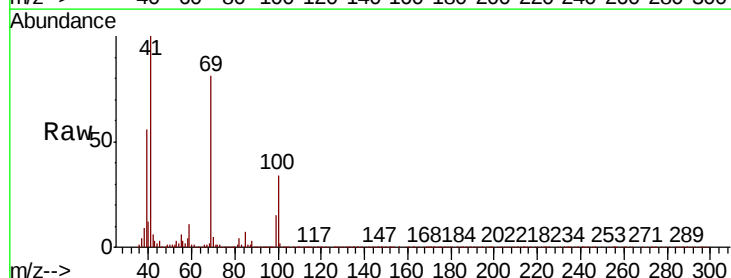
Tgt Ion: 41 Resp: 136750

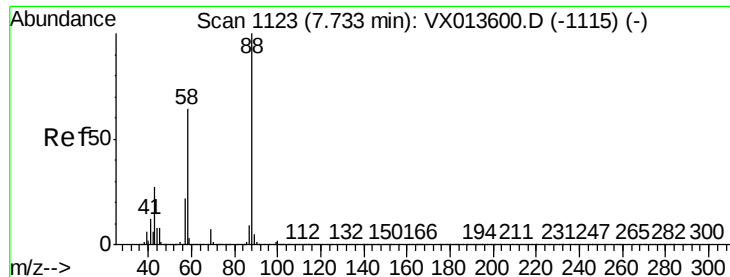
Ion Ratio Lower Upper

41 100

69 83.0 64.7 97.1

39 58.6 43.8 65.6

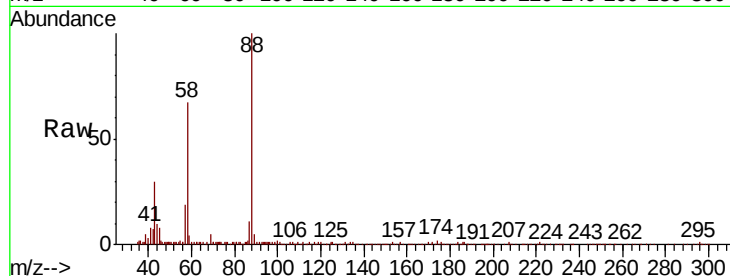




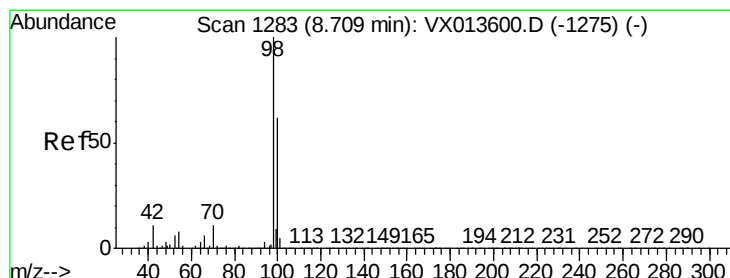
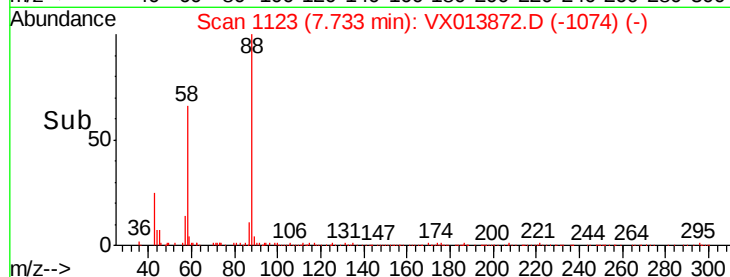
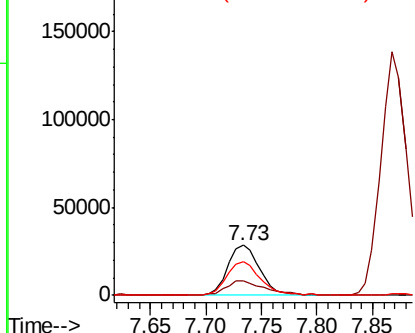
#49
1,4-Dioxane
Concen: 352.485 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

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

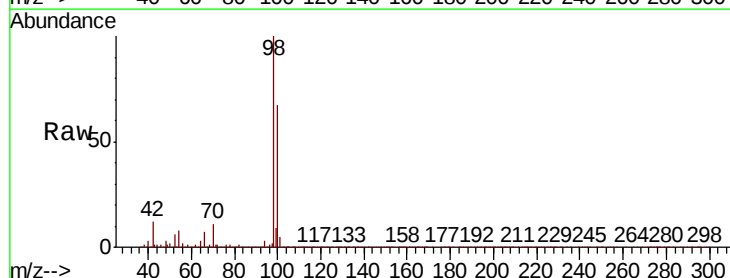


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

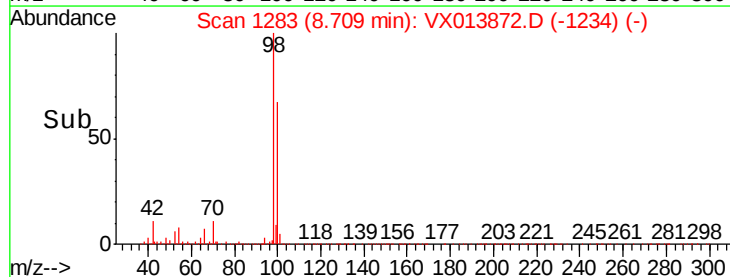
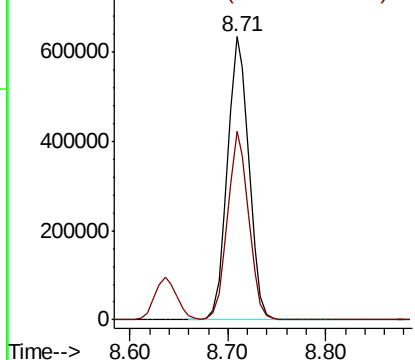


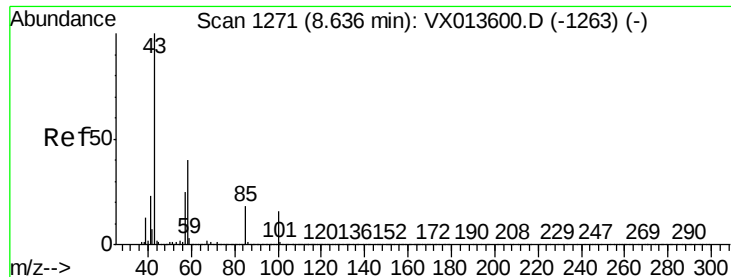
#50
Toluene-d8
Concen: 45.502 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.1	79.7



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





#51

4-Methyl-2-Pentanone

Concen: 98.883 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

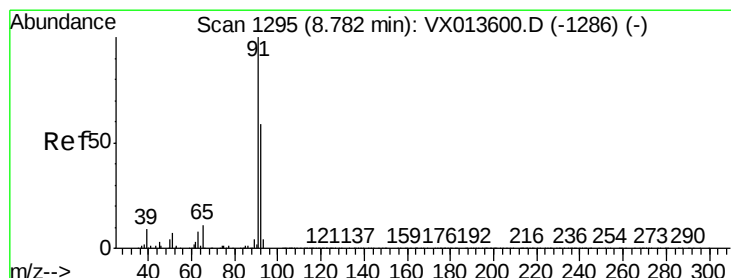
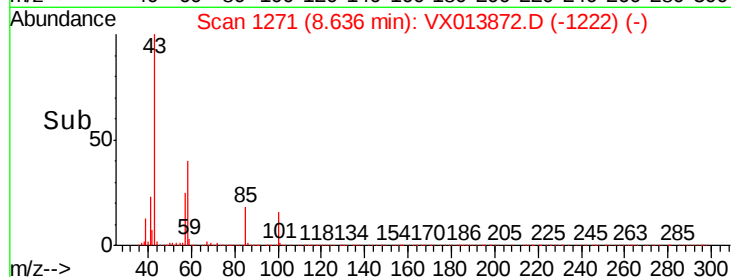
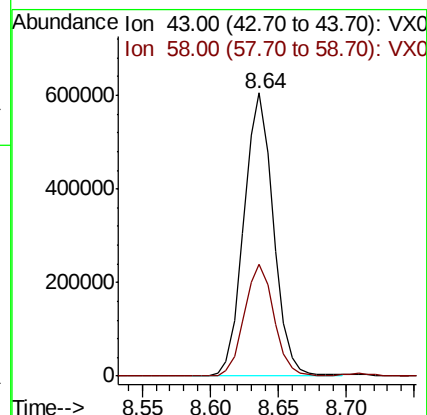
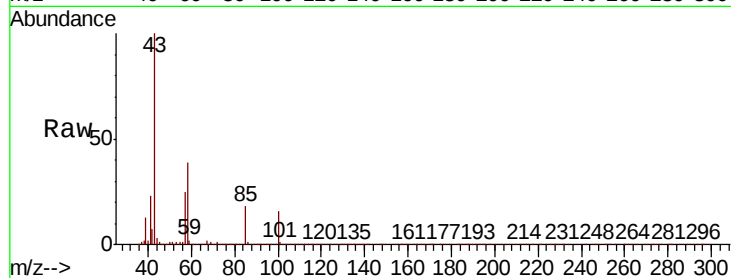
VX1209WBS02

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: VX013872.D

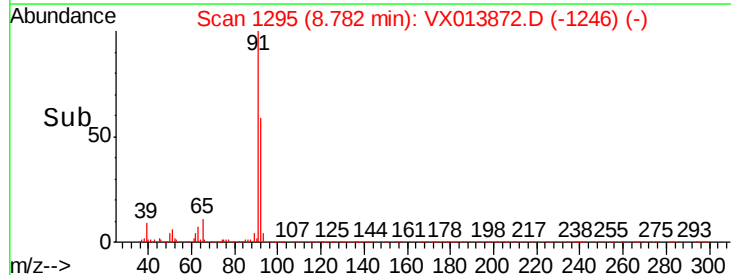
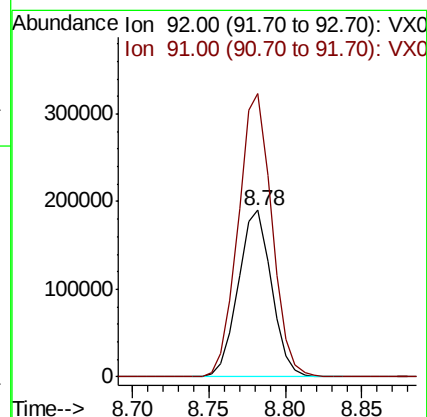
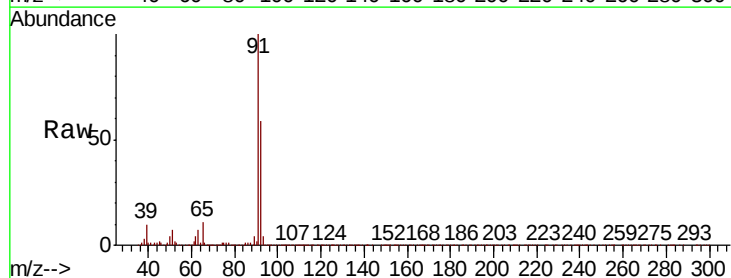
Acq: 10 Dec 2019 00:20

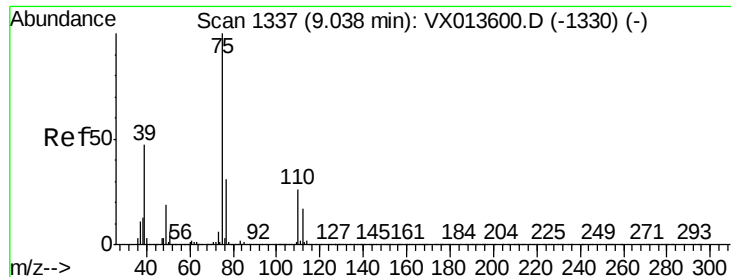
Tgt Ion: 92 Resp: 288501

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: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

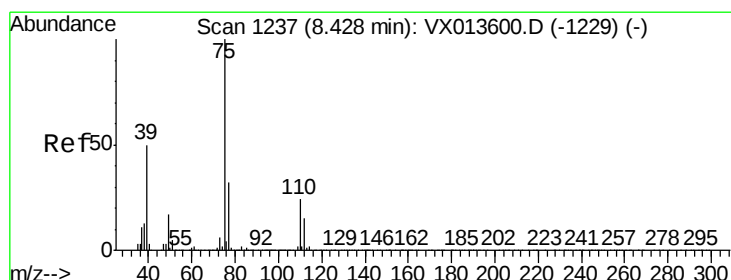
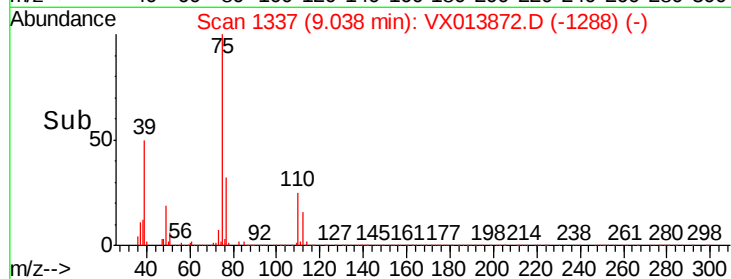
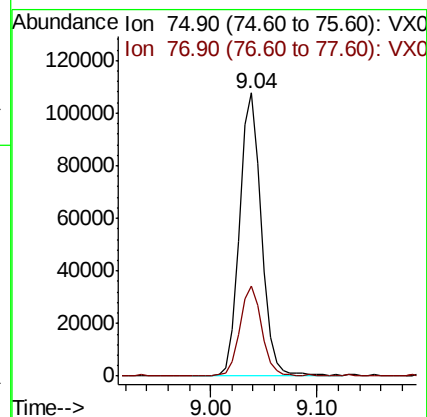
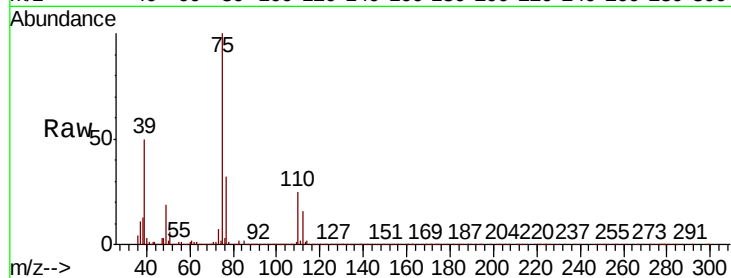
VX1209WBS02

Tot Ion: 75 Resp: 155113

Ion Ratio Lower Upper

75 100

77 31.8 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 17.899 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013872.D

Acq: 10 Dec 2019 00:20

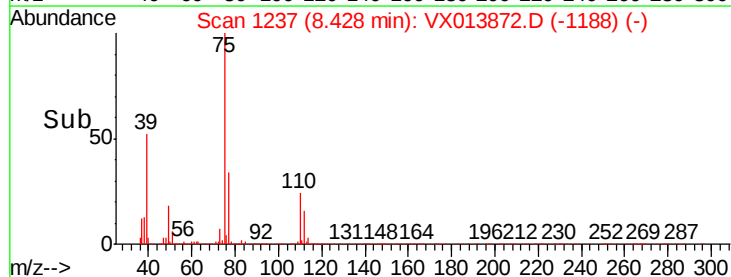
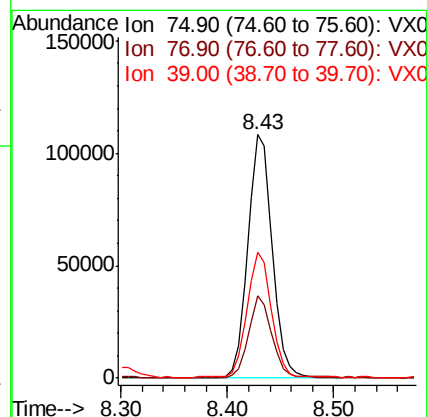
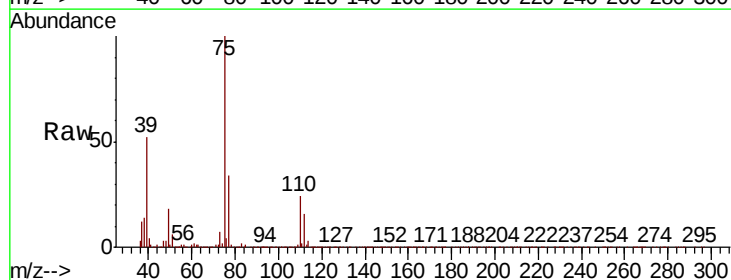
Tgt Ion: 75 Resp: 173646

