

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010320\
 Data File : VX014415.D
 Acq On : 03 Jan 2020 20:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 06 02:36:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	487403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	747500	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	674416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	340661	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	284431	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
35) Dibromofluoromethane	5.49	113	238451	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
50) Toluene-d8	8.71	98	908358	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.13	95	328217	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	170691	39.145	ug/l	99
3) Chloromethane	1.32	50	235763	40.289	ug/l	99
4) Vinyl Chloride	1.40	62	262878	42.573	ug/l	99
5) Bromomethane	1.63	94	195937	44.709	ug/l	100
6) Chloroethane	1.71	64	172389	45.235	ug/l	97
7) Trichlorofluoromethane	1.92	101	356425	46.630	ug/l	99
8) Diethyl Ether	2.18	74	167730	46.756	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	220047	47.757	ug/l	98
10) Methyl Iodide	2.50	142	281286	46.486	ug/l	100
11) Tert butyl alcohol	3.03	59	306480	256.766	ug/l	99
12) 1,1-Dichloroethene	2.36	96	215932	46.056	ug/l	99
13) Acrolein	2.28	56	171663	251.239	ug/l	96
14) Allyl chloride	2.72	41	396667	47.385	ug/l	99
15) Acrylonitrile	3.13	53	721254	258.886	ug/l	99
16) Acetone	2.43	43	644992	179.850	ug/l	99
17) Carbon Disulfide	2.56	76	492492	38.020	ug/l	99
18) Methyl Acetate	2.76	43	378705	53.291	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	785229	50.967	ug/l	98
20) Methylene Chloride	2.85	84	256461	45.412	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	230326	44.591	ug/l	98
22) Diisopropyl ether	3.84	45	835946	50.112	ug/l	97
23) Vinyl Acetate	3.80	43	3154951	231.757	ug/l	99
24) 1,1-Dichloroethane	3.69	63	440438	47.456	ug/l	100
25) 2-Butanone	4.65	43	1019664	230.617	ug/l	99
26) 2,2-Dichloropropane	4.58	77	327848	45.497	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	278157	47.616	ug/l	99
28) Bromochloromethane	5.00	49	190844	53.436	ug/l	99
29) Tetrahydrofuran	5.12	42	646189	261.293	ug/l	100
30) Chloroform	5.20	83	435497	49.498	ug/l	100
31) Cyclohexane	5.57	56	373151	45.206	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	370060	49.351	ug/l	98
36) 1,1-Dichloropropene	5.79	75	317006	46.219	ug/l	99
37) Ethyl Acetate	4.82	43	387988	51.226	ug/l	100
38) Carbon Tetrachloride	5.78	117	306025	48.978	ug/l	98

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Quant Time: Jan 06 02:36:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	384828	45.440	ug/l	99
40) Benzene	6.14	78	996308	47.210	ug/l	99
41) Methacrylonitrile	5.03	41	216601	51.542	ug/l	99
42) 1,2-Dichloroethane	6.18	62	347765	48.614	ug/l	100
43) Isopropyl Acetate	6.43	43	649729	51.835	ug/l	100
44) Trichloroethene	7.20	130	282765	48.510	ug/l	99
45) 1,2-Dichloropropane	7.51	63	271822	50.253	ug/l	96
46) Dibromomethane	7.65	93	170064	47.555	ug/l	97
47) Bromodichloromethane	7.89	83	344045	51.082	ug/l	97
48) Methyl methacrylate	7.76	41	311095	50.685	ug/l	100
49) 1,4-Dioxane	7.73	88	117442	940.240	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2011901	255.579	ug/l	100
52) Toluene	8.78	92	639340	47.931	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	378960	51.314	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	422212	51.317	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	271060	50.702	ug/l	99
56) Ethyl methacrylate	9.17	69	432345	51.483	ug/l	99
57) 1,3-Dichloropropane	9.37	76	451170	50.159	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	847255	266.597	ug/l	99
59) 2-Hexanone	9.48	43	1537807	242.674	ug/l	100
60) Dibromochloromethane	9.57	129	282551	53.171	ug/l	100
61) 1,2-Dibromoethane	9.67	107	275668	50.397	ug/l	99
64) Tetrachloroethene	9.33	164	364074	61.007	ug/l	97
65) Chlorobenzene	10.14	112	693431	48.357	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	262575	51.283	ug/l	99
67) Ethyl Benzene	10.25	91	1209201	49.048	ug/l	100
68) m/p-Xylenes	10.35	106	923235	97.367	ug/l	99
69) o-Xylene	10.70	106	450215	48.413	ug/l	99
70) Styrene	10.71	104	783816	49.844	ug/l	99
71) Bromoform	10.85	173	223994	54.424	ug/l	98
73) Isopropylbenzene	11.01	105	1194751	49.812	ug/l	100
74) N-amyl acetate	10.89	43	573956	51.051	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	402403	48.392	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	476297	64.402	ug/l	88
77) Bromobenzene	11.25	156	317693	48.141	ug/l	97
78) n-propylbenzene	11.35	91	1341754	49.873	ug/l	99
79) 2-Chlorotoluene	11.42	91	796688	48.715	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1001091	49.593	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	135826	51.837	ug/l	99
82) 4-Chlorotoluene	11.51	91	922978	48.654	ug/l	99
83) tert-Butylbenzene	11.76	119	905981	46.119	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	1009070	49.917	ug/l	100
85) sec-Butylbenzene	11.94	105	1159252	49.988	ug/l	99
86) p-Isopropyltoluene	12.06	119	1066960	50.297	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	555161	48.000	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	552613	46.990	ug/l	99
89) n-Butylbenzene	12.39	91	907403	50.131	ug/l	99
90) Hexachloroethane	12.59	117	192324	50.475	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	562640	48.325	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	89700	48.746	ug/l	96

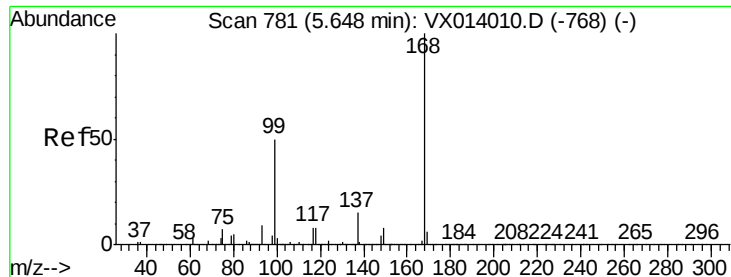
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010320\
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	377877	49.935	ug/l	98
94) Hexachlorobutadiene	13.78	225	184896	50.840	ug/l	98
95) Naphthalene	13.83	128	1181702	53.150	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	382286	51.176	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

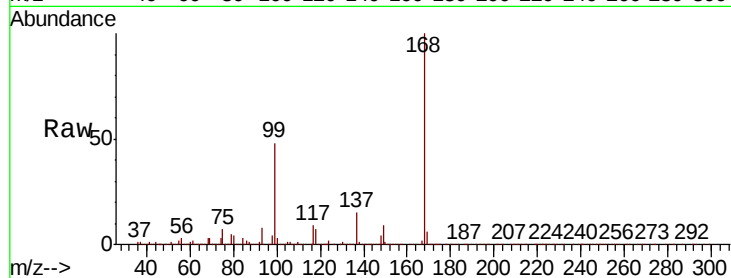
ClientSampleId :

Tot Ion:168 Resp: 487403

Ion Ratio Lower Upper

168 100

99 47.7 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

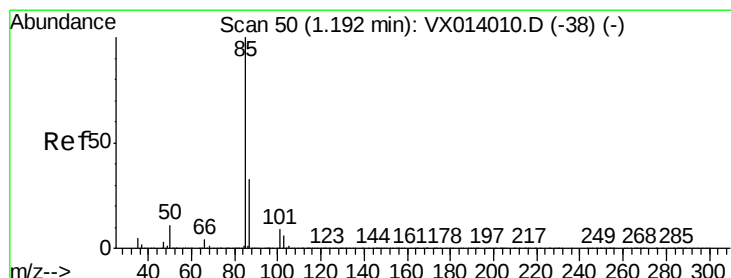
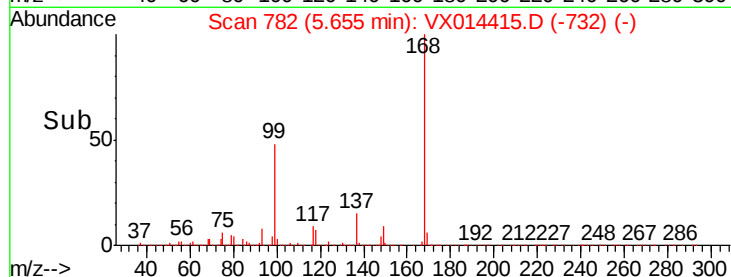
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 39.145 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014415.D

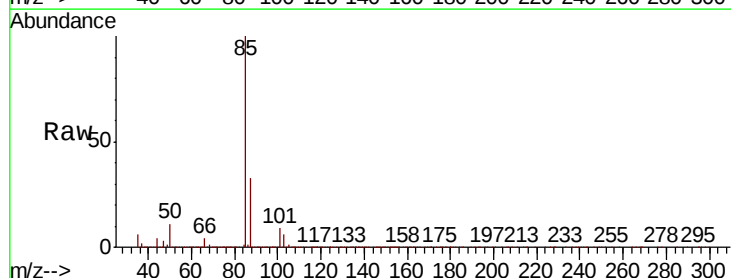
Acq: 03 Jan 2020 20:53

Tgt Ion: 85 Resp: 170691

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

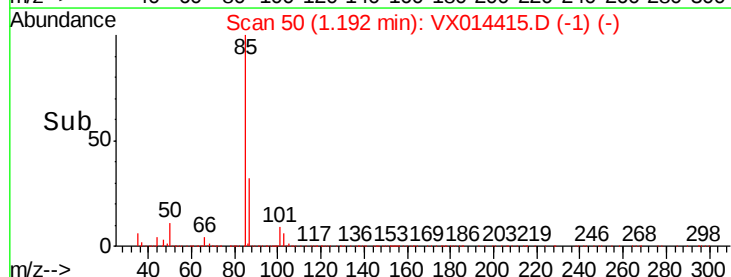
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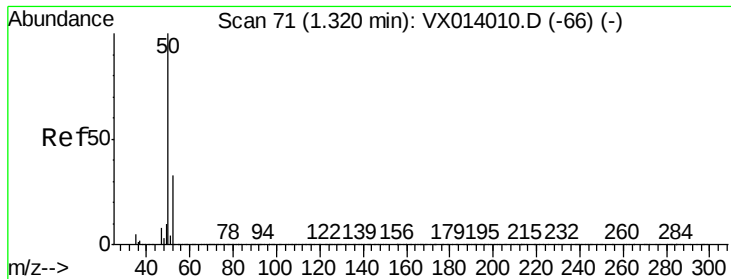
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Time-->

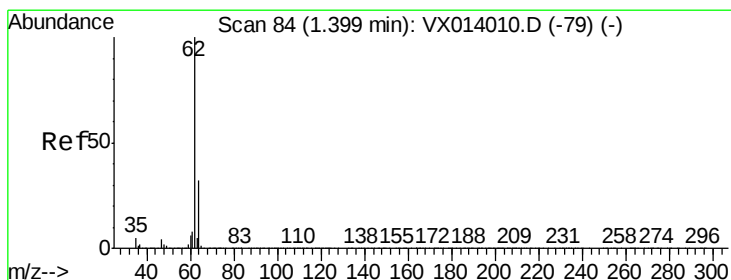
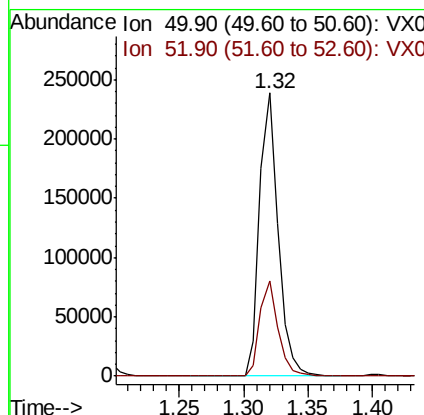
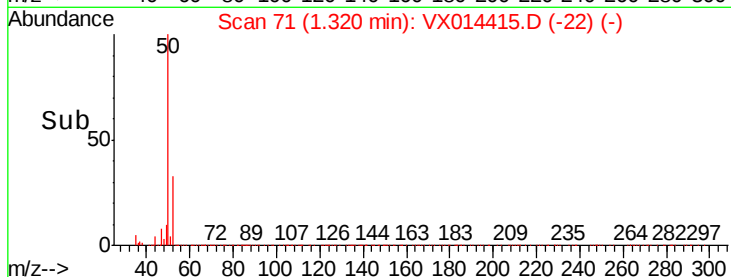
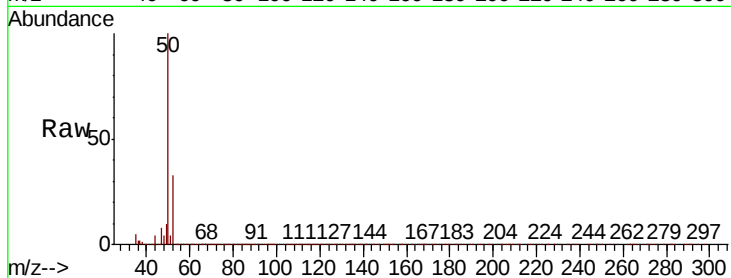




#3
Chloromethane
Concen: 40.289 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

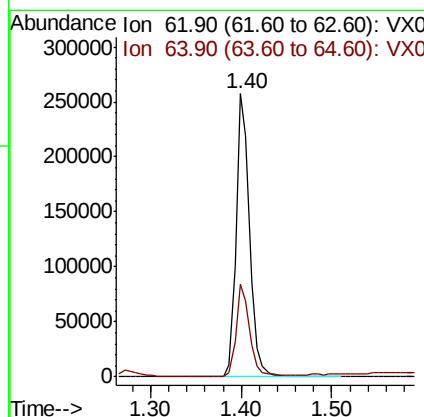
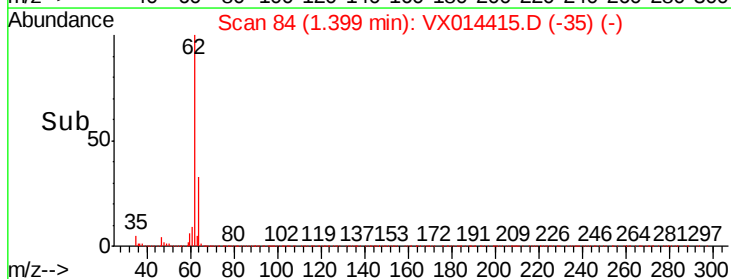
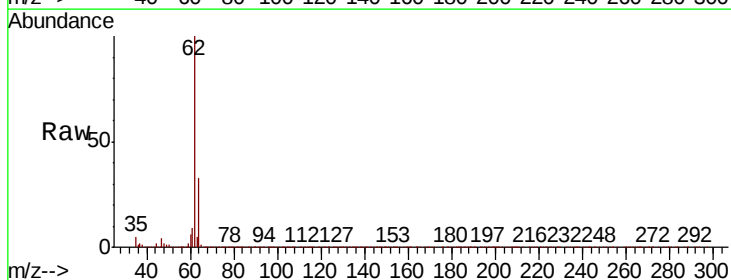
Instrument :
MSVOA_X
ClientSampleId :

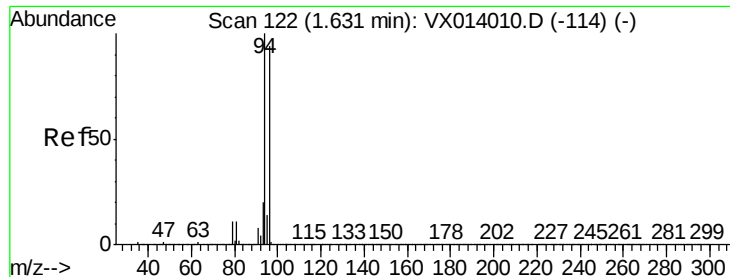
Tot Ion: 50 Resp: 235763
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.4



#4
Vinyl Chloride
Concen: 42.573 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion: 62 Resp: 262878
Ion Ratio Lower Upper
62 100
64 32.6 25.7 38.5





#5

Bromomethane

Concen: 44.709 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

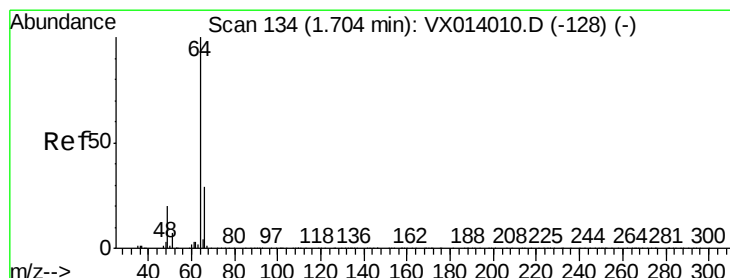
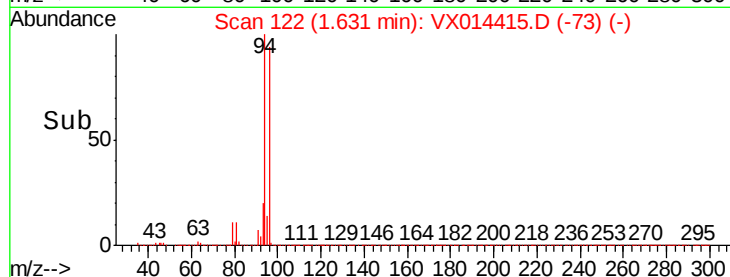
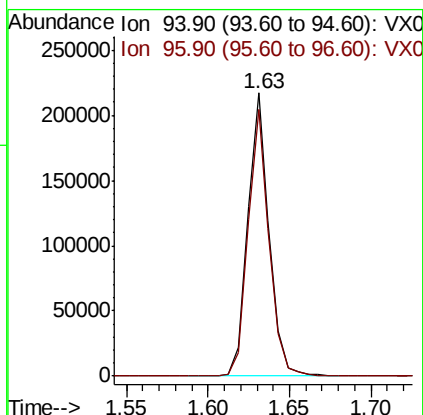
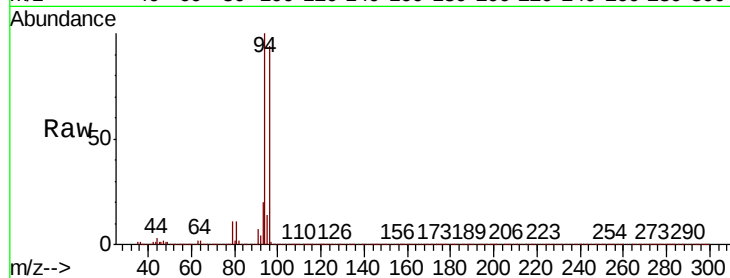
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 195937

Ion Ratio Lower Upper

94 100

96 94.0 75.2 112.8



#6

Chloroethane

Concen: 45.235 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014415.D

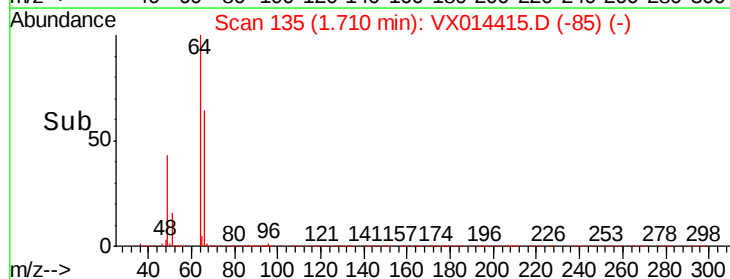
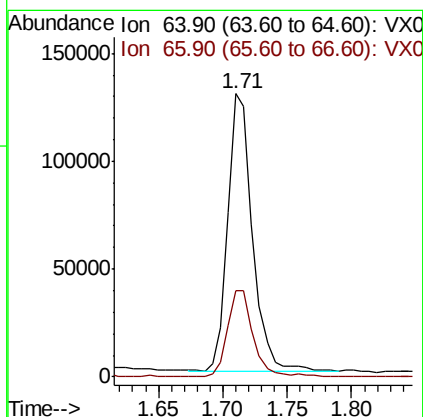
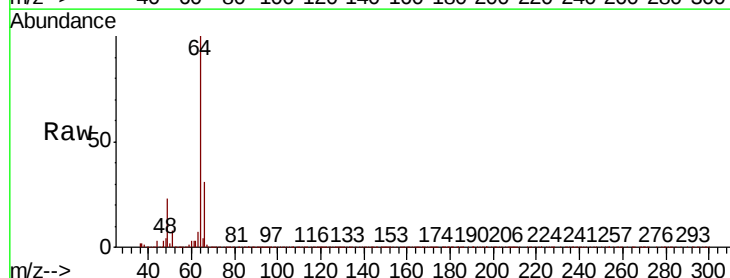
Acq: 03 Jan 2020 20:53

Tgt Ion: 64 Resp: 172389

Ion Ratio Lower Upper

64 100

66 31.1 23.4 35.2



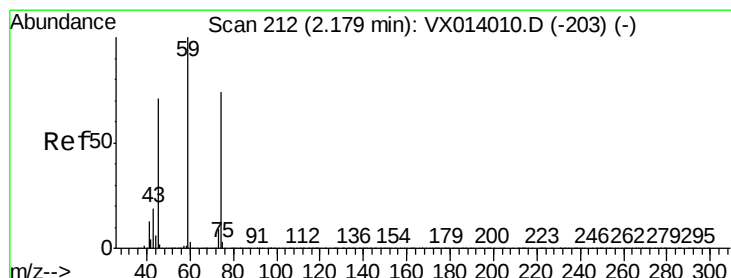
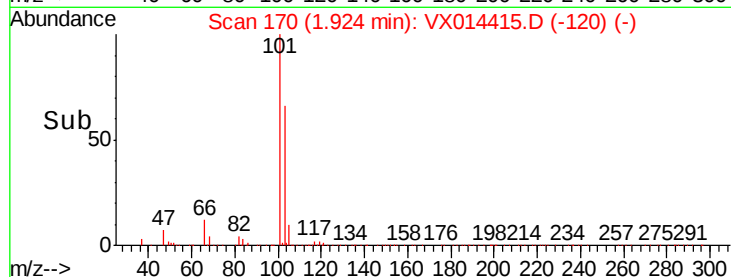
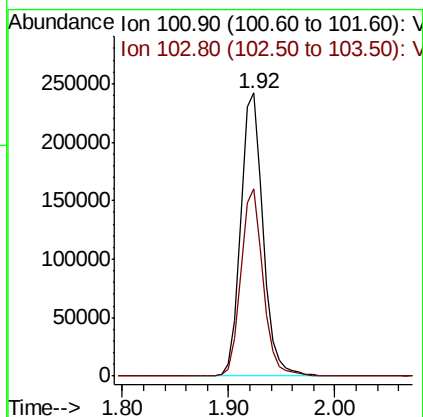
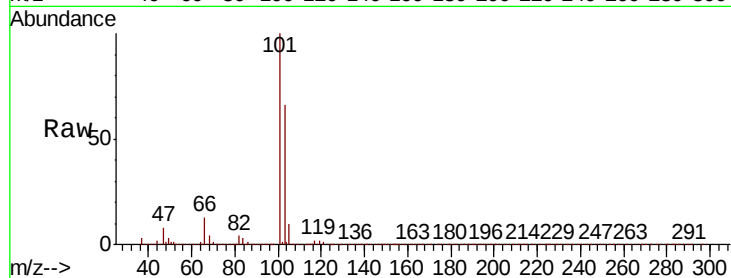


#7

Trichlorofluoromethane
Concen: 46.630 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Instrument :
MSVOA_X
ClientSampled :

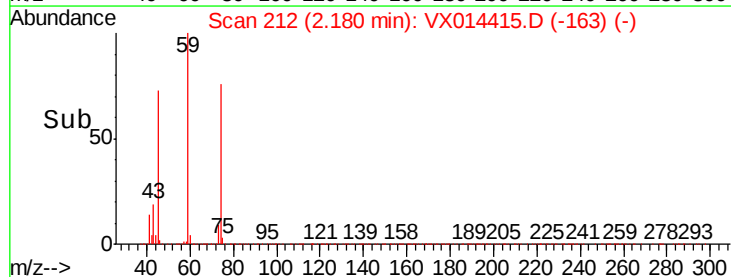
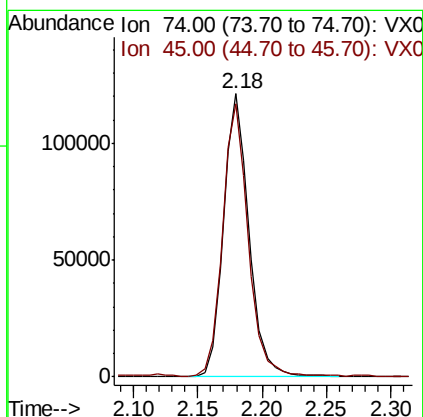
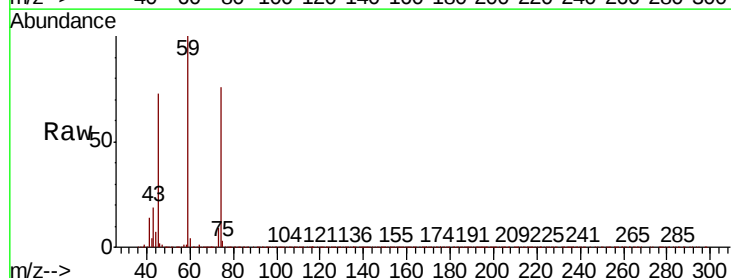
Tot Ion:101 Resp: 356425
Ion Ratio Lower Upper
101 100
103 65.9 52.2 78.4

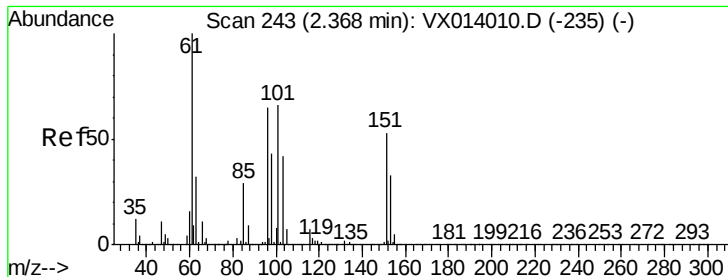


#8

Diethyl Ether
Concen: 46.756 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion: 74 Resp: 167730
Ion Ratio Lower Upper
74 100
45 96.8 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.757 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014415.D

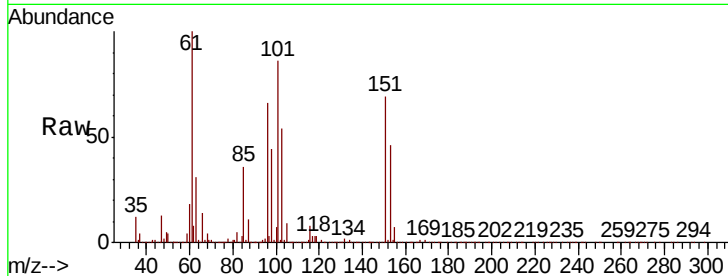
Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

ClientSampled :

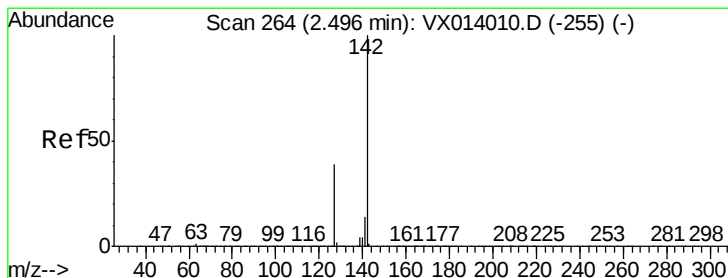
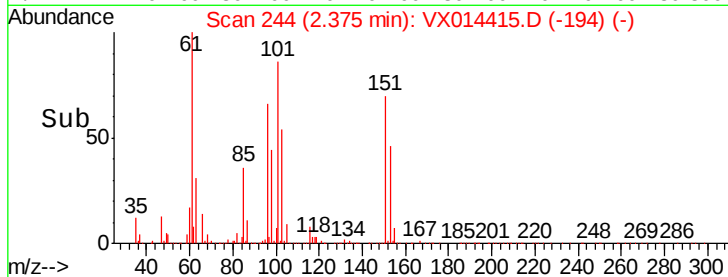
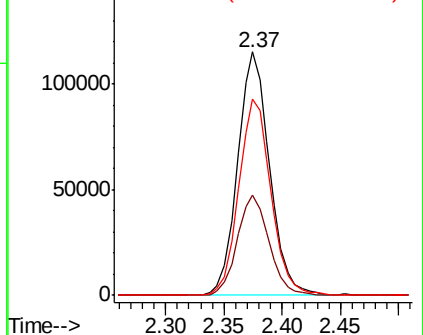
Tot Ion:	101	Resp:	220047
Ion	Ratio	Lower	Upper
101	100		
85	40.8	33.7	50.5
151	81.7	64.5	96.7



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: 46.486 ug/l

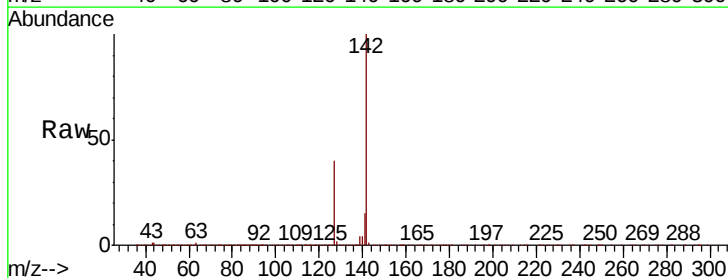
RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

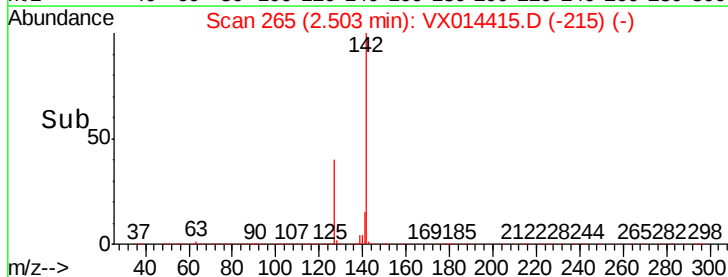
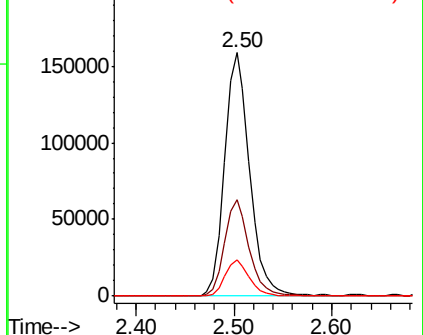
Tgt Ion:	142	Resp:	281286
Ion	Ratio	Lower	Upper
142	100		
127	39.1	31.6	47.4
141	14.5	11.6	17.4

