

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050120\
 Data File : VX016023.D
 Acq On : 01 May 2020 19:41
 Operator : JC/SP
 Sample : L2469-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 02 07:02:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	267812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	441085	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	414438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	209932	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	180105	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
35) Dibromofluoromethane	5.47	113	136678	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
50) Toluene-d8	8.70	98	517977	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
62) 4-Bromofluorobenzene	11.12	95	205043	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	122722	51.209	ug/l	99
3) Chloromethane	1.31	50	147851	50.905	ug/l	99
4) Vinyl Chloride	1.39	62	174034	52.762	ug/l	100
5) Bromomethane	1.62	94	88149	39.808	ug/l	98
6) Chloroethane	1.70	64	110833	50.515	ug/l	100
7) Trichlorofluoromethane	1.91	101	229336	46.000	ug/l	99
8) Diethyl Ether	2.17	74	100492	48.282	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	128554	51.729	ug/l	98
10) Methyl Iodide	2.49	142	170085	49.062	ug/l	98
11) Tert butyl alcohol	3.02	59	231562	272.435	ug/l	100
12) 1,1-Dichloroethene	2.36	96	133876	52.248	ug/l	98
13) Acrolein	2.27	56	69548	325.590	ug/l	99
14) Allyl chloride	2.71	41	248455	53.774	ug/l	96
15) Acrylonitrile	3.12	53	467957	277.665	ug/l	100
16) Acetone	2.42	43	413061	275.866	ug/l	100
17) Carbon Disulfide	2.55	76	381170	50.996	ug/l	99
18) Methyl Acetate	2.75	43	222639	52.398	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	493895	53.293	ug/l	98
20) Methylene Chloride	2.84	84	154988	52.288	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	145318	50.322	ug/l	100
22) Diisopropyl ether	3.82	45	492999	54.273	ug/l	98
23) Vinyl Acetate	3.79	43	2023413	256.428	ug/l	100
24) 1,1-Dichloroethane	3.67	63	297940	58.879	ug/l	99
25) 2-Butanone	4.64	43	667717	275.190	ug/l	100
26) 2,2-Dichloropropane	4.56	77	219374	47.415	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	168710	51.483	ug/l	99
28) Bromochloromethane	4.98	49	125091	51.085	ug/l	97
29) Tetrahydrofuran	5.09	42	436101	274.252	ug/l	99
30) Chloroform	5.18	83	275277	52.316	ug/l	99
31) Cyclohexane	5.55	56	239001	53.054	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	249504	51.500	ug/l	100
36) 1,1-Dichloropropene	5.78	75	201415	47.944	ug/l	100
37) Ethyl Acetate	4.80	43	243940	50.639	ug/l	100
38) Carbon Tetrachloride	5.76	117	217938	49.115	ug/l	99

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 ClientSampleId :

Quant Time: May 02 07:02:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	238396	49.059	ug/l	97
40) Benzene	6.12	78	610882	50.963	ug/l	100
41) Methacrylonitrile	5.01	41	138430	53.685	ug/l	97
42) 1,2-Dichloroethane	6.17	62	229400	49.392	ug/l	100
43) Isopropyl Acetate	6.42	43	395229	49.545	ug/l	99
44) Trichloroethene	7.19	130	205912	47.659	ug/l	98
45) 1,2-Dichloropropane	7.49	63	159535	51.498	ug/l	98
46) Dibromomethane	7.64	93	107700	48.926	ug/l	98
47) Bromodichloromethane	7.88	83	222359	50.833	ug/l	98
48) Methyl methacrylate	7.75	41	193338	52.494	ug/l	97
49) 1,4-Dioxane	7.71	88	91226	1052.887	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1278000	264.124	ug/l	98
52) Toluene	8.77	92	384657	50.554	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	255818	49.287	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	264193	49.491	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	156828	51.576	ug/l	99
56) Ethyl methacrylate	9.16	69	259359	52.456	ug/l	97
57) 1,3-Dichloropropane	9.35	76	268961	51.481	ug/l	98
59) 2-Hexanone	9.48	43	1003198	265.296	ug/l	98
60) Dibromochloromethane	9.57	129	175113	51.453	ug/l	97
61) 1,2-Dibromoethane	9.65	107	169728	51.475	ug/l	100
64) Tetrachloroethene	9.32	164	235715	47.944	ug/l	95
65) Chlorobenzene	10.12	112	414951	49.159	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	159792	50.087	ug/l	99
67) Ethyl Benzene	10.24	91	737529	49.063	ug/l	100
68) m/p-Xylenes	10.34	106	563008	98.703	ug/l	100
69) o-Xylene	10.68	106	273575	50.516	ug/l	98
70) Stvrene	10.70	104	479506	51.601	ug/l	99
71) Bromoform	10.84	173	130863	45.315	ug/l #	98
73) Isopropylbenzene	11.01	105	732968	51.324	ug/l	100
74) N-amyl acetate	10.88	43	334688	48.592	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	159153	48.156	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	309672	70.298	ug/l	83
77) Bromobenzene	11.24	156	185749	50.529	ug/l	97
78) n-propylbenzene	11.35	91	842467	51.280	ug/l	99
79) 2-Chlorotoluene	11.41	91	500953	51.179	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	623791	51.852	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	93192	49.994	ug/l	97
82) 4-Chlorotoluene	11.49	91	591436	50.519	ug/l	100
83) tert-Butylbenzene	11.76	119	530584	51.151	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	630531	52.078	ug/l	99
85) sec-Butylbenzene	11.93	105	716427	51.264	ug/l	99
86) p-Isopropyltoluene	12.05	119	652850	49.873	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	322087	48.046	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	327453	48.332	ug/l	98
89) n-Butylbenzene	12.37	91	584861	49.448	ug/l	100
90) Hexachloroethane	12.58	117	117552	50.825	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	320115	49.937	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59669	50.608	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	226426	47.060	ug/l	99

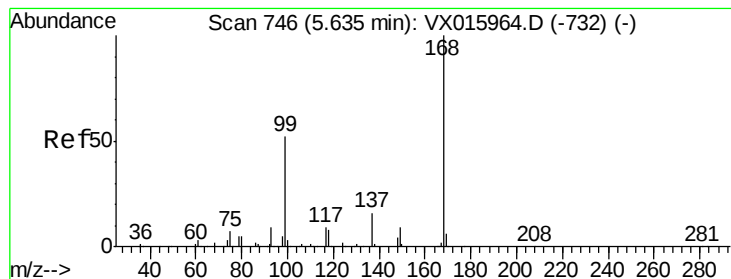
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050120\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 28 17:30:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	95336	44.349	ug/l	99
95) Naphthalene	13.82	128	770251	50.758	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	226590	48.909	ug/l	97

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

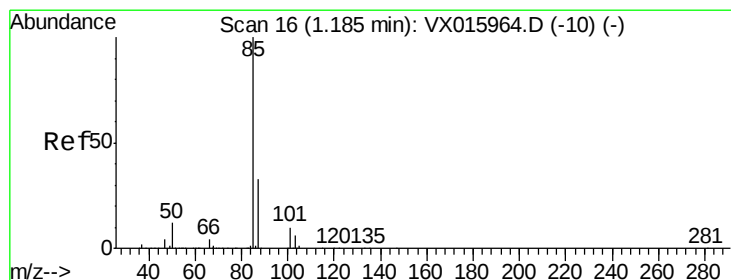
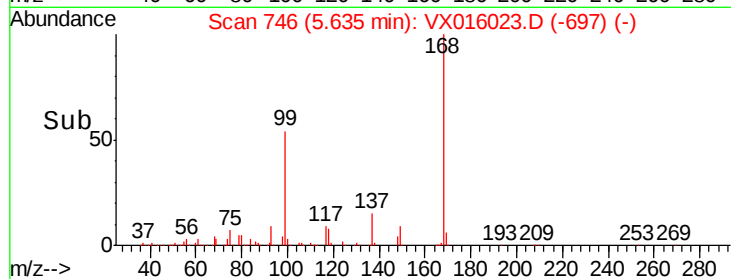
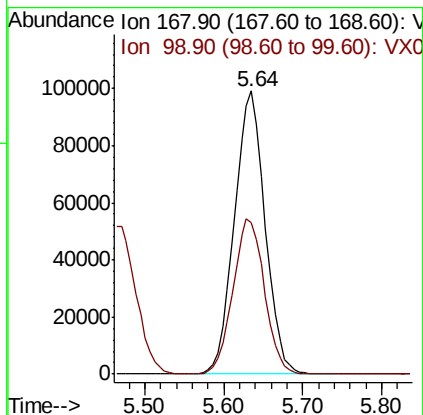
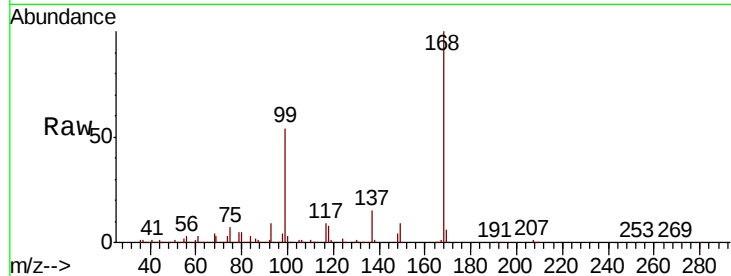


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VX016023.D
 Acq: 01 May 2020 19:41

Instrument :
 MSVOA_X
 ClientSampled :

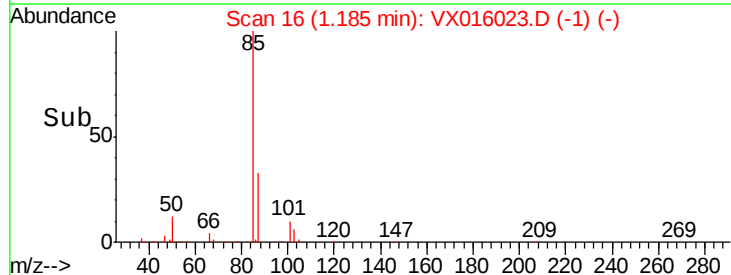
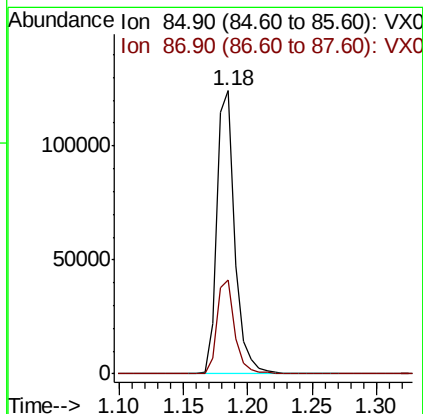
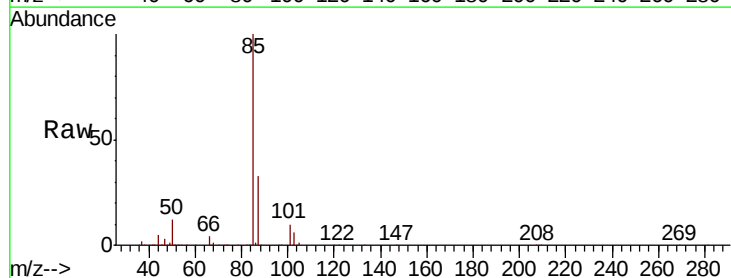
Tot Ion:168 Resp: 267812
 Ion Ratio Lower Upper
 168 100
 99 53.5 41.7 62.5

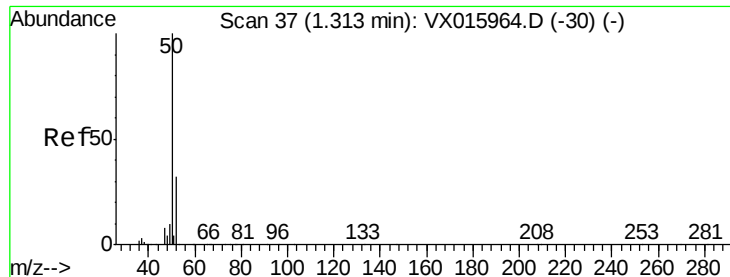


#2

Dichlorodifluoromethane
 Concen: 51.209 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX016023.D
 Acq: 01 May 2020 19:41

Tgt Ion: 85 Resp: 122722
 Ion Ratio Lower Upper
 85 100
 87 33.0 16.7 50.1





#3

Chloromethane

Concen: 50.905 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

Instrument :

MSVOA_X

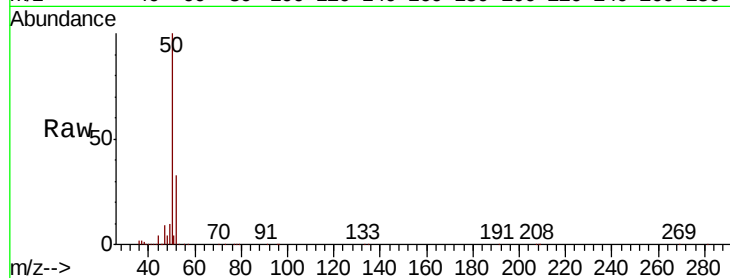
ClientSampleId :

Tot Ion: 50 Resp: 147851

Ion Ratio Lower Upper

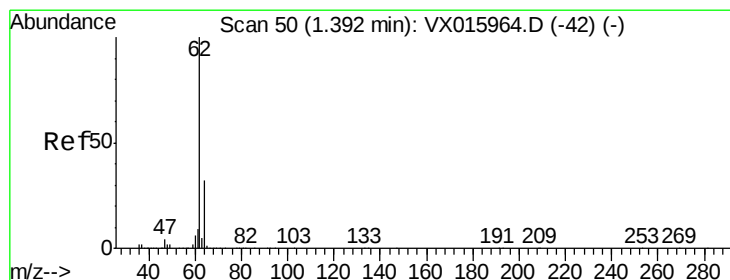
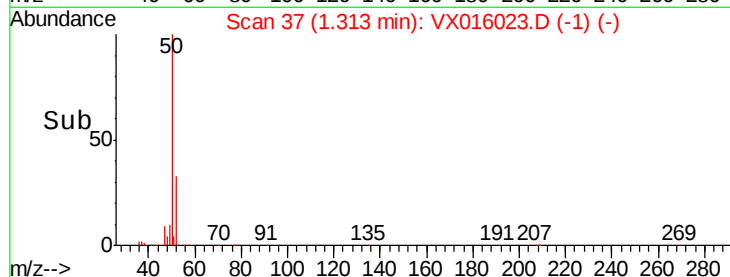
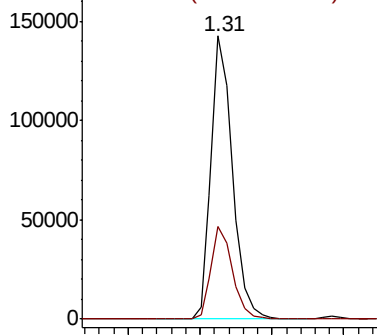
50 100

52 32.6 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.762 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016023.D

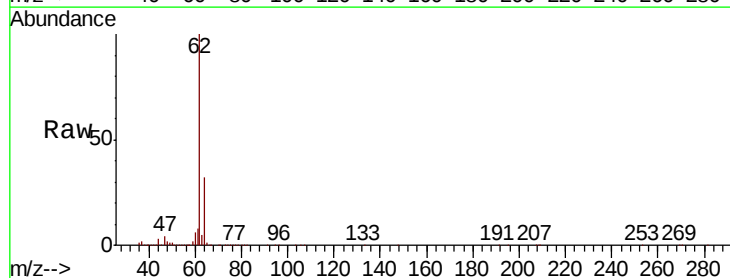
Acq: 01 May 2020 19:41

Tgt Ion: 62 Resp: 174034

Ion Ratio Lower Upper

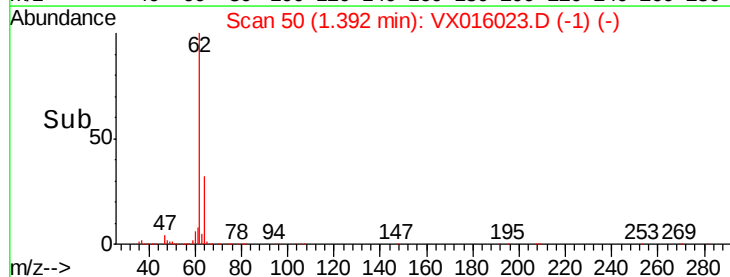
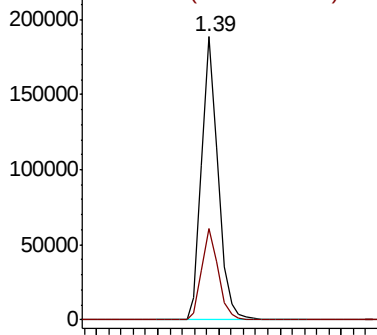
62 100

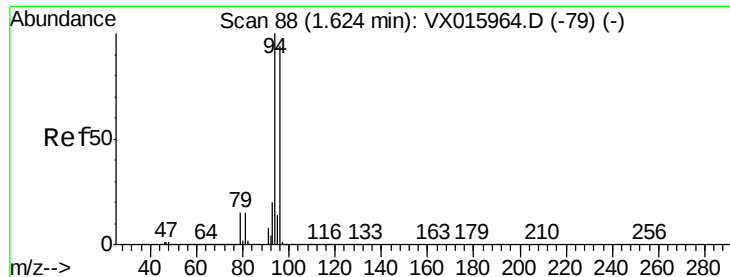
64 32.2 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

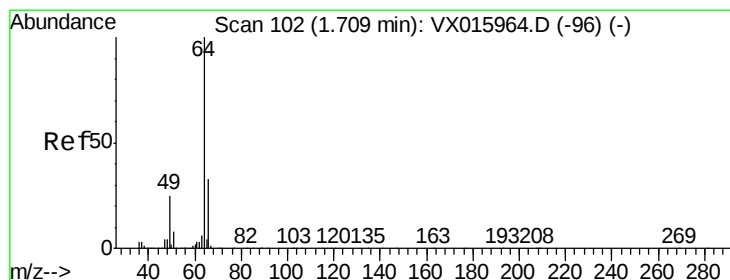
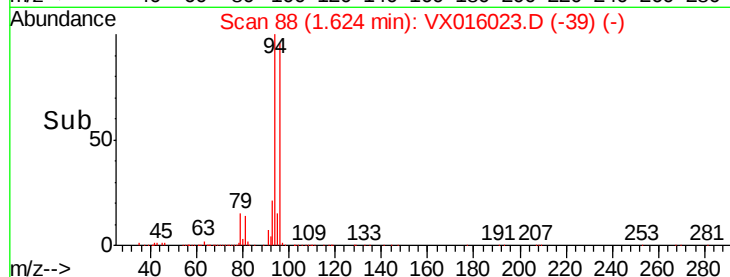
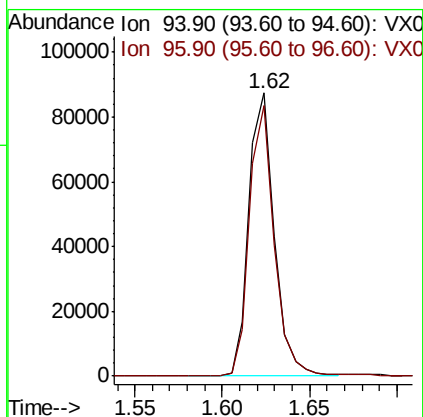
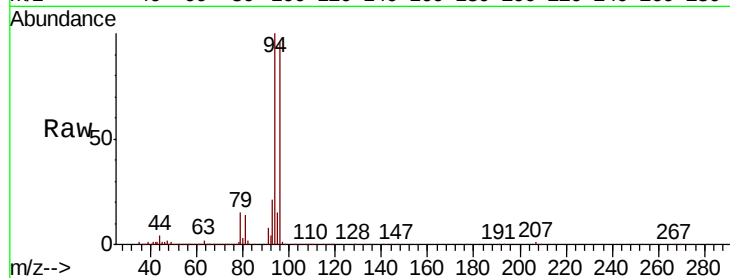




#5
Bromomethane
Concen: 39.808 ug/l
RT: 1.62 min Scan# 88
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

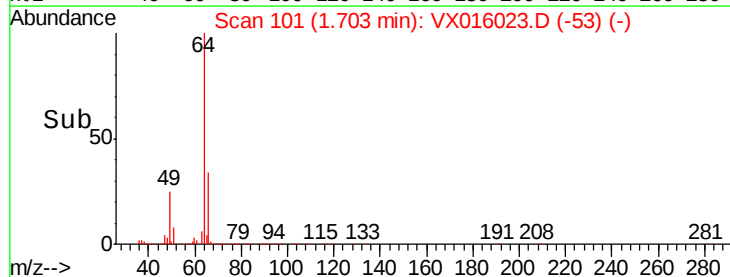
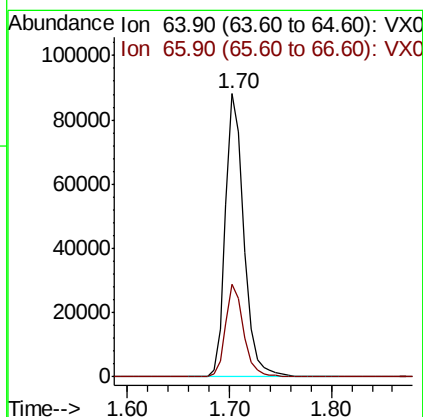
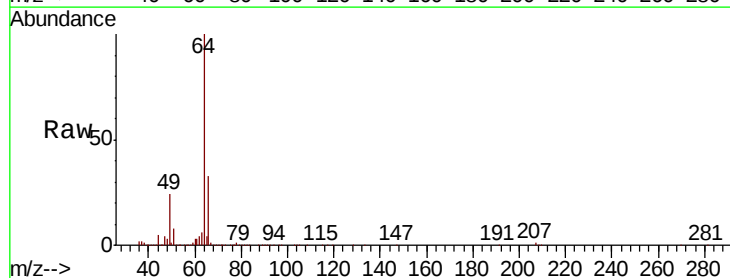
Instrument :
MSVOA_X
ClientSampleId :

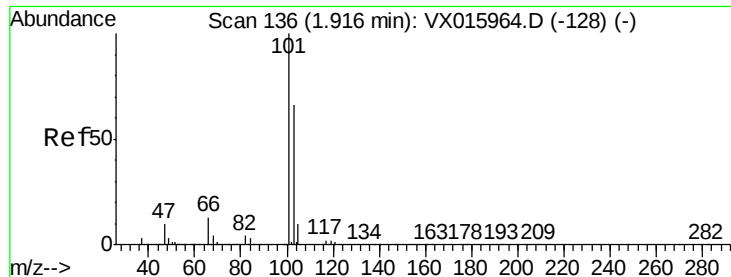
Tot Ion: 94 Resp: 88149
Ion Ratio Lower Upper
94 100
96 95.6 74.9 112.3



#6
Chloroethane
Concen: 50.515 ug/l
RT: 1.70 min Scan# 101
Delta R.T. -0.01 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

Tgt Ion: 64 Resp: 110833
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.2



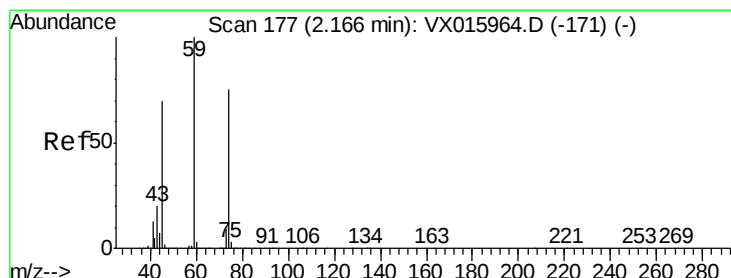
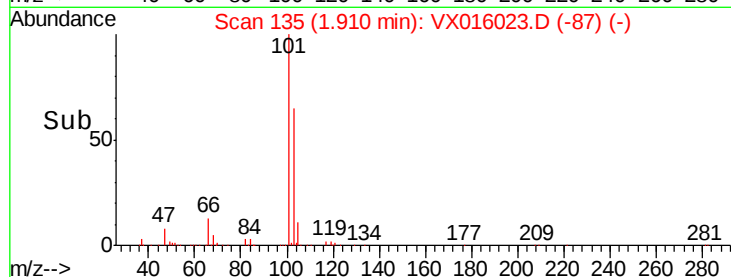
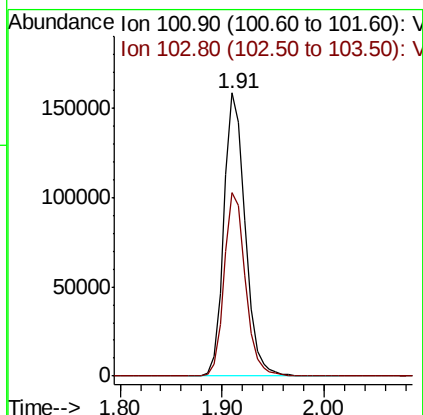
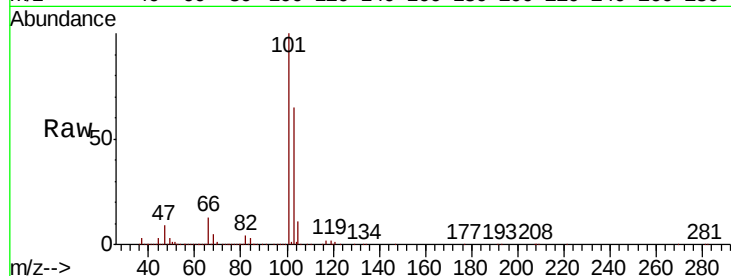


#7

Trichlorofluoromethane
Concen: 46.000 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

Instrument :
MSVOA_X
ClientSampleId :

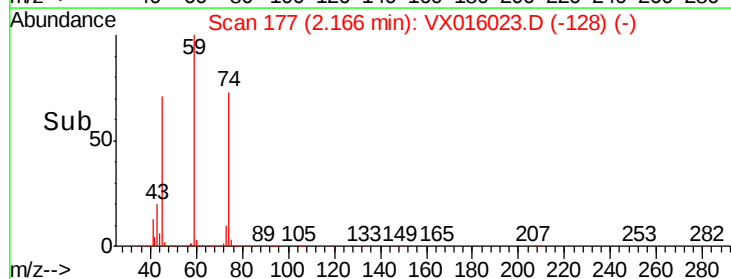
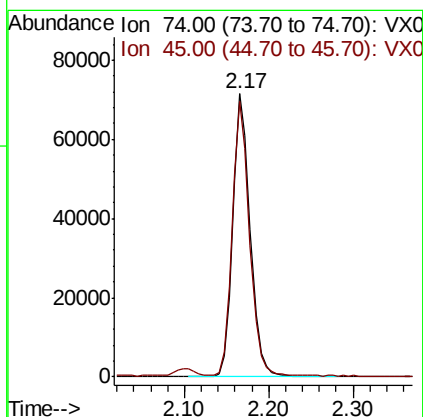
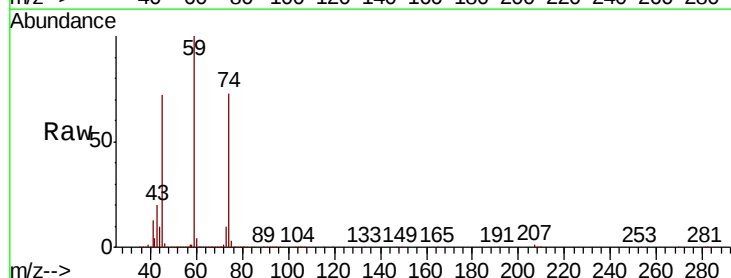
Tot Ion:101 Resp: 229336
Ion Ratio Lower Upper
101 100
103 65.0 52.4 78.6

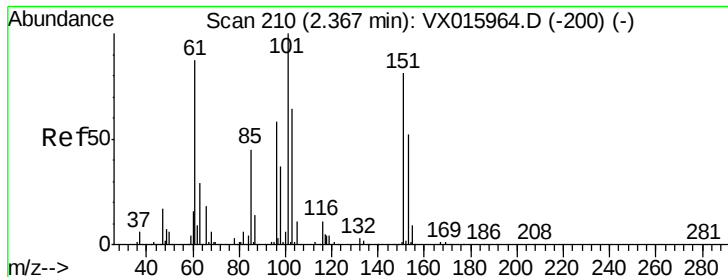


#8

Diethyl Ether
Concen: 48.282 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

Tgt Ion: 74 Resp: 100492
Ion Ratio Lower Upper
74 100
45 96.3 47.1 141.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.729 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

Instrument :

MSVOA_X

ClientSampleId :