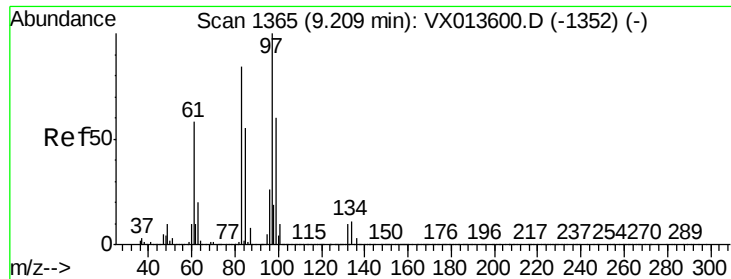
Ion Ratio Lower Upper

75 100

77 33.6 25.8 38.6

39 51.5 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 19.928 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS02

Tot Ion: 97 Resp: 121155

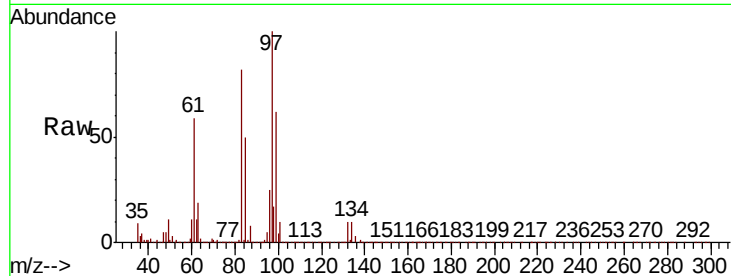
Ion Ratio Lower Upper

97 100

83 82.2 67.3 100.9

85 49.8 43.6 65.4

99 62.3 48.2 72.4

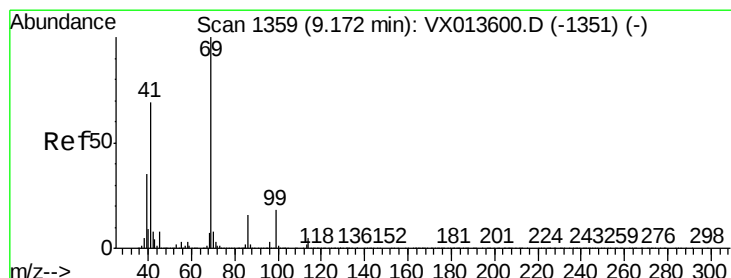
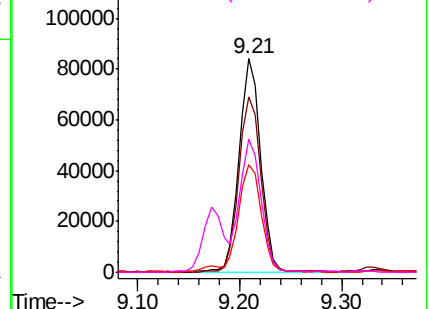
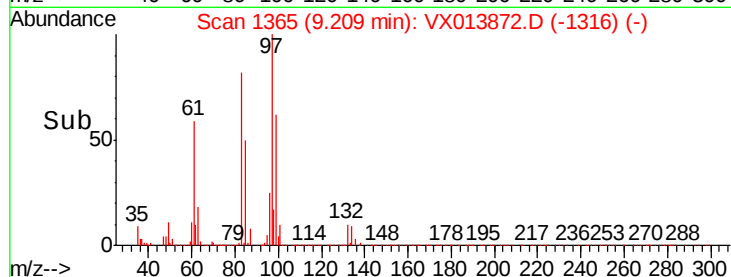


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: VX013872.D

Acq: 10 Dec 2019 00:20

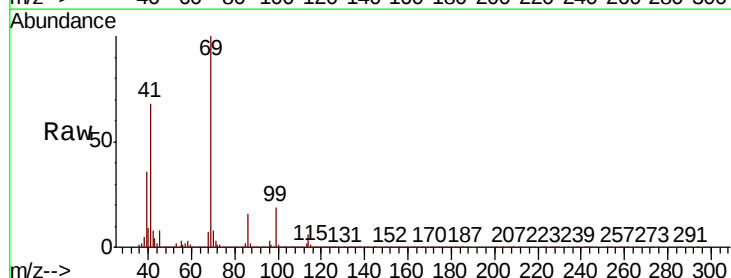
Tgt Ion: 69 Resp: 186885

Ion Ratio Lower Upper

69 100

41 67.2 55.0 82.4

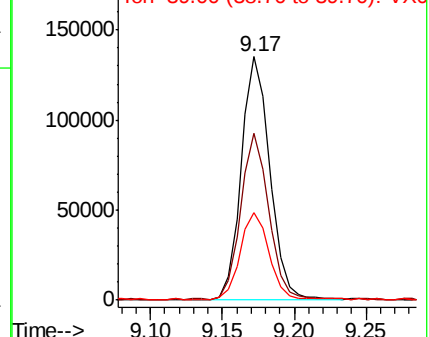
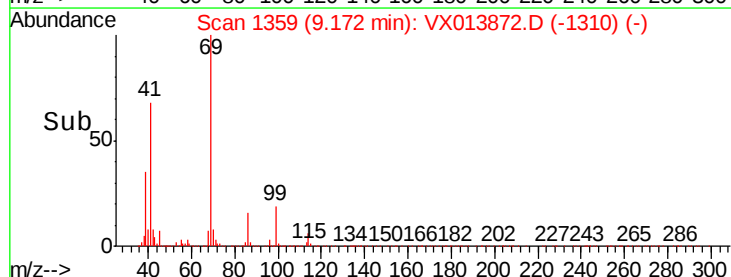
39 36.2 28.7 43.1

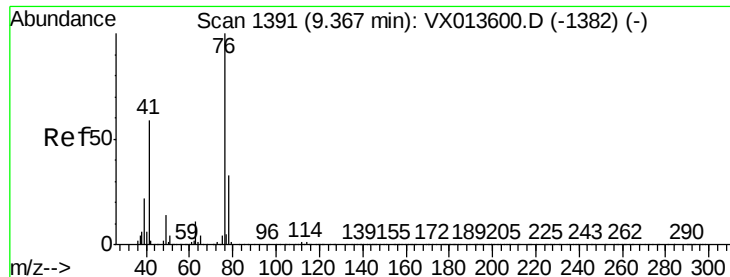


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

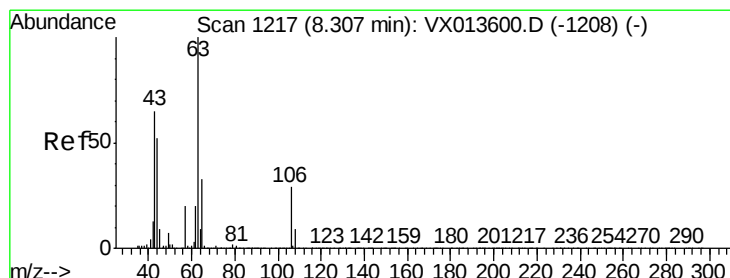
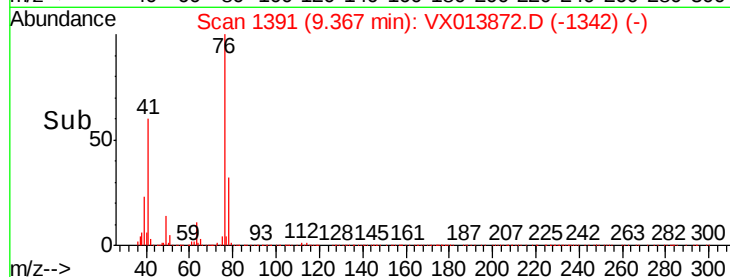
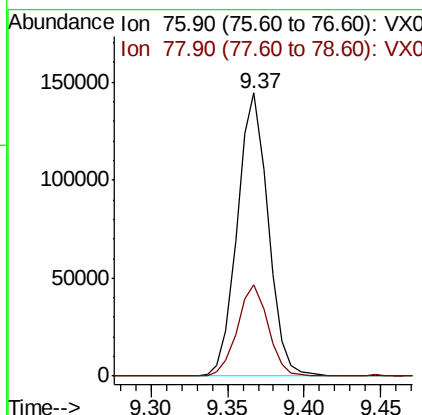
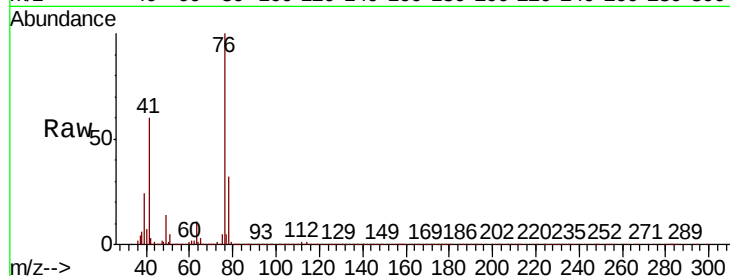




#57
 1,3-Dichloropropane
 Concen: 19.212 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013872.D
 Acq: 10 Dec 2019 00:20

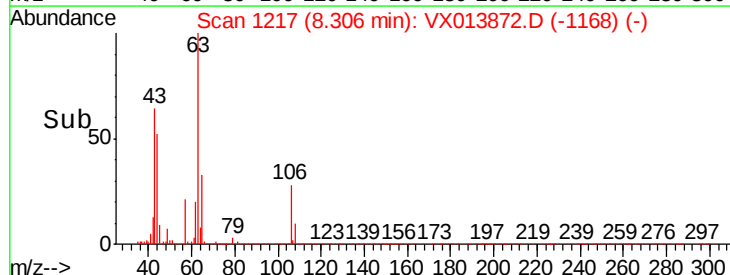
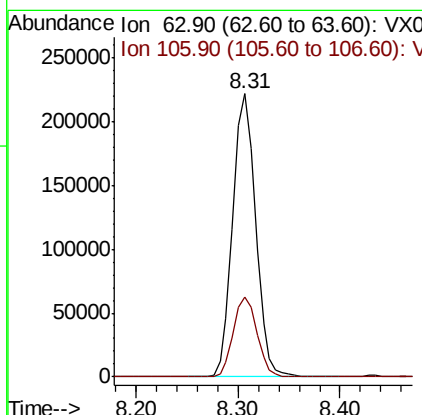
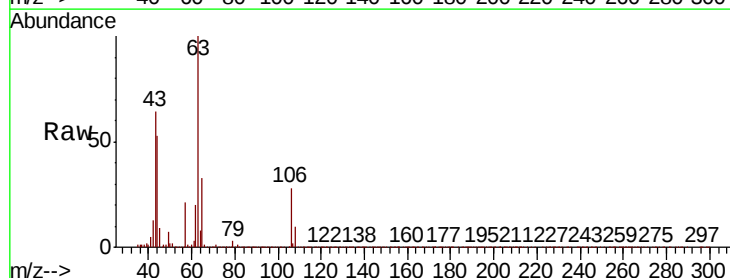
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS02

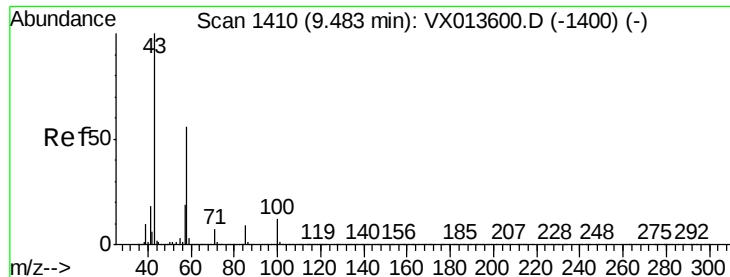
Tot Ion: 76 Resp: 201328
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.852 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013872.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: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

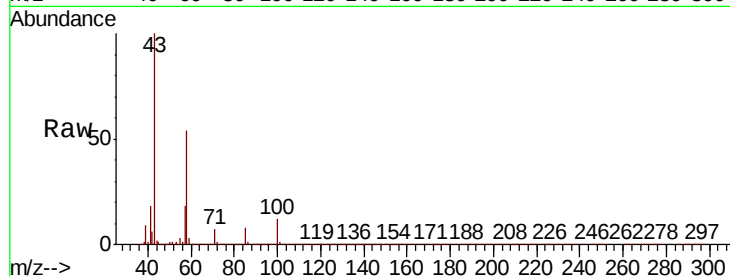
VX1209WBS02

Tot Ion: 43 Resp: 694797

Ion Ratio Lower Upper

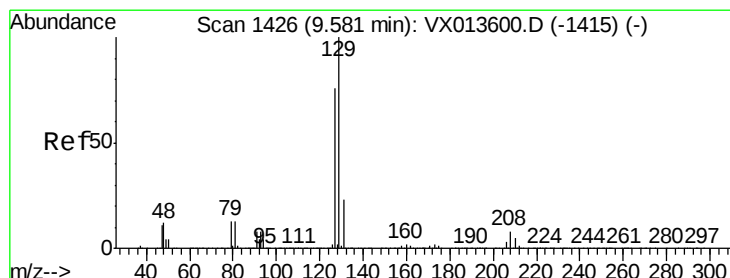
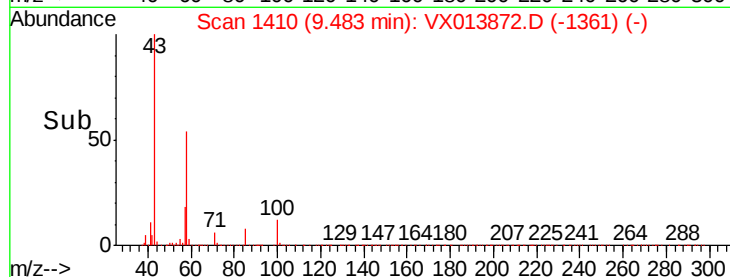
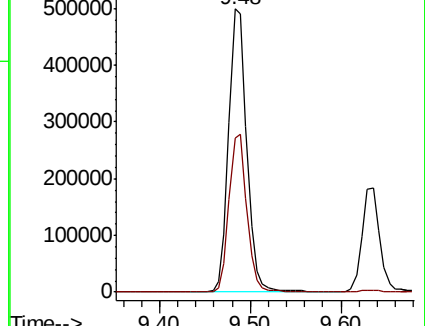
43 100

58 54.9 28.1 84.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 18.904 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX013872.D

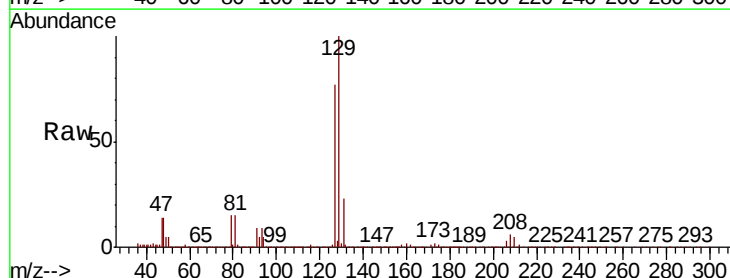
Acq: 10 Dec 2019 00:20

Tgt Ion: 129 Resp: 119269

Ion Ratio Lower Upper

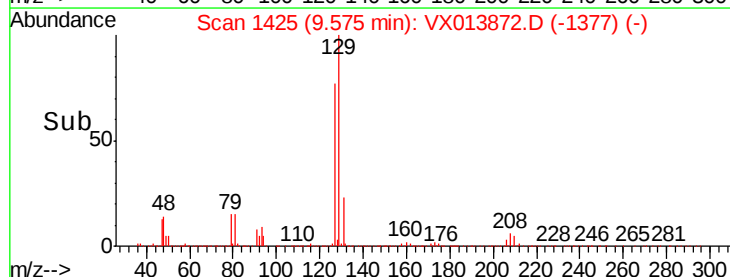
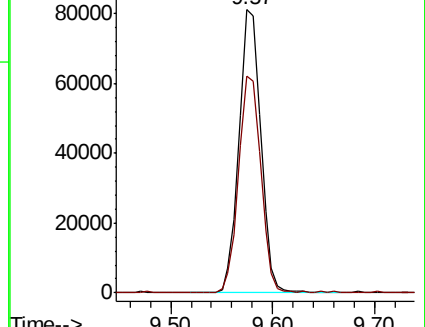
129 100

