

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015875.D
 Acq On : 23 Apr 2020 05:28
 Operator : JC/SP
 Sample : L2380-12MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MS

Quant Time: Apr 23 06:56:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	960361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1467798	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1396248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	699316	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	545227	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
35) Dibromofluoromethane	5.47	113	429819	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	8.70	98	1648087	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.12	95	668314	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	465070	56.574	ug/l	97
3) Chloromethane	1.31	50	399835	47.491	ug/l	97
4) Vinyl Chloride	1.39	62	491047	50.390	ug/l	100
5) Bromomethane	1.62	94	156696	47.943	ug/l	95
6) Chloroethane	1.71	64	293528	52.858	ug/l	99
7) Trichlorofluoromethane	1.92	101	631511	52.231	ug/l	98
8) Diethyl Ether	2.17	74	252795	51.558	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	403810	49.234	ug/l	100
10) Methyl Iodide	2.49	142	347116	34.256	ug/l	99
11) Tert butyl alcohol	3.01	59	587977	263.465	ug/l	100
12) 1,1-Dichloroethene	2.36	96	425109	50.538	ug/l	96
13) Acrolein	2.27	56	235451	178.305	ug/l #	67
14) Allyl chloride	2.71	41	871046	48.731	ug/l	99
15) Acrylonitrile	3.12	53	1395725	269.438	ug/l	99
16) Acetone	2.42	43	1184250	249.000	ug/l	98
17) Carbon Disulfide	2.55	76	1165178	38.144	ug/l	99
18) Methyl Acetate	2.75	43	774815	49.348	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	2129640	71.716	ug/l #	49
20) Methylene Chloride	2.84	84	479354	49.648	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	466551	49.990	ug/l	98
22) Diisopropyl ether	3.83	45	1658258	51.472	ug/l	93
23) Vinyl Acetate	3.79	43	6853109	257.017	ug/l	100
24) 1,1-Dichloroethane	3.67	63	864405	51.478	ug/l	100
25) 2-Butanone	4.64	43	1922059	255.684	ug/l	99
26) 2,2-Dichloropropane	4.56	77	530624	35.375	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	538582	50.831	ug/l	96
28) Bromochloromethane	4.98	49	394561	44.781	ug/l #	98
29) Tetrahydrofuran	5.09	42	1272157	255.853	ug/l	99
30) Chloroform	5.18	83	928630	54.966	ug/l	98
31) Cyclohexane	5.56	56	1886680	118.226	ug/l	92
32) 1,1,1-Trichloroethane	5.47	97	764884	50.777	ug/l	99
36) 1,1-Dichloropropene	5.78	75	654422	50.293	ug/l	98
37) Ethyl Acetate	4.79	43	813393	52.523	ug/l	98
38) Carbon Tetrachloride	5.76	117	656912	51.252	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	2311041	140.248	ug/l	98
40) Benzene	6.12	78	9436952	240.793	ug/l	98
41) Methacrylonitrile	5.01	41	470295	54.652	ug/l	97
42) 1,2-Dichloroethane	6.17	62	753074	53.362	ug/l	94
43) Isopropyl Acetate	6.42	43	1350748	51.708	ug/l	98
44) Trichloroethene	7.19	130	636785	46.234	ug/l	91
45) 1,2-Dichloropropane	7.50	63	524162	51.035	ug/l	99
46) Dibromomethane	7.64	93	355809	47.457	ug/l #	87
47) Bromodichloromethane	7.88	83	665839	49.921	ug/l	98
48) Methyl methacrylate	7.75	41	824831	64.190	ug/l #	87
49) 1,4-Dioxane	7.72	88	214902	884.928	ug/l #	94
51) 4-Methyl-2-Pentanone	8.62	43	3877939	257.185	ug/l	99
52) Toluene	8.77	92	1309986	52.148	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	778596	47.047	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	809236	46.266	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	484258	49.368	ug/l	97
56) Ethyl methacrylate	9.16	69	915377	55.093	ug/l	90
57) 1,3-Dichloropropane	9.35	76	848443	49.775	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.25	63	6733	0.811	ug/l #	52
59) 2-Hexanone	9.48	43	2834561	246.766	ug/l	98
60) Dibromochloromethane	9.57	129	543115	53.615	ug/l	96
61) 1,2-Dibromoethane	9.65	107	535203	49.368	ug/l	99
64) Tetrachloroethene	9.32	164	765738	40.687	ug/l	90
65) Chlorobenzene	10.12	112	1363946	48.851	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	512667	49.122	ug/l	96
67) Ethyl Benzene	10.23	91	18975343	387.010	ug/l #	24
68) m/p-Xylenes	10.35	106	8302153	451.113	ug/l	78
69) o-Xylene	10.68	106	5661444	312.610	ug/l	92
70) Styrene	10.70	104	1738151	55.429	ug/l #	54
71) Bromoform	10.84	173	370427	54.468	ug/l #	99
73) Isopropylbenzene	11.00	105	14761837	332.373	ug/l #	74
74) N-amyl acetate	10.89	43	1155143	50.381	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	542497	57.716	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	831582	62.534	ug/l	83
77) Bromobenzene	11.24	156	594550	48.994	ug/l	96
78) n-propylbenzene	11.34	91	15807928	310.704	ug/l #	63
79) 2-Chlorotoluene	11.41	91	1759391	57.569	ug/l	94
80) 1,3,5-Trimethylbenzene	11.49	105	10674359	281.863	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.06	75	217143	39.280	ug/l	97
82) 4-Chlorotoluene	11.49	91	2744737	75.579	ug/l	79
83) tert-Butylbenzene	11.76	119	1746477	51.990	ug/l	97
84) 1,2,4-Trimethylbenzene	11.65	105	11378562	289.407	ug/l	82
85) sec-Butylbenzene	11.93	105	3344208	75.519	ug/l	85
86) p-Isopropyltoluene	12.05	119	2449651	59.159	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1065723	47.842	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	1073603	48.146	ug/l	97
89) n-Butylbenzene	12.37	91	3296182	89.034	ug/l #	68
90) Hexachloroethane	12.58	117	613041	140.145	ug/l #	48
91) 1,2-Dichlorobenzene	12.38	146	1011681	47.884	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	231069	82.897	ug/l	63

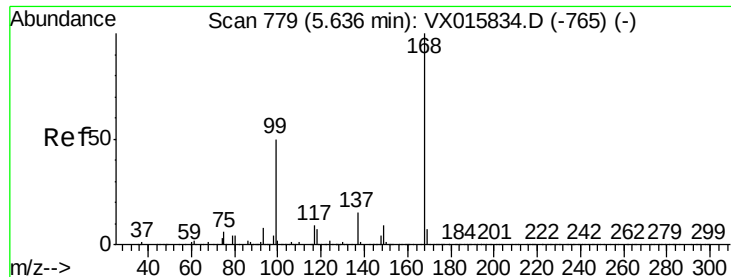
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	802721	48.220	ug/l #	92
94) Hexachlorobutadiene	13.77	225	356280	47.734	ug/l	93
95) Naphthalene	13.82	128	12922849	269.823	ug/l #	91
96) 1,2,3-Trichlorobenzene	14.01	180	789621	48.618	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

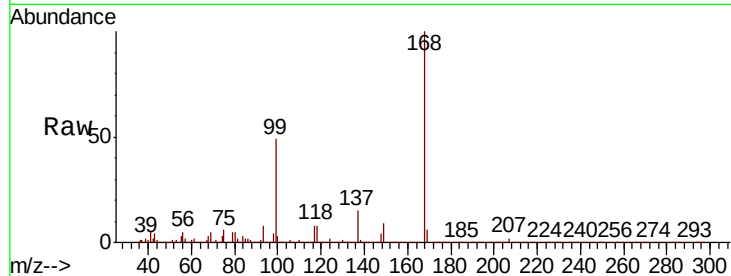
KY001MW079-200421MS

Tot Ion:168 Resp: 960361

Ion Ratio Lower Upper

168 100

99 48.8 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

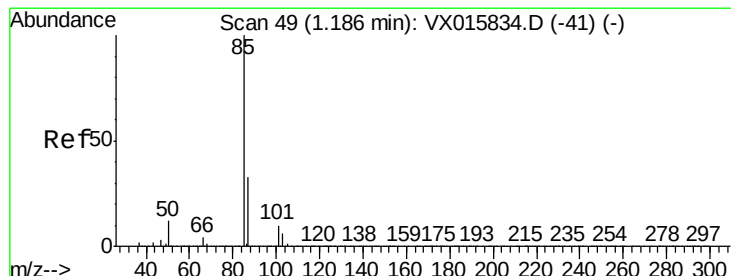
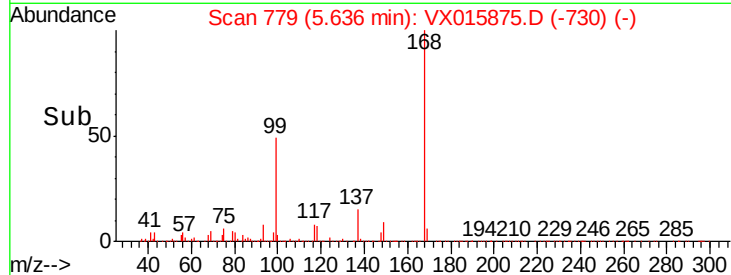
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 56.574 ug/l

RT: 1.18 min Scan# 48

Delta R.T. -0.01 min

Lab File: VX015875.D

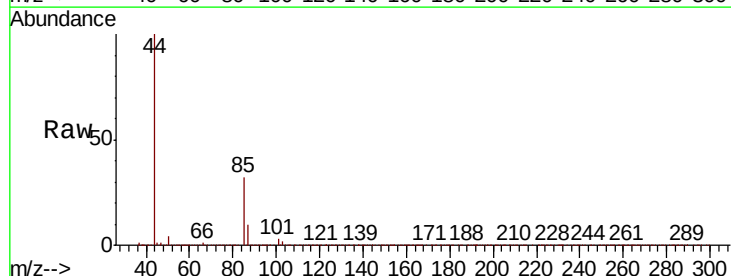
Acq: 23 Apr 2020 05:28

Tgt Ion: 85 Resp: 465070

Ion Ratio Lower Upper

85 100

87 31.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

500000

400000

300000

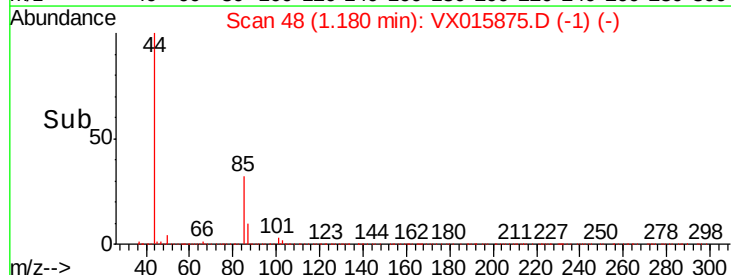
200000

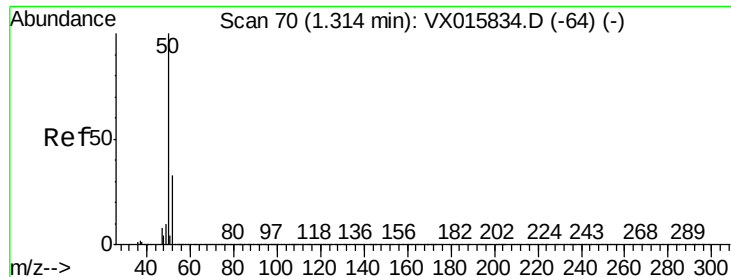
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0

Time-->

1.10 1.15 1.20 1.25

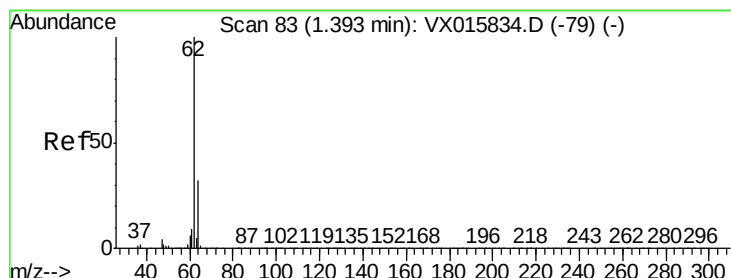
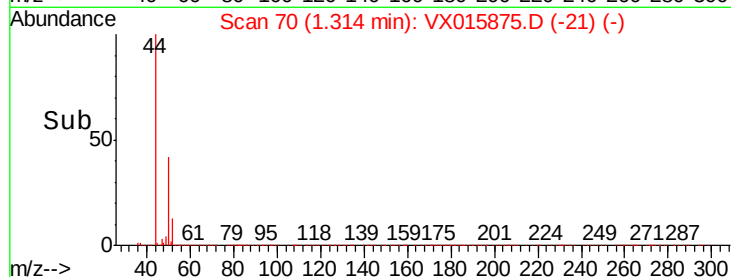
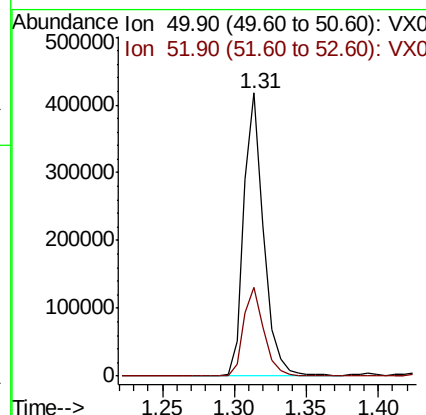
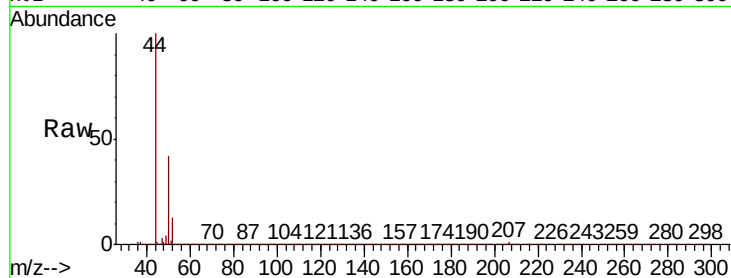




#3
Chloromethane
Concen: 47.491 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

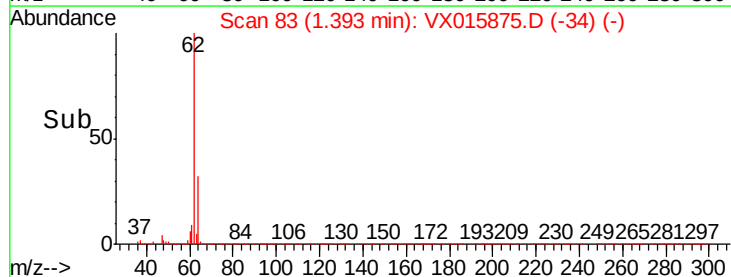
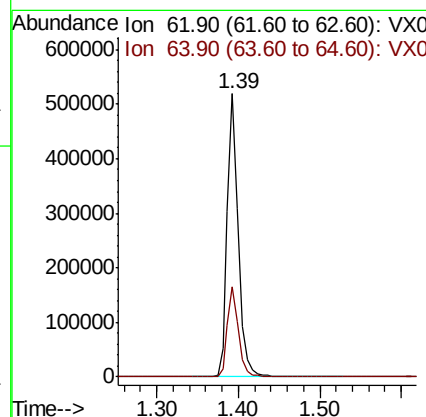
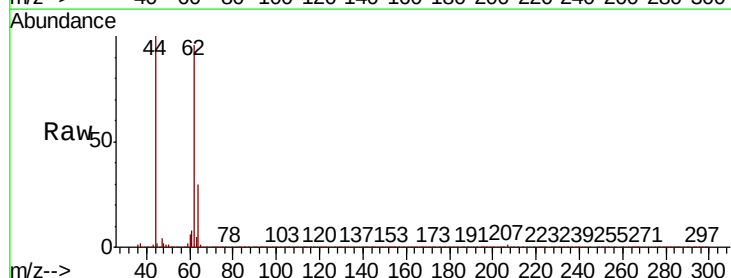
Instrument :
MSVOA_X
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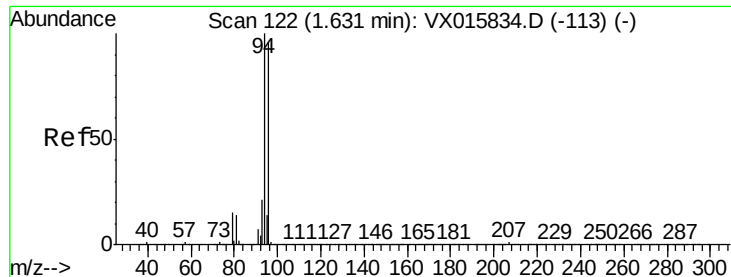
Tot Ion: 50 Resp: 399835
Ion Ratio Lower Upper
50 100
52 31.3 26.2 39.4



#4
Vinyl Chloride
Concen: 50.390 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion: 62 Resp: 491047
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.2





#5

Bromomethane

Concen: 47.943 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

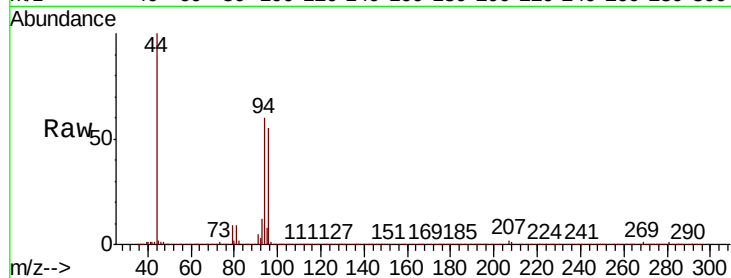
KY001MW079-200421MS

Tot Ion: 94 Resp: 156696

Ion Ratio Lower Upper

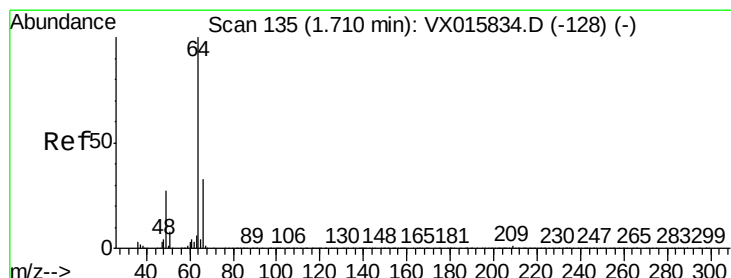
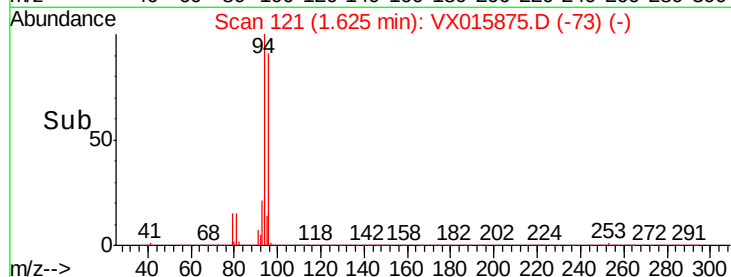
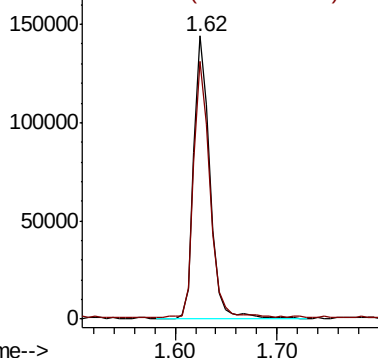
94 100

96 90.6 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.858 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX015875.D

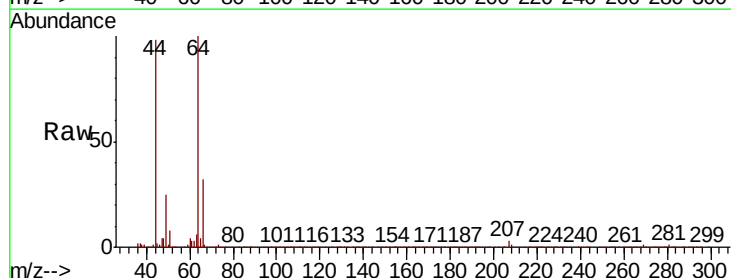
Acq: 23 Apr 2020 05:28

Tgt Ion: 64 Resp: 293528

Ion Ratio Lower Upper

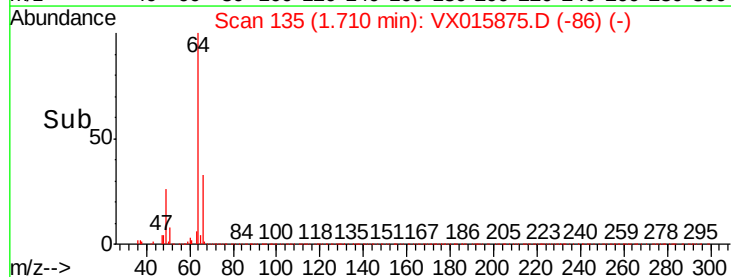
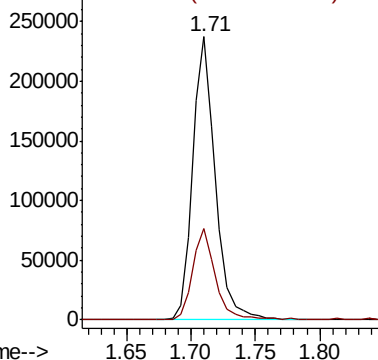
64 100

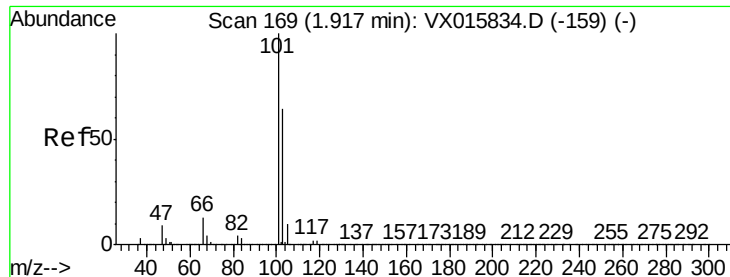
66 31.9 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



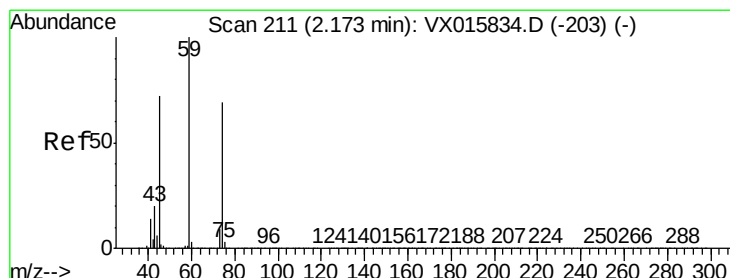
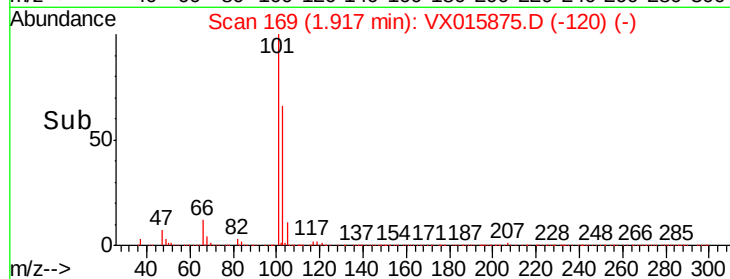
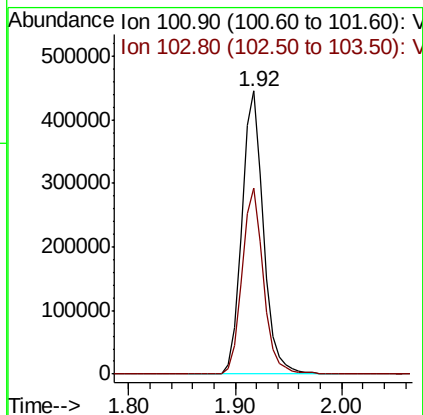
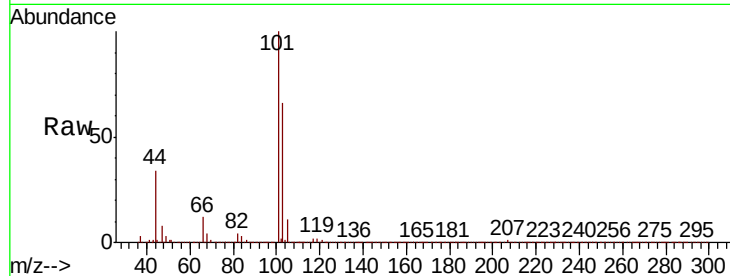


#7

Trichlorofluoromethane
 Concen: 52.231 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

Instrument :
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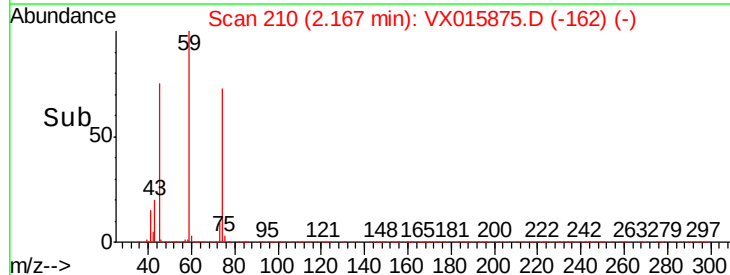
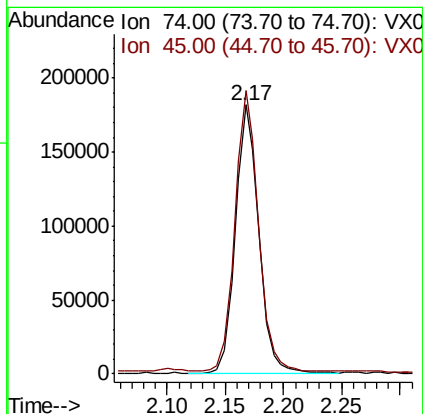
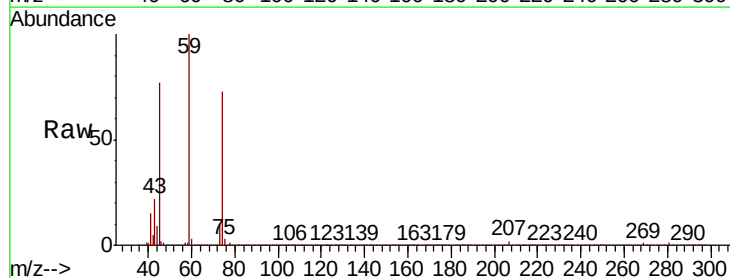
Tot Ion:101 Resp: 631511
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.4 77.0

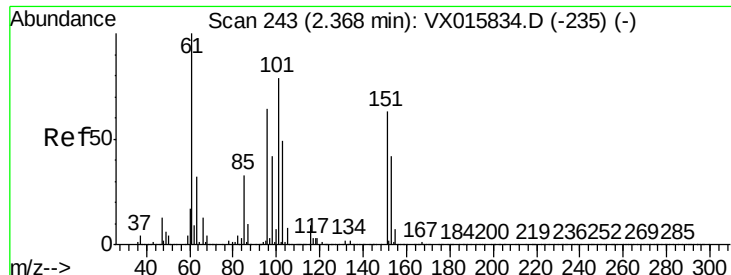


#8

Diethyl Ether
 Concen: 51.558 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. -0.01 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

Tgt Ion: 74 Resp: 252795
 Ion Ratio Lower Upper
 74 100
 45 105.0 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.234 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

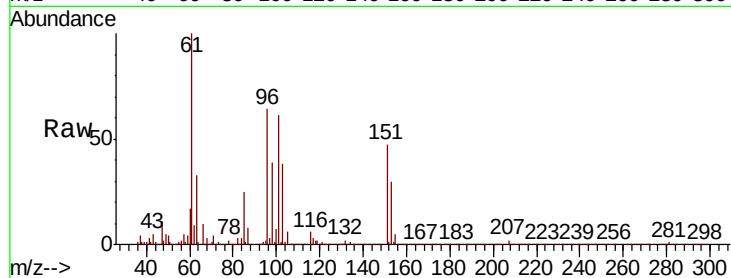
Tot Ion:101 Resp: 403810

Ion Ratio Lower Upper

101 100

85 42.3 33.8 50.6

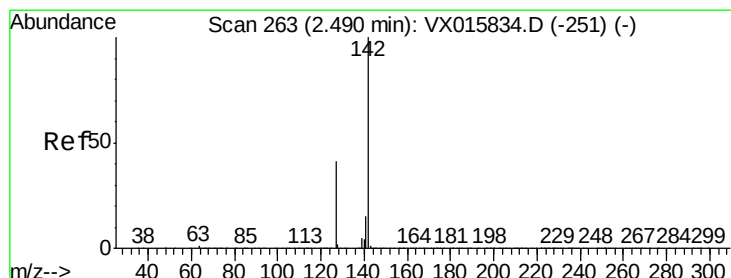
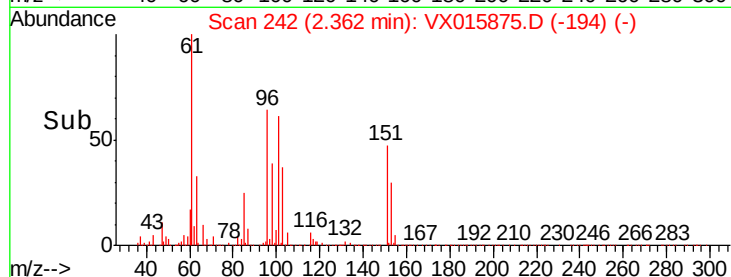
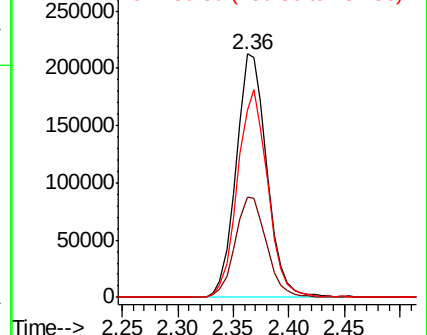
151 84.2 67.8 101.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 34.256 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

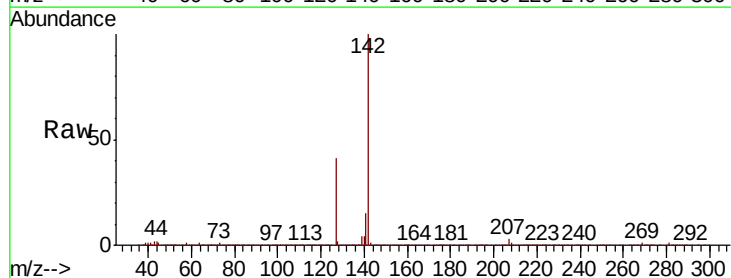
Tgt Ion:142 Resp: 347116

Ion Ratio Lower Upper

142 100

127 40.7 33.3 49.9

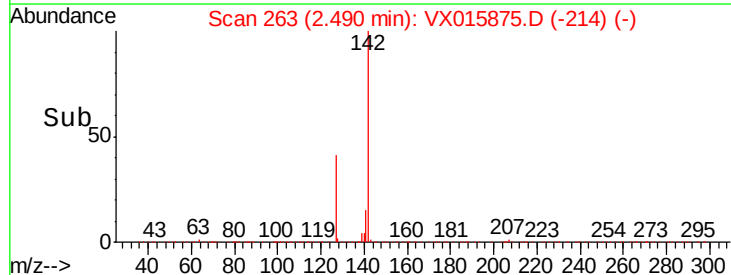
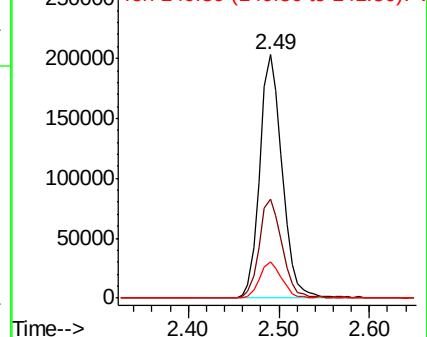
141 14.5 11.8 17.6