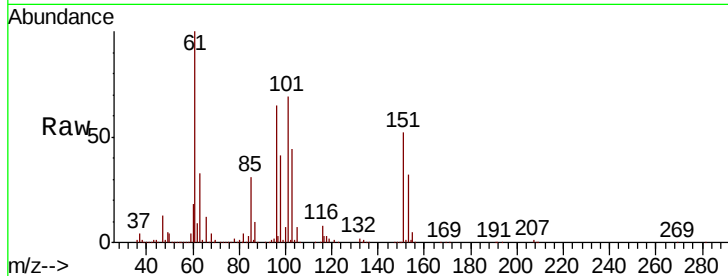
Tot Ion:101 Resp: 128554

Ion Ratio Lower Upper

101 100

85 44.2 36.3 54.5

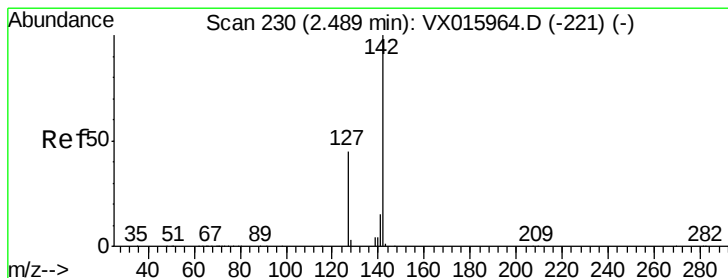
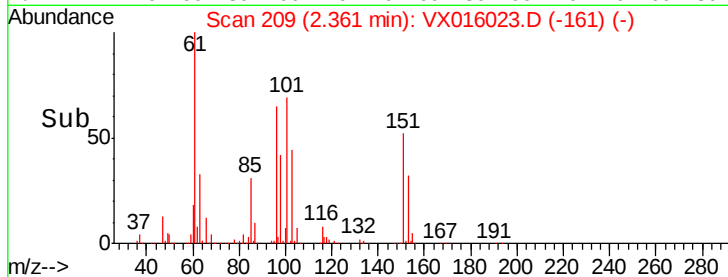
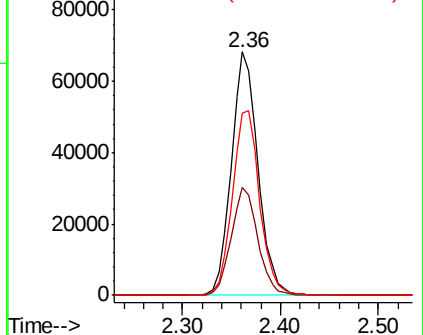
151 77.7 63.1 94.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.062 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

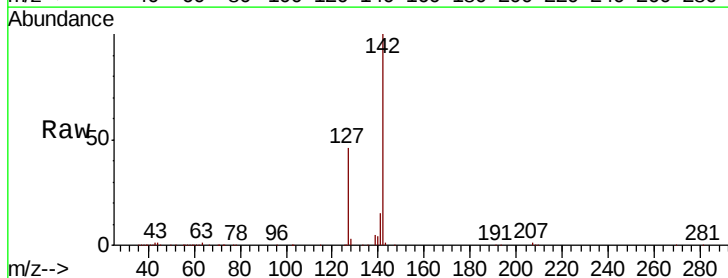
Tgt Ion:142 Resp: 170085

Ion Ratio Lower Upper

142 100

127 44.1 36.5 54.7

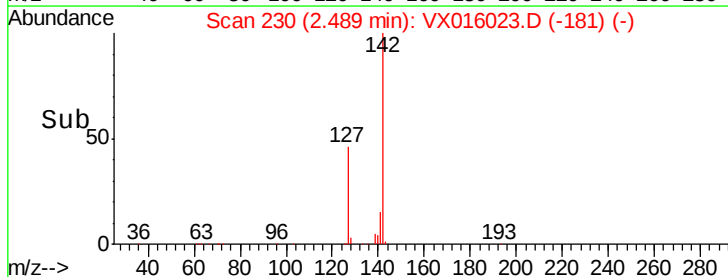
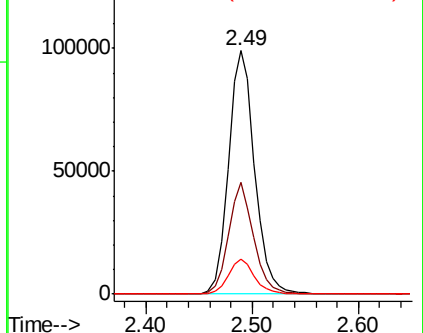
141 14.4 11.6 17.4

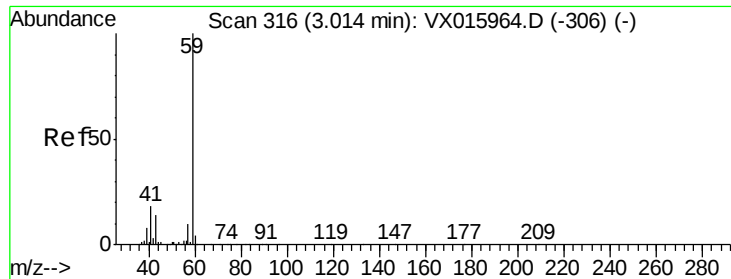


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



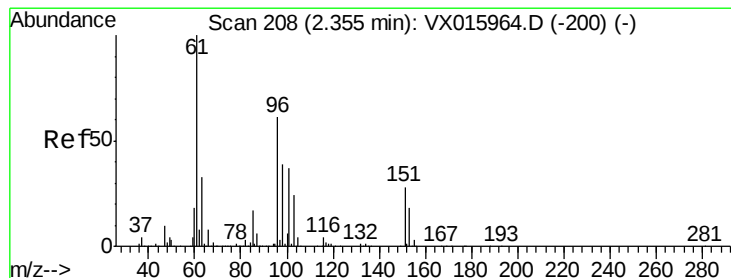
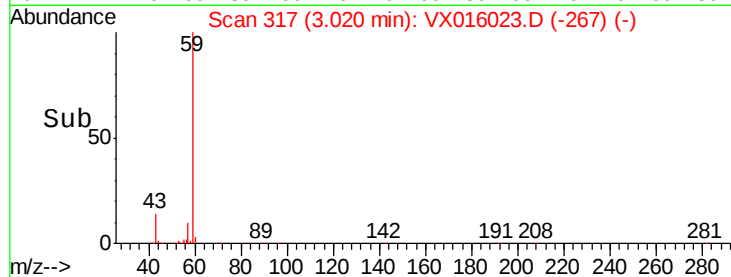
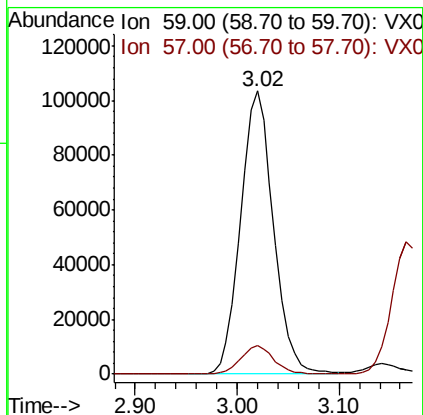
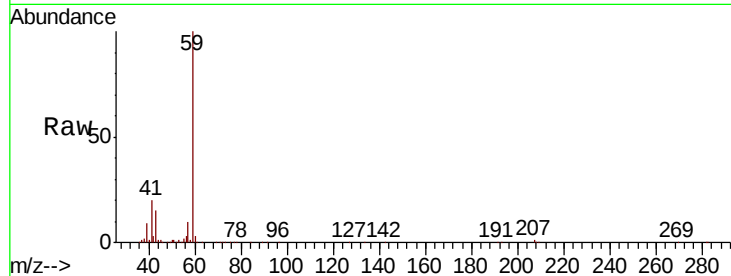


#11

Tert butyl alcohol
 Concen: 272.435 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX016023.D
 Acq: 01 May 2020 19:41

Instrument :
 MSVOA_X
 ClientSampled :

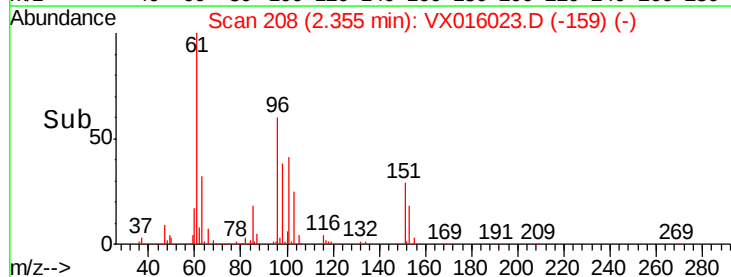
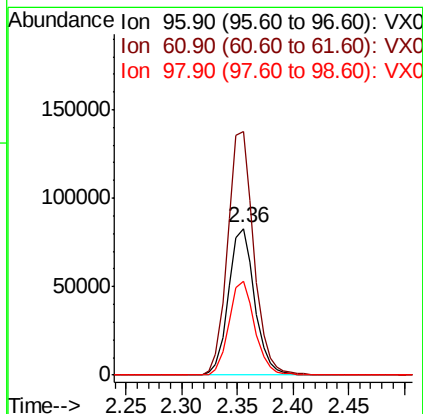
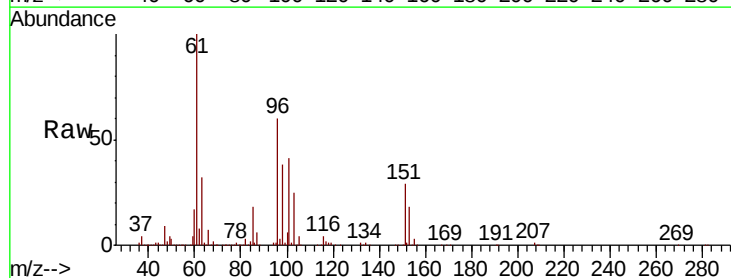
Tot Ion: 59 Resp: 231562
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

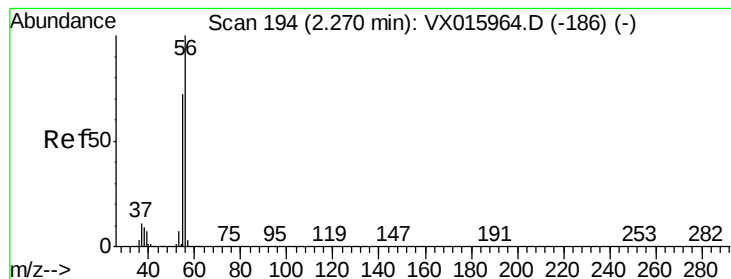


#12

1,1-Dichloroethene
 Concen: 52.248 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX016023.D
 Acq: 01 May 2020 19:41

Tgt Ion: 96 Resp: 133876
 Ion Ratio Lower Upper
 96 100
 61 166.5 131.0 196.4
 98 63.9 50.7 76.1





#13

Acrolein

Concen: 325.590 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

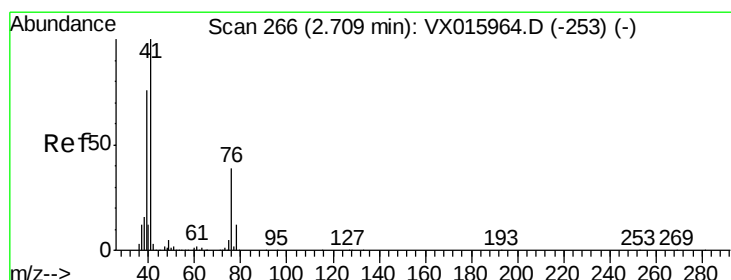
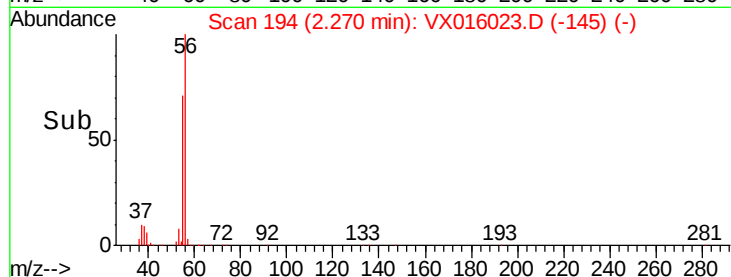
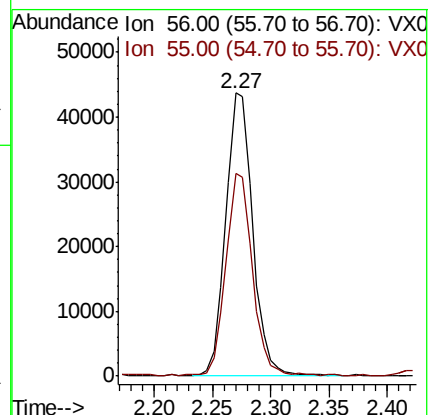
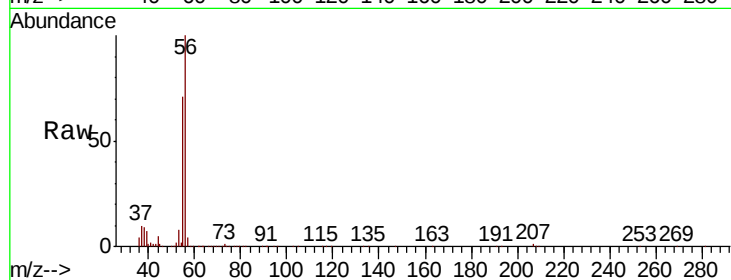
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 69548

Ion Ratio Lower Upper

56 100

55 70.6 56.9 85.3



#14

Allyl chloride

Concen: 53.774 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

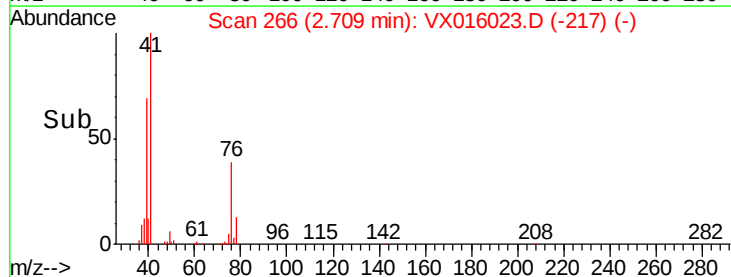
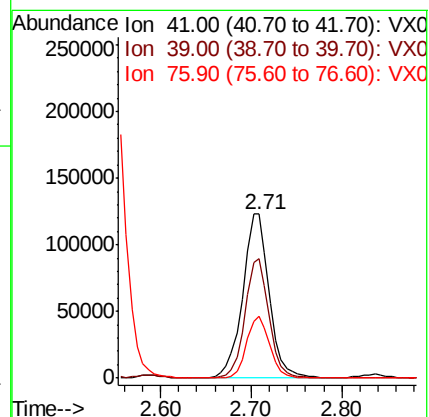
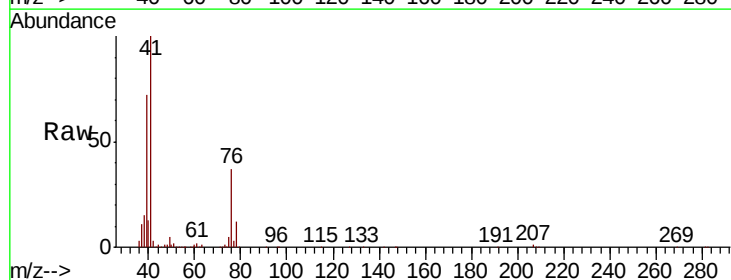
Tgt Ion: 41 Resp: 248455

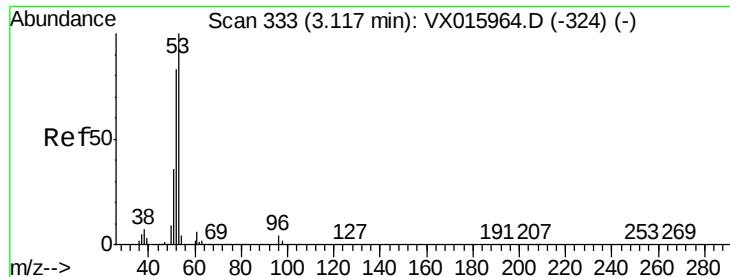
Ion Ratio Lower Upper

41 100

39 65.4 55.4 83.0

76 33.0 27.1 40.7

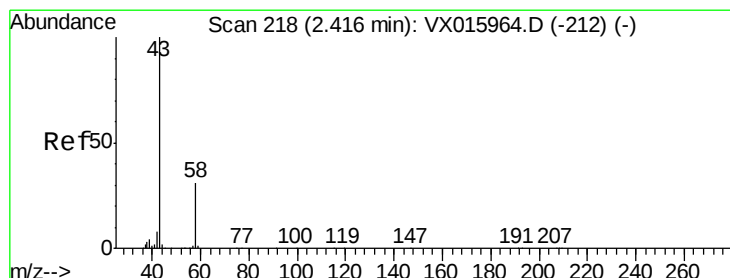
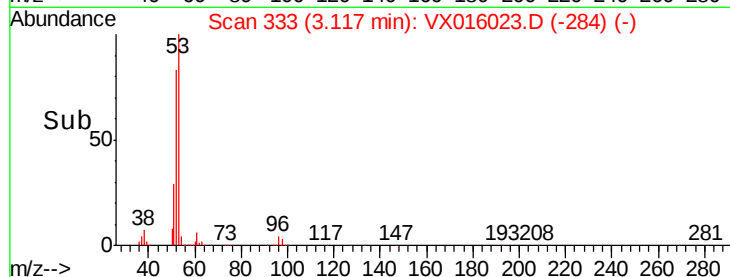
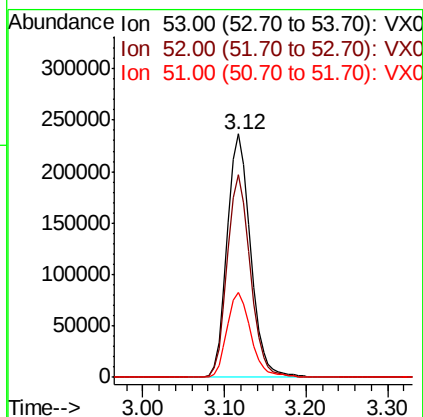
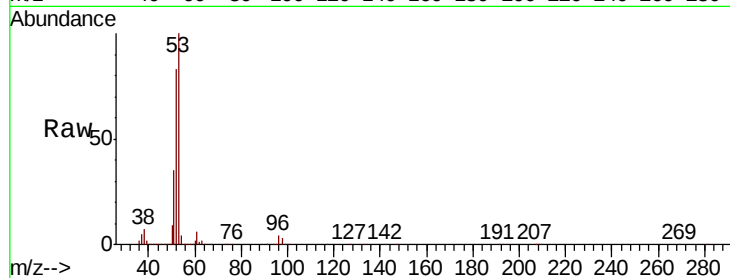




#15
 Acrylonitrile
 Concen: 277.665 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX016023.D
 Acq: 01 May 2020 19:41

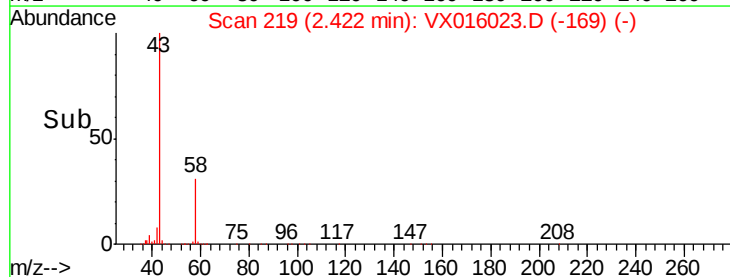
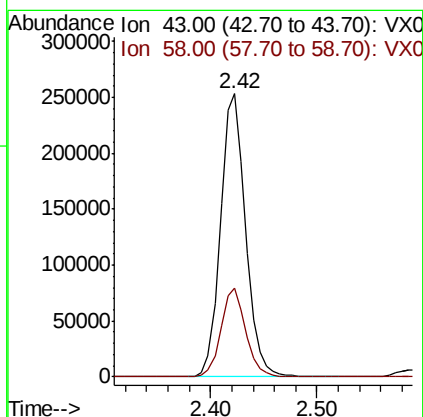
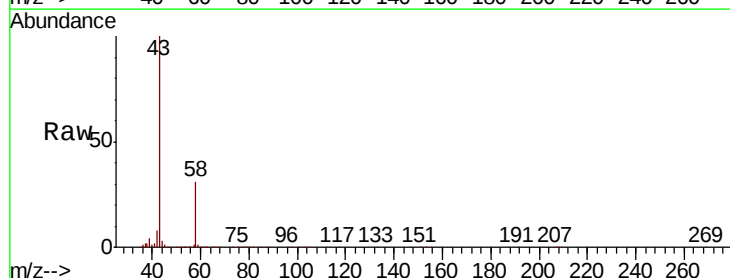
Instrument :
 MSVOA_X
 ClientSampleId :

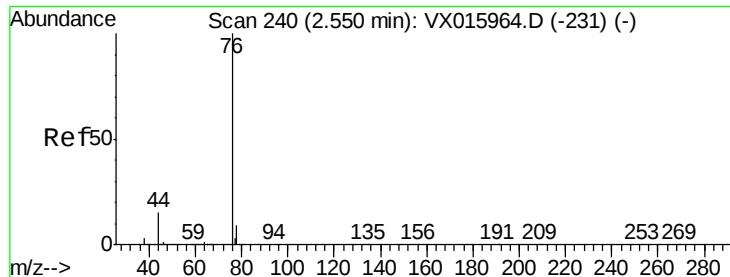
Tot Ion	53	Resp	467957
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.5	98.3
51	35.7	28.7	43.1



#16
 Acetone
 Concen: 275.866 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.01 min
 Lab File: VX016023.D
 Acq: 01 May 2020 19:41

Tgt Ion	43	Resp	413061
Ion	Ratio	Lower	Upper
43	100		
58	31.4	25.1	37.7





#17

Carbon Disulfide

Concen: 50.996 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

Instrument :

MSVOA_X

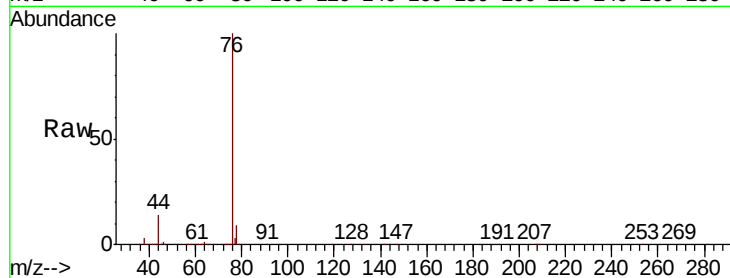
ClientSampleId :

Tot Ion: 76 Resp: 381170

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

200000

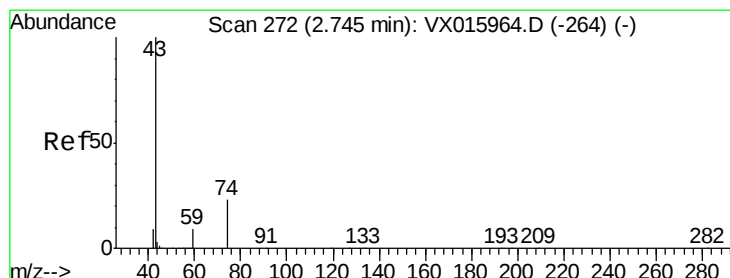
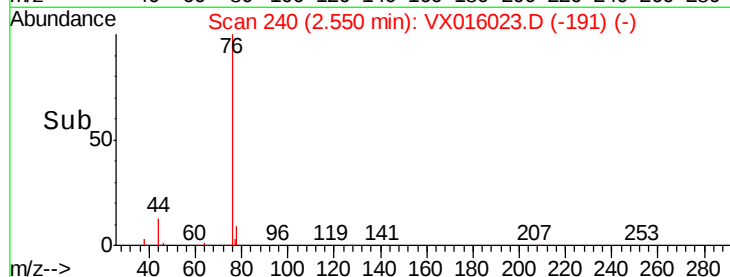
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 52.398 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX016023.D

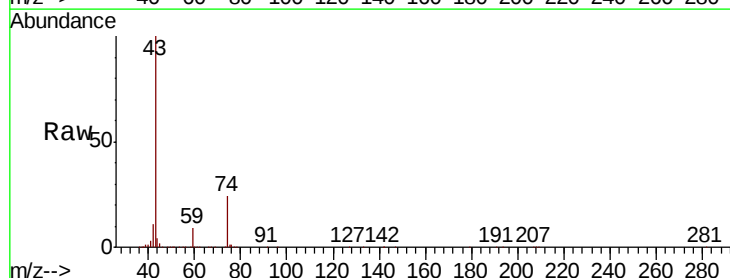
Acq: 01 May 2020 19:41

Tgt Ion: 43 Resp: 222639

Ion Ratio Lower Upper

43 100

74 24.6 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

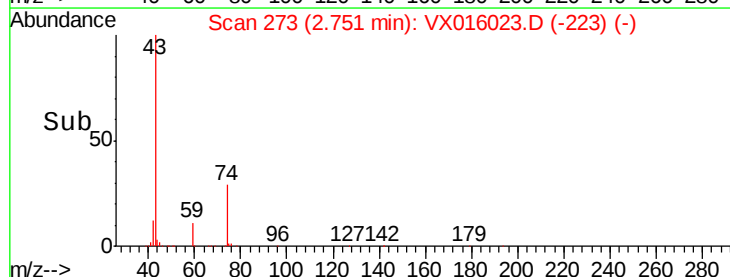
150000

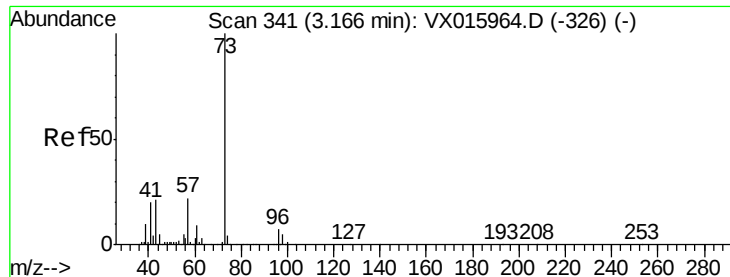
100000

50000

0

Time-->



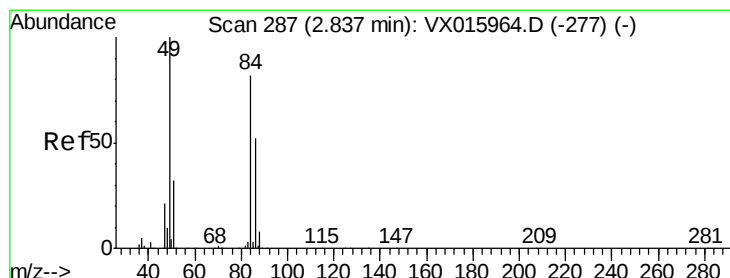
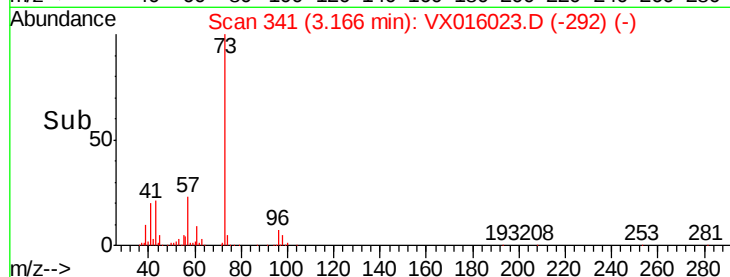
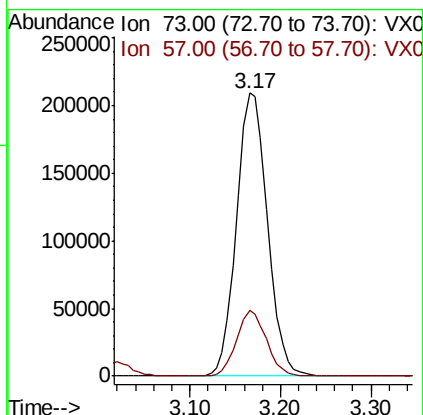
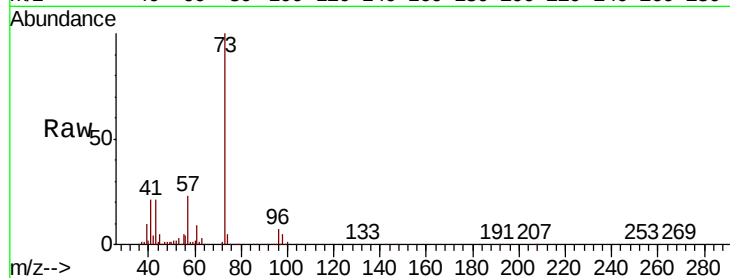


#19

Methyl tert-butyl Ether
 Concen: 53.293 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016023.D
 Acq: 01 May 2020 19:41

Instrument :
 MSVOA_X
 ClientSampleId :

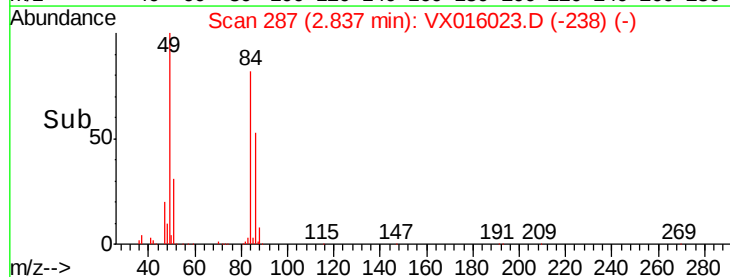
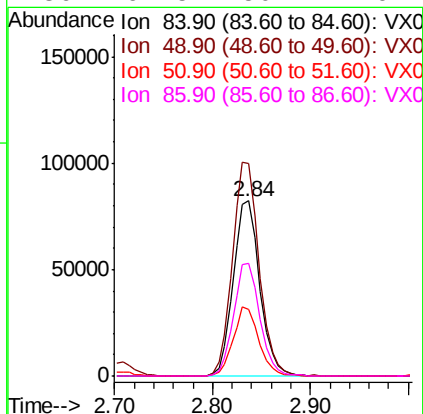
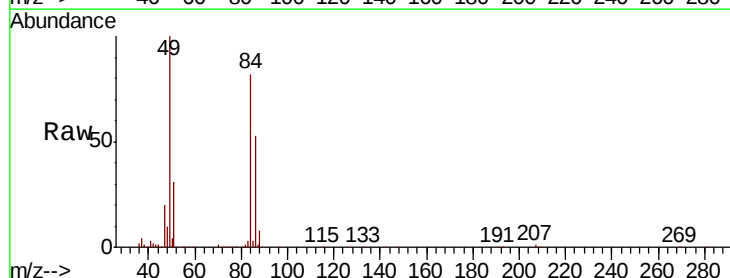
Tot Ion: 73 Resp: 493895
 Ion Ratio Lower Upper
 73 100
 57 23.1 17.5 26.3