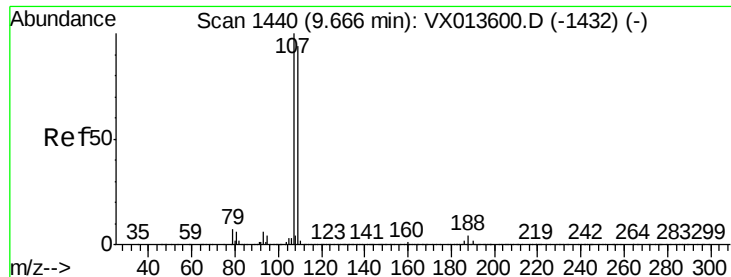
127 78.2 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 19.042 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

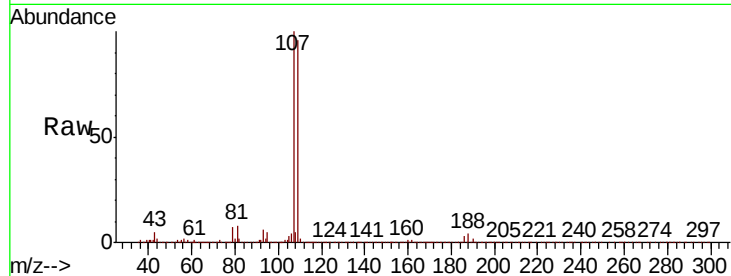
VX1209WBS02

Tot Ion:107 Resp: 123642

Ion Ratio Lower Upper

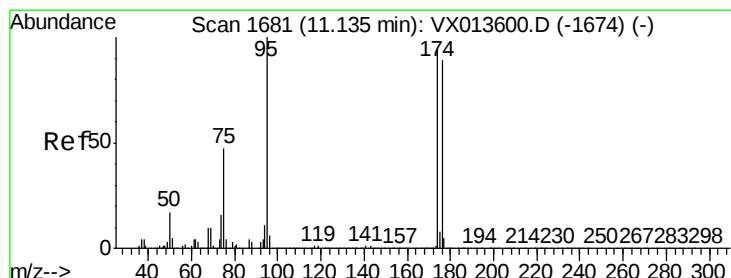
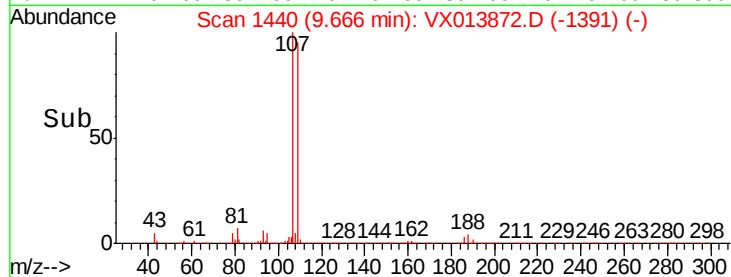
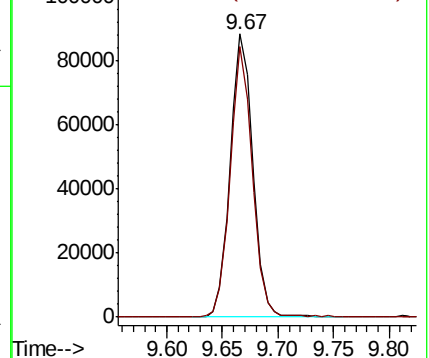
107 100

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: VX013872.D

Acq: 10 Dec 2019 00:20

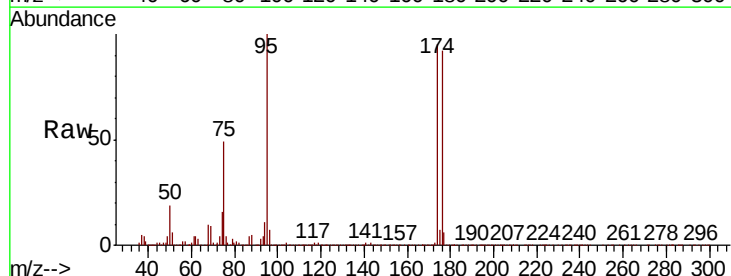
Tgt Ion: 95 Resp: 339237

Ion Ratio Lower Upper

95 100

174 89.9 0.0 180.0

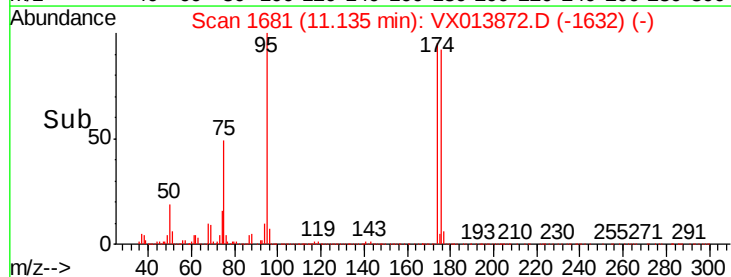
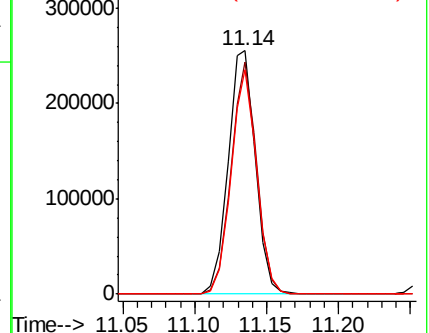
176 87.0 0.0 173.6

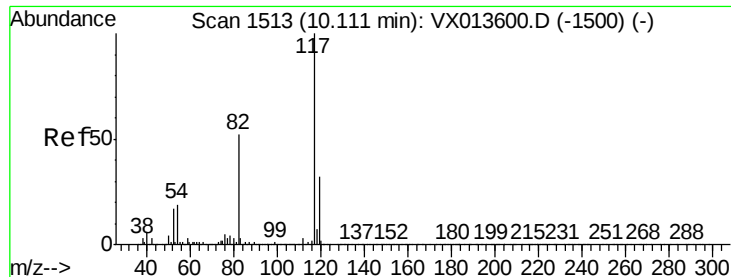


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS02

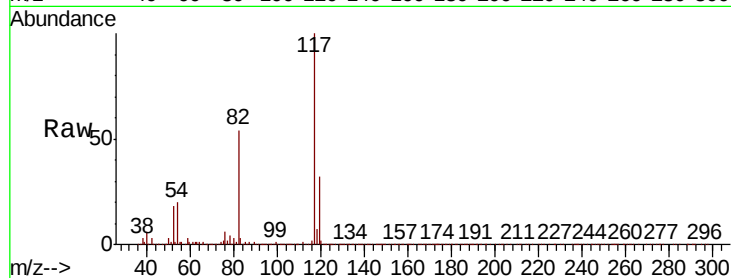
Tot Ion:117 Resp: 788565

Ion Ratio Lower Upper

117 100

82 53.6 41.8 62.8

119 31.9 25.8 38.8

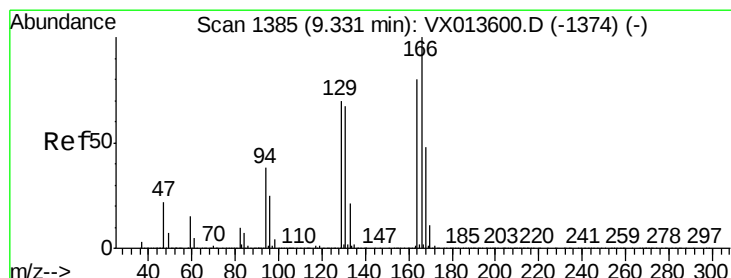
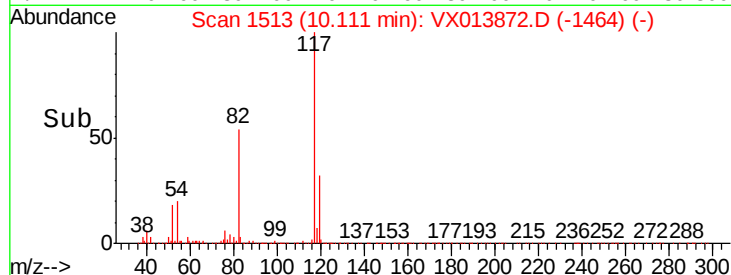
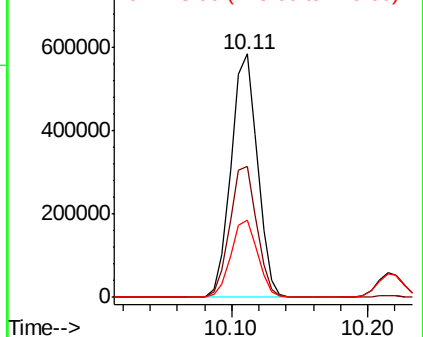


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 23.150 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013872.D

Acq: 10 Dec 2019 00:20

Tgt Ion:164 Resp: 136136

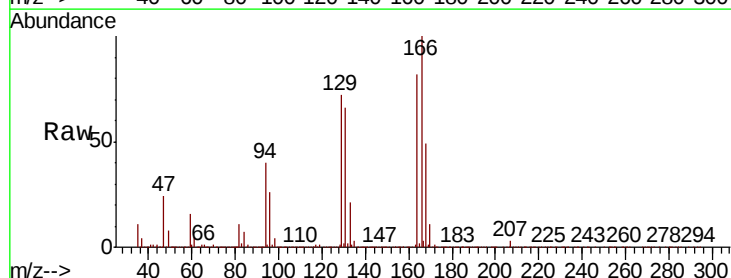
Ion Ratio Lower Upper

164 100

166 122.3 99.7 149.5

129 88.3 70.1 105.1

131 80.9 66.9 100.3



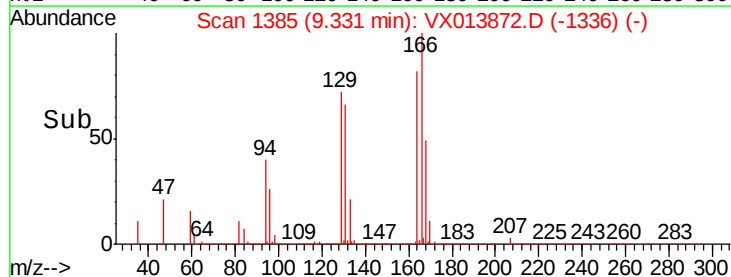
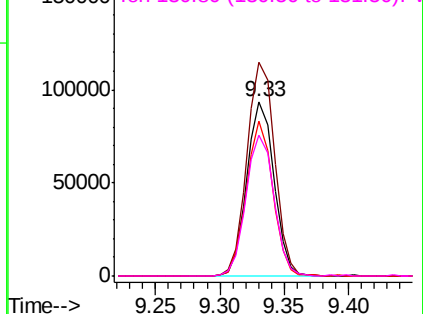
Abundance

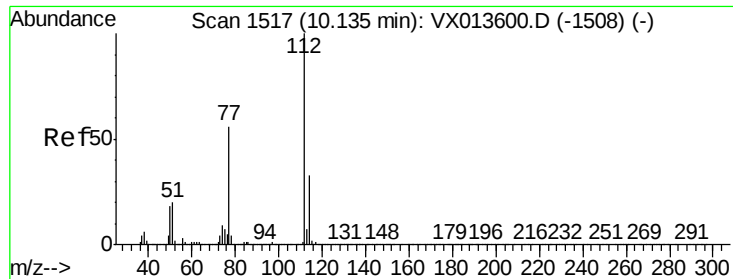
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

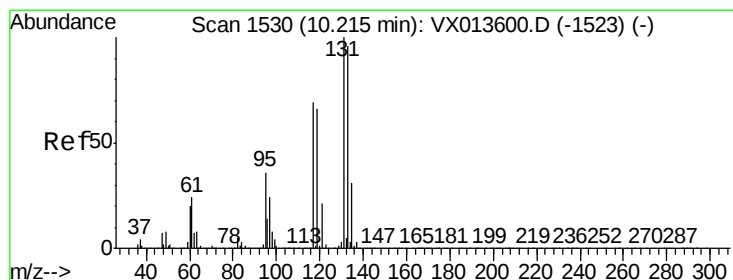
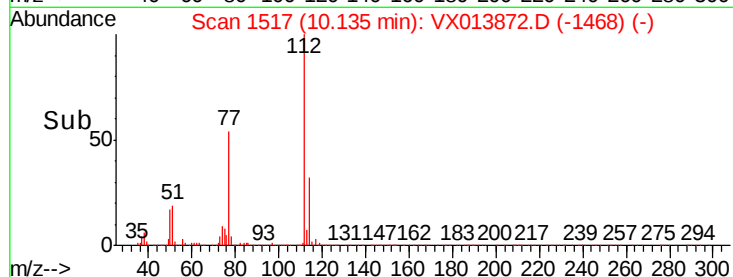
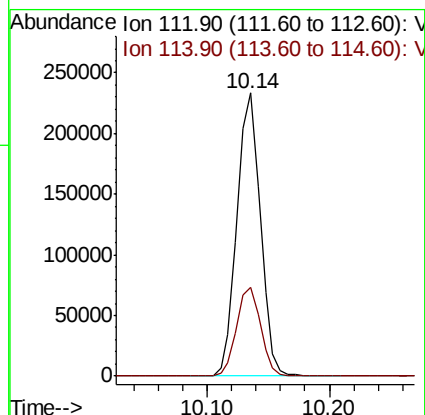
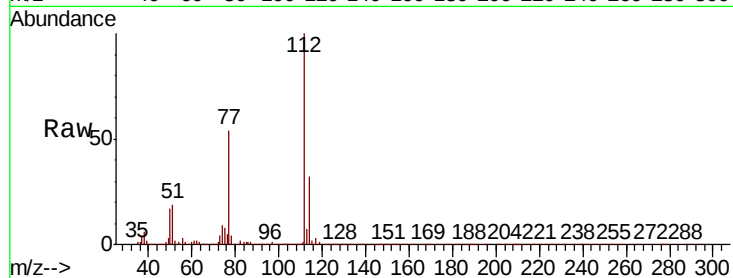




#65
Chlorobenzene
Concen: 18.772 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013872.D
Acq: 10 Dec 2019 00:20

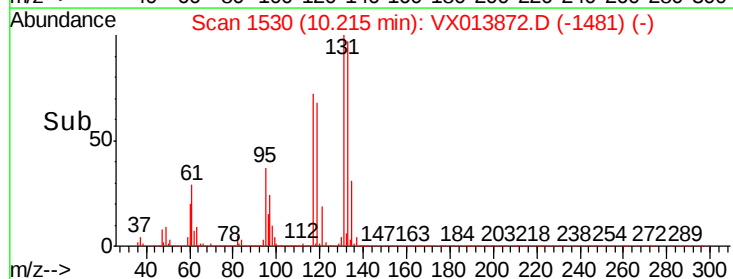
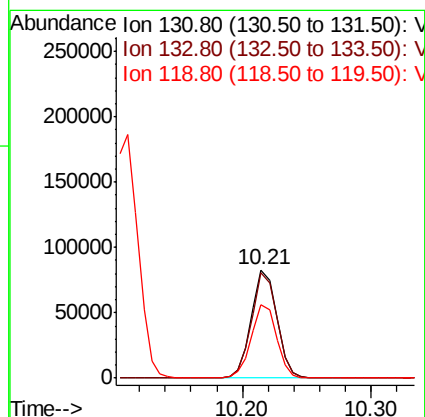
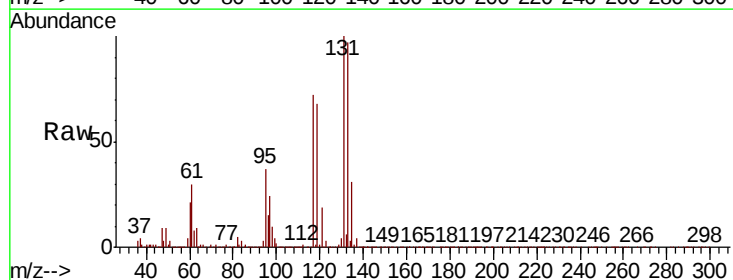
Instrument :
MSVOA_X
ClientSampled :
VX1209WBS02