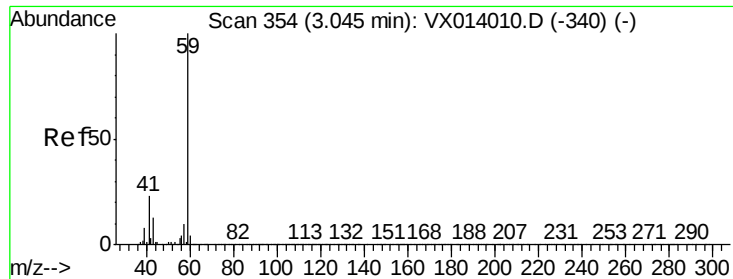


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



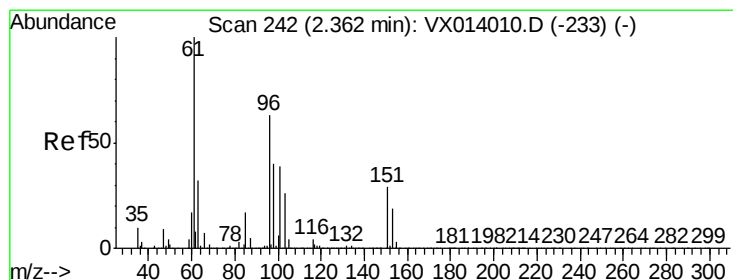
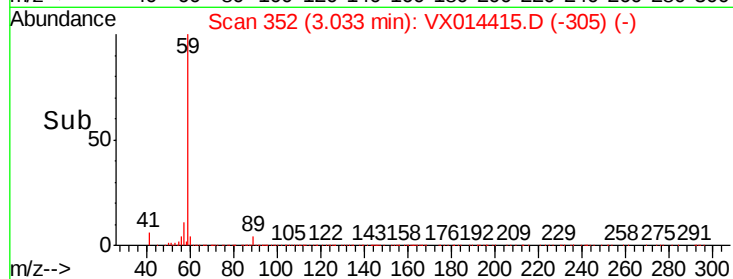
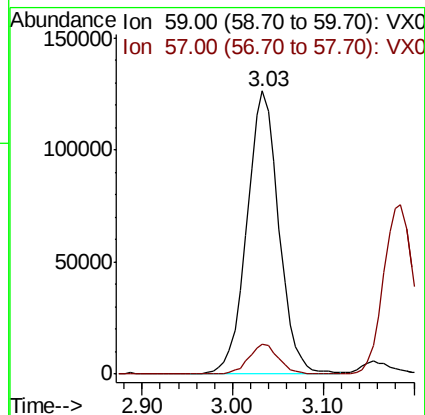
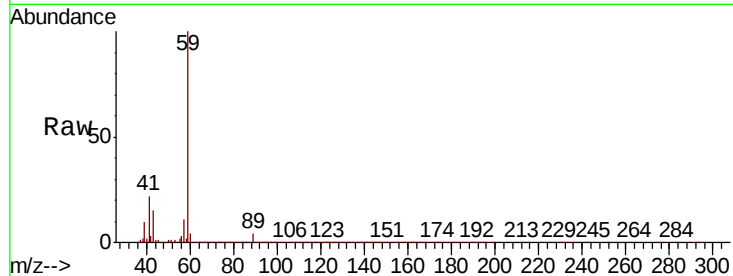


#11

Tert butyl alcohol
Concen: 256.766 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Instrument :
MSVOA_X
ClientSampled :

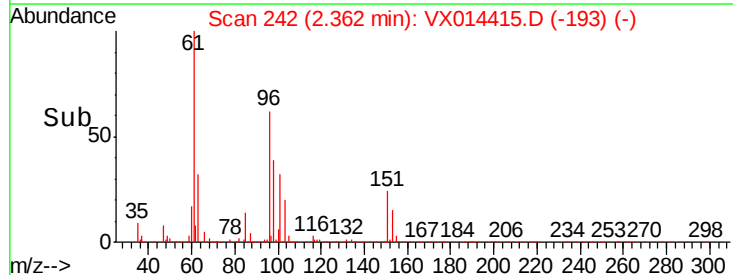
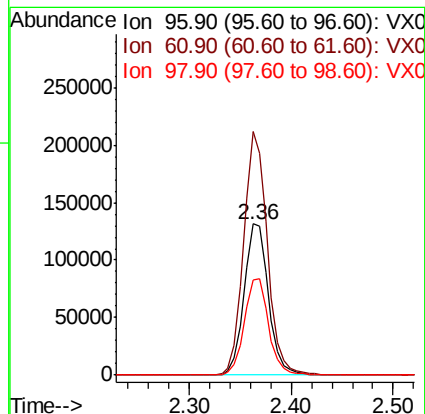
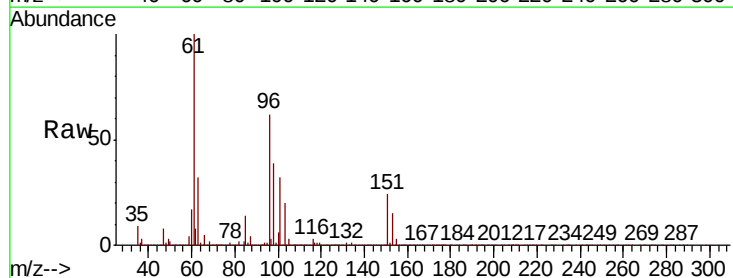
Tot Ion: 59 Resp: 306480
Ion Ratio Lower Upper
59 100
57 10.0 8.4 12.6

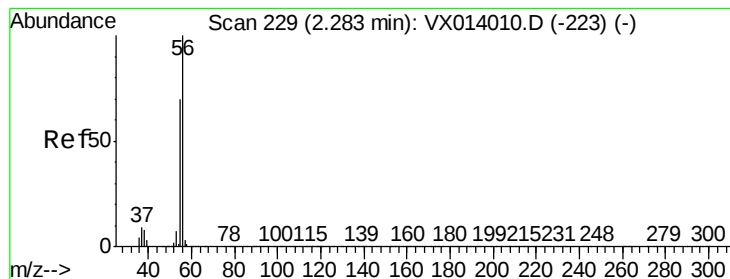


#12

1,1-Dichloroethene
Concen: 46.056 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion: 96 Resp: 215932
Ion Ratio Lower Upper
96 100
61 161.0 127.9 191.9
98 62.7 50.5 75.7





#13

Acrolein

Concen: 251.239 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

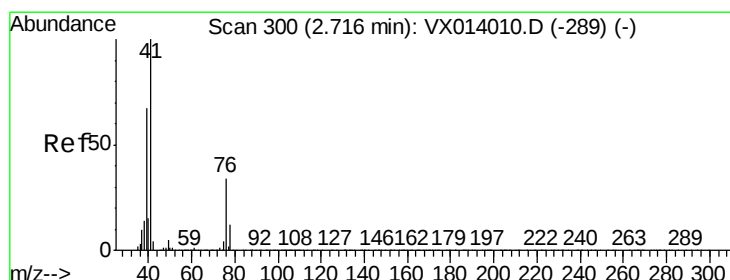
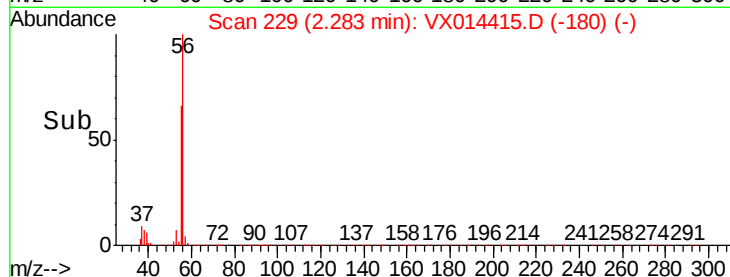
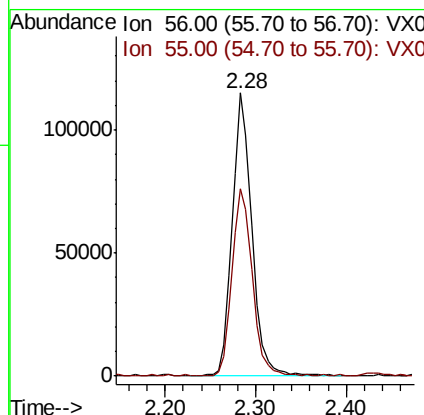
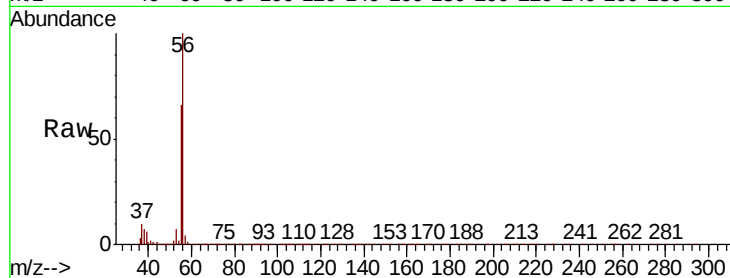
ClientSampleId :

Tot Ion: 56 Resp: 171663

Ion Ratio Lower Upper

56 100

55 67.8 56.9 85.3



#14

Allyl chloride

Concen: 47.385 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

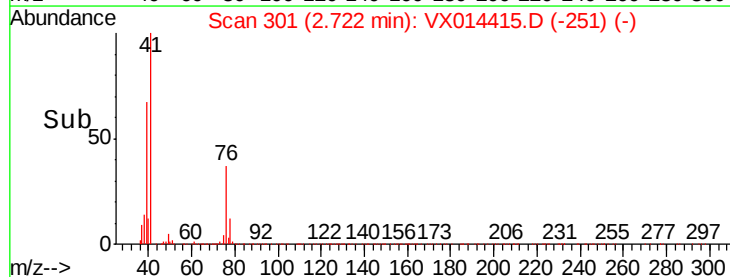
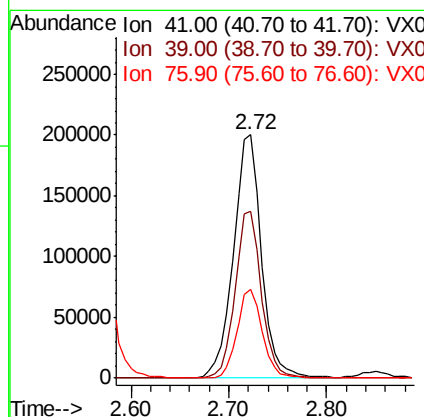
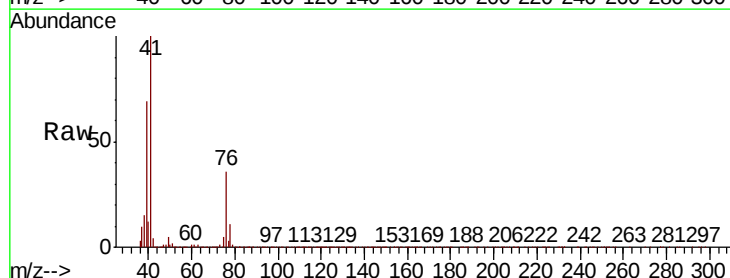
Tgt Ion: 41 Resp: 396667

Ion Ratio Lower Upper

41 100

39 63.8 51.8 77.8

76 32.6 25.9 38.9





#15

Acrylonitrile

Concen: 258.886 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

ClientSampleId :

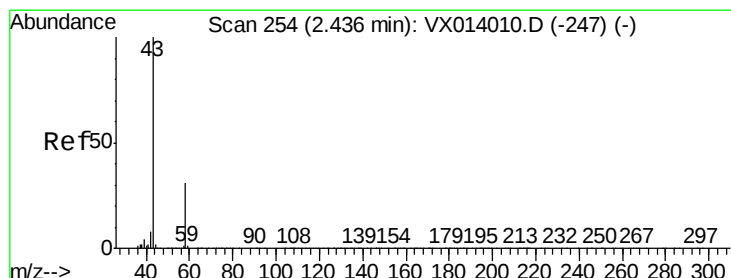
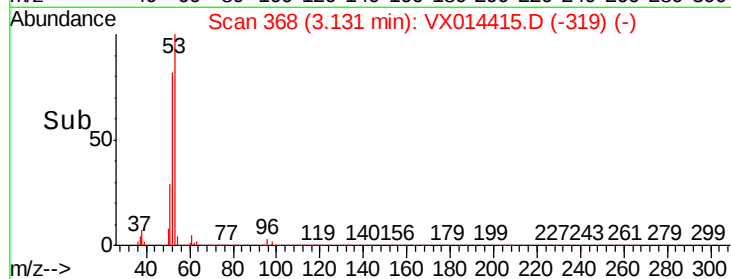
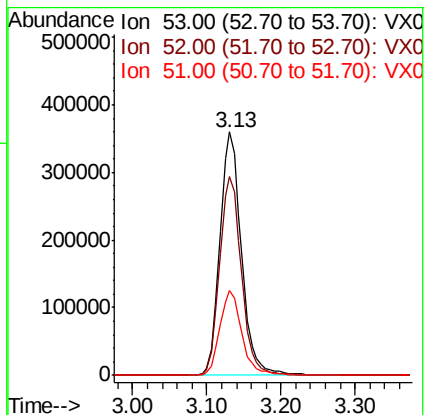
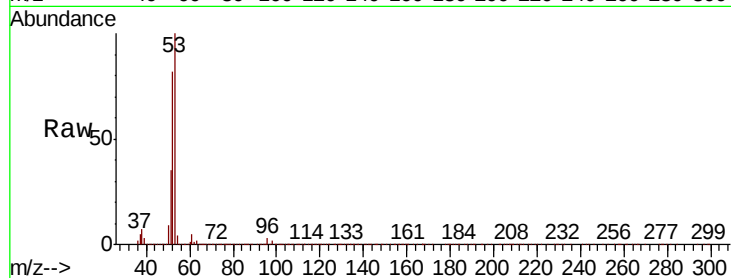
Tot Ion: 53 Resp: 721254

Ion Ratio Lower Upper

53 100

52 82.6 66.5 99.7

51 35.5 28.1 42.1



#16

Acetone

Concen: 179.850 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014415.D

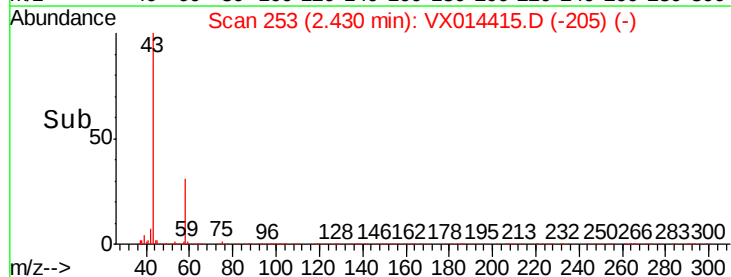
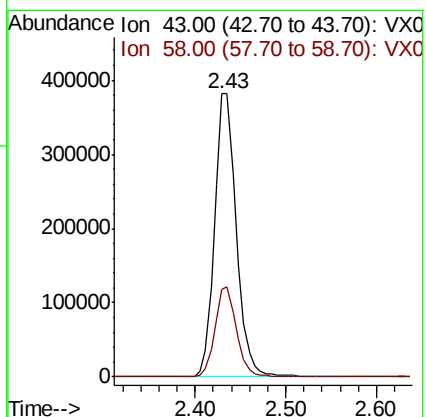
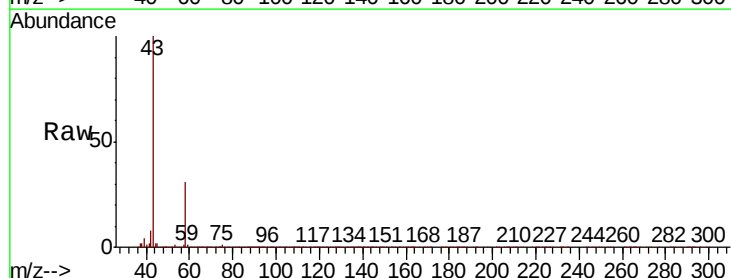
Acq: 03 Jan 2020 20:53

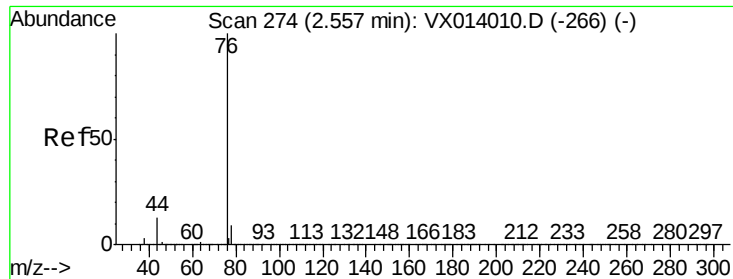
Tgt Ion: 43 Resp: 644992

Ion Ratio Lower Upper

43 100

58 30.6 24.9 37.3





#17

Carbon Disulfide

Concen: 38.020 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

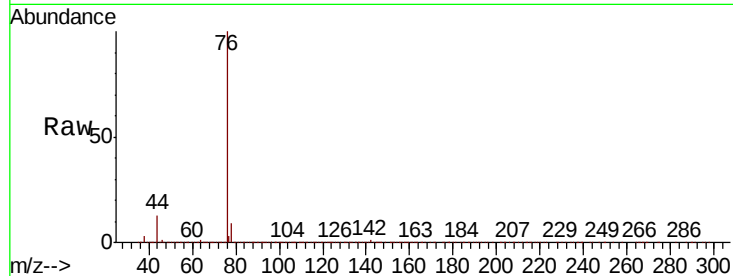
ClientSampleId :

Tot Ion: 76 Resp: 492492

Ion Ratio Lower Upper

76 100

78 9.2 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

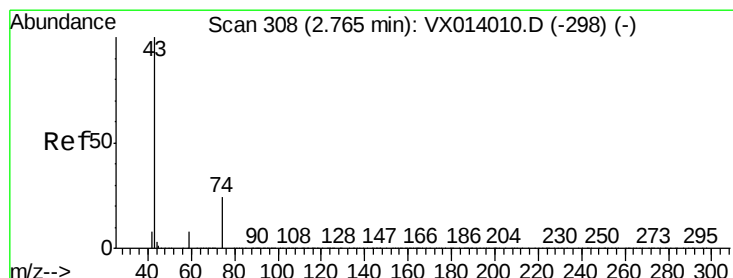
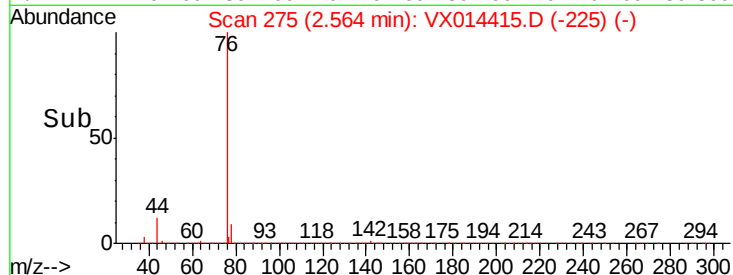
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 53.291 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014415.D

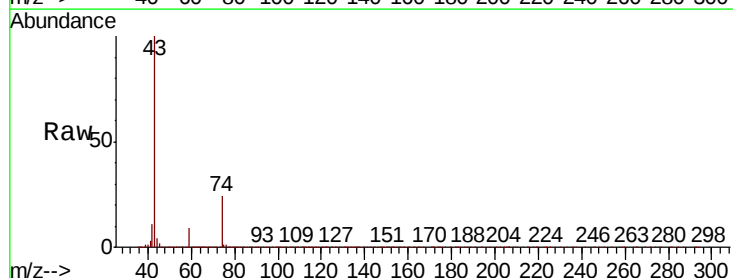
Acq: 03 Jan 2020 20:53

Tgt Ion: 43 Resp: 378705

Ion Ratio Lower Upper

43 100

74 24.1 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

250000

200000

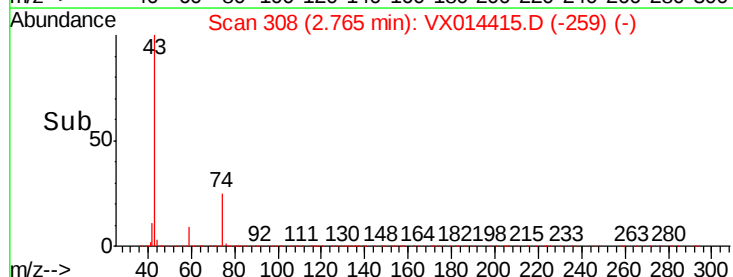
150000

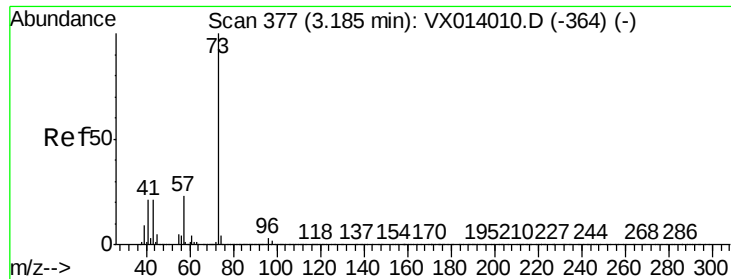
100000

50000

0

Time-->

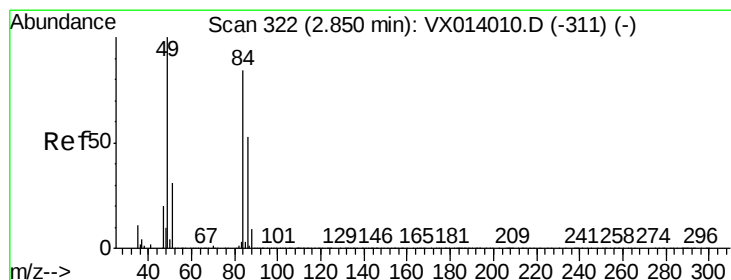
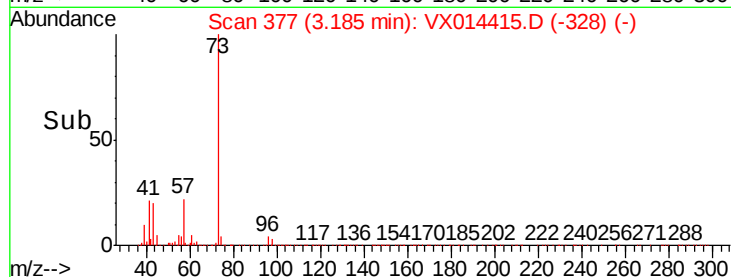
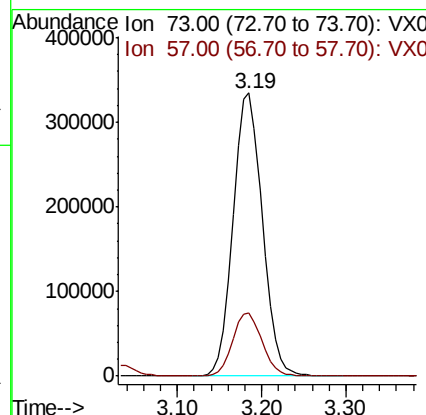
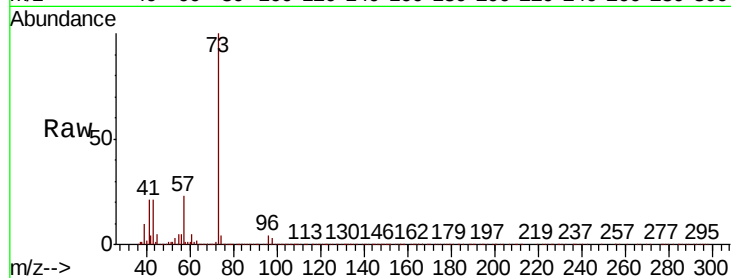




#19
Methyl tert-butyl Ether
Concen: 50.967 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

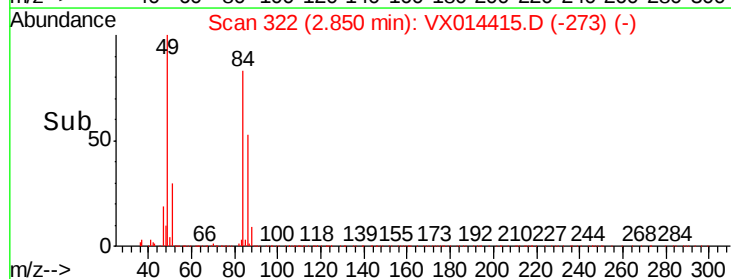
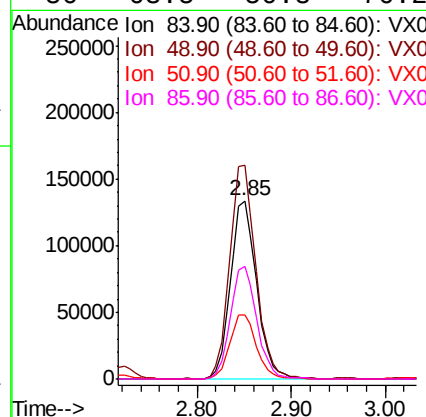
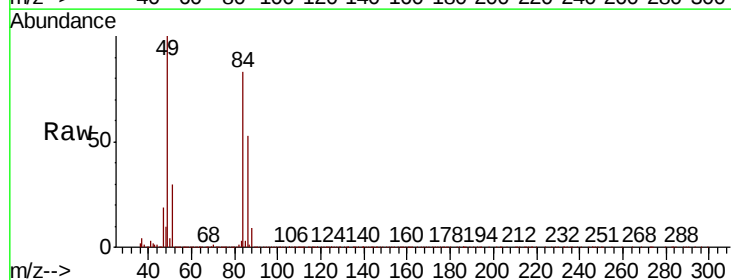
Instrument :
MSVOA_X
ClientSampleId :

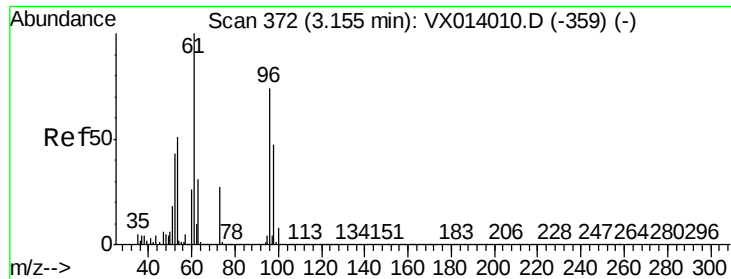
Tot Ion: 73 Resp: 785229
Ion Ratio Lower Upper
73 100
57 22.5 18.8 28.2



#20
Methylene Chloride
Concen: 45.412 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion: 84 Resp: 256461
Ion Ratio Lower Upper
84 100
49 119.9 95.8 143.6
51 36.1 29.8 44.8
86 63.5 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 44.591 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :

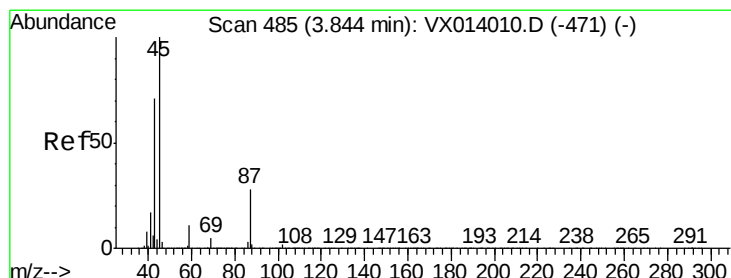
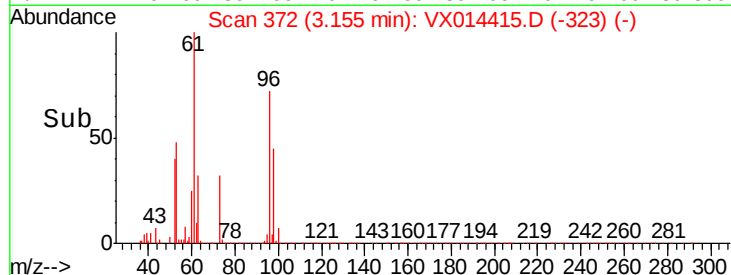
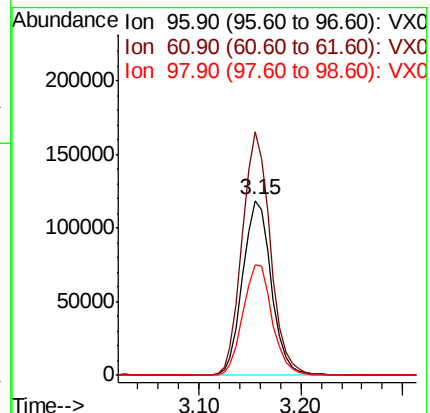
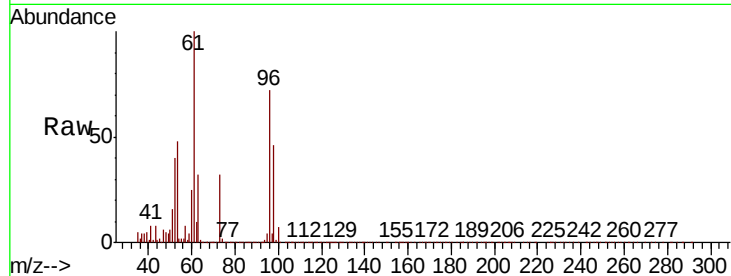
Tot Ion: 96 Resp: 230326

Ion Ratio Lower Upper

96 100

61 139.0 108.3 162.5

98 63.2 50.8 76.2



#22

Diisopropyl ether

Concen: 50.112 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Tgt Ion: 45 Resp: 835946

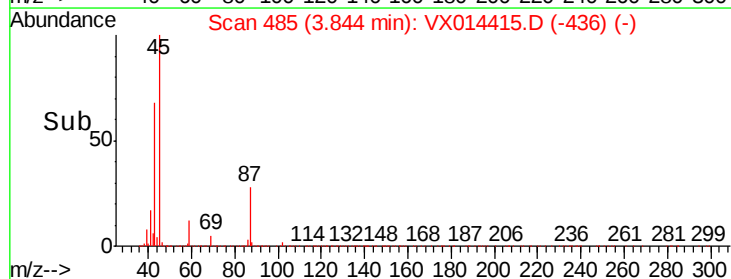
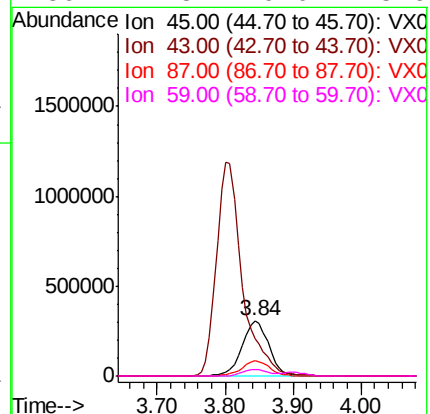
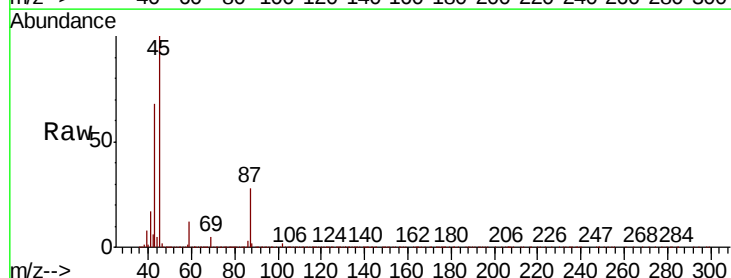
Ion Ratio Lower Upper