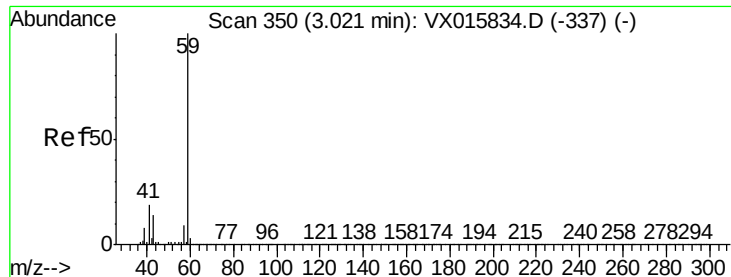


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



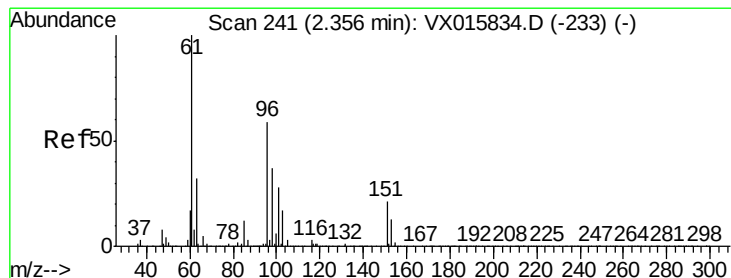
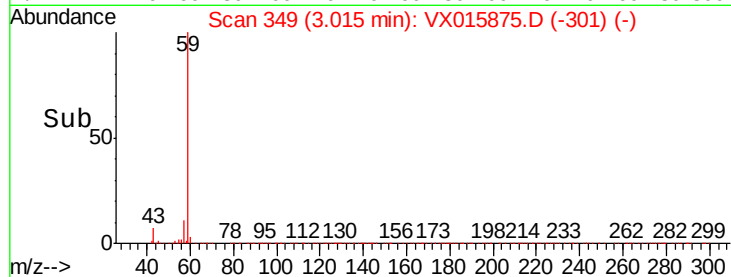
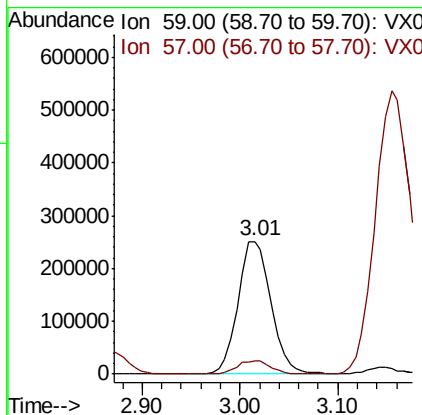
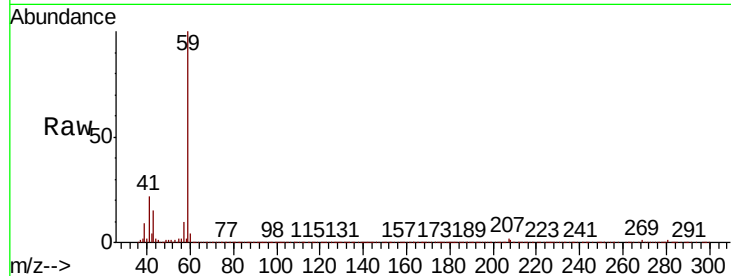


#11

Tert butyl alcohol
Concen: 263.465 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

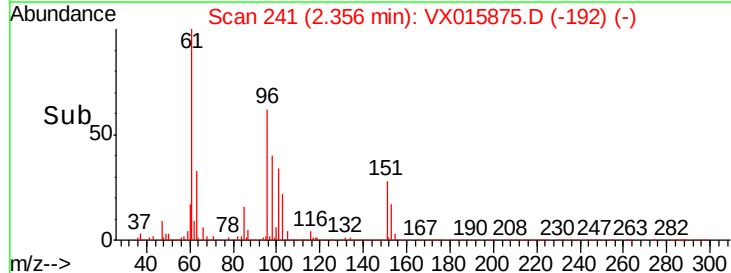
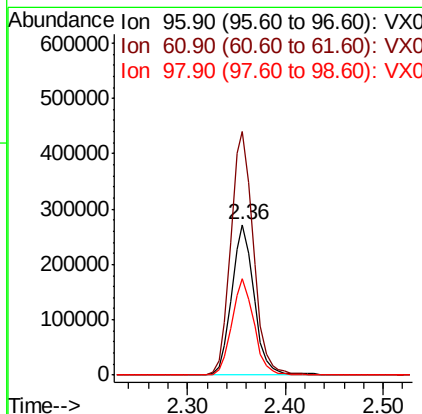
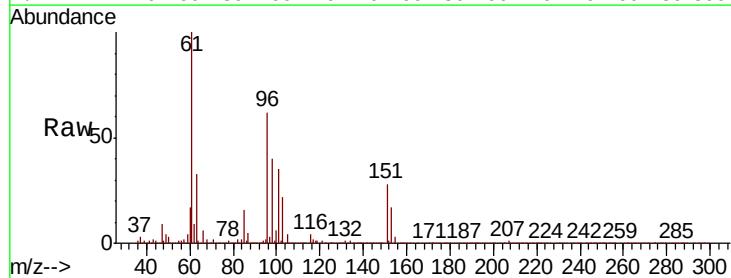
Tot Ion: 59 Resp: 587977
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2

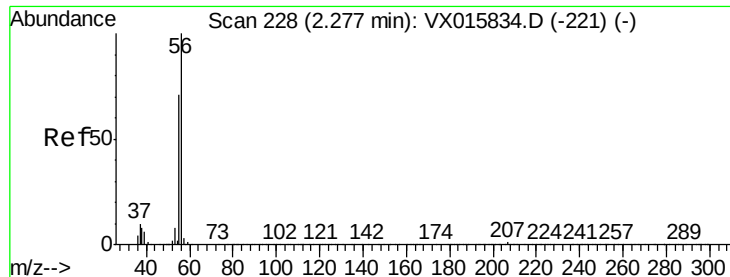


#12

1,1-Dichloroethene
Concen: 50.538 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion: 96 Resp: 425109
Ion Ratio Lower Upper
96 100
61 162.0 135.0 202.6
98 64.4 50.6 76.0

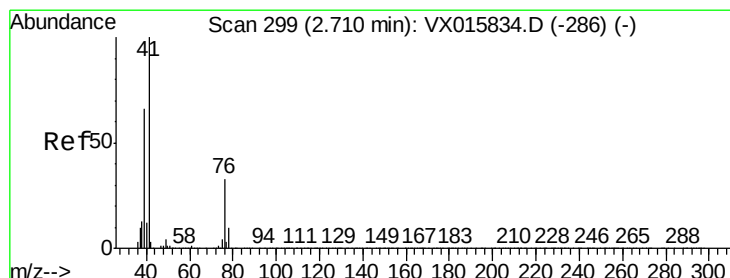
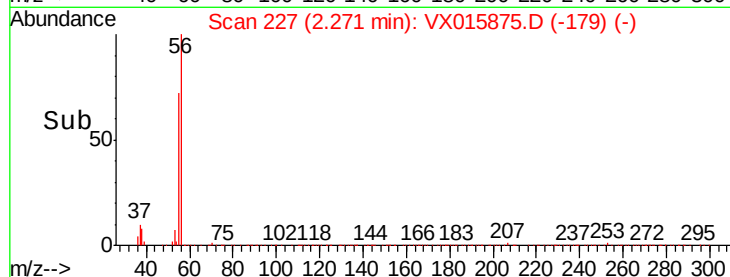
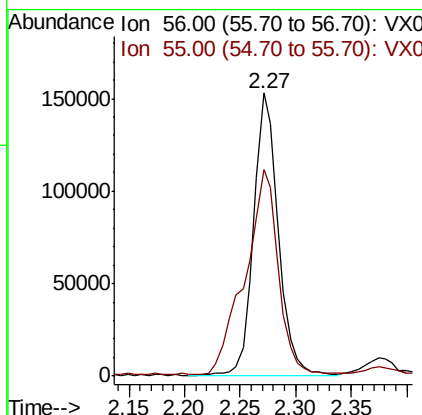
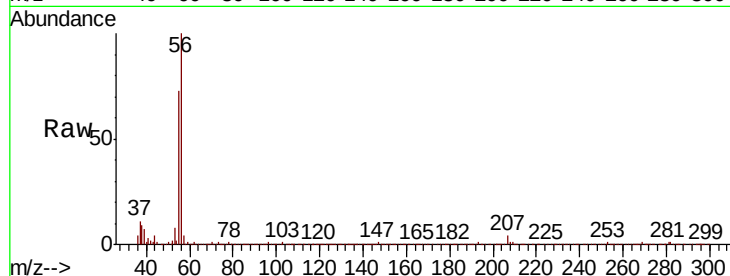




#13
Acrolein
Concen: 178.305 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

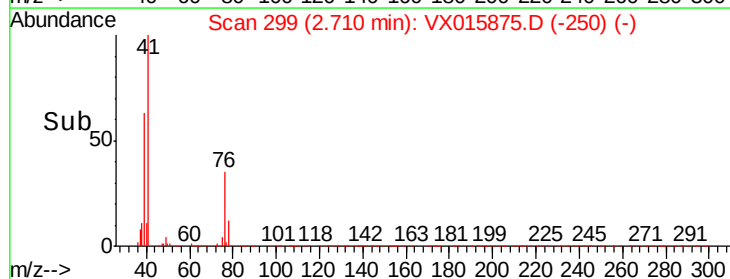
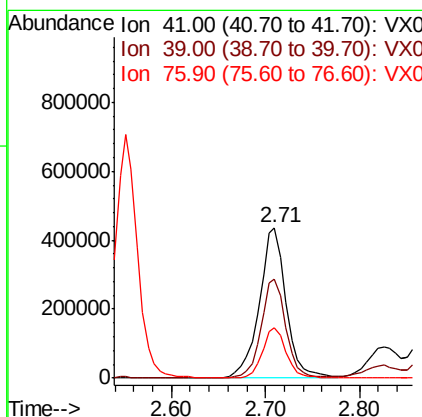
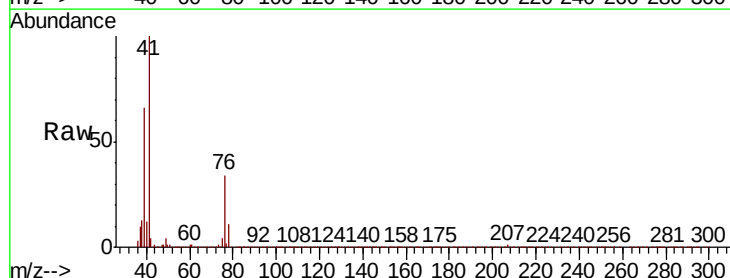
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

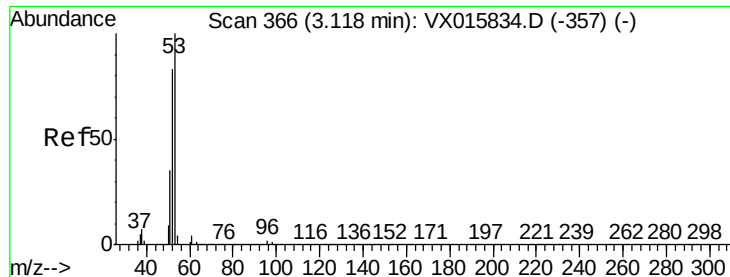
Tot Ion: 56 Resp: 235451
Ion Ratio Lower Upper
56 100
55 97.4 56.1 84.1#



#14
Allyl chloride
Concen: 48.731 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion: 41 Resp: 871046
Ion Ratio Lower Upper
41 100
39 60.2 48.4 72.6
76 29.3 23.8 35.8





#15

Acrylonitrile

Concen: 269.438 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

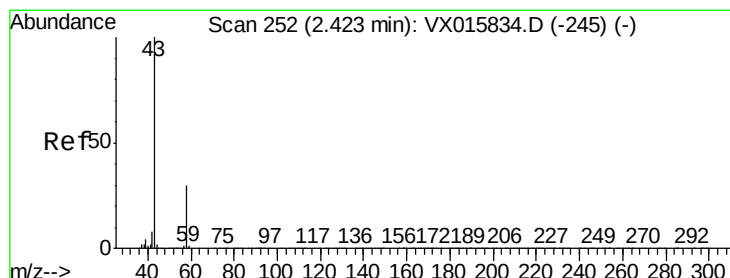
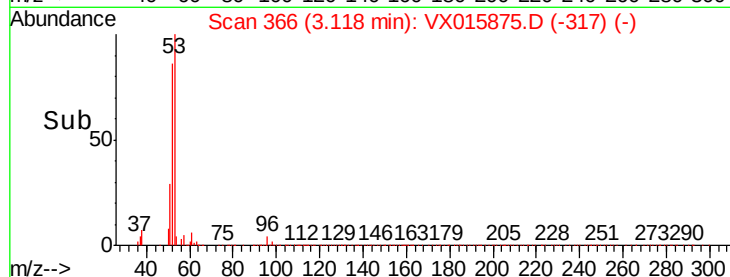
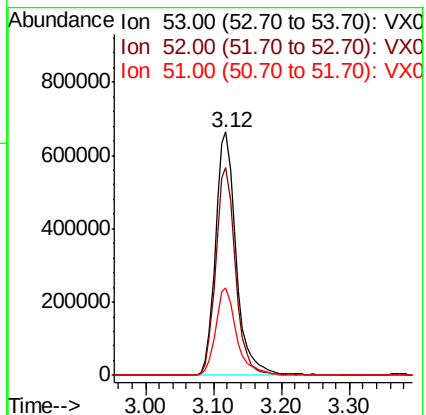
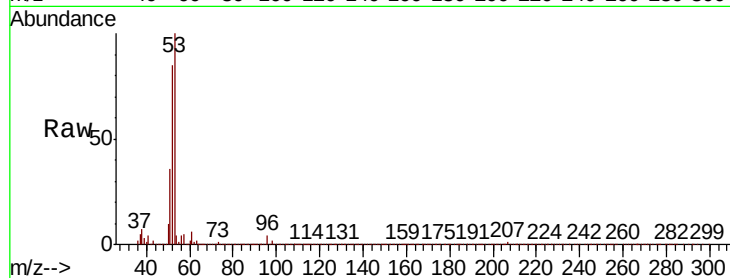
MSVOA_X

ClientSampleId :

KY001MW079-200421MS

Tot Ion: 53 Resp: 1395725

Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.2	99.4
51	36.5	28.6	43.0



#16

Acetone

Concen: 249.000 ug/l

RT: 2.42 min Scan# 251

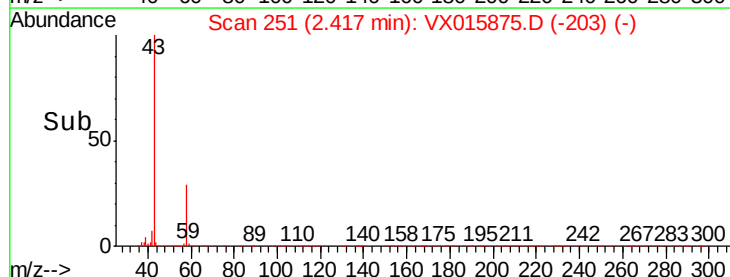
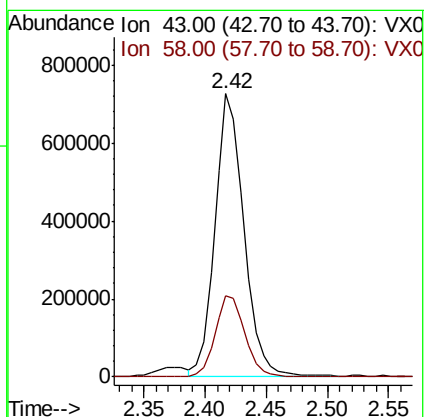
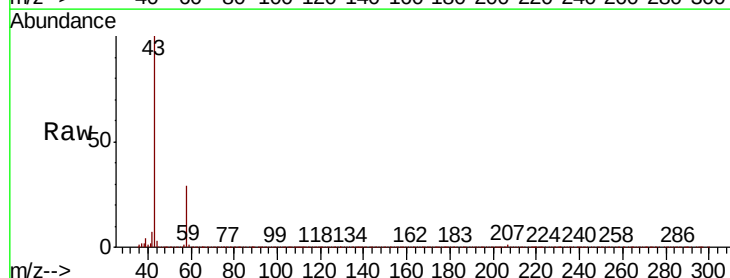
Delta R.T. -0.01 min

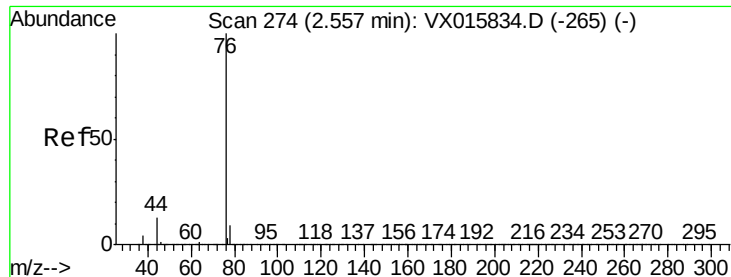
Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Tgt Ion: 43 Resp: 1184250

Ion	Ratio	Lower	Upper
43	100		
58	28.7	24.0	36.0





#17

Carbon Disulfide

Concen: 38.144 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

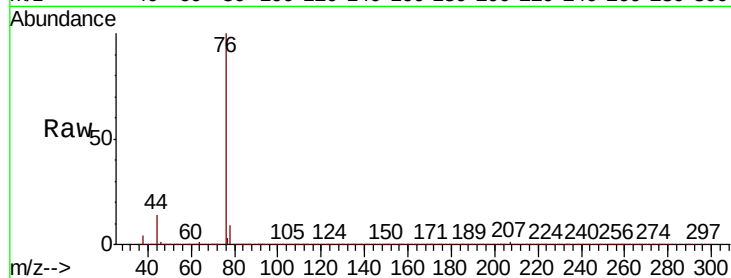
KY001MW079-200421MS

Tot Ion: 76 Resp: 1165178

Ion Ratio Lower Upper

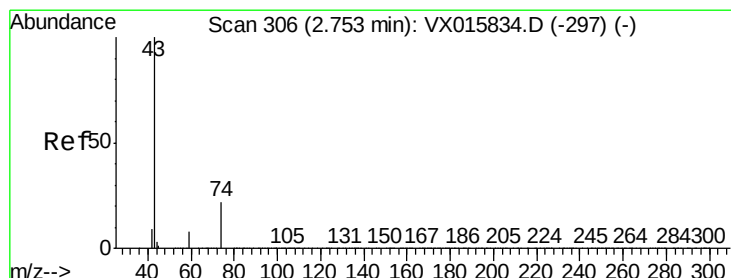
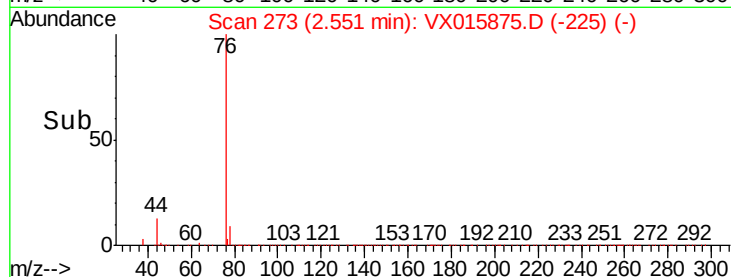
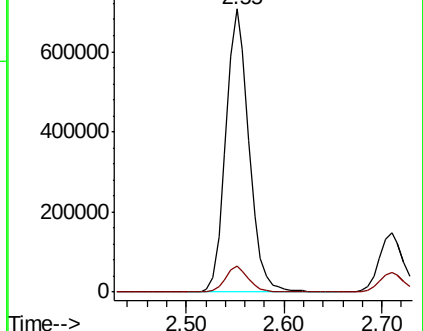
76 100

78 9.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.348 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015875.D

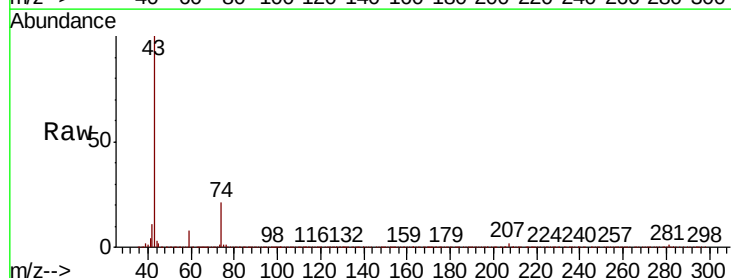
Acq: 23 Apr 2020 05:28

Tgt Ion: 43 Resp: 774815

Ion Ratio Lower Upper

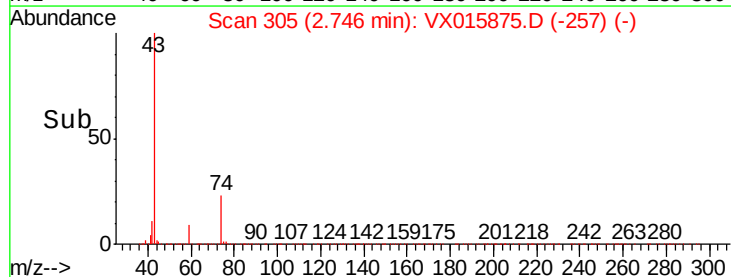
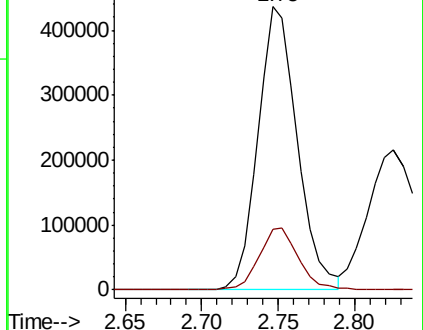
43 100

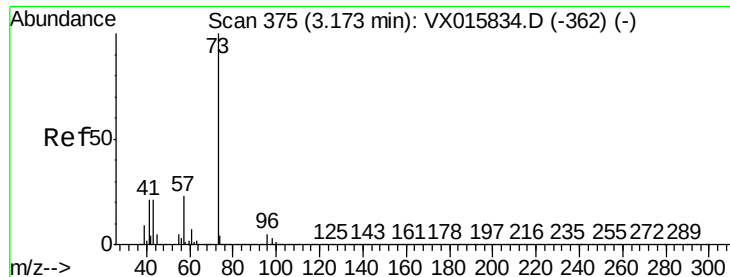
74 22.4 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 71.716 ug/l

RT: 3.17 min Scan# 374

Delta R.T. -0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

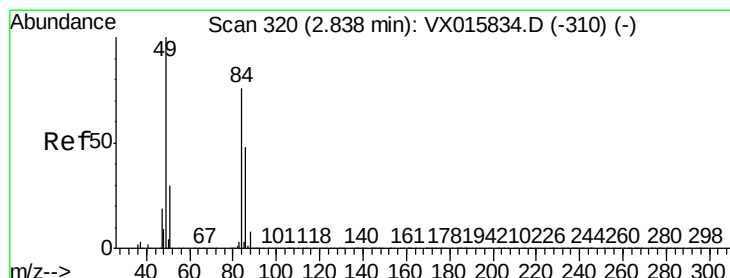
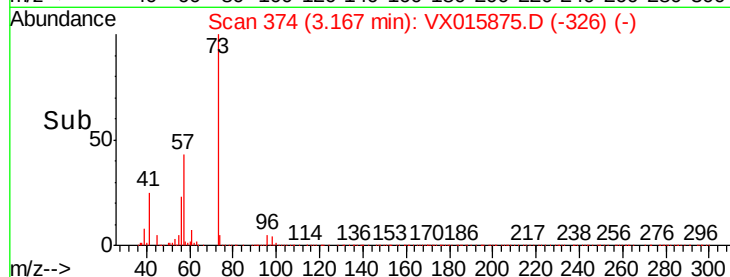
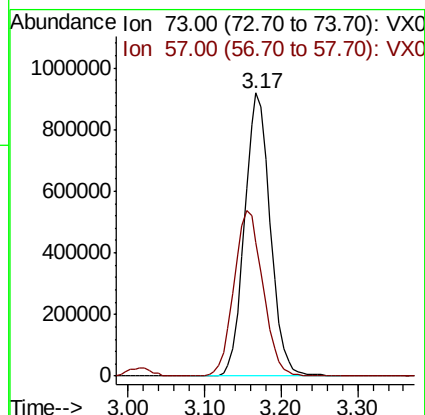
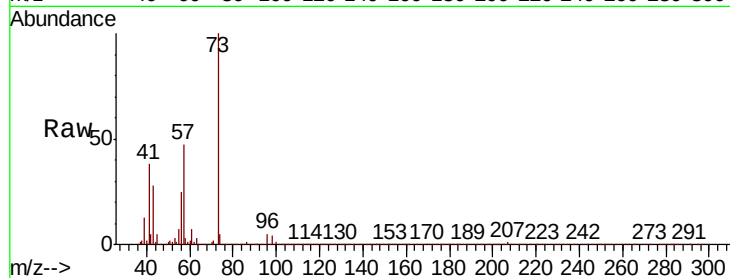
KY001MW079-200421MS

Tot Ion: 73 Resp: 2129640

Ion Ratio Lower Upper

73 100

57 47.1 18.1 27.1#



#20

Methylene Chloride

Concen: 49.648 ug/l

RT: 2.84 min Scan# 320

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Tgt Ion: 84 Resp: 479354

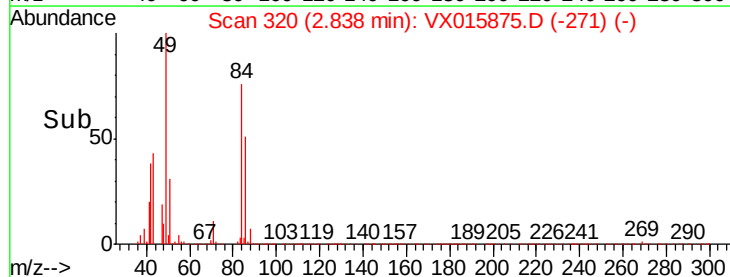
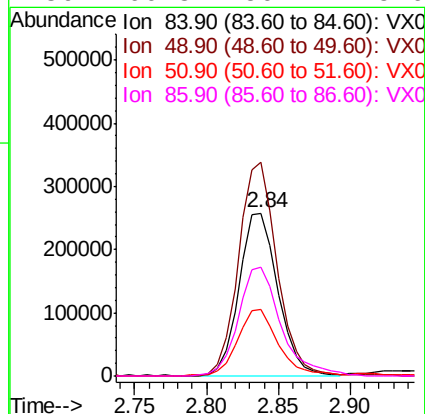
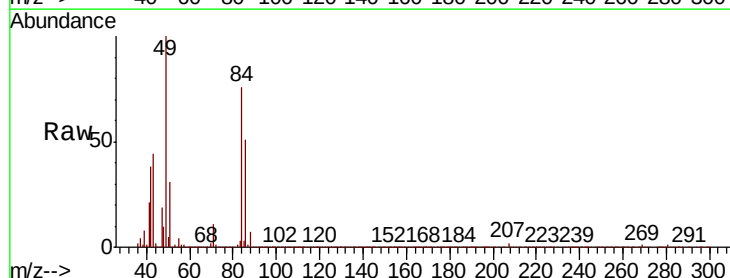
Ion Ratio Lower Upper

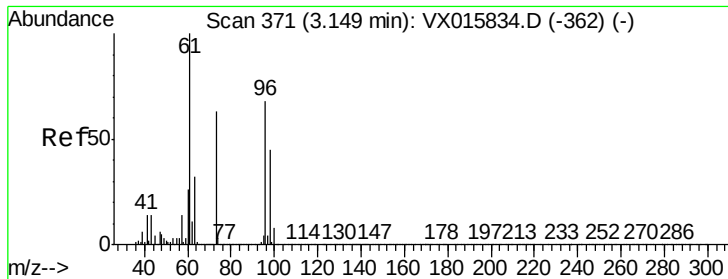
84 100

49 131.2 104.9 157.3

51 40.8 32.0 48.0

86 66.8 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 49.990 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

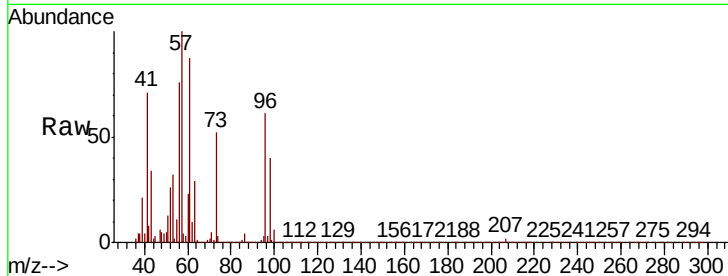
Tot Ion: 96 Resp: 466551

Ion Ratio Lower Upper

96 100

61 143.0 117.5 176.3

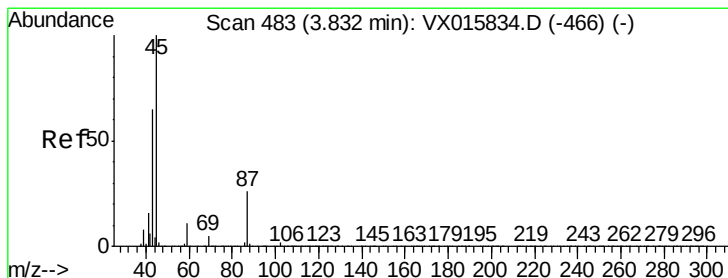
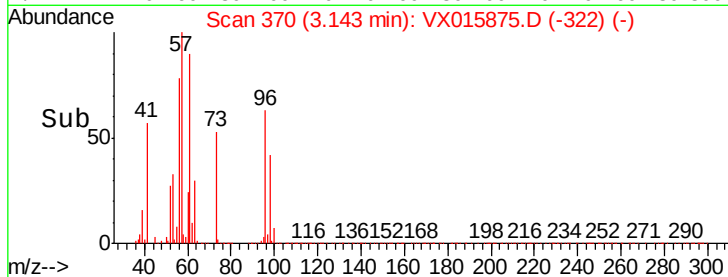
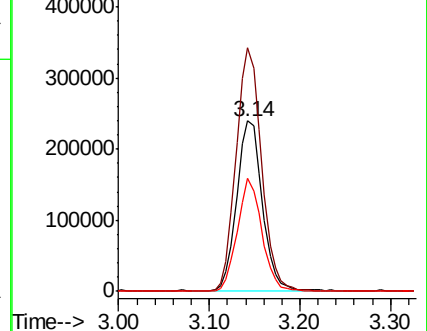
98 66.1 52.7 79.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.472 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Tgt Ion: 45 Resp: 1658258

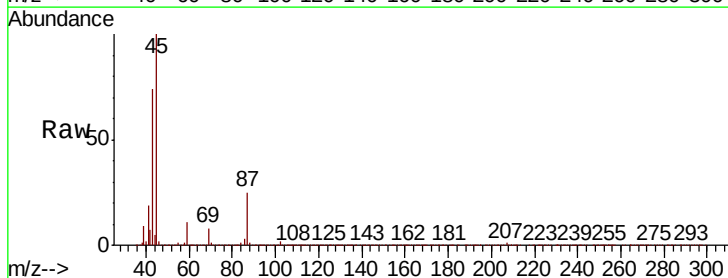
Ion Ratio Lower Upper

45 100

43 73.8 52.4 78.6

87 25.5 20.7 31.1

59 11.0 8.6 12.8

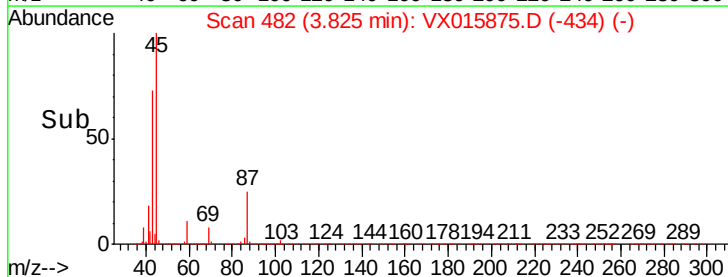
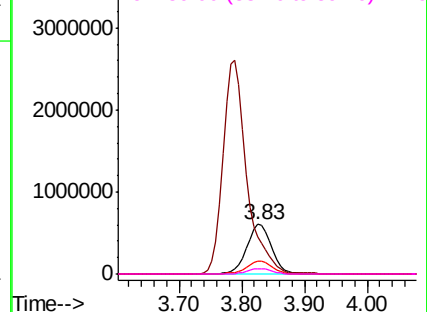


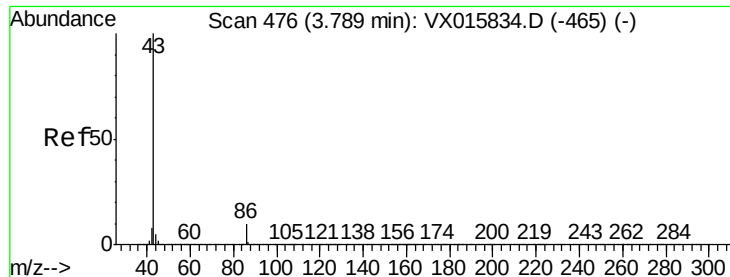
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 257.017 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