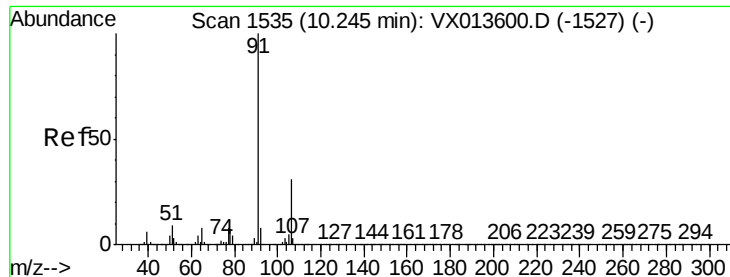
Tot Ion:112 Resp: 307335
Ion Ratio Lower Upper
112 100
114 31.6 26.1 39.1



#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: VX013872.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: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

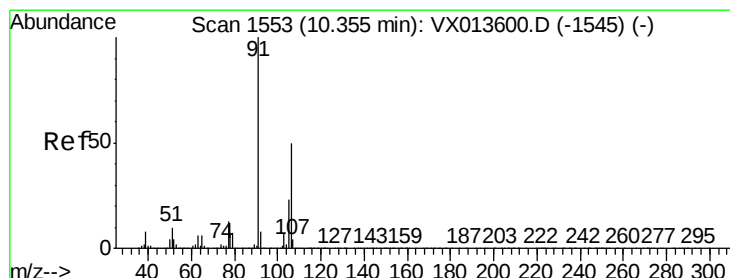
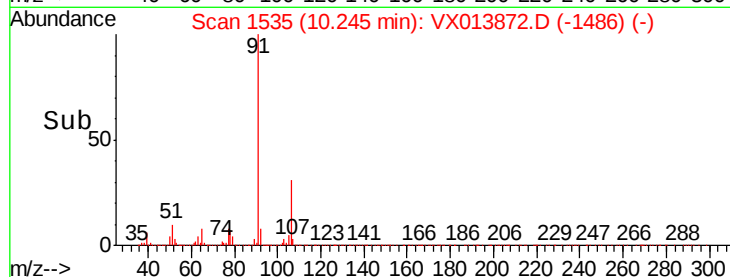
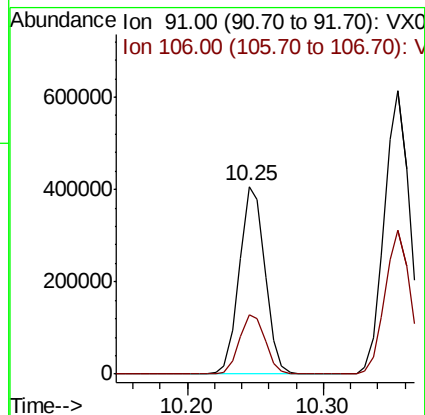
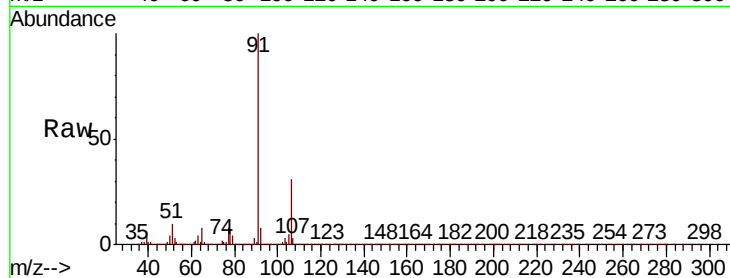
VX1209WBS02

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: VX013872.D

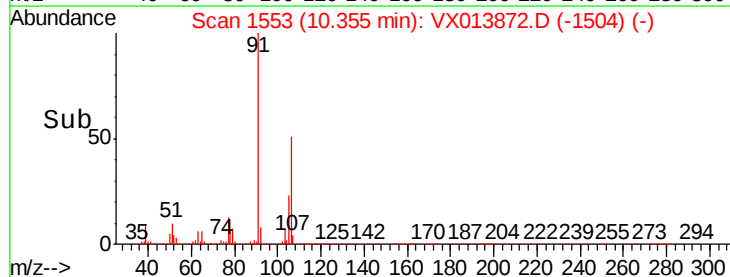
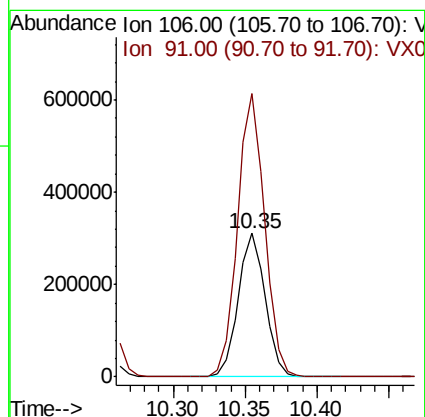
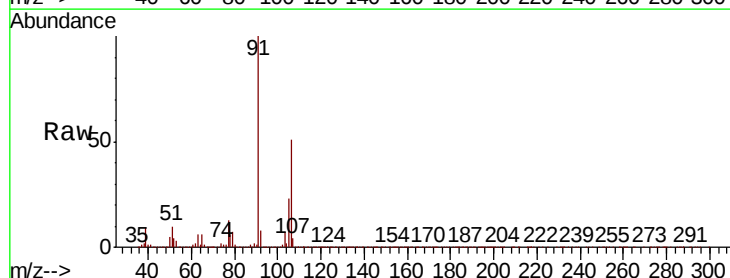
Acq: 10 Dec 2019 00:20

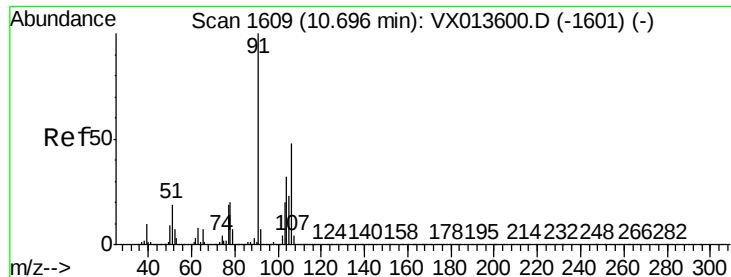
Tgt Ion: 106 Resp: 405786

Ion Ratio Lower Upper

106 100

91 198.6 159.0 238.4

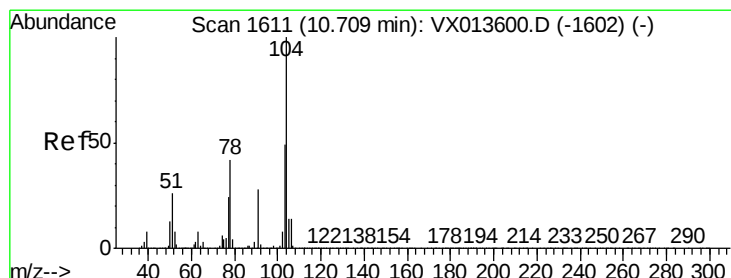
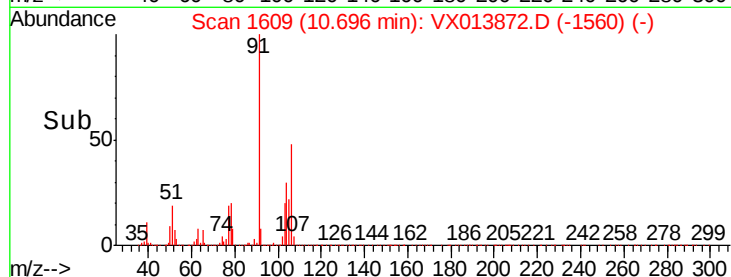
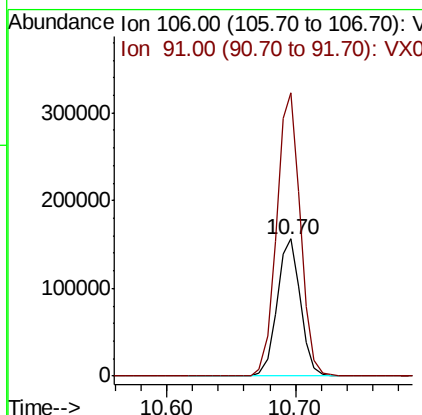
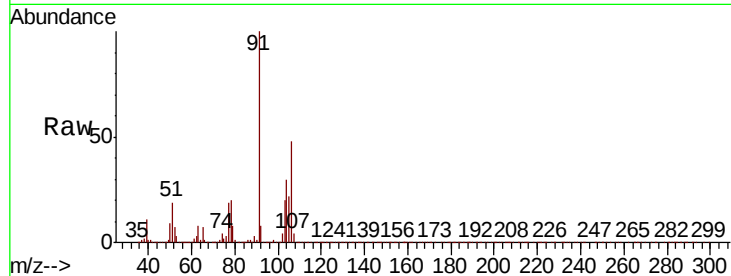




#69
o-Xylene
Concen: 18.958 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013872.D
Acq: 10 Dec 2019 00:20

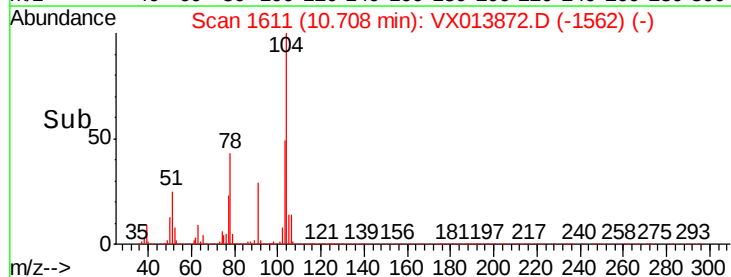
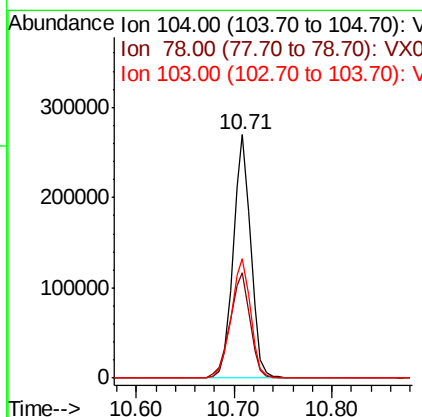
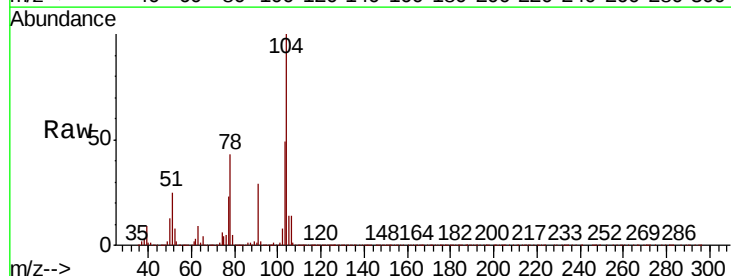
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

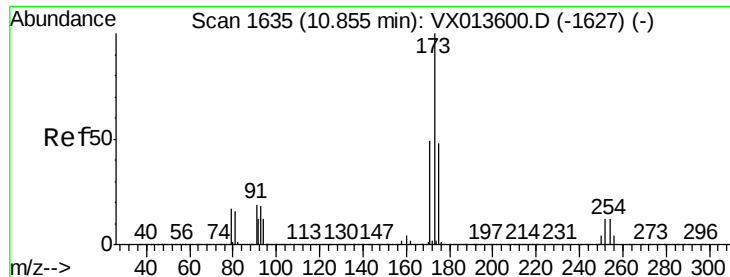
Tot Ion:106 Resp: 199156
Ion Ratio Lower Upper
106 100
91 209.3 104.1 312.2



#70
Styrene
Concen: 18.924 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013872.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

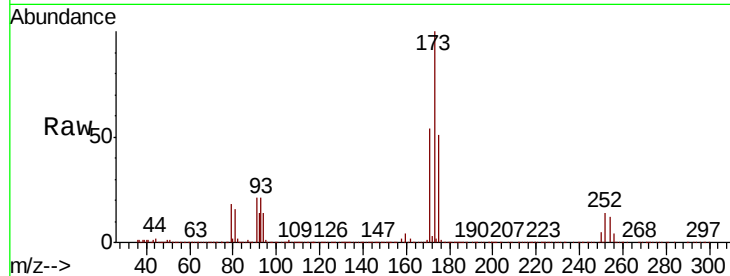




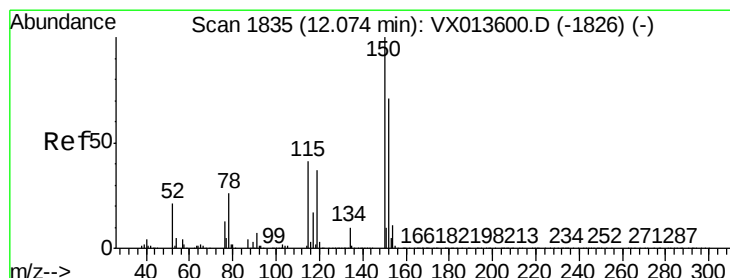
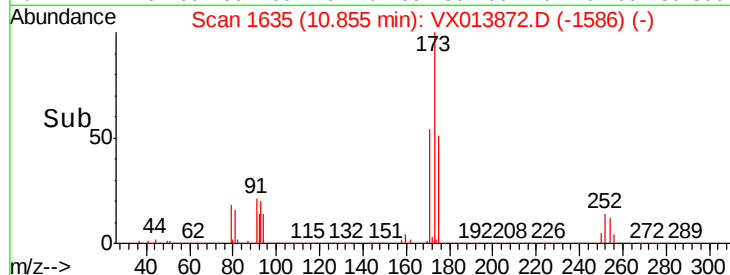
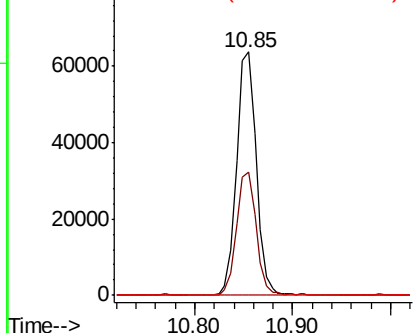
#71
Bromoform
Concen: 18.385 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

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#

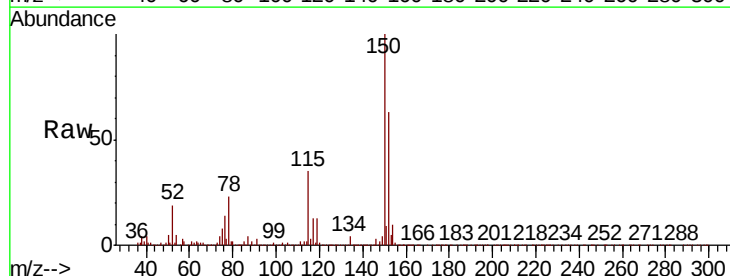


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

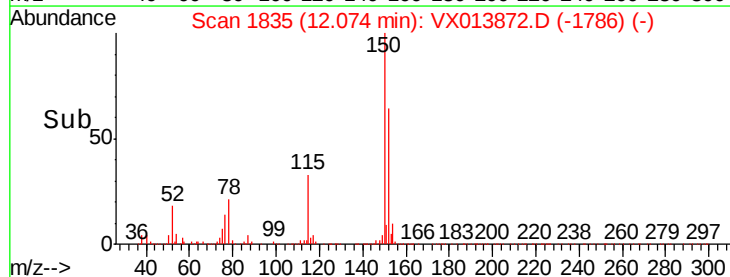
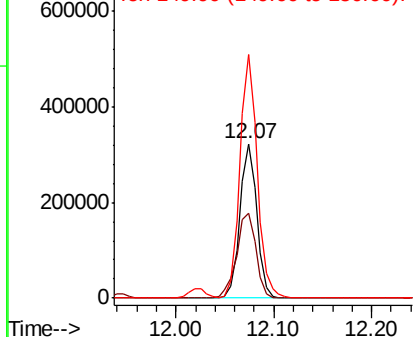