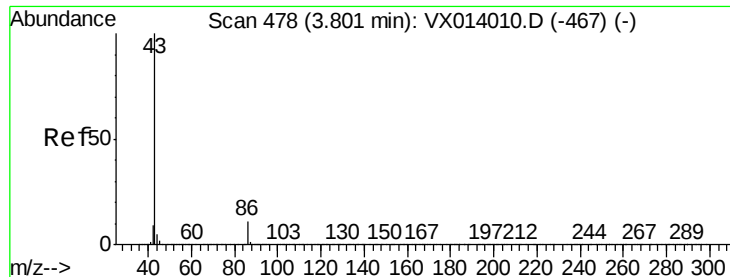
45 100

43 67.7 57.4 86.0

87 27.7 21.9 32.9

59 11.8 9.0 13.6





#23

Vinyl Acetate

Concen: 231.757 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

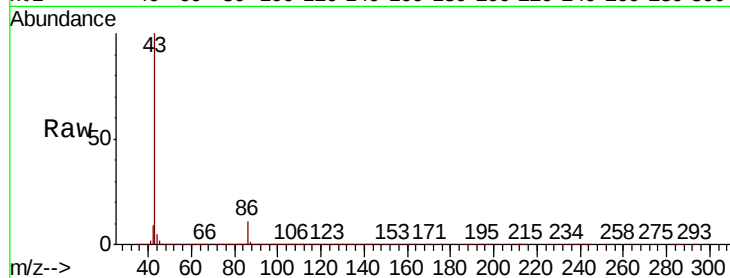
ClientSampled :

Tot Ion: 43 Resp: 3154951

Ion Ratio Lower Upper

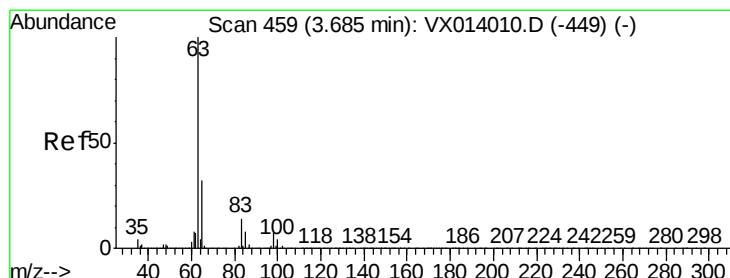
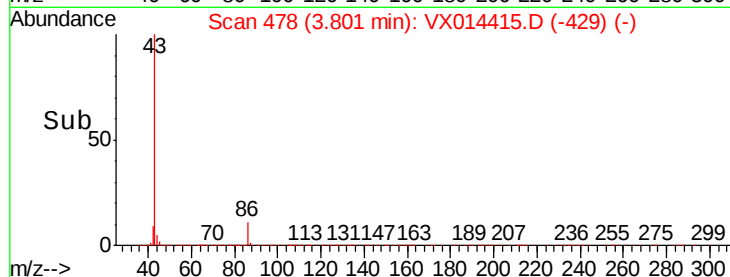
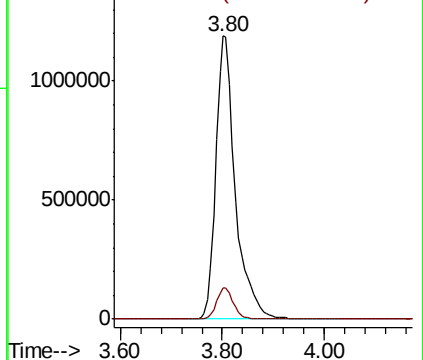
43 100

86 11.1 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.456 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

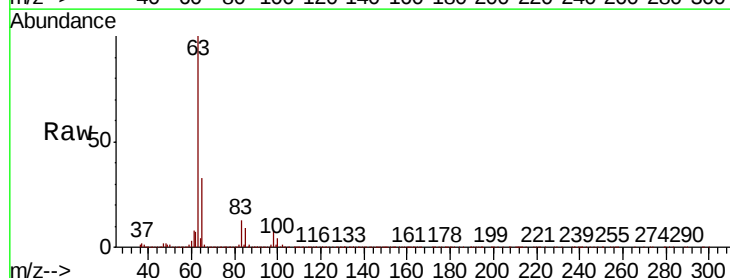
Tgt Ion: 63 Resp: 440438

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

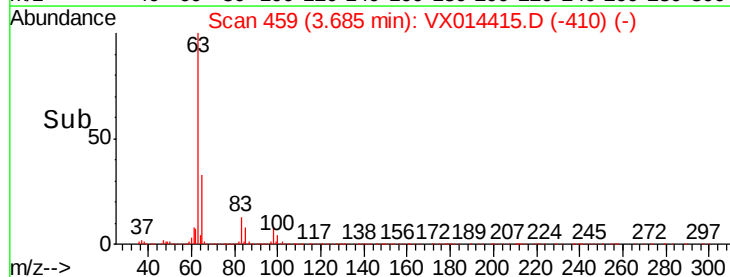
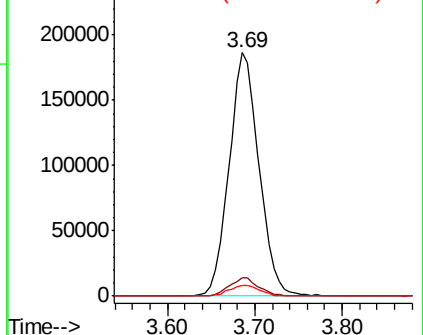
100 4.5 2.3 6.8

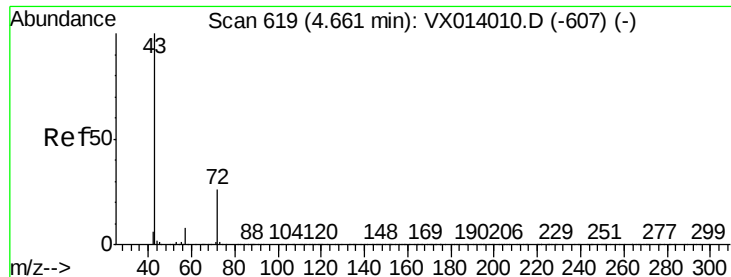


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 230.617 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

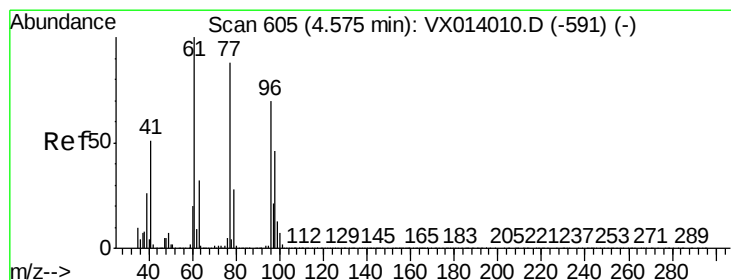
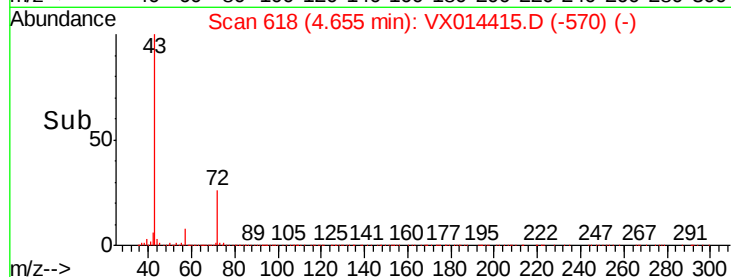
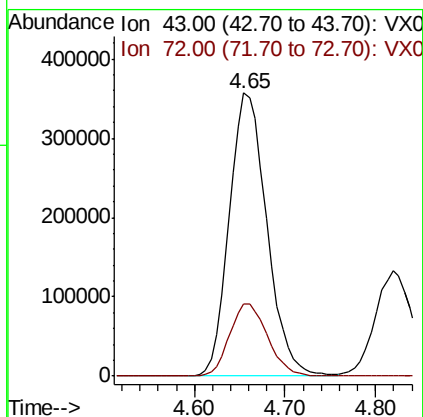
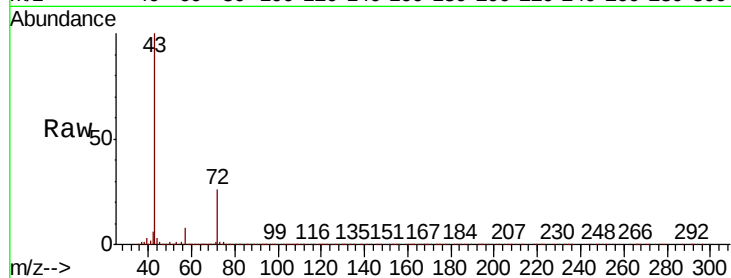
ClientSampled :

Tot Ion: 43 Resp: 1019664

Ion Ratio Lower Upper

43 100

72 25.5 21.0 31.4



#26

2,2-Dichloropropane

Concen: 45.497 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014415.D

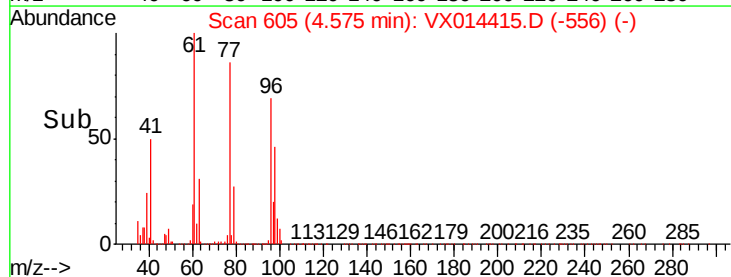
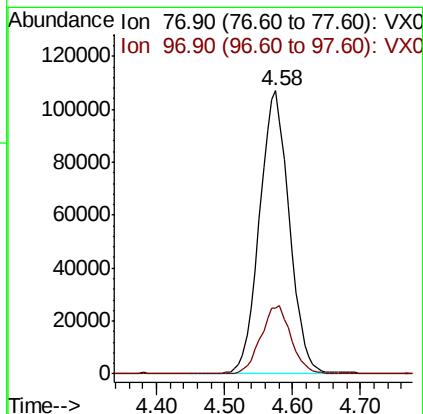
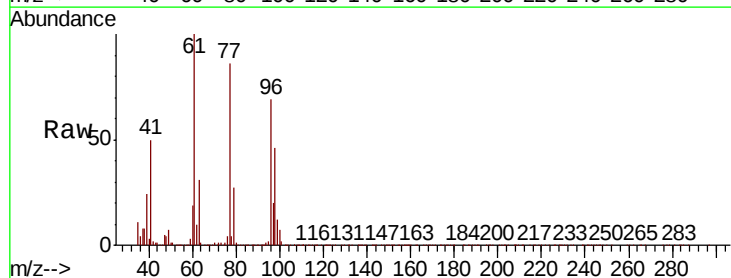
Acq: 03 Jan 2020 20:53

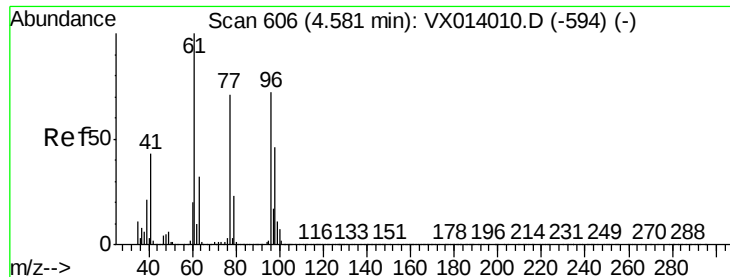
Tgt Ion: 77 Resp: 327848

Ion Ratio Lower Upper

77 100

97 24.5 11.9 35.9



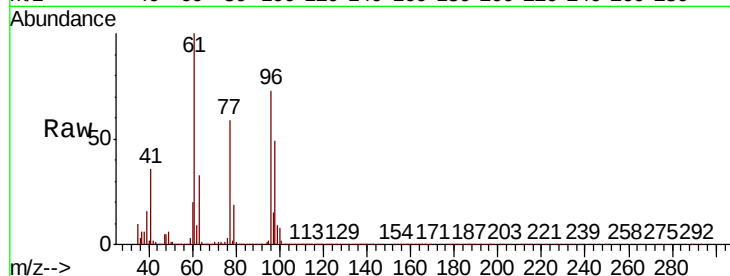


#27

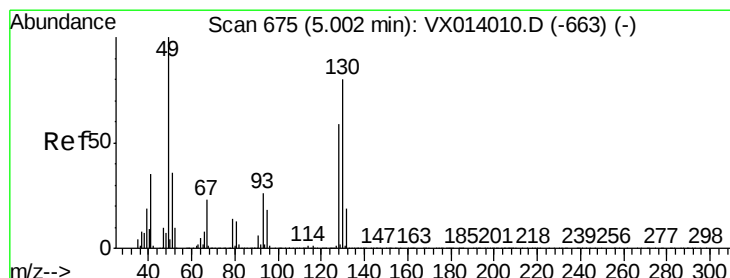
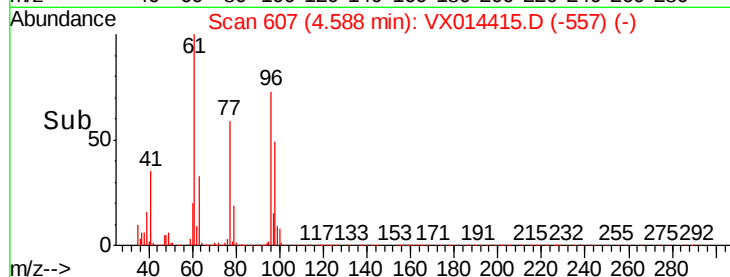
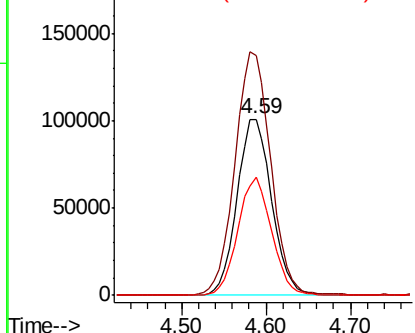
cis-1,2-Dichloroethene
Concen: 47.616 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	288.4
98	65.5	0.0	129.6



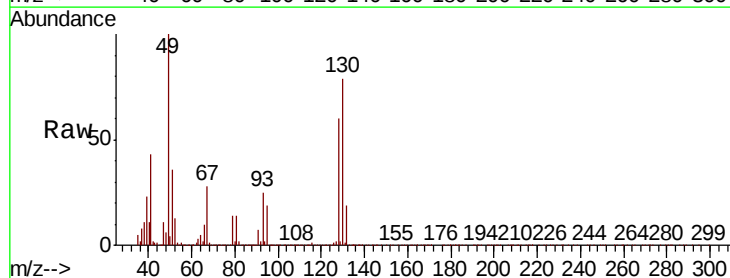
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



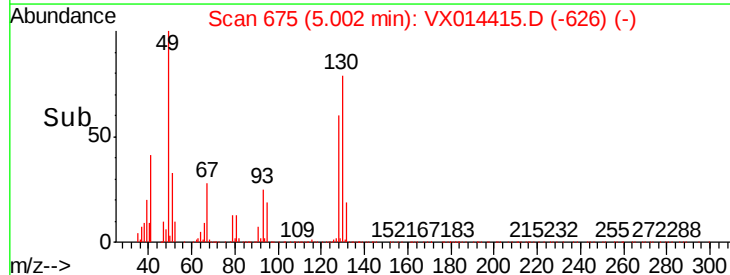
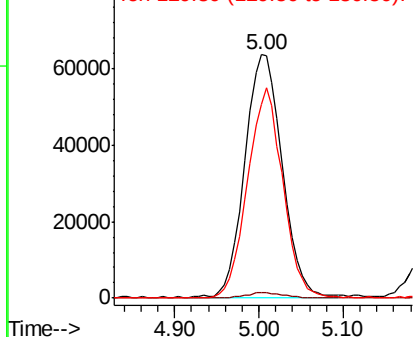
#28

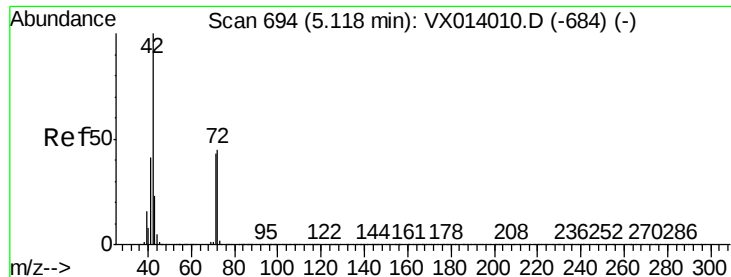
Bromochloromethane
Concen: 53.436 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	81.4	64.6	97.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 261.293 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

ClientSampleId :

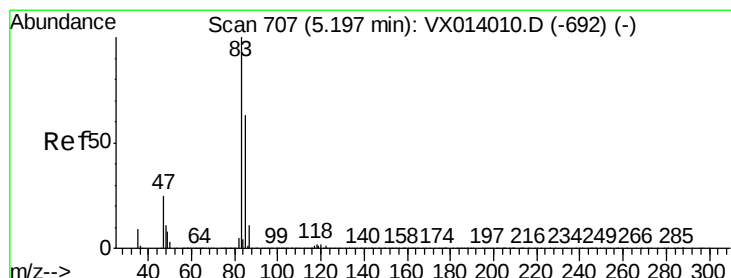
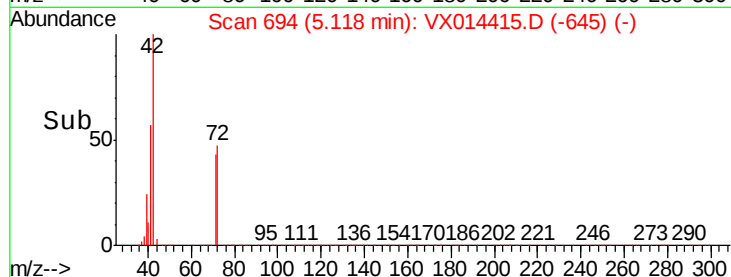
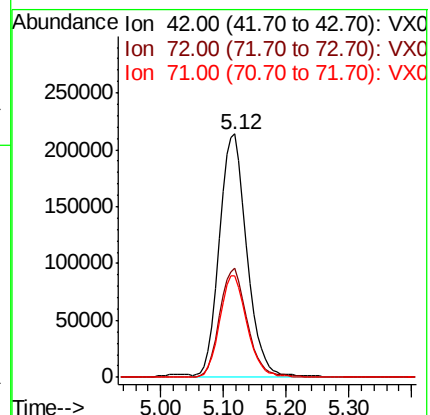
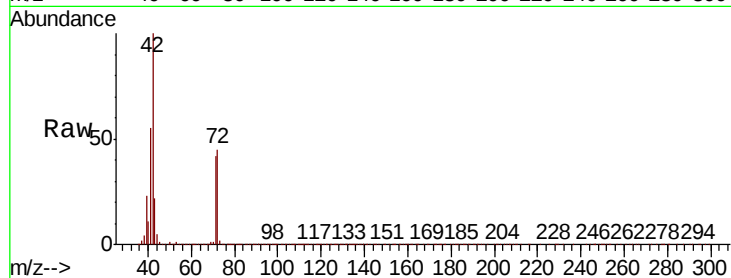
Tot Ion: 42 Resp: 646189

Ion Ratio Lower Upper

42 100

72 44.8 35.8 53.8

71 42.0 33.6 50.4



#30

Chloroform

Concen: 49.498 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX014415.D

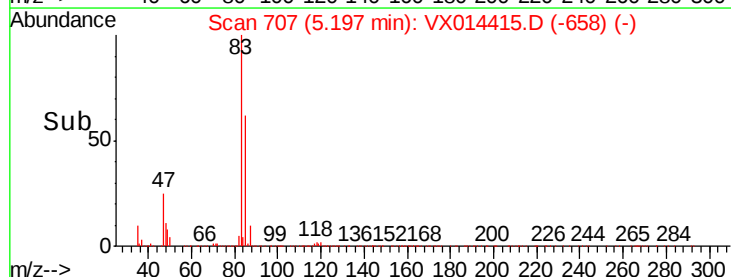
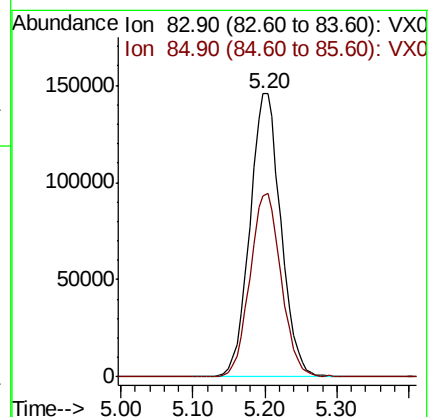
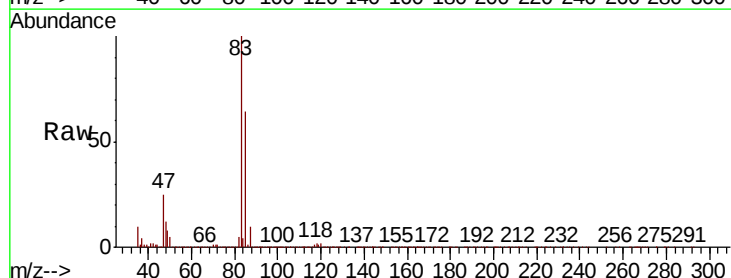
Acq: 03 Jan 2020 20:53

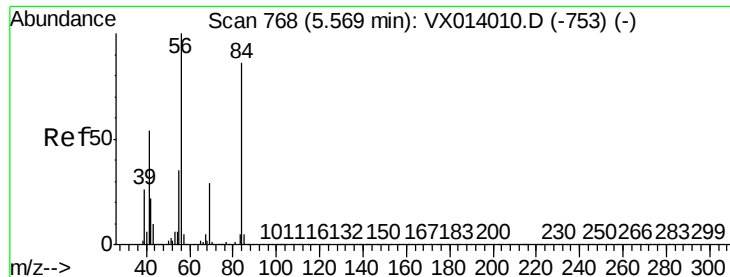
Tgt Ion: 83 Resp: 435497

Ion Ratio Lower Upper

83 100

85 63.8 50.8 76.2

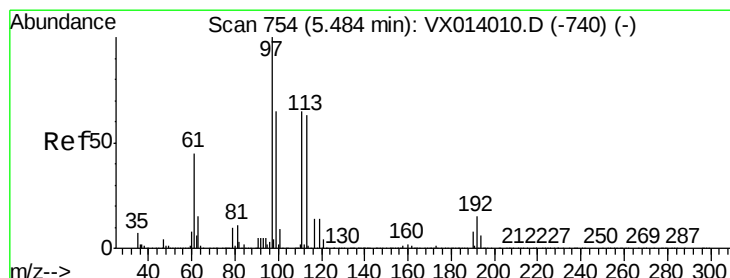
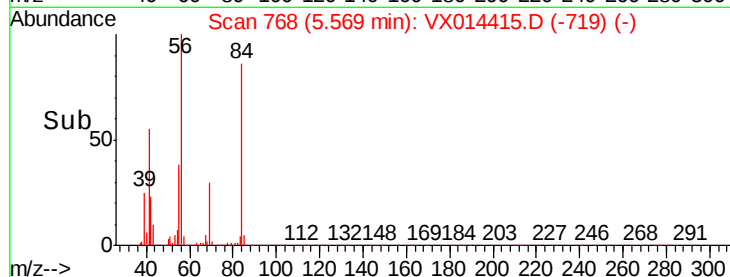
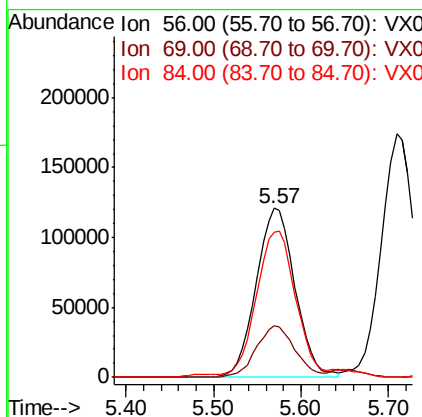
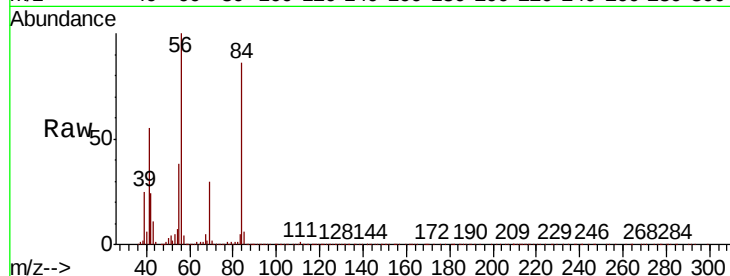




#31
Cyclohexane
Concen: 45.206 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

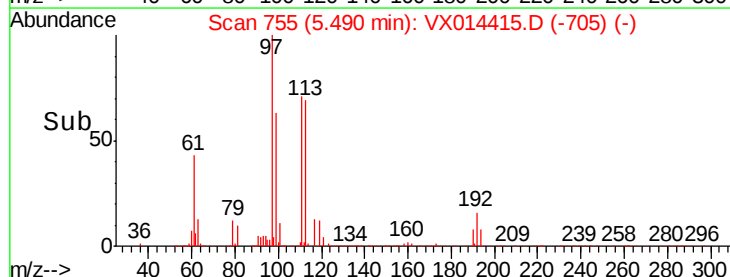
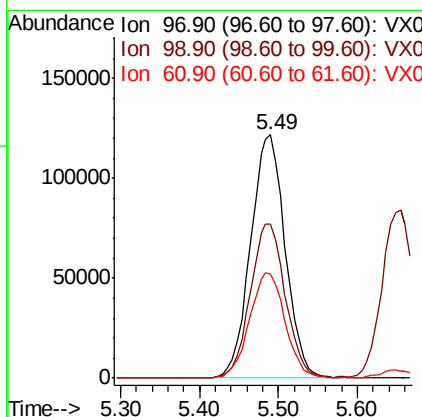
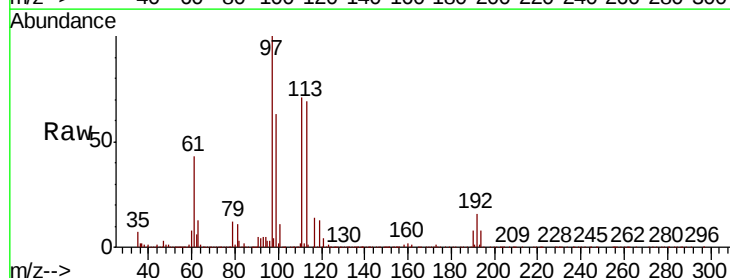
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 373151
Ion Ratio Lower Upper
56 100
69 30.3 23.2 34.8
84 84.6 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 49.351 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion: 97 Resp: 370060
Ion Ratio Lower Upper
97 100
99 64.2 52.0 78.0
61 44.2 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 51.490 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

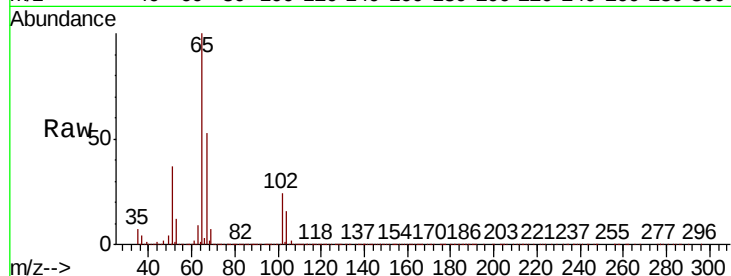
ClientSampleId :

Tot Ion: 65 Resp: 284431

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

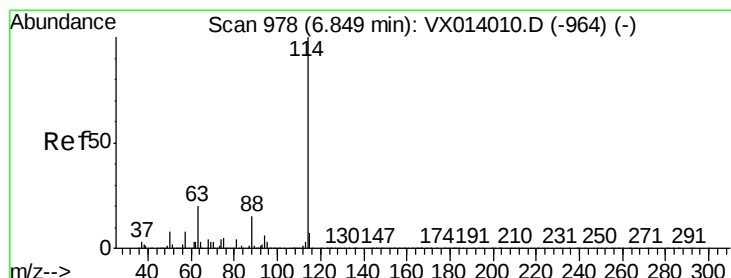
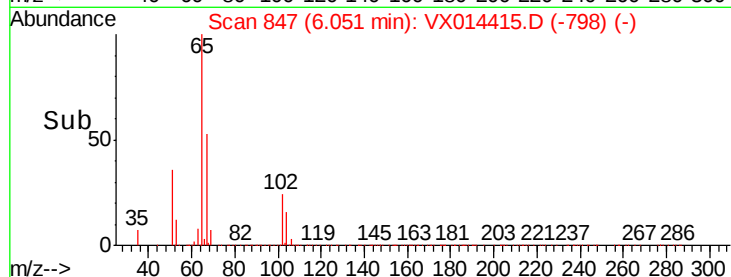
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

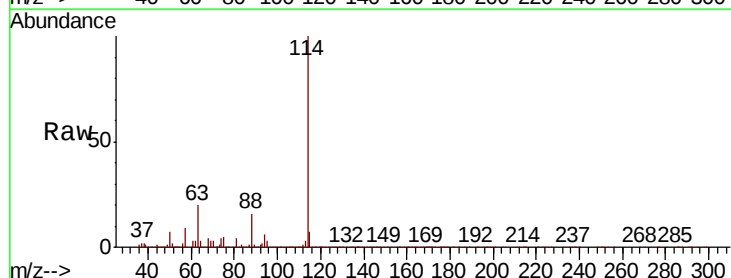
Tgt Ion: 114 Resp: 747500

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 15.9 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

400000

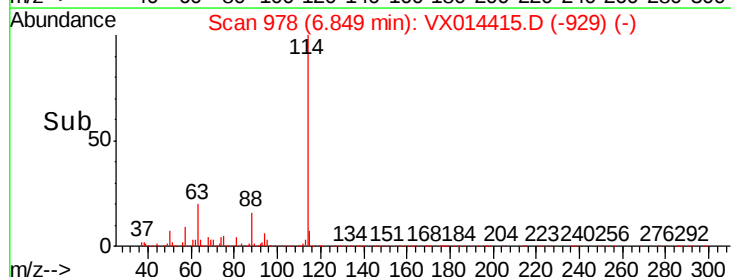
300000

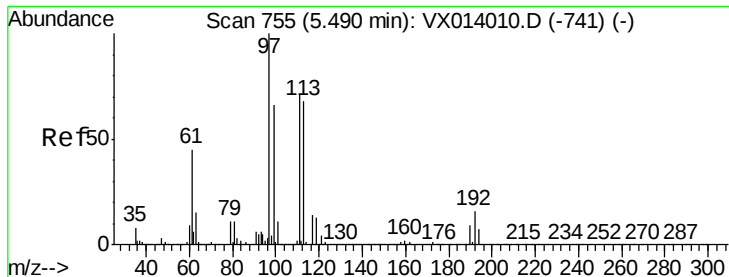
200000

100000

0

Time-->

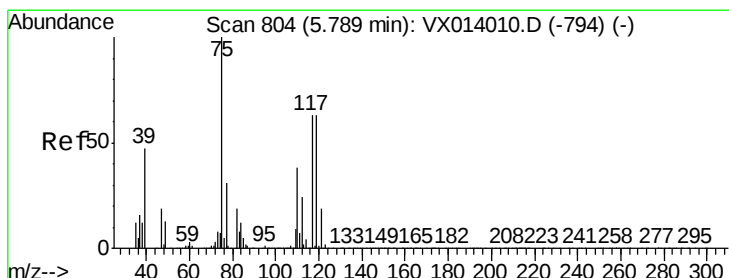
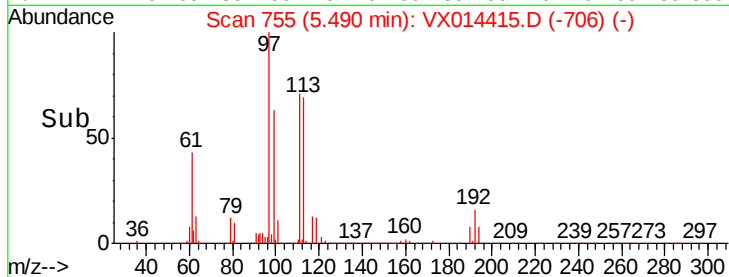
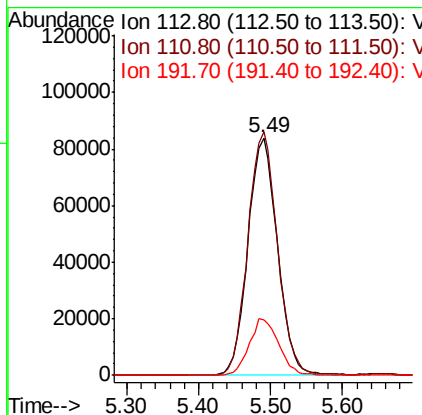
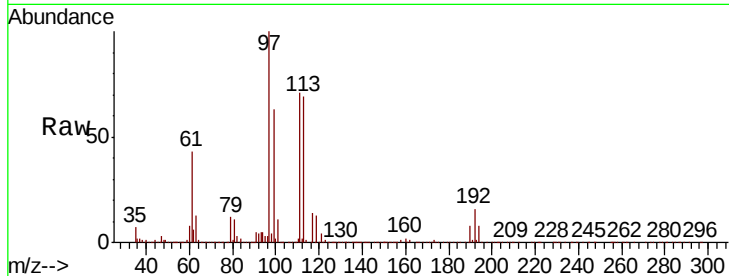