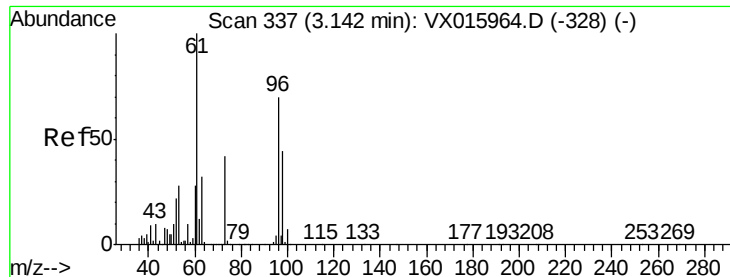


#20

Methylene Chloride
 Concen: 52.288 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX016023.D
 Acq: 01 May 2020 19:41

Tgt Ion: 84 Resp: 154988
 Ion Ratio Lower Upper
 84 100
 49 121.6 97.9 146.9
 51 38.0 31.2 46.8
 86 64.5 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 50.322 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

Instrument :
MSVOA_X
ClientSampled :

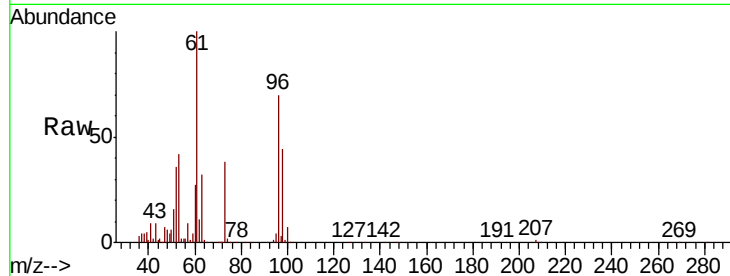
Tot Ion: 96 Resp: 145318

Ion Ratio Lower Upper

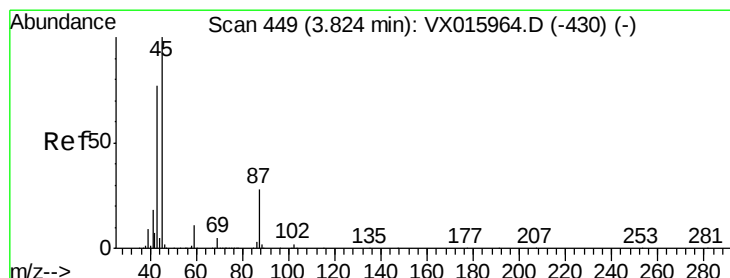
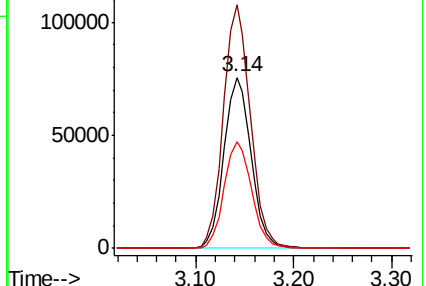
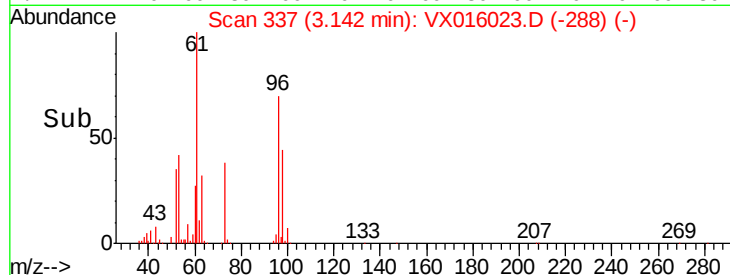
96 100

61 142.4 113.6 170.4

98 62.7 50.3 75.5



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: 54.273 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

Tgt Ion: 45 Resp: 492999

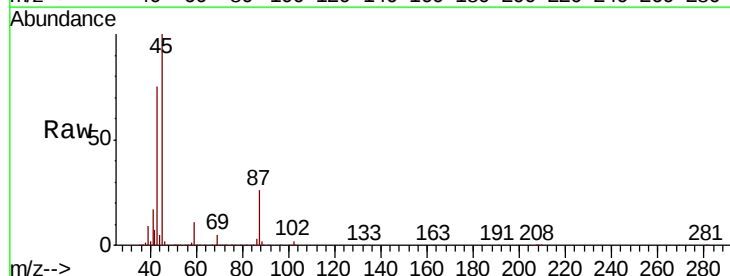
Ion Ratio Lower Upper

45 100

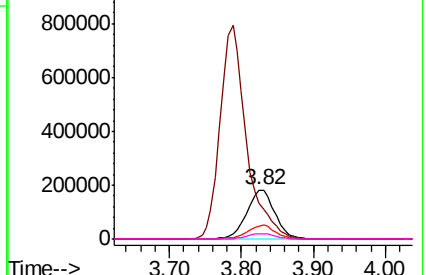
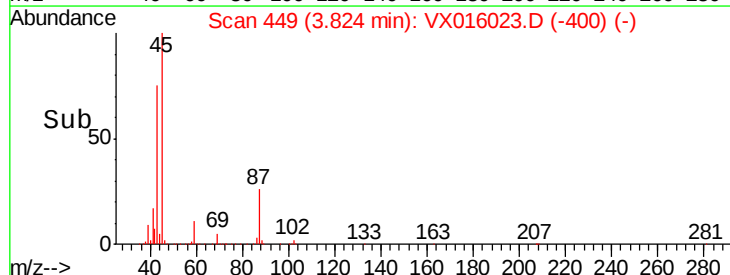
43 74.6 61.3 91.9

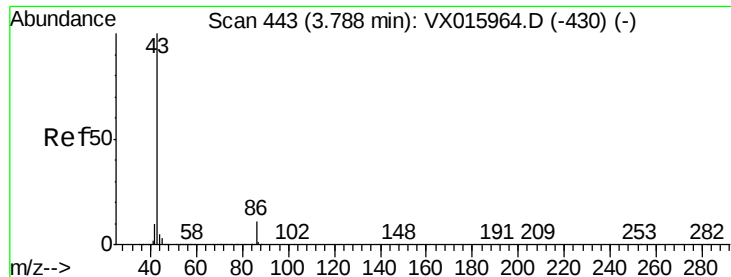
87 26.4 22.6 33.8

59 11.5 9.0 13.6



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: 256.428 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

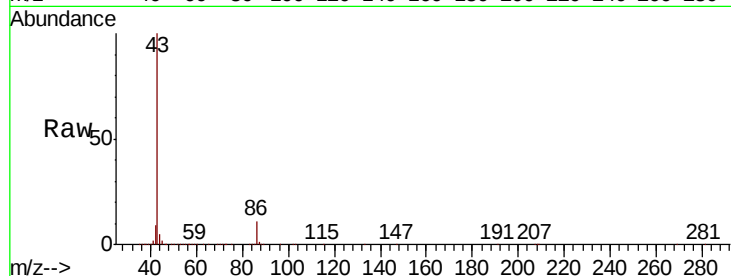
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 2023413

Ion Ratio Lower Upper

43 100

86 11.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

800000

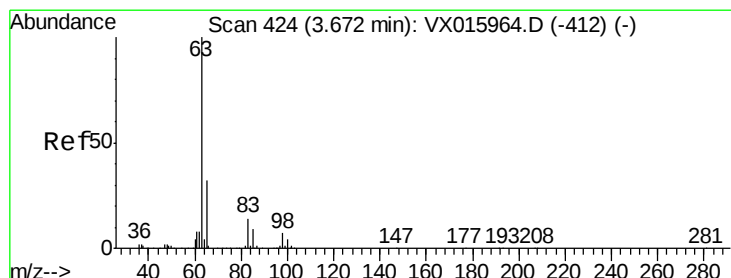
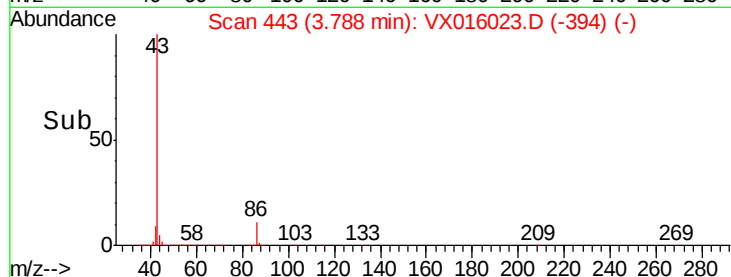
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 58.879 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

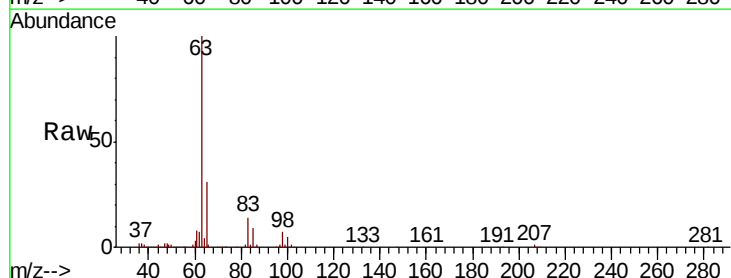
Tgt Ion: 63 Resp: 297940

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.8 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

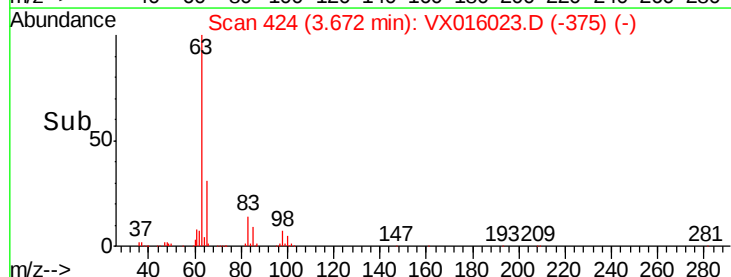
150000

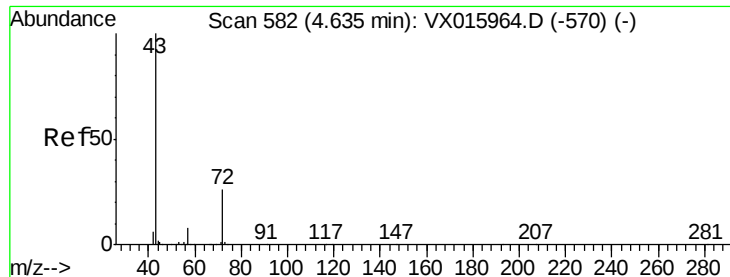
100000

50000

0

Time-->





#25

2-Butanone

Concen: 275.190 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

Instrument :

MSVOA_X

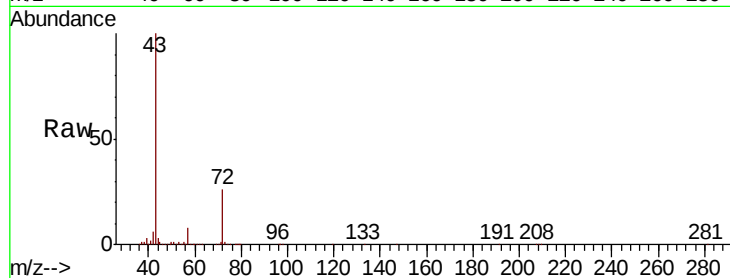
ClientSampled :

Tot Ion: 43 Resp: 667717

Ion Ratio Lower Upper

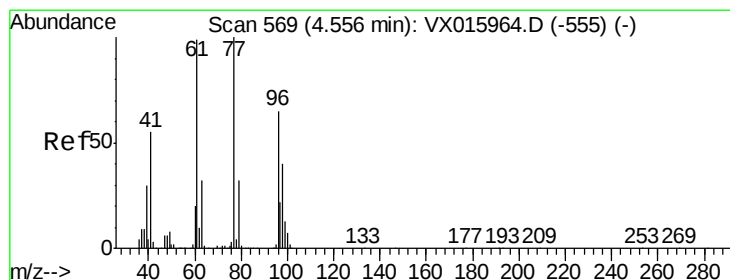
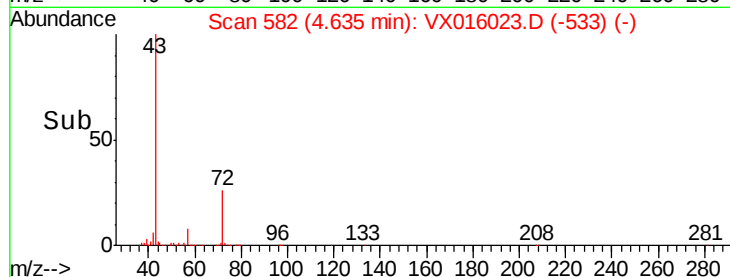
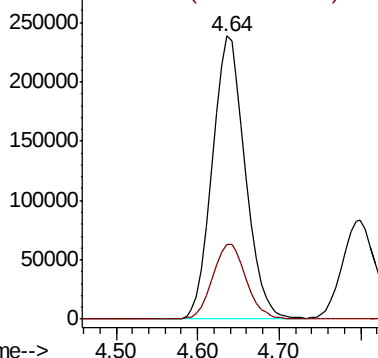
43 100

72 26.4 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.415 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX016023.D

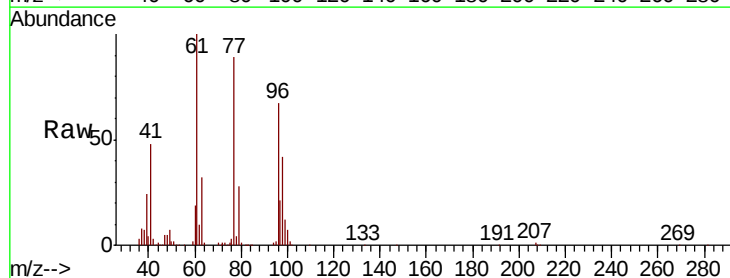
Acq: 01 May 2020 19:41

Tgt Ion: 77 Resp: 219374

Ion Ratio Lower Upper

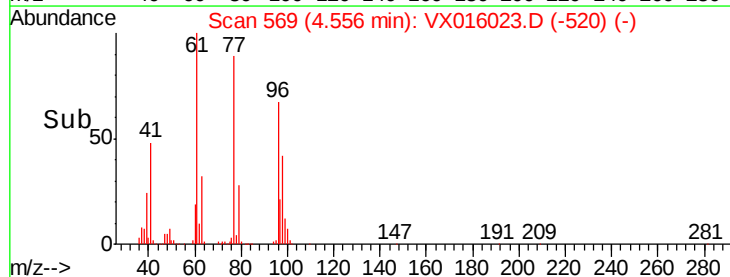
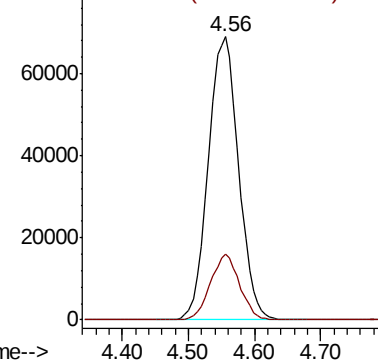
77 100

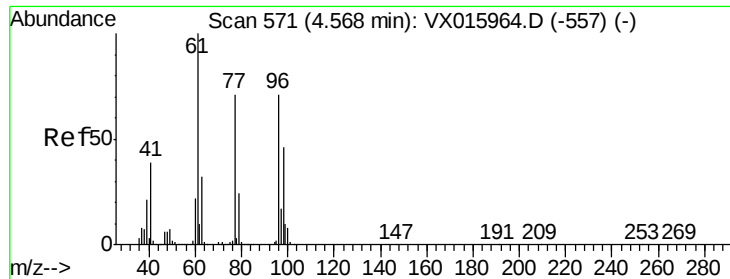
97 22.3 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



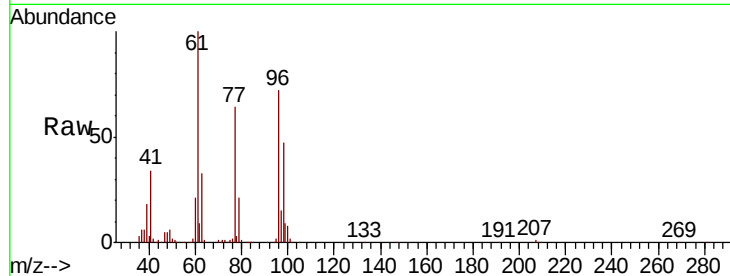


#27

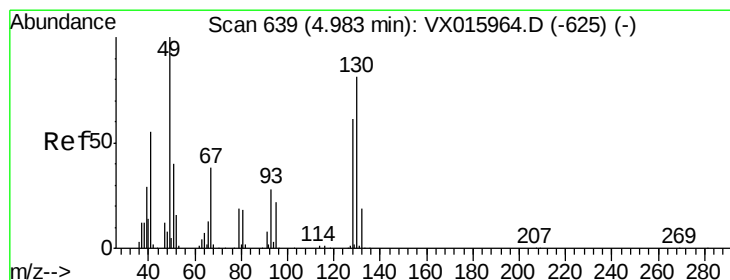
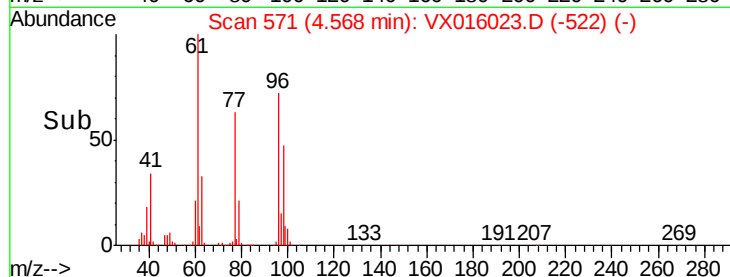
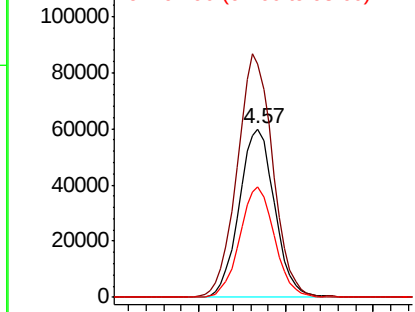
cis-1,2-Dichloroethene
Concen: 51.483 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 168710
Ion Ratio Lower Upper
96 100
61 145.6 0.0 294.2
98 64.1 0.0 127.4



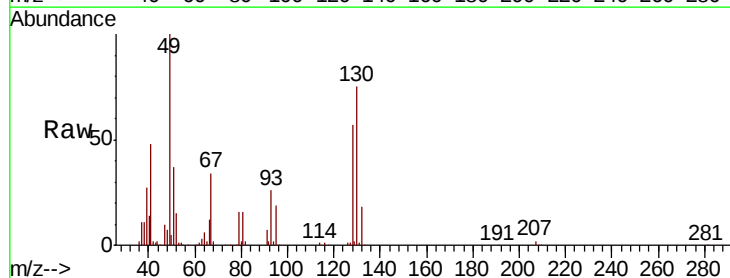
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



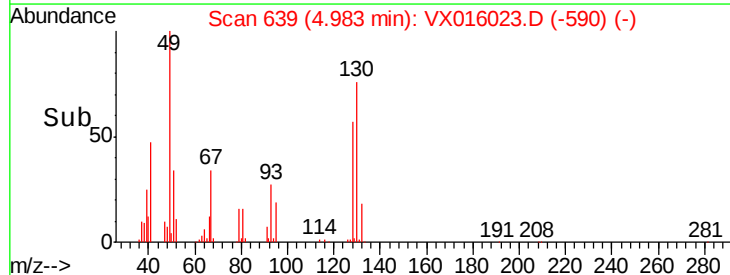
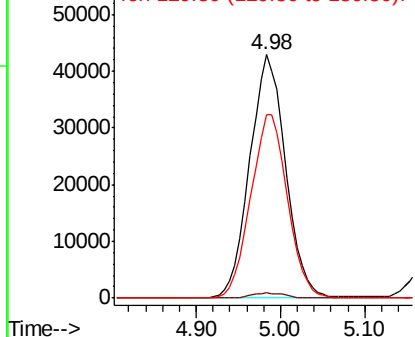
#28

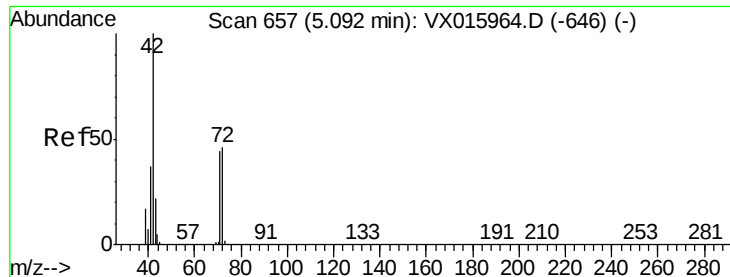
Bromochloromethane
Concen: 51.085 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

Tgt Ion: 49 Resp: 125091
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 77.1 63.9 95.9



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

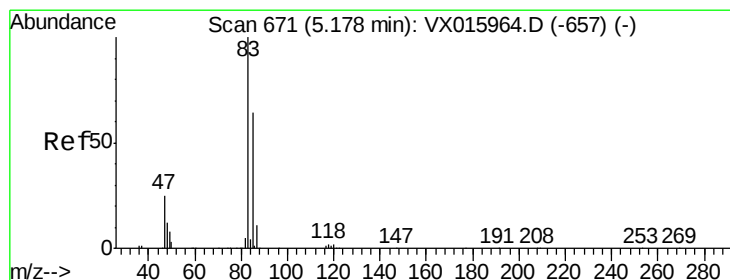
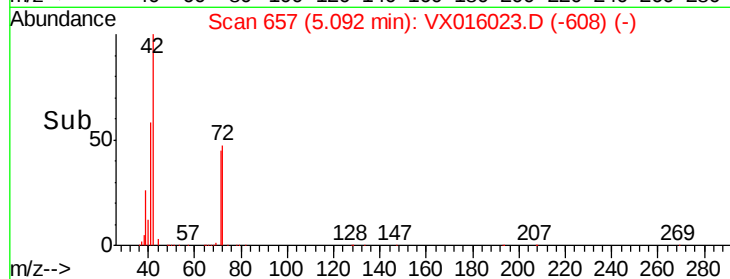
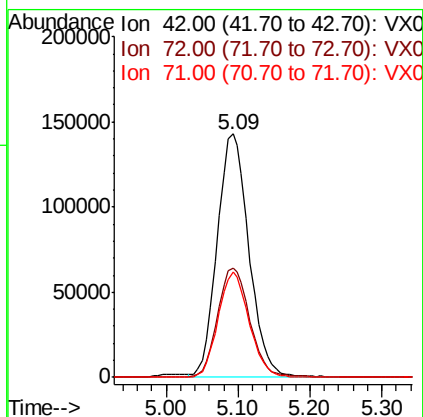
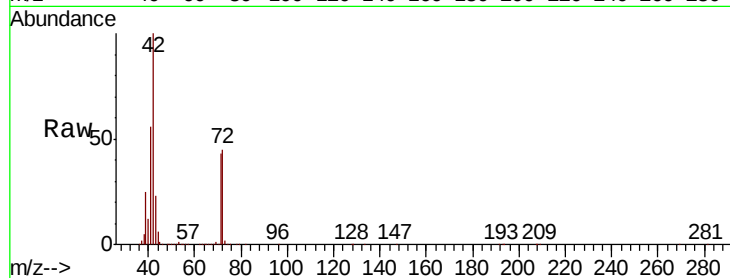




#29
Tetrahydrofuran
Concen: 274.252 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

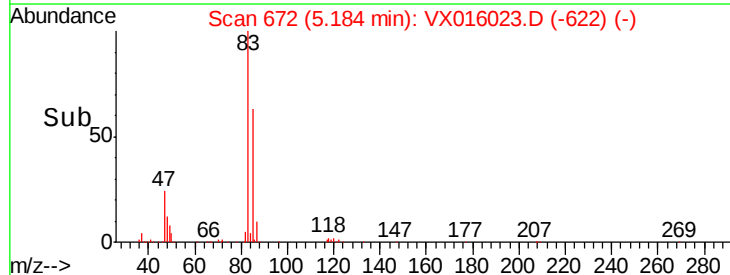
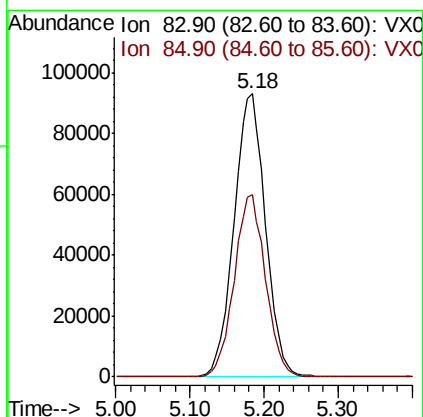
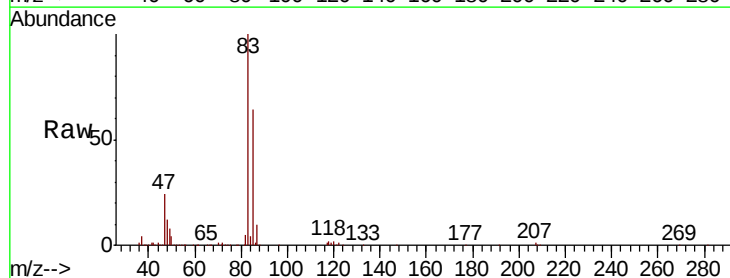
Instrument :
MSVOA_X
ClientSampleId :

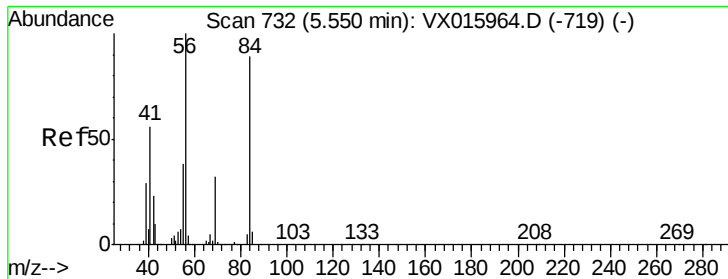
Tot Ion: 42 Resp: 436101
Ion Ratio Lower Upper
42 100
72 46.0 37.4 56.0
71 42.2 34.6 52.0



#30
Chloroform
Concen: 52.316 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

Tgt Ion: 83 Resp: 275277
Ion Ratio Lower Upper
83 100
85 64.2 51.0 76.4





#31

Cyclohexane

Concen: 53.054 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

Instrument :

MSVOA_X

ClientSampled :

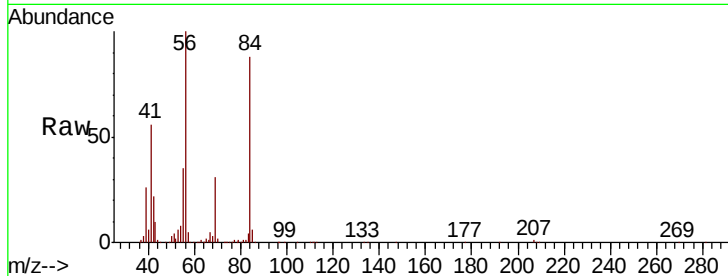
Tot Ion: 56 Resp: 239001

Ion Ratio Lower Upper

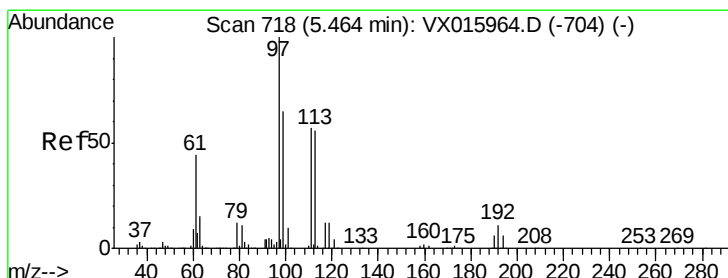
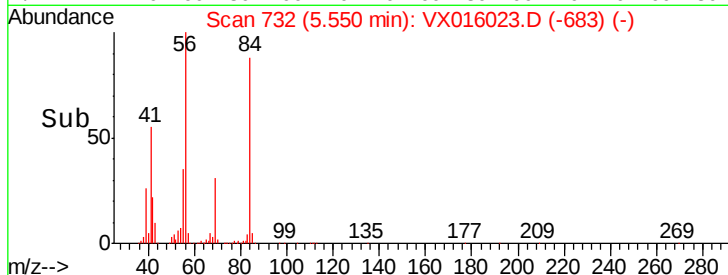
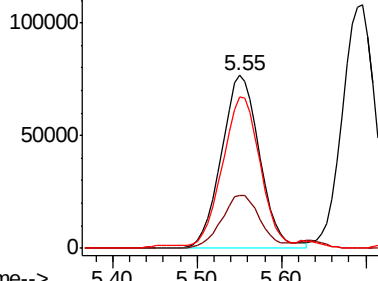
56 100