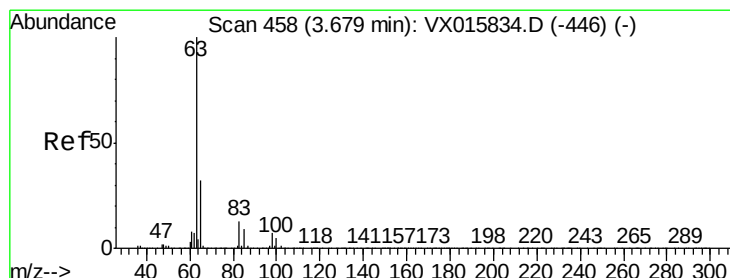
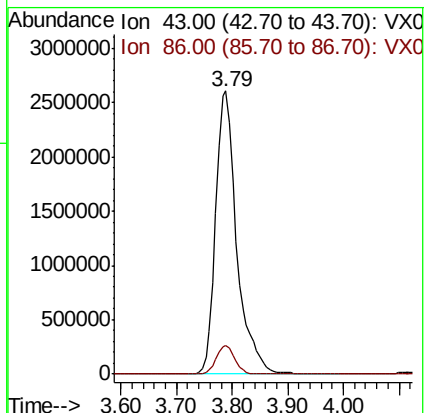
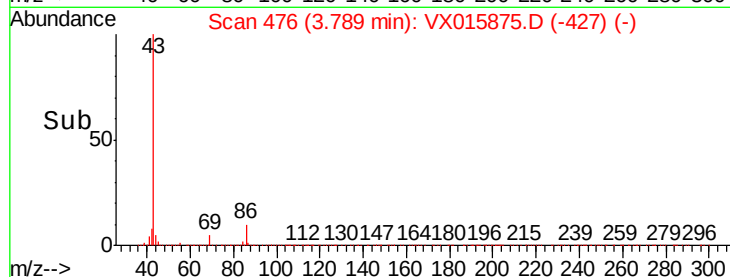
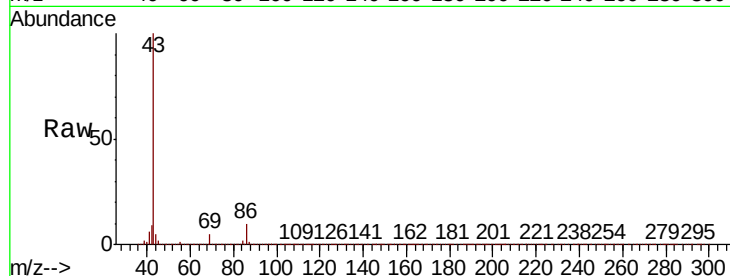
KY001MW079-200421MS

Tot Ion: 43 Resp: 6853109

Ion Ratio Lower Upper

43 100

86 9.9 8.0 12.0



#24

1,1-Dichloroethane

Concen: 51.478 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

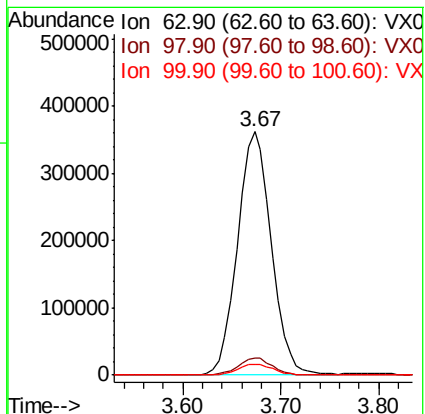
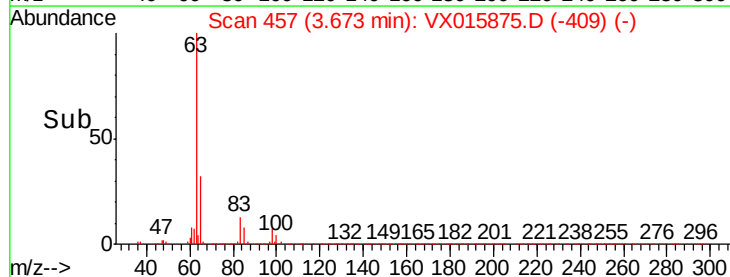
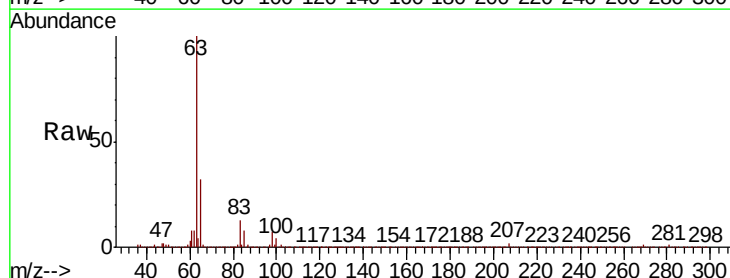
Tgt Ion: 63 Resp: 864405

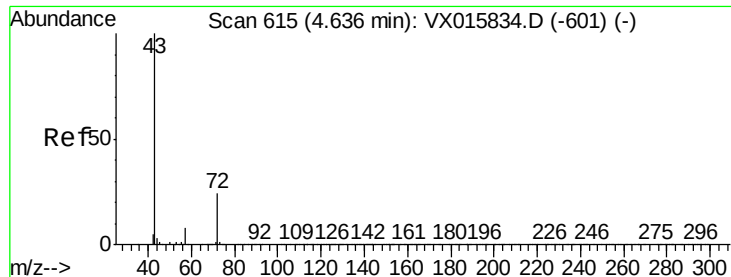
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 255.684 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

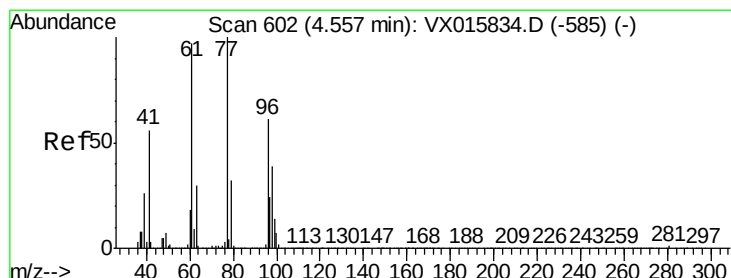
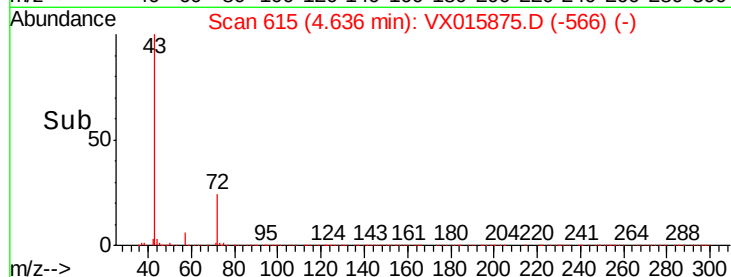
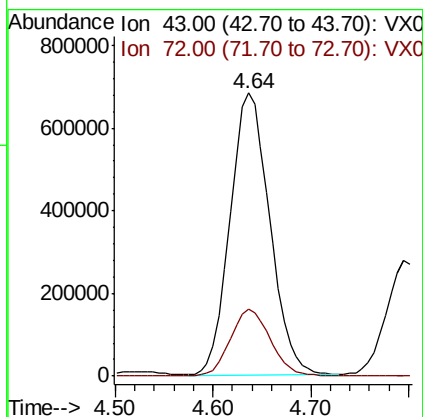
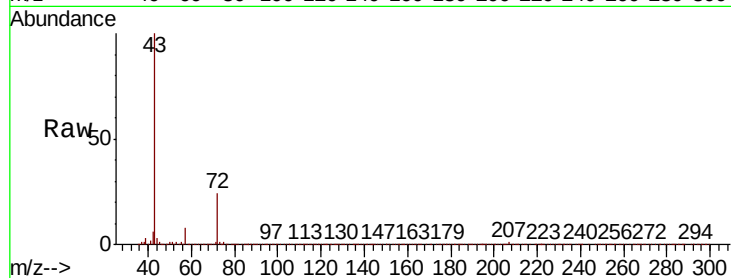
KY001MW079-200421MS

Tot Ion: 43 Resp: 1922059

Ion Ratio Lower Upper

43 100

72 23.7 19.4 29.2



#26

2,2-Dichloropropane

Concen: 35.375 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015875.D

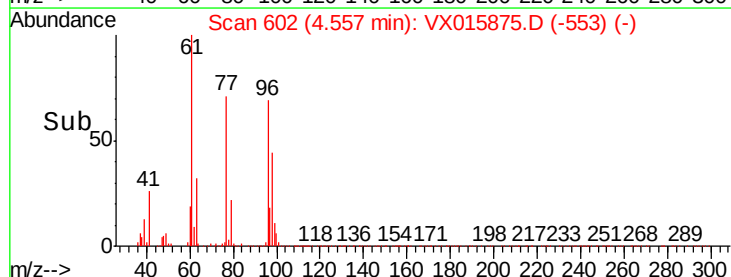
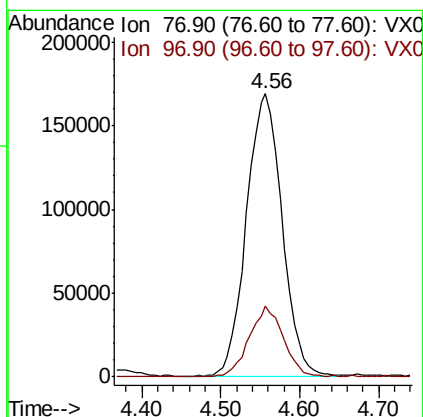
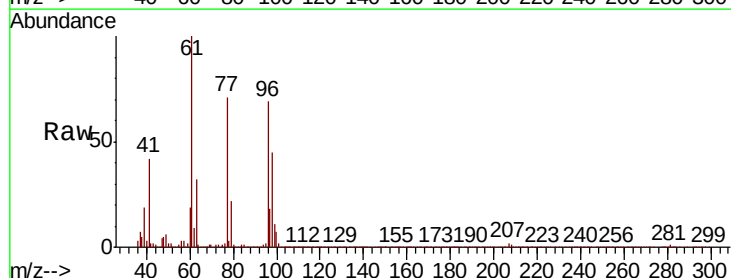
Acq: 23 Apr 2020 05:28

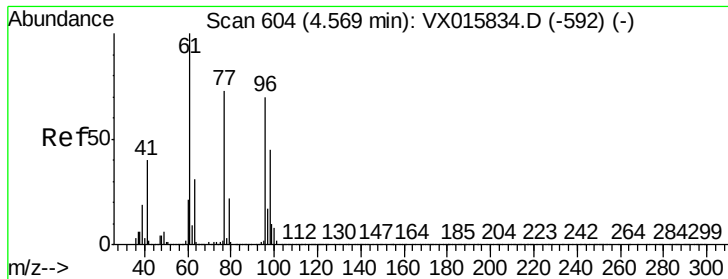
Tgt Ion: 77 Resp: 530624

Ion Ratio Lower Upper

77 100

97 24.1 11.4 34.1



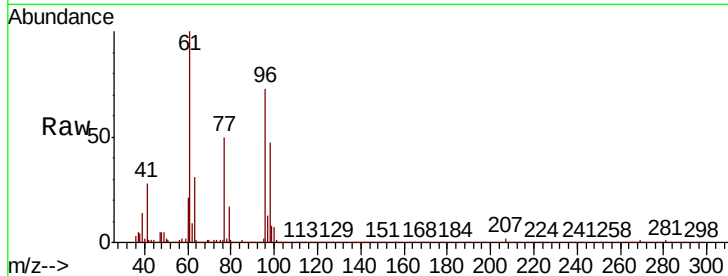


#27

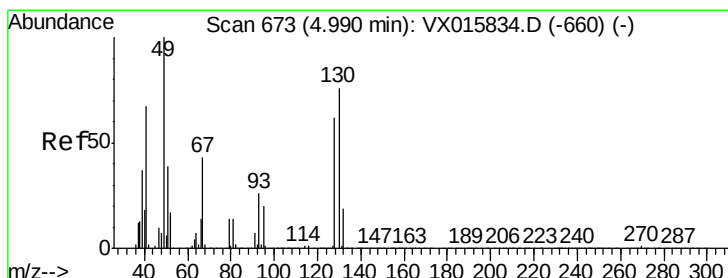
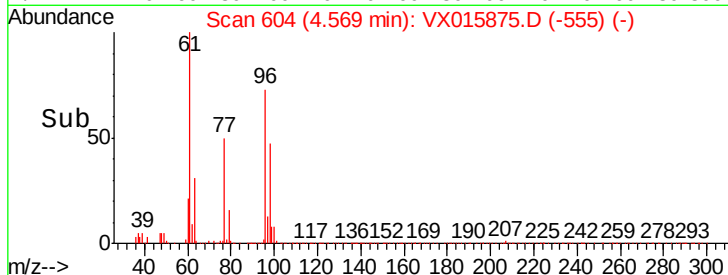
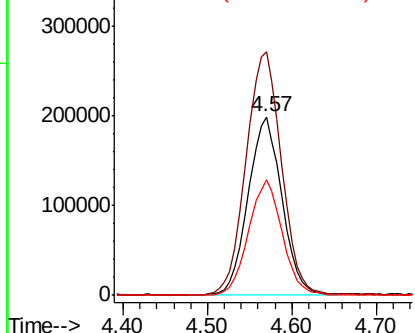
cis-1,2-Dichloroethene
Concen: 50.831 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	299.4
98	64.3	0.0	129.6



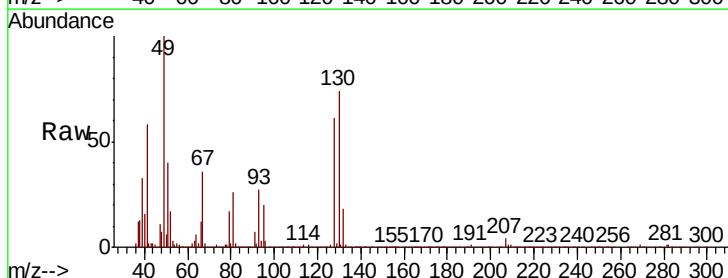
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



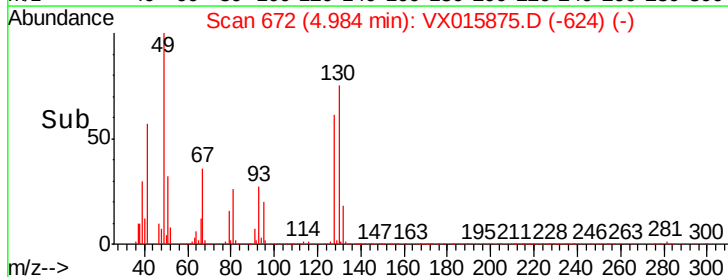
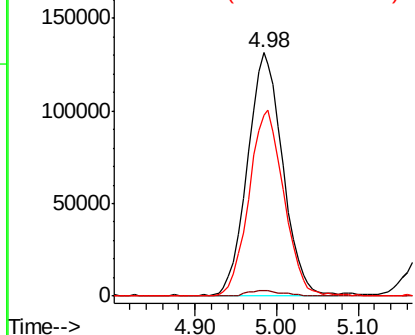
#28

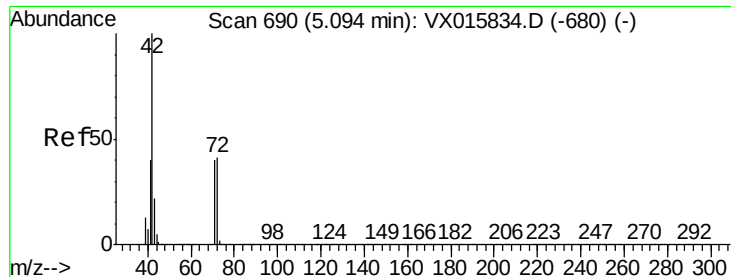
Bromochloromethane
Concen: 44.781 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	1.8#
130	76.2	62.4	93.6



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





#29

Tetrahydrofuran

Concen: 255.853 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

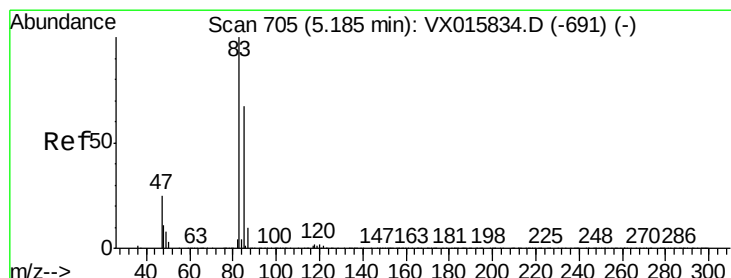
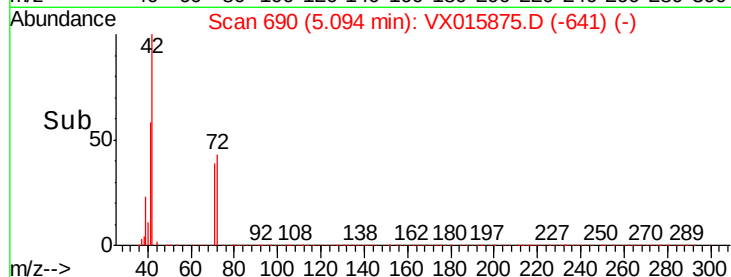
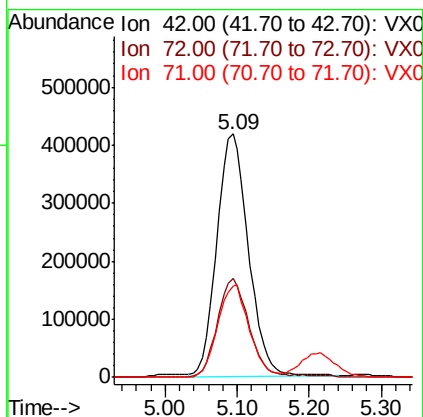
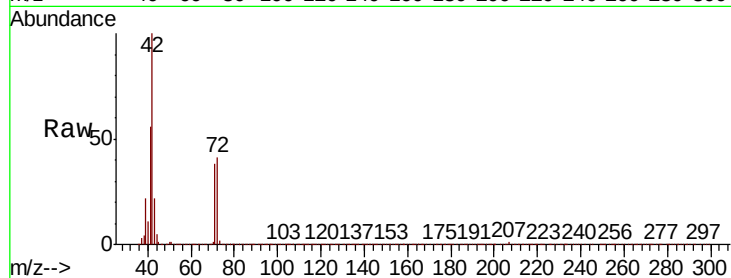
Tot Ion: 42 Resp: 1272157

Ion Ratio Lower Upper

42 100

72 40.6 33.0 49.6

71 38.0 30.6 45.8



#30

Chloroform

Concen: 54.966 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015875.D

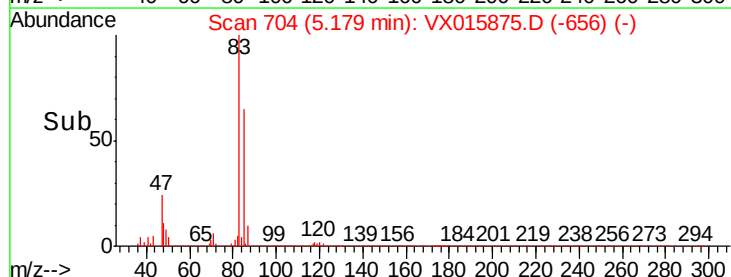
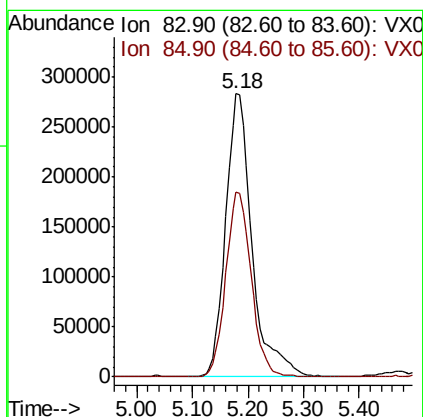
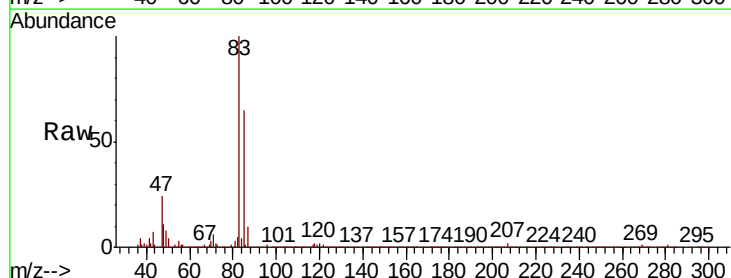
Acq: 23 Apr 2020 05:28

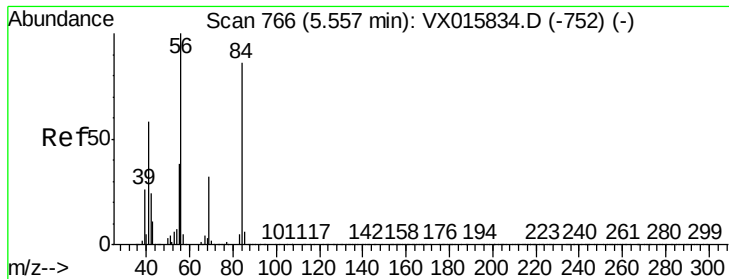
Tgt Ion: 83 Resp: 928630

Ion Ratio Lower Upper

83 100

85 65.0 53.4 80.0

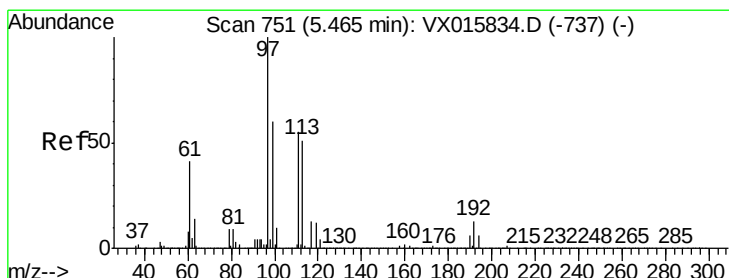
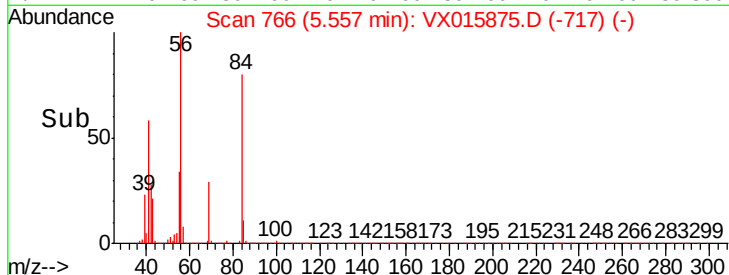
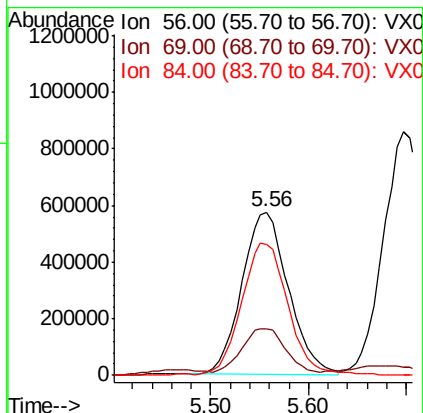
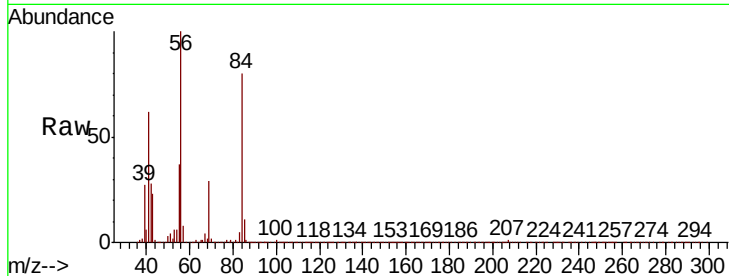




#31
Cyclohexane
Concen: 118.226 ug/l
RT: 5.56 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

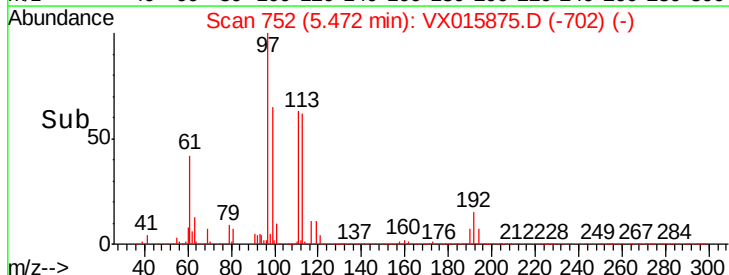
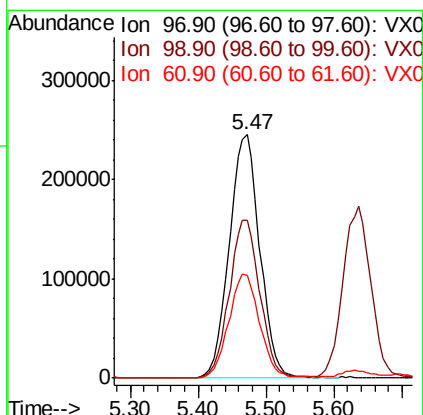
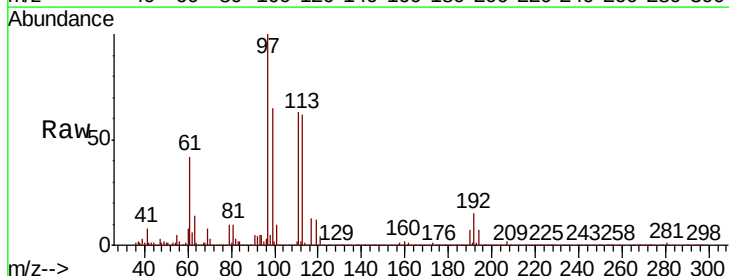
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

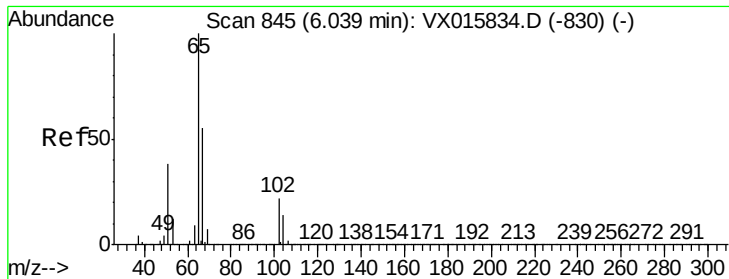
Tot Ion: 56 Resp: 1886680
Ion Ratio Lower Upper
56 100
69 26.2 25.3 37.9
84 80.2 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 50.777 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion: 97 Resp: 764884
Ion Ratio Lower Upper
97 100
99 64.8 51.2 76.8
61 42.5 34.1 51.1

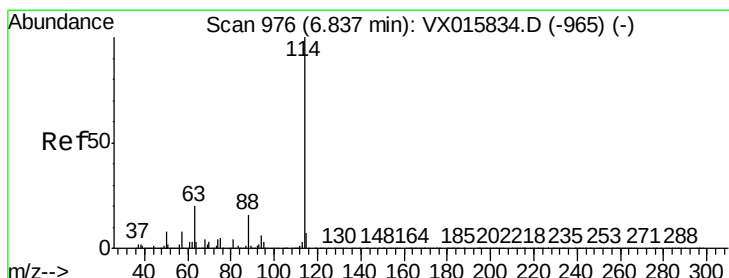
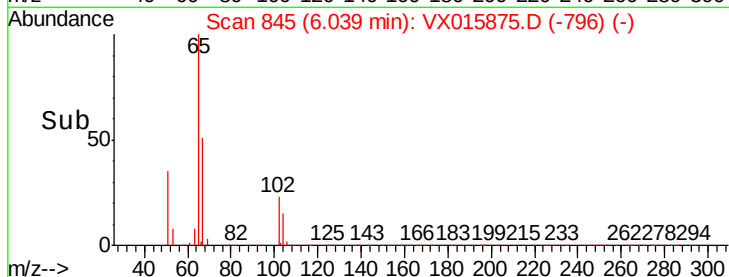
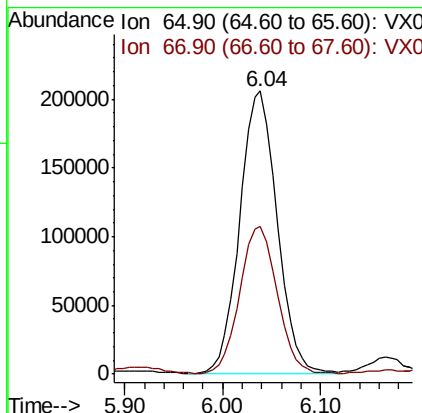
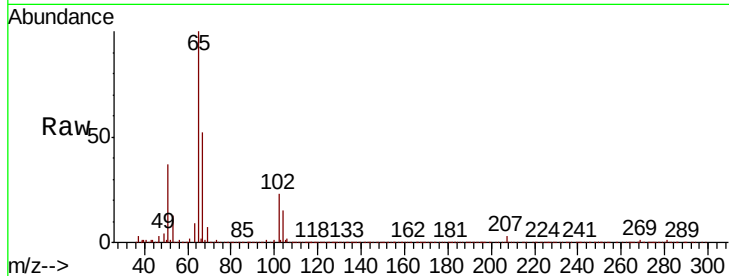




#33
 1,2-Dichloroethane-d4
 Concen: 49.917 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

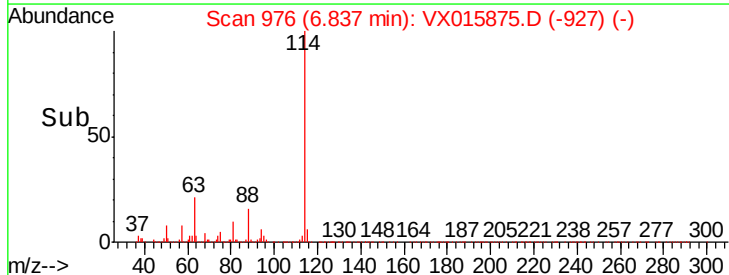
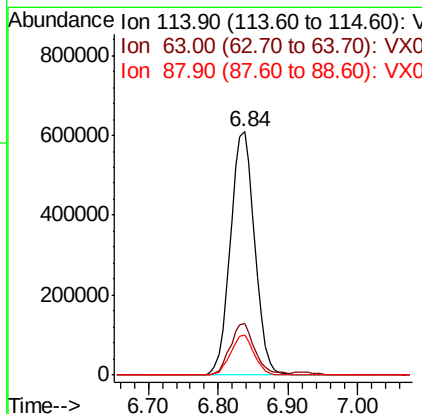
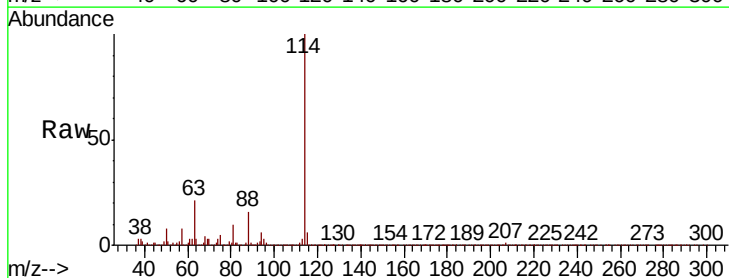
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MS

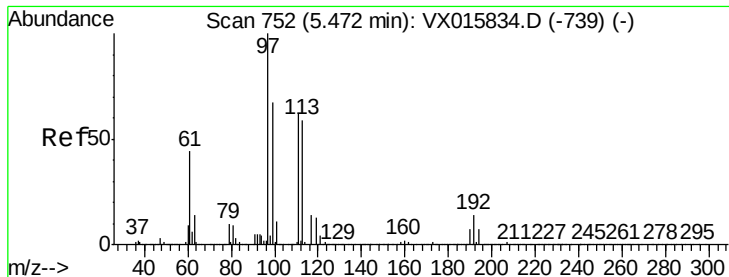
Tot Ion: 65 Resp: 545227
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

Tgt Ion: 114 Resp: 1467798
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.6
 88 16.2 0.0 32.8