#35
 Dibromofluoromethane
 Concen: 52.476 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

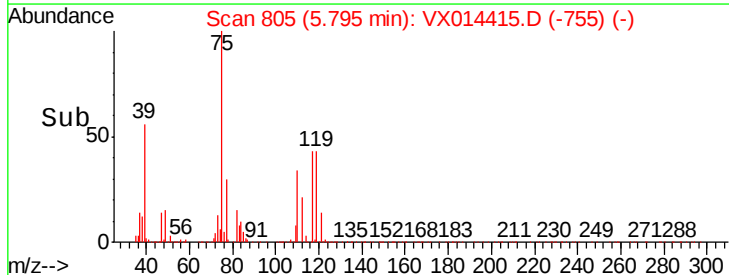
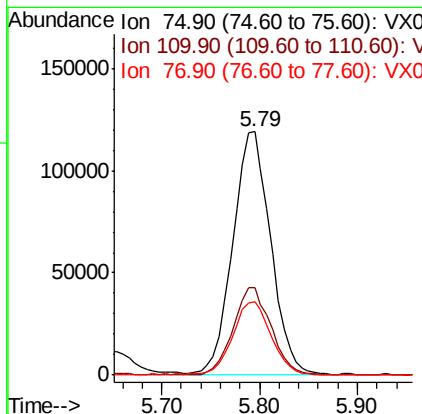
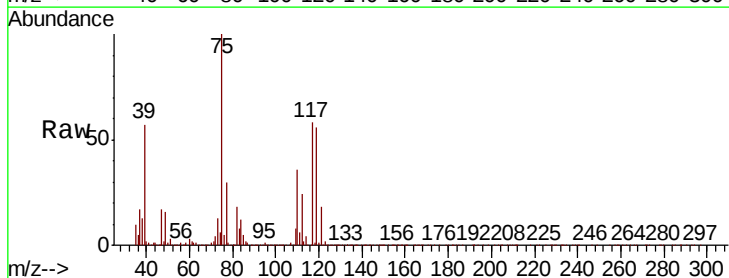
Instrument :
 MSVOA_X
 ClientSampled :

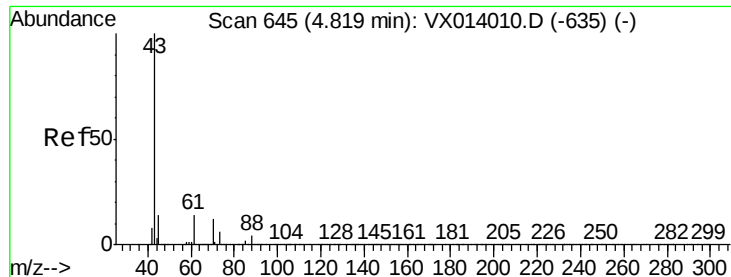
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.0	123.0
192	23.7	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 46.219 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.3	54.9
77	30.3	24.8	37.2

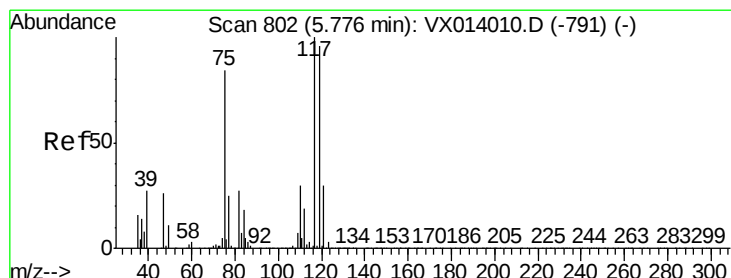
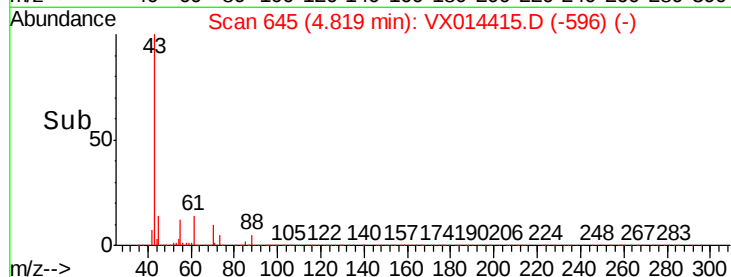
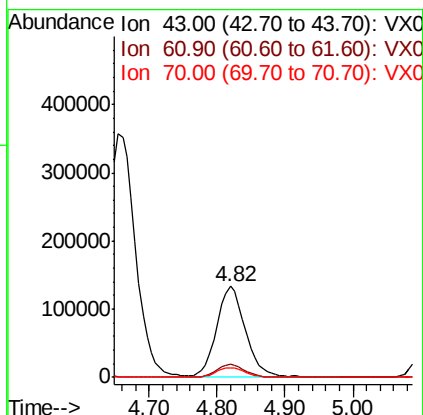
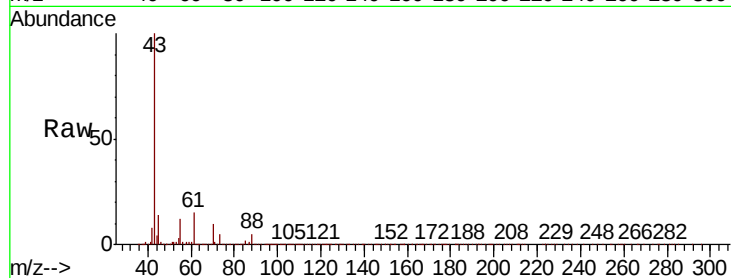




#37
Ethyl Acetate
Concen: 51.226 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

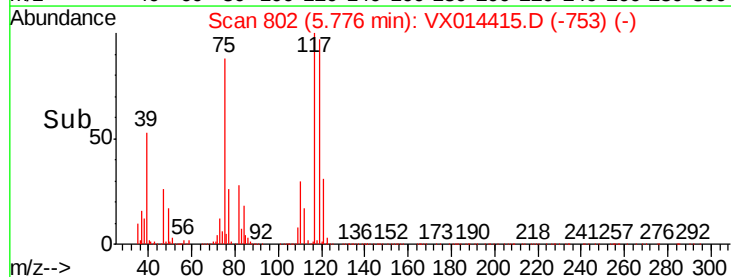
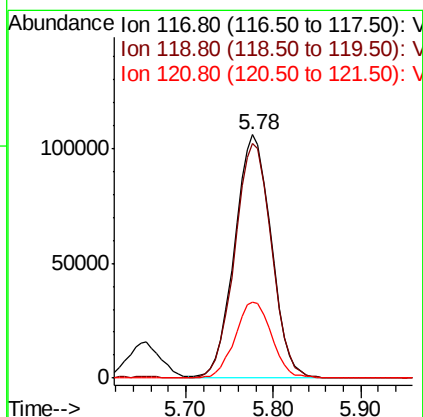
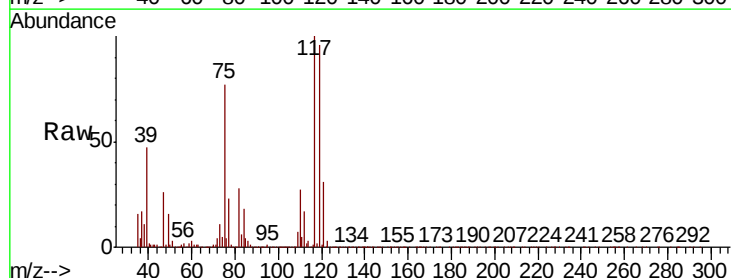
Instrument :
MSVOA_X
ClientSampleId :

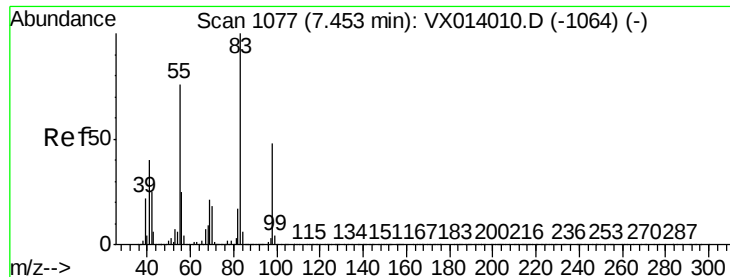
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.8	16.2
70	10.7	8.6	12.8



#38
Carbon Tetrachloride
Concen: 48.978 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.2	114.4
121	31.1	23.6	35.4

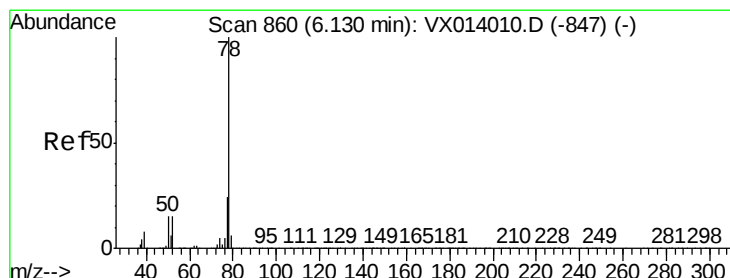
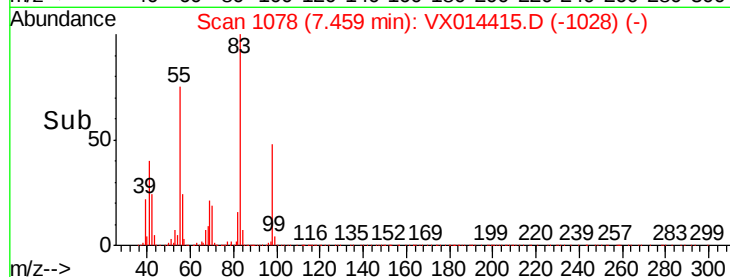
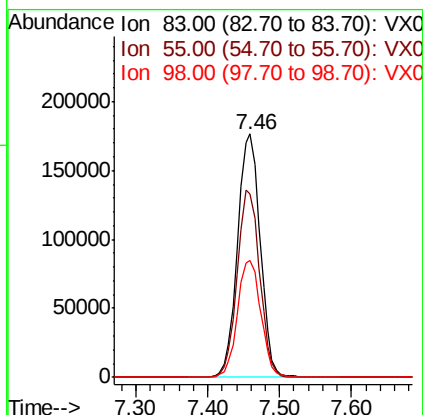
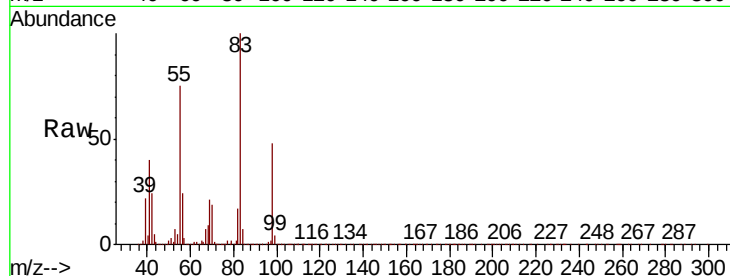




#39
Methylvlcvclohexane
Concen: 45.440 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

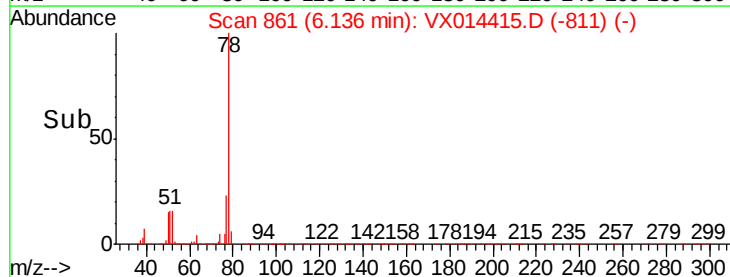
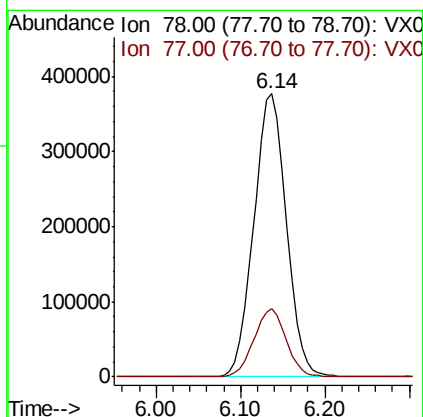
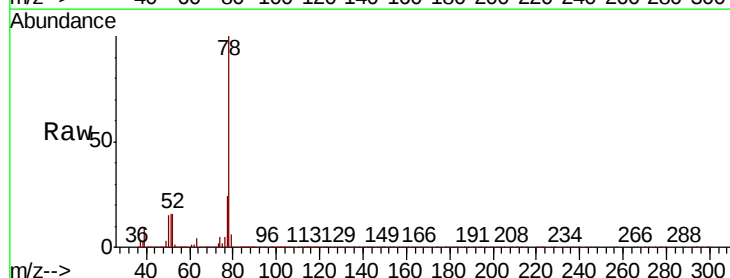
Instrument :
MSVOA_X
ClientSampleId :

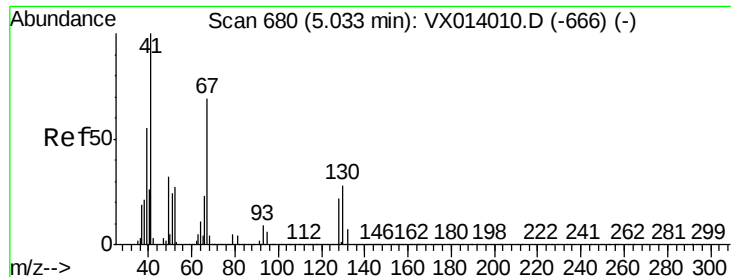
Tot Ion	83.00	Resp	384828
Ion	Ratio	Lower	Upper
83	100		
55	75.2	61.0	91.6
98	48.1	38.6	57.8



#40
Benzene
Concen: 47.210 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion	78.00	Resp	996308
Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2





#41

Methacrylonitrile

Concen: 51.542 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 216601

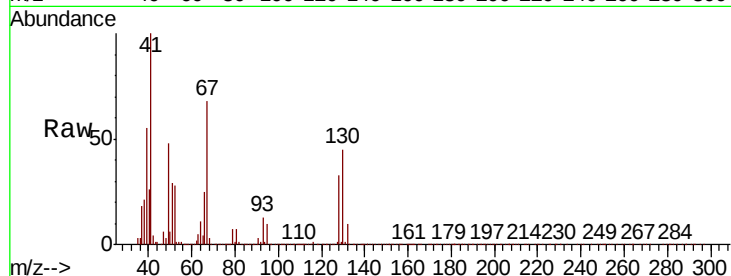
Ion Ratio Lower Upper

41 100

39 53.8 44.5 66.7

67 71.7 57.4 86.0

52 29.0 23.0 34.4

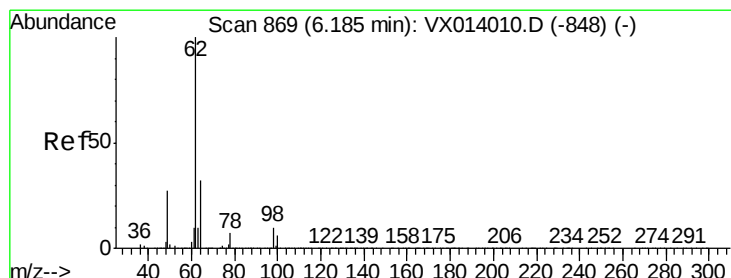
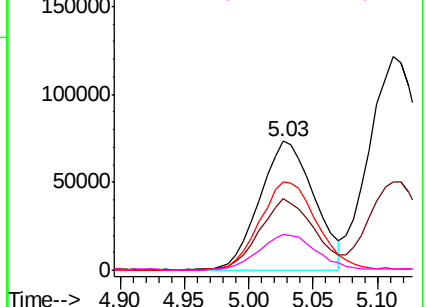
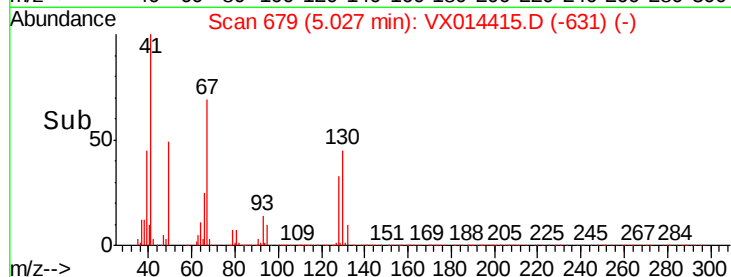


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.614 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX014415.D

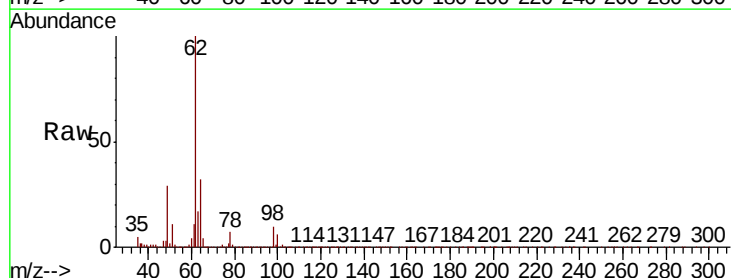
Acq: 03 Jan 2020 20:53

Tgt Ion: 62 Resp: 347765

Ion Ratio Lower Upper

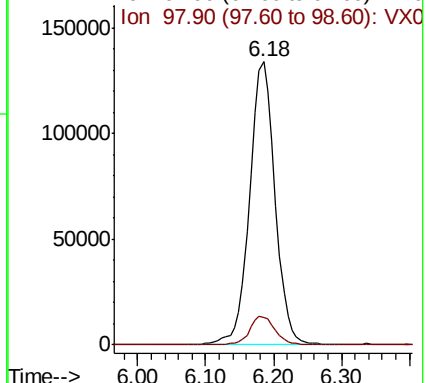
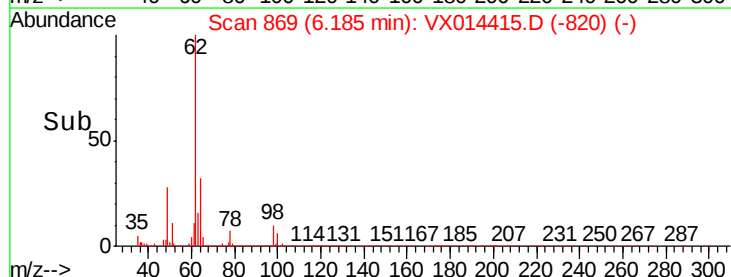
62 100

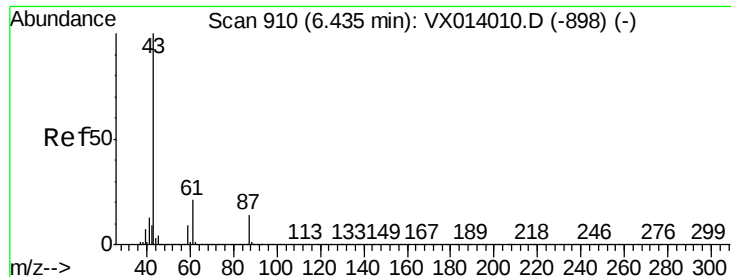
98 10.4 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



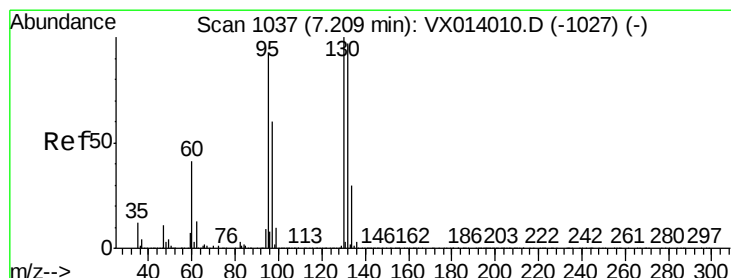
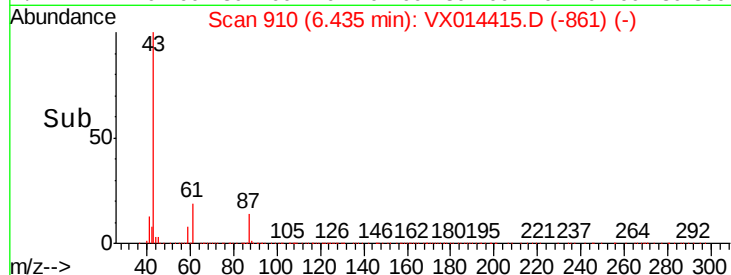
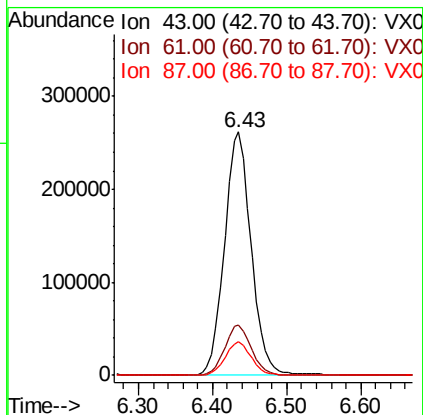
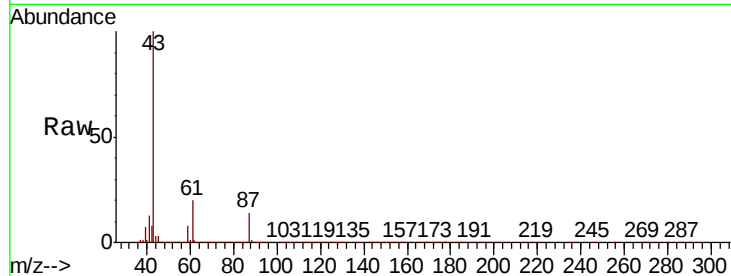


#43

Isopropyl Acetate
 Concen: 51.835 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Instrument :
 MSVOA_X
 ClientSampleId :

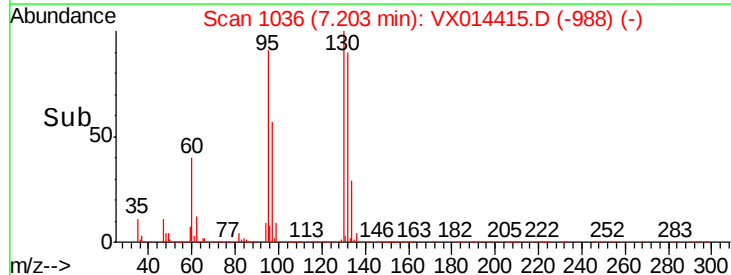
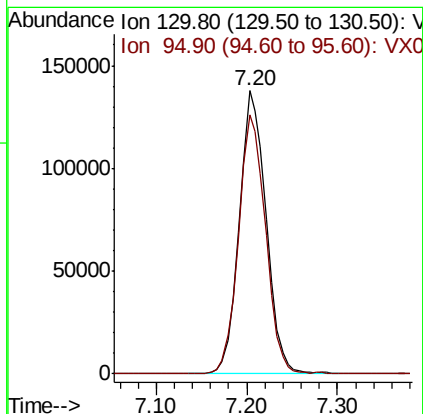
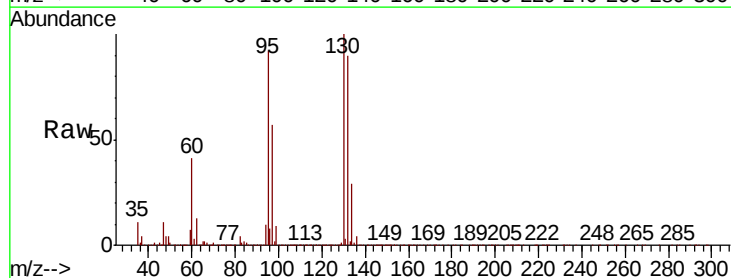
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.4	24.6
87	13.5	10.7	16.1



#44

Trichloroethene
 Concen: 48.510 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	185.6





#45

1,2-Dichloropropane

Concen: 50.253 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

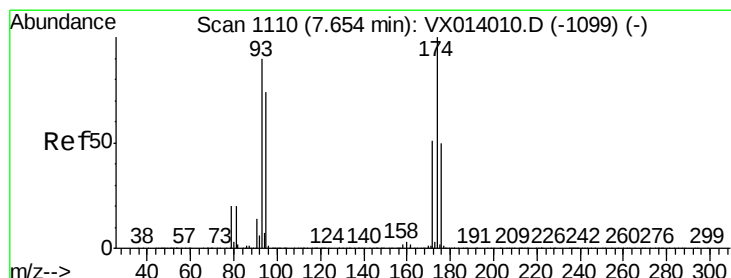
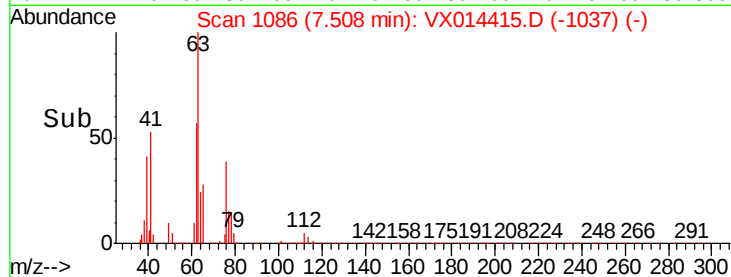
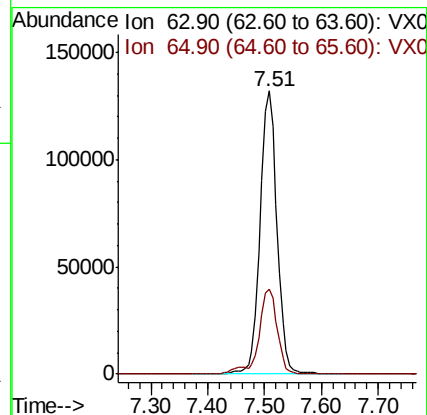
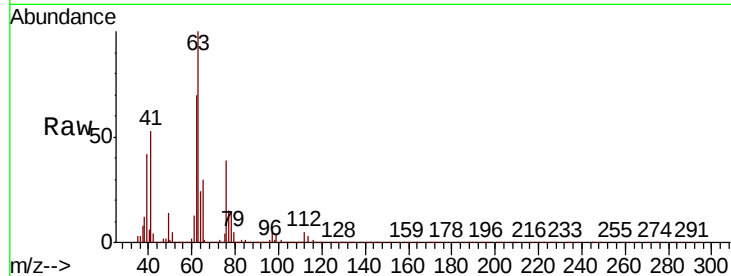
ClientSampled :

Tot Ion: 63 Resp: 271822

Ion Ratio Lower Upper

63 100

65 30.0 25.8 38.8



#46

Dibromomethane

Concen: 47.555 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

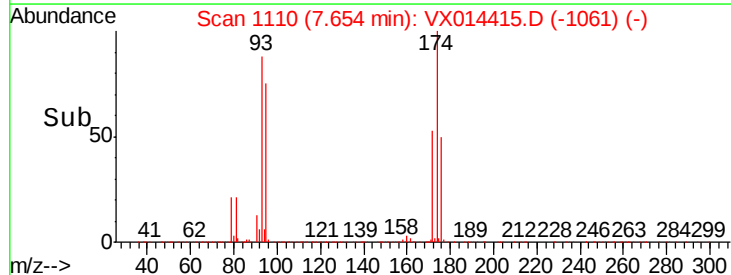
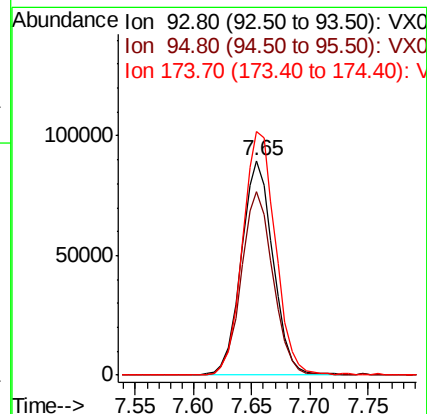
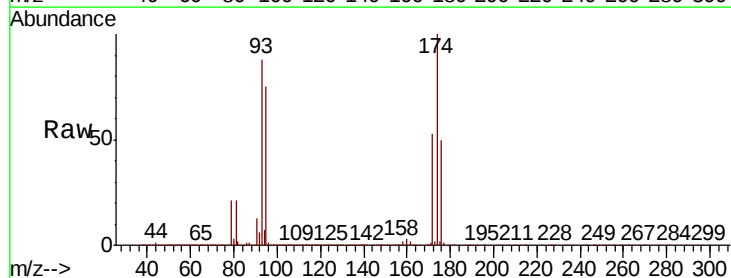
Tgt Ion: 93 Resp: 170064