69 30.6 25.4 38.2

84 85.9 71.0 106.6



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.500 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

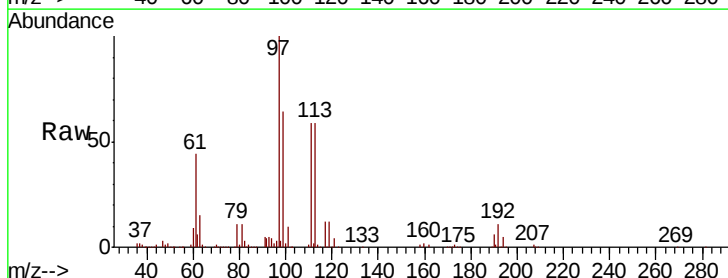
Tgt Ion: 97 Resp: 249504

Ion Ratio Lower Upper

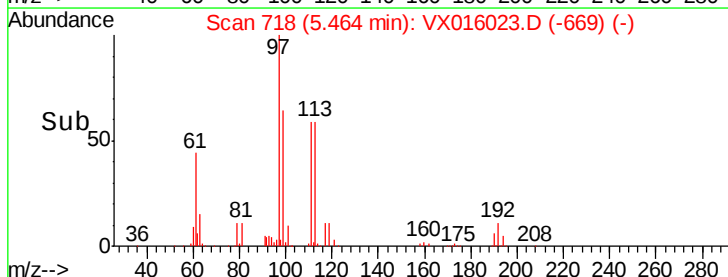
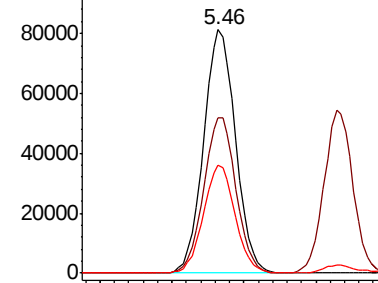
97 100

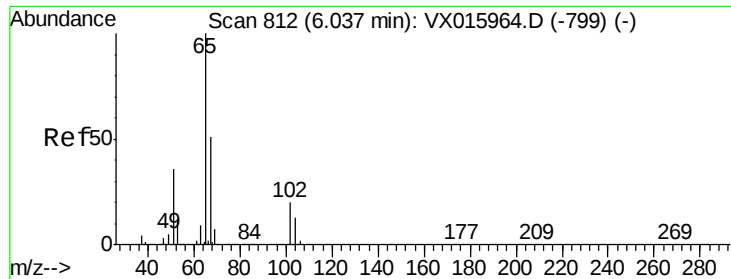
99 64.5 51.4 77.0

61 44.3 35.7 53.5



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.436 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

Instrument :

MSVOA_X

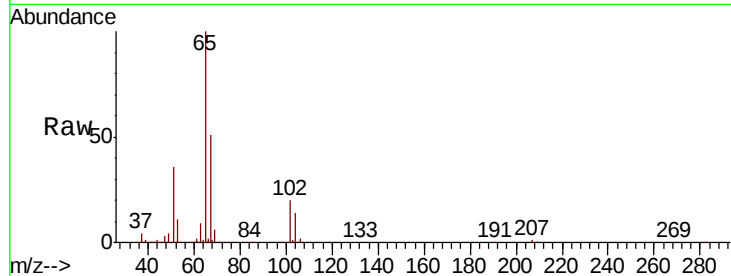
ClientSampleId :

Tot Ion: 65 Resp: 180105

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

80000

60000

40000

20000

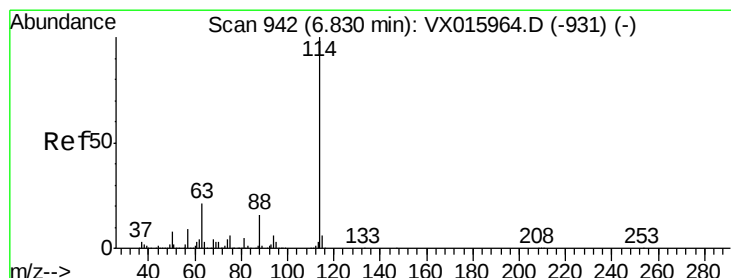
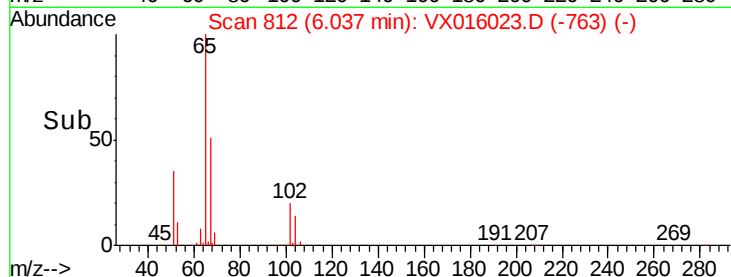
0

Time-->

5.90

6.00

6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

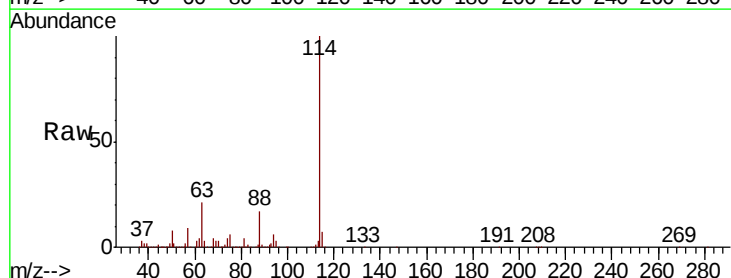
Tgt Ion: 114 Resp: 441085

Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.2

88 16.7 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

100000

50000

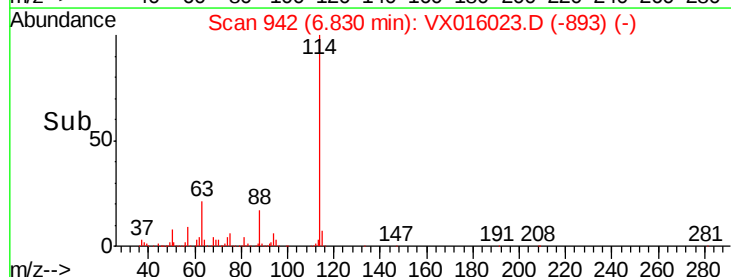
0

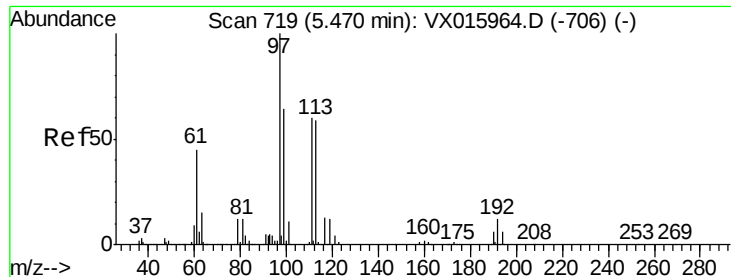
Time-->

6.70

6.80

6.90

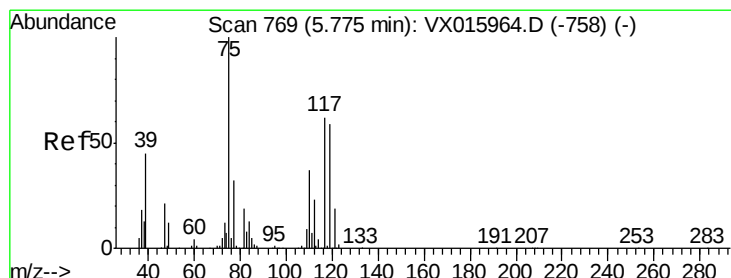
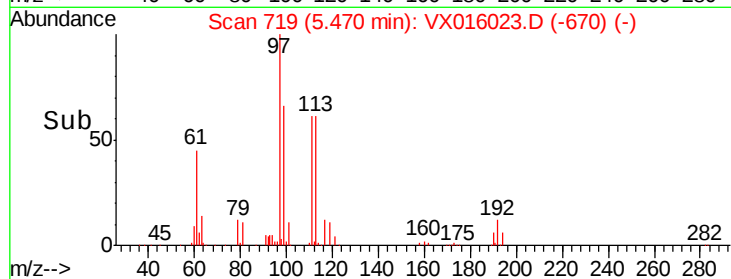
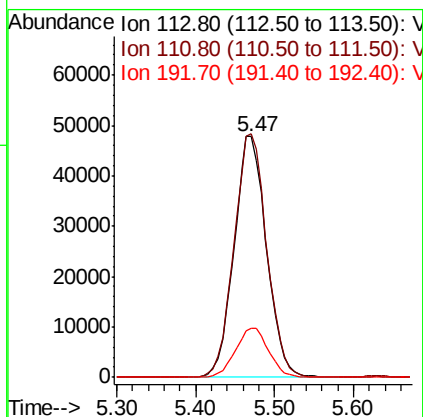
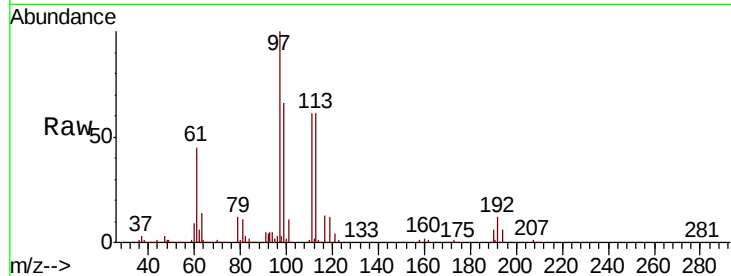




#35
 Dibromofluoromethane
 Concen: 49.674 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX016023.D
 Acq: 01 May 2020 19:41

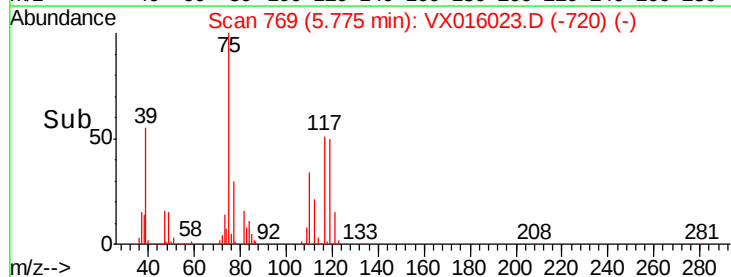
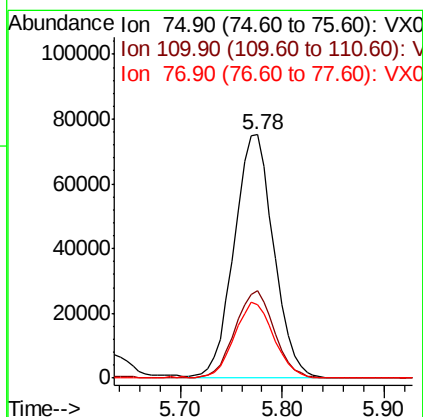
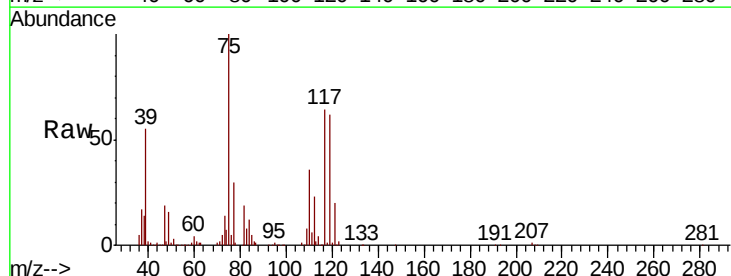
Instrument :
 MSVOA_X
 ClientSampleId :

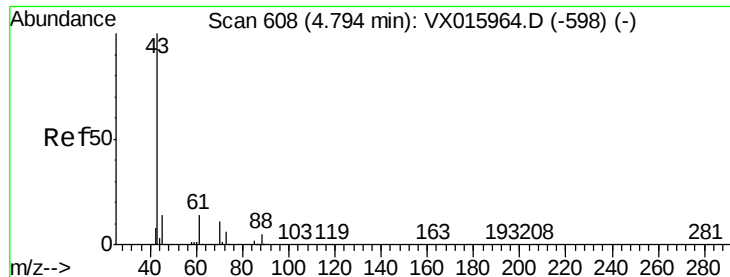
Tot Ion:113 Resp: 136678
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.8 122.8
 192 20.8 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 47.944 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: VX016023.D
 Acq: 01 May 2020 19:41

Tgt Ion: 75 Resp: 201415
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.9 53.7
 77 31.2 25.2 37.8

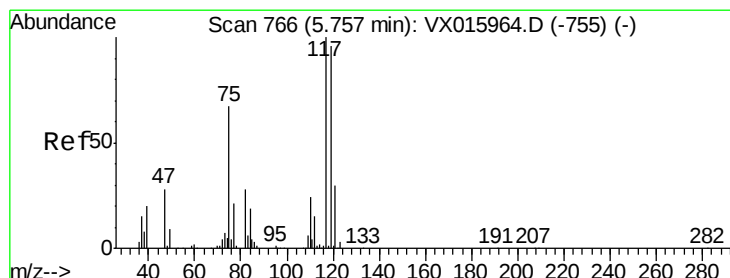
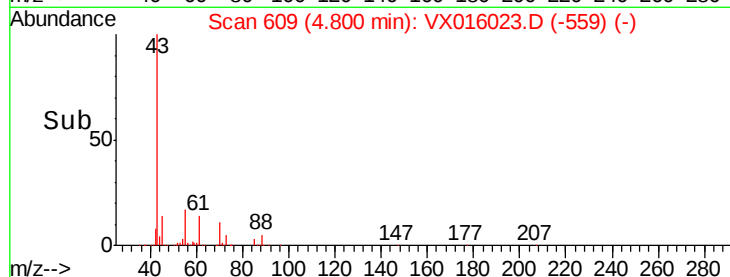
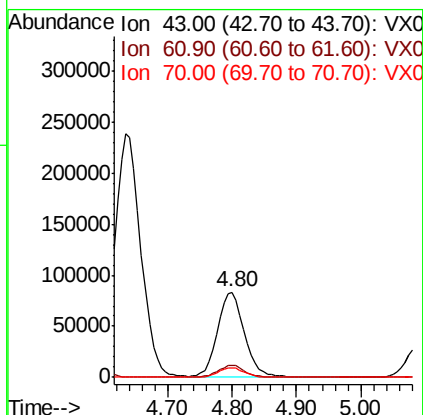
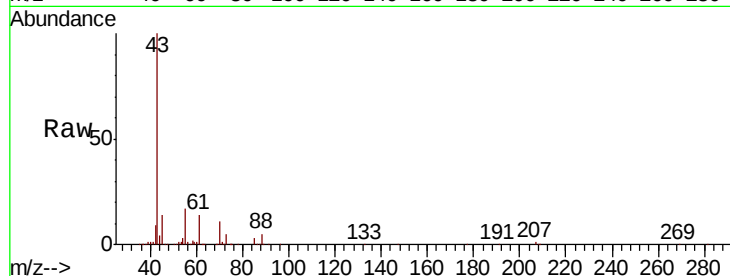




#37
Ethyl Acetate
Concen: 50.639 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

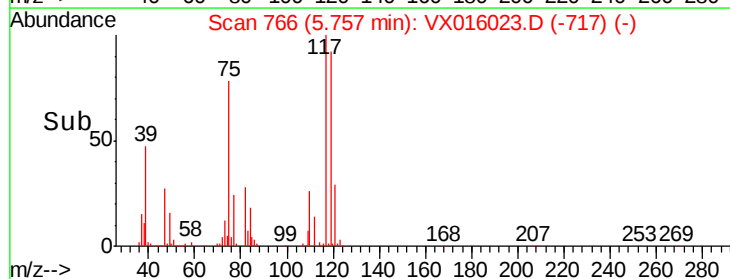
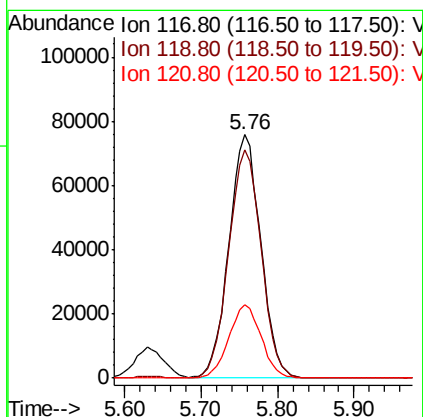
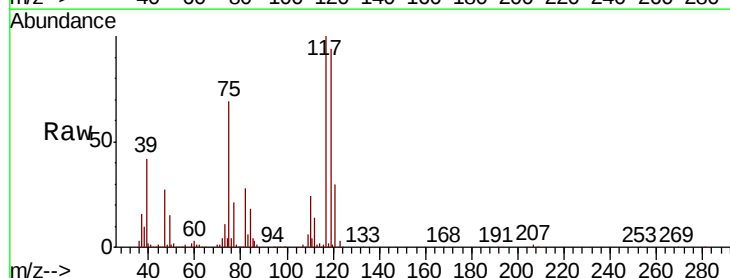
Instrument :
MSVOA_X
ClientSampleId :

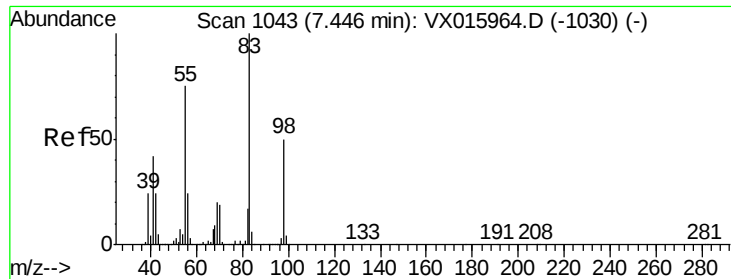
Tot Ion: 43 Resp: 243940
Ion Ratio Lower Upper
43 100
61 14.3 11.6 17.4
70 11.2 8.9 13.3



#38
Carbon Tetrachloride
Concen: 49.115 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

Tgt Ion: 117 Resp: 217938
Ion Ratio Lower Upper
117 100
119 93.5 76.2 114.4
121 30.1 24.2 36.4

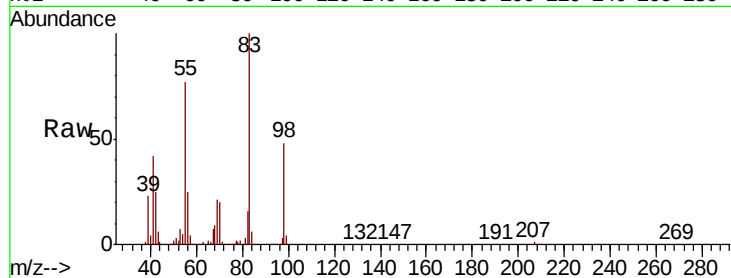




#39
Methylvlcyclohexane
Concen: 49.059 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	83	Resp	238396
Ion Ratio	Lower	Upper	
83	100		
55	77.2	59.9	89.9
98	48.1	39.9	59.9

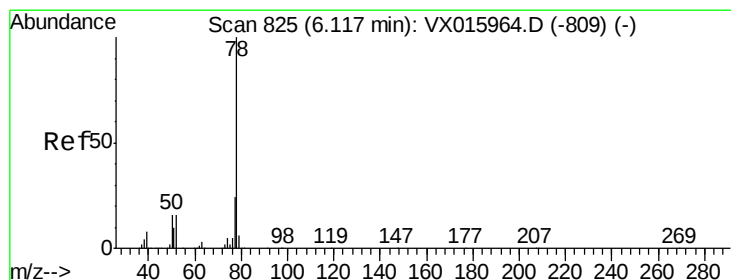
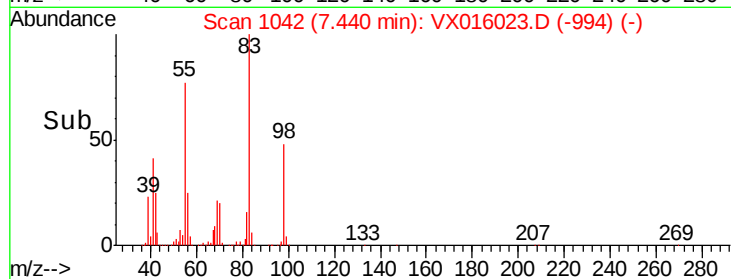
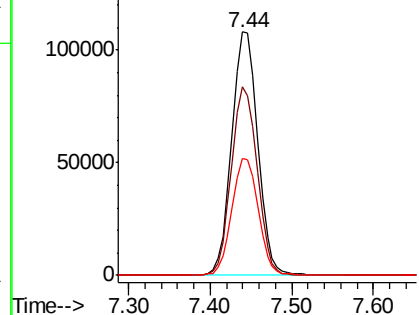


Abundance

Ion 83.00 (82.70 to 83.70): VX0

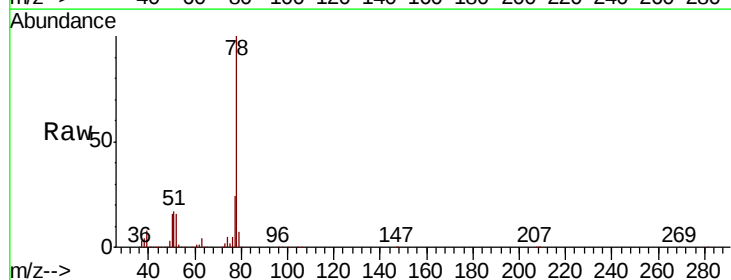
Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40
Benzene
Concen: 50.963 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

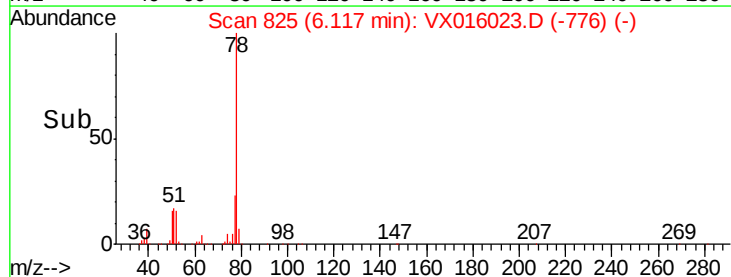
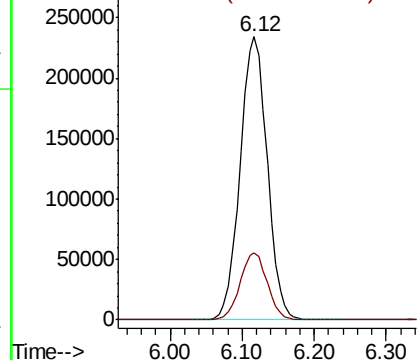
Tgt Ion	78	Resp	610882
Ion Ratio	Lower	Upper	
78	100		
77	23.7	18.8	28.2

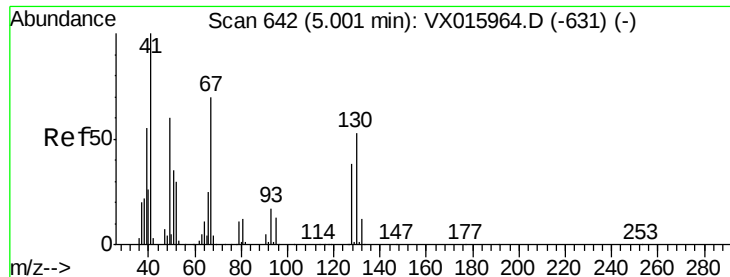


Abundance

Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

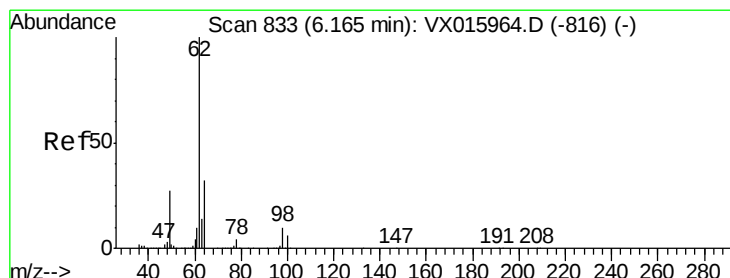
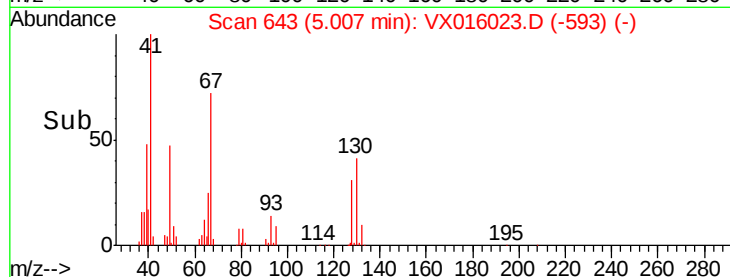
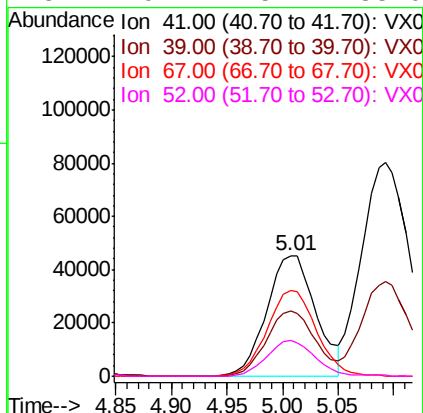
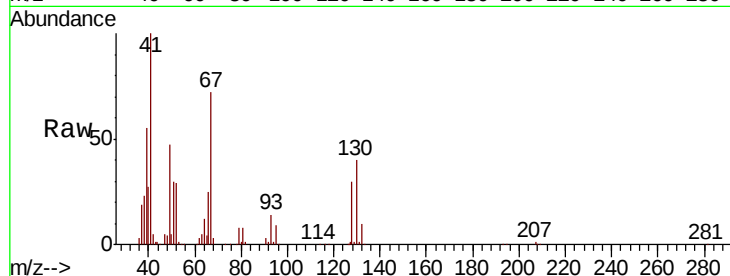




#41
Methacrylonitrile
Concen: 53.685 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

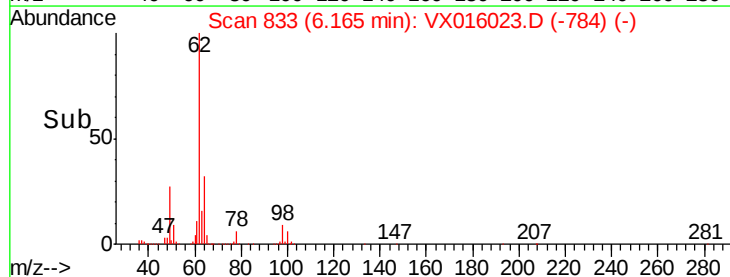
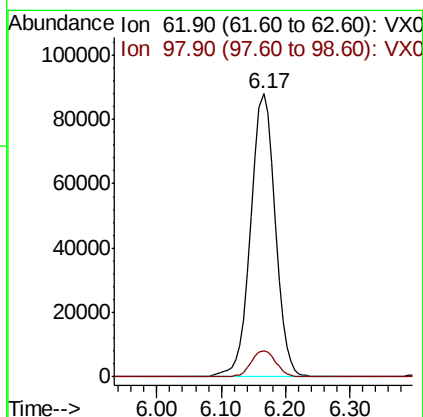
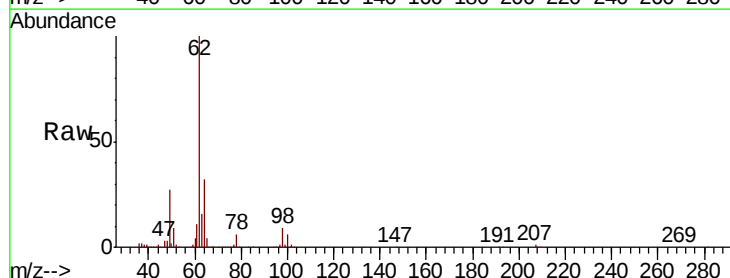
Instrument :
MSVOA_X
ClientSampled :

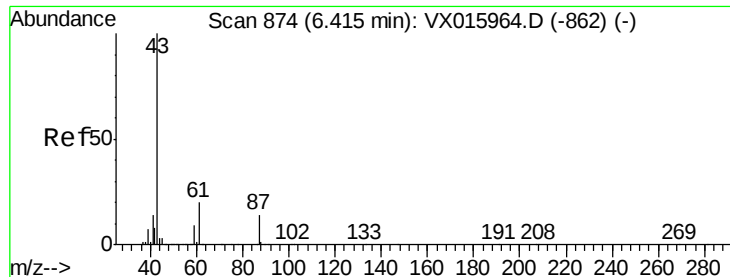
Tot Ion:	41	Resp:	138430
Ion	Ratio	Lower	Upper
41	100		
39	54.3	45.2	67.8
67	72.0	59.4	89.2
52	29.2	25.4	38.0



#42
1,2-Dichloroethane
Concen: 49.392 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