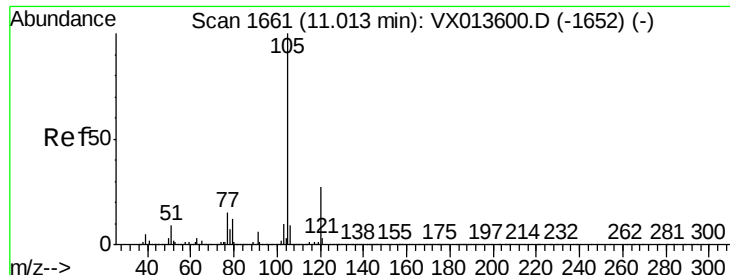
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013872.D
Acq: 10 Dec 2019 00:20

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: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

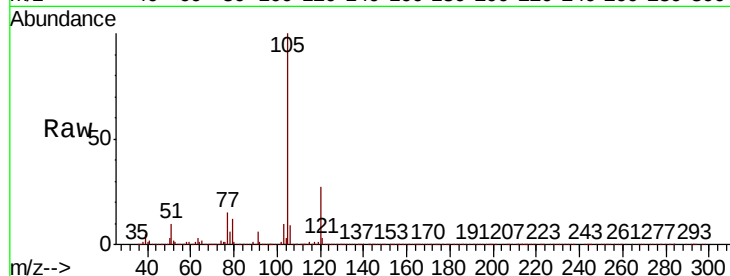
VX1209WBS02

Tot Ion:105 Resp: 528574

Ion Ratio Lower Upper

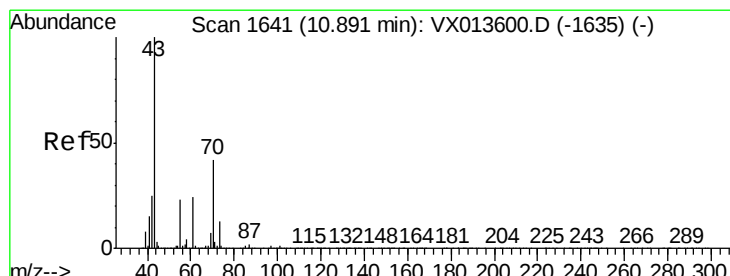
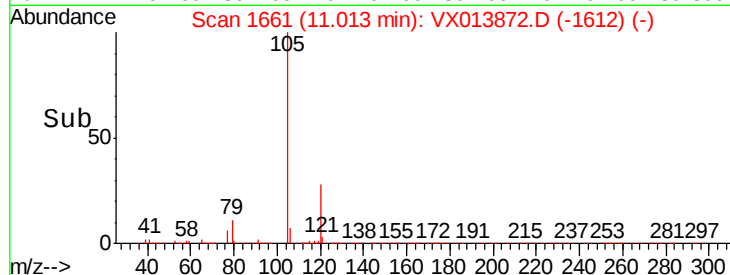
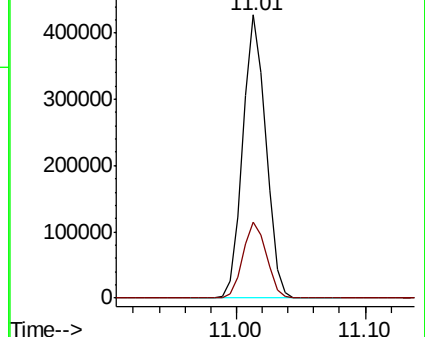
105 100

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: VX013872.D

Acq: 10 Dec 2019 00:20

Tgt Ion: 43 Resp: 234070

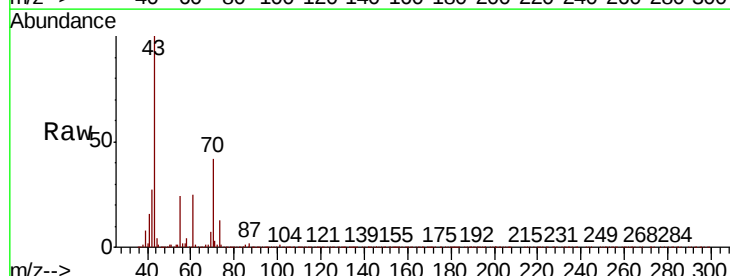
Ion Ratio Lower Upper

43 100

70 42.7 34.3 51.5

55 24.5 18.5 27.7

61 24.3 19.8 29.8

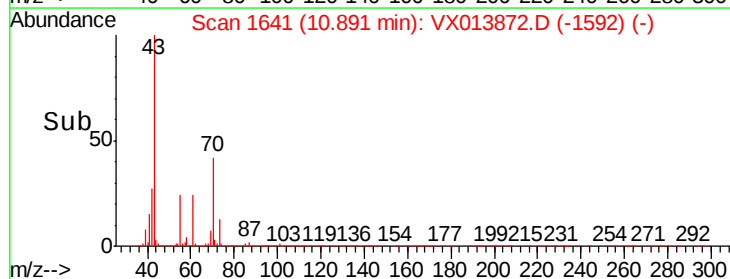
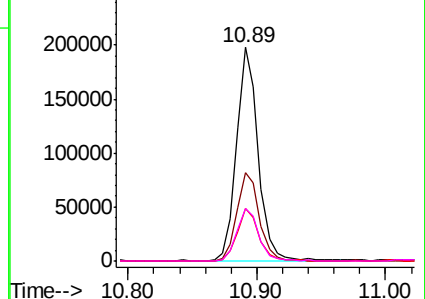


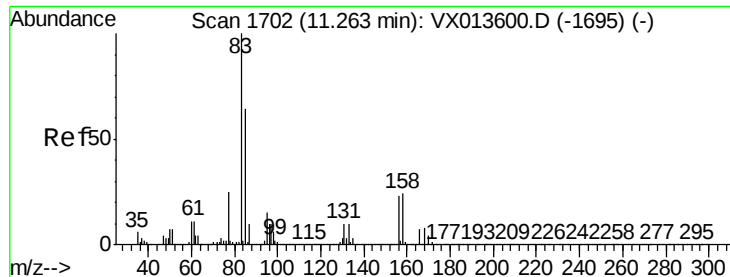
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS02

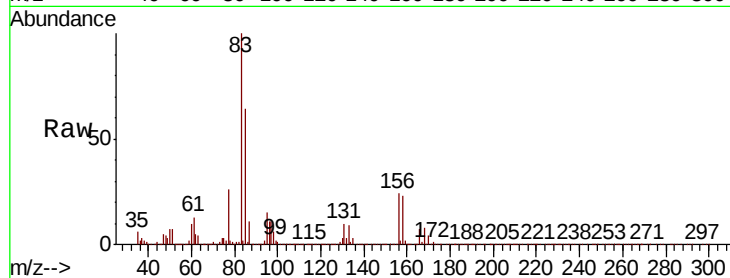
Tot Ion: 83 Resp: 186096

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

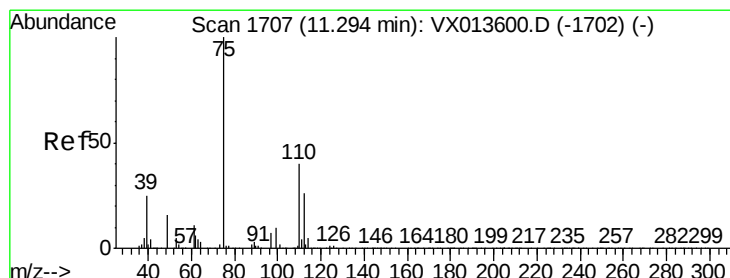
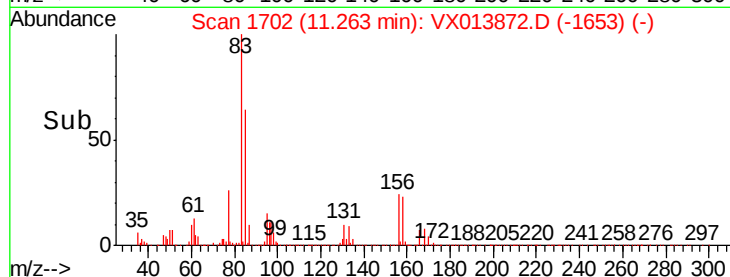
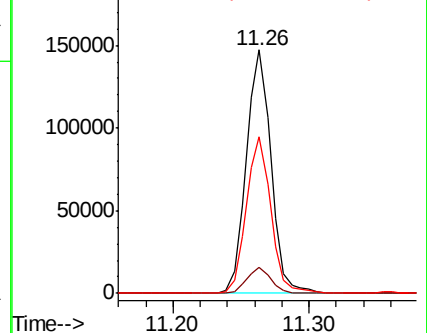
85 64.3 31.8 95.3



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: VX013872.D

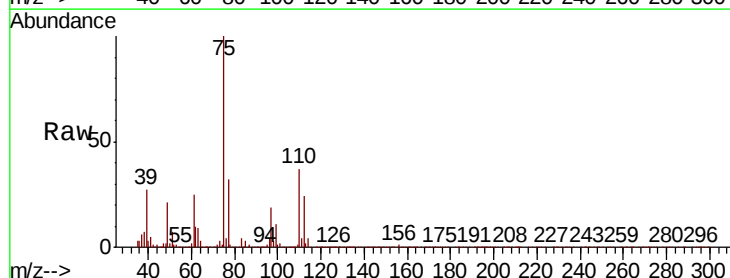
Acq: 10 Dec 2019 00:20

Tgt Ion: 75 Resp: 202290

Ion Ratio Lower Upper

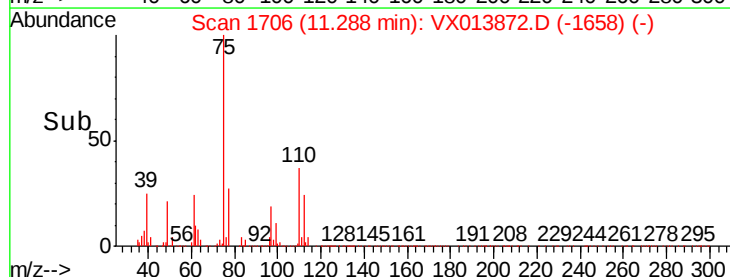
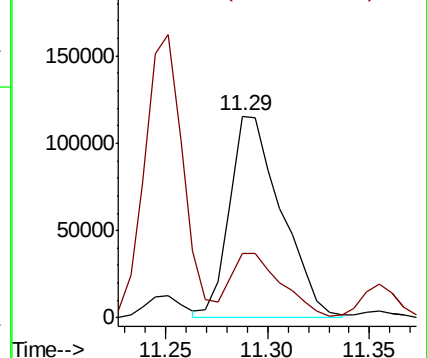
75 100

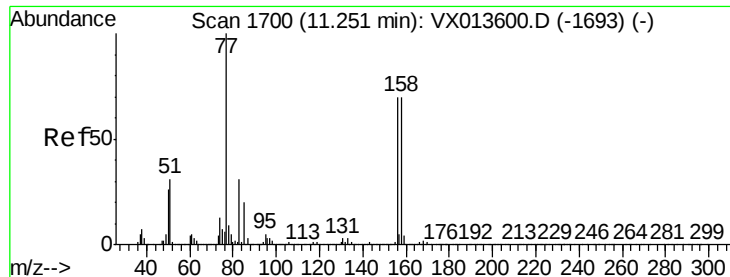
77 30.9 19.1 57.5



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: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS02

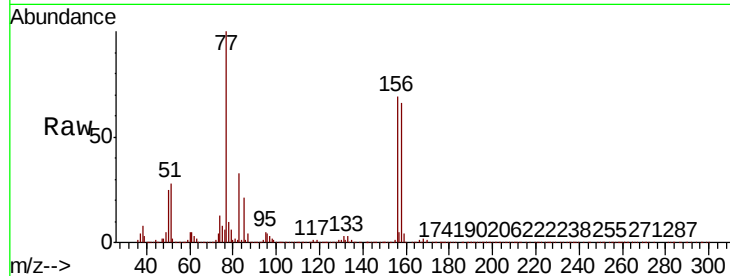
Tot Ion:156 Resp: 137591

Ion Ratio Lower Upper

156 100

77 153.9 74.4 223.1

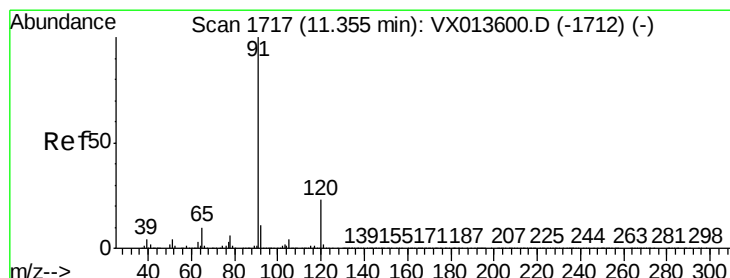
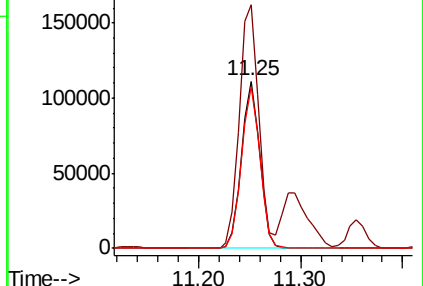
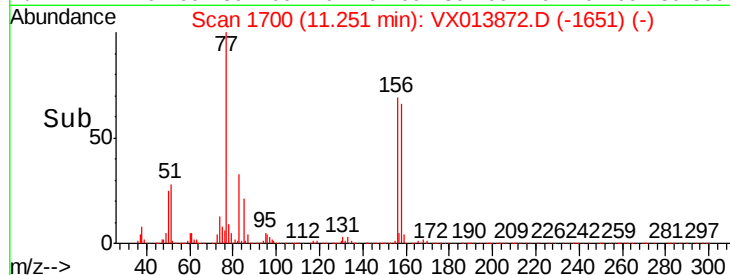
158 97.0 48.9 146.6



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: VX013872.D

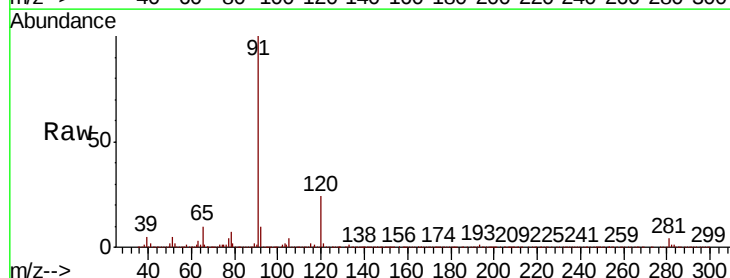
Acq: 10 Dec 2019 00:20

Tgt Ion: 91 Resp: 573229

Ion Ratio Lower Upper

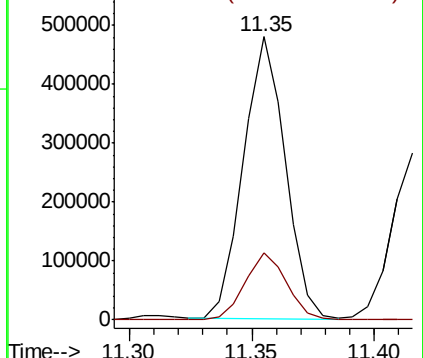
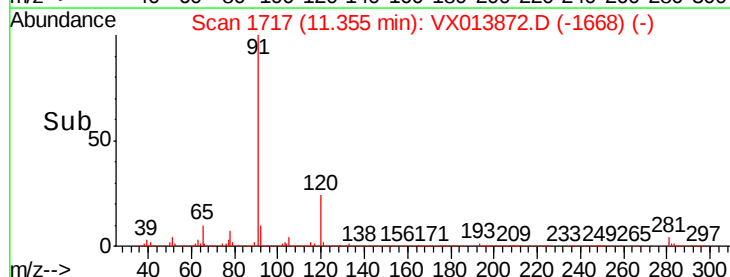
91 100