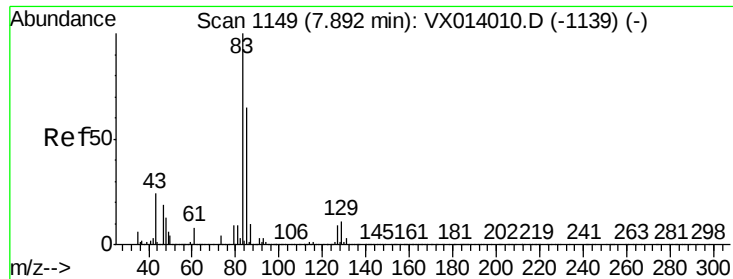
Ion Ratio Lower Upper

93 100

95 85.7 67.3 100.9

174 117.9 91.6 137.4

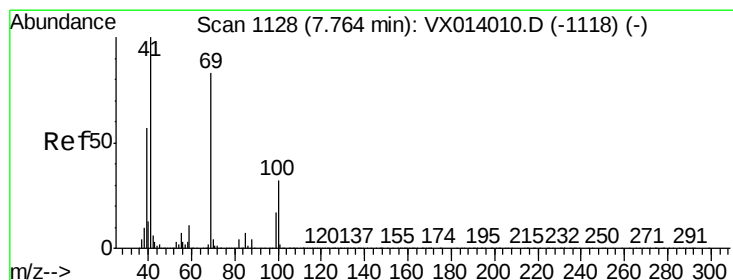
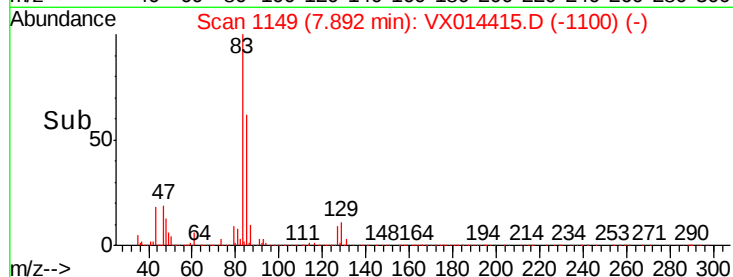
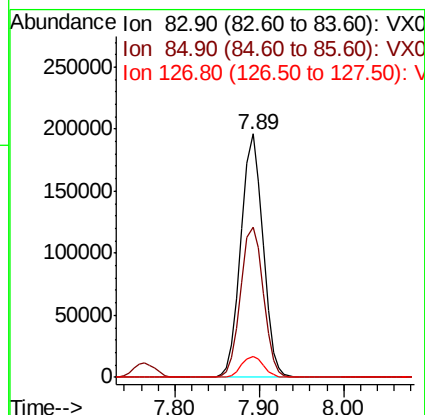
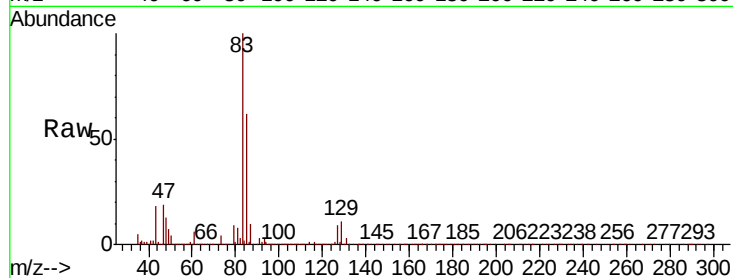




#47
Bromodichloromethane
Concen: 51.082 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

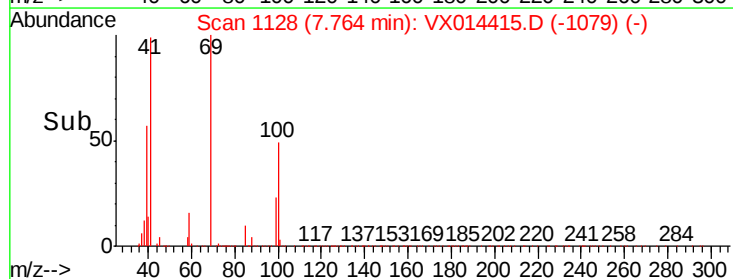
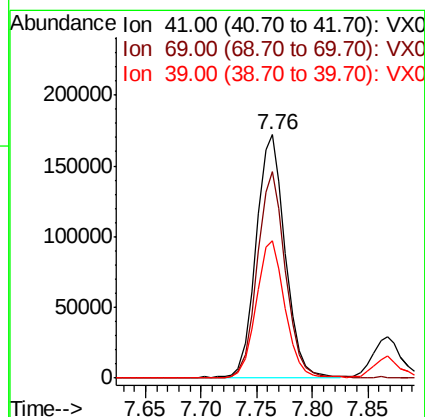
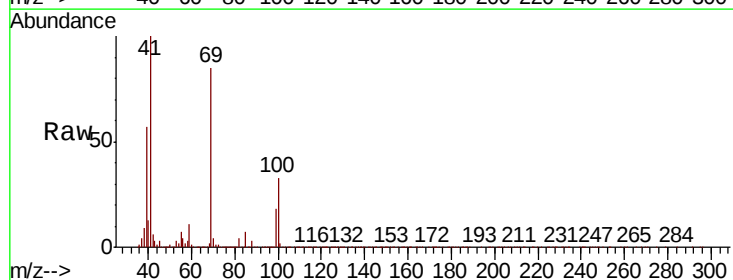
Instrument :
MSVOA_X
ClientSampleId :

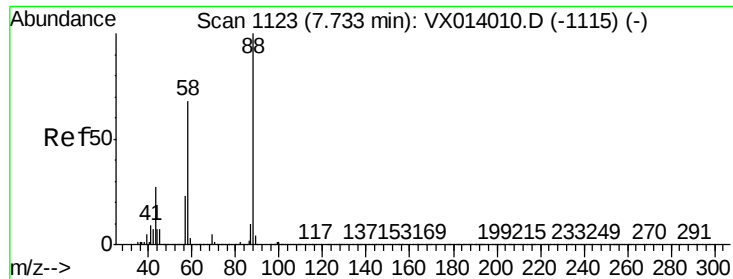
Tot Ion	83	Resp	344045
Ion Ratio	100		
Lower	51.8		
Upper	77.8		
85	61.8		
127	8.7		
	7.0		
	10.4		



#48
Methyl methacrylate
Concen: 50.685 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion	41	Resp	311095
Ion Ratio	100		
Lower	65.8		
Upper	98.6		
69	82.6		
39	55.7		
	44.6		
	67.0		

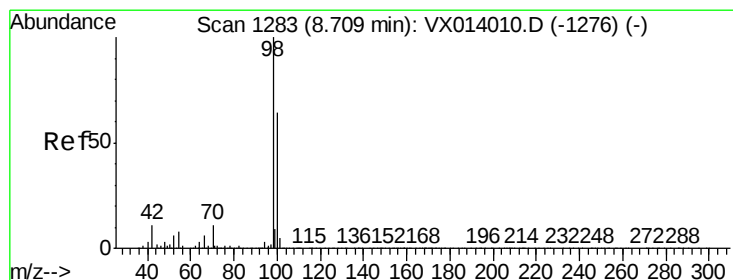
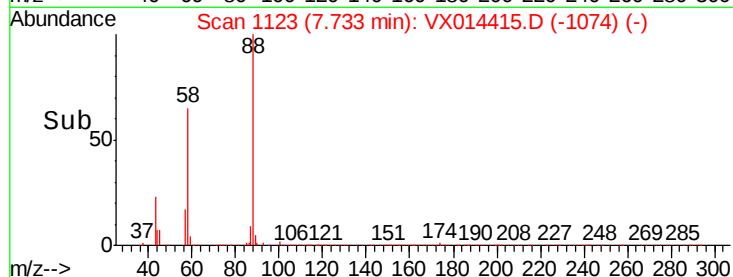
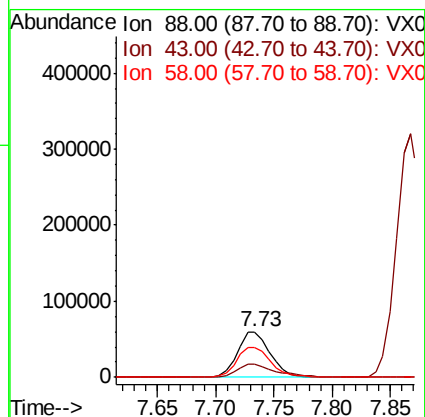
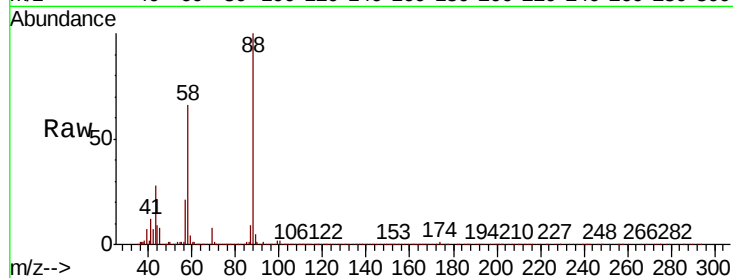




#49
1,4-Dioxane
Concen: 940.240 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

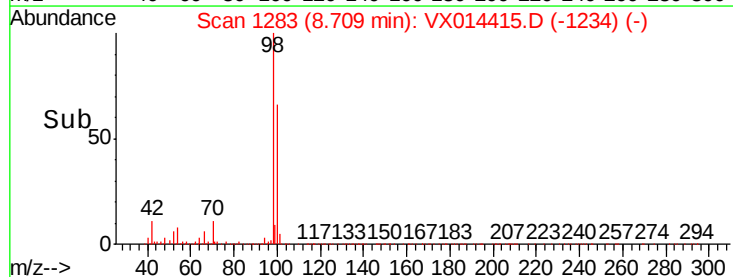
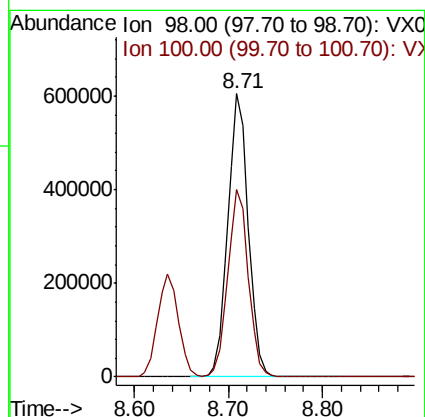
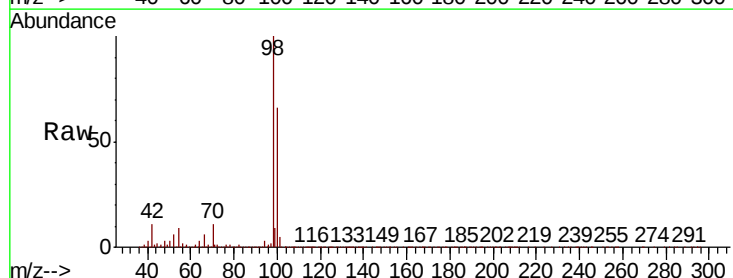
Instrument :
MSVOA_X
ClientSampleId :

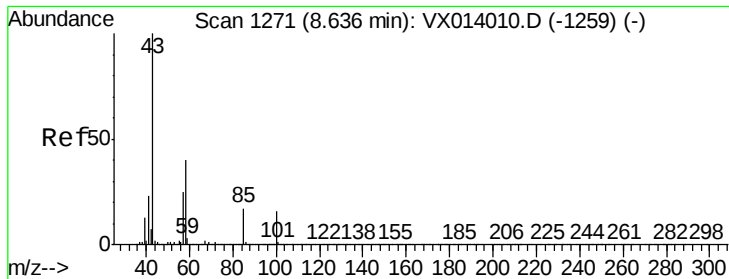
Tot Ion: 88 Resp: 117442
Ion Ratio Lower Upper
88 100
43 33.1 26.5 39.7
58 69.3 56.8 85.2



#50
Toluene-d8
Concen: 51.346 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion: 98 Resp: 908358
Ion Ratio Lower Upper
98 100
100 66.6 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 255.579 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

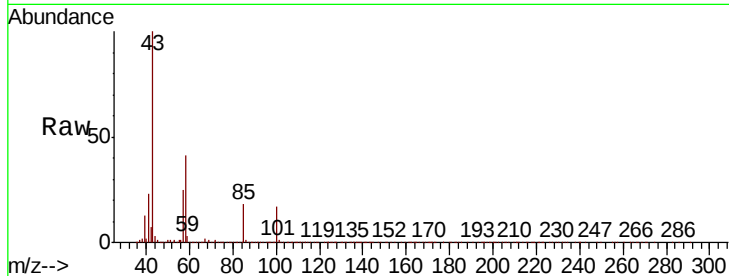
ClientSampled :

Tot Ion: 43 Resp: 2011901

Ion Ratio Lower Upper

43 100

58 40.2 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

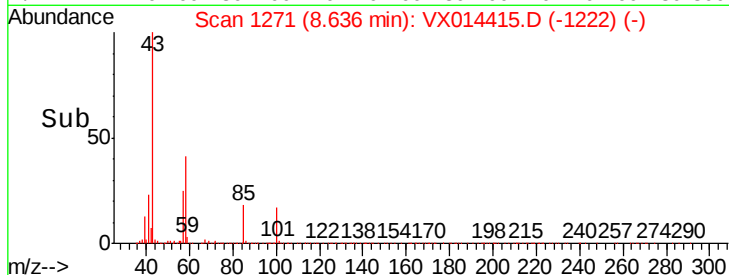
1500000

1000000

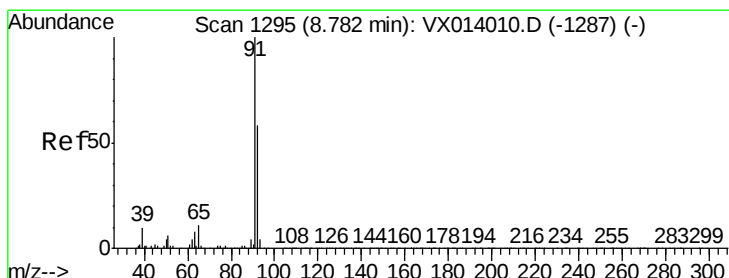
500000

0

8.55 8.60 8.65 8.70



Time-->



#52

Toluene

Concen: 47.931 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014415.D

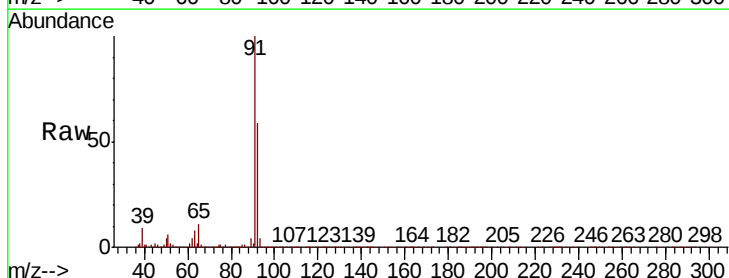
Acq: 03 Jan 2020 20:53

Tgt Ion: 92 Resp: 639340

Ion Ratio Lower Upper

92 100

91 168.7 136.2 204.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

800000

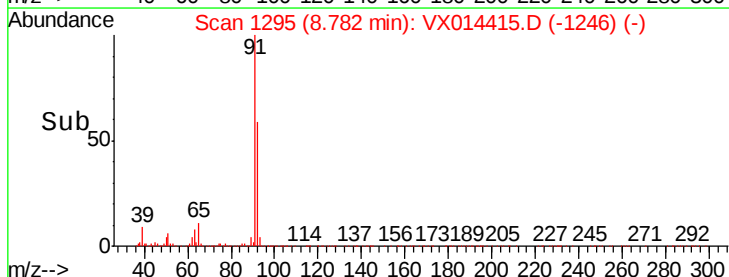
600000

400000

200000

0

8.70 8.75 8.80 8.85 8.90



Time-->



#53

t-1,3-Dichloropropene

Concen: 51.314 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

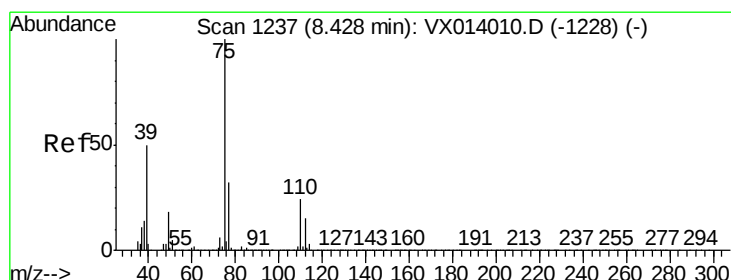
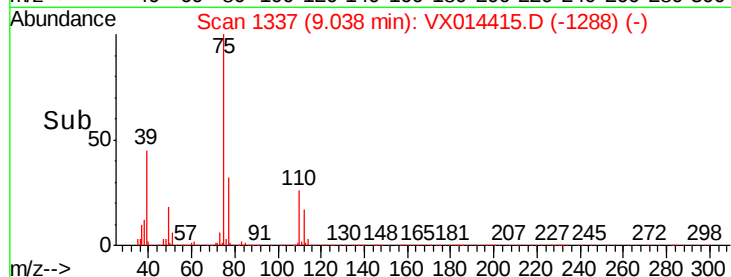
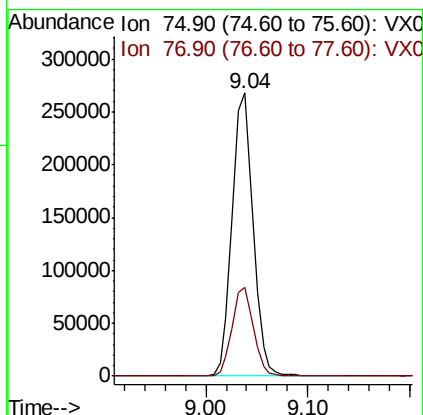
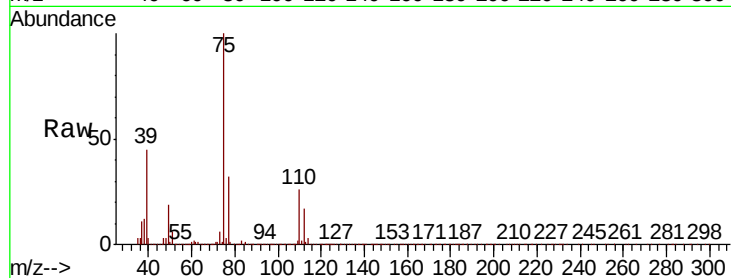
ClientSampleId :

Tot Ion: 75 Resp: 378960

Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 51.317 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

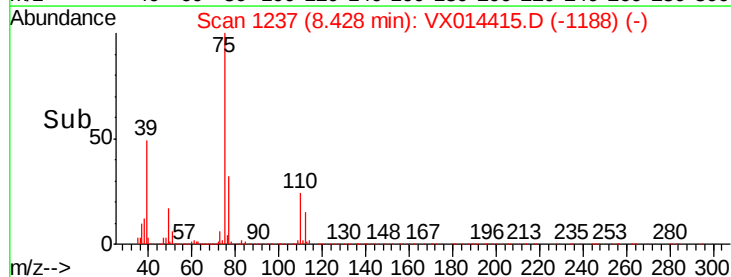
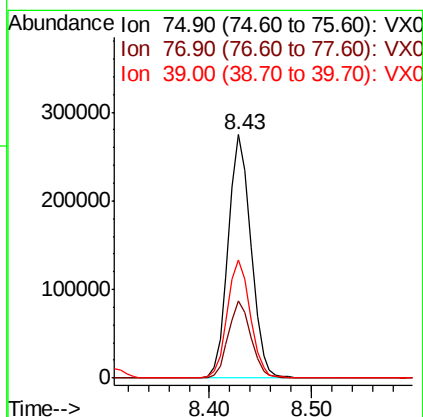
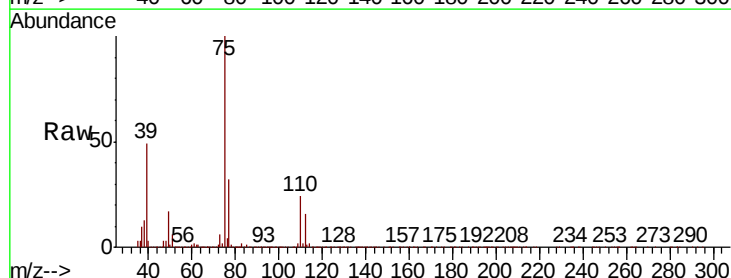
Tgt Ion: 75 Resp: 422212

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

39 48.5 39.9 59.9

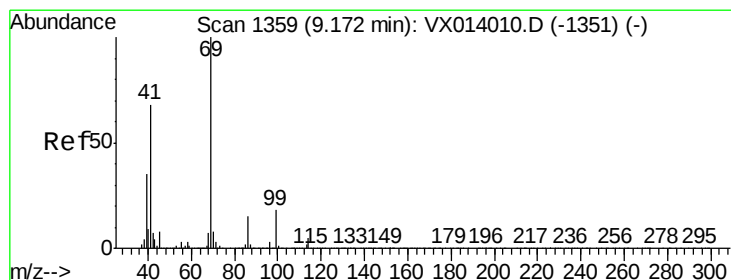
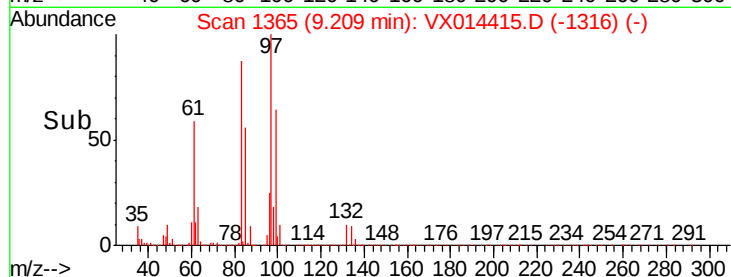
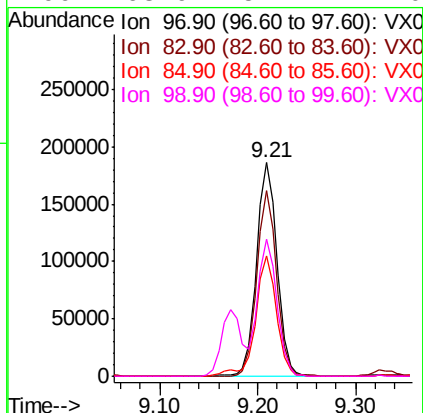
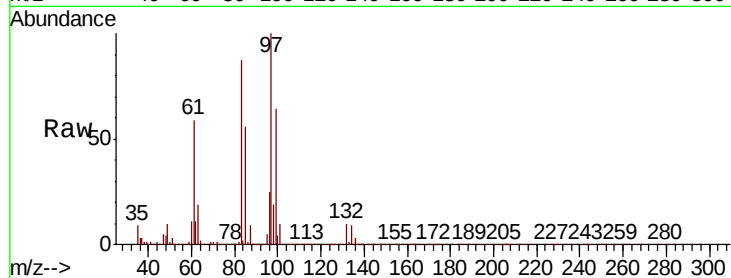




#55
 1,1,2-Trichloroethane
 Concen: 50.702 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

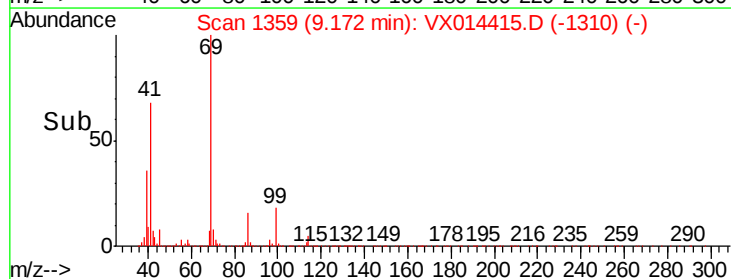
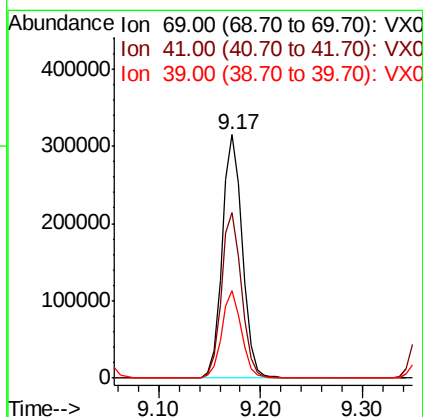
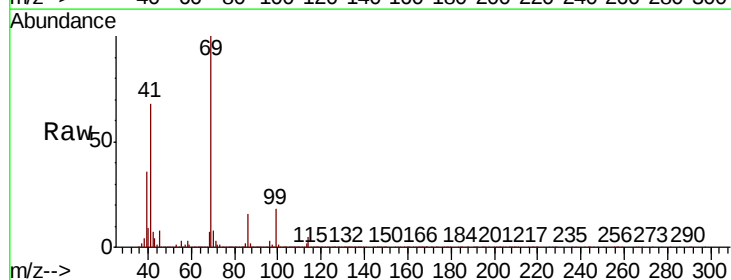
Instrument :
 MSVOA_X
 ClientSampled :

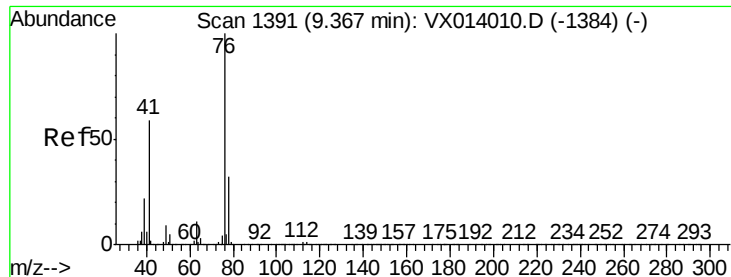
Tot Ion:	97	Resp:	271060
Ion	Ratio	Lower	Upper
97	100		
83	86.8	68.2	102.4
85	56.1	44.6	66.8
99	63.9	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 51.483 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Tgt Ion:	69	Resp:	432345
Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.8	82.2
39	35.3	28.3	42.5





#57

1,3-Dichloropropane

Concen: 50.159 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

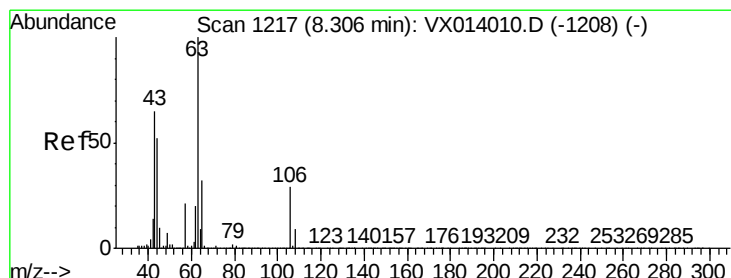
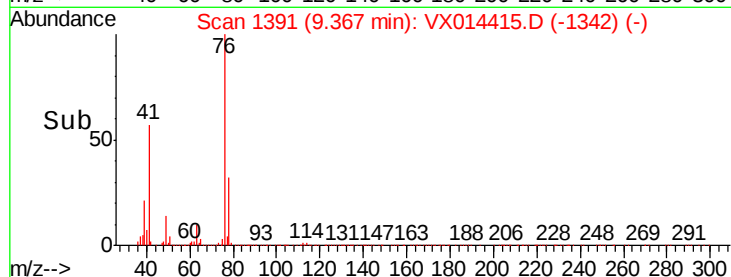
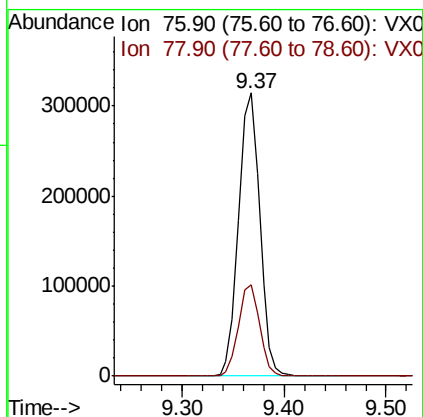
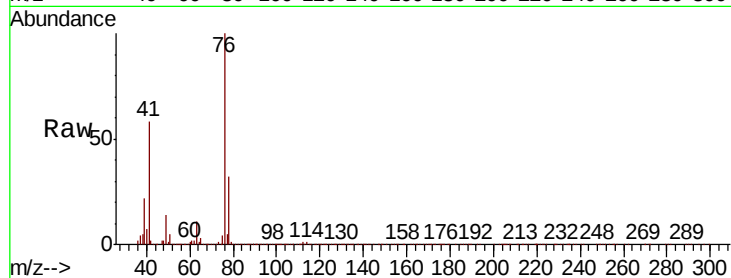
ClientSampleId :

Tot Ion: 76 Resp: 451170

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 266.597 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014415.D

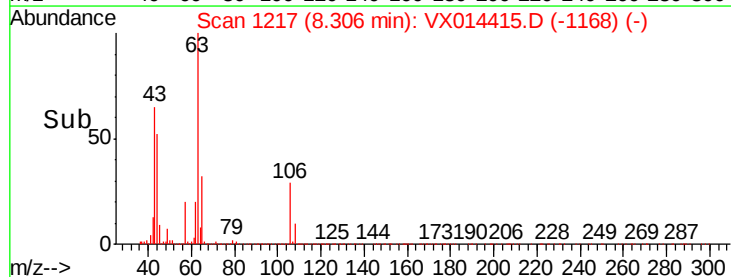
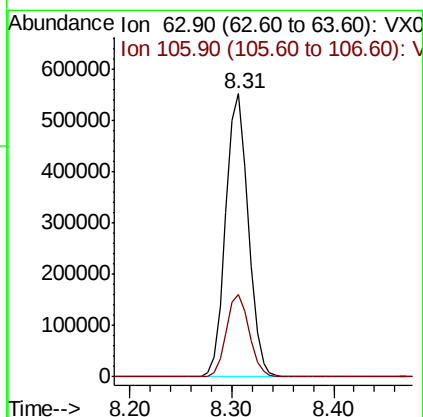
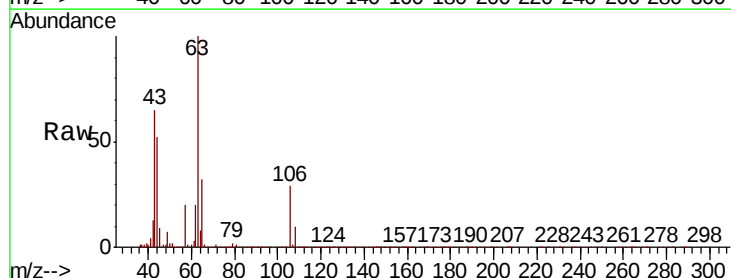
Acq: 03 Jan 2020 20:53

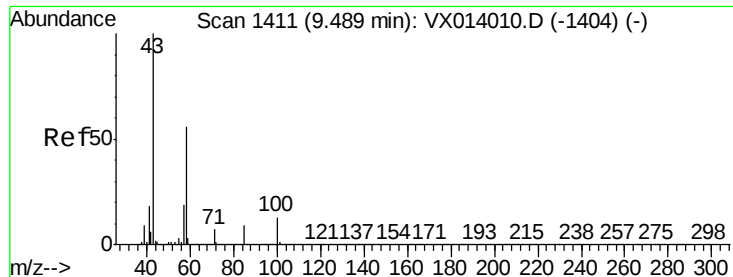
Tgt Ion: 63 Resp: 847255

Ion Ratio Lower Upper

63 100

106 29.3 23.0 34.6

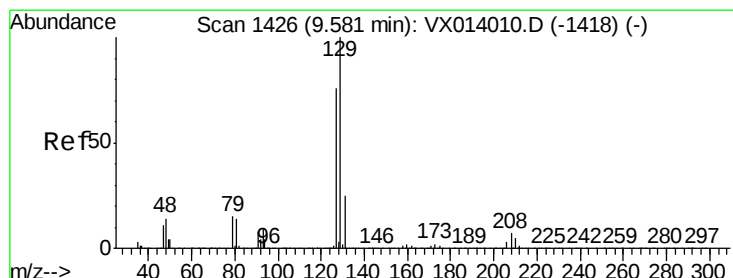
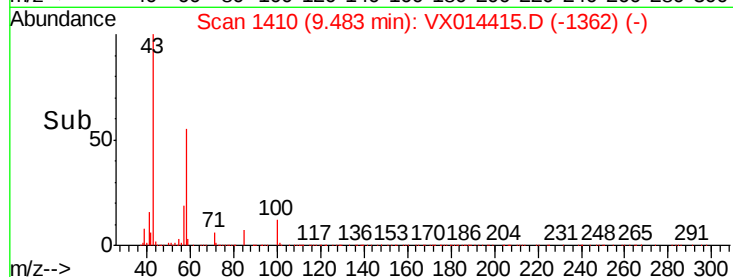
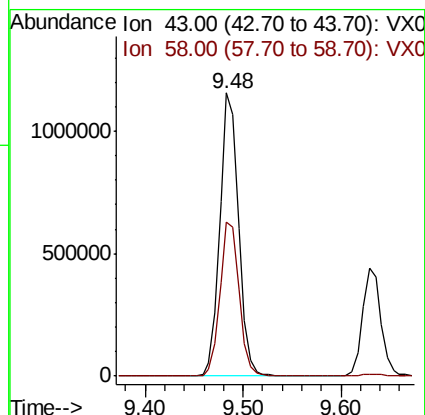
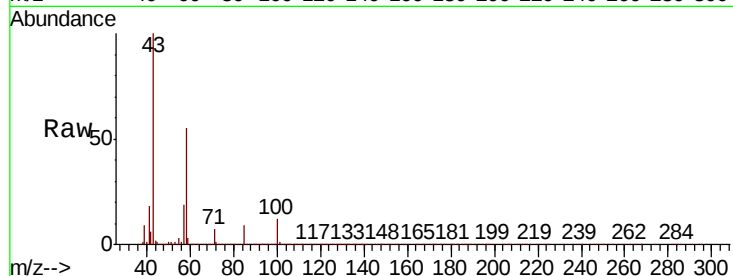