Tgt Ion:	62	Resp:	229400
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.4



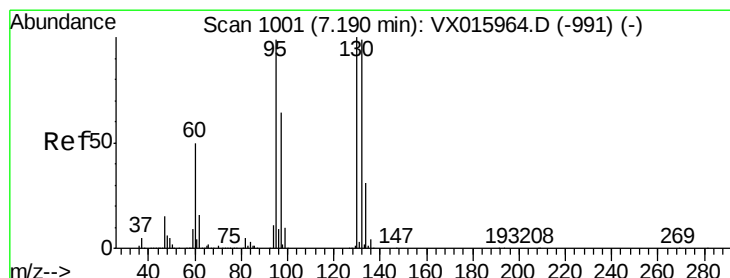
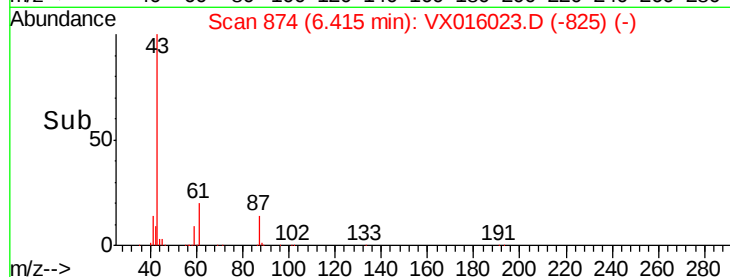
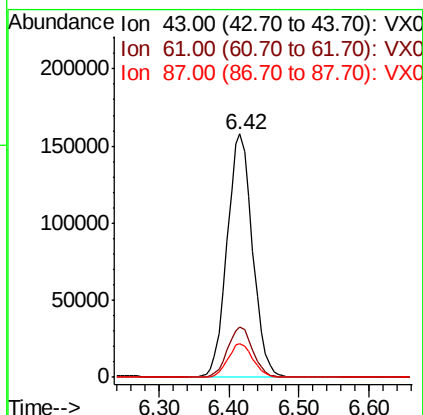
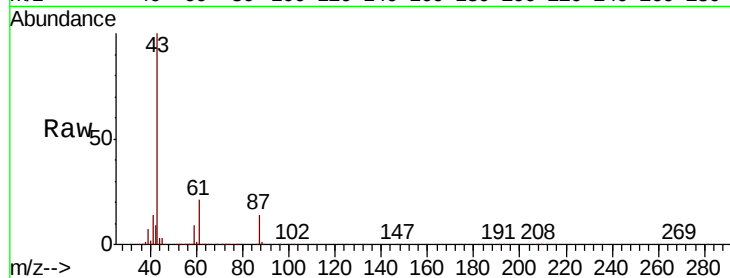


#43

Isopropyl Acetate
 Concen: 49.545 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX016023.D
 Acq: 01 May 2020 19:41

Instrument :
 MSVOA_X
 ClientSampleId :

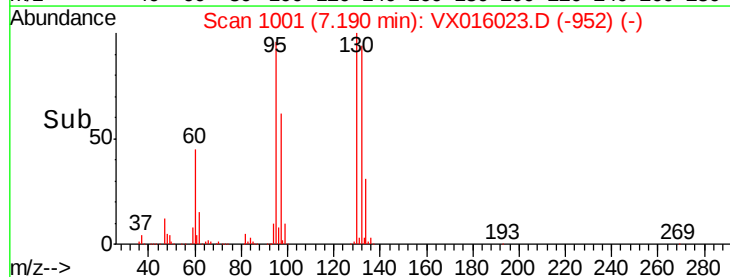
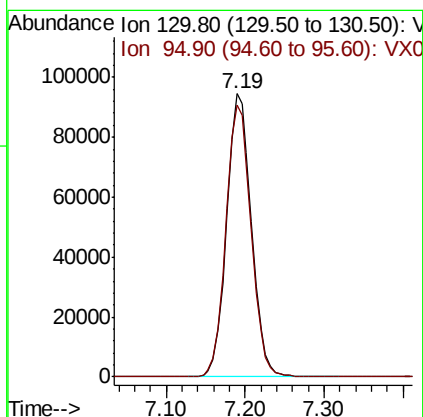
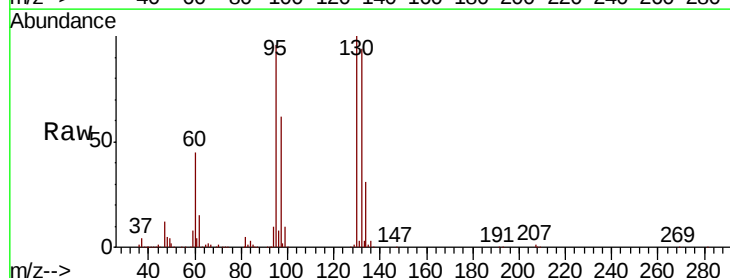
Tot Ion	43	Resp	395229
Ion Ratio	Lower	Upper	
43	100		
61	20.6	16.1	24.1
87	13.6	10.9	16.3

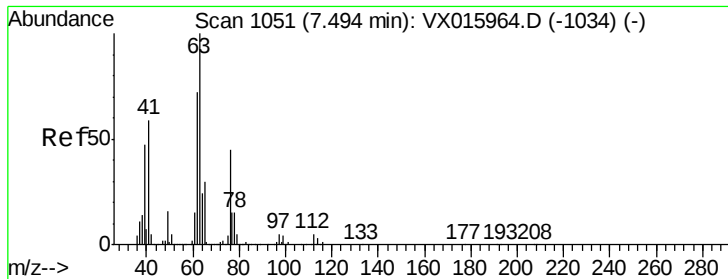


#44

Trichloroethene
 Concen: 47.659 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016023.D
 Acq: 01 May 2020 19:41

Tgt Ion	130	Resp	205912
Ion Ratio	Lower	Upper	
130	100		
95	96.2	0.0	197.4





#45

1,2-Dichloropropane

Concen: 51.498 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

Instrument :

MSVOA_X

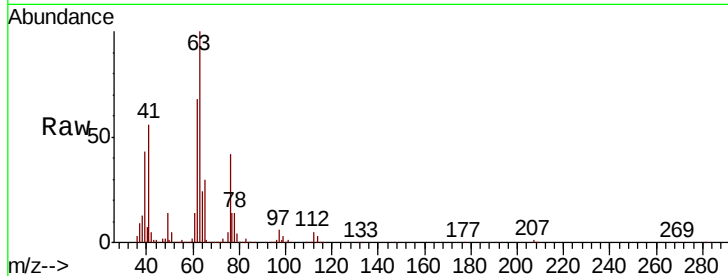
ClientSampleId :

Tot Ion: 63 Resp: 159535

Ion Ratio Lower Upper

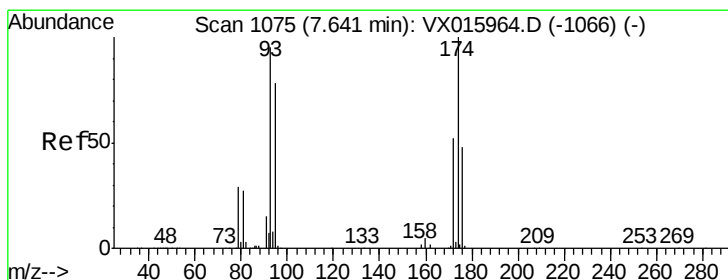
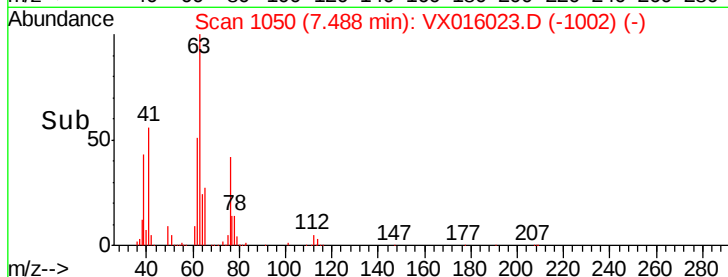
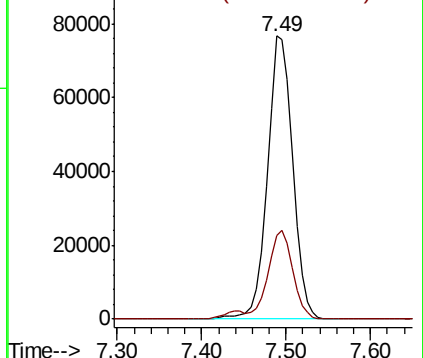
63 100

65 29.6 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.926 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

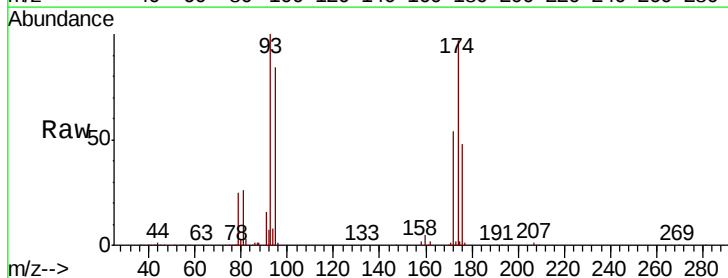
Tgt Ion: 93 Resp: 107700

Ion Ratio Lower Upper

93 100

95 84.5 65.5 98.3

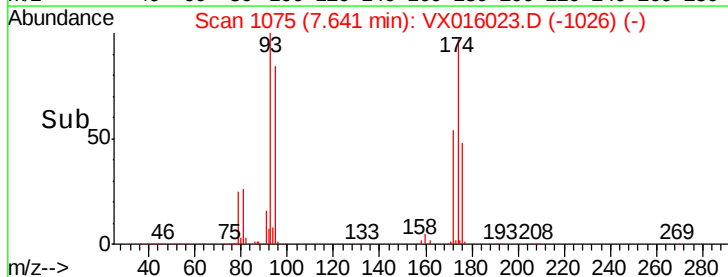
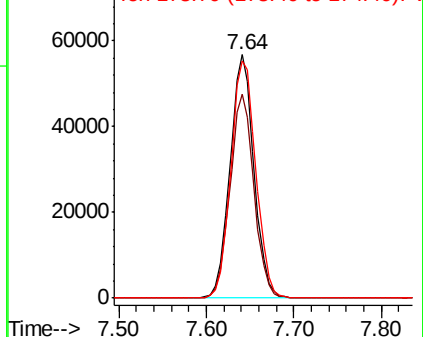
174 101.9 82.7 124.1

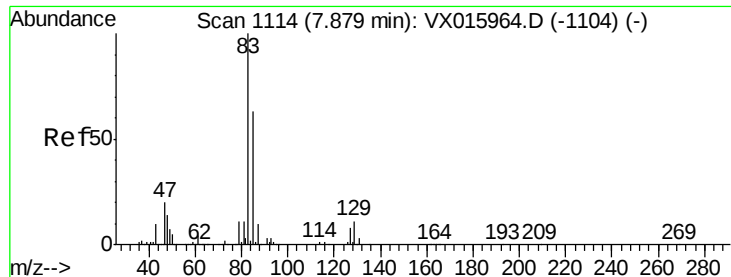


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

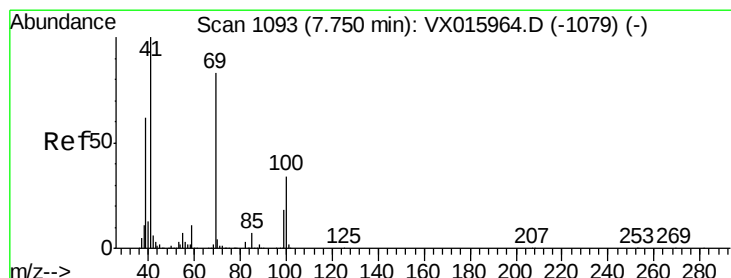
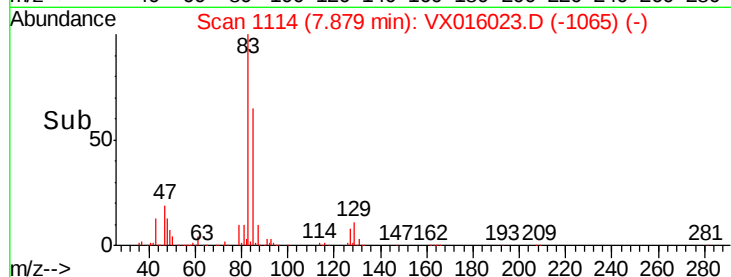
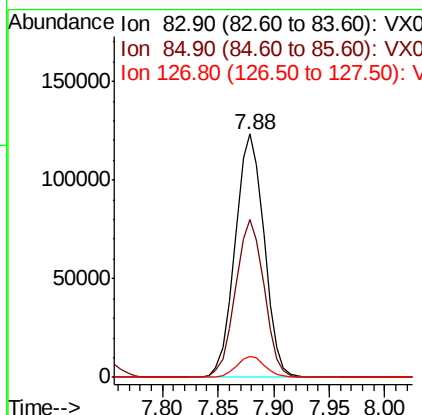
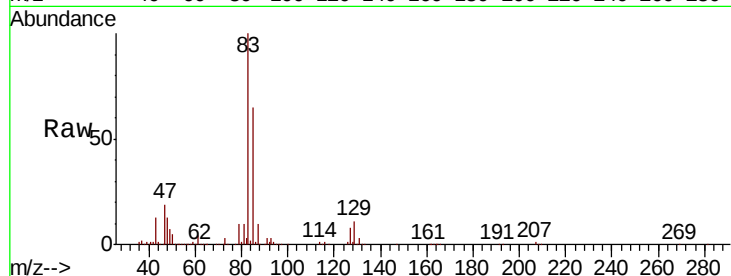




#47
Bromodichloromethane
Concen: 50.833 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

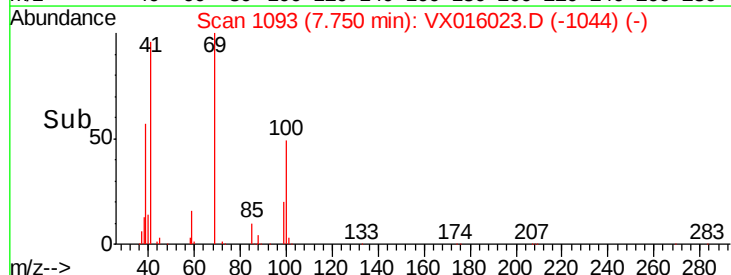
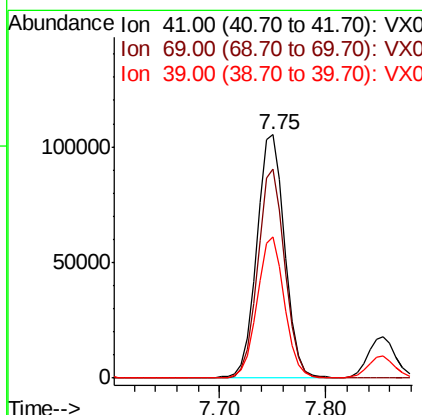
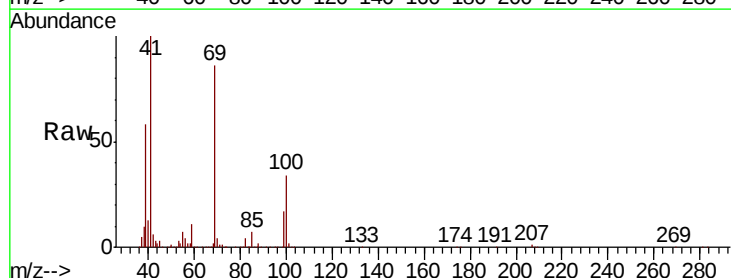
Instrument :
MSVOA_X
ClientSampleId :

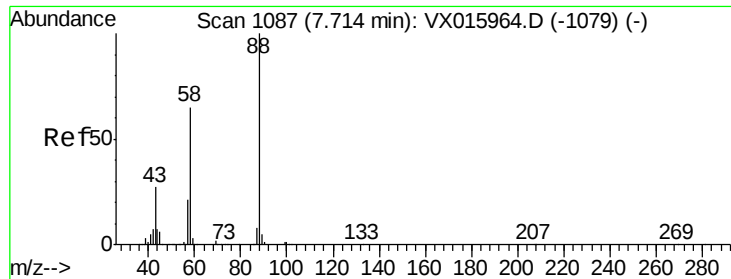
Tot Ion	83	Resp	222359
Ion Ratio	Lower	Upper	
83	100		
85	64.7	50.6	75.8
127	8.4	6.7	10.1



#48
Methyl methacrylate
Concen: 52.494 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

Tgt Ion	41	Resp	193338
Ion Ratio	Lower	Upper	
41	100		
69	83.7	66.0	99.0
39	56.8	49.0	73.4

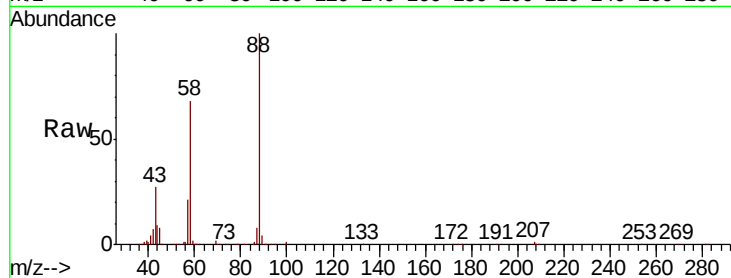




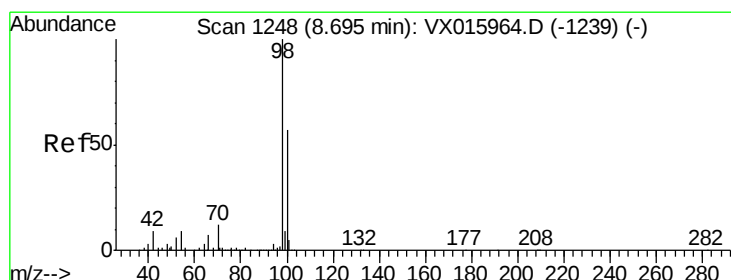
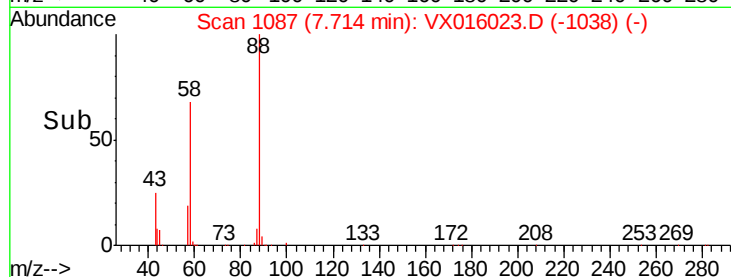
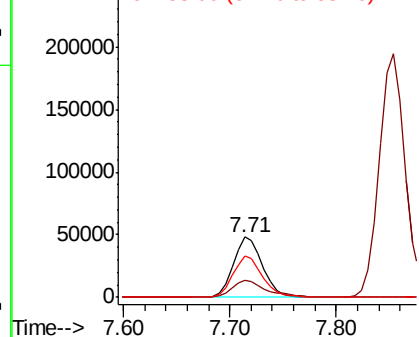
#49
1,4-Dioxane
Concen: 1052.887 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 91226
Ion Ratio Lower Upper
88 100
43 32.5 26.6 39.8
58 70.7 54.8 82.2

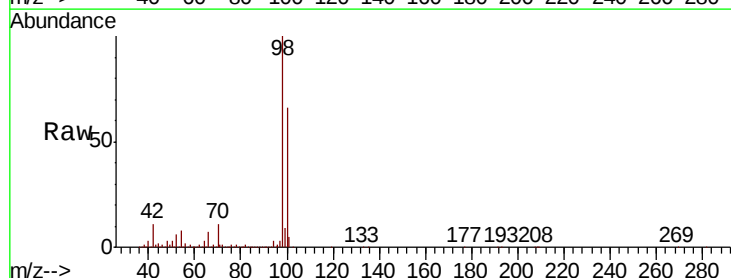


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

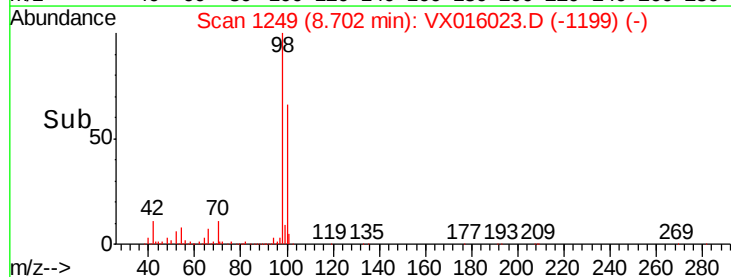
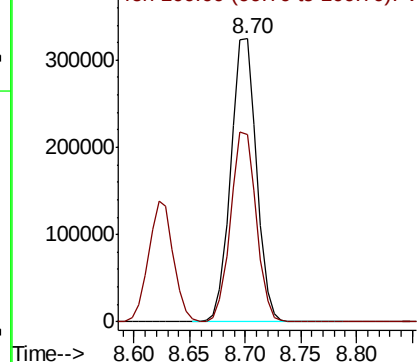


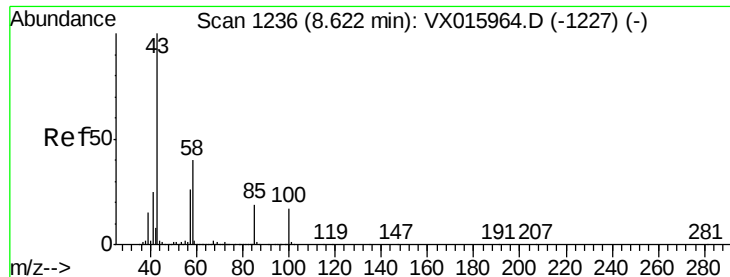
#50
Toluene-d8
Concen: 50.350 ug/l
RT: 8.70 min Scan# 1249
Delta R.T. 0.01 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

Tgt Ion: 98 Resp: 517977
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



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

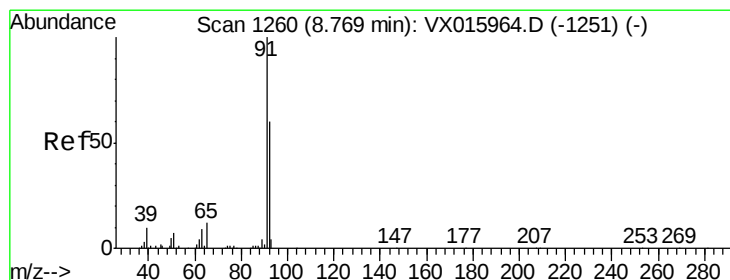
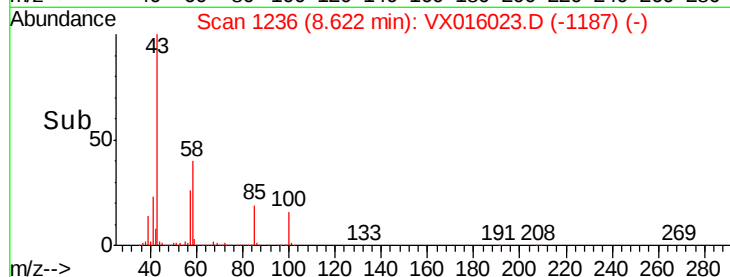
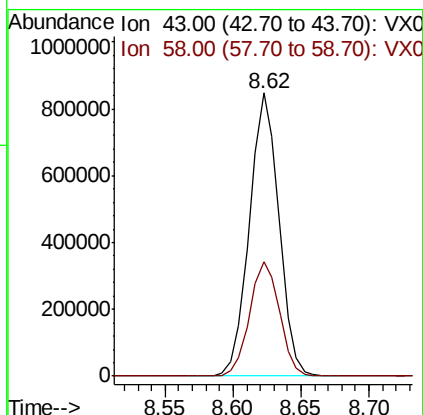
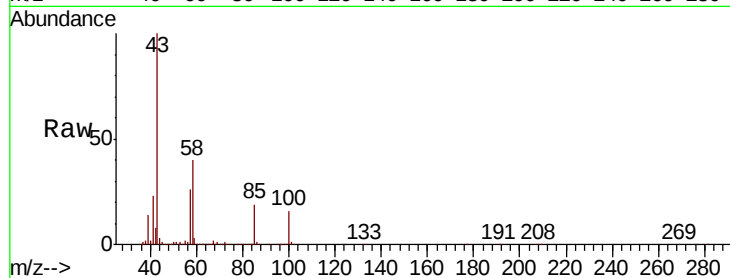




#51
4-Methyl-2-Pentanone
Concen: 264.124 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

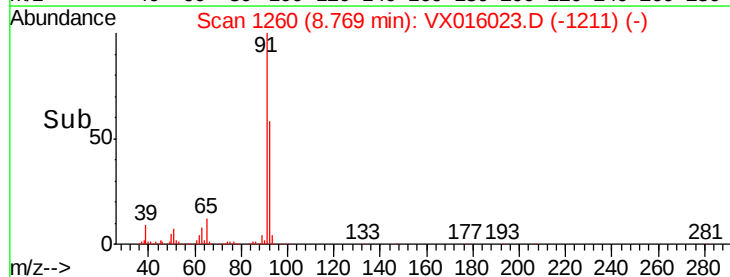
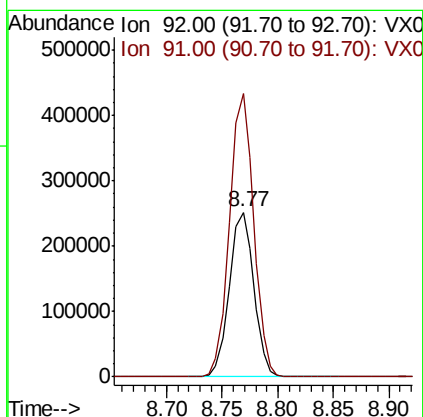
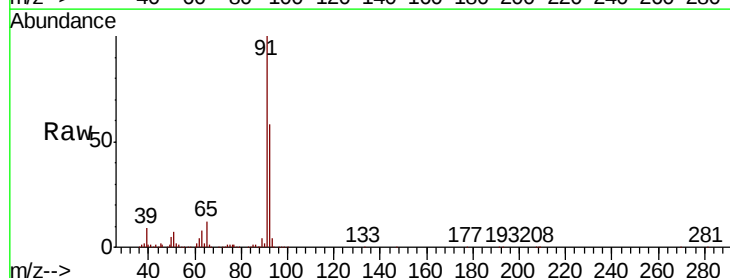
Instrument :
MSVOA_X
ClientSampleId :

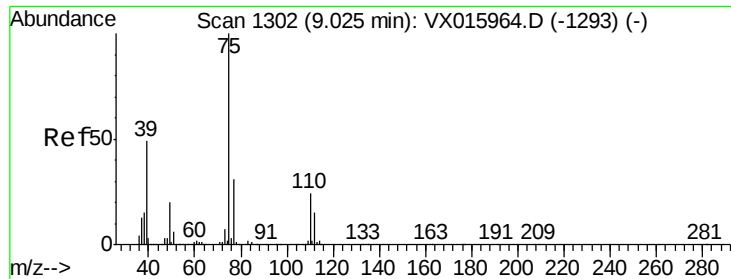
Tot Ion: 43 Resp: 1278000
Ion Ratio Lower Upper
43 100
58 41.0 32.0 48.0



#52
Toluene
Concen: 50.554 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

Tgt Ion: 92 Resp: 384657
Ion Ratio Lower Upper
92 100
91 169.8 134.6 202.0

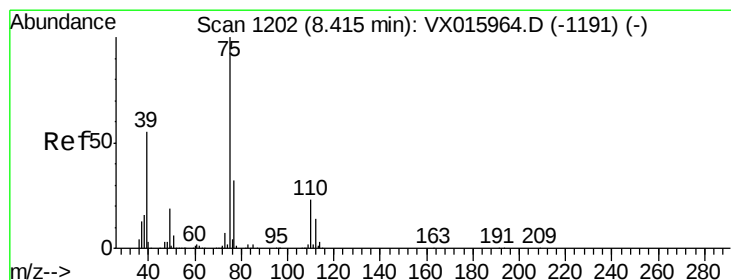
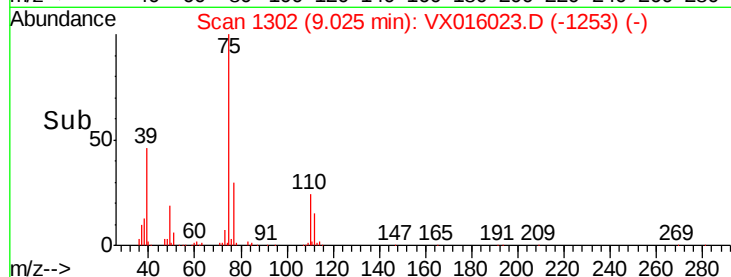
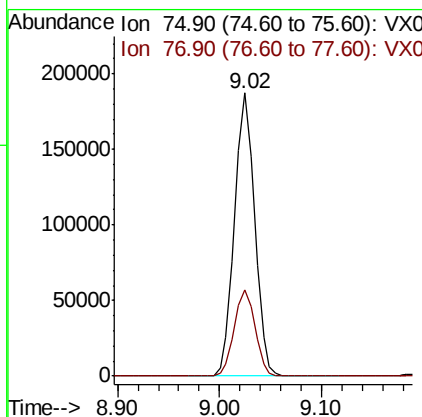
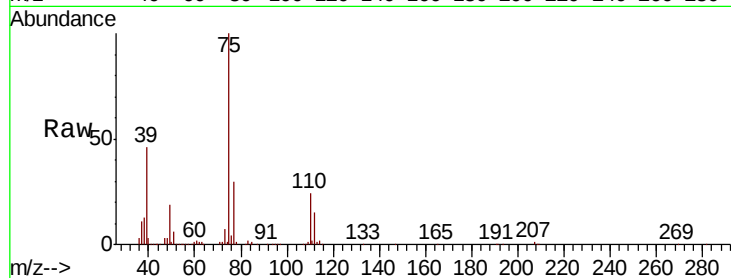