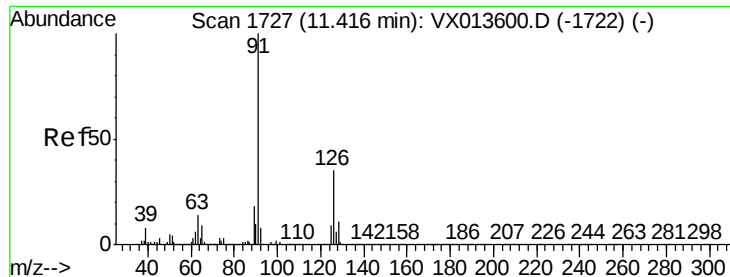
120 23.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

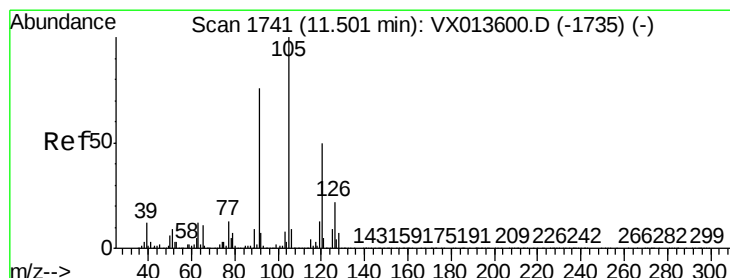
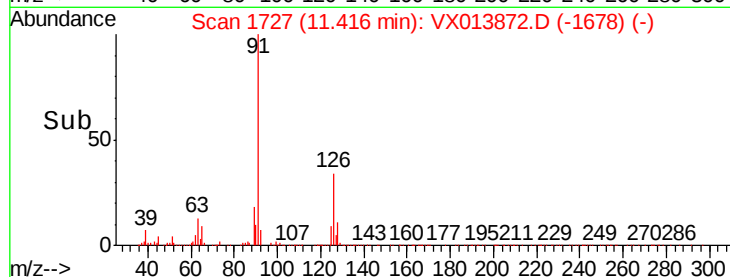
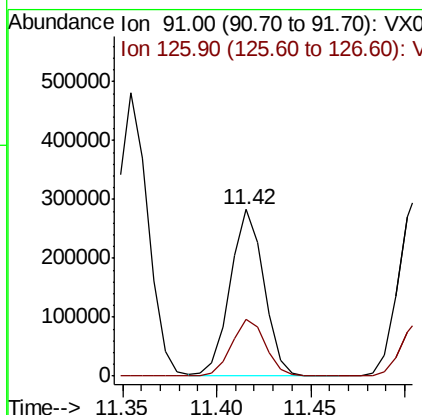
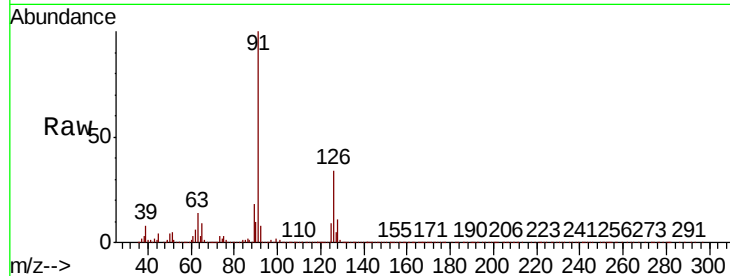




#79
 2-Chlorotoluene
 Concen: 19.349 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013872.D
 Acq: 10 Dec 2019 00:20

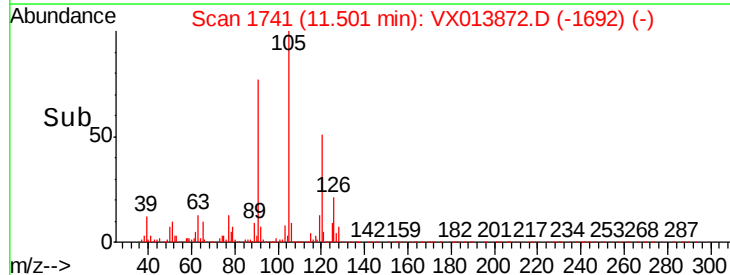
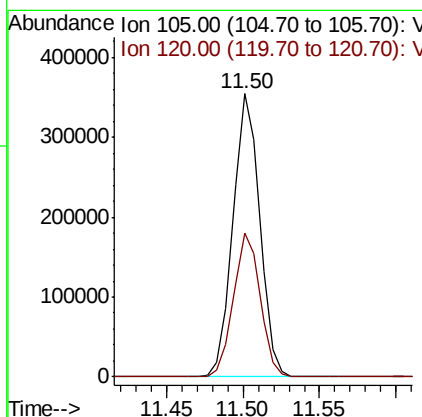
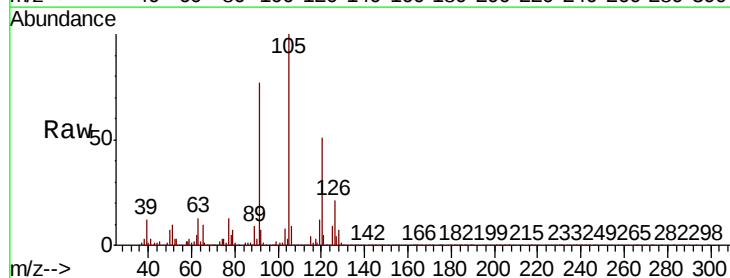
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS02

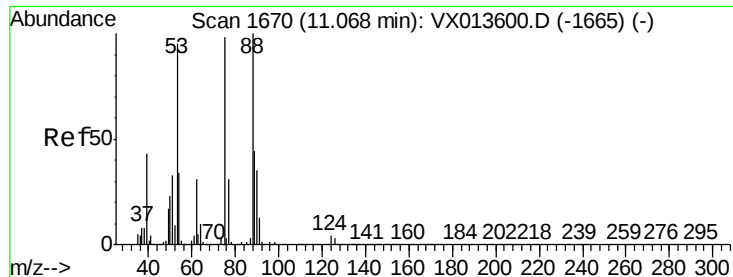
Tot Ion: 91 Resp: 348921
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 19.464 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013872.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: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS02

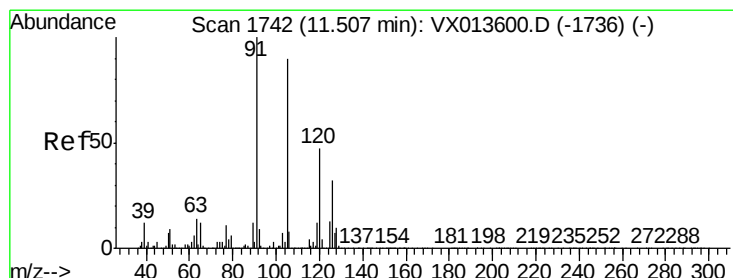
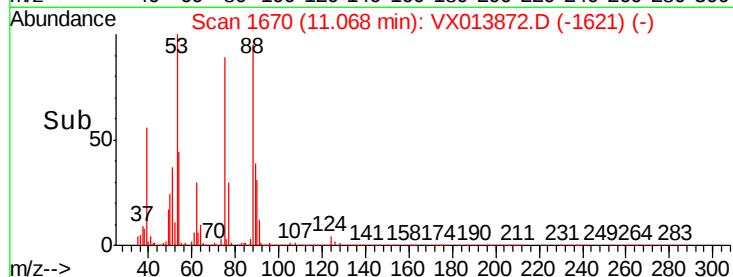
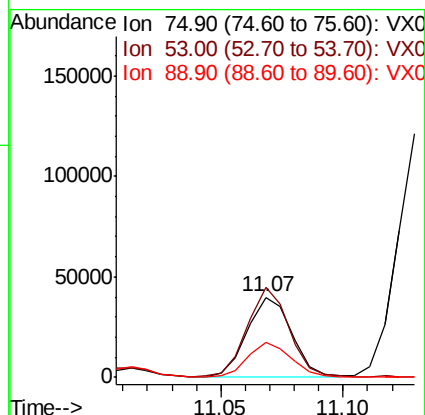
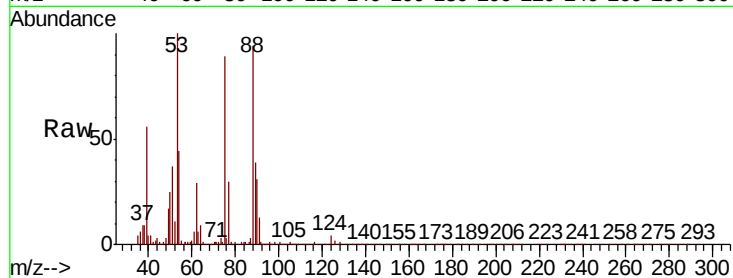
Tot Ion: 75 Resp: 50450

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: VX013872.D

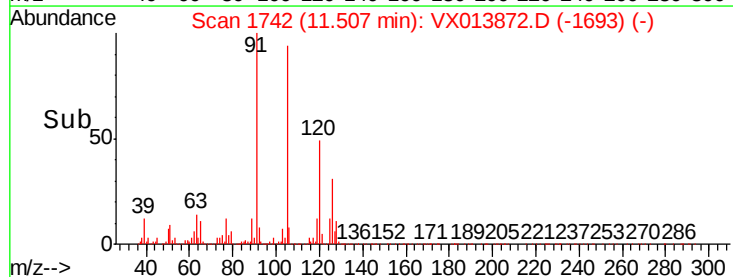
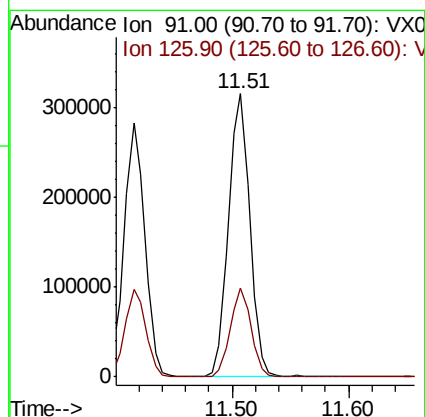
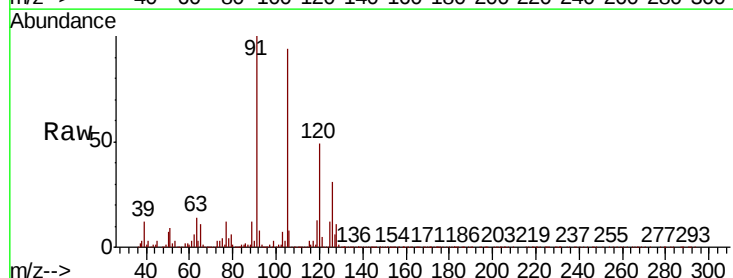
Acq: 10 Dec 2019 00:20

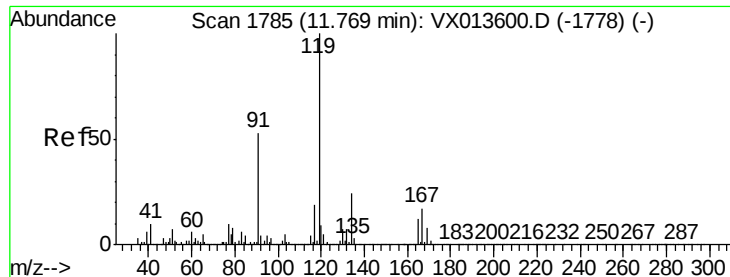
Tgt Ion: 91 Resp: 401405

Ion Ratio Lower Upper

91 100

126 30.2 15.7 47.0

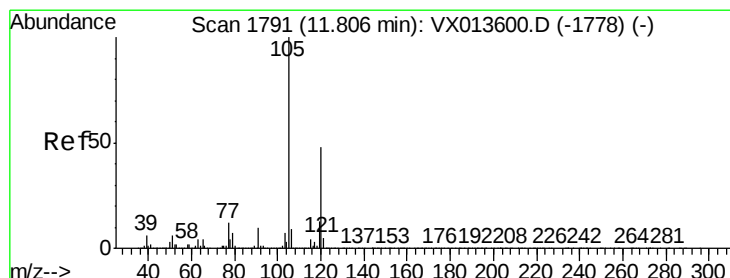
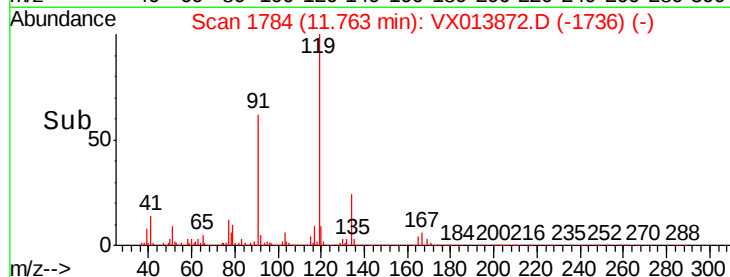
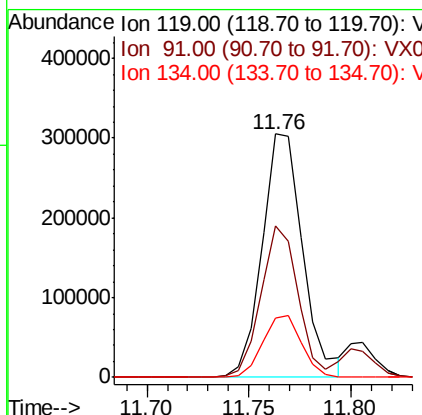
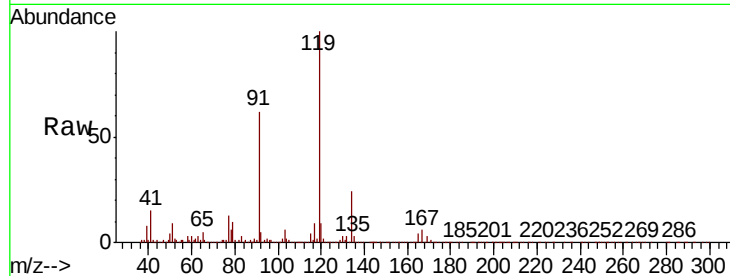




#83
tert-Butylbenzene
Concen: 18.871 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013872.D
Acq: 10 Dec 2019 00:20

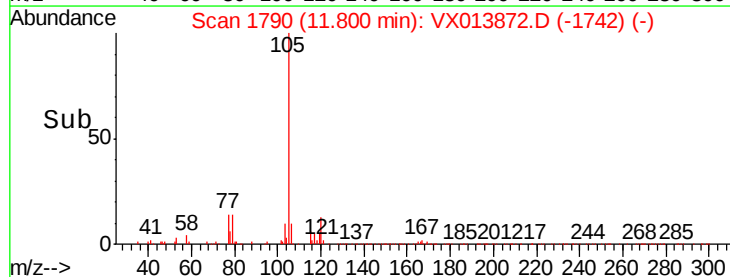
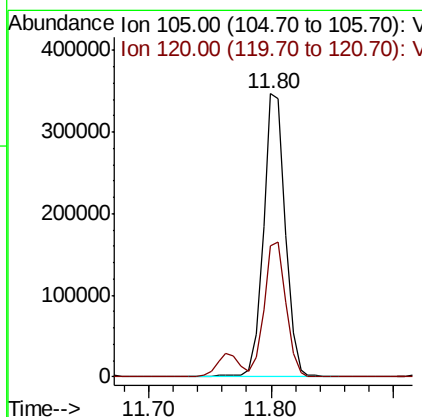
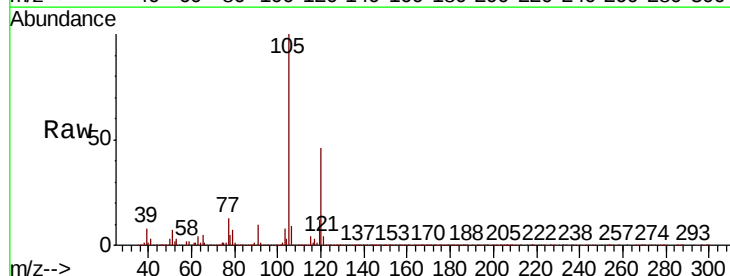
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