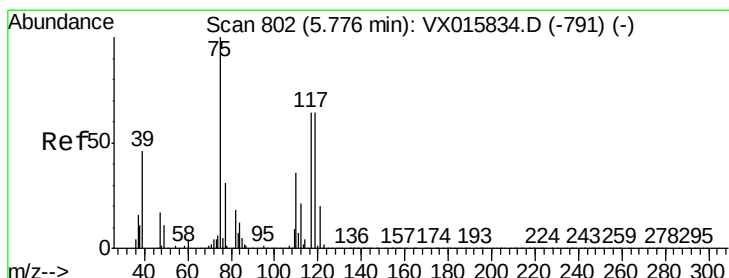
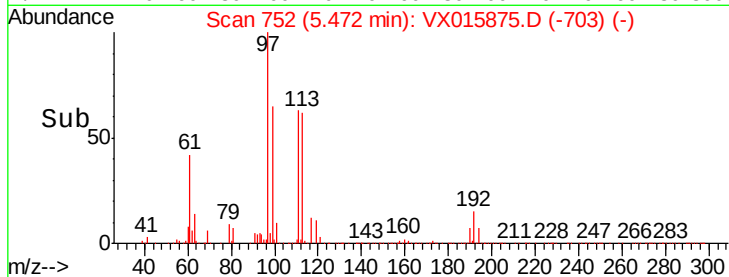
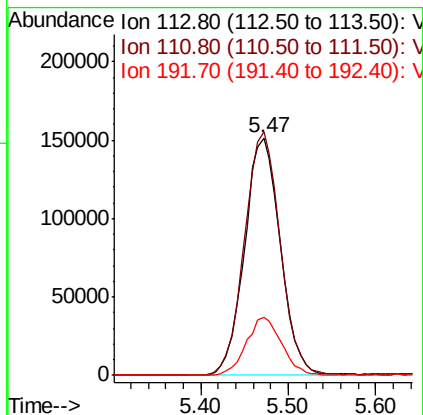
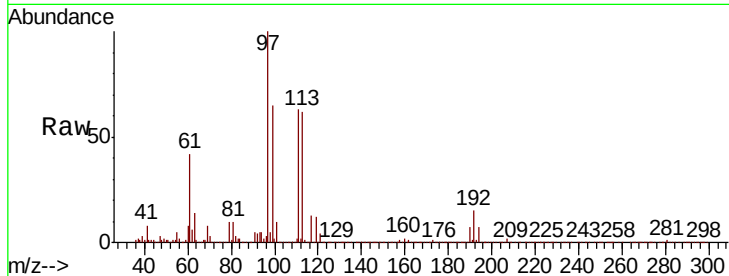




#35
 Dibromofluoromethane
 Concen: 50.731 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

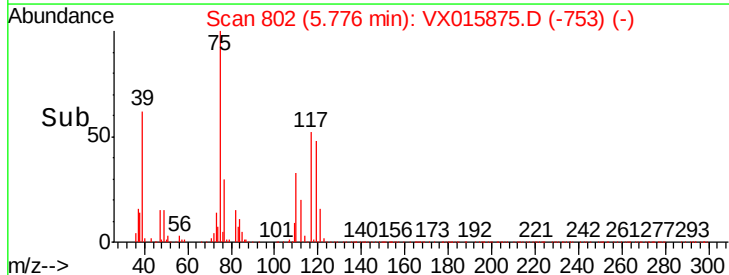
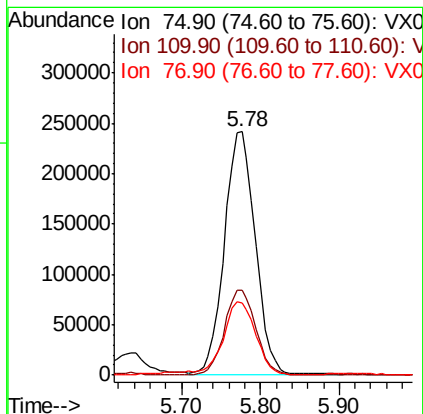
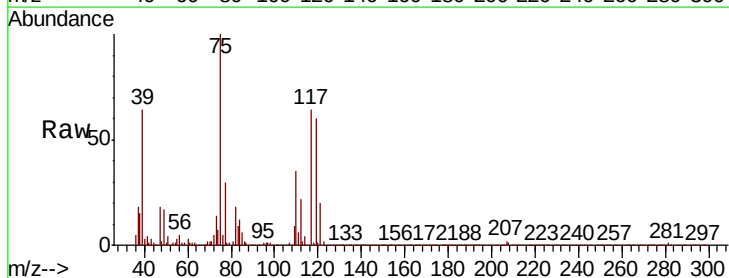
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MS

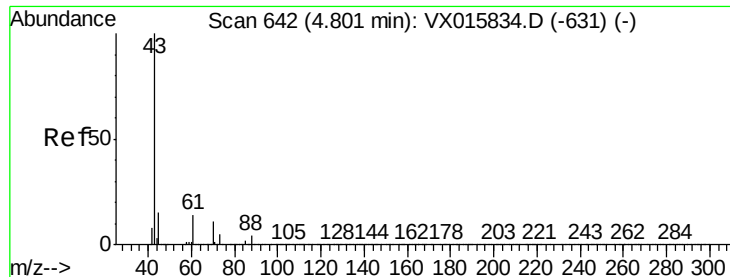
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.7	124.1
192	23.9	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 50.293 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.9	53.8
77	32.7	24.5	36.7

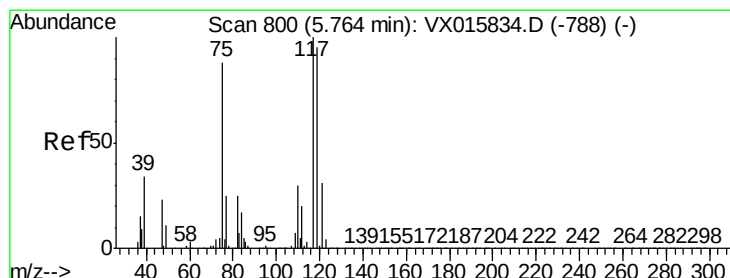
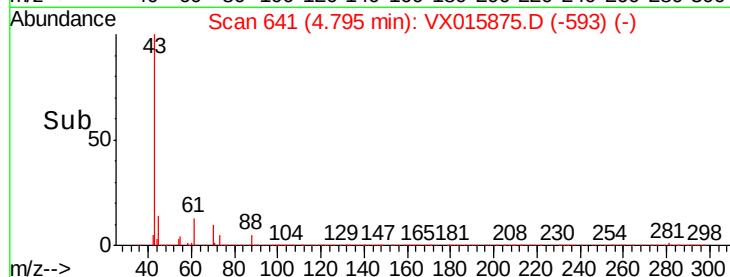
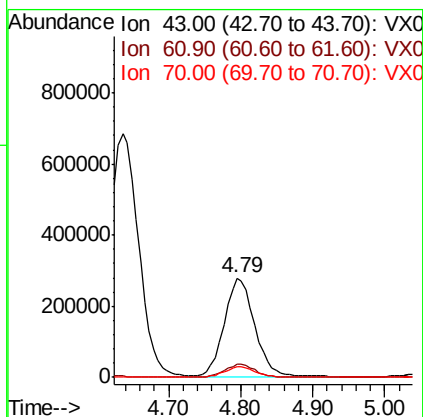
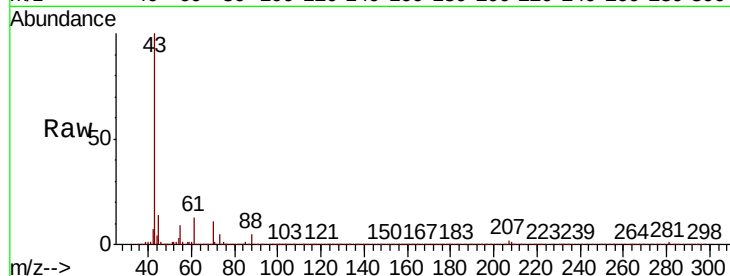




#37
Ethyl Acetate
Concen: 52.523 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

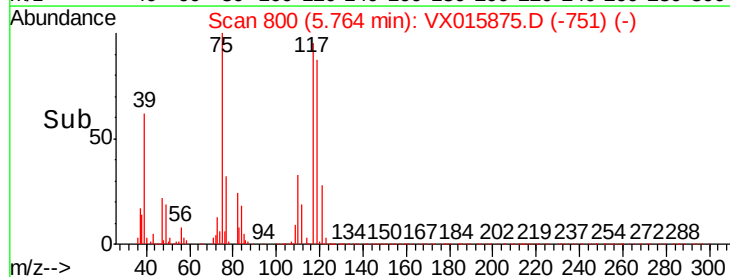
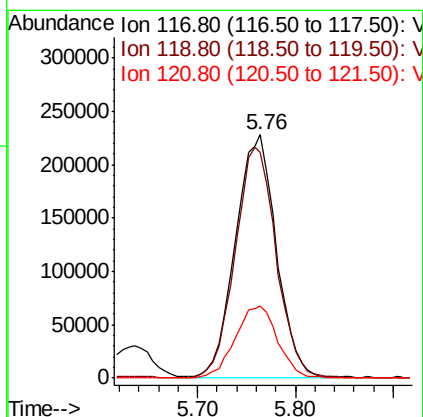
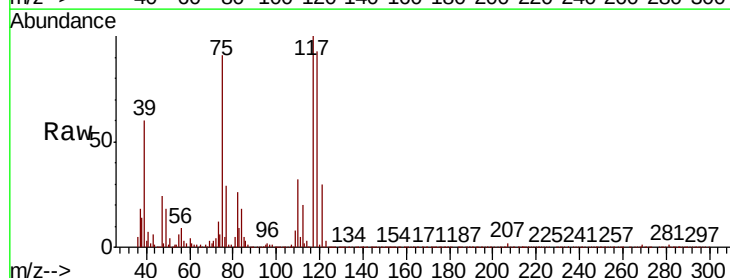
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

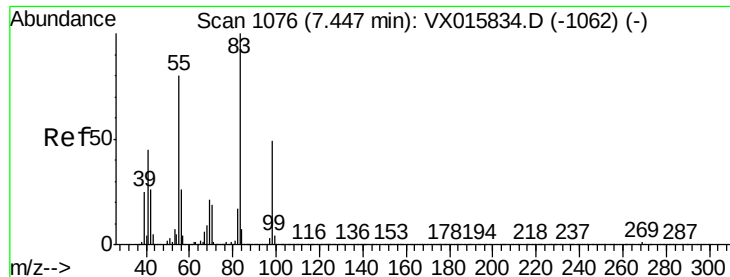
Tot Ion: 43 Resp: 813393
Ion Ratio Lower Upper
43 100
61 12.8 10.8 16.2
70 10.8 8.2 12.2



#38
Carbon Tetrachloride
Concen: 51.252 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion: 117 Resp: 656912
Ion Ratio Lower Upper
117 100
119 92.7 75.7 113.5
121 29.7 25.0 37.6

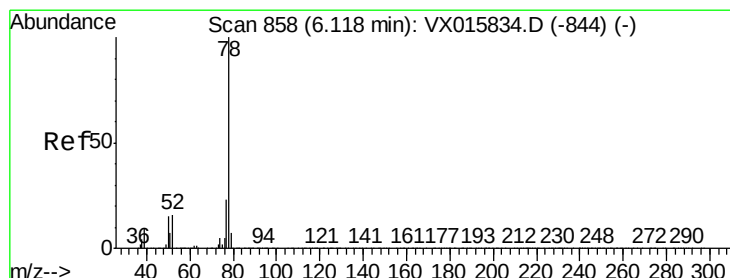
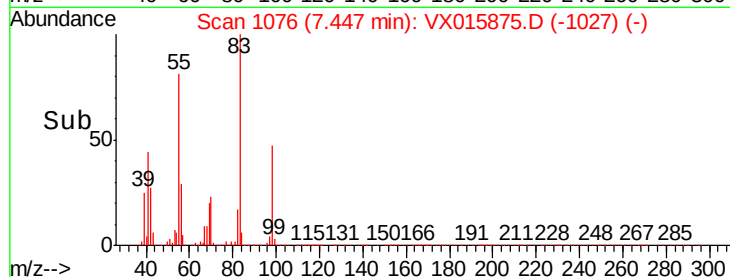
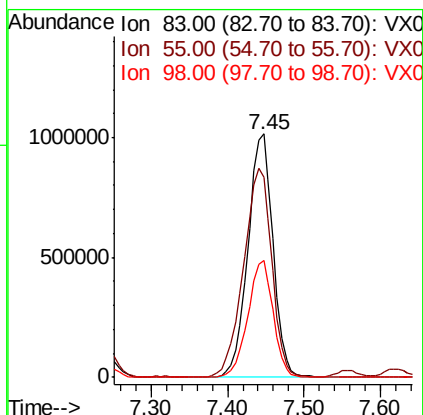
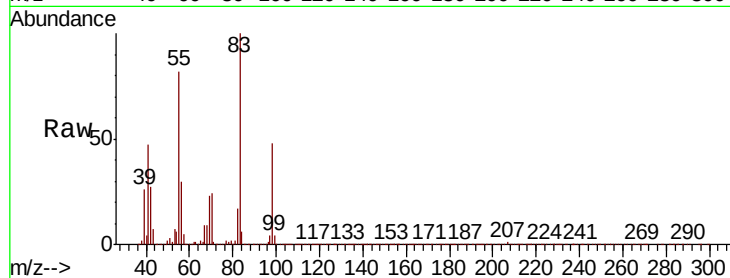




#39
Methylvlcyclohexane
Concen: 140.248 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

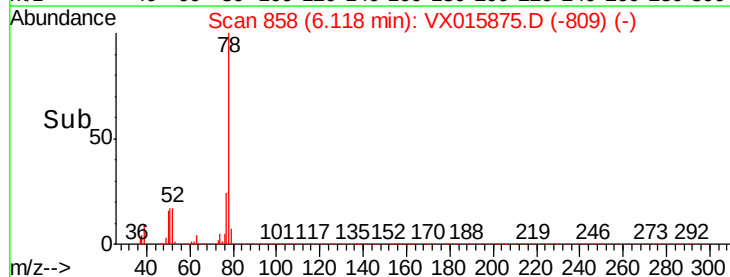
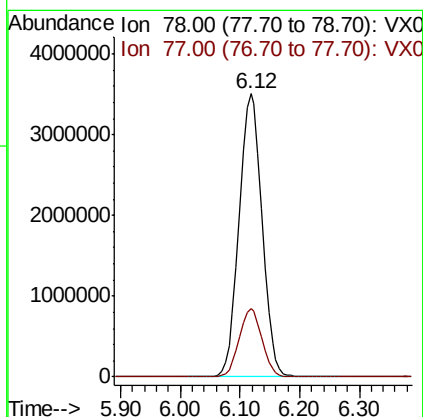
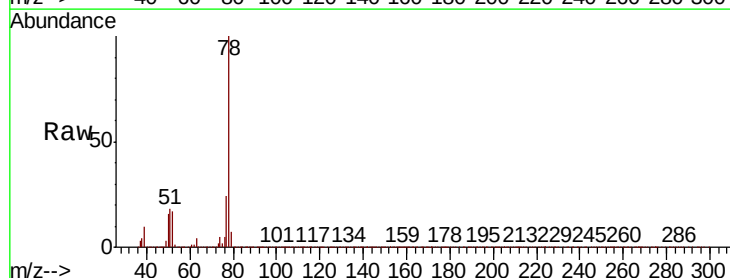
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

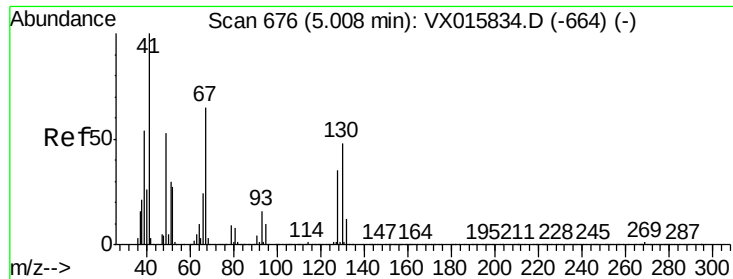
Tot Ion: 83 Resp: 2311041
Ion Ratio Lower Upper
83 100
55 82.0 64.2 96.4
98 48.1 39.3 58.9



#40
Benzene
Concen: 240.793 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion: 78 Resp: 9436952
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8

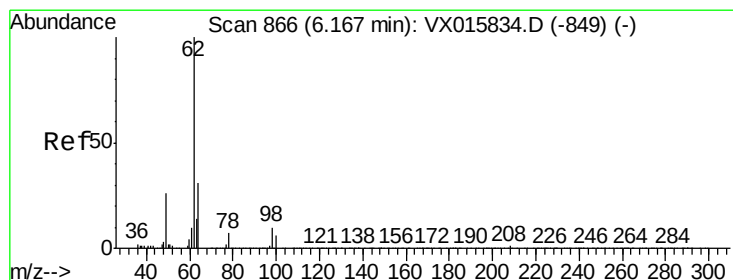
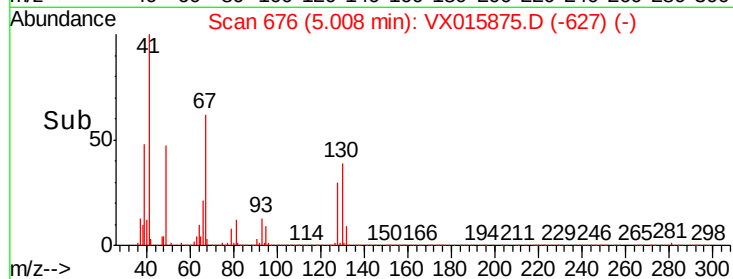
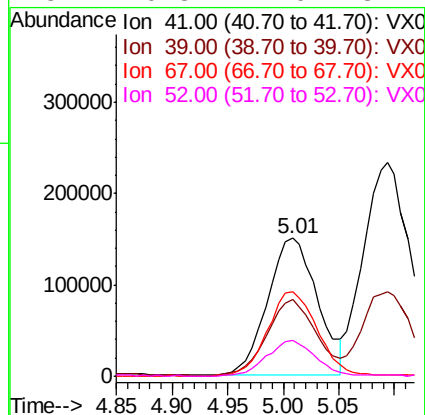
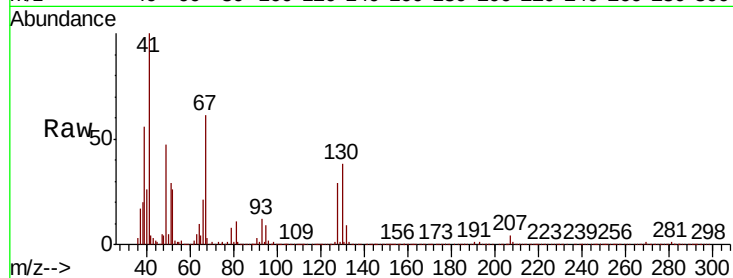




#41
Methacrylonitrile
Concen: 54.652 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

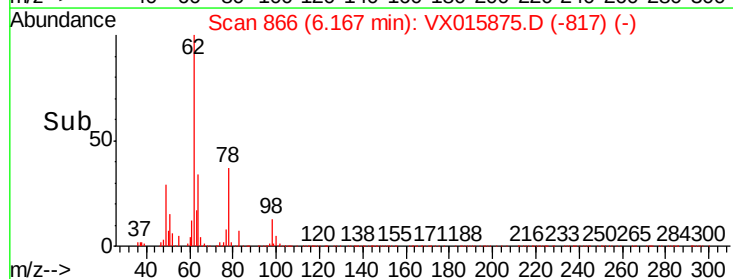
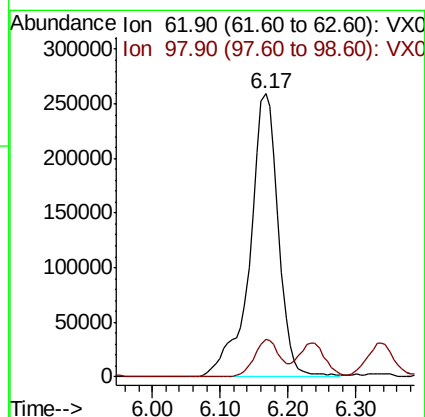
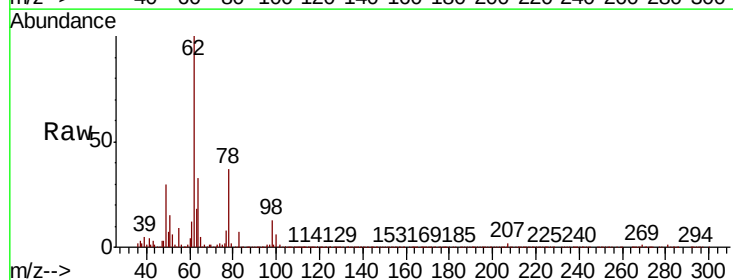
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

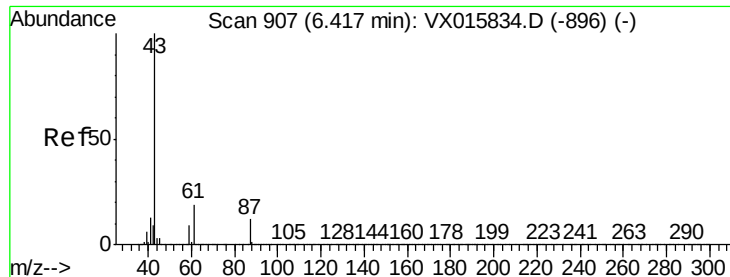
Tot Ion:	41	Resp:	470295
Ion	Ratio	Lower	Upper
41	100		
39	54.4	42.4	63.6
67	61.1	51.9	77.9
52	26.3	21.0	31.4



#42
1,2-Dichloroethane
Concen: 53.362 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion:	62	Resp:	753074
Ion	Ratio	Lower	Upper
62	100		
98	12.1	0.0	20.0





#43

Isopropyl Acetate

Concen: 51.708 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

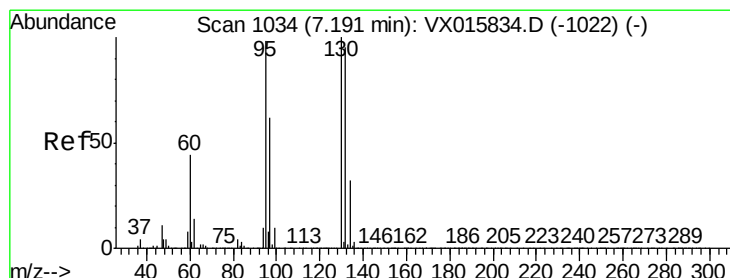
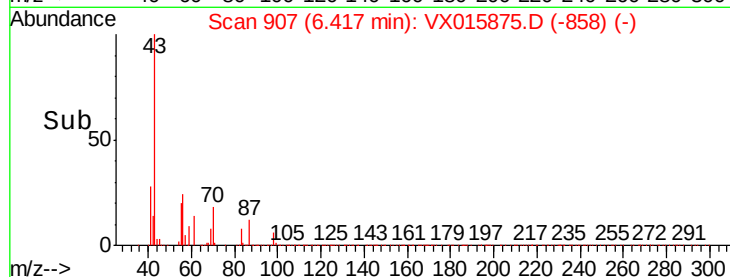
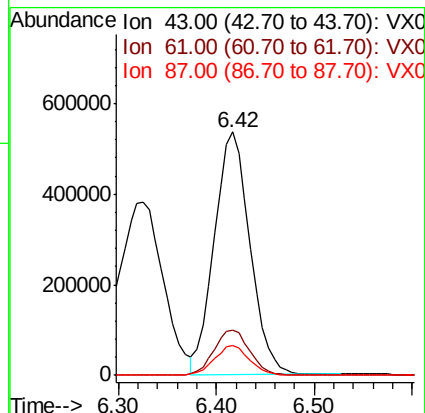
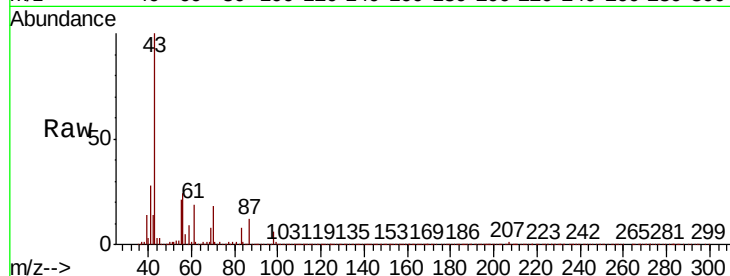
Tot Ion: 43 Resp: 1350748

Ion Ratio Lower Upper

43 100

61 18.5 15.4 23.2

87 11.8 9.8 14.6



#44

Trichloroethene

Concen: 46.234 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX015875.D

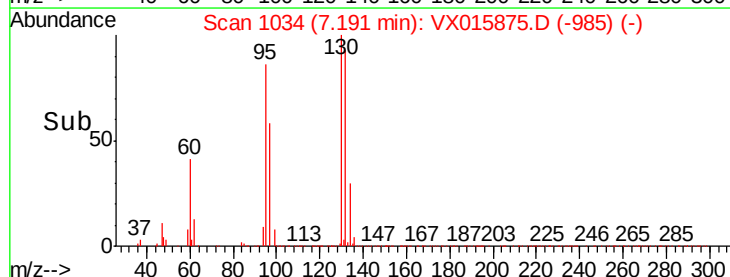
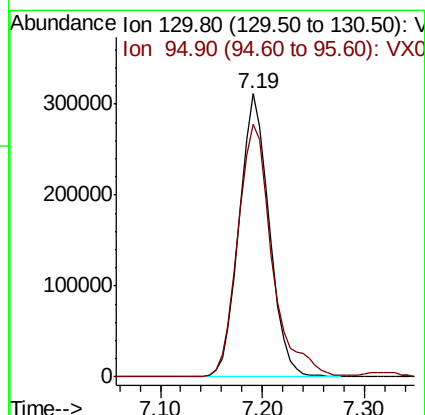
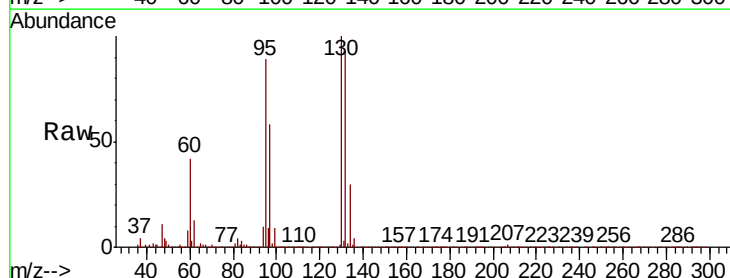
Acq: 23 Apr 2020 05:28

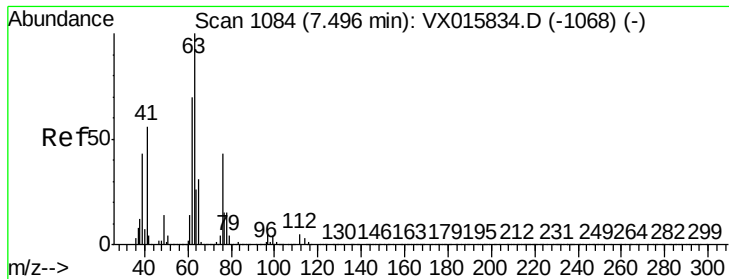
Tgt Ion:130 Resp: 636785

Ion Ratio Lower Upper

130 100

95 89.3 0.0 195.8

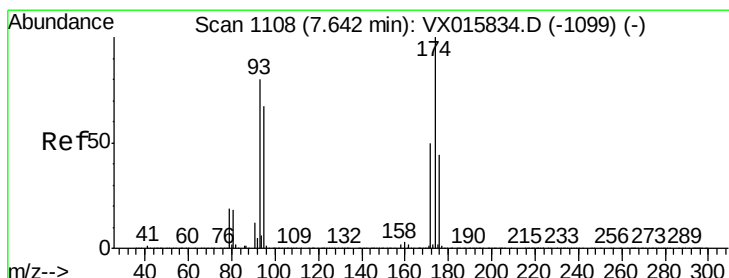
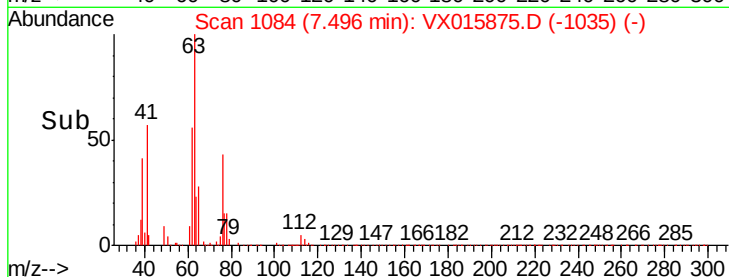
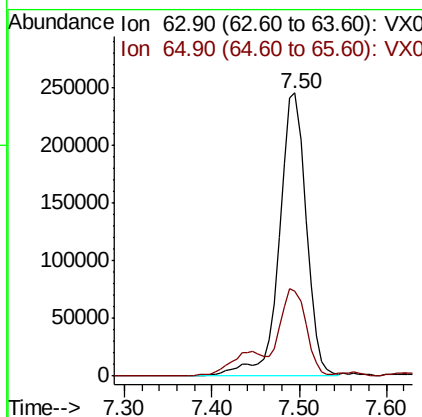
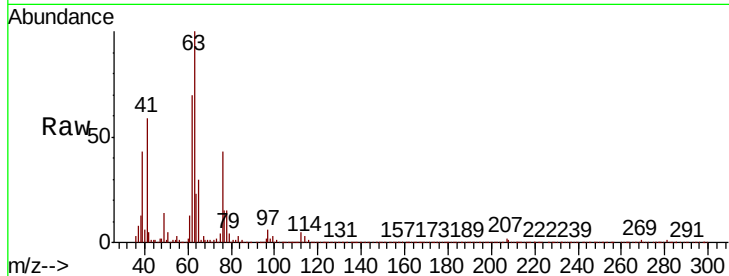




#45
 1,2-Dichloropropane
 Concen: 51.035 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

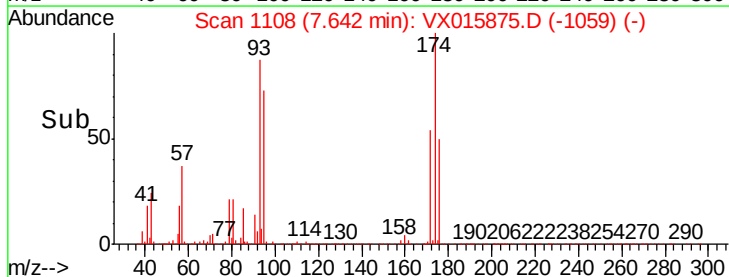
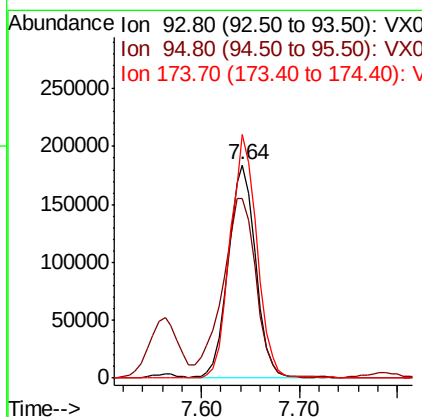
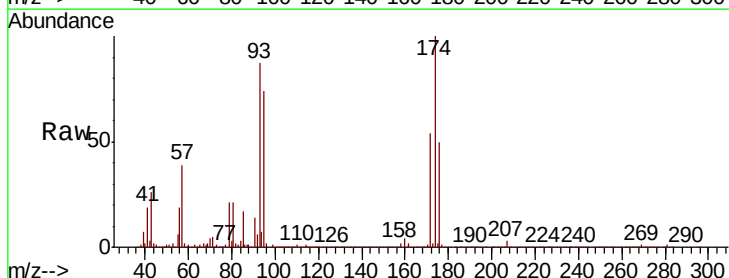
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MS

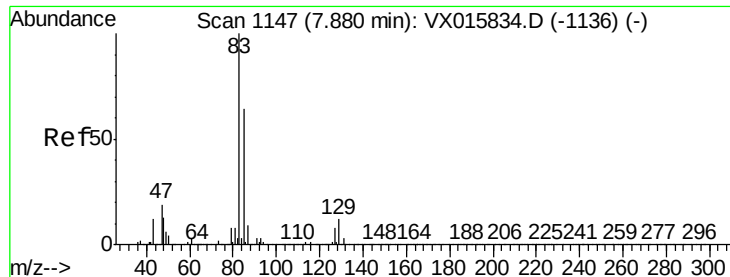
Tot Ion: 63 Resp: 524162
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.5 36.7



#46
 Dibromomethane
 Concen: 47.457 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

Tgt Ion: 93 Resp: 355809
 Ion Ratio Lower Upper
 93 100
 95 101.6 65.8 98.8#
 174 112.0 95.6 143.4