#59
2-Hexanone
Concen: 242.674 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

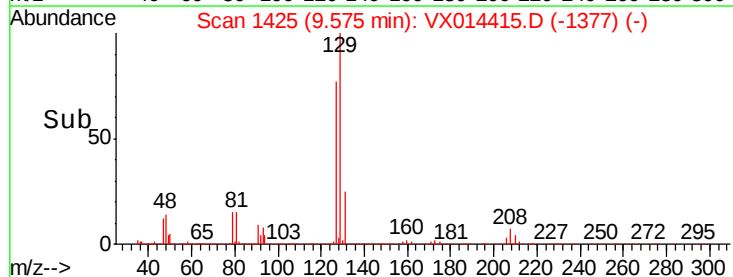
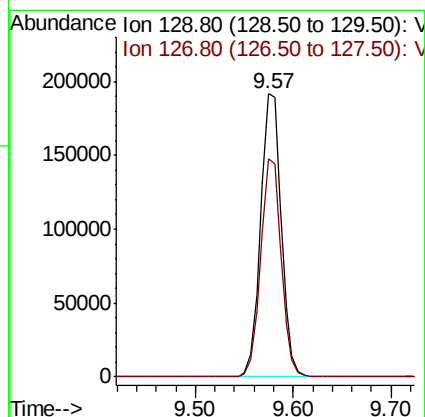
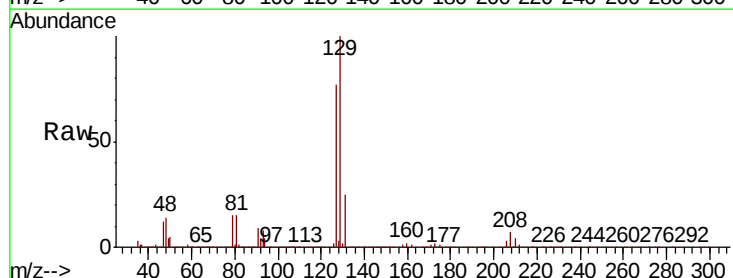
Instrument :
MSVOA_X
ClientSampleId :

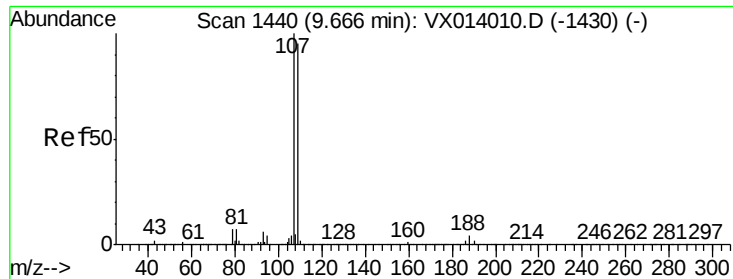
Tot Ion: 43 Resp: 1537807
Ion Ratio Lower Upper
43 100
58 55.7 28.0 84.0



#60
Dibromochloromethane
Concen: 53.171 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion:129 Resp: 282551
Ion Ratio Lower Upper
129 100
127 76.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.397 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

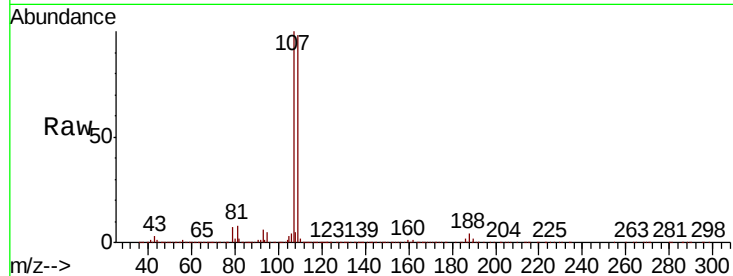
ClientSampleId :

Tot Ion:107 Resp: 275668

Ion Ratio Lower Upper

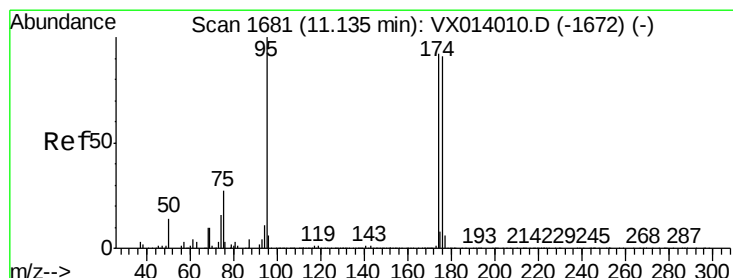
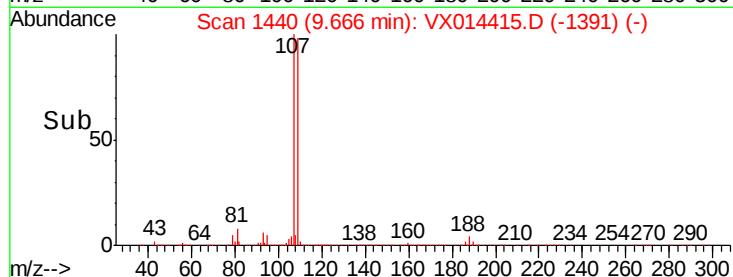
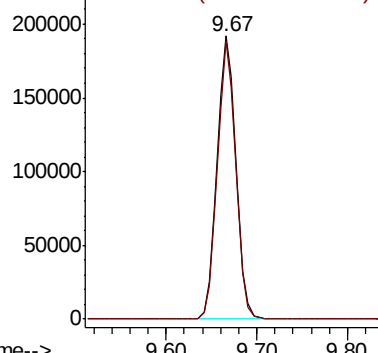
107 100

109 95.6 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.754 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

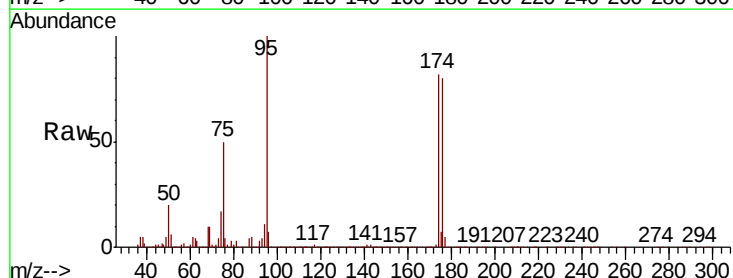
Tgt Ion: 95 Resp: 328217

Ion Ratio Lower Upper

95 100

174 89.5 0.0 175.8

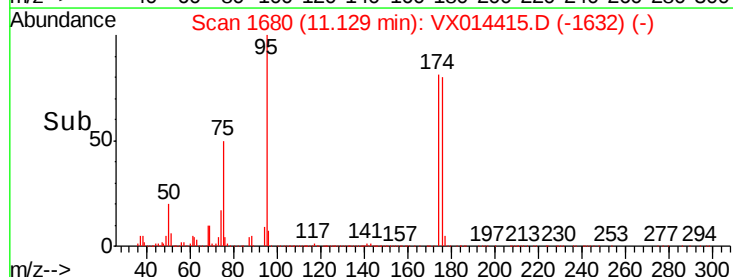
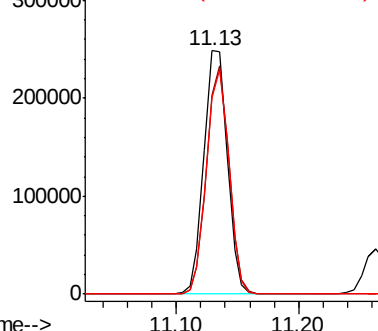
176 89.1 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

ClientSampleId :

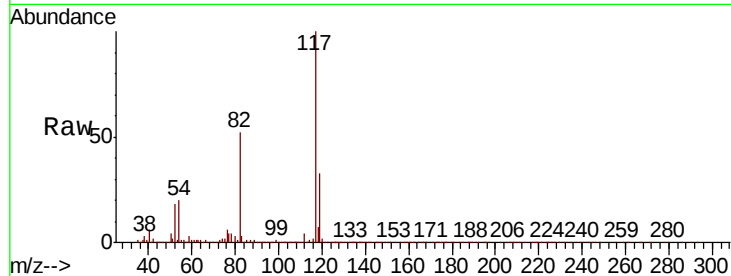
Tot Ion:117 Resp: 674416

Ion Ratio Lower Upper

117 100

82 52.2 42.2 63.4

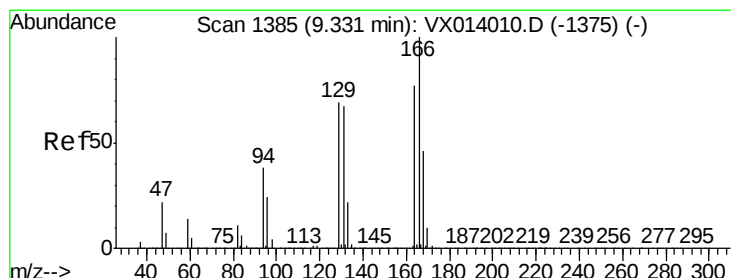
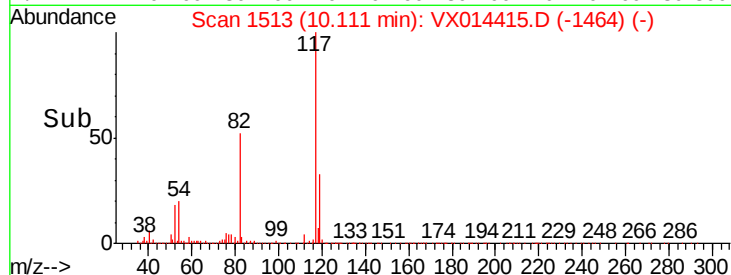
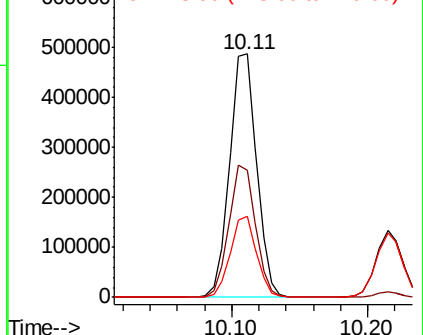
119 33.3 25.1 37.7



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: 61.007 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Tgt Ion:164 Resp: 364074

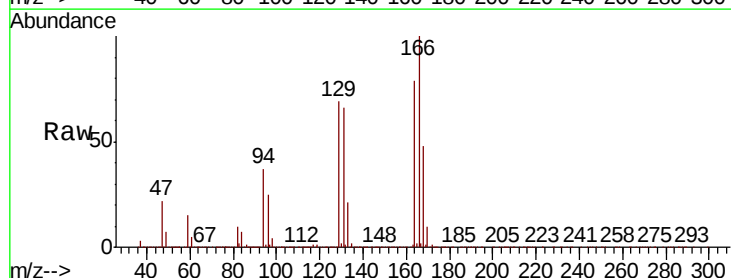
Ion Ratio Lower Upper

164 100

166 126.5 104.0 156.0

129 86.8 72.2 108.4

131 84.0 69.6 104.4

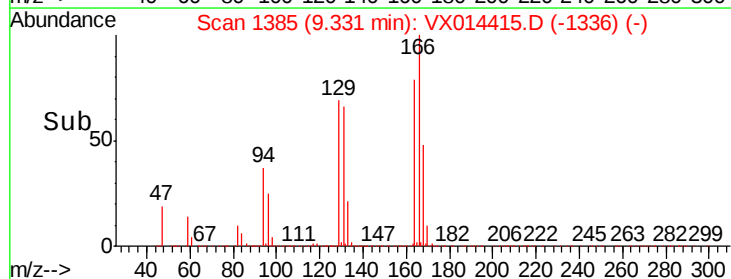
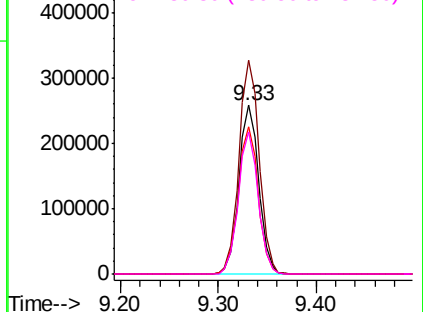


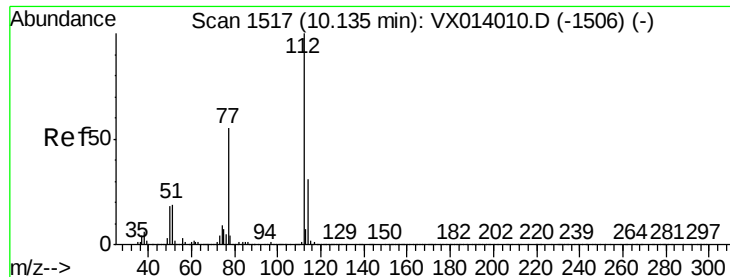
Abundance Ion 163.80 (163.50 to 164.50): V

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

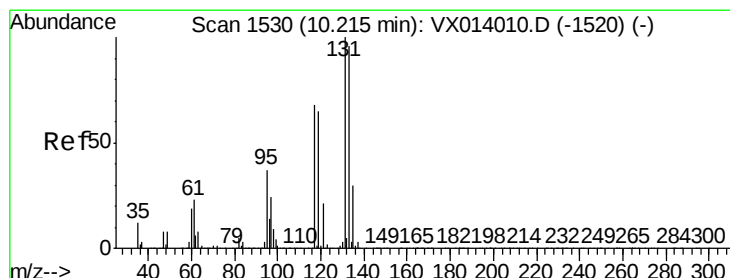
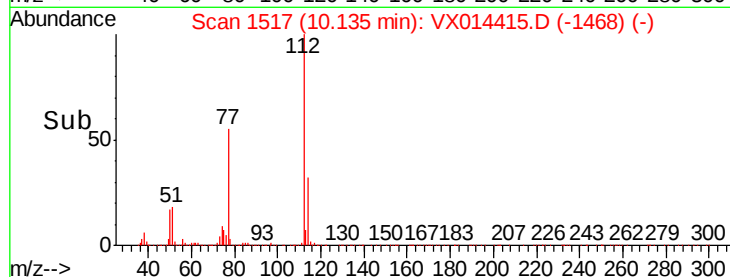
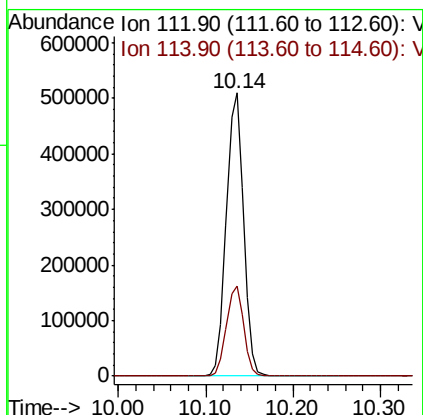
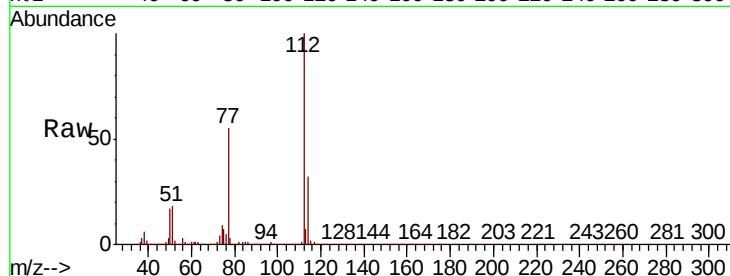




#65
Chlorobenzene
Concen: 48.357 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

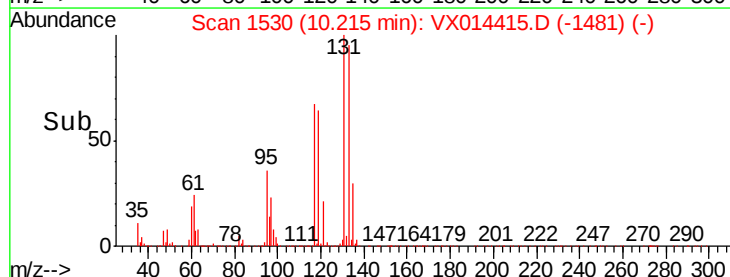
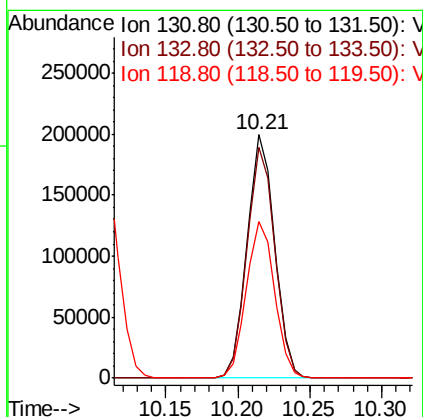
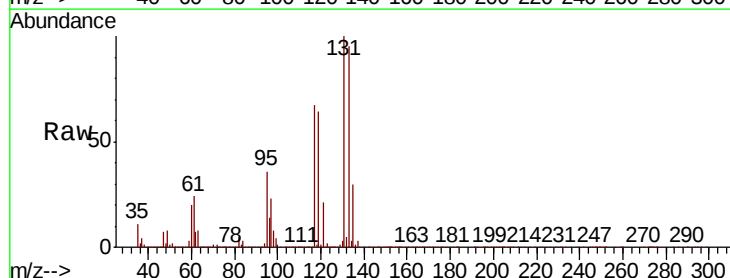
Instrument :
MSVOA_X
ClientSampleId :

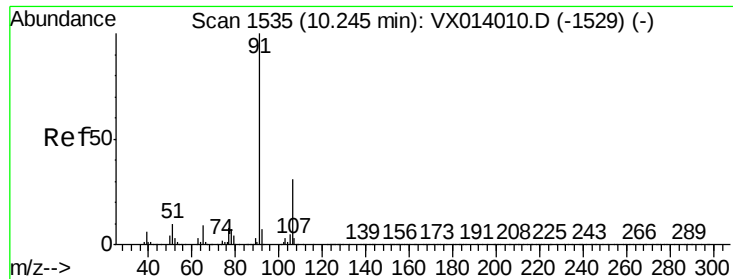
Tot Ion:112 Resp: 693431
Ion Ratio Lower Upper
112 100
114 31.8 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.283 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion:131 Resp: 262575
Ion Ratio Lower Upper
131 100
133 96.5 48.0 144.0
119 66.0 33.4 100.2

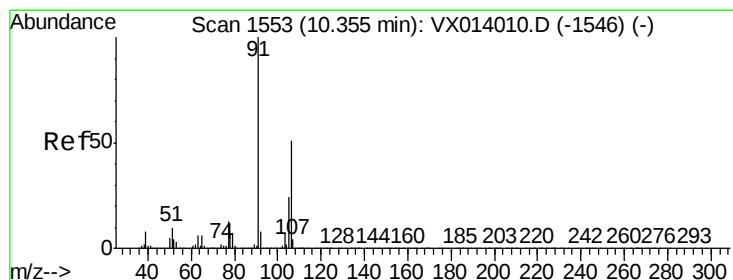
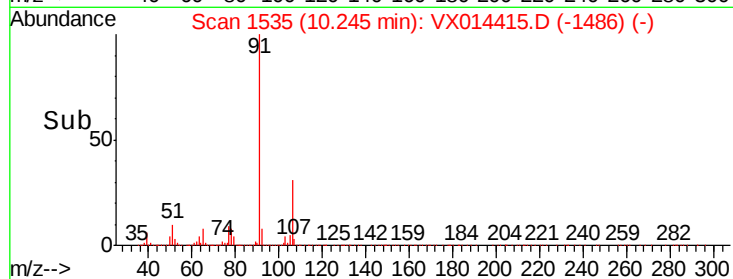
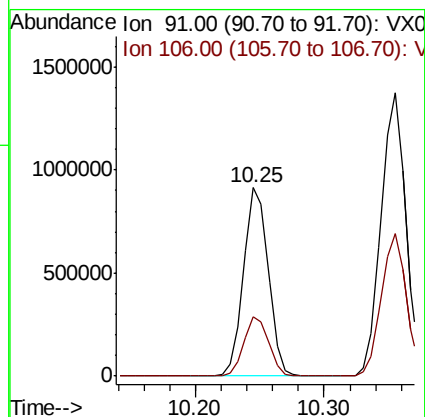
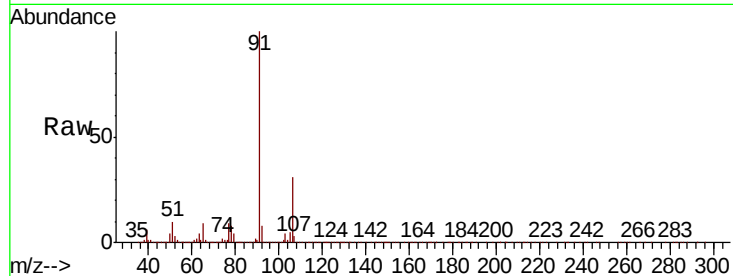




#67
Ethyl Benzene
Concen: 49.048 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

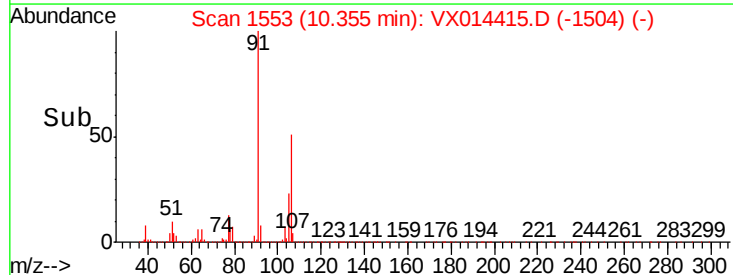
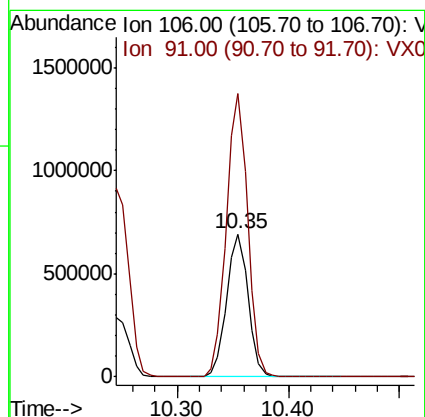
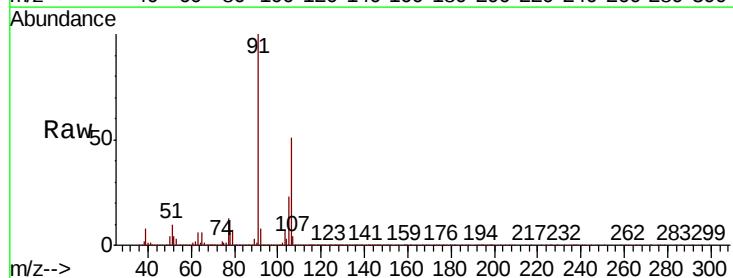
Instrument :
MSVOA_X
ClientSampleId :

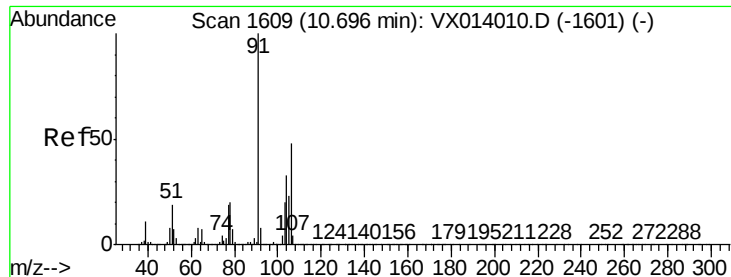
Tot Ion: 91 Resp: 1209201
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6



#68
m/p-Xylenes
Concen: 97.367 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion: 106 Resp: 923235
Ion Ratio Lower Upper
106 100
91 197.3 158.6 238.0

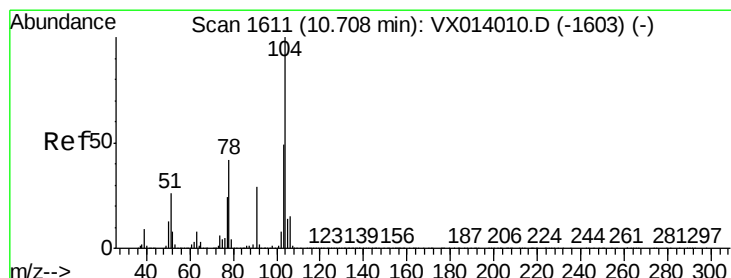
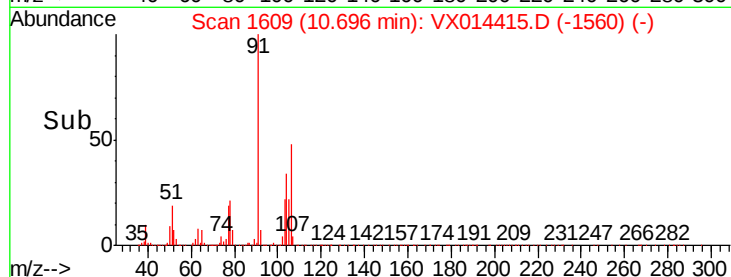
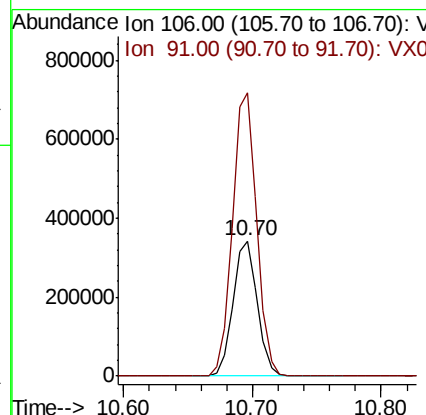
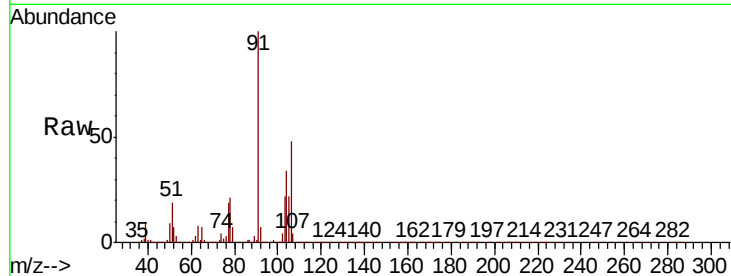




#69
o-Xylene
Concen: 48.413 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

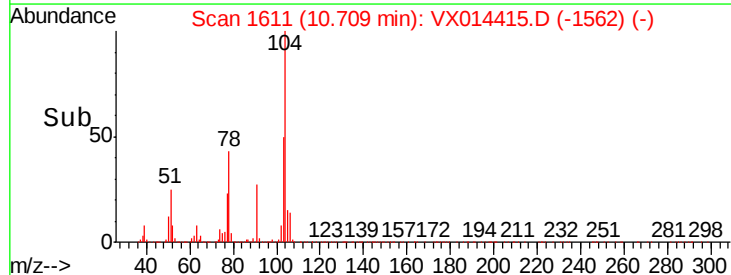
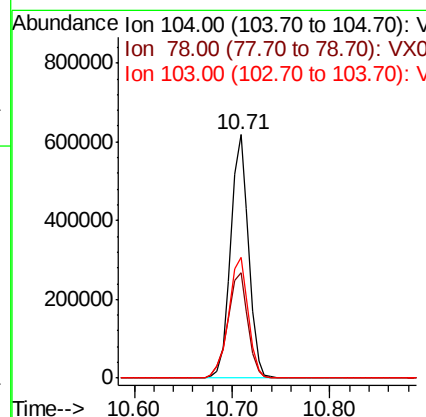
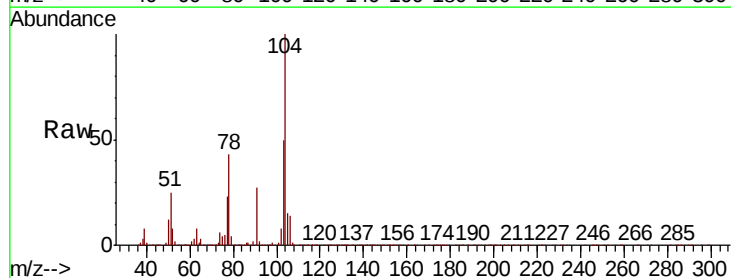
Instrument :
MSVOA_X
ClientSampled :

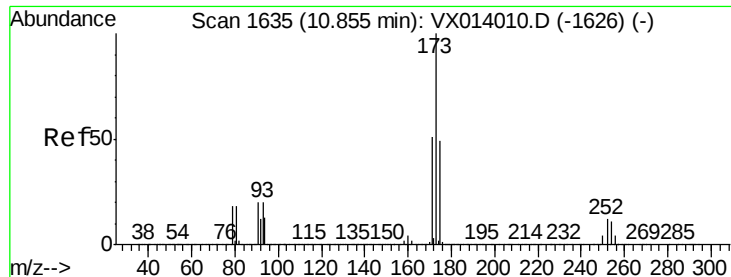
Tot Ion:106 Resp: 450215
Ion Ratio Lower Upper
106 100
91 210.6 104.2 312.6



#70
Styrene
Concen: 49.844 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion:104 Resp: 783816
Ion Ratio Lower Upper
104 100
78 48.6 38.5 57.7
103 54.4 42.9 64.3