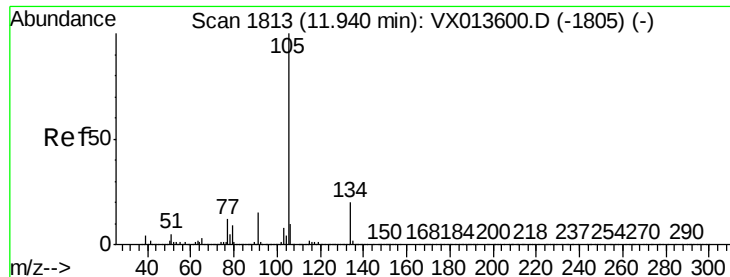
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.9	27.2	81.6
134	24.6	11.7	35.1



#84
1,2,4-Trimethylbenzene
Concen: 19.304 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013872.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: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

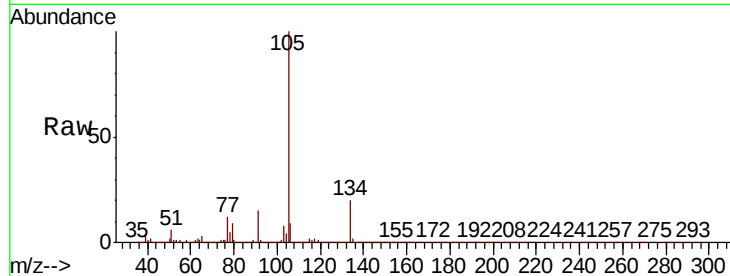
VX1209WBS02

Tot Ion:105 Resp: 497057

Ion Ratio Lower Upper

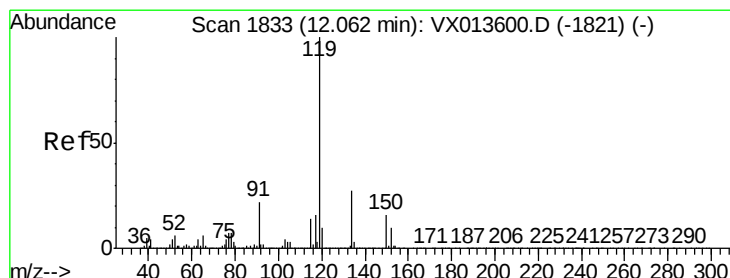
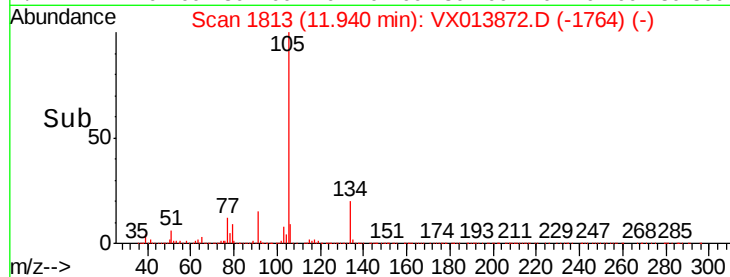
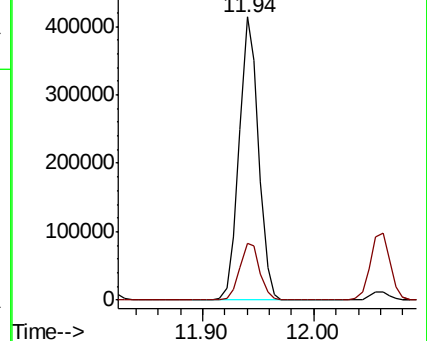
105 100

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: VX013872.D

Acq: 10 Dec 2019 00:20

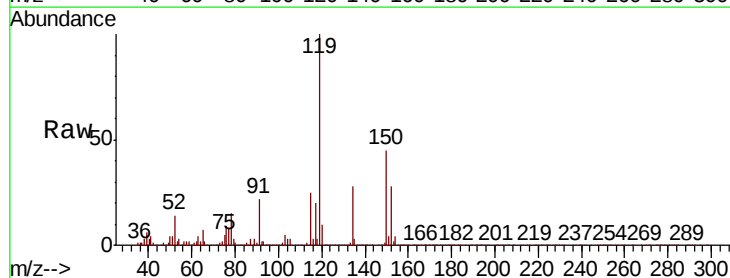
Tgt Ion:119 Resp: 450984

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

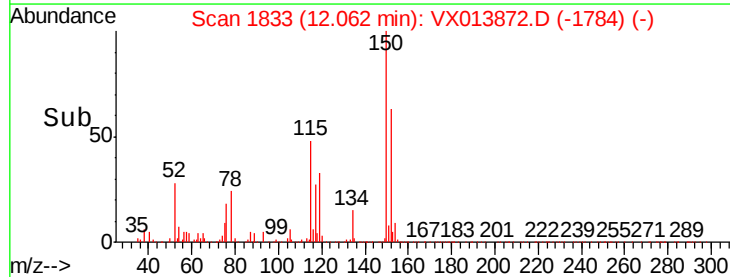
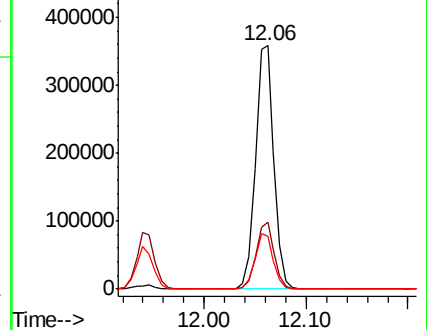
91 22.5 11.3 33.8

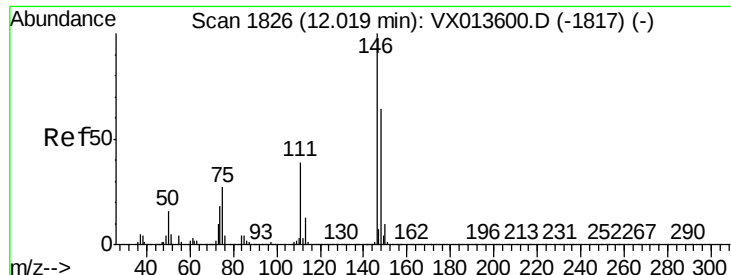


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

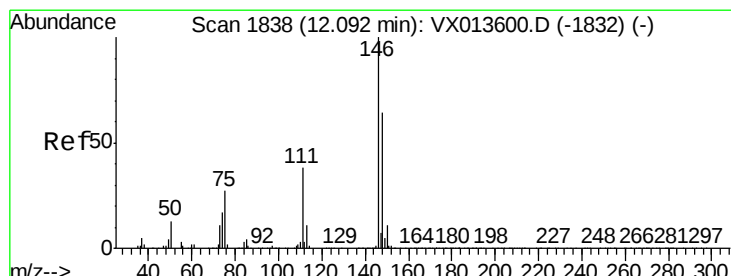
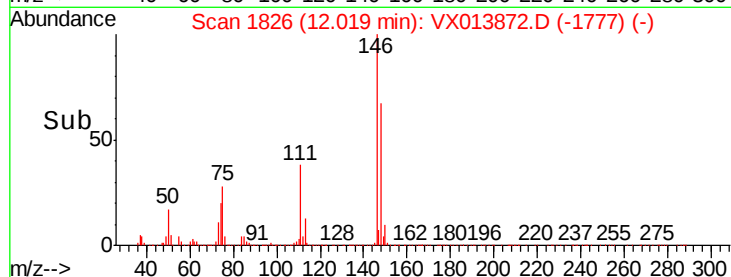
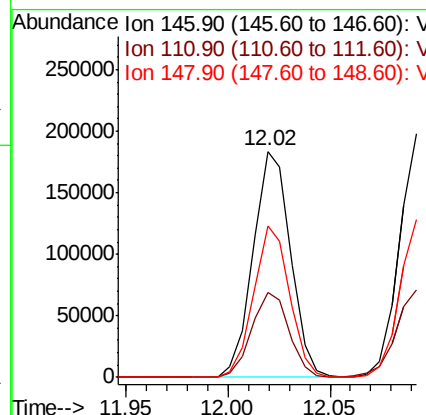
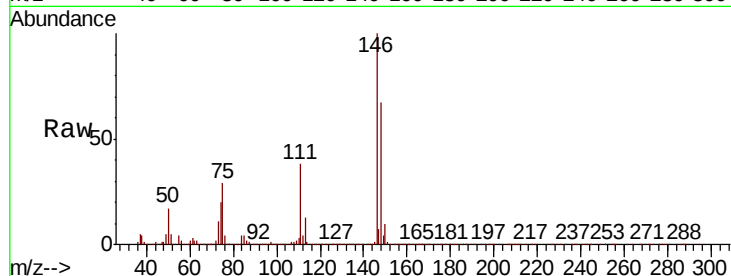




#87
 1,3-Dichlorobenzene
 Concen: 18.492 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013872.D
 Acq: 10 Dec 2019 00:20

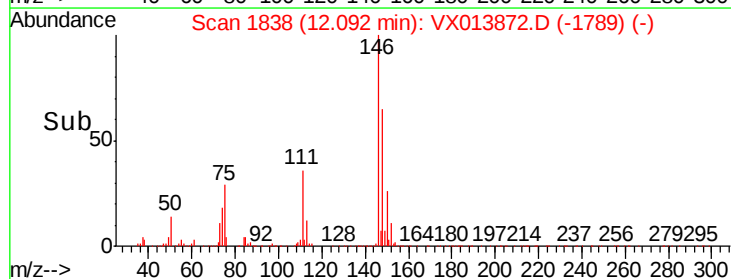
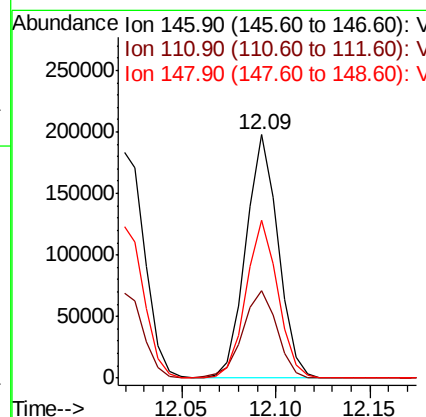
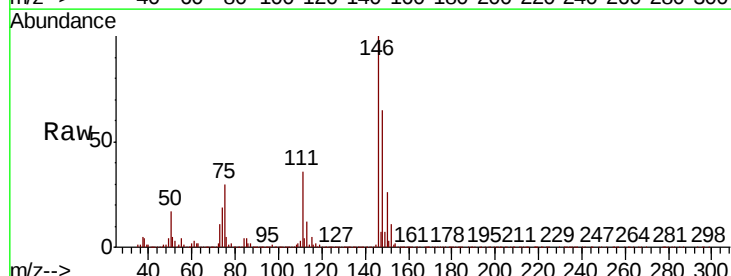
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS02

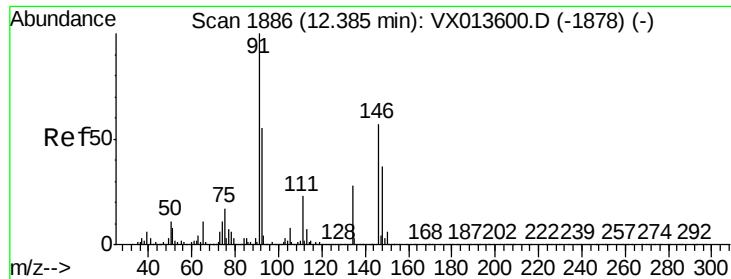
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.0	57.0
148	64.5	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.154 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013872.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

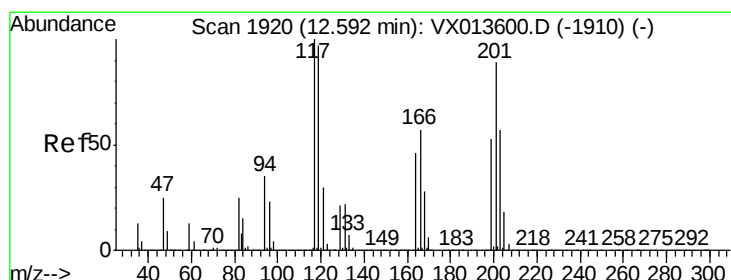
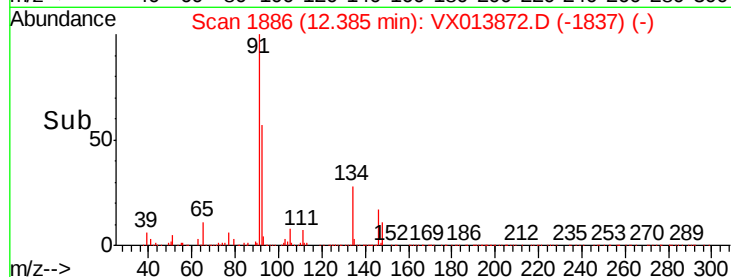
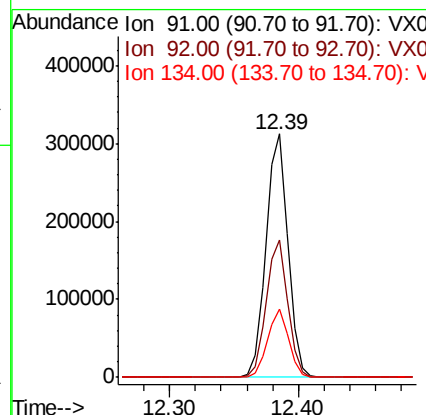
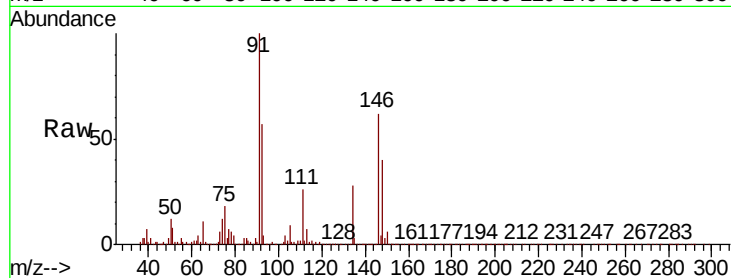




#89
n-Butylbenzene
Concen: 17.952 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013872.D
Acq: 10 Dec 2019 00:20

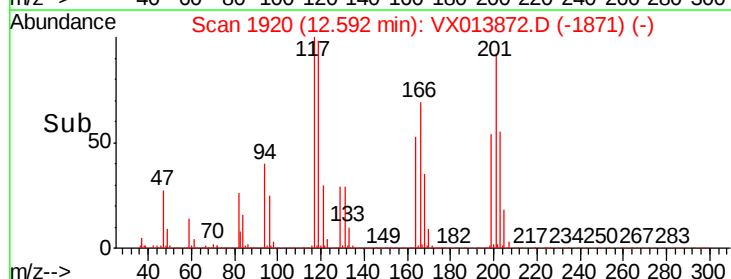
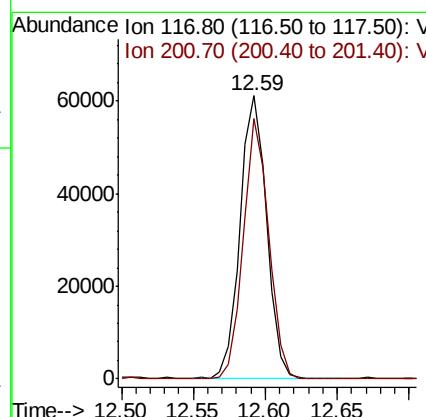
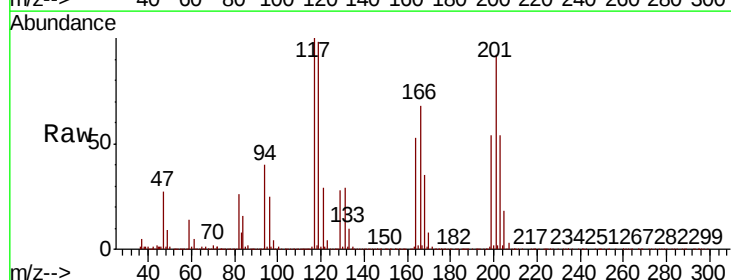
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS02