#47

Bromodichloromethane

Concen: 49.921 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

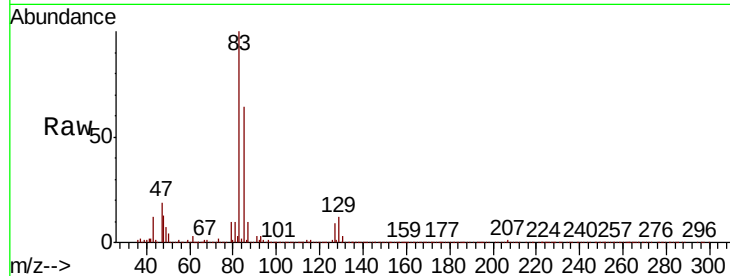
Tot Ion: 83 Resp: 665839

Ion Ratio Lower Upper

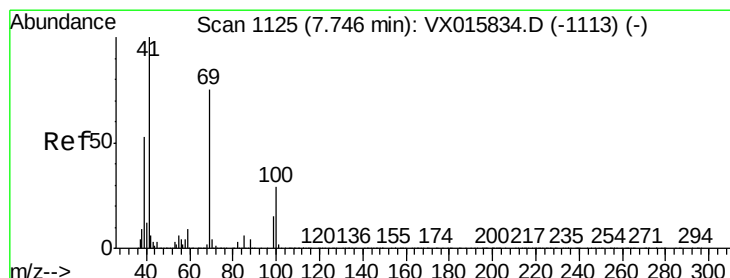
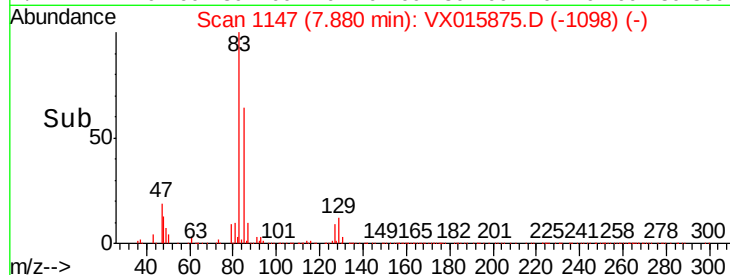
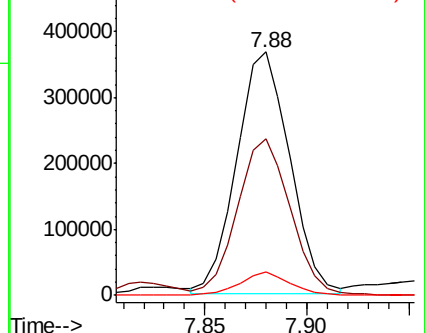
83 100

85 65.2 50.8 76.2

127 9.6 6.6 10.0



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



#48

Methyl methacrylate

Concen: 64.190 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

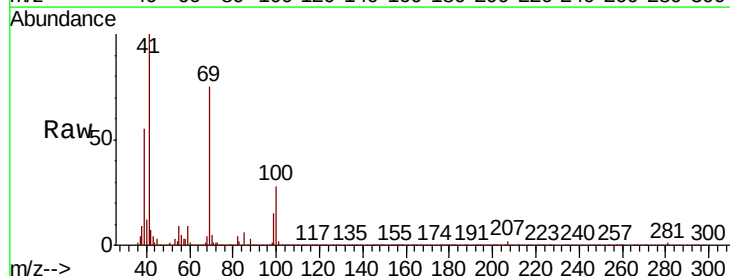
Tgt Ion: 41 Resp: 824831

Ion Ratio Lower Upper

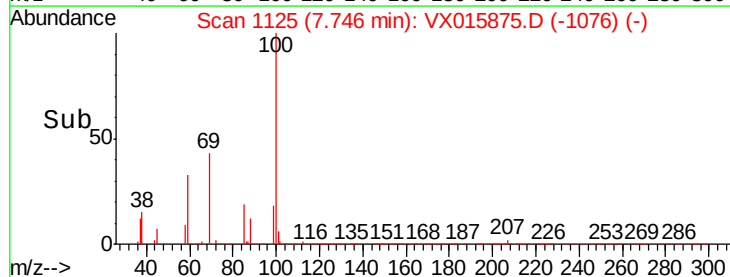
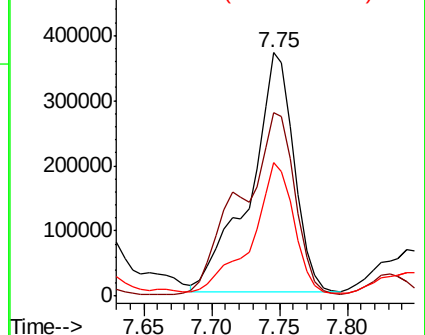
41 100

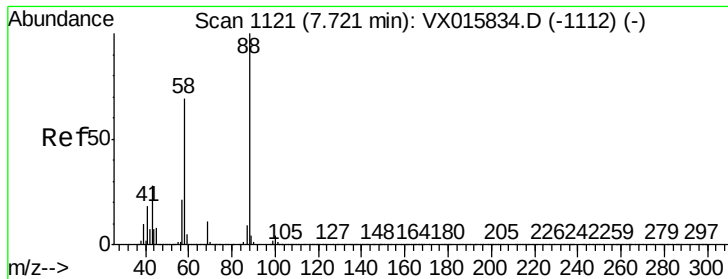
69 94.0 60.5 90.7#

39 52.1 42.1 63.1



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





#49

1,4-Dioxane

Concen: 884.928 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

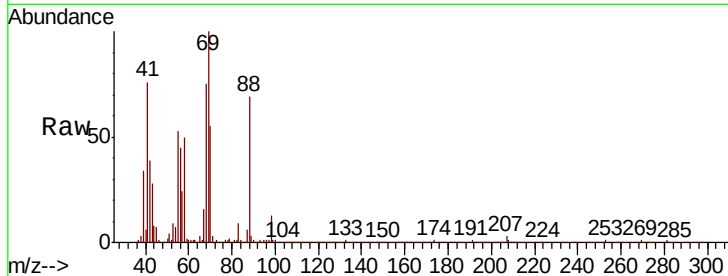
Tot Ion: 88 Resp: 214902

Ion Ratio Lower Upper

88 100

43 44.4 28.2 42.4#

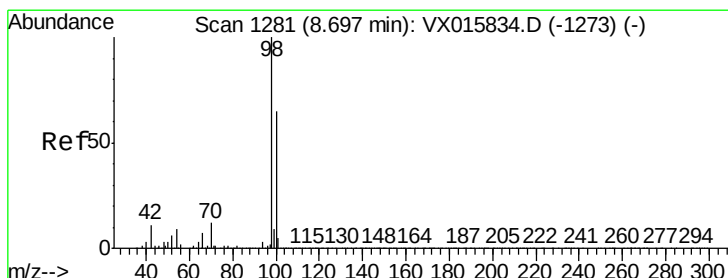
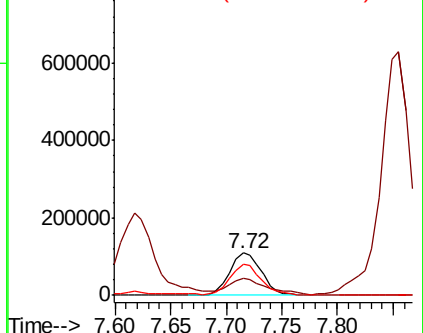
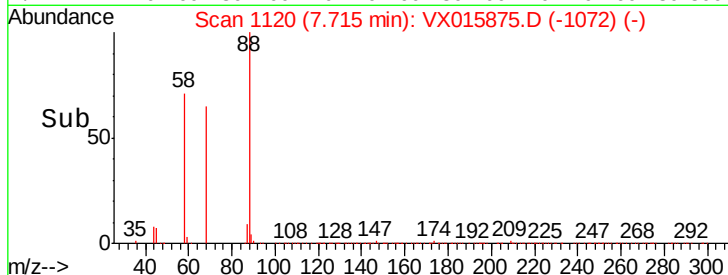
58 71.9 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.321 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015875.D

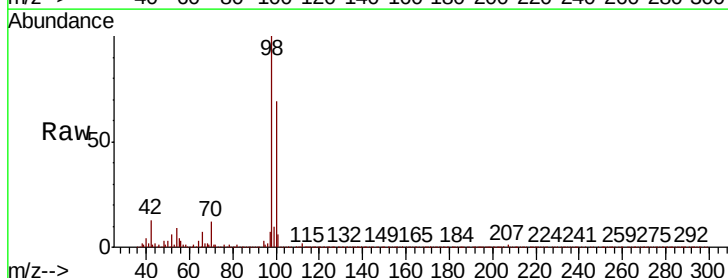
Acq: 23 Apr 2020 05:28

Tgt Ion: 98 Resp: 1648087

Ion Ratio Lower Upper

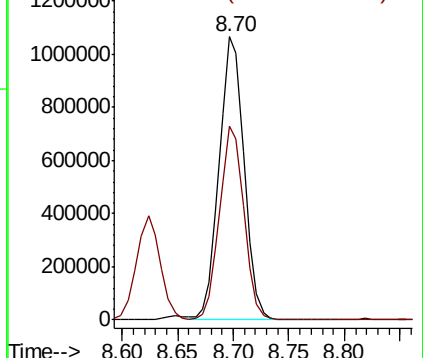
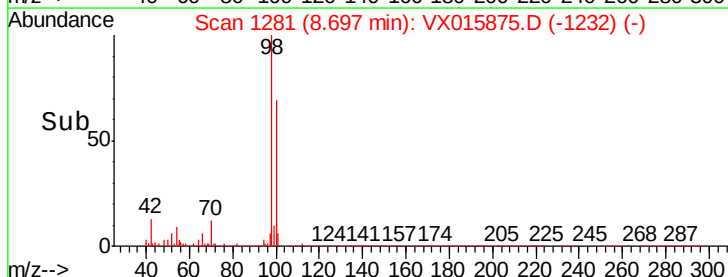
98 100

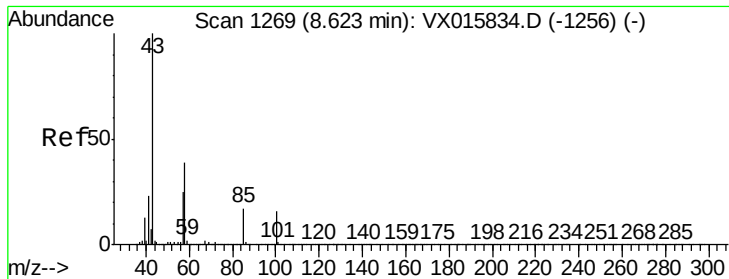
100 67.5 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

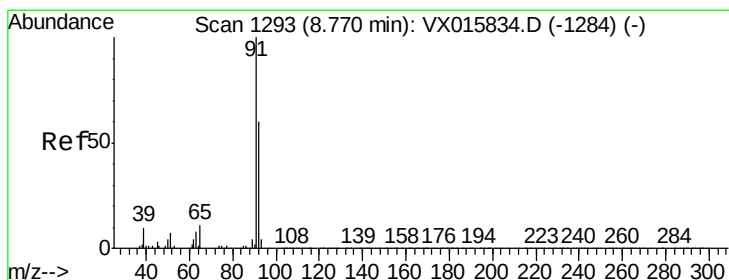
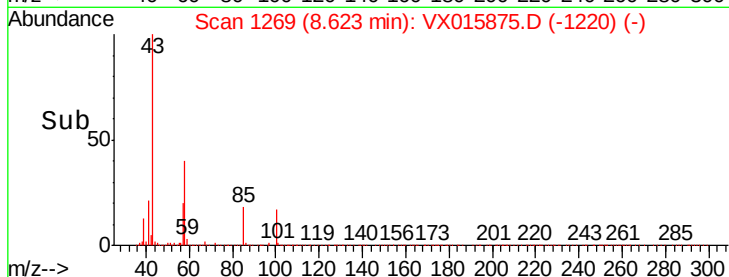
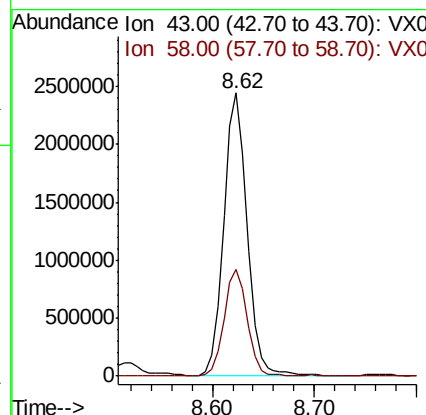
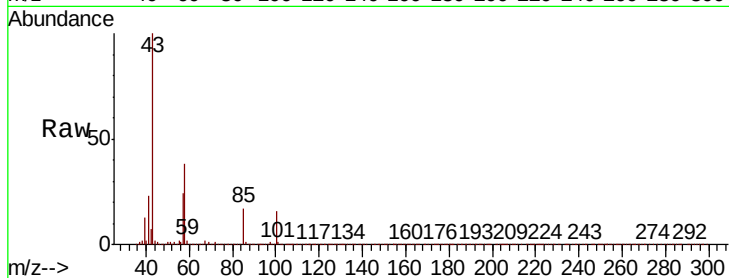




#51
 4-Methyl-2-Pentanone
 Concen: 257.185 ug/l
 RT: 8.62 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

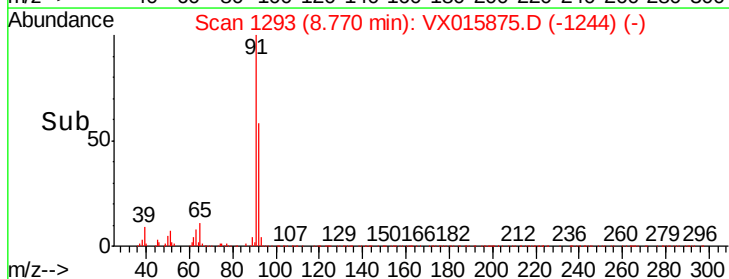
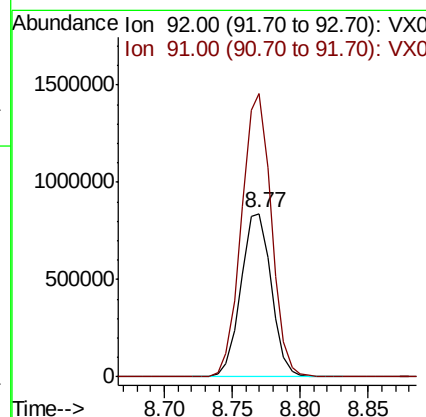
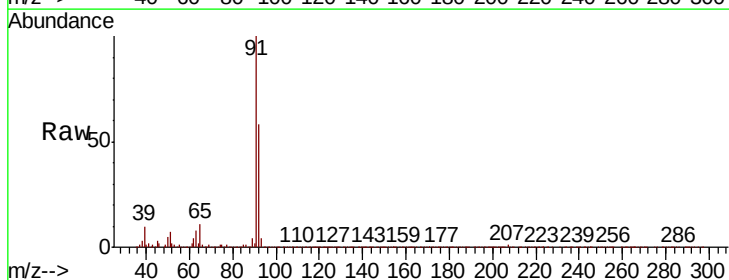
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MS

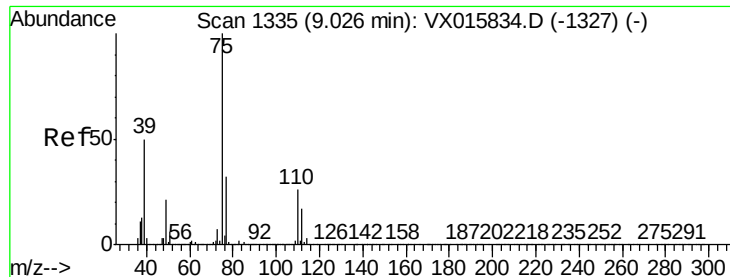
Tot Ion: 43 Resp: 3877939
 Ion Ratio Lower Upper
 43 100
 58 37.5 30.6 45.8



#52
 Toluene
 Concen: 52.148 ug/l
 RT: 8.77 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

Tgt Ion: 92 Resp: 1309986
 Ion Ratio Lower Upper
 92 100
 91 169.7 133.4 200.0

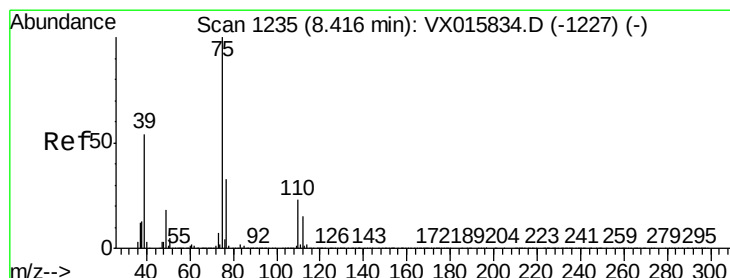
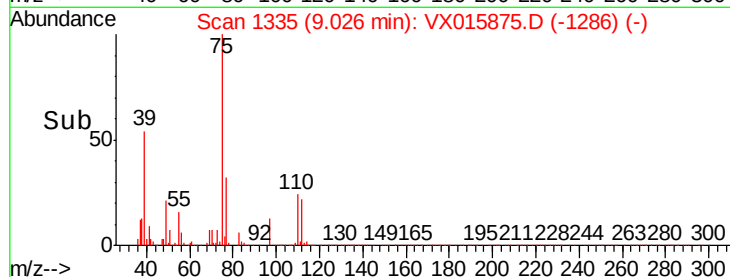
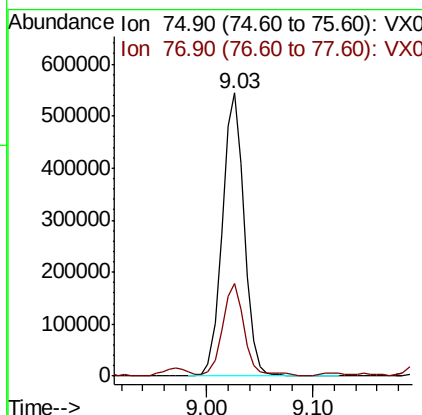
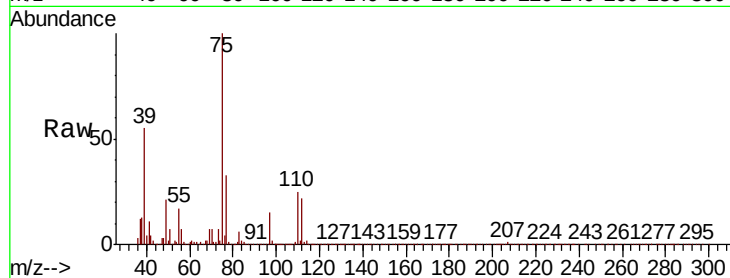




#53
t-1,3-Dichloropropene
Concen: 47.047 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

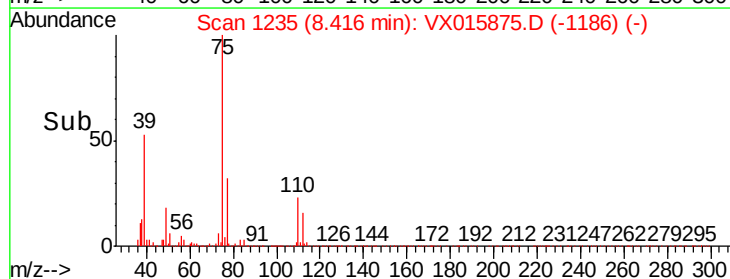
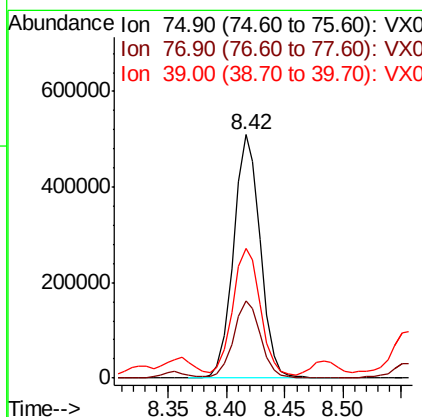
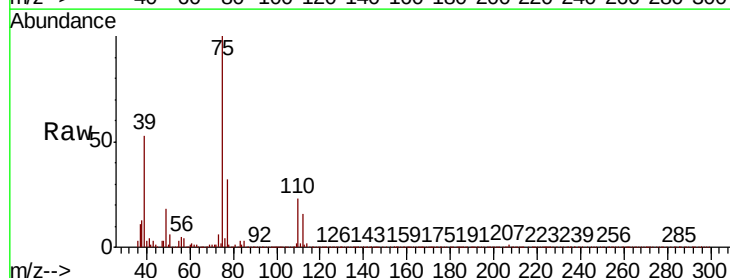
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

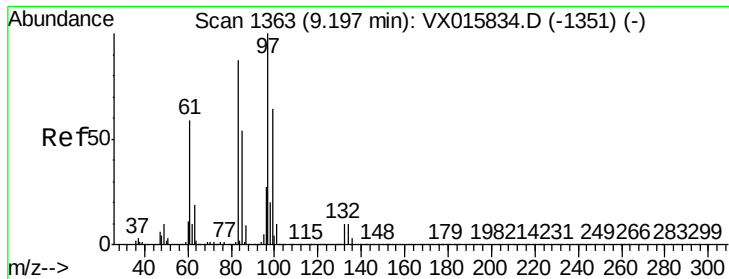
Tot Ion: 75 Resp: 778596
Ion Ratio Lower Upper
75 100
77 31.8 25.9 38.9



#54
cis-1,3-Dichloropropene
Concen: 46.266 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion: 75 Resp: 809236
Ion Ratio Lower Upper
75 100
77 31.7 26.0 39.0
39 49.1 42.8 64.2





#55

1,1,2-Trichloroethane

Concen: 49.368 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

Tot Ion: 97 Resp: 484258

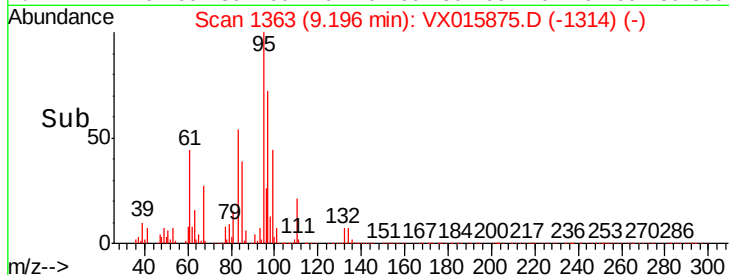
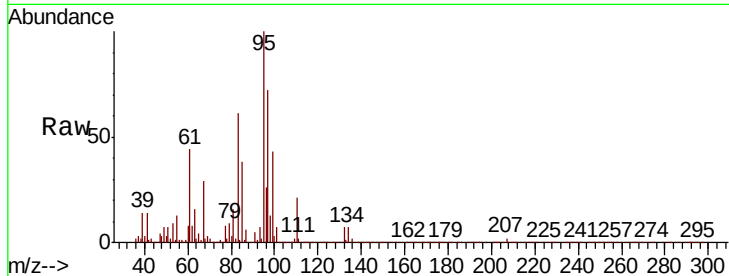
Ion Ratio Lower Upper

97 100

83 85.4 69.8 104.8

85 51.9 43.4 65.2

99 60.8 51.2 76.8

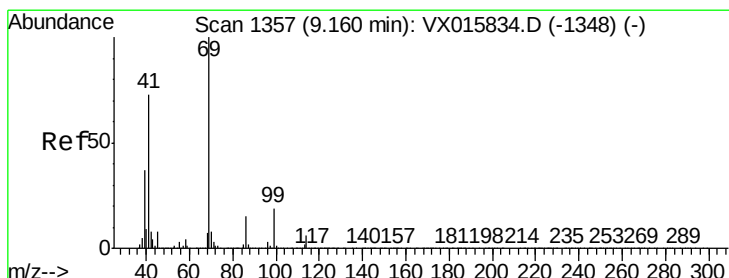
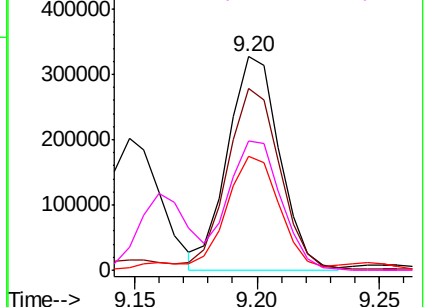


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 55.093 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

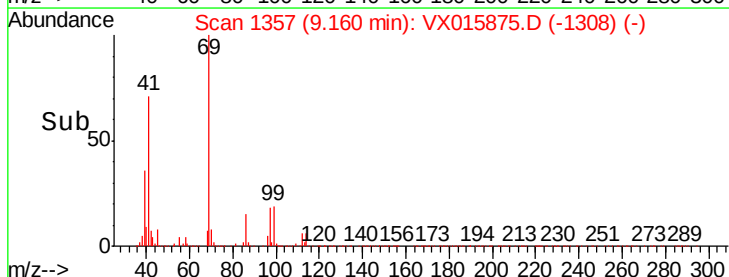
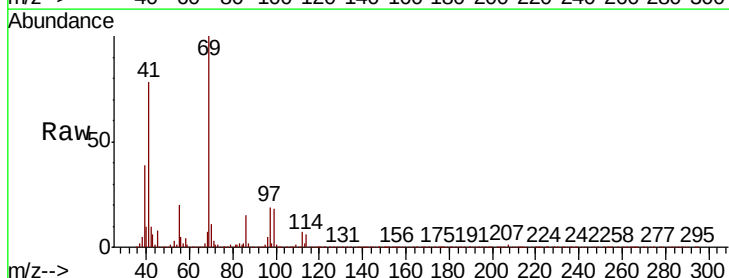
Tgt Ion: 69 Resp: 915377

Ion Ratio Lower Upper

69 100

41 81.4 57.4 86.2

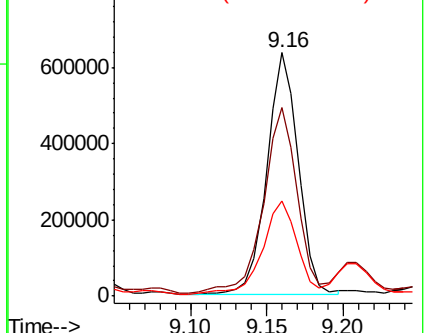
39 41.8 29.7 44.5

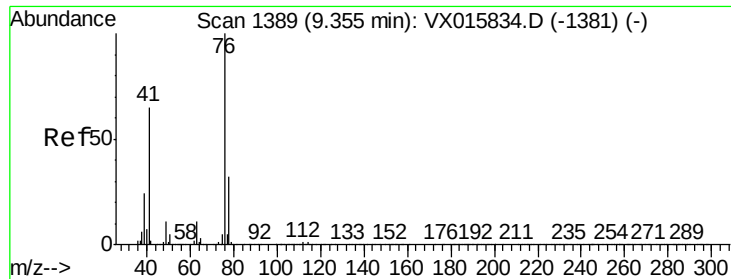


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.775 ug/l

RT: 9.35 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

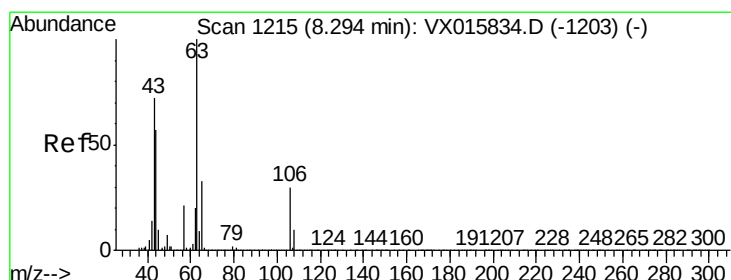
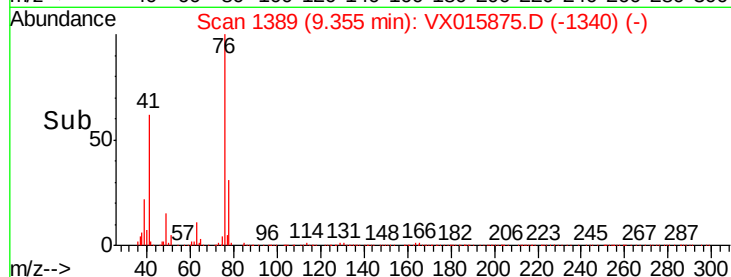
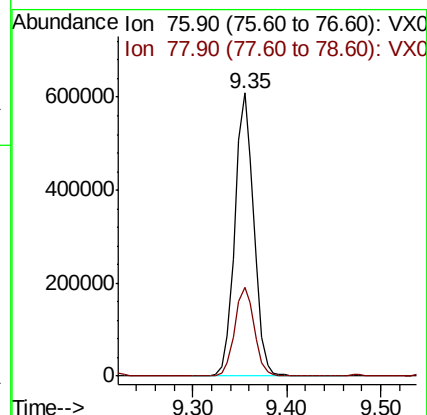
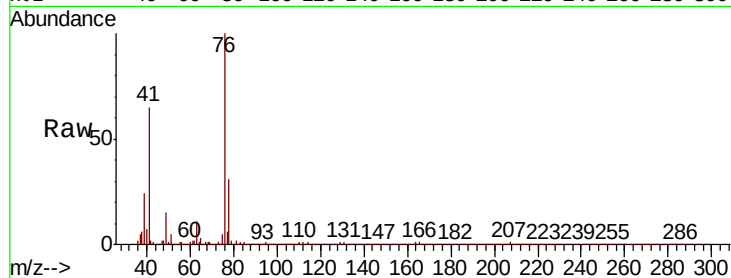
KY001MW079-200421MS

Tot Ion: 76 Resp: 848443

Ion Ratio Lower Upper

76 100

78 32.2 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 0.811 ug/l

RT: 8.25 min Scan# 1207

Delta R.T. -0.05 min

Lab File: VX015875.D

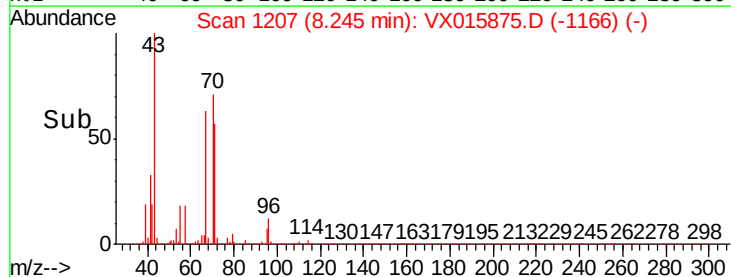
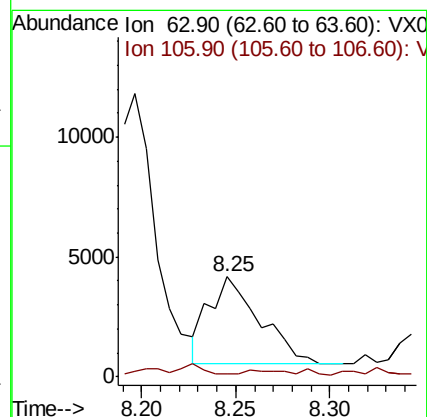
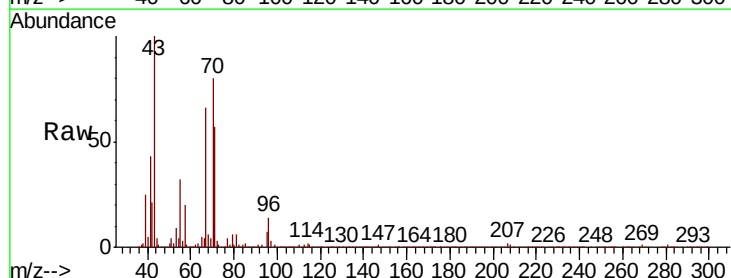
Acq: 23 Apr 2020 05:28

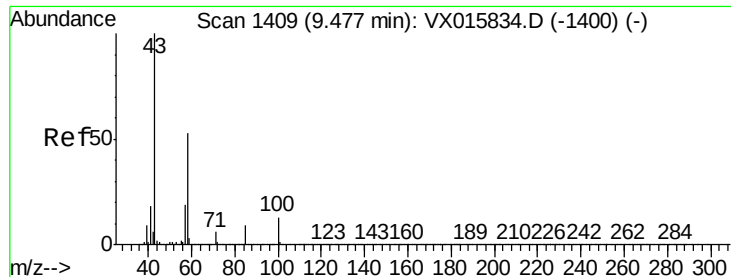
Tgt Ion: 63 Resp: 6733

Ion Ratio Lower Upper

63 100

106 3.8 23.8 35.8#

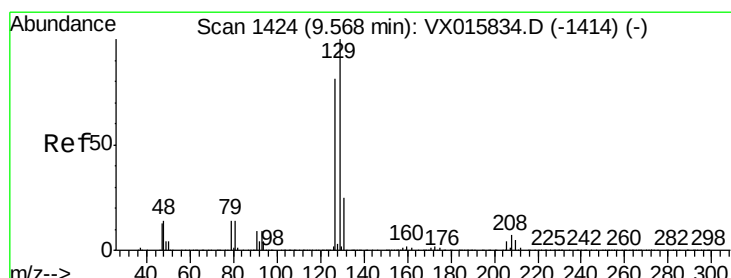
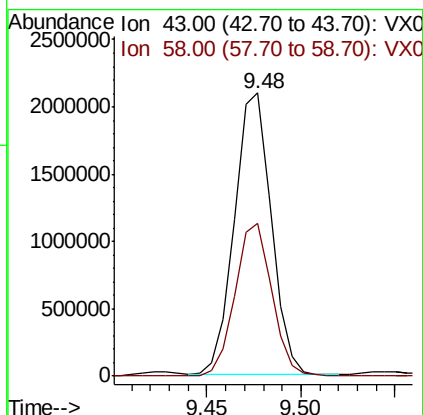
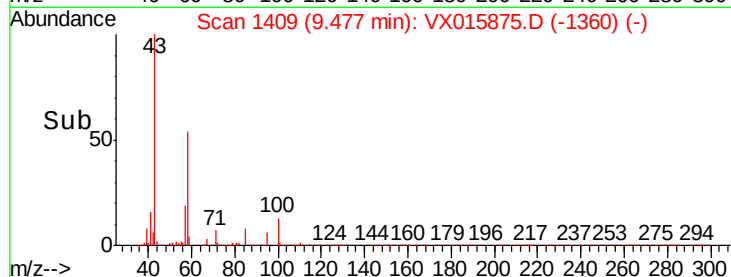
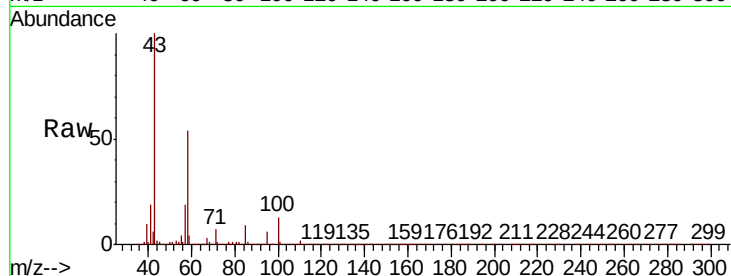