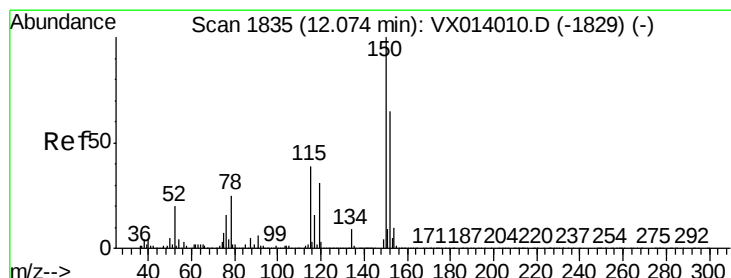
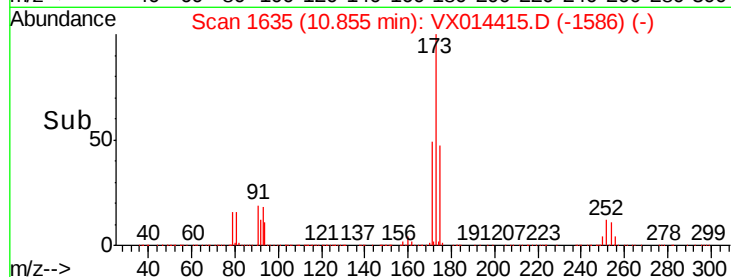
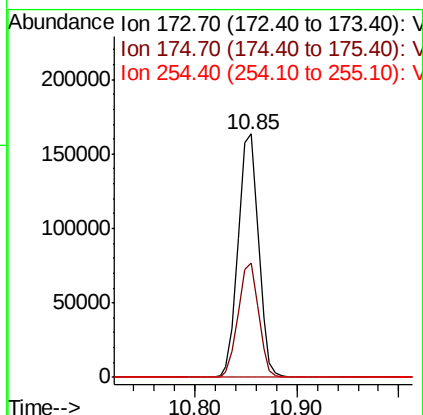
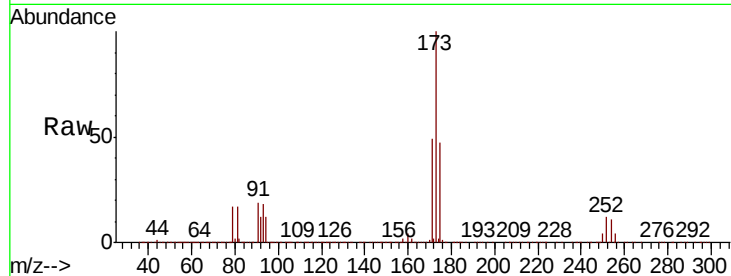




#71
Bromoform
Concen: 54.424 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

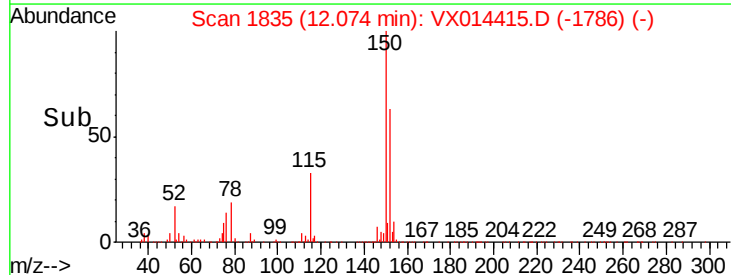
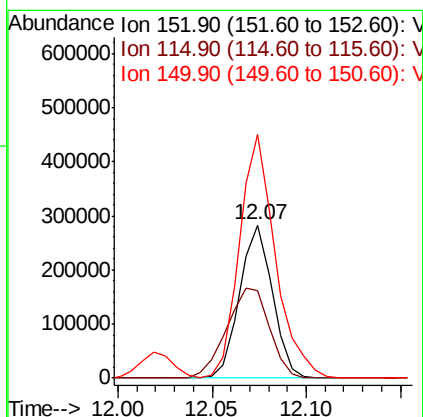
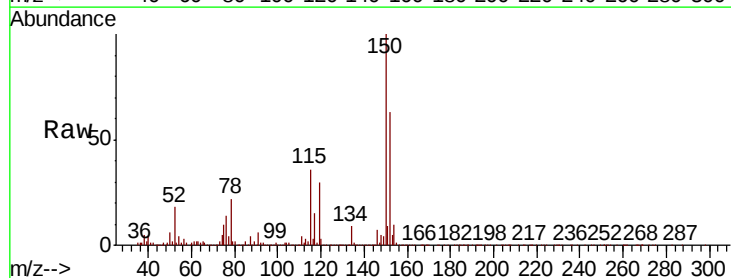
Instrument :
MSVOA_X
ClientSampled :

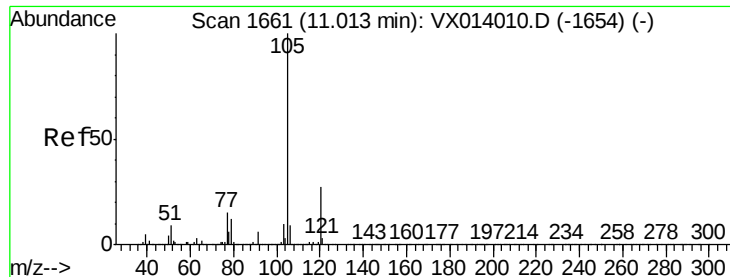
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.4	24.4	73.4
254	0.2	0.2	0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.9	38.3	114.9
150	174.4	0.0	345.4





#73

Isopropylbenzene

Concen: 49.812 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

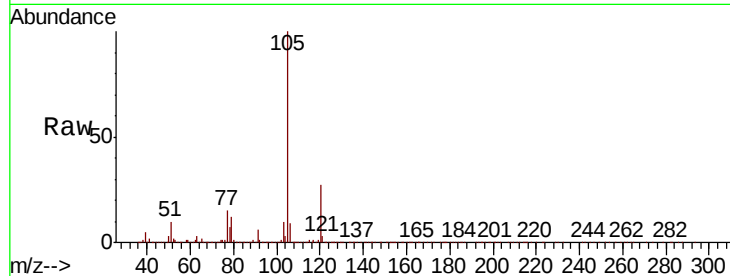
ClientSampled :

Tot Ion:105 Resp: 1194751

Ion Ratio Lower Upper

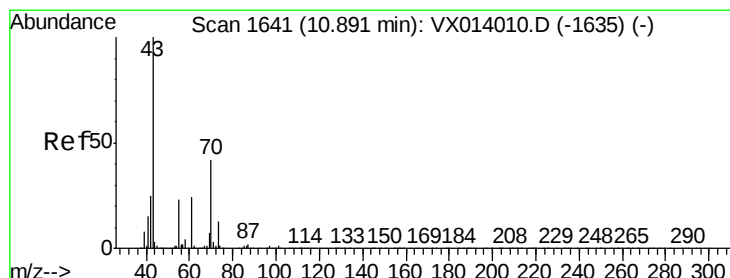
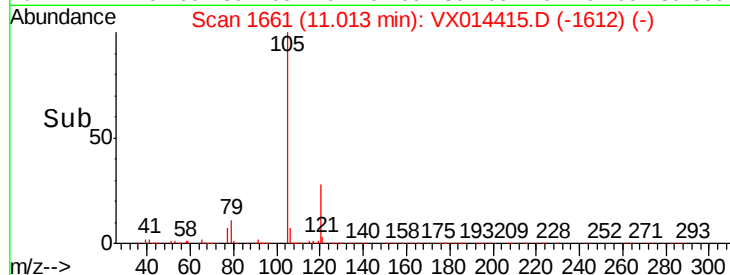
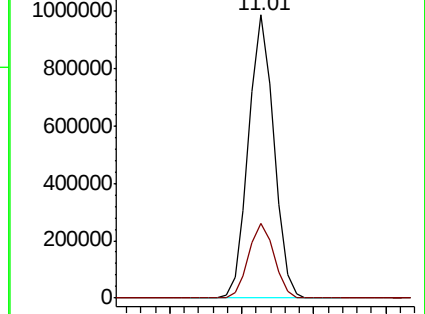
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.051 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Tgt Ion: 43 Resp: 573956

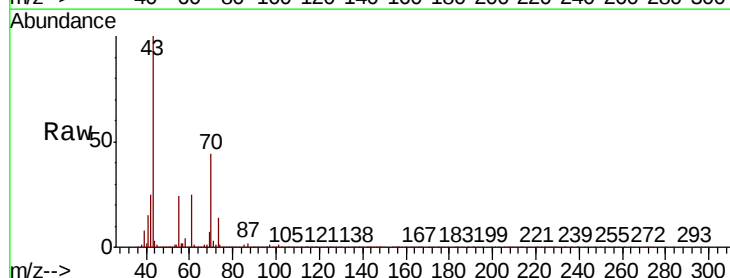
Ion Ratio Lower Upper

43 100

70 44.2 34.4 51.6

55 23.8 19.1 28.7

61 24.8 19.7 29.5

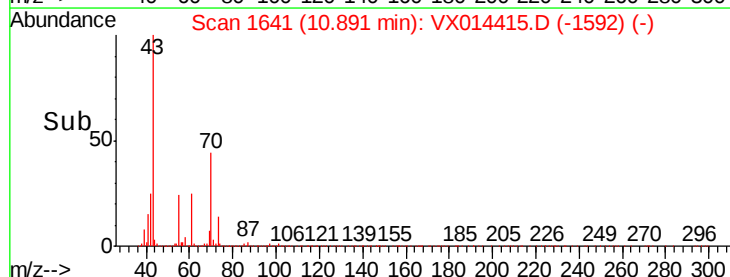
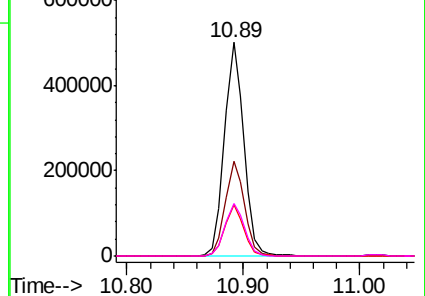


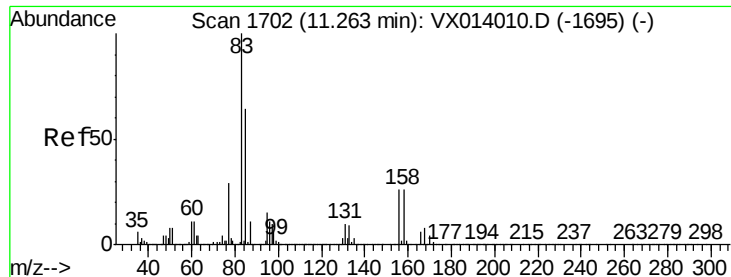
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.392 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

ClientSampleId :

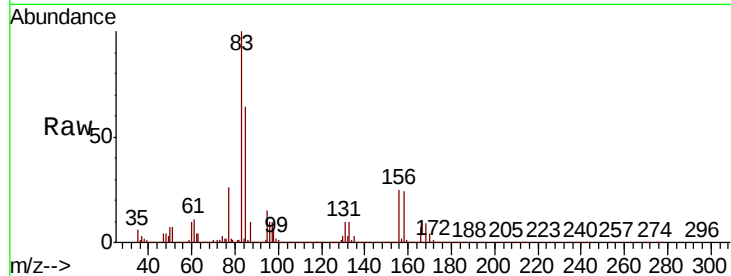
Tot Ion: 83 Resp: 402403

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.2

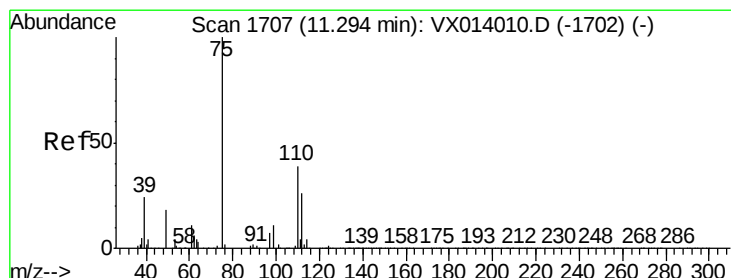
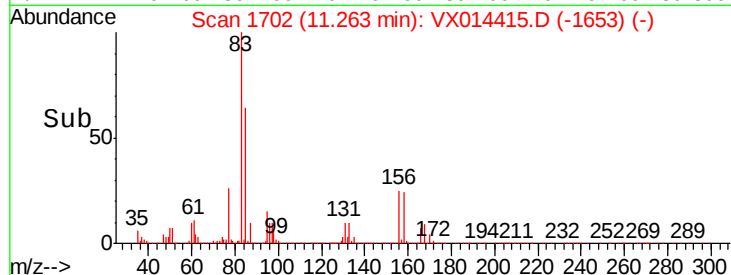
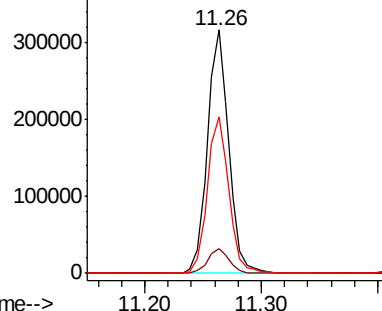
85 65.2 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.402 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014415.D

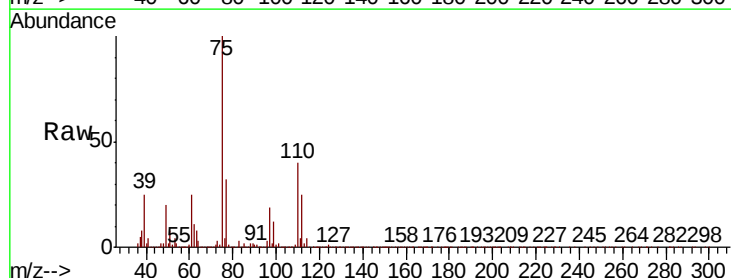
Acq: 03 Jan 2020 20:53

Tgt Ion: 75 Resp: 476297

Ion Ratio Lower Upper

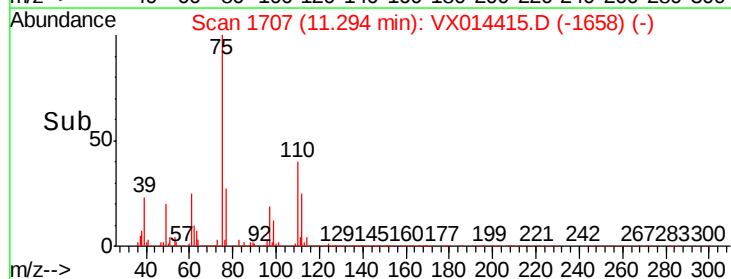
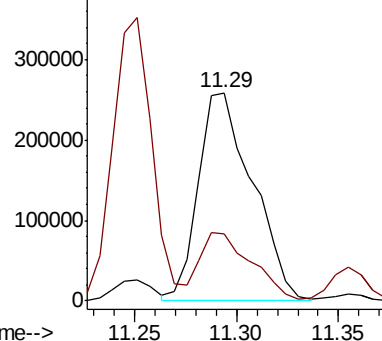
75 100

77 30.9 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.141 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

ClientSampleId :

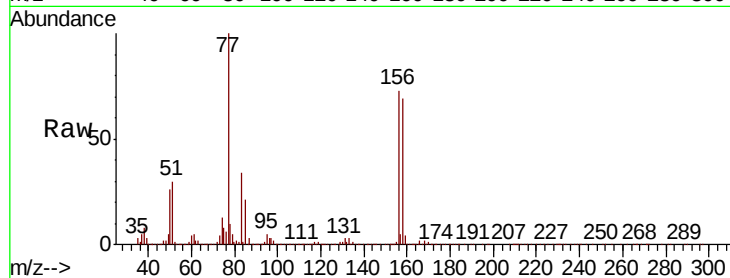
Tot Ion:156 Resp: 317693

Ion Ratio Lower Upper

156 100

77 148.0 76.5 229.5

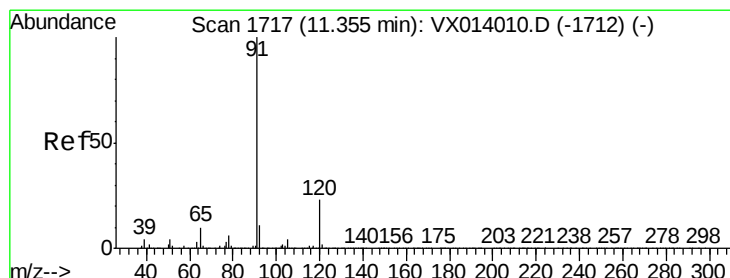
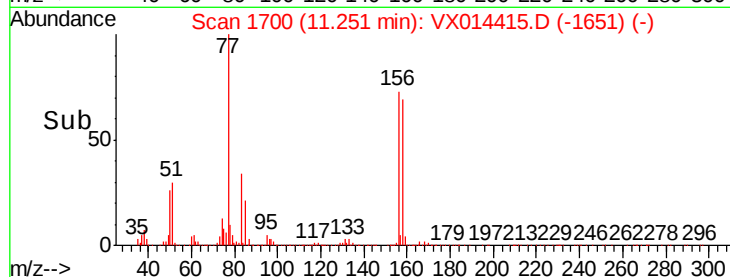
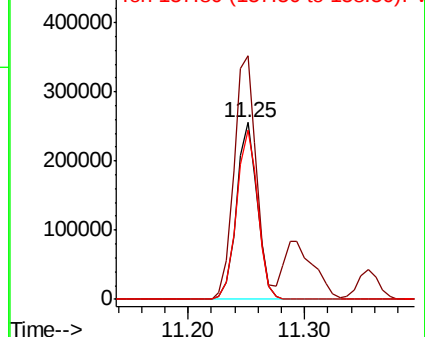
158 97.7 49.3 147.9



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: 49.873 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014415.D

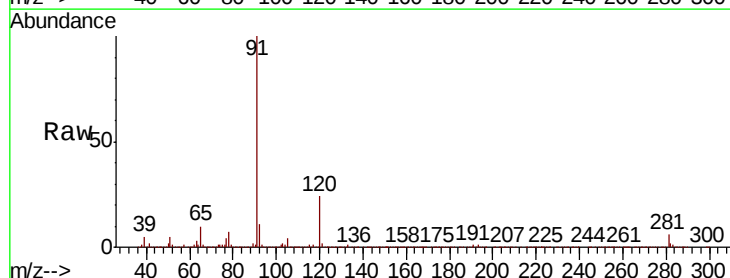
Acq: 03 Jan 2020 20:53

Tgt Ion: 91 Resp: 1341754

Ion Ratio Lower Upper

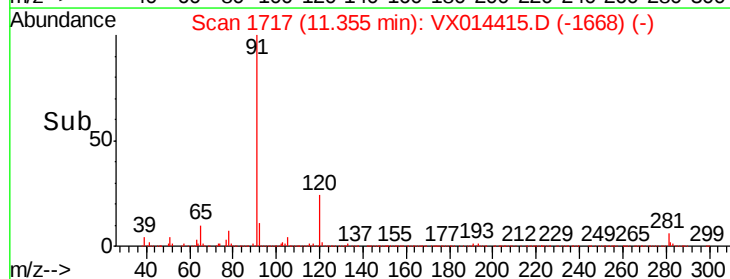
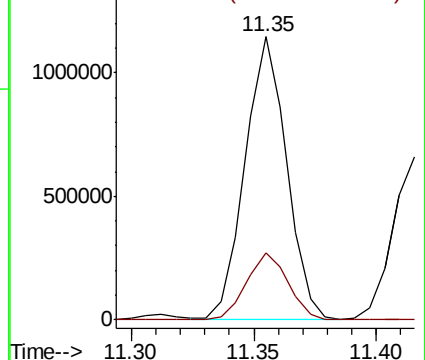
91 100

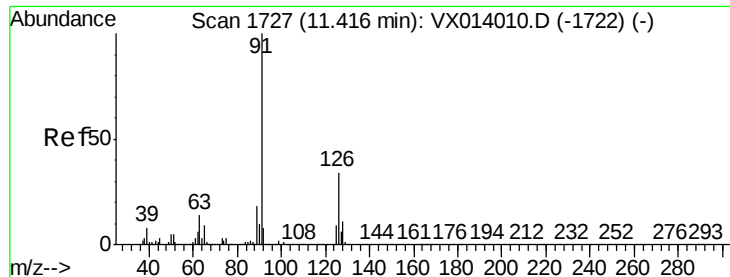
120 23.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.715 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

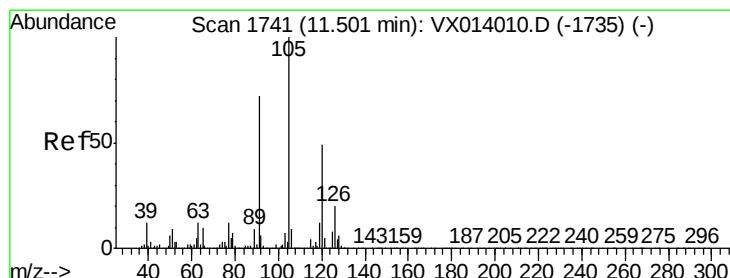
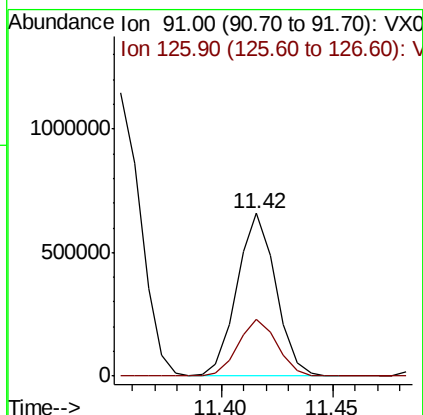
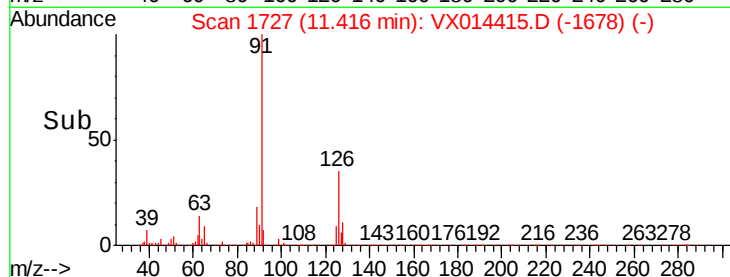
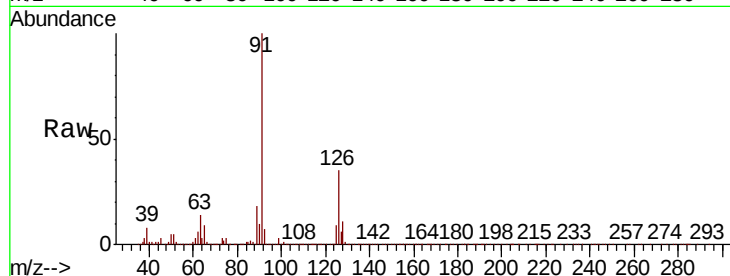
ClientSampleId :

Tot Ion: 91 Resp: 796688

Ion Ratio Lower Upper

91 100

126 35.0 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 49.593 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014415.D

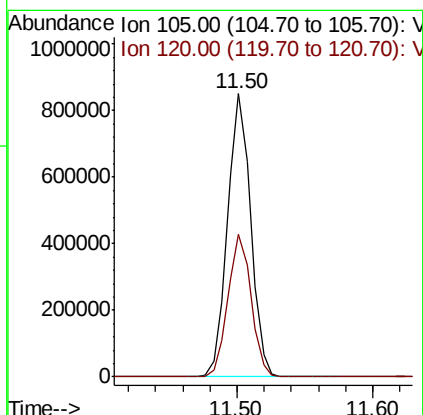
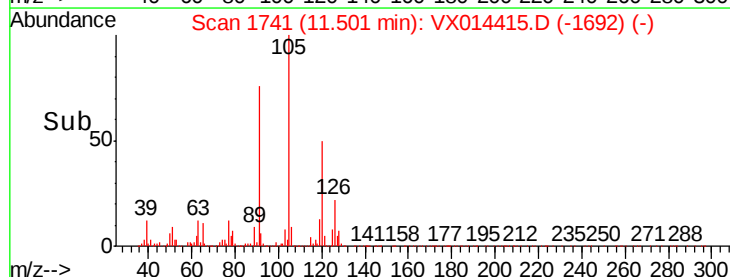
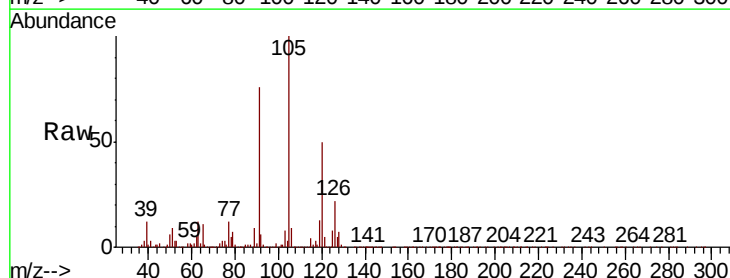
Acq: 03 Jan 2020 20:53

Tgt Ion: 105 Resp: 1001091

Ion Ratio Lower Upper

105 100

120 50.4 25.3 75.8

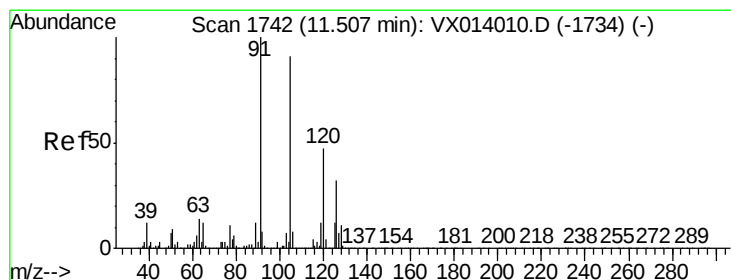
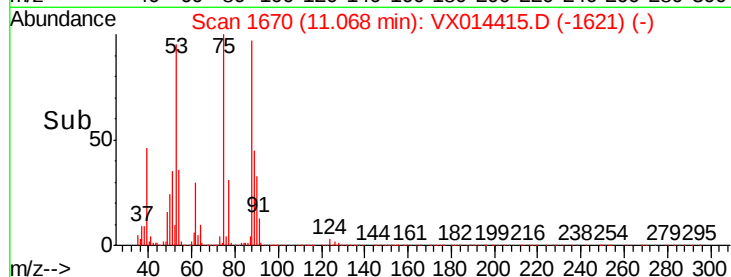
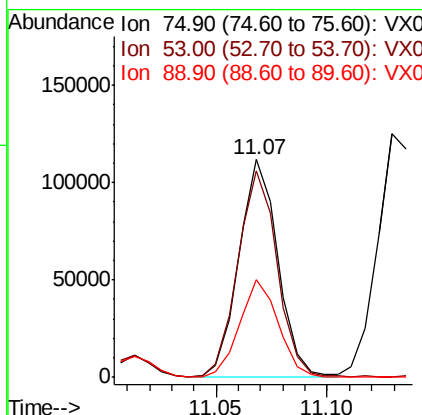
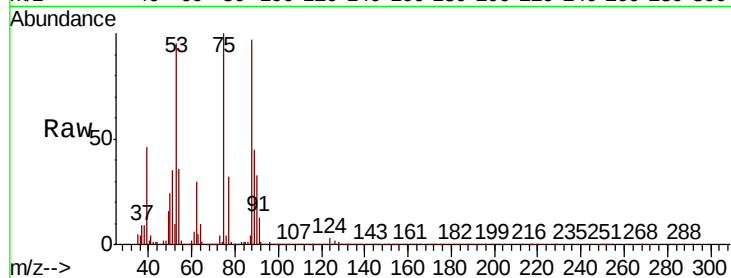




#81
trans-1,4-Dichloro-2-butene
Concen: 51.837 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

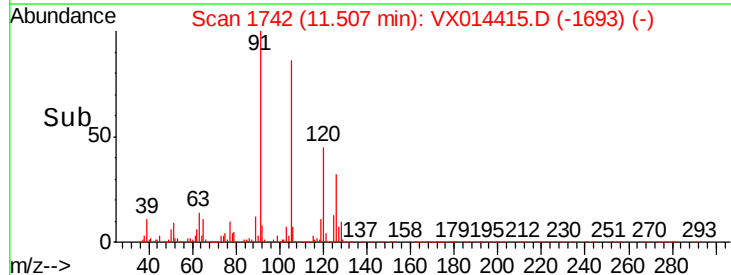
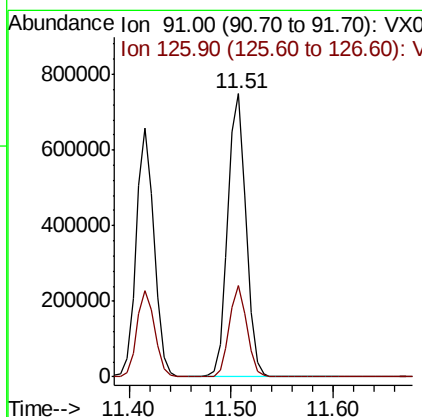
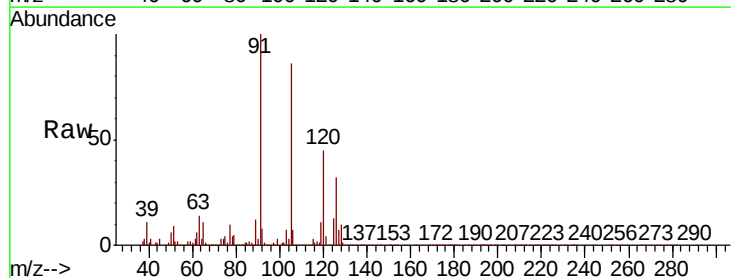
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 135826
Ion Ratio Lower Upper
75 100
53 96.2 76.7 115.1
89 44.3 34.6 51.8



#82
4-Chlorotoluene
Concen: 48.654 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion: 91 Resp: 922978
Ion Ratio Lower Upper
91 100
126 30.9 15.6 46.8





#83

tert-Butylbenzene

Concen: 46.119 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

ClientSampleId :

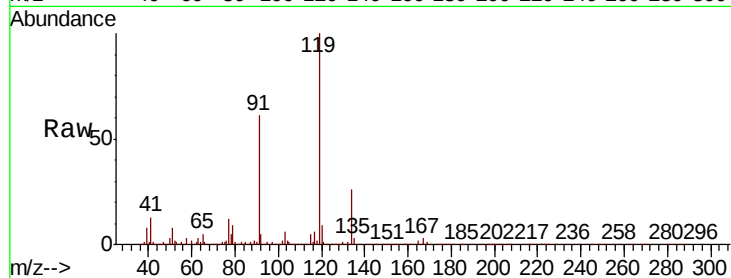
Tot Ion:119 Resp: 905981

Ion Ratio Lower Upper

119 100

91 60.8 28.5 85.6

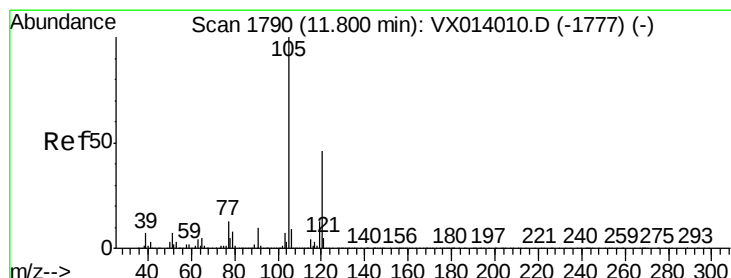
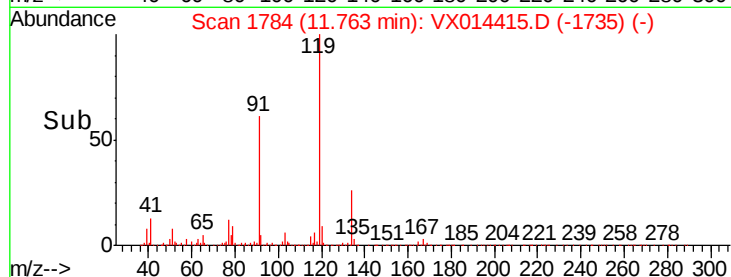
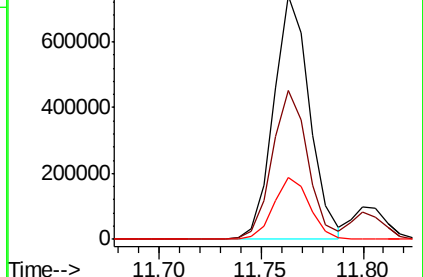
134 25.4 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.917 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014415.D