#53
t-1,3-Dichloropropene
Concen: 49.287 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

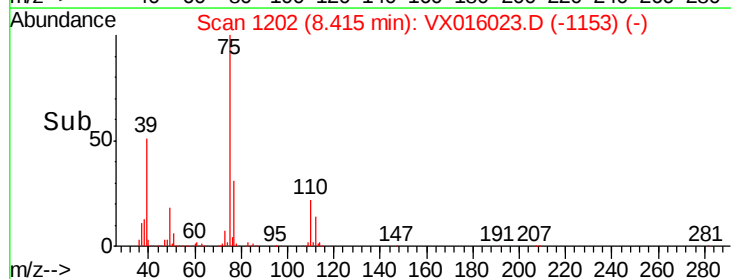
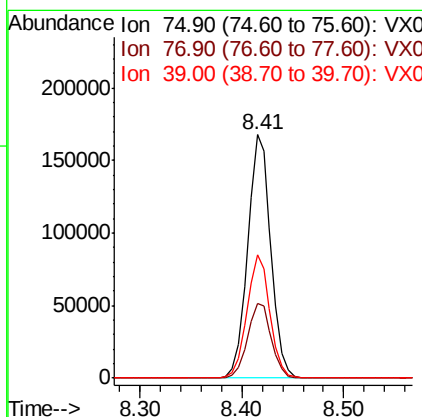
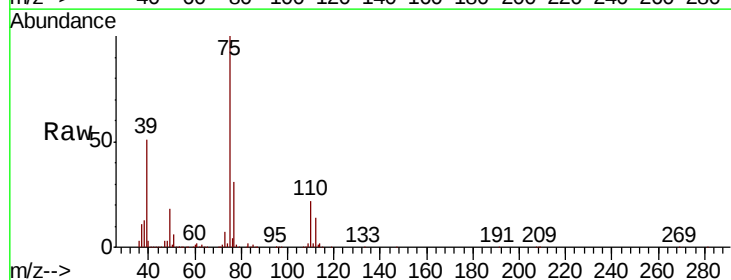
Instrument :
MSVOA_X
ClientSampleId :

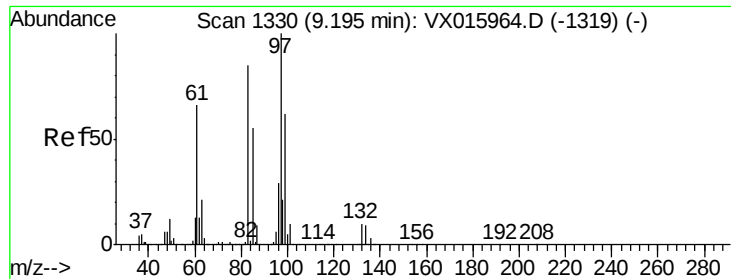
Tot Ion: 75 Resp: 255818
Ion Ratio Lower Upper
75 100
77 30.4 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 49.491 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

Tgt Ion: 75 Resp: 264193
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0
39 50.6 44.1 66.1

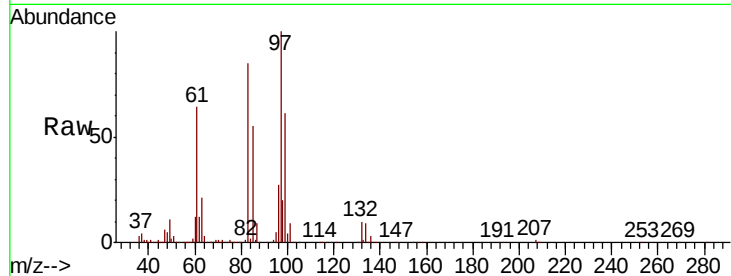




#55
 1,1,2-Trichloroethane
 Concen: 51.576 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016023.D
 Acq: 01 May 2020 19:41

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	156828
Ion	Ratio	Lower	Upper
97	100		
83	84.7	68.2	102.2
85	55.1	43.7	65.5
99	60.6	49.7	74.5



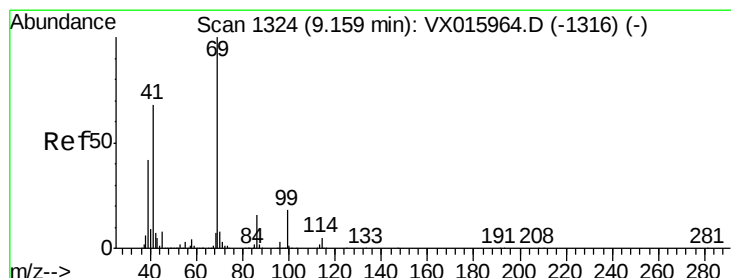
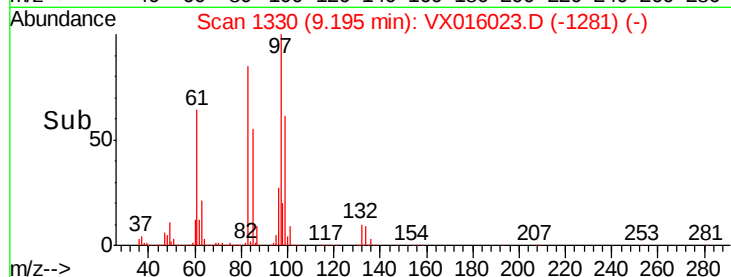
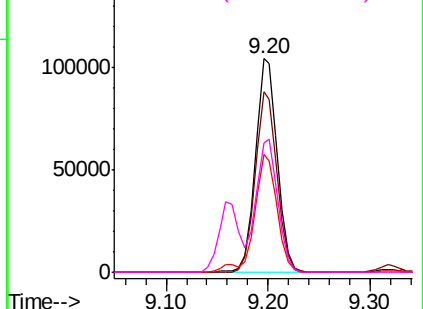
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

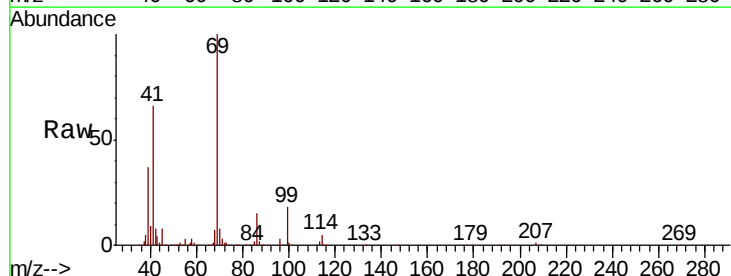
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 52.456 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016023.D
 Acq: 01 May 2020 19:41

Tgt Ion:	69	Resp:	259359
Ion	Ratio	Lower	Upper
69	100		
41	65.9	53.5	80.3
39	37.3	33.4	50.0

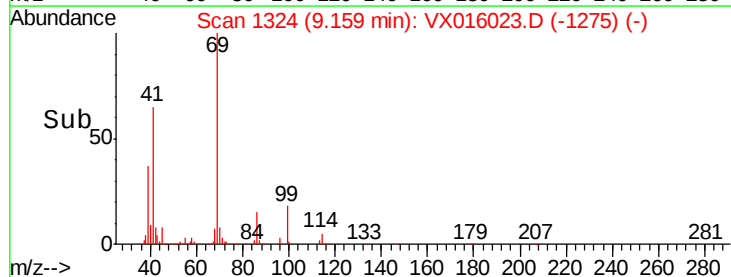
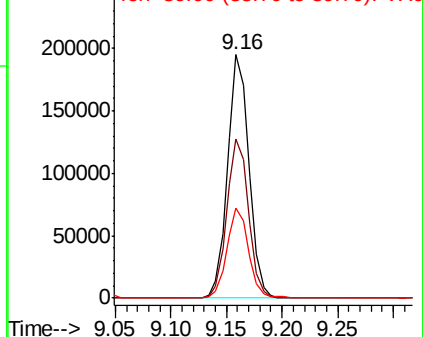


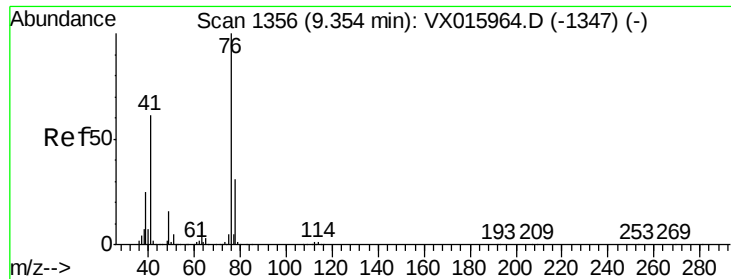
Abundance

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: 51.481 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

Instrument :

MSVOA_X

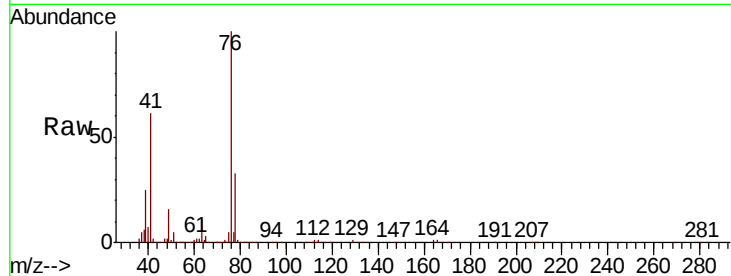
ClientSampleId :

Tot Ion: 76 Resp: 268961

Ion Ratio Lower Upper

76 100

78 32.8 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

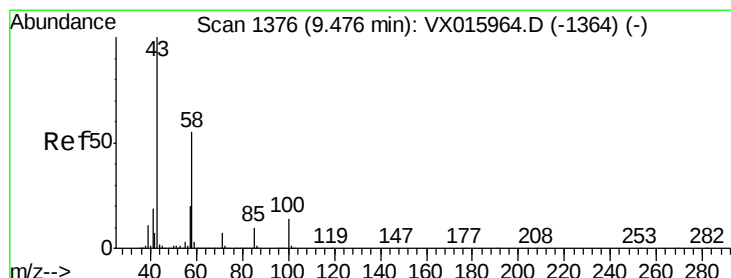
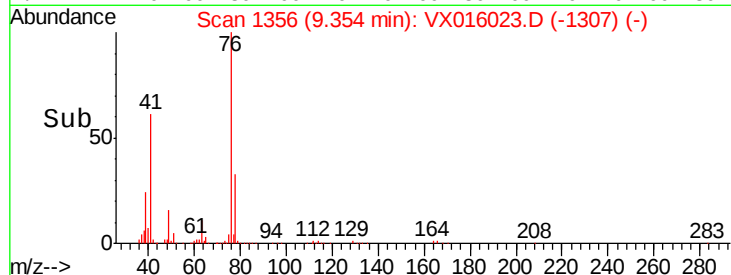
150000

100000

50000

0

Time--> 9.25 9.30 9.35 9.40 9.45



#59

2-Hexanone

Concen: 265.296 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.00 min

Lab File: VX016023.D

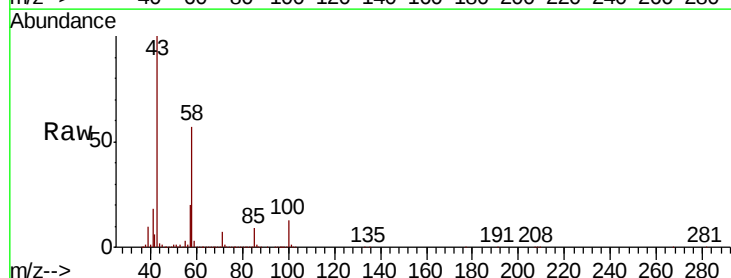
Acq: 01 May 2020 19:41

Tgt Ion: 43 Resp: 1003198

Ion Ratio Lower Upper

43 100

58 56.6 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

800000

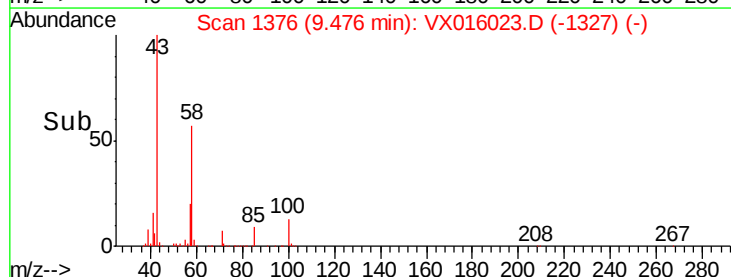
600000

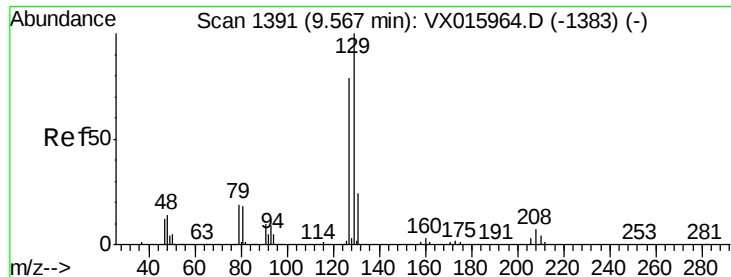
400000

200000

0

Time--> 9.30 9.40 9.45 9.50 9.60





#60

Dibromochloromethane

Concen: 51.453 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

Instrument :

MSVOA_X

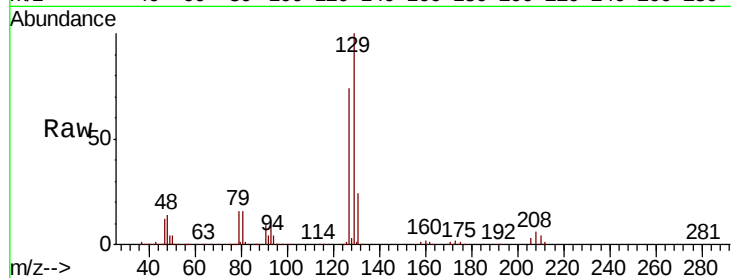
ClientSampleId :

Tot Ion:129 Resp: 175113

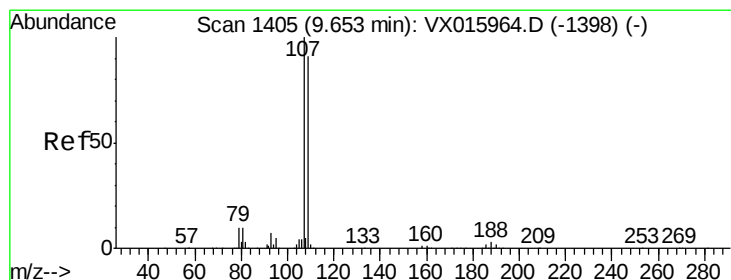
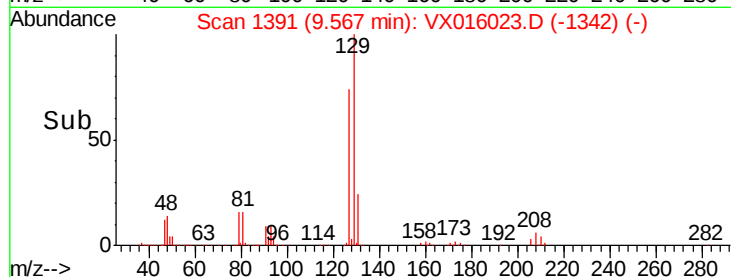
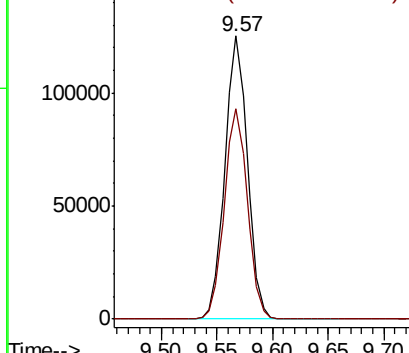
Ion Ratio Lower Upper

129 100

127 76.4 39.4 118.1



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 51.475 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016023.D

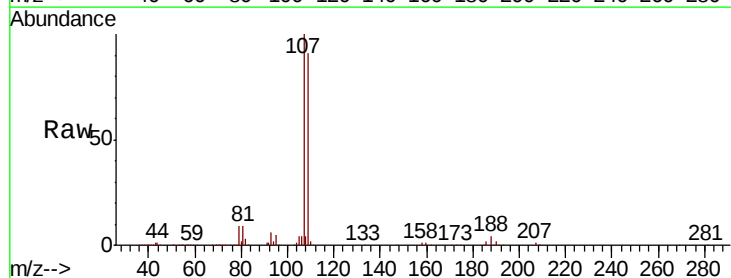
Acq: 01 May 2020 19:41

Tgt Ion:107 Resp: 169728

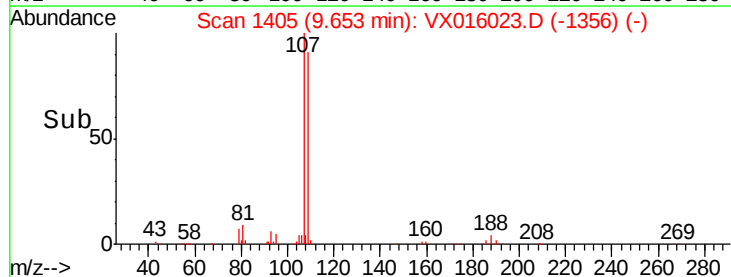
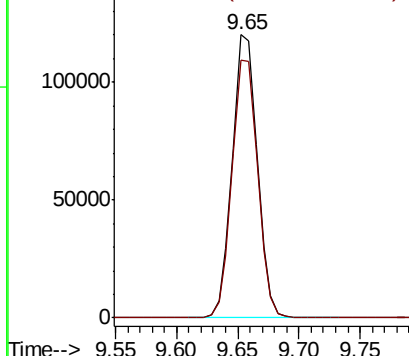
Ion Ratio Lower Upper

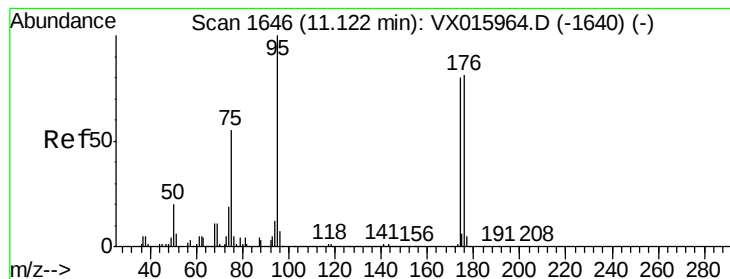
107 100

109 93.4 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.816 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

Instrument :

MSVOA_X

ClientSampleId :

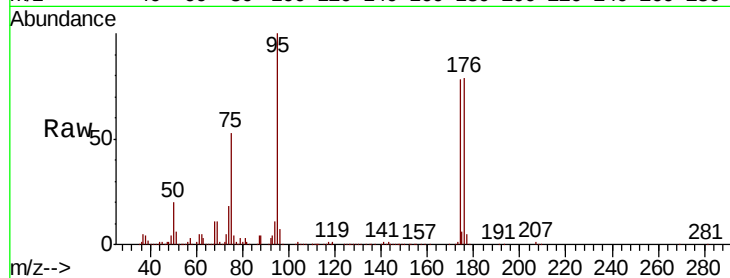
Tot Ion: 95 Resp: 205043

Ion Ratio Lower Upper

95 100

174 79.5 0.0 165.0

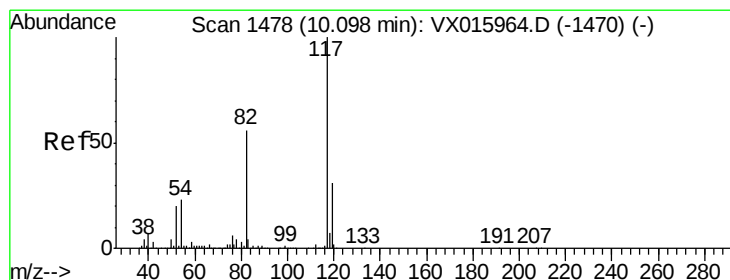
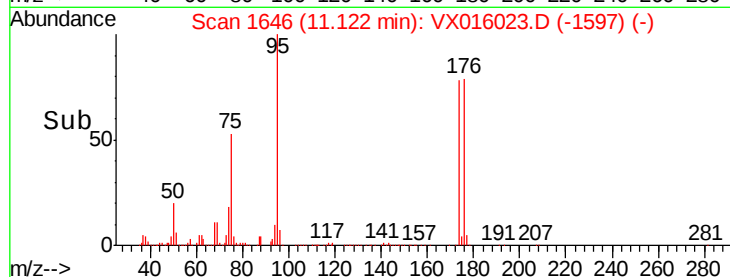
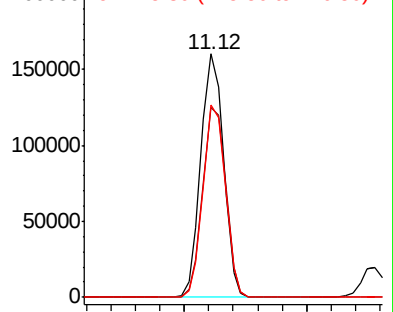
176 78.0 0.0 163.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

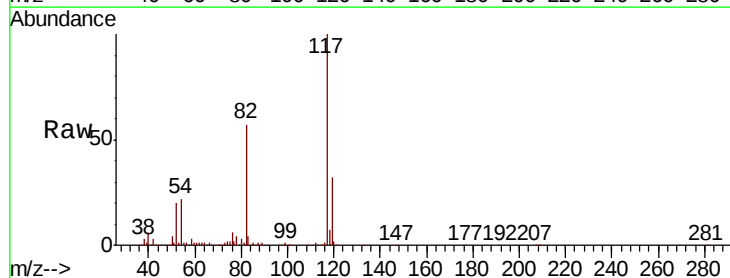
Tgt Ion: 117 Resp: 414438

Ion Ratio Lower Upper

117 100

82 57.1 44.5 66.7

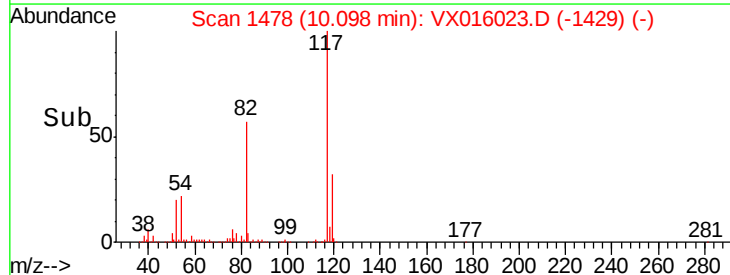
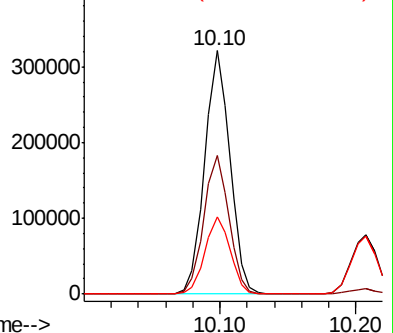
119 31.8 25.0 37.6

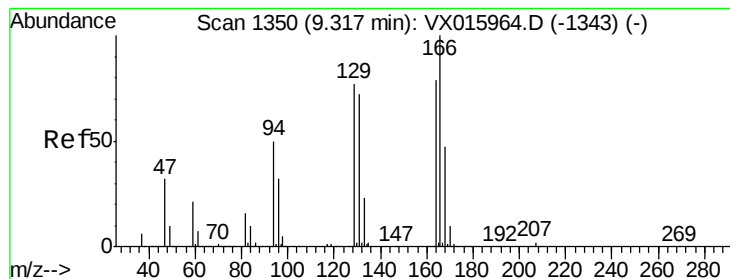


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 47.944 ug/l

RT: 9.32 min Scan# 1351

Delta R.T. 0.01 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 235715

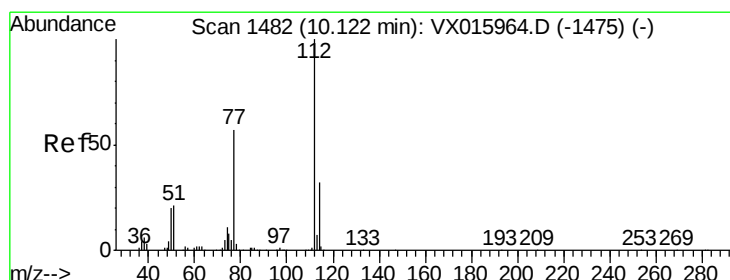
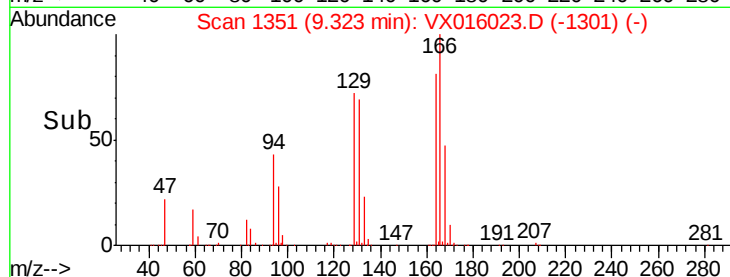
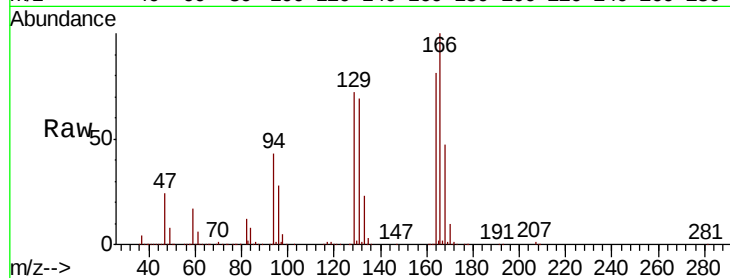
Ion Ratio Lower Upper

164 100

166 123.7 101.0 151.4

129 89.7 77.4 116.0

131 85.4 72.2 108.2



#65

Chlorobenzene

Concen: 49.159 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016023.D

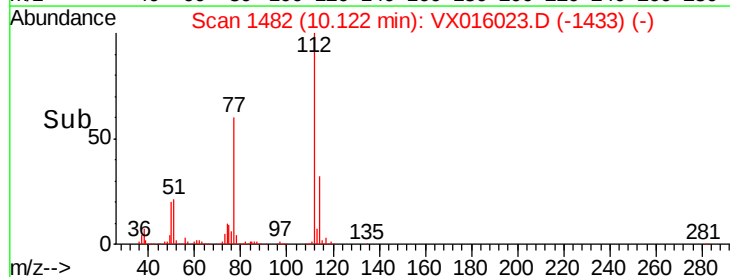
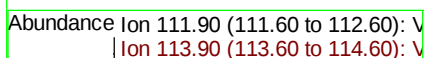
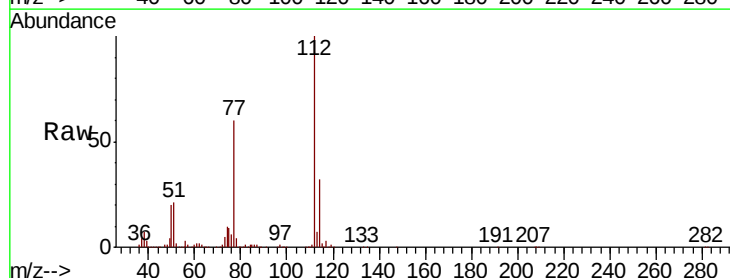
Acq: 01 May 2020 19:41

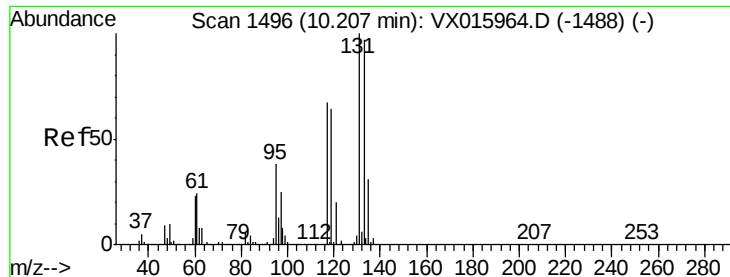
Tgt Ion:112 Resp: 414951

Ion Ratio Lower Upper

112 100

114 32.0 25.4 38.0





#66

1,1,1,2-Tetrachloroethane

Concen: 50.087 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

Instrument :

MSVOA_X

ClientSampleId :