#59
2-Hexanone
Concen: 246.766 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

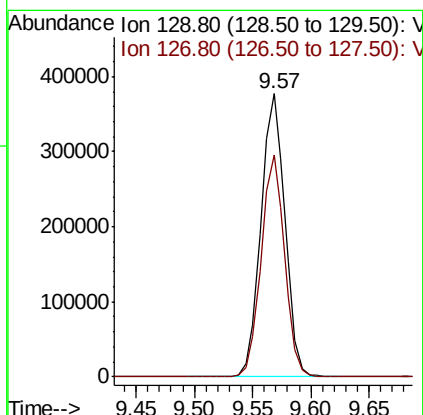
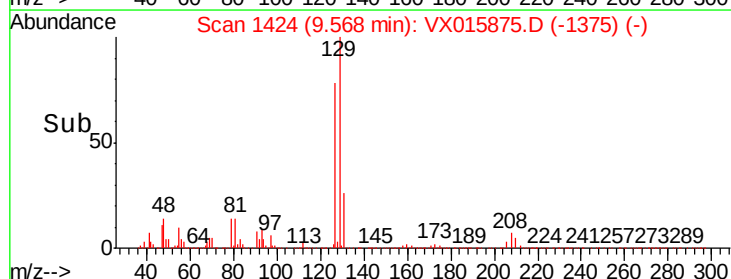
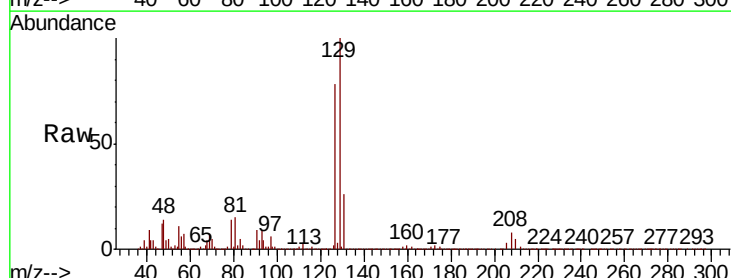
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

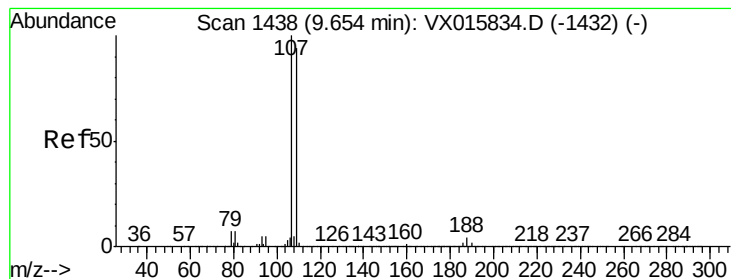
Tot Ion: 43 Resp: 2834561
Ion Ratio Lower Upper
43 100
58 54.2 26.5 79.4



#60
Dibromochloromethane
Concen: 53.615 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion: 129 Resp: 543115
Ion Ratio Lower Upper
129 100
127 76.7 40.0 120.0





#61

1,2-Dibromoethane

Concen: 49.368 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

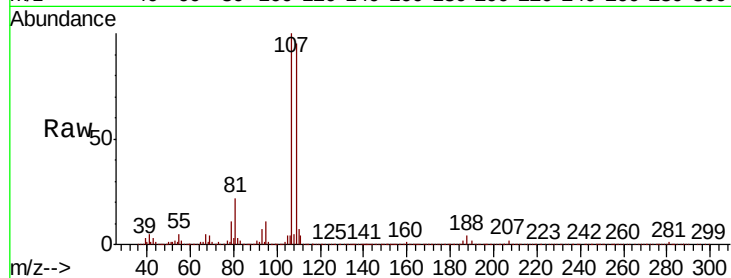
KY001MW079-200421MS

Tot Ion: 107 Resp: 535203

Ion Ratio Lower Upper

107 100

109 95.2 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

400000

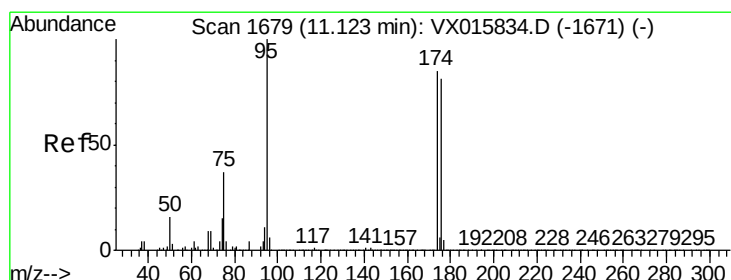
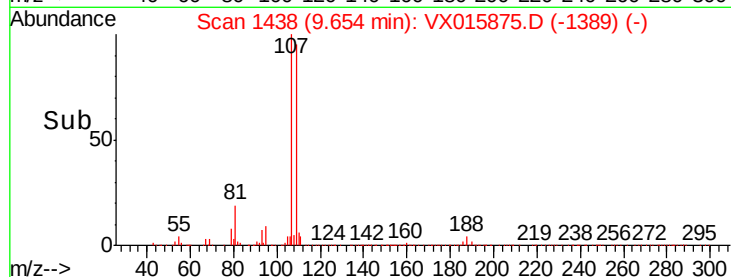
300000

200000

100000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.765 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

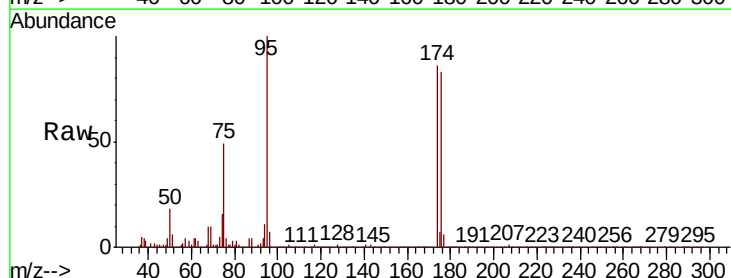
Tgt Ion: 95 Resp: 668314

Ion Ratio Lower Upper

95 100

174 82.2 0.0 172.4

176 81.0 0.0 167.0



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

11.12

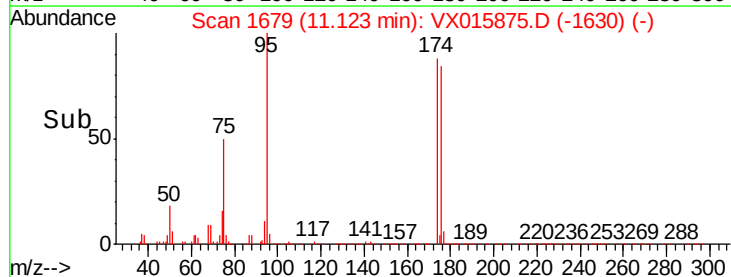
600000

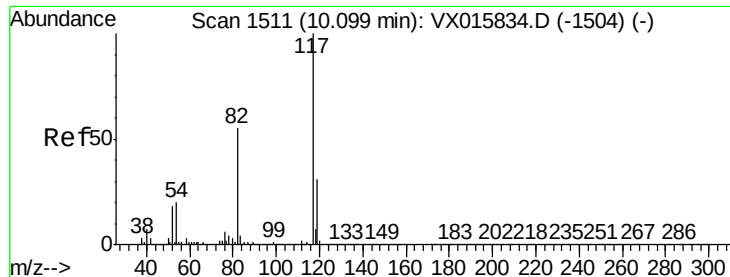
400000

200000

0

Time--> 11.00 11.10 11.20

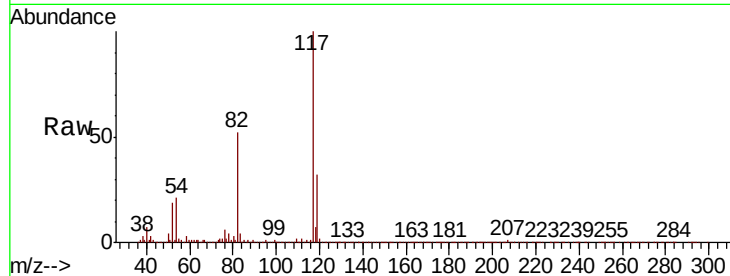




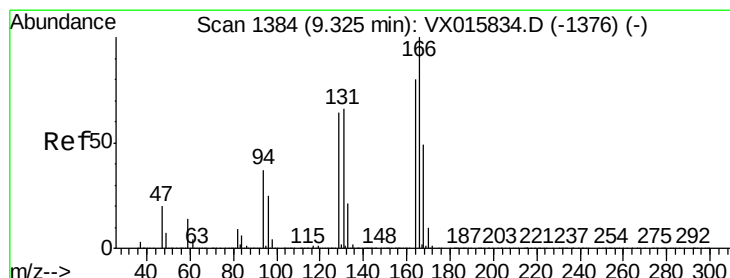
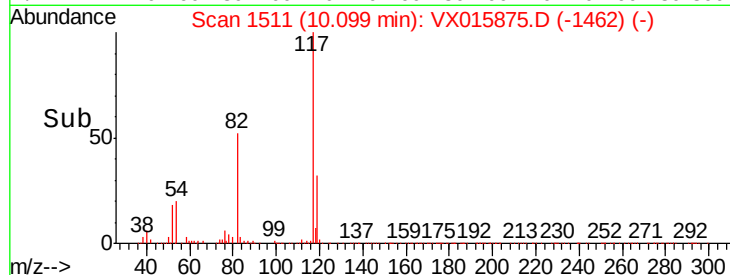
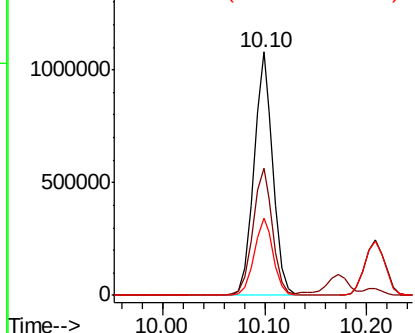
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

Tot Ion:117 Resp: 1396248
Ion Ratio Lower Upper
117 100
82 52.2 43.9 65.9
119 31.7 25.1 37.7

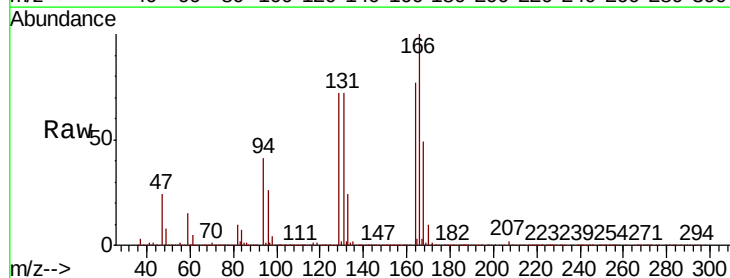


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

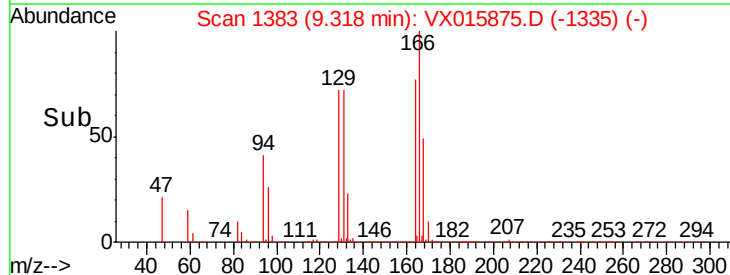
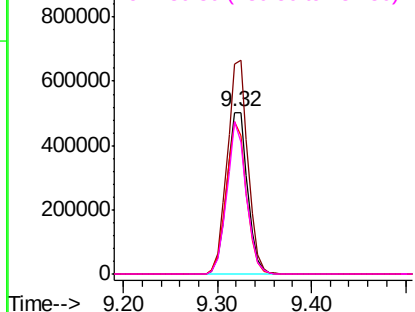


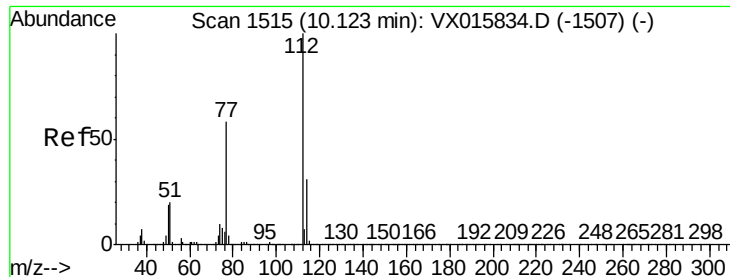
#64
Tetrachloroethene
Concen: 40.687 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion:164 Resp: 765738
Ion Ratio Lower Upper
164 100
166 130.4 100.2 150.2
129 94.2 64.5 96.7
131 94.1 65.9 98.9



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: 48.851 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

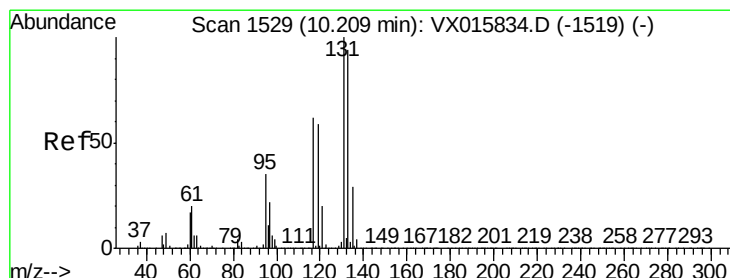
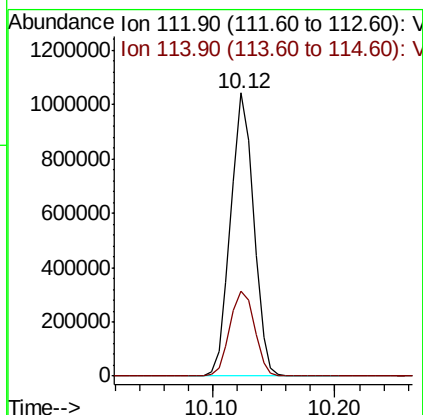
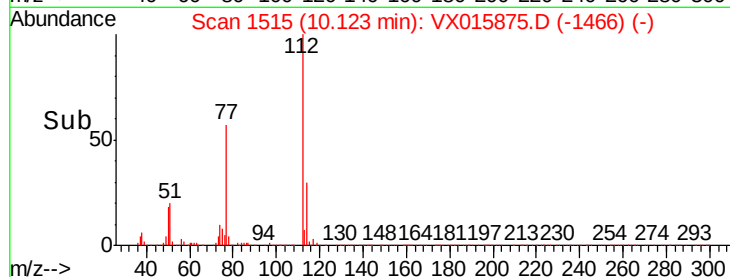
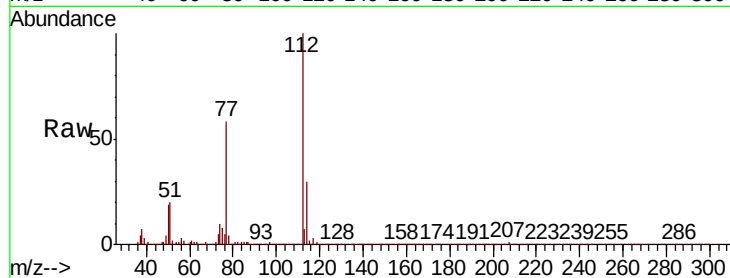
KY001MW079-200421MS

Tot Ion:112 Resp: 1363946

Ion Ratio Lower Upper

112 100

114 30.0 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 49.122 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

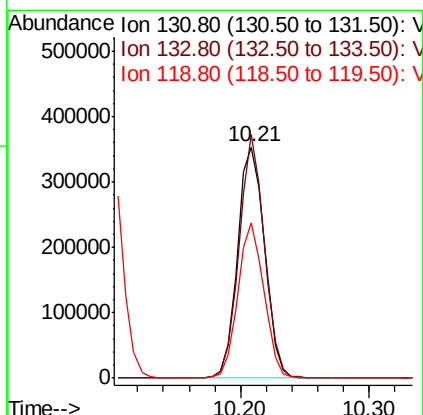
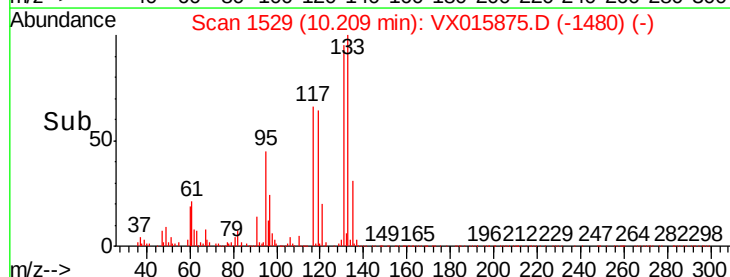
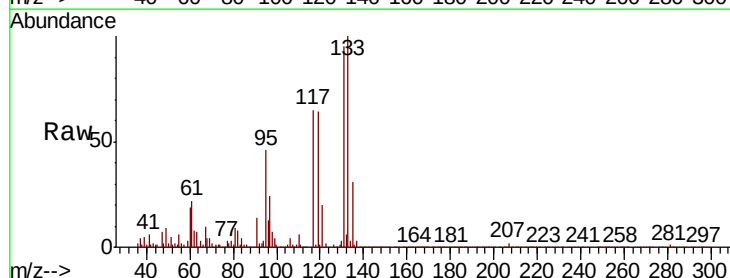
Tgt Ion:131 Resp: 512667

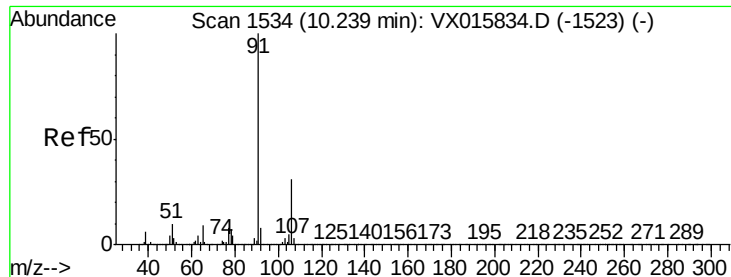
Ion Ratio Lower Upper

131 100

133 98.1 47.0 141.2

119 64.4 30.9 92.8





#67

Ethyl Benzene

Concen: 387.010 ug/l

RT: 10.23 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

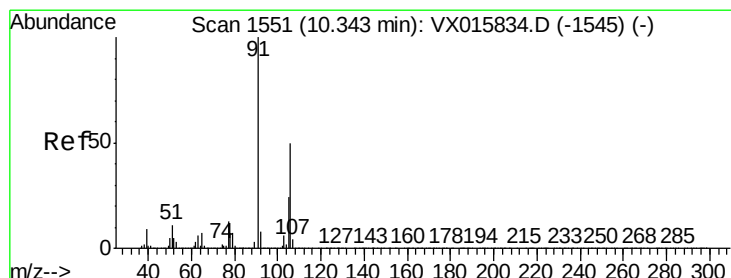
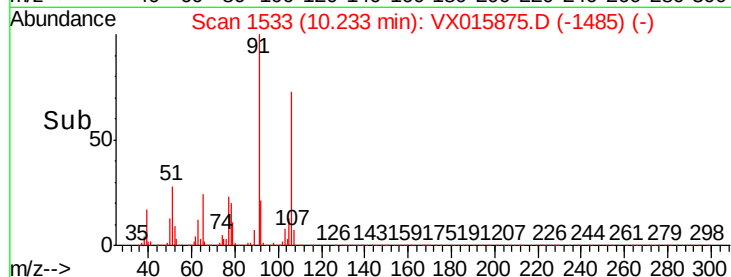
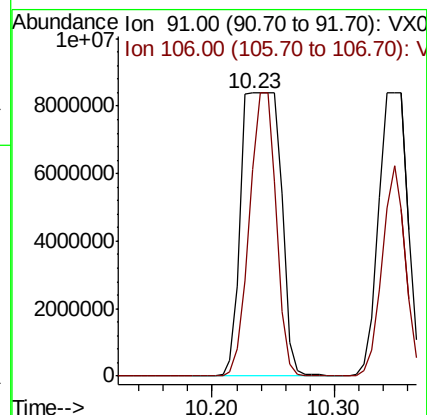
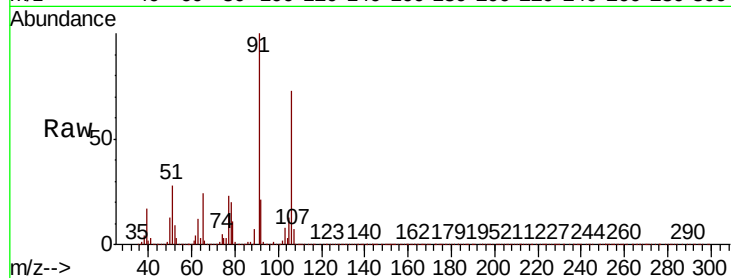
KY001MW079-200421MS

Tot Ion: 91 Resp:18975343

Ion Ratio Lower Upper

91 100

106 73.1 25.0 37.4#



#68

m/p-Xylenes

Concen: 451.113 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. 0.01 min

Lab File: VX015875.D

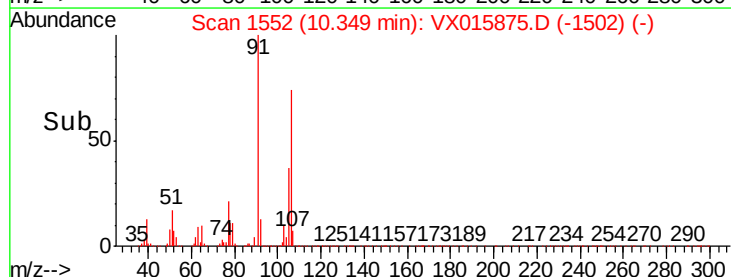
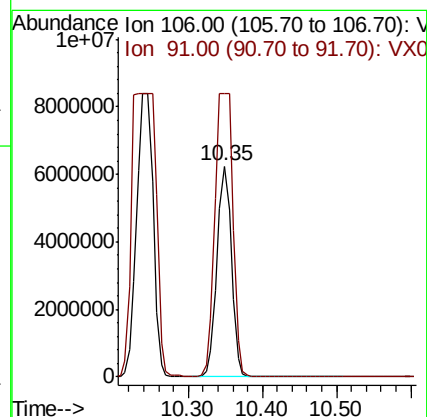
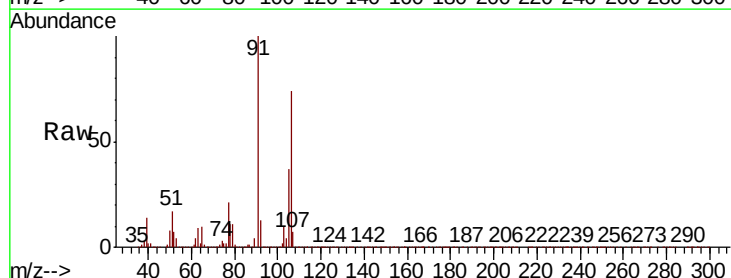
Acq: 23 Apr 2020 05:28

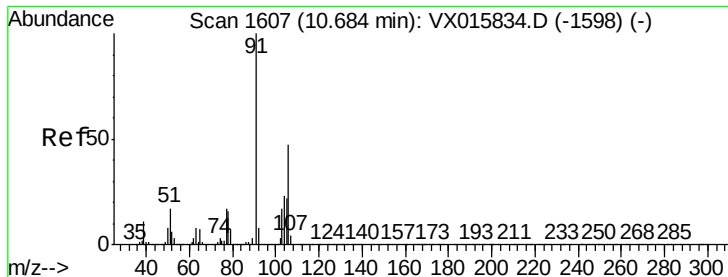
Tgt Ion:106 Resp: 8302153

Ion Ratio Lower Upper

106 100

91 168.5 161.1 241.7

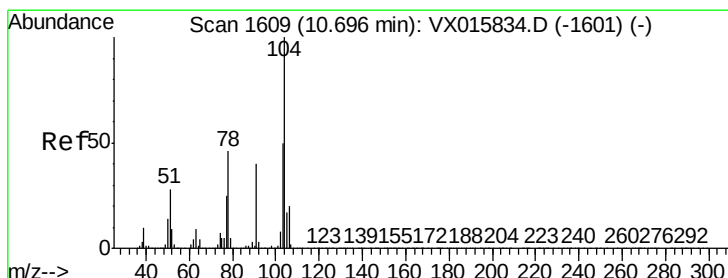
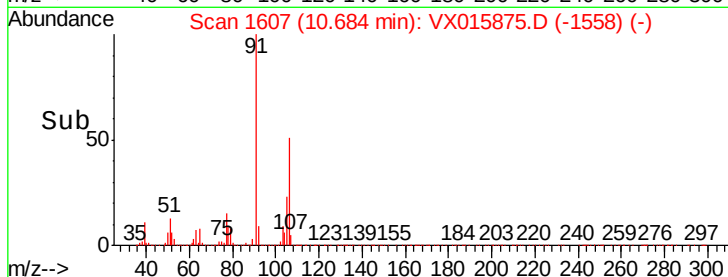
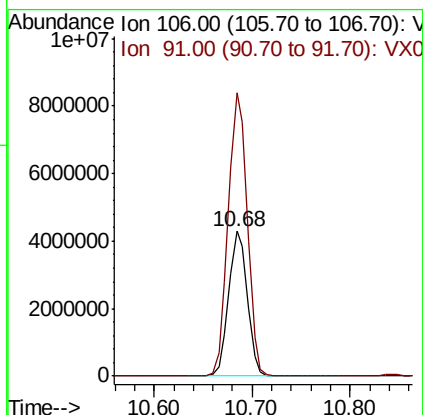
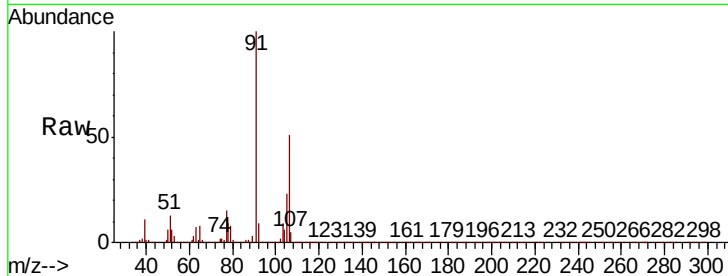




#69
o-Xylene
Concen: 312.610 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

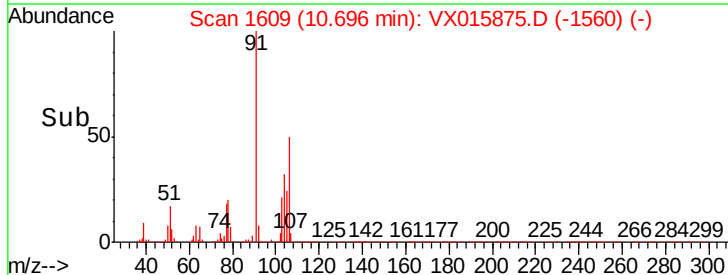
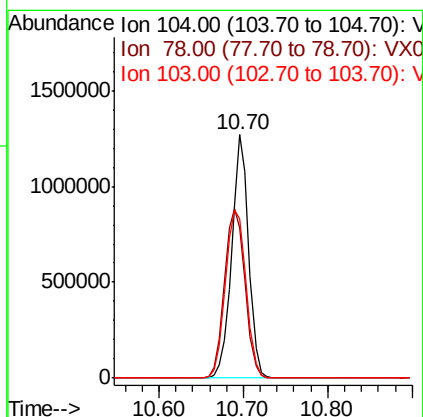
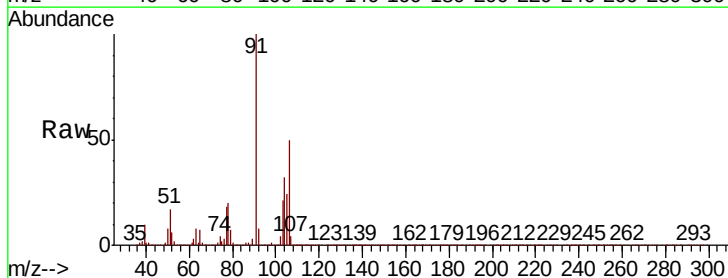
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

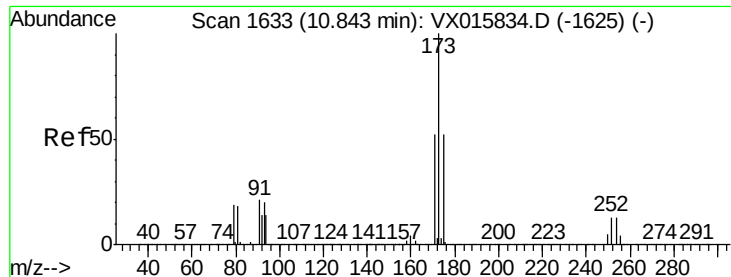
Tot Ion:106 Resp: 5661444
Ion Ratio Lower Upper
106 100
91 201.1 107.1 321.3



#70
Styrene
Concen: 55.429 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion:104 Resp: 1738151
Ion Ratio Lower Upper
104 100
78 84.6 40.1 60.1#
103 84.8 43.3 64.9#

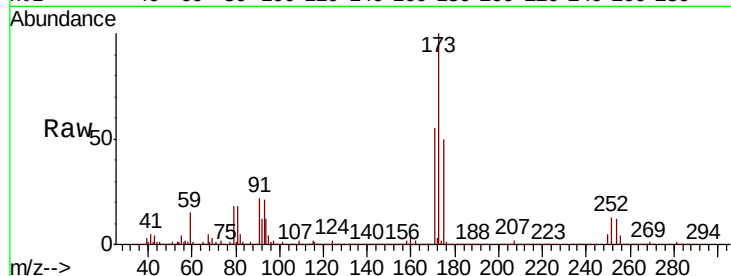




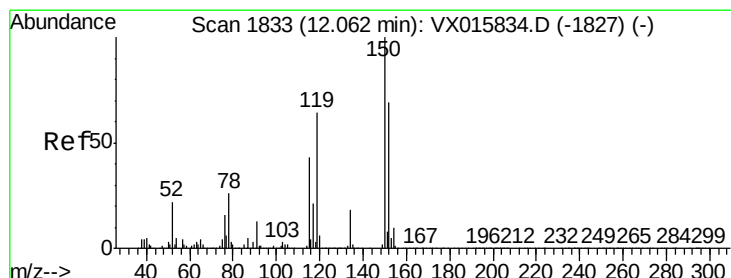
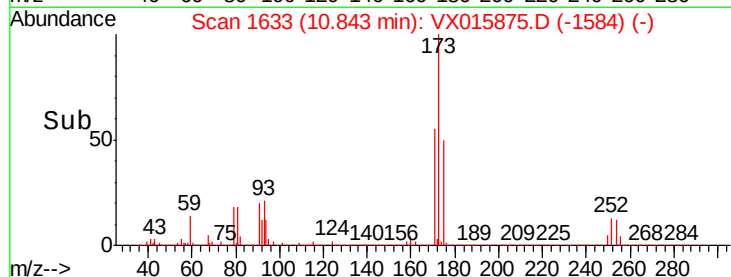
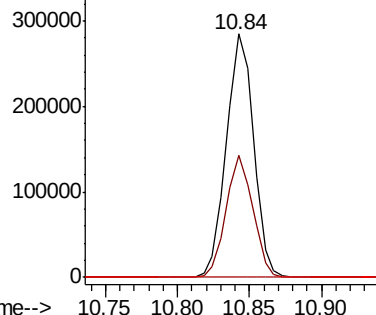
#71
Bromoform
Concen: 54.468 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