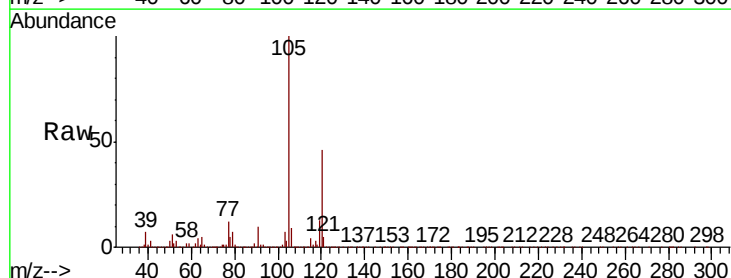
Acq: 03 Jan 2020 20:53

Tgt Ion:105 Resp: 1009070

Ion Ratio Lower Upper

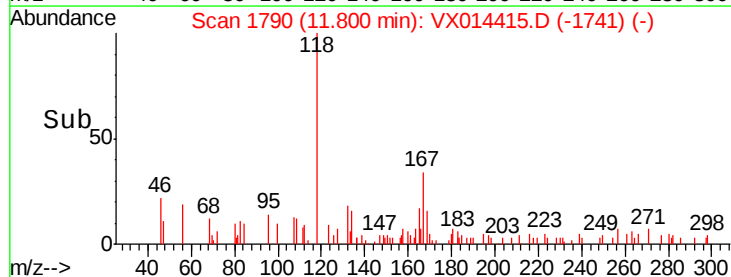
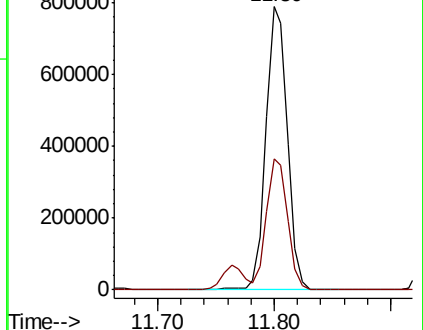
105 100

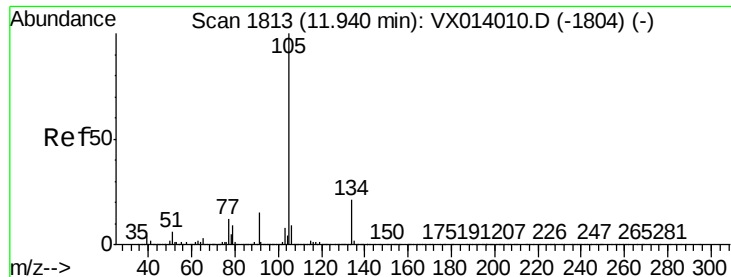
120 45.9 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.988 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

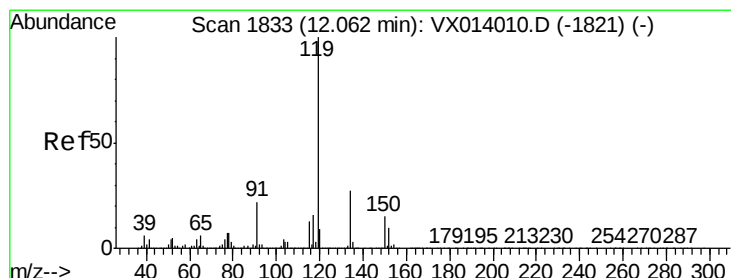
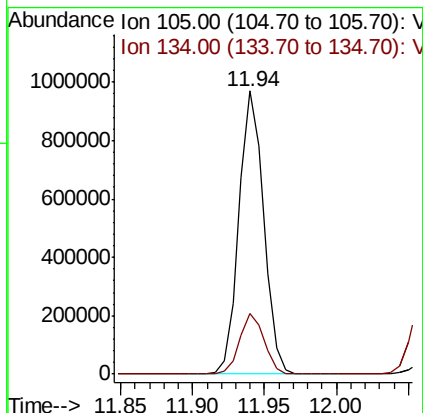
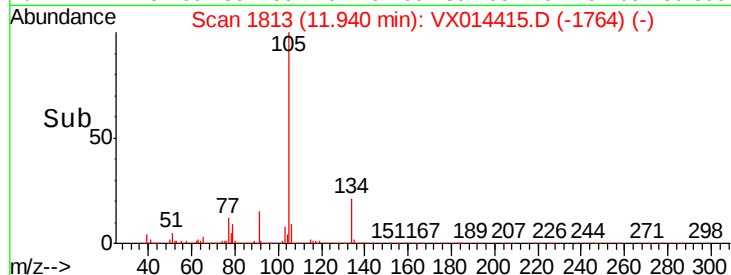
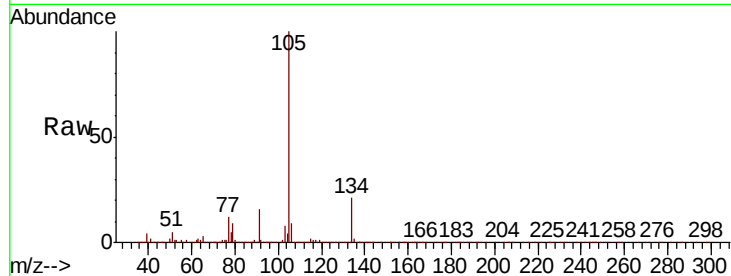
ClientSampled :

Tot Ion:105 Resp: 1159252

Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.1



#86

p-Isopropyltoluene

Concen: 50.297 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

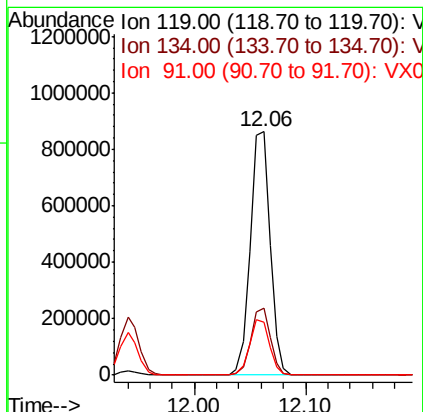
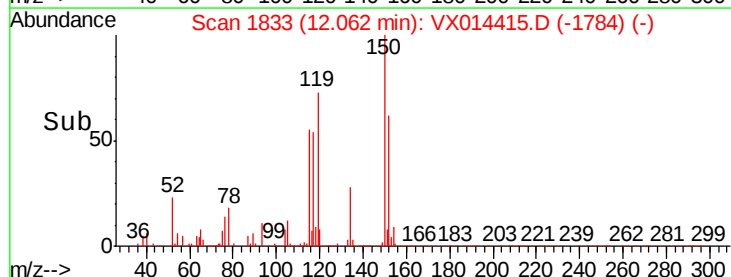
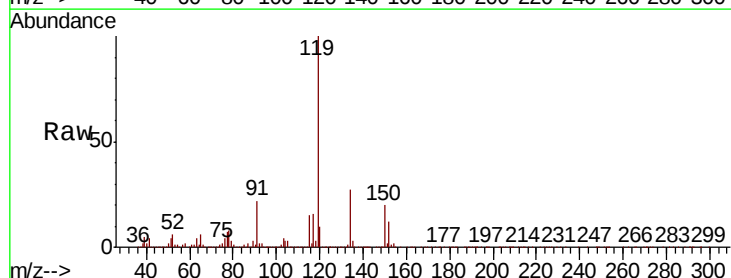
Tgt Ion:119 Resp: 1066960

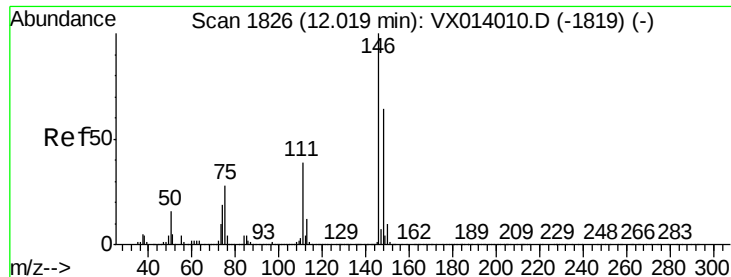
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.6 11.4 34.1

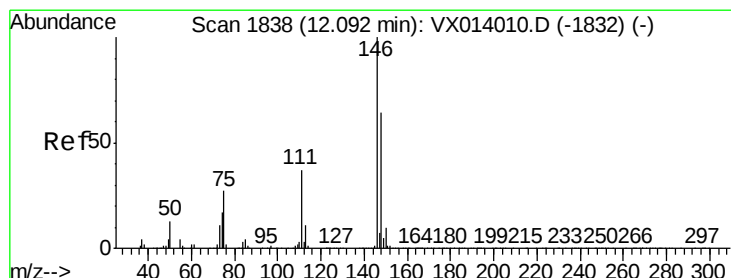
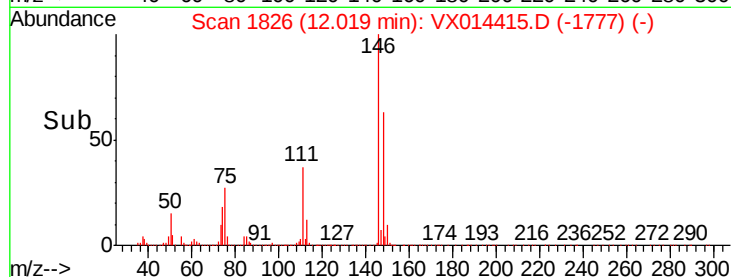
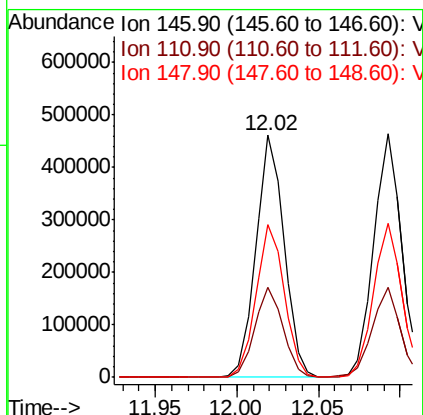
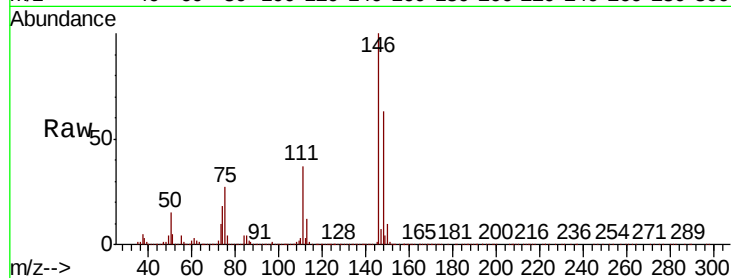




#87
 1,3-Dichlorobenzene
 Concen: 48.000 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

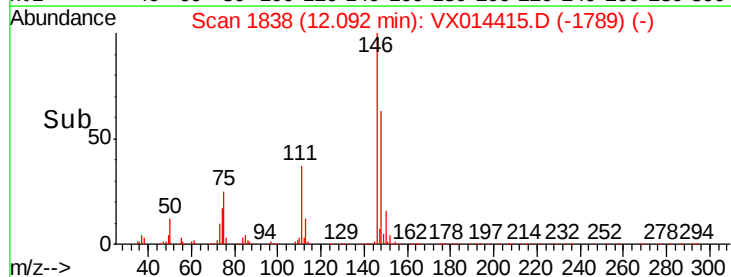
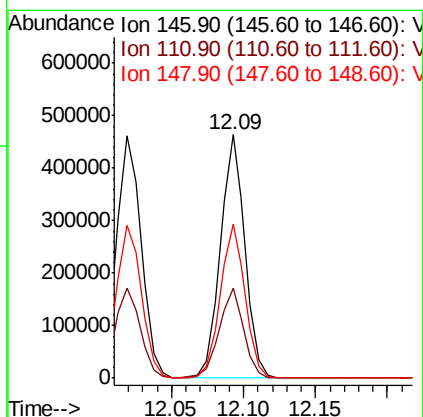
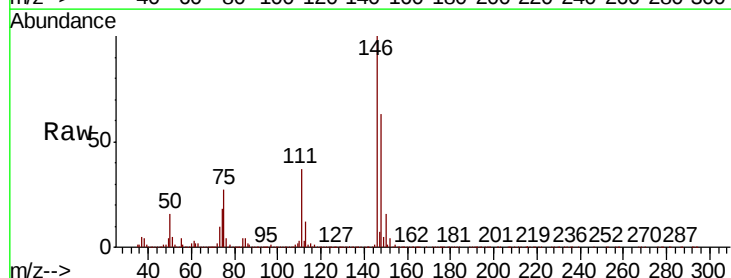
Instrument :
 MSVOA_X
 ClientSampleId :

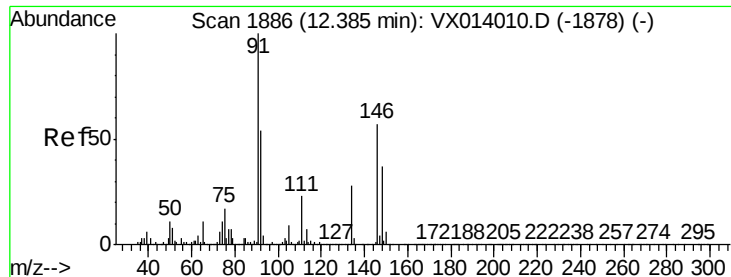
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.1	57.1
148	63.9	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 46.990 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.7	56.1
148	63.8	31.9	95.9





#89

n-Butylbenzene

Concen: 50.131 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

ClientSampleId :

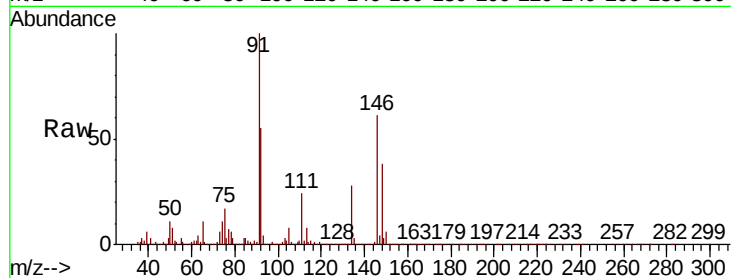
Tot Ion: 91 Resp: 907403

Ion Ratio Lower Upper

91 100

92 55.2 27.2 81.6

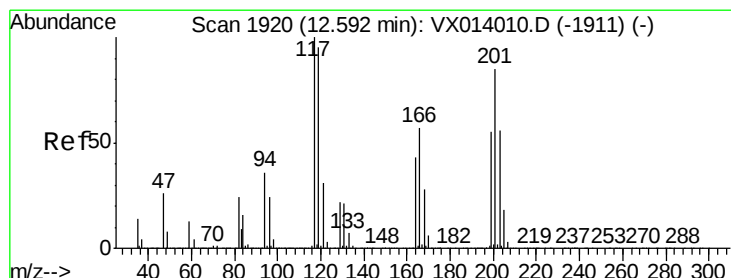
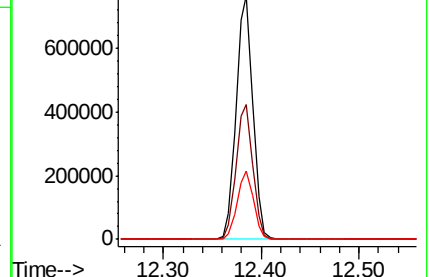
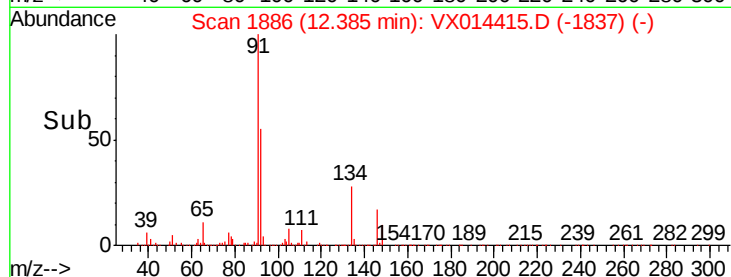
134 27.4 13.4 40.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 50.475 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014415.D

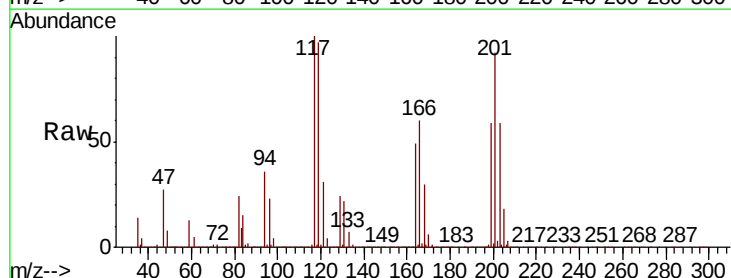
Acq: 03 Jan 2020 20:53

Tgt Ion: 117 Resp: 192324

Ion Ratio Lower Upper

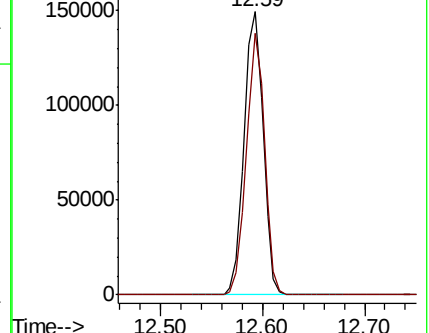
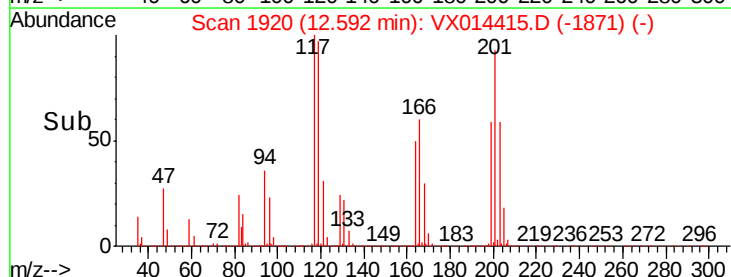
117 100

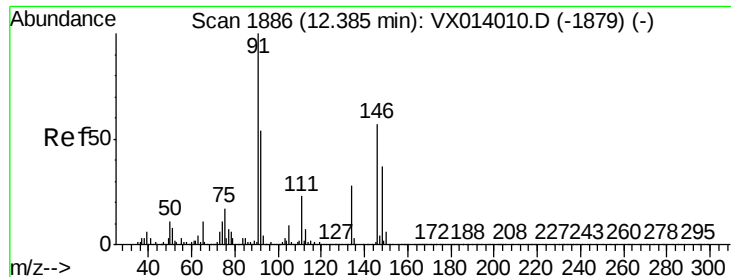
201 88.5 43.1 129.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 48.325 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

ClientSampleId :

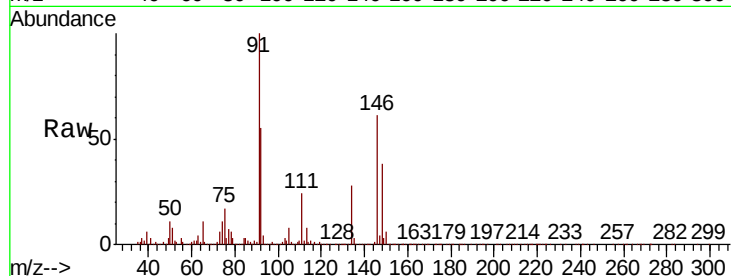
Tot Ion:146 Resp: 562640

Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.1

148 64.1 32.1 96.5

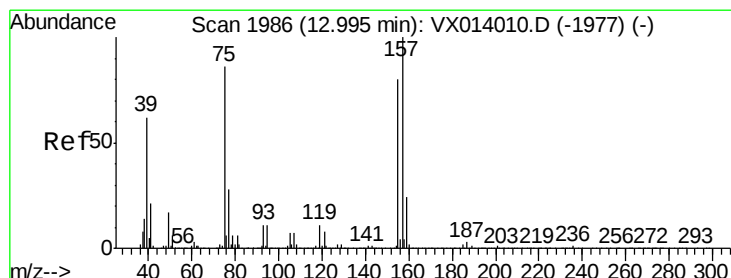
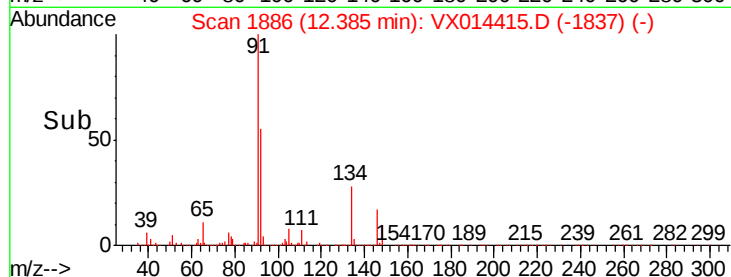
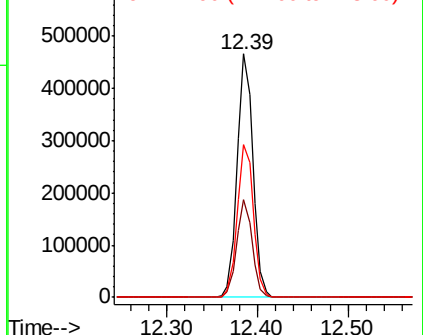


Abundance

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: 48.746 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

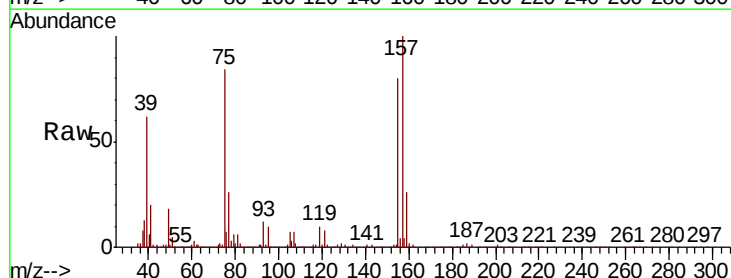
Tgt Ion: 75 Resp: 89700

Ion Ratio Lower Upper

75 100

155 97.4 46.9 140.6

157 125.5 60.8 182.4

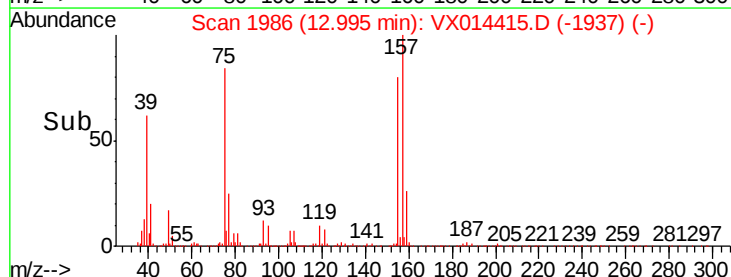
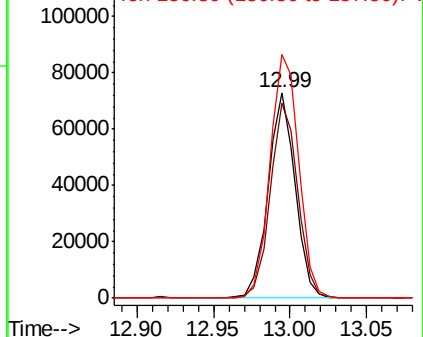


Abundance

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

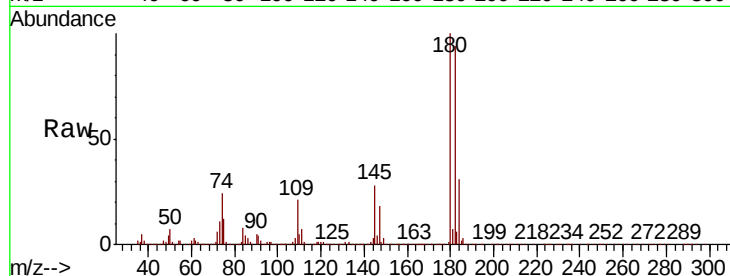




#93
 1,2,4-Trichlorobenzene
 Concen: 49.935 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.6	139.8
145	28.0	14.2	42.6

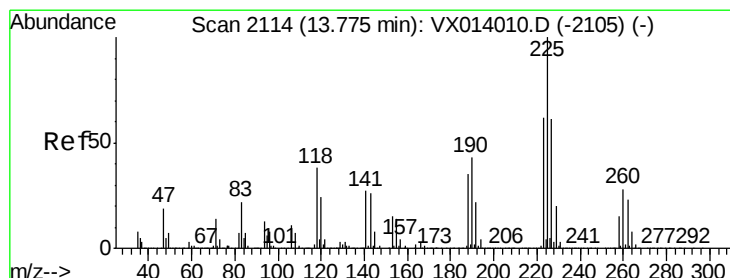
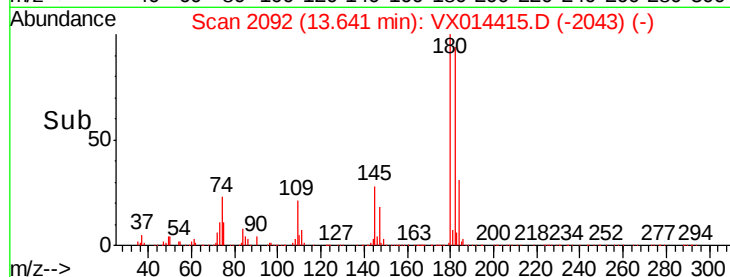
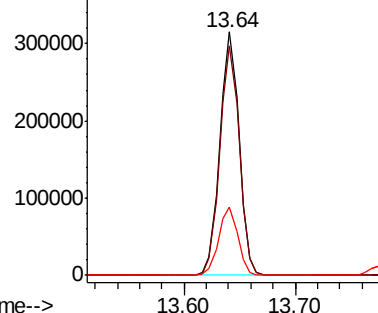


Abundance

Ion 179.80 (179.50 to 180.50): V

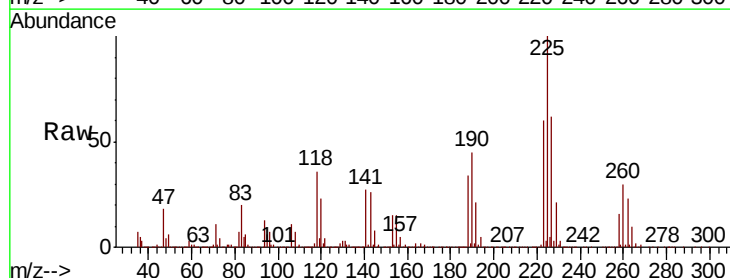
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 50.840 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	30.9	92.5
227	63.7	30.9	92.7

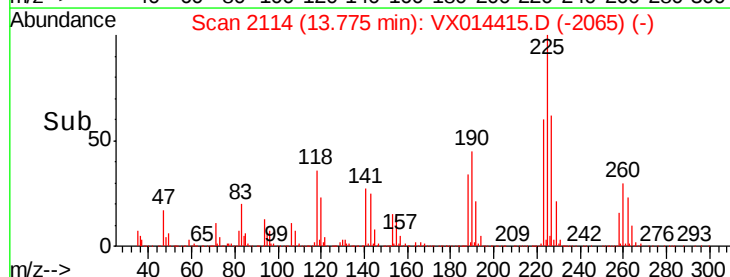
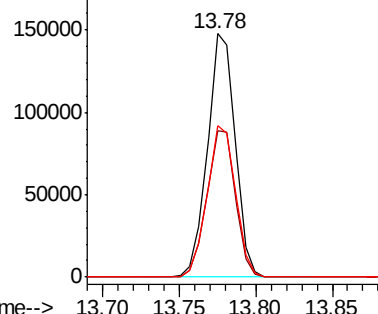


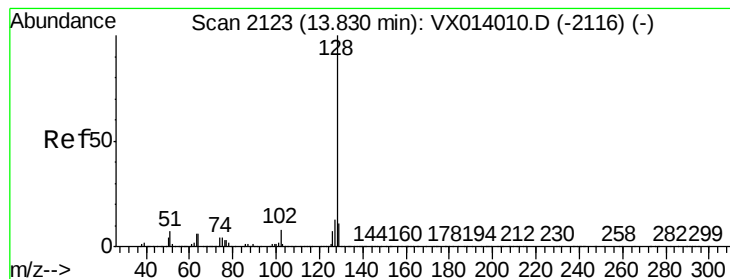
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 53.150 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

ClientSampleId :

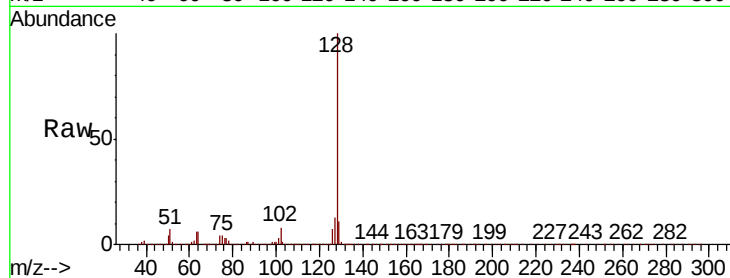
Tot Ion:128 Resp: 1181702

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

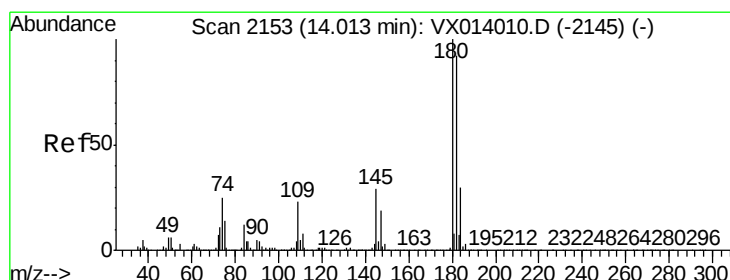
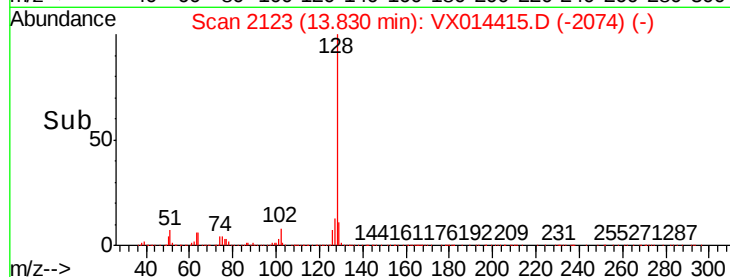
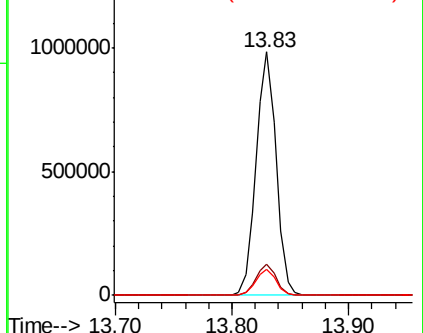
129 10.8 8.7 13.1



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: 51.176 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

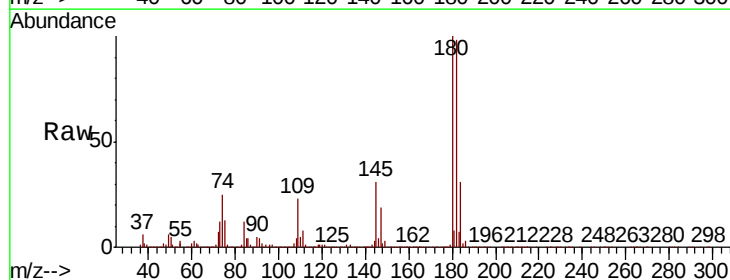
Tgt Ion:180 Resp: 382286

Ion Ratio Lower Upper

180 100

182 97.5 46.8 140.3

145 30.0 14.8 44.4



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