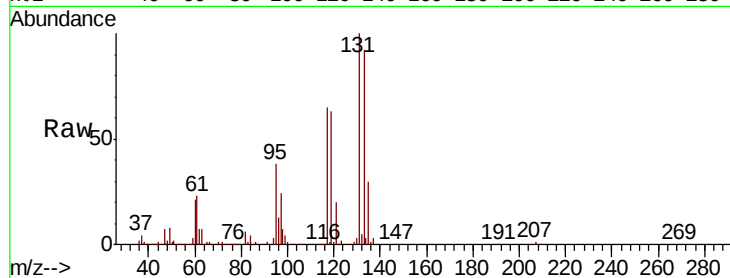
Tot Ion:131 Resp: 159792

Ion Ratio Lower Upper

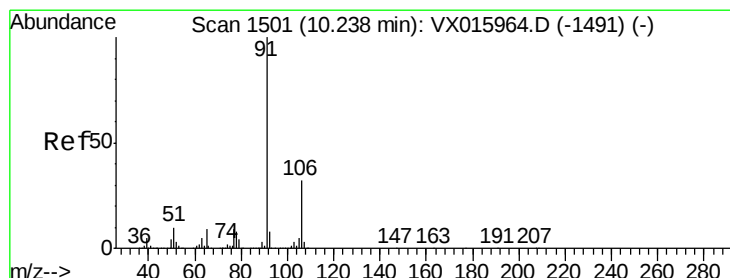
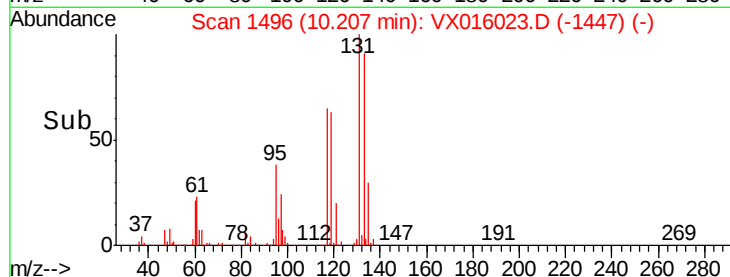
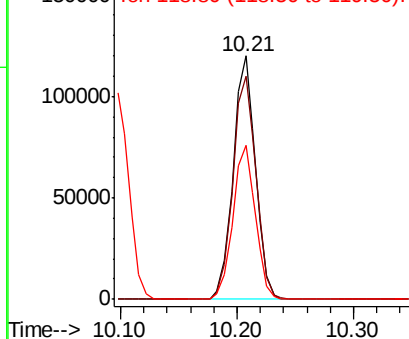
131 100

133 94.8 48.3 144.8

119 63.8 31.6 94.8



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 49.063 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016023.D

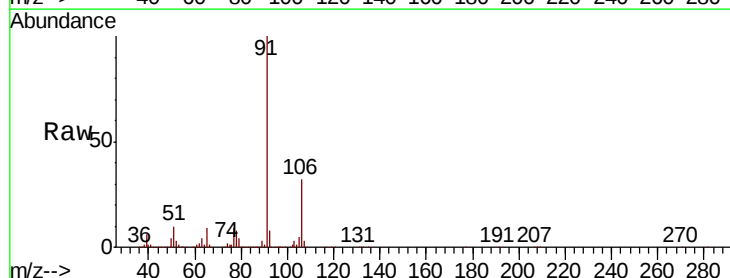
Acq: 01 May 2020 19:41

Tgt Ion: 91 Resp: 737529

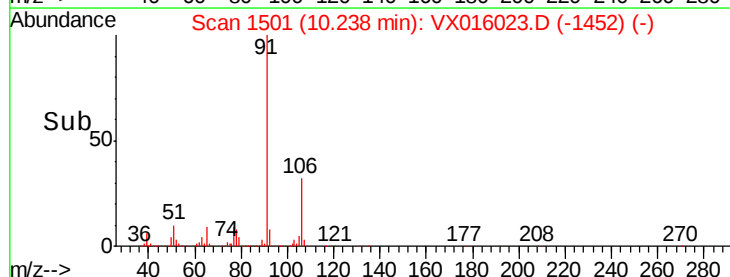
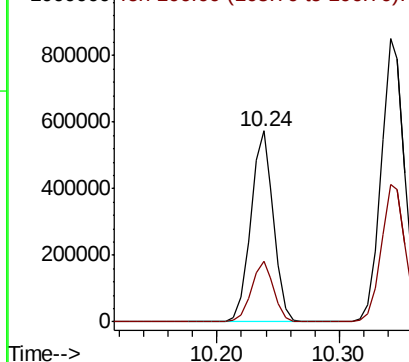
Ion Ratio Lower Upper

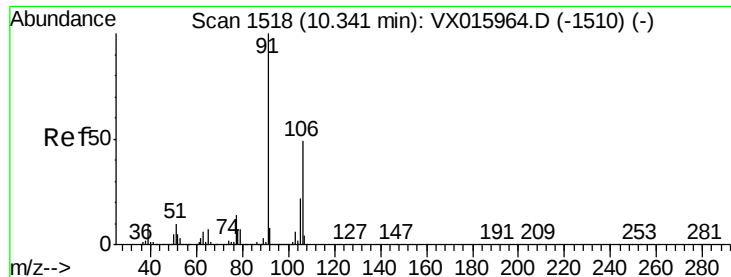
91 100

106 31.7 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

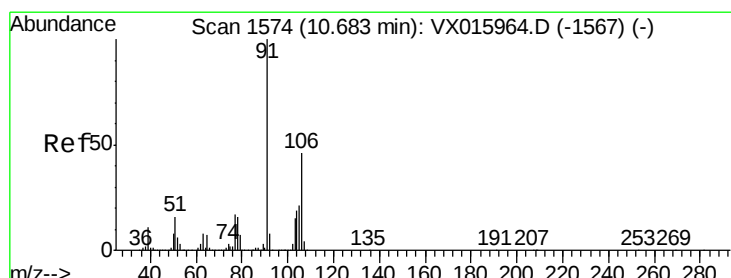
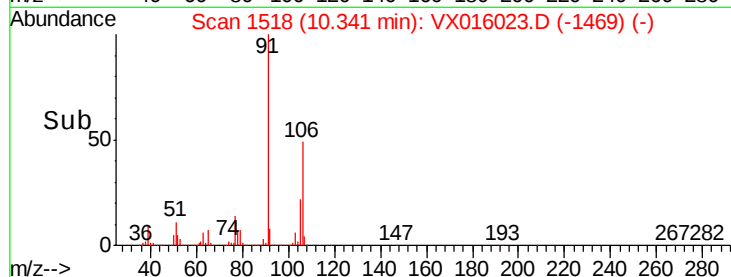
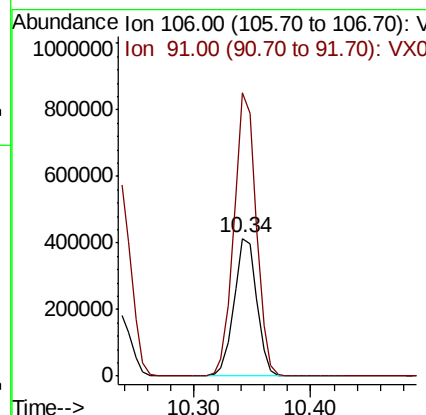
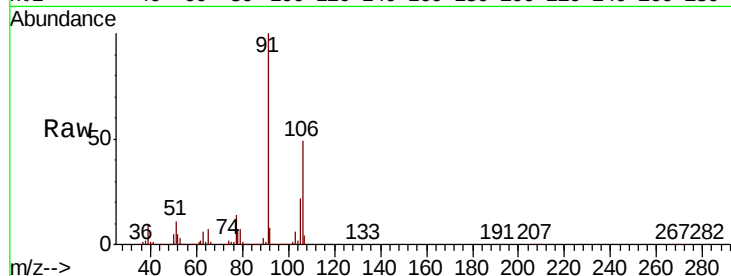




#68
m/p-Xvlenes
Concen: 98.703 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

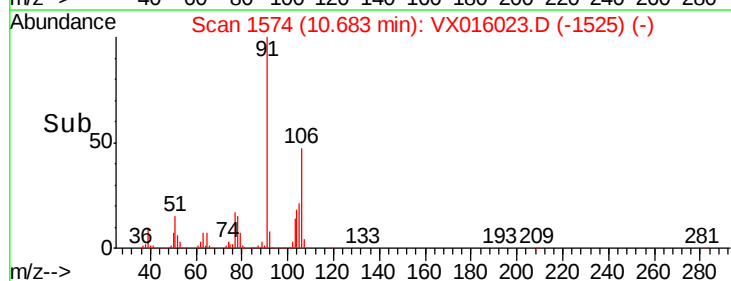
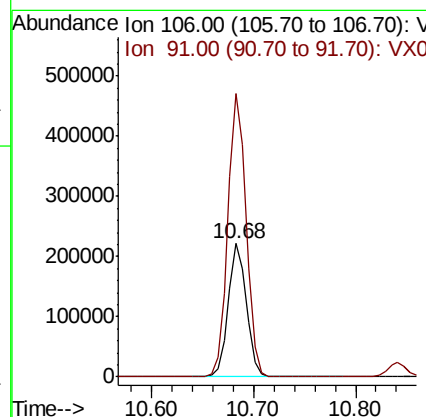
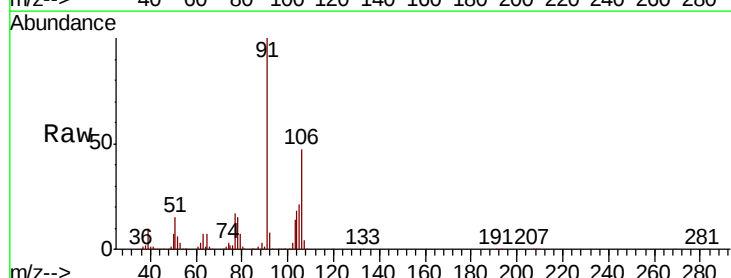
Instrument :
MSVOA_X
ClientSampled :

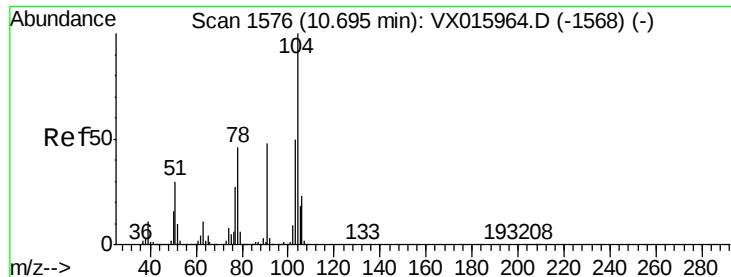
Tot Ion:106 Resp: 563008
Ion Ratio Lower Upper
106 100
91 202.0 161.6 242.4



#69
o-Xylene
Concen: 50.516 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

Tgt Ion:106 Resp: 273575
Ion Ratio Lower Upper
106 100
91 215.2 106.1 318.3

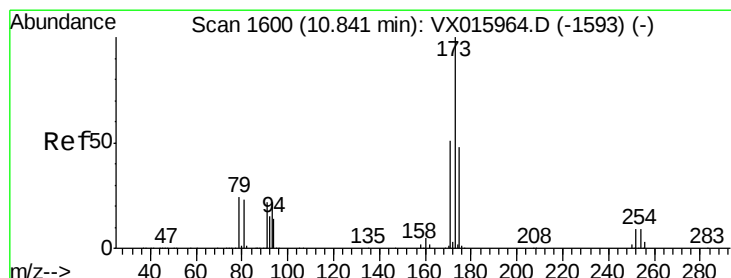
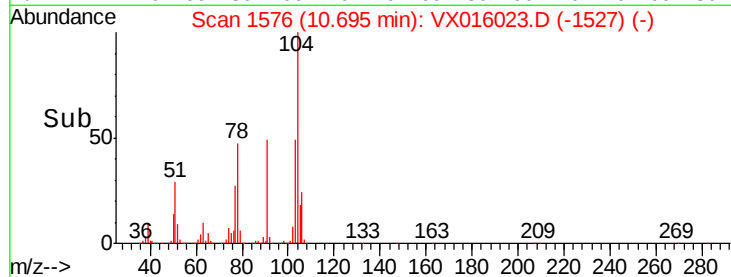
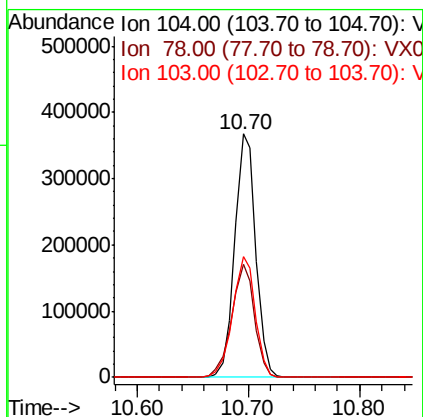
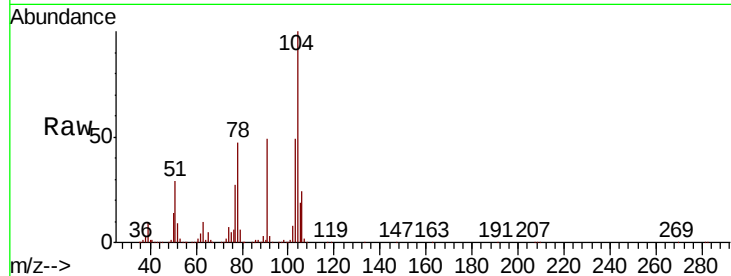




#70
Stvrene
Concen: 51.601 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

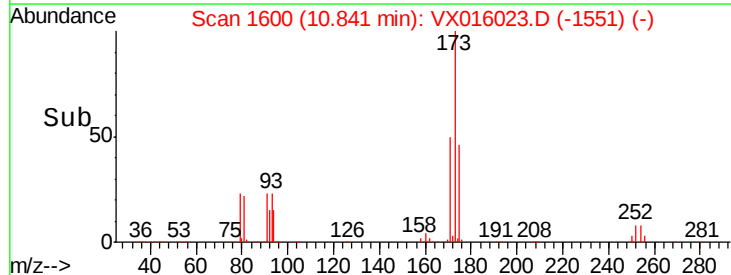
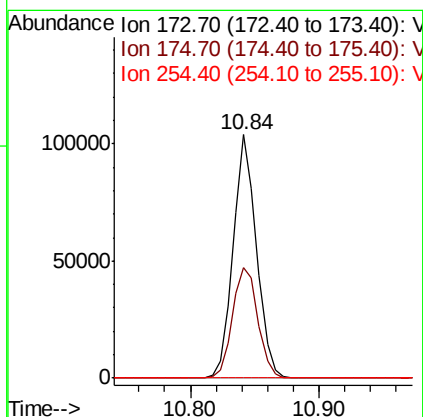
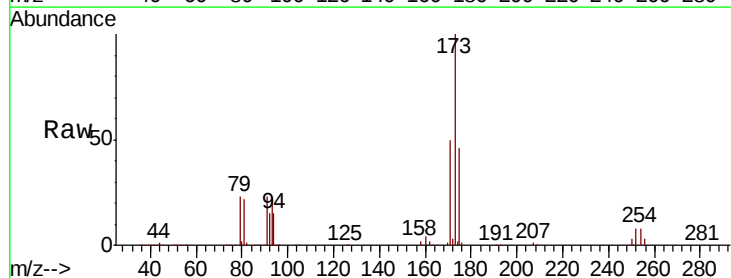
Instrument :
MSVOA_X
ClientSampled :

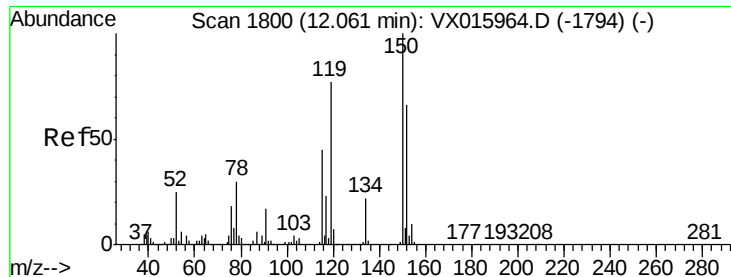
Tot Ion	Ratio	Lower	Upper
104	100		
78	50.2	41.0	61.4
103	53.2	43.4	65.2



#71
Bromoform
Concen: 45.315 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.1	72.4
254	0.1	0.1	0.1#



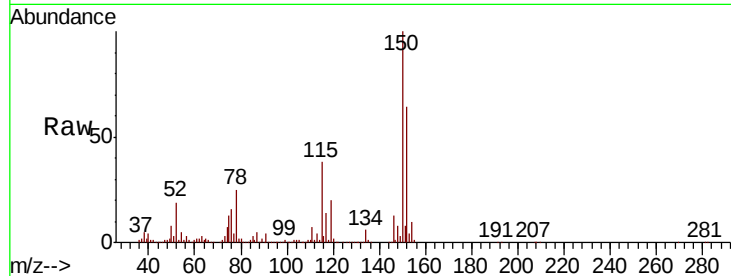


#72

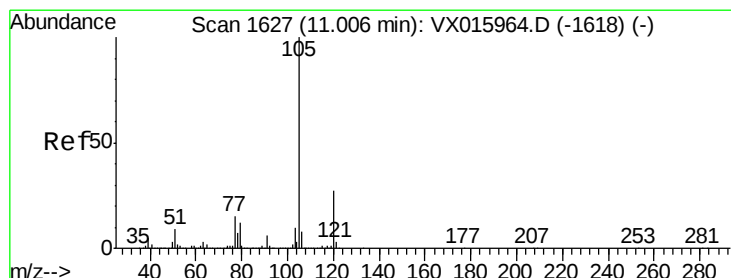
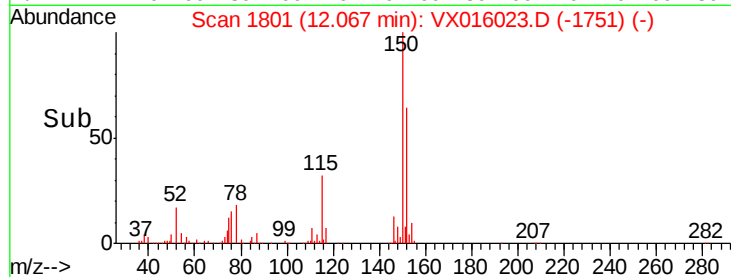
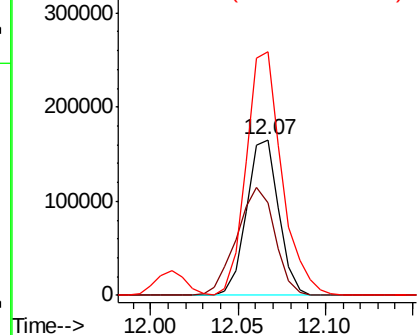
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1801
Delta R.T. 0.01 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	83.2	40.9	122.7
150	174.3	0.0	342.4



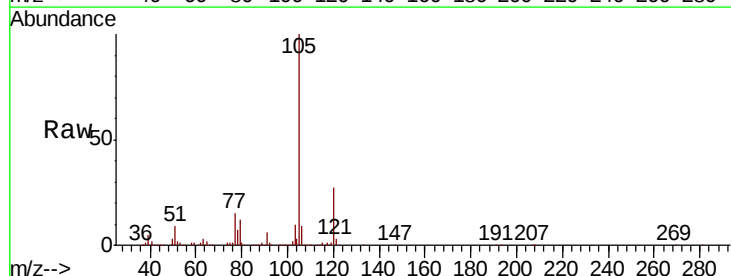
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



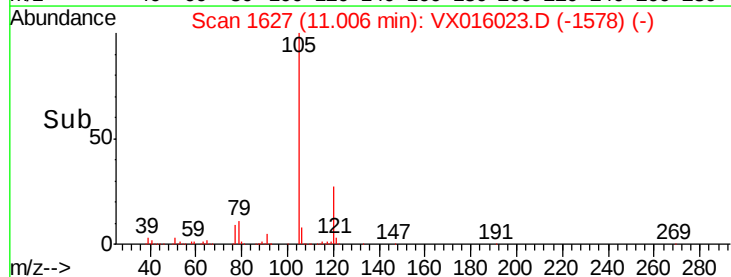
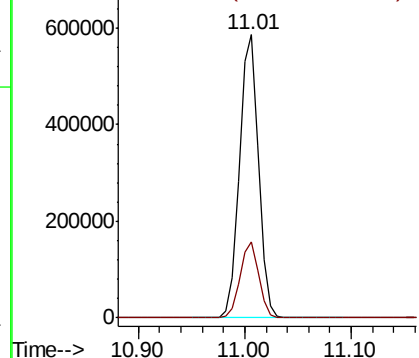
#73

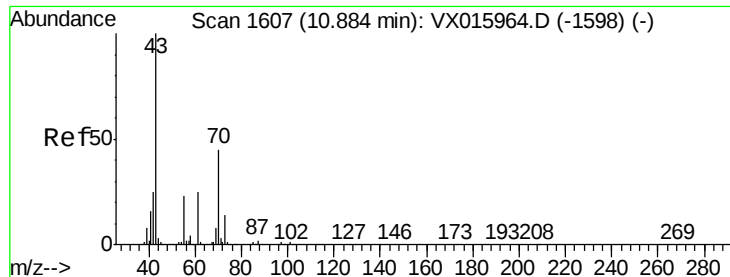
Isopropylbenzene
Concen: 51.324 ug/l
RT: 11.01 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.3	39.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 48.592 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 334688

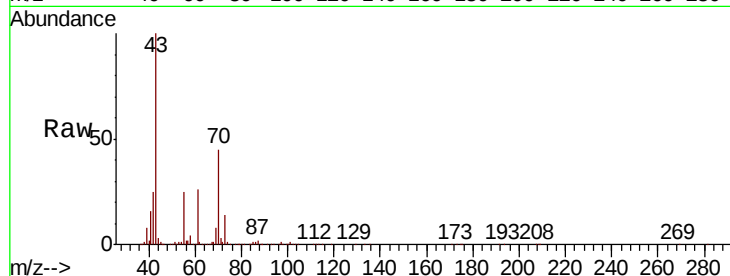
Ion Ratio Lower Upper

43 100

70 44.8 34.5 51.7

55 24.9 18.6 28.0

61 25.5 19.8 29.6

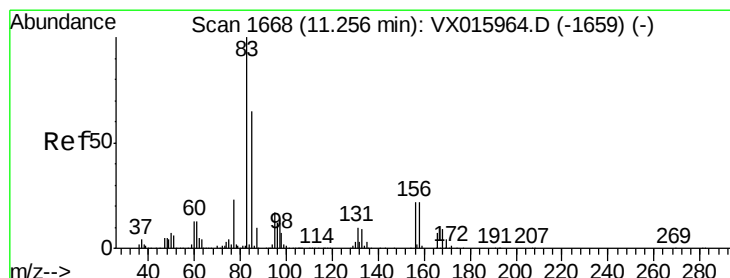
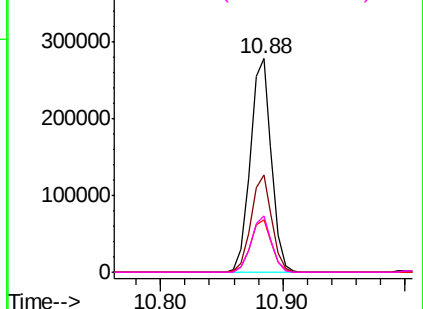
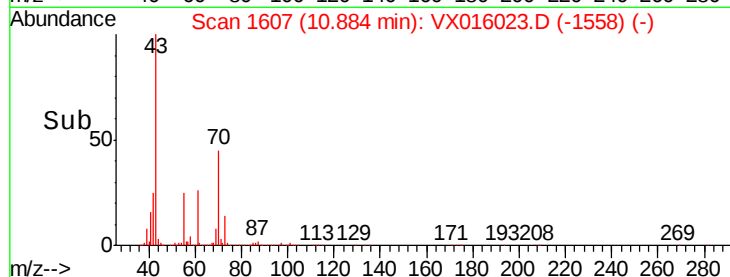


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 48.156 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

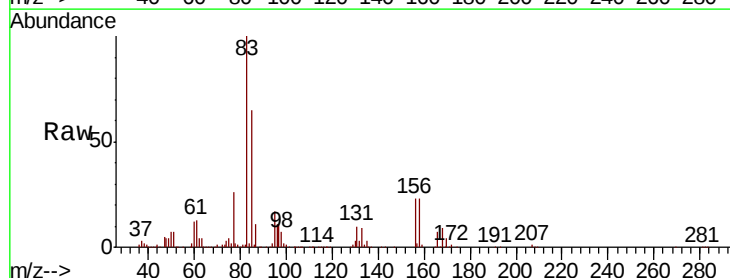
Tgt Ion: 83 Resp: 159153

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

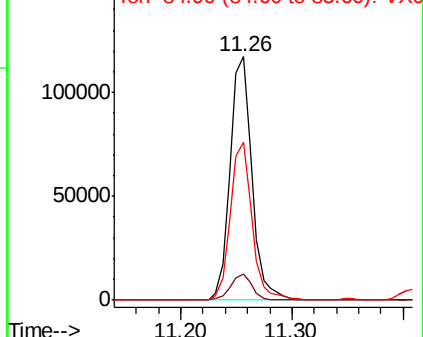
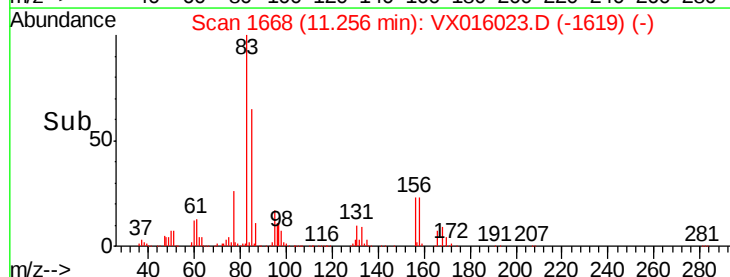
85 64.4 32.2 96.6

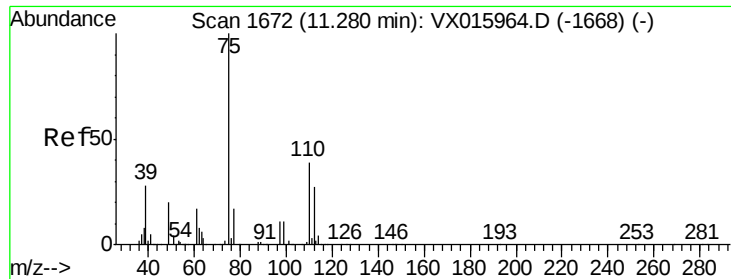


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 70.298 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

Instrument :

MSVOA_X

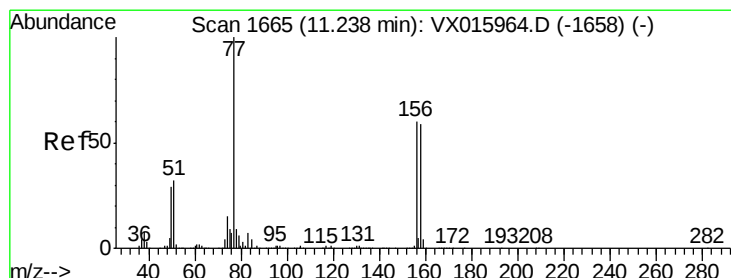
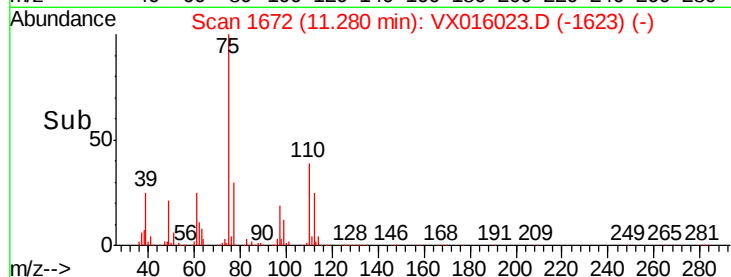
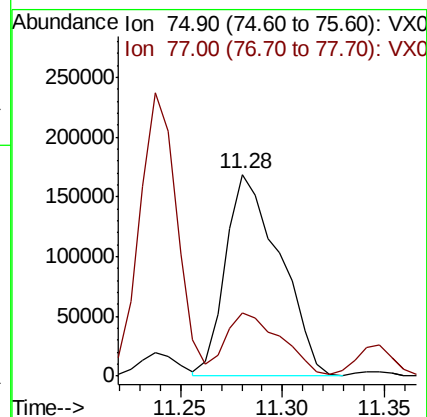
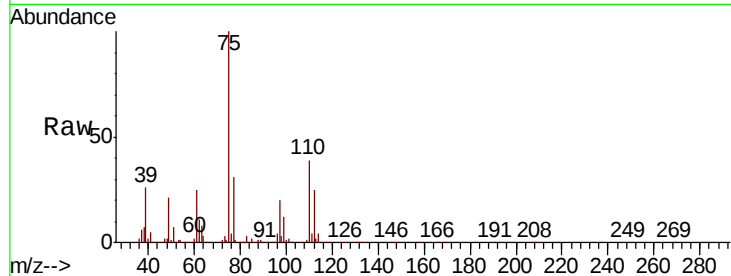
ClientSampleId :

Tot Ion: 75 Resp: 309672

Ion Ratio Lower Upper

75 100

77 32.1 21.6 65.0



#77

Bromobenzene

Concen: 50.529 ug/l

RT: 11.24 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

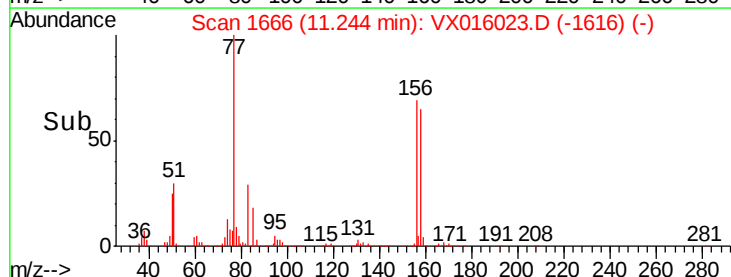
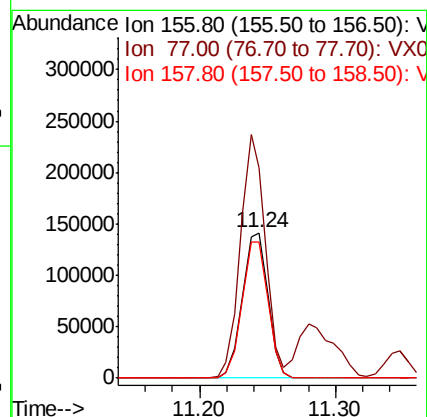
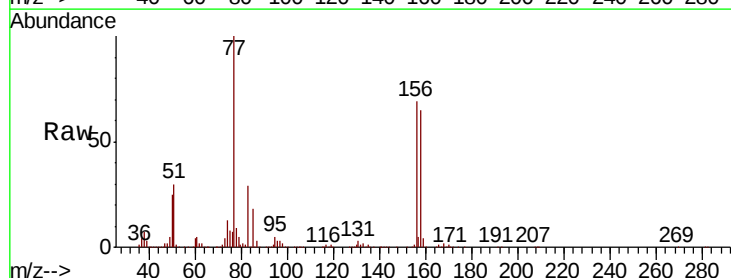
Tgt Ion: 156 Resp: 185749