Tot Ion:173 Resp: 370427
Ion Ratio Lower Upper
173 100
175 49.4 25.1 75.4
254 0.3 0.3 0.5#

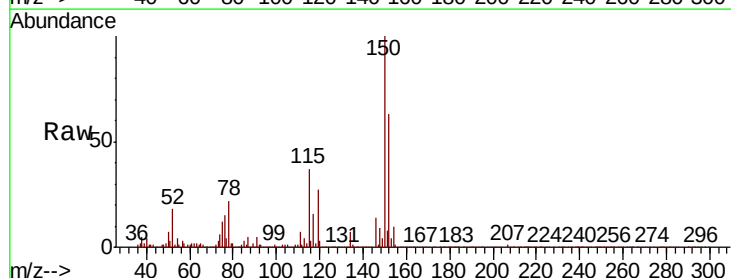


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

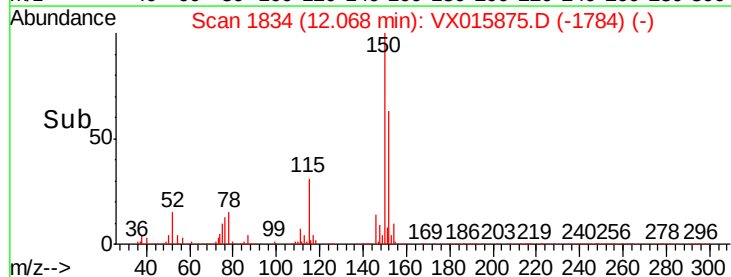
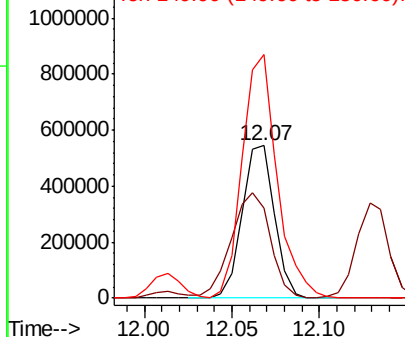


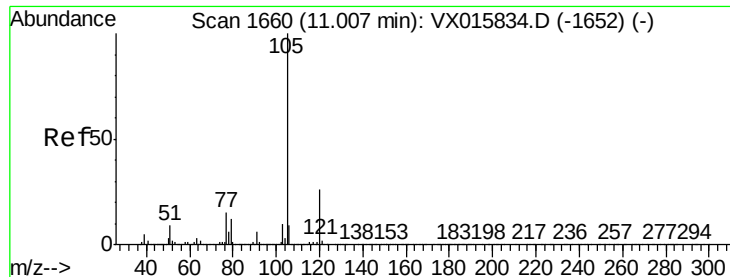
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1834
Delta R.T. 0.01 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion:152 Resp: 699316
Ion Ratio Lower Upper
152 100
115 82.5 39.0 116.9
150 172.6 0.0 336.8



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





#73

Isopropylbenzene

Concen: 332.373 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

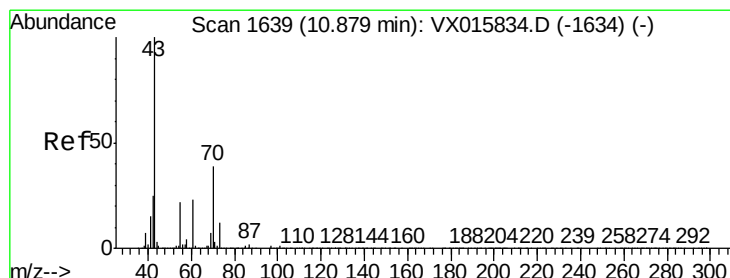
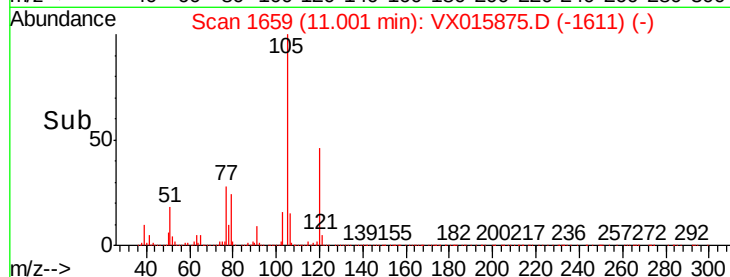
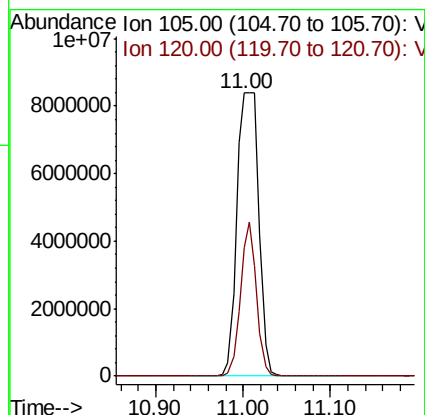
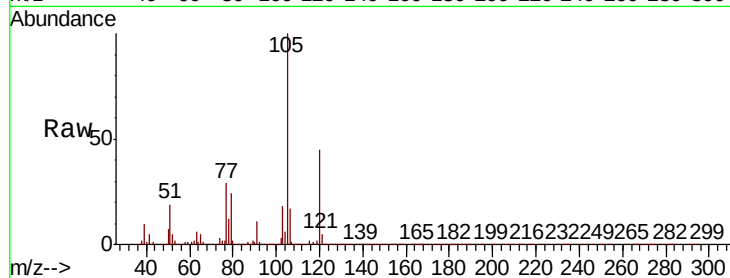
KY001MW079-200421MS

Tot Ion:105 Resp:14761837

Ion Ratio Lower Upper

105 100

120 39.4 13.1 39.1#



#74

N-ethyl acetate

Concen: 50.381 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Tgt Ion: 43 Resp: 1155143

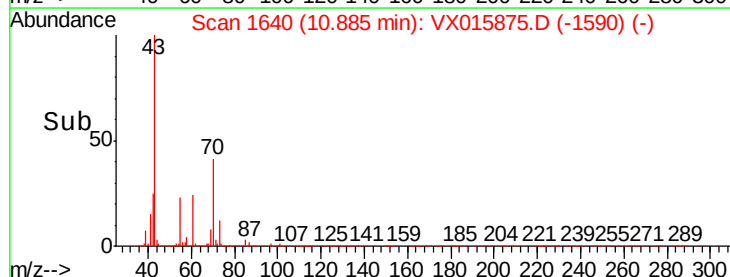
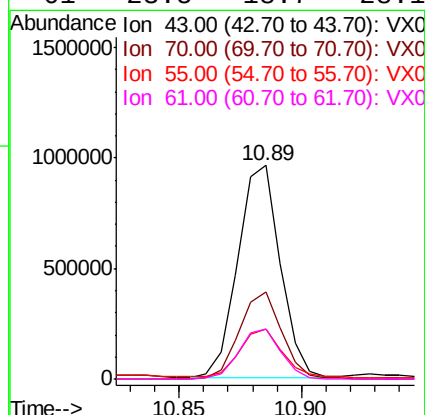
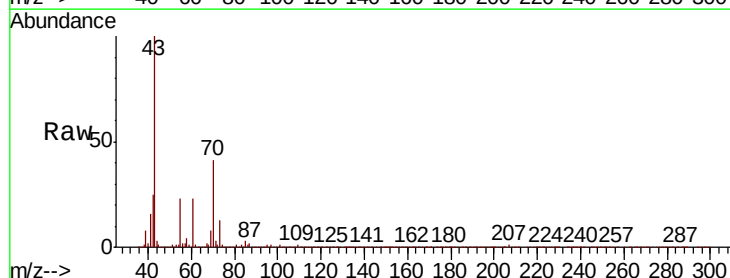
Ion Ratio Lower Upper

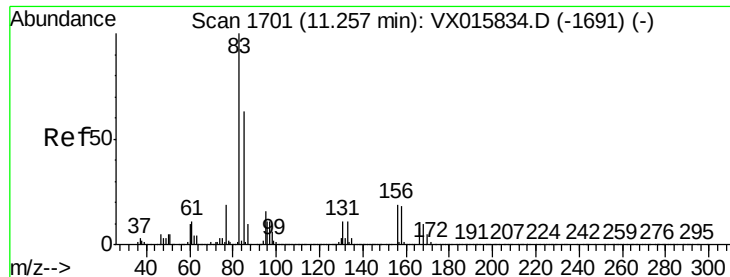
43 100

70 41.1 32.6 49.0

55 24.8 18.3 27.5

61 23.5 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 57.716 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

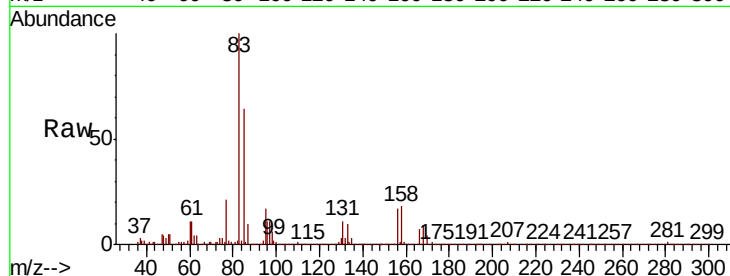
Tot Ion: 83 Resp: 542497

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

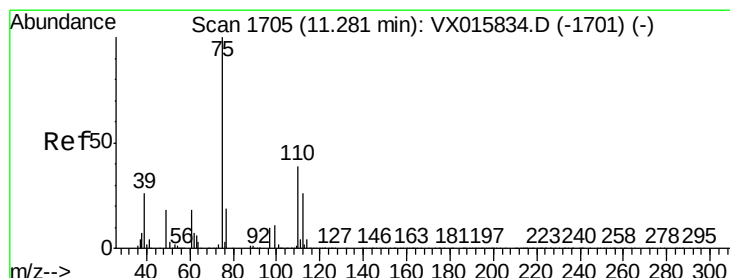
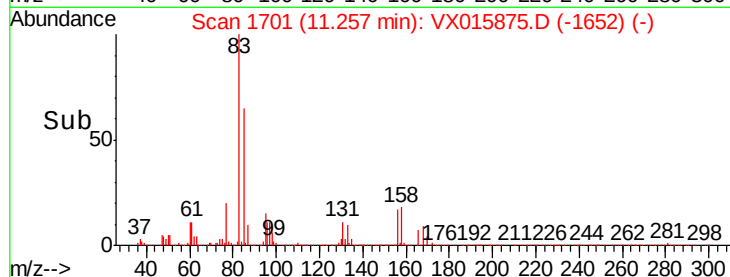
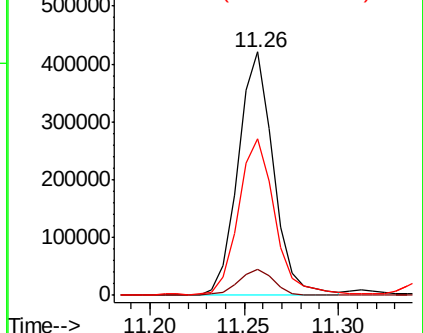
85 67.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.534 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015875.D

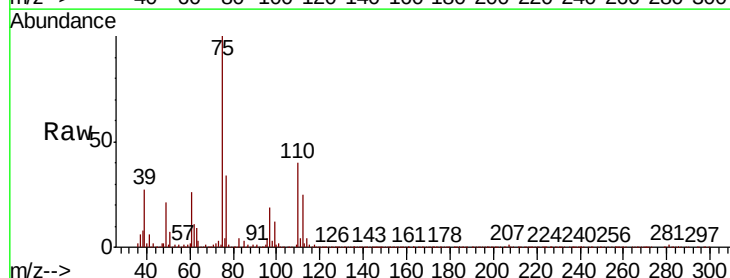
Acq: 23 Apr 2020 05:28

Tgt Ion: 75 Resp: 831582

Ion Ratio Lower Upper

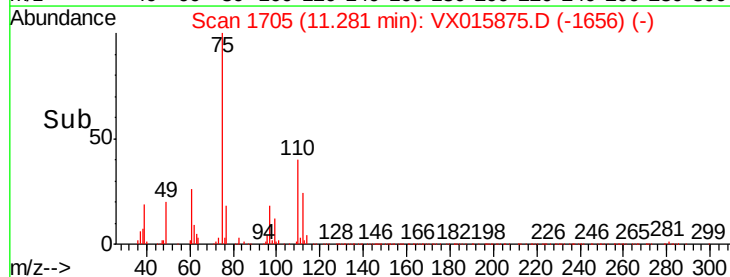
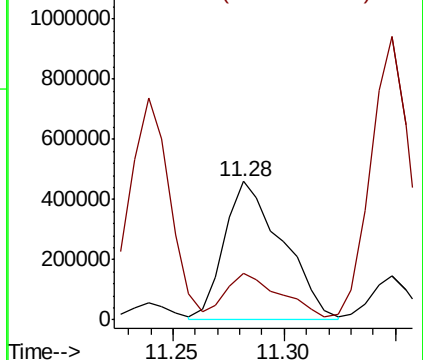
75 100

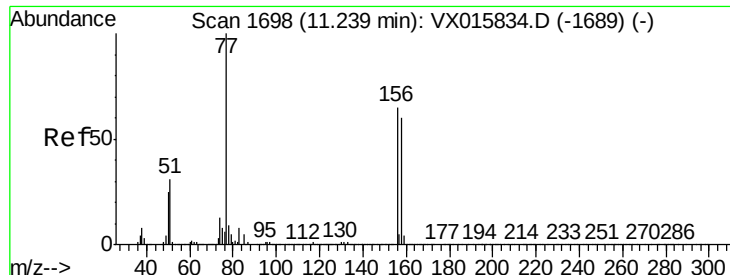
77 32.0 21.3 63.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.994 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

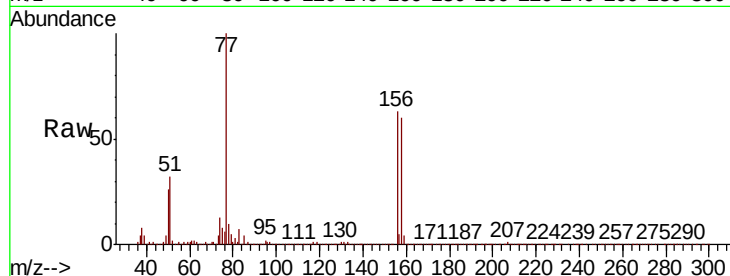
Tot Ion:156 Resp: 594550

Ion Ratio Lower Upper

156 100

77 156.9 75.2 225.6

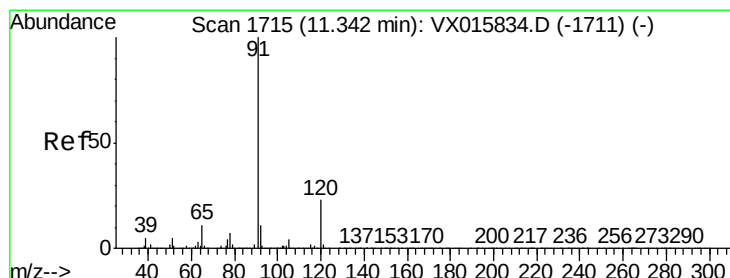
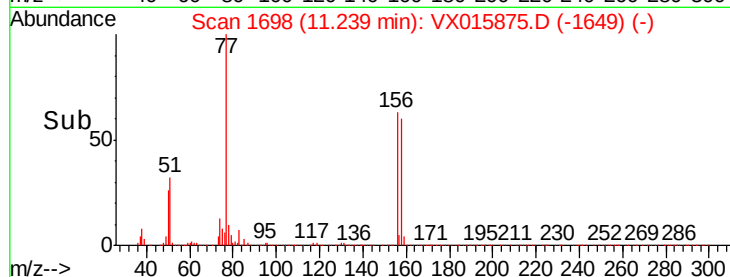
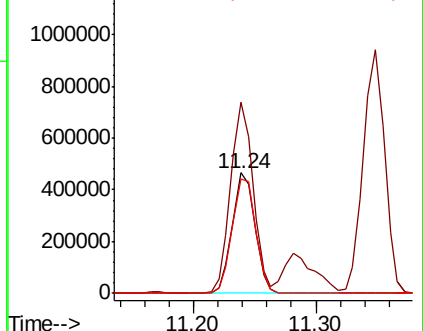
158 98.9 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 310.704 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.00 min

Lab File: VX015875.D

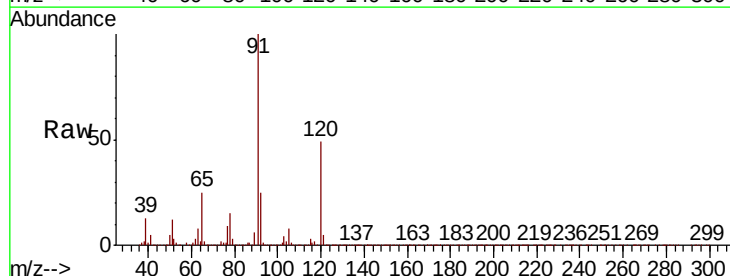
Acq: 23 Apr 2020 05:28

Tgt Ion: 91 Resp:15807928

Ion Ratio Lower Upper

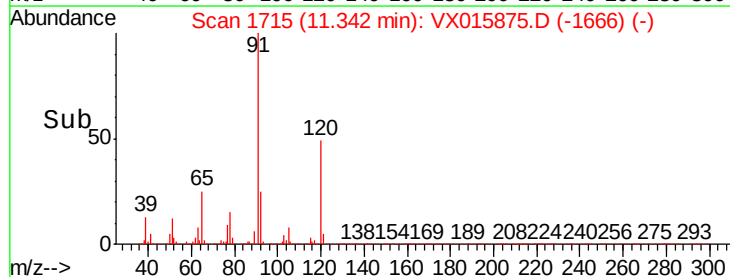
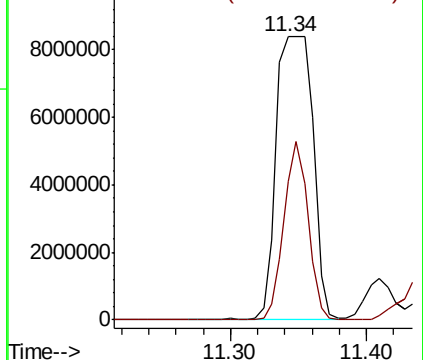
91 100

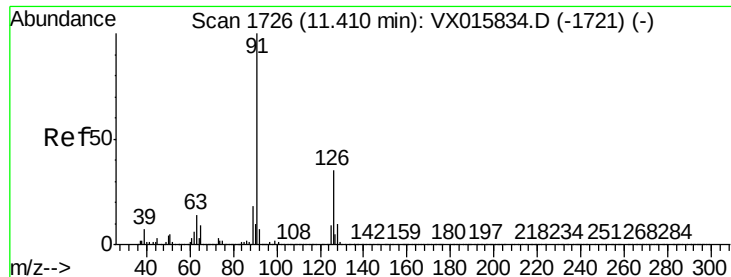
120 41.4 11.7 35.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 57.569 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

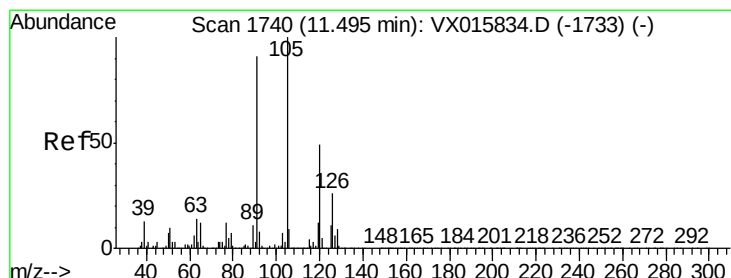
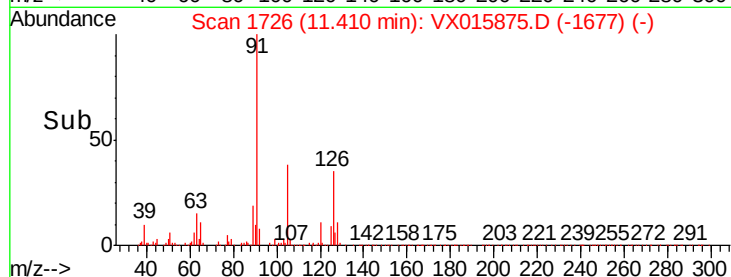
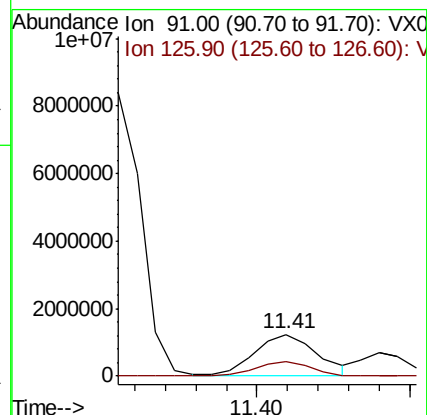
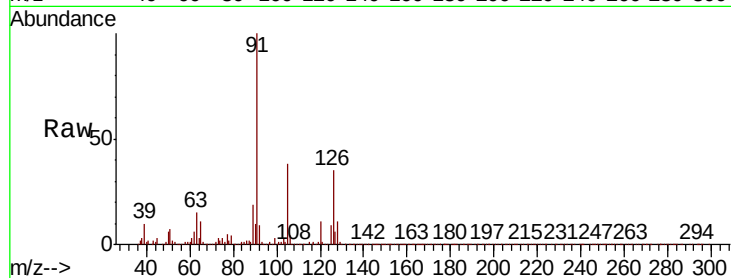
KY001MW079-200421MS

Tot Ion: 91 Resp: 1759391

Ion Ratio Lower Upper

91 100

126 31.1 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 281.863 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015875.D

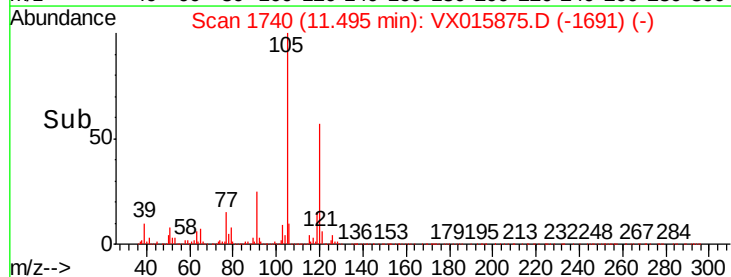
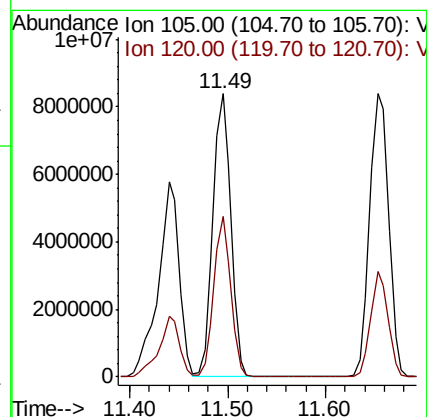
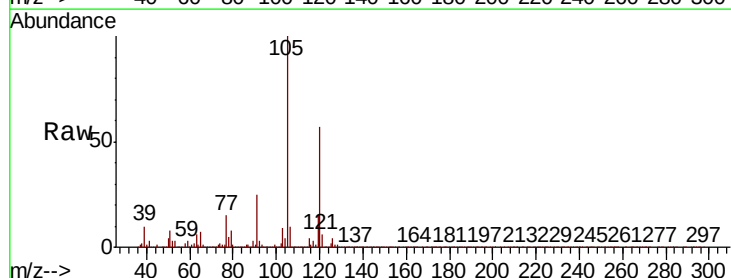
Acq: 23 Apr 2020 05:28

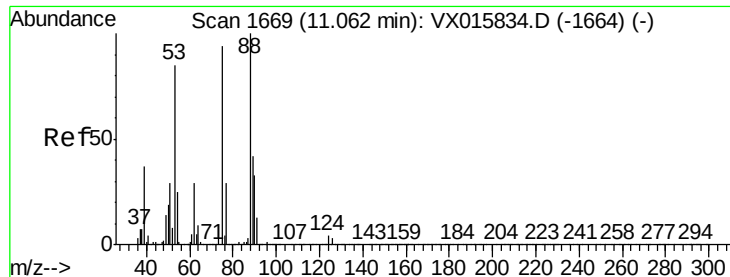
Tgt Ion: 105 Resp: 10674359

Ion Ratio Lower Upper

105 100

120 53.5 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 39.280 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

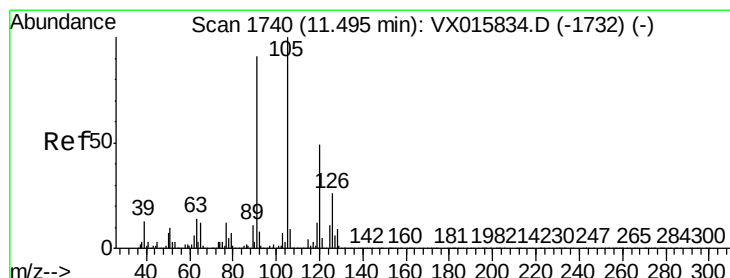
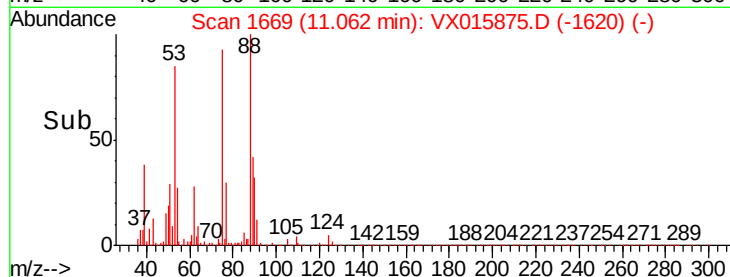
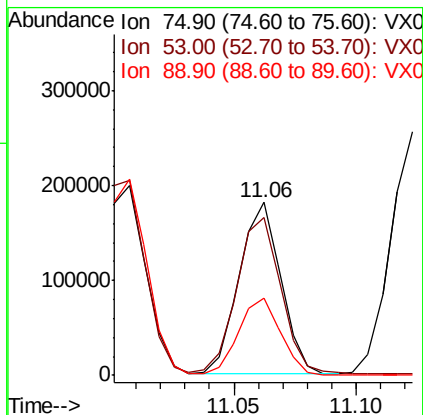
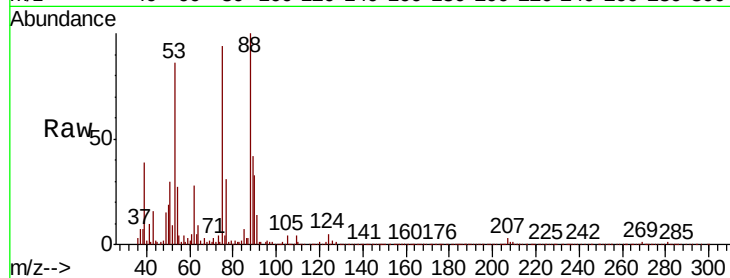
Tot Ion: 75 Resp: 217143

Ion Ratio Lower Upper

75 100

53 95.6 74.2 111.2

89 45.8 38.0 57.0



#82

4-Chlorotoluene

Concen: 75.579 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015875.D

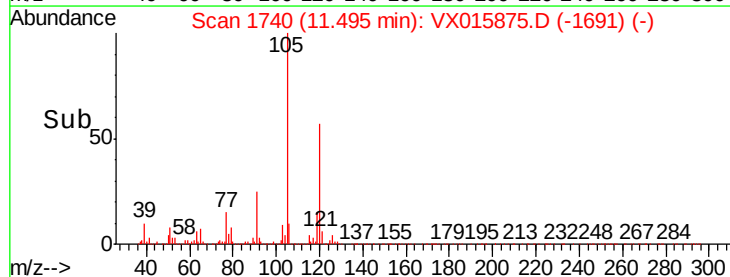
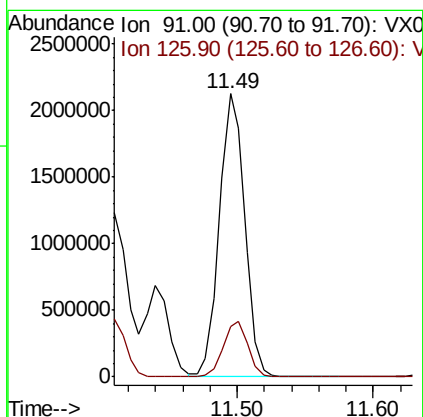
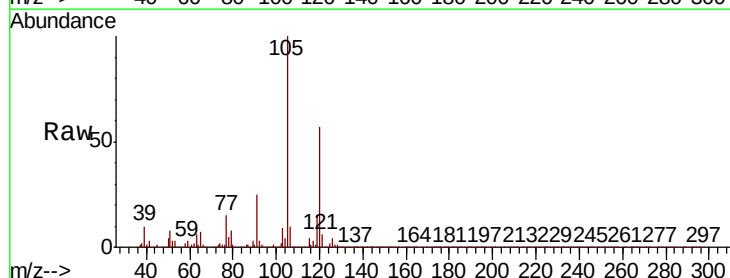
Acq: 23 Apr 2020 05:28

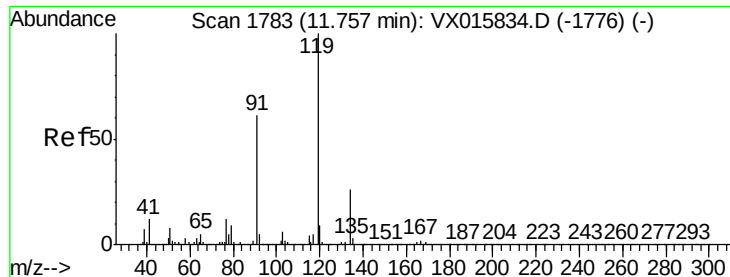
Tgt Ion: 91 Resp: 2744737

Ion Ratio Lower Upper

91 100

126 18.7 15.0 45.0

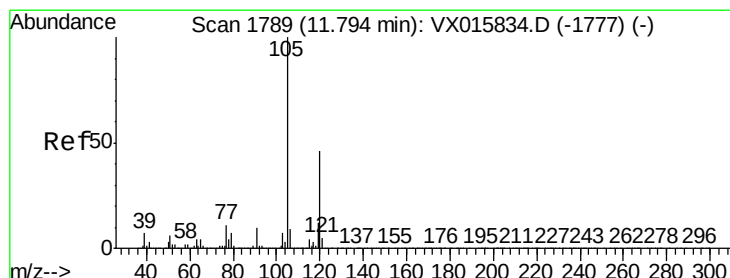
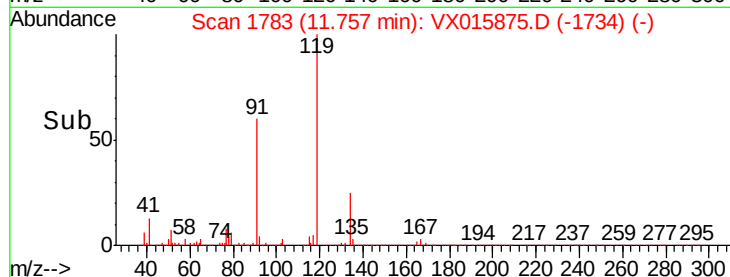
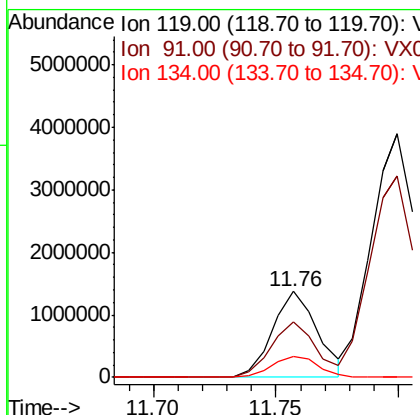
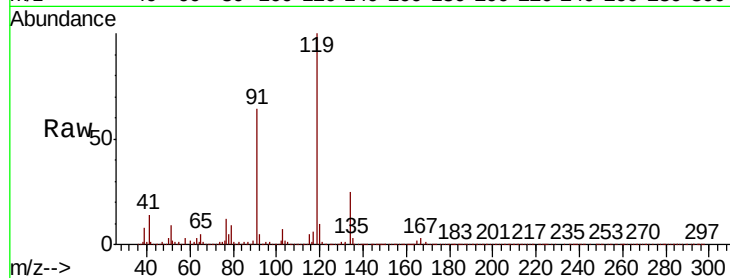




#83
 tert-Butylbenzene
 Concen: 51.990 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