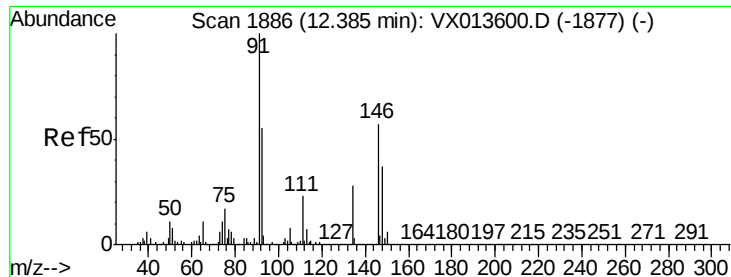
Tot Ion: 91 Resp: 364942
Ion Ratio Lower Upper
91 100
92 55.5 27.4 82.2
134 27.2 13.5 40.4



#90
Hexachloroethane
Concen: 18.237 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013872.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





#91

1,2-Dichlorobenzene

Concen: 19.226 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS02

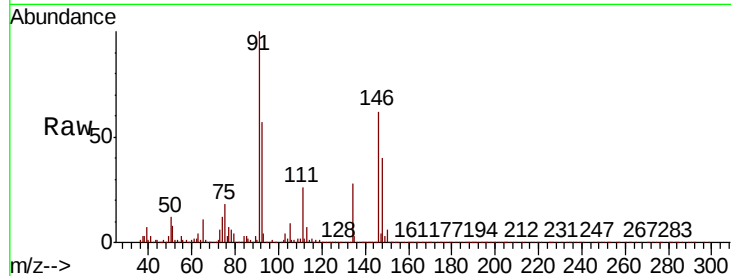
Tot Ion:146 Resp: 240892

Ion Ratio Lower Upper

146 100

111 39.4 19.6 58.7

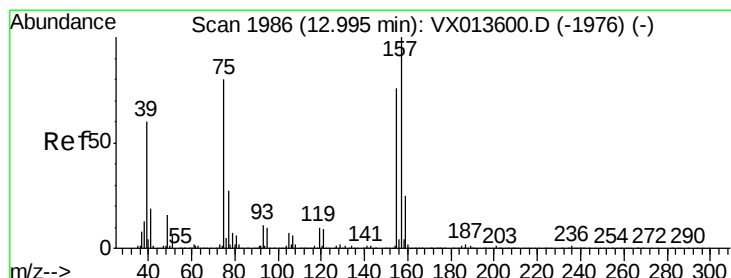
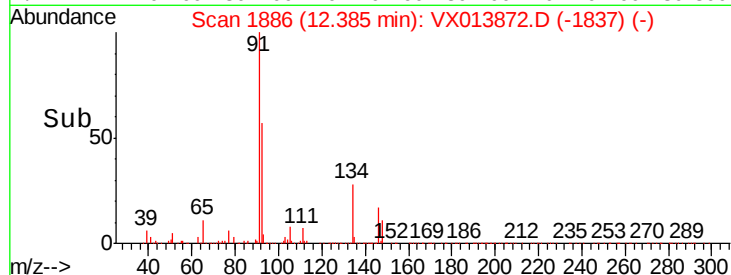
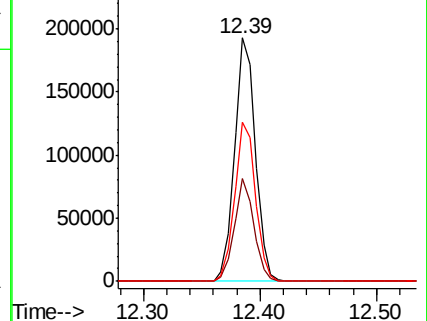
148 65.4 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#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: VX013872.D

Acq: 10 Dec 2019 00:20

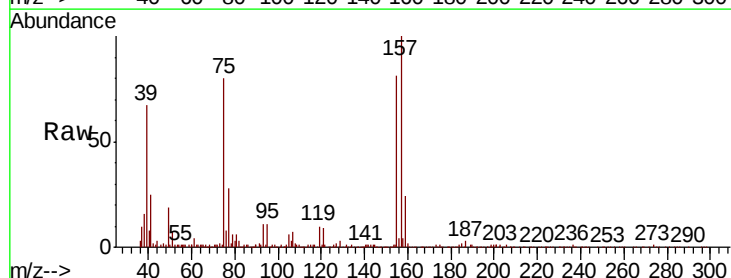
Tgt Ion: 75 Resp: 36348

Ion Ratio Lower Upper

75 100

155 100.3 47.6 142.8

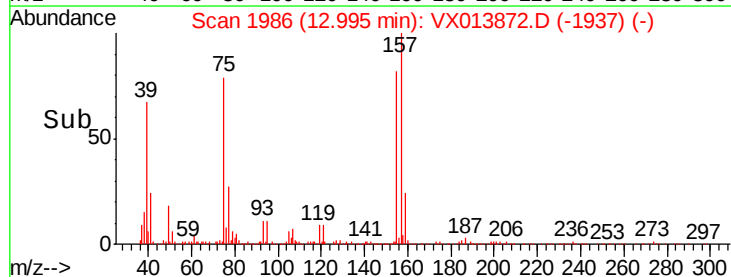
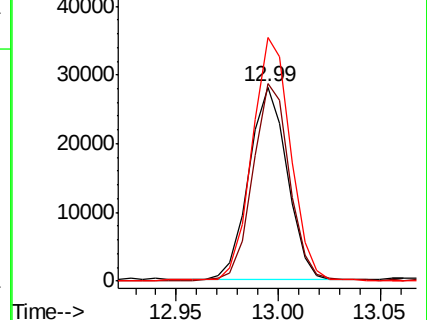
157 129.5 62.1 186.2

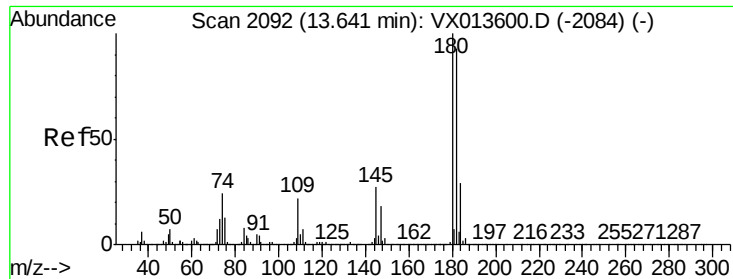


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

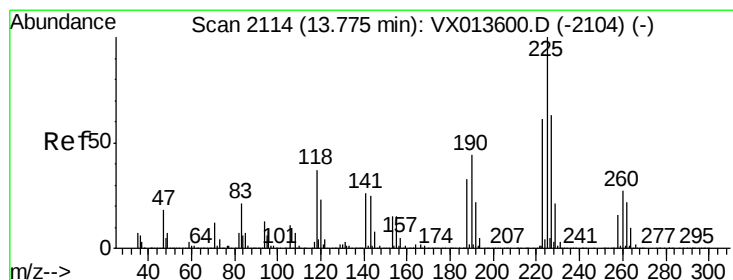
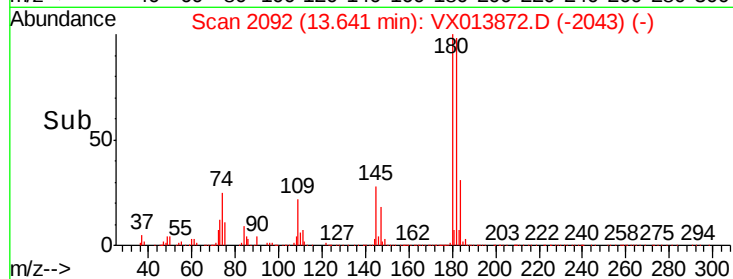
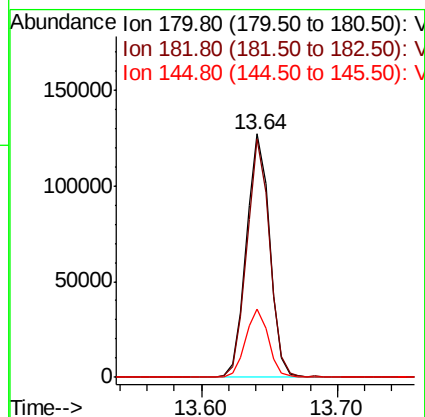
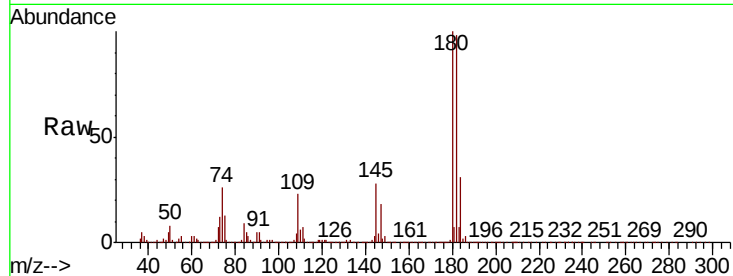




#93
 1,2,4-Trichlorobenzene
 Concen: 17.463 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013872.D
 Acq: 10 Dec 2019 00:20

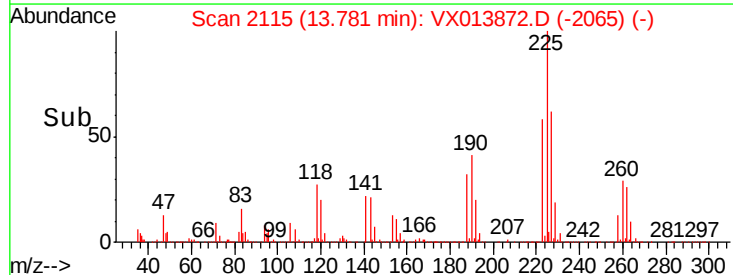
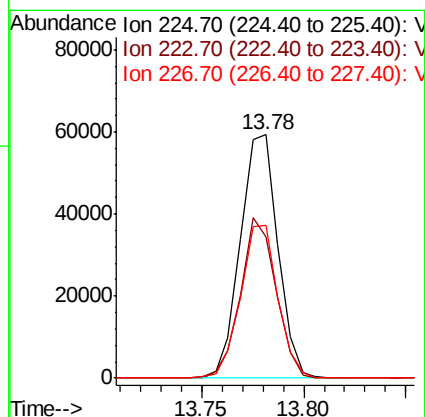
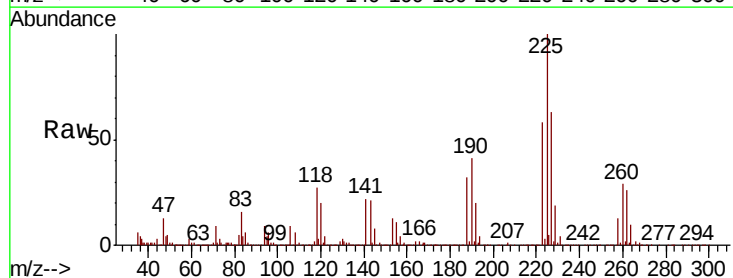
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS02

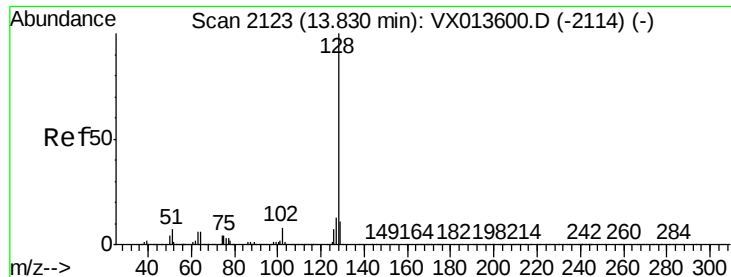
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.2	141.6
145	27.5	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 18.123 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013872.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: VX013872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS02

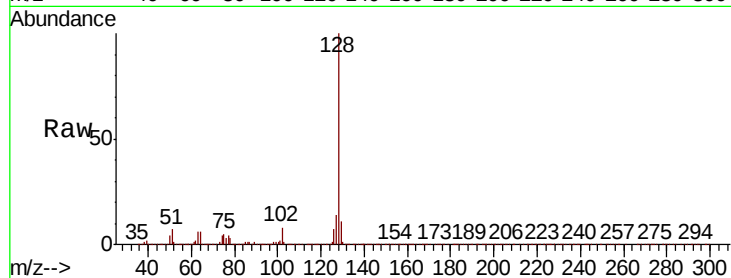
Tot Ion:128 Resp: 476273

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

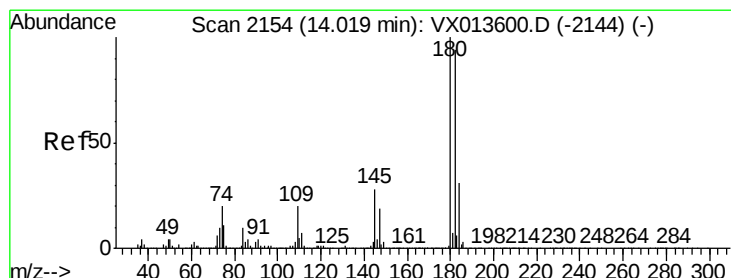
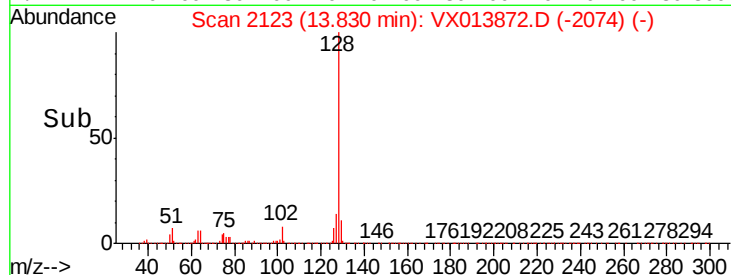
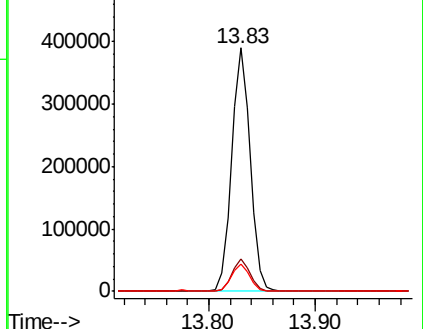
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.318 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013872.D

Acq: 10 Dec 2019 00:20

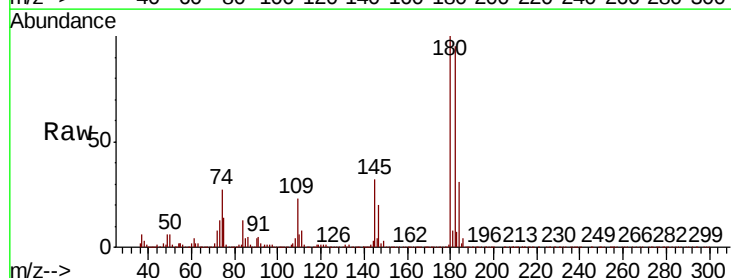
Tgt Ion:180 Resp: 158373

Ion Ratio Lower Upper

180 100

182 94.5 47.6 142.8

145 30.4 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