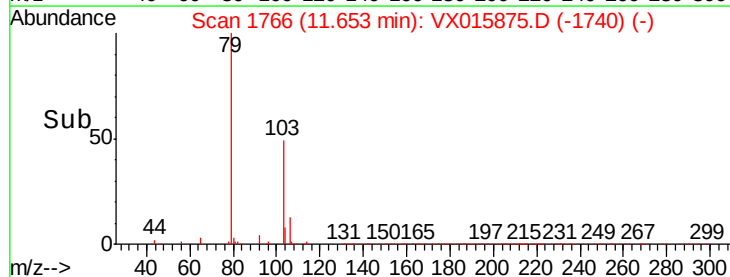
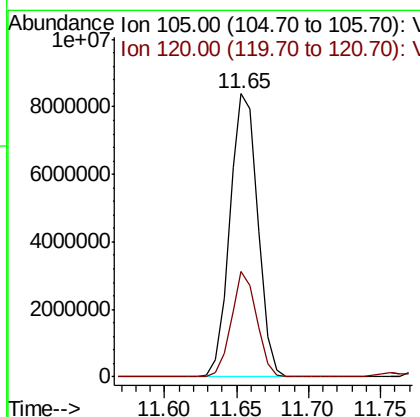
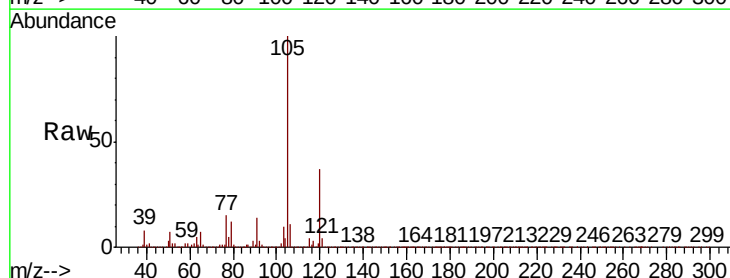
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MS

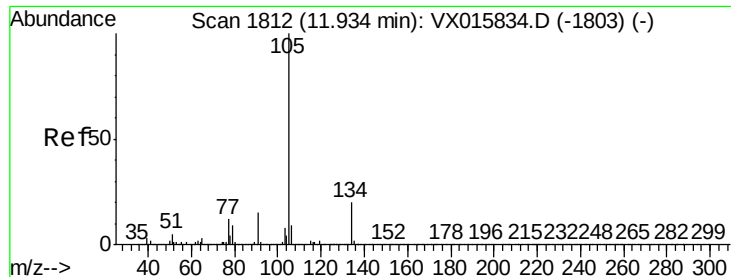
Tot Ion:119 Resp: 1746477
 Ion Ratio Lower Upper
 119 100
 91 64.9 30.9 92.7
 134 25.1 12.4 37.2



#84
 1,2,4-Trimethylbenzene
 Concen: 289.407 ug/l
 RT: 11.65 min Scan# 1766
 Delta R.T. -0.14 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

Tgt Ion:105 Resp:11378562
 Ion Ratio Lower Upper
 105 100
 120 33.9 22.9 68.7





#85

sec-Butylbenzene

Concen: 75.519 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

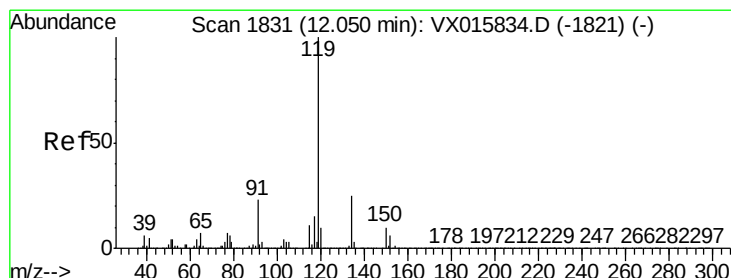
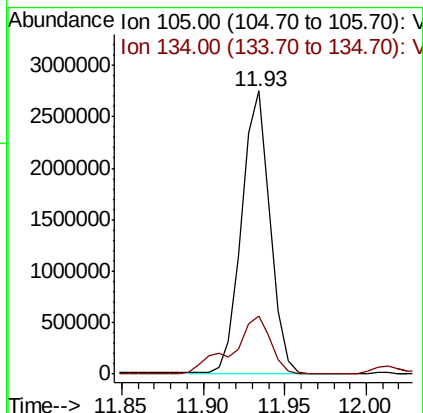
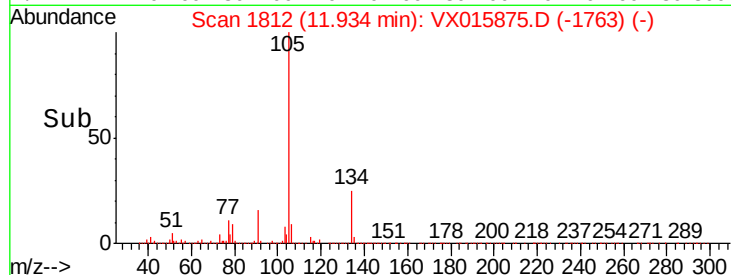
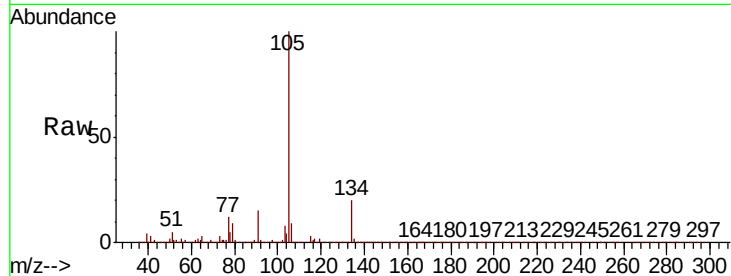
KY001MW079-200421MS

Tot Ion:105 Resp: 3344208

Ion Ratio Lower Upper

105 100

134 27.7 10.3 30.8



#86

p-Isopropyltoluene

Concen: 59.159 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

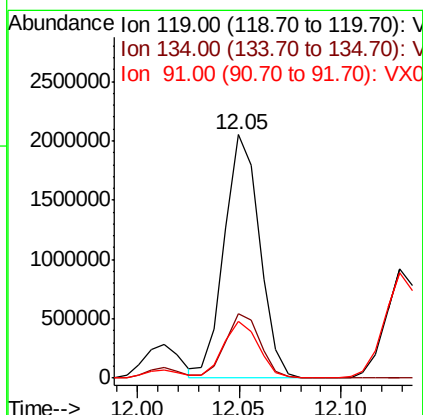
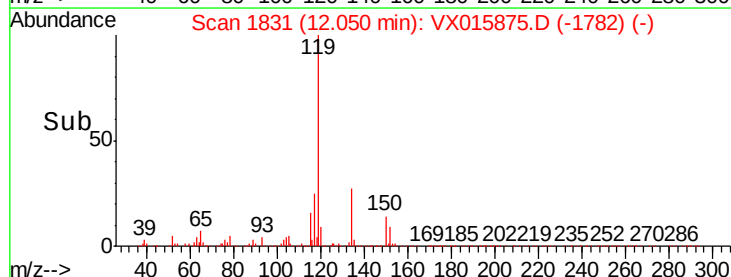
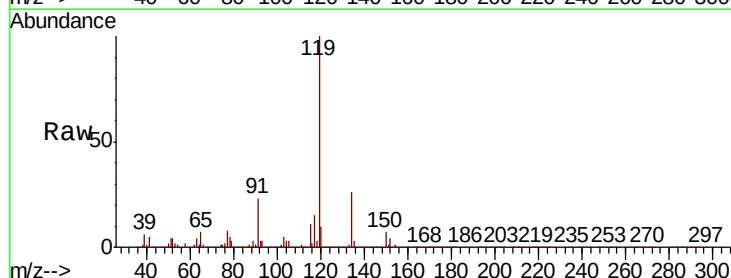
Tgt Ion:119 Resp: 2449651

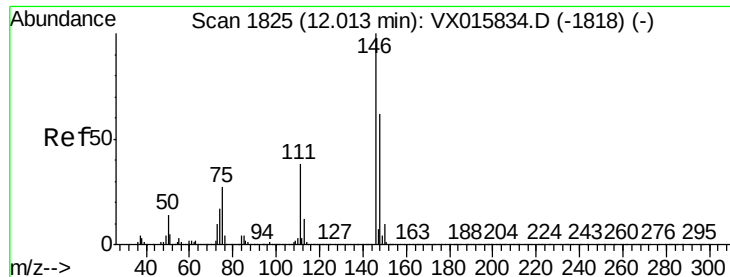
Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

91 23.0 11.5 34.5

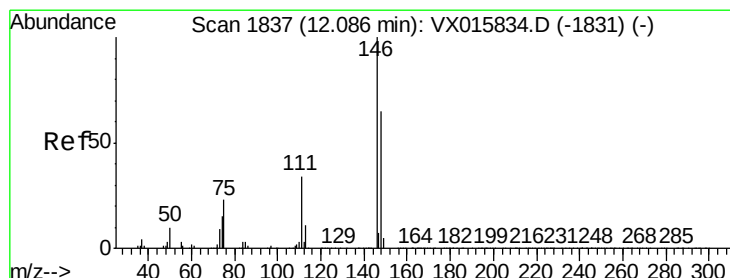
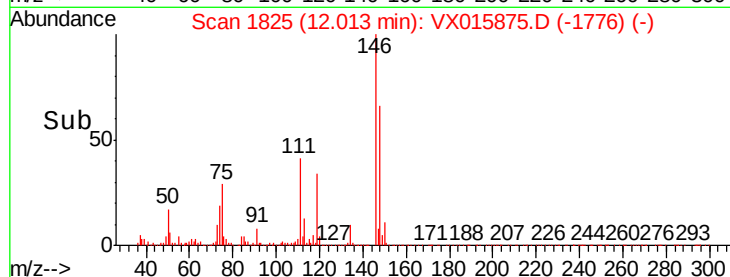
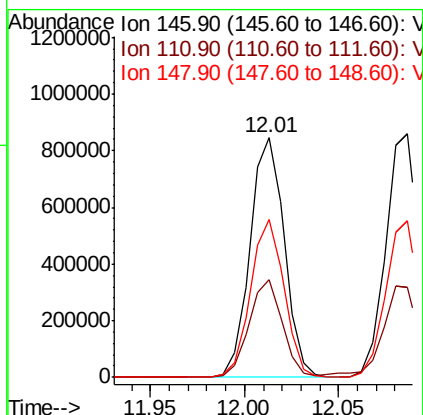
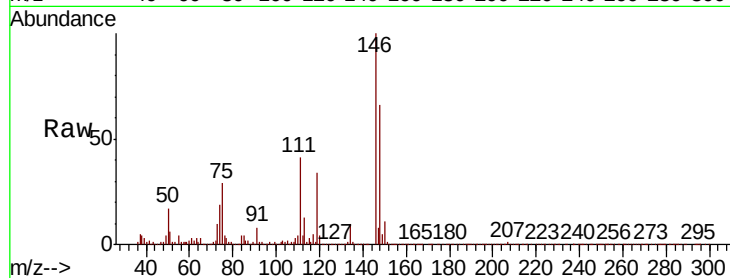




#87
 1,3-Dichlorobenzene
 Concen: 47.842 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

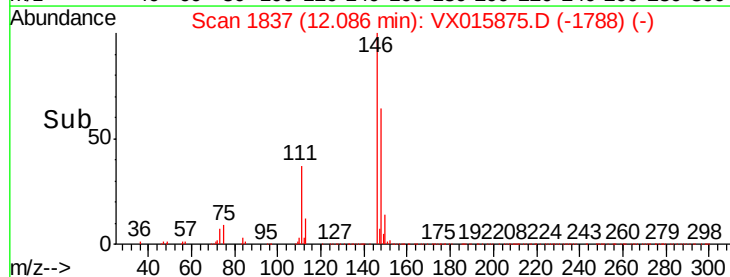
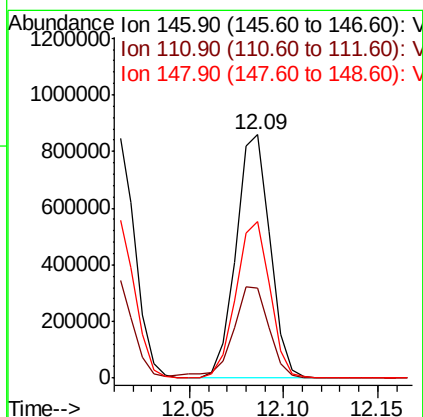
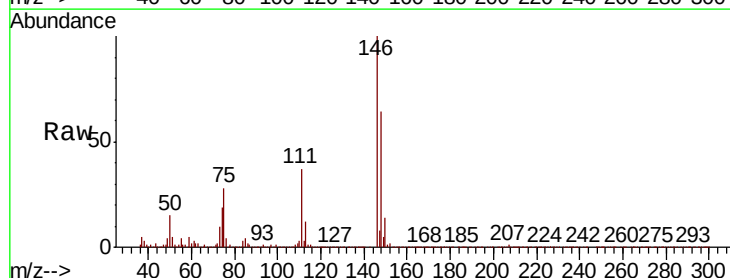
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MS

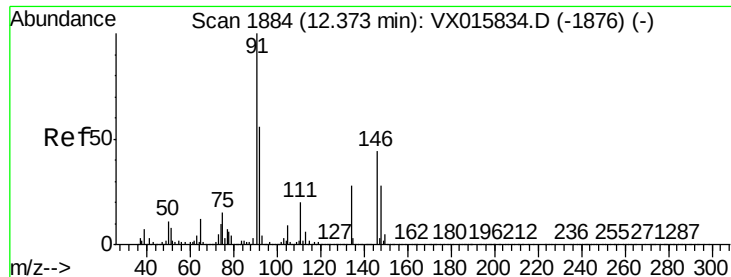
Tot Ion:146 Resp: 1065723
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.1 57.1
 148 64.3 30.9 92.7



#88
 1,4-Dichlorobenzene
 Concen: 48.146 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

Tgt Ion:146 Resp: 1073603
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.4 58.2
 148 64.2 33.8 101.4

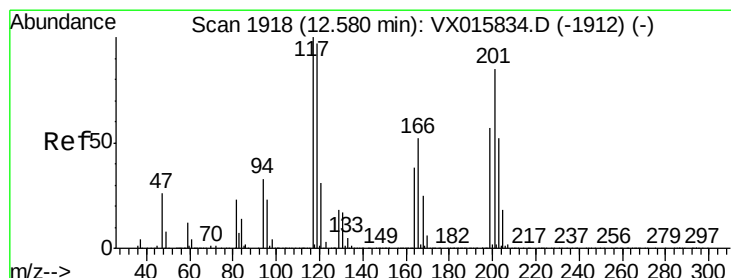
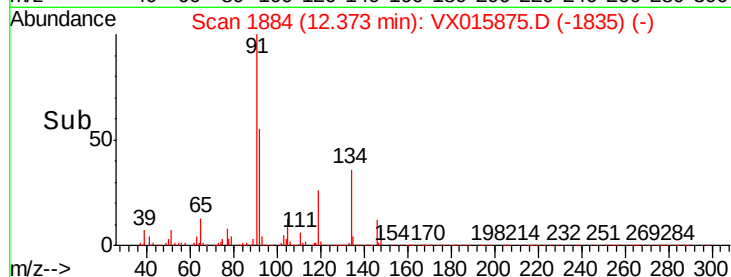
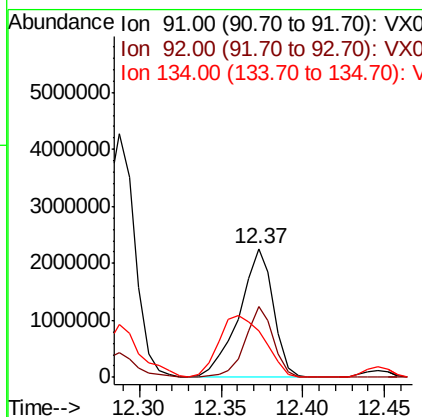
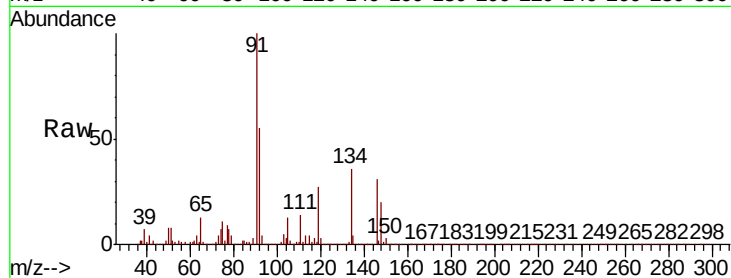




#89
n-Butylbenzene
Concen: 89.034 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

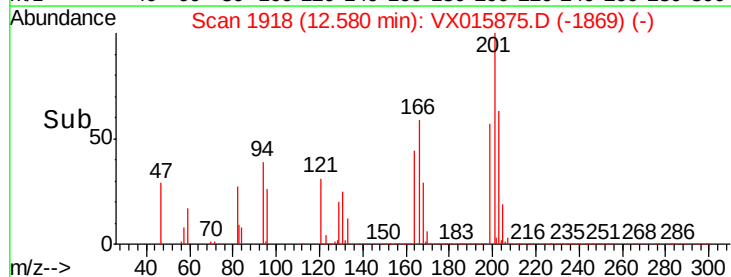
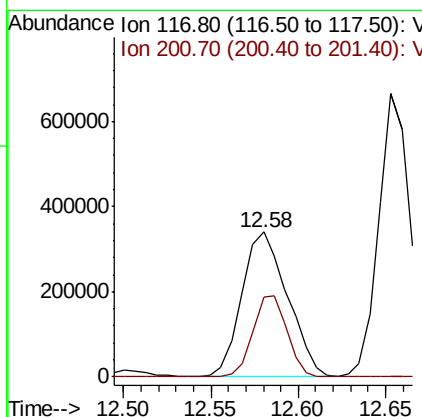
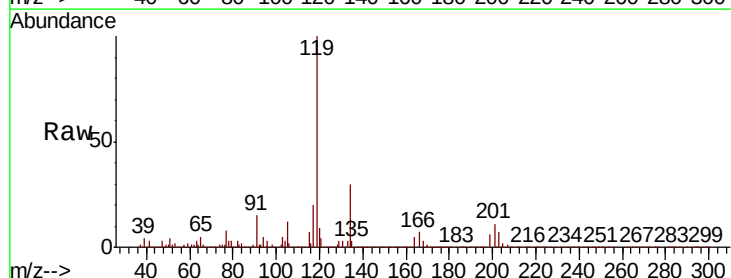
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

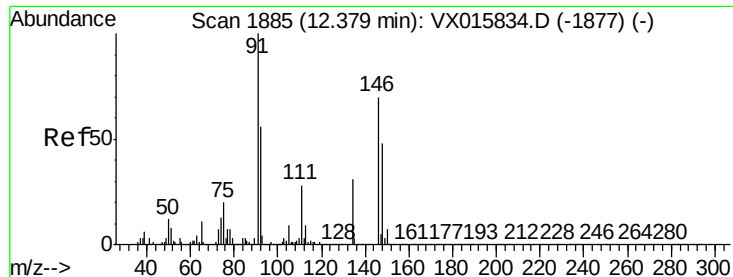
Tot Ion: 91 Resp: 3296182
Ion Ratio Lower Upper
91 100
92 45.1 27.7 83.1
134 63.9 14.1 42.4#



#90
Hexachloroethane
Concen: 140.145 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion: 117 Resp: 613041
Ion Ratio Lower Upper
117 100
201 42.3 45.6 136.9#





#91

1,2-Dichlorobenzene

Concen: 47.884 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

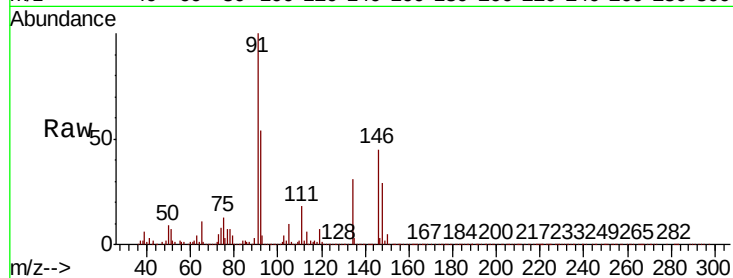
Tot Ion:146 Resp: 1011681

Ion Ratio Lower Upper

146 100

111 41.4 20.3 61.0

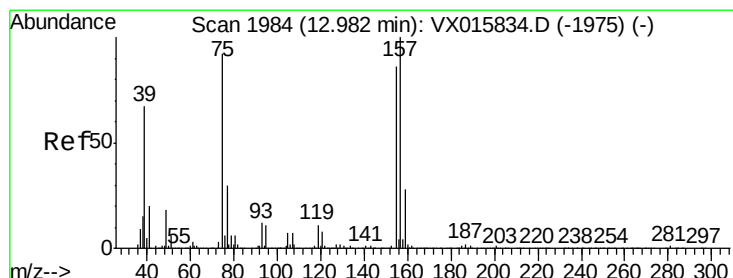
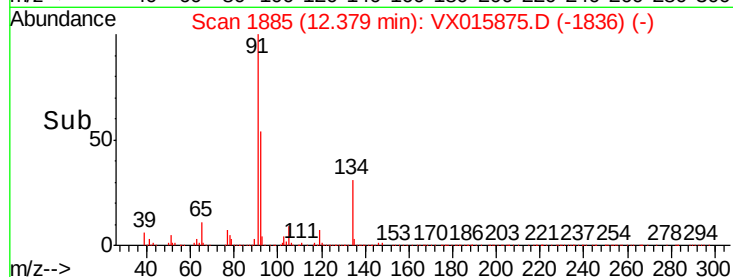
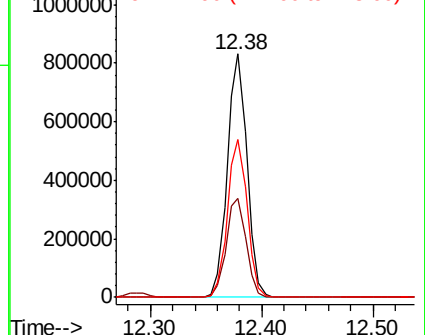
148 65.3 32.1 96.3



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: 82.897 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

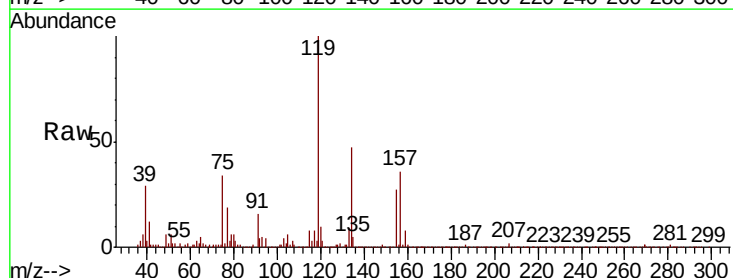
Tgt Ion: 75 Resp: 231069

Ion Ratio Lower Upper

75 100

155 59.9 48.1 144.4

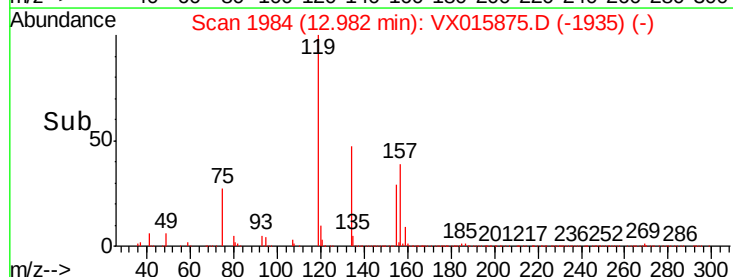
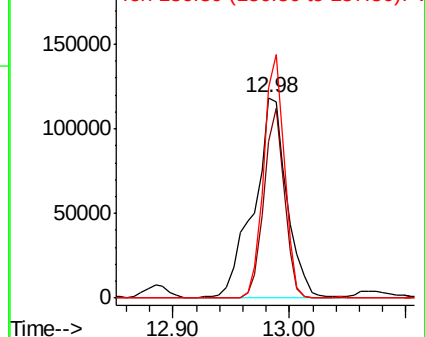
157 77.2 58.9 176.7

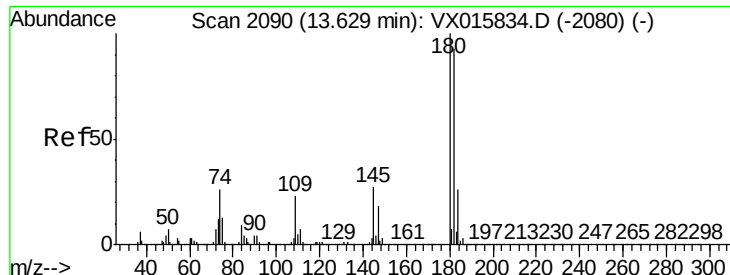


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

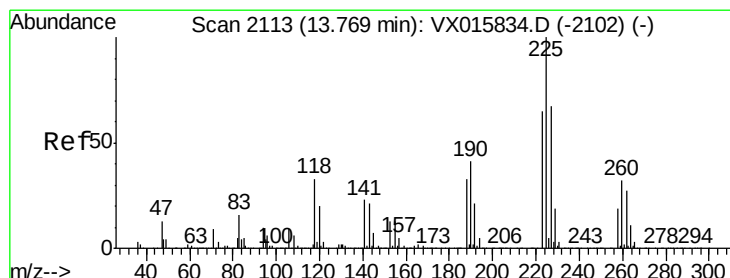
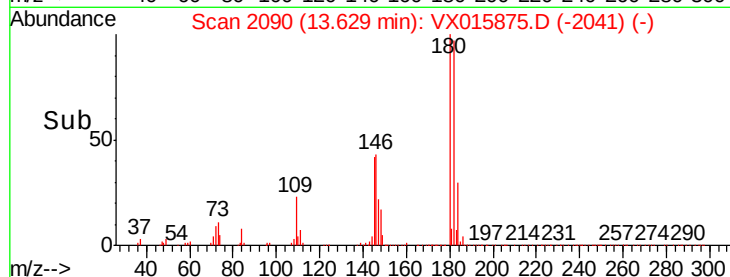
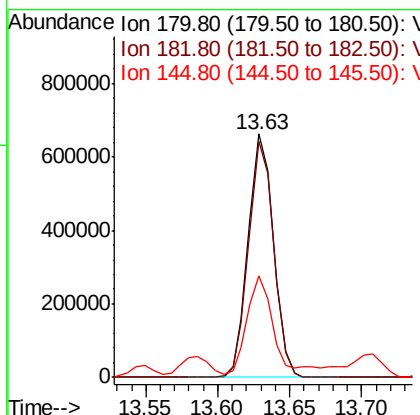
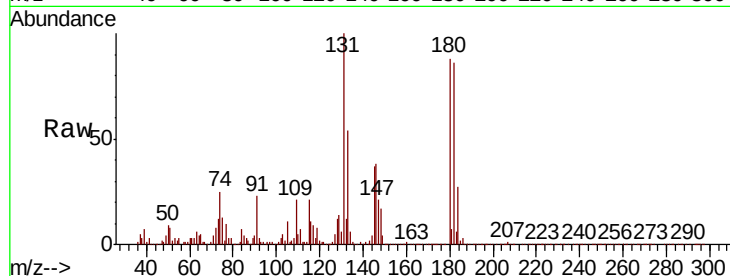




#93
 1,2,4-Trichlorobenzene
 Concen: 48.220 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

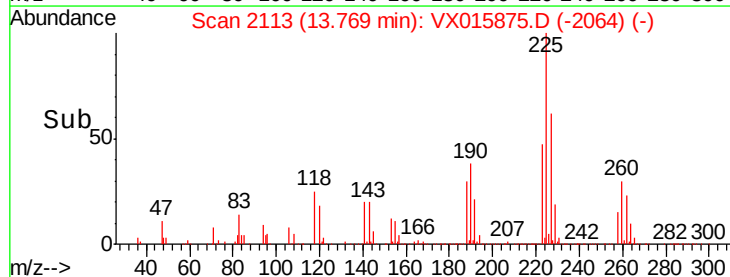
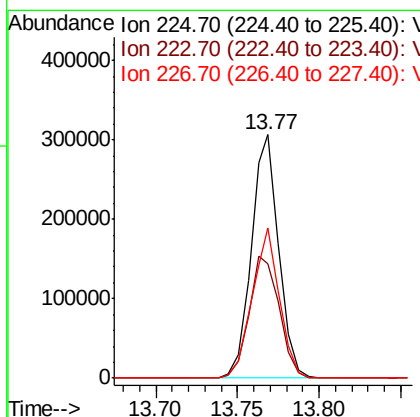
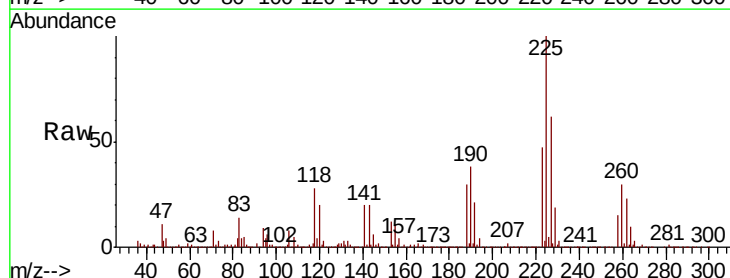
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MS

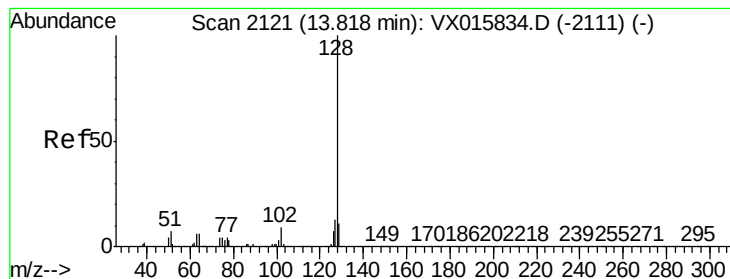
Tot Ion:180 Resp: 802721
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.7 143.1
 145 46.0 14.5 43.5#



#94
 Hexachlorobutadiene
 Concen: 47.734 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

Tgt Ion:225 Resp: 356280
 Ion Ratio Lower Upper
 225 100
 223 55.5 31.3 93.8
 227 61.3 32.6 97.8





#95

Naphthalene

Concen: 269.823 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

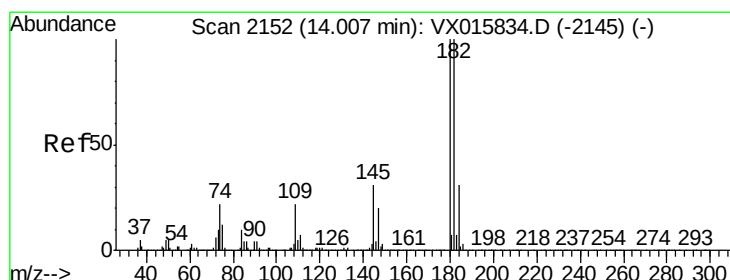
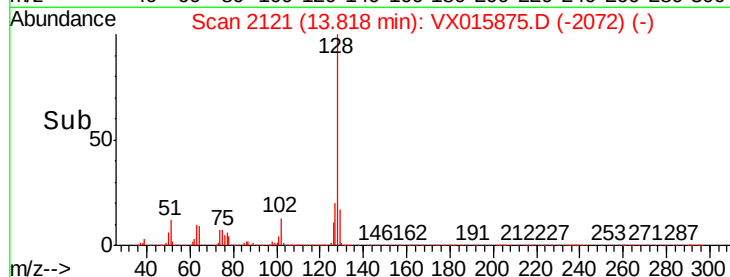
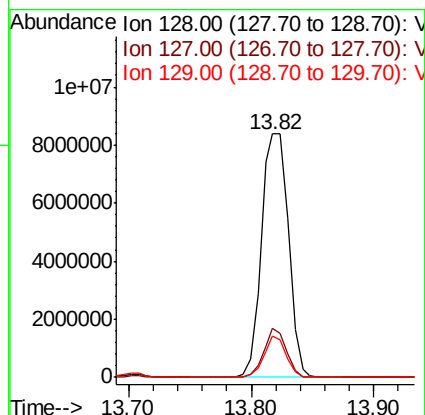
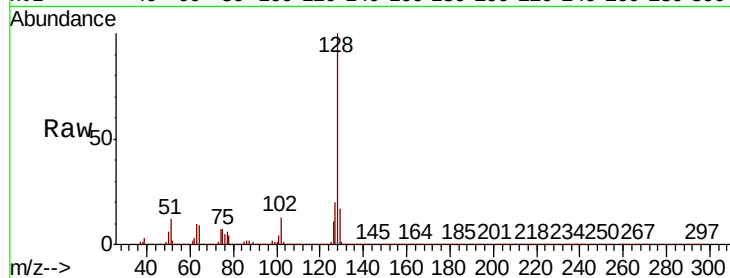
Tot Ion:128 Resp:12922849

Ion Ratio Lower Upper

128 100

127 16.5 10.5 15.7#

129 14.1 8.5 12.7#



#96

1,2,3-Trichlorobenzene

Concen: 48.618 ug/l

RT: 14.01 min Scan# 2152

Delta R.T. 0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Tgt Ion:180 Resp: 789621

Ion Ratio Lower Upper

180 100

182 93.7 47.9 143.7

145 35.6 15.2 45.5