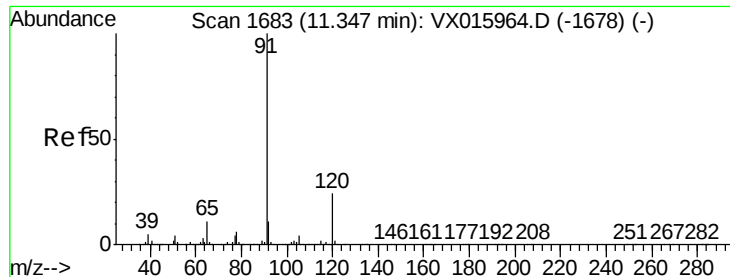
Ion Ratio Lower Upper

156 100

77 162.2 78.3 234.8

158 95.4 48.5 145.5





#78

n-propylbenzene

Concen: 51.280 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

Instrument :

MSVOA_X

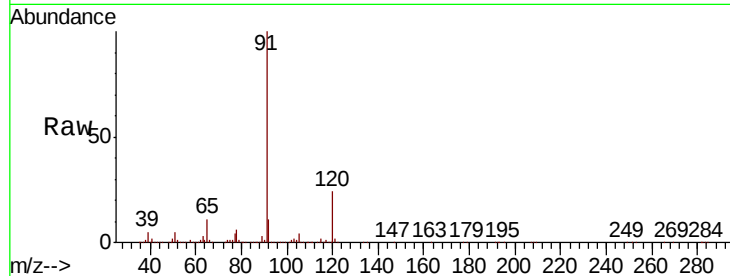
ClientSampleId :

Tot Ion: 91 Resp: 842467

Ion Ratio Lower Upper

91 100

120 22.9 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

800000

600000

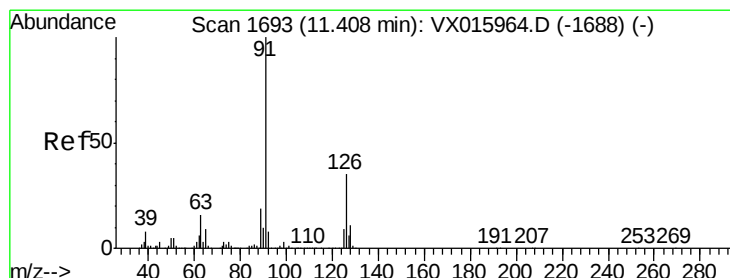
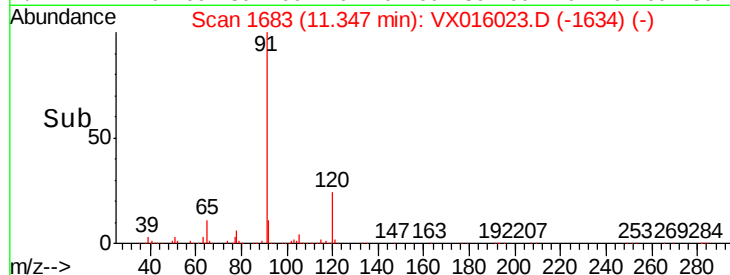
400000

200000

0

11.30 11.35

Time-->



#79

2-Chlorotoluene

Concen: 51.179 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX016023.D

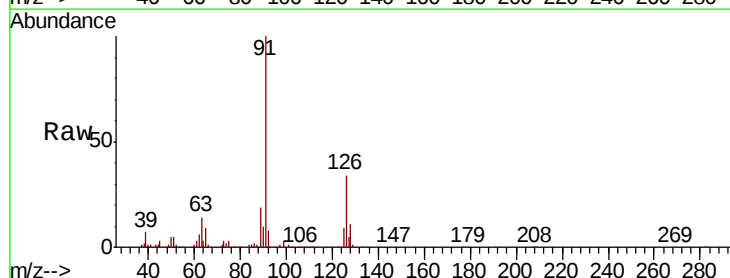
Acq: 01 May 2020 19:41

Tgt Ion: 91 Resp: 500953

Ion Ratio Lower Upper

91 100

126 33.2 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

800000

600000

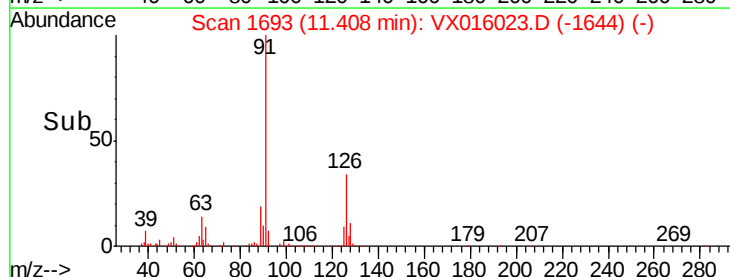
400000

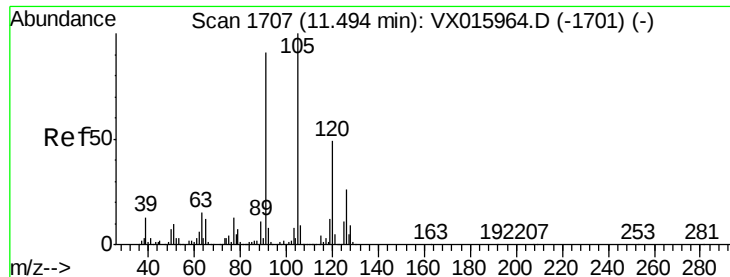
200000

0

11.35 11.40 11.45

Time-->



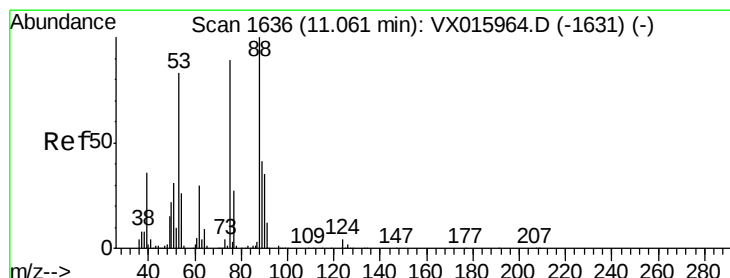
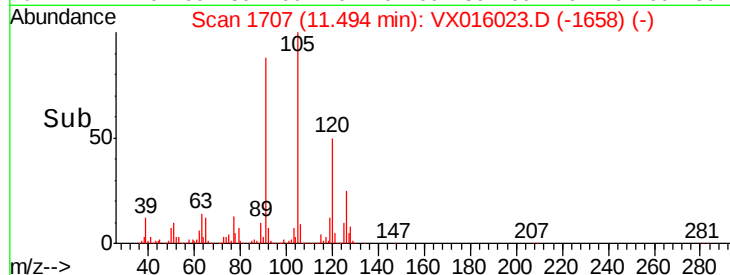
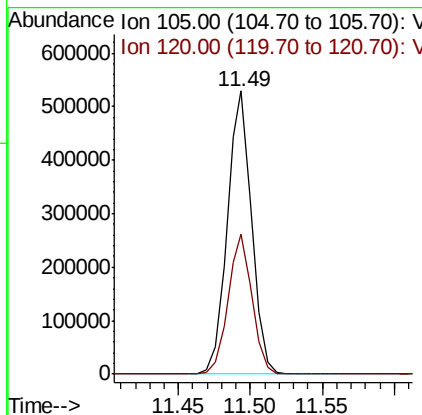
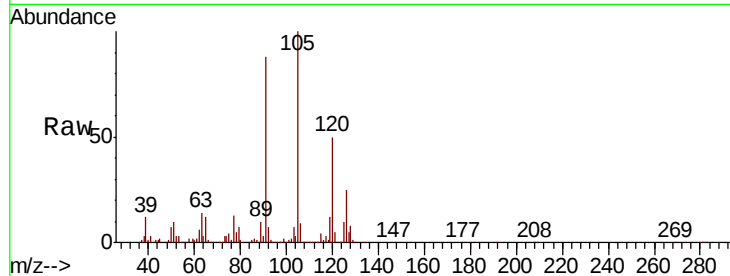


#80

1,3,5-Trimethylbenzene
Concen: 51.852 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

Instrument :
MSVOA_X
ClientSampleId :

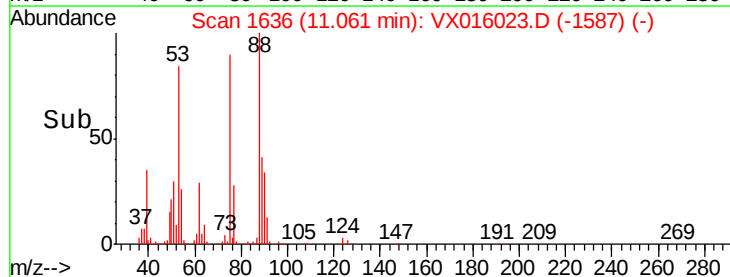
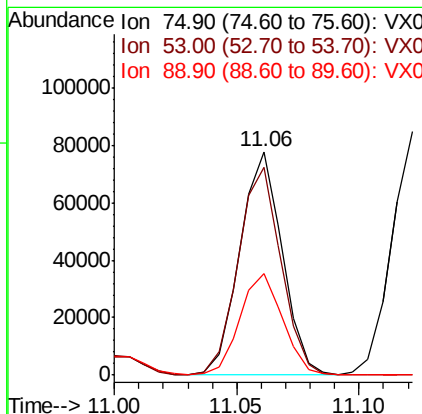
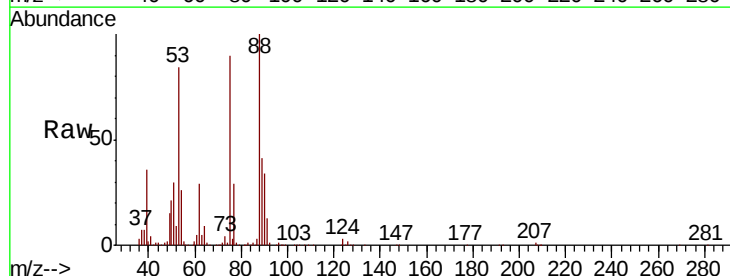
Tot Ion:105 Resp: 623791
Ion Ratio Lower Upper
105 100
120 48.8 24.6 73.6

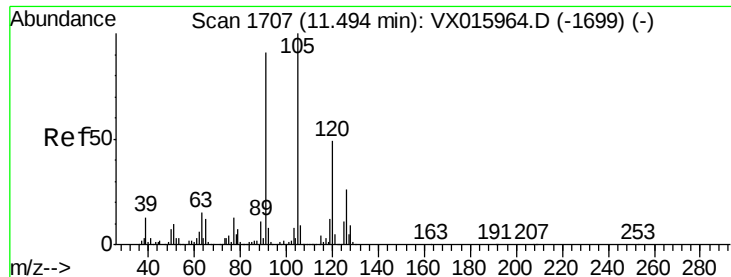


#81

trans-1,4-Dichloro-2-butene
Concen: 49.994 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

Tgt Ion: 75 Resp: 93192
Ion Ratio Lower Upper
75 100
53 94.5 78.3 117.5
89 46.0 37.2 55.8

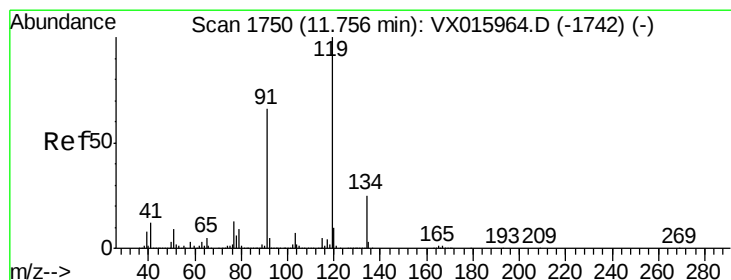
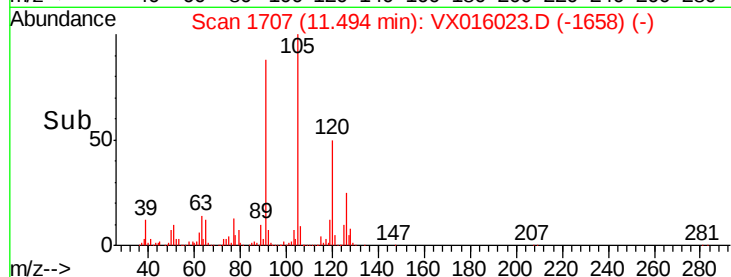
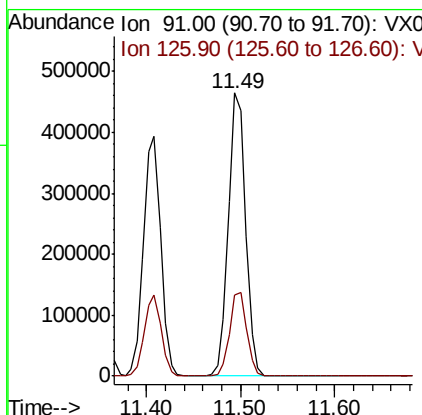
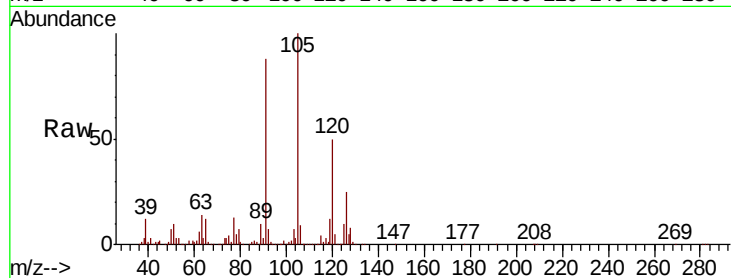




#82
4-Chlorotoluene
Concen: 50.519 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

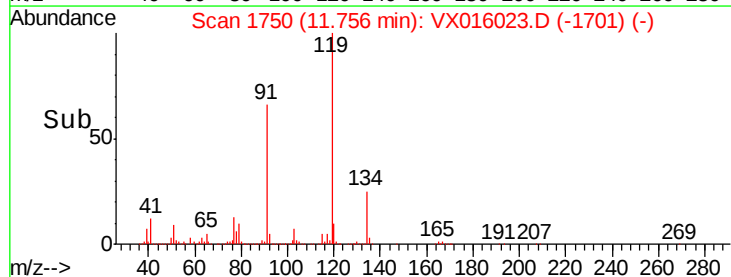
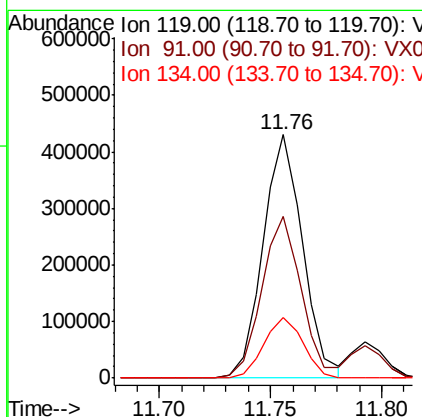
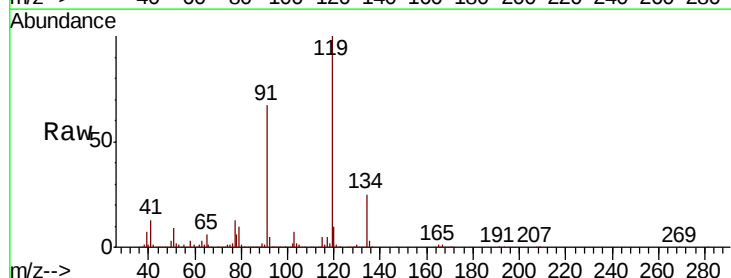
Instrument :
MSVOA_X
ClientSampleId :

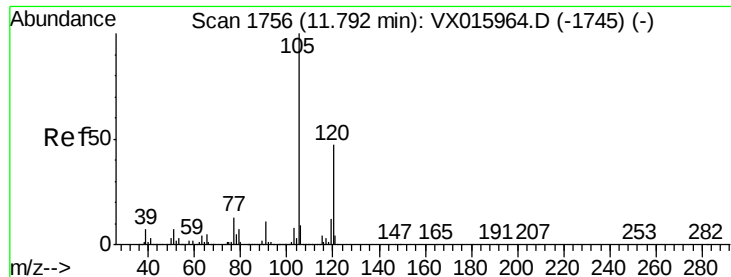
Tot Ion: 91 Resp: 591436
Ion Ratio Lower Upper
91 100
126 29.5 14.8 44.3



#83
tert-Butylbenzene
Concen: 51.151 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

Tgt Ion: 119 Resp: 530584
Ion Ratio Lower Upper
119 100
91 66.9 33.5 100.4
134 24.6 12.4 37.2





#84

1,2,4-Trimethylbenzene

Concen: 52.078 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

Instrument :

MSVOA_X

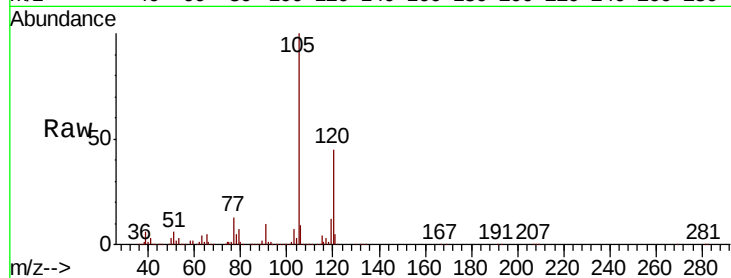
ClientSampleId :

Tot Ion:105 Resp: 630531

Ion Ratio Lower Upper

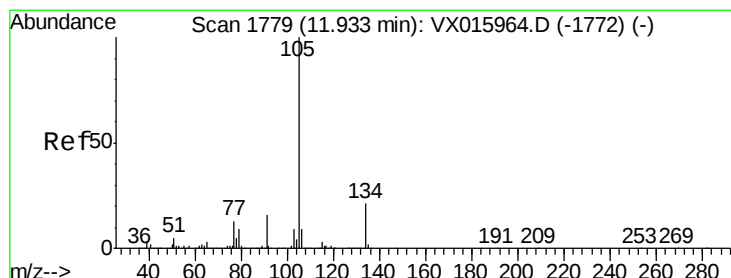
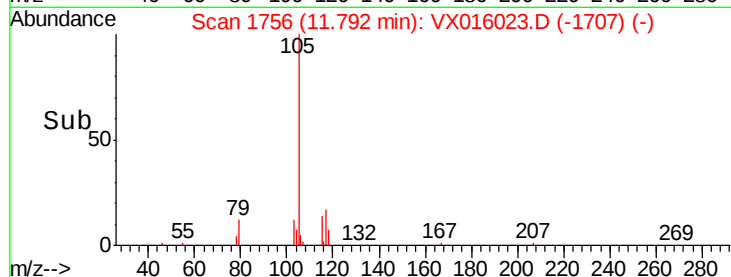
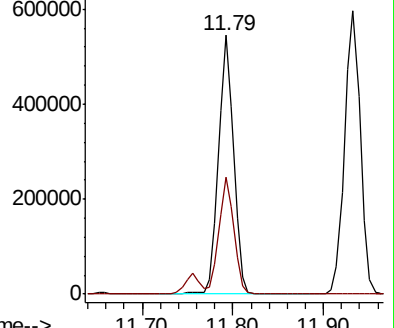
105 100

120 45.0 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 51.264 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016023.D

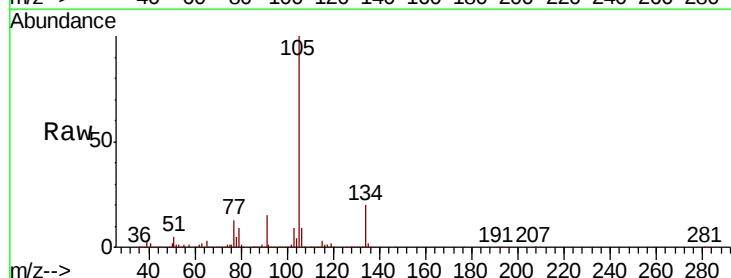
Acq: 01 May 2020 19:41

Tgt Ion:105 Resp: 716427

Ion Ratio Lower Upper

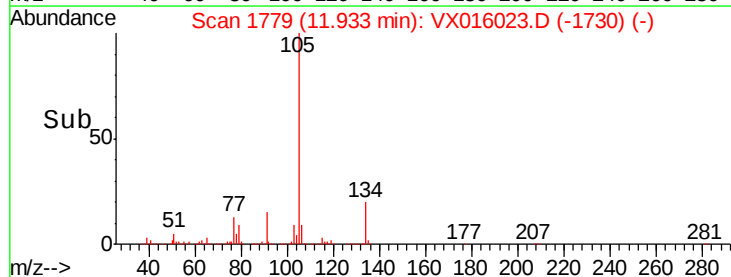
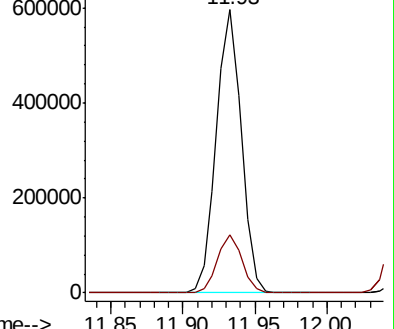
105 100

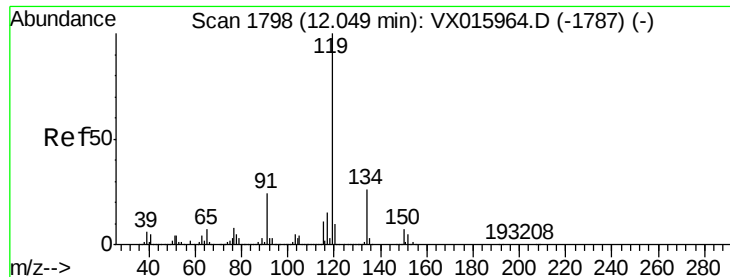
134 20.2 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

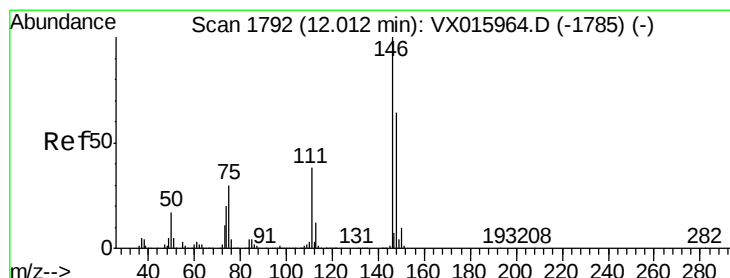
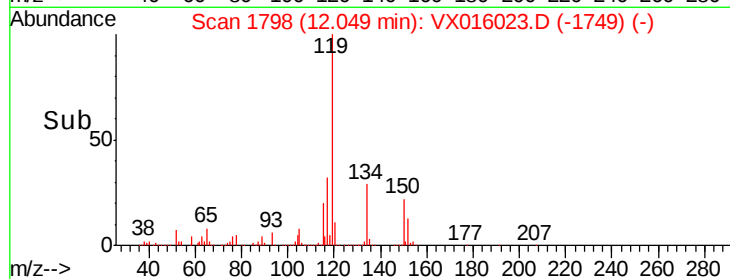
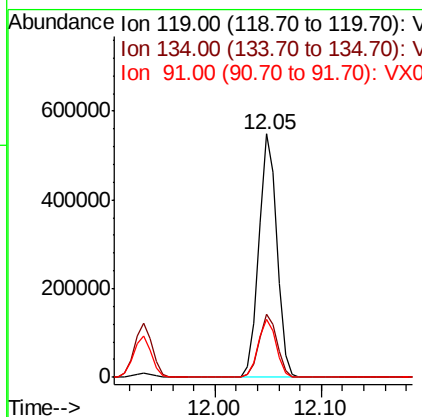
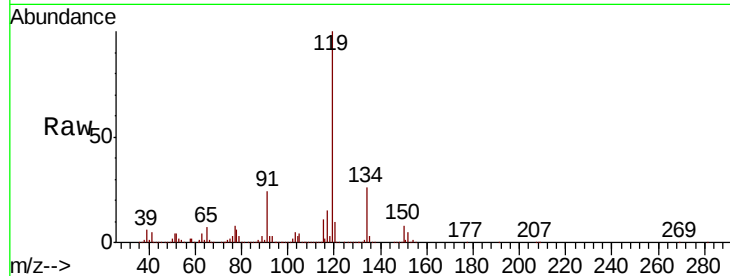




#86
p-Isopropyltoluene
Concen: 49.873 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

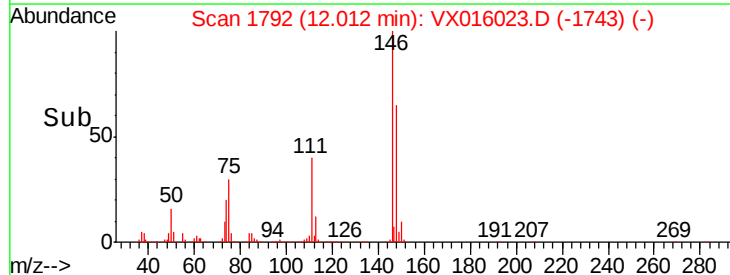
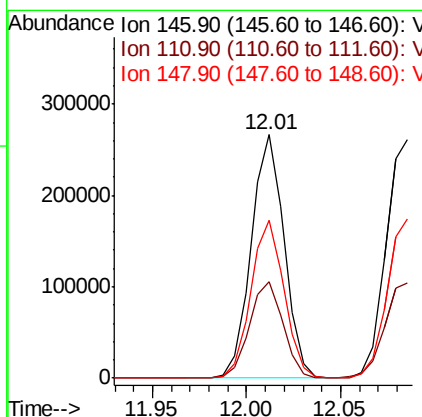
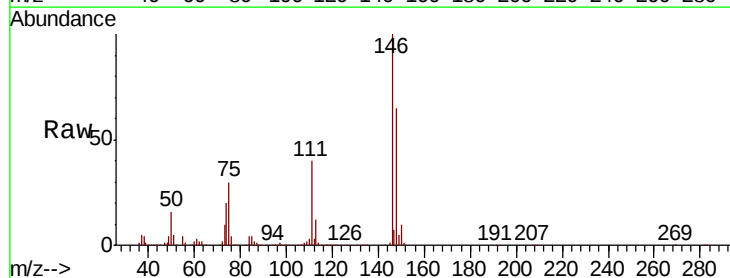
Instrument :
MSVOA_X
ClientSampleId :

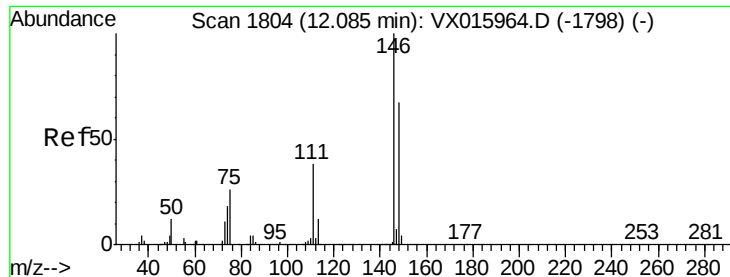
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.0	39.0
91	23.9	11.9	35.9



#87
1,3-Dichlorobenzene
Concen: 48.046 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX016023.D
Acq: 01 May 2020 19:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.6	58.8
148	65.3	32.0	96.0

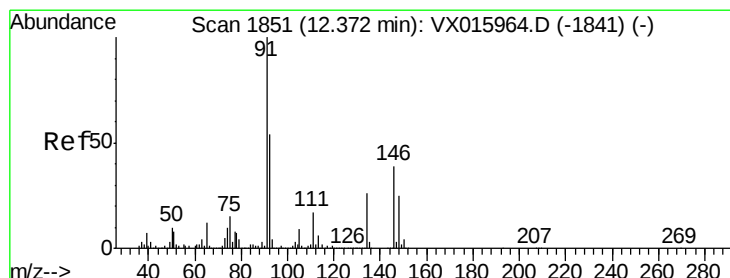
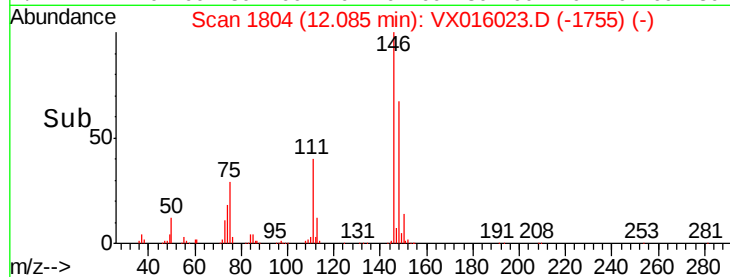
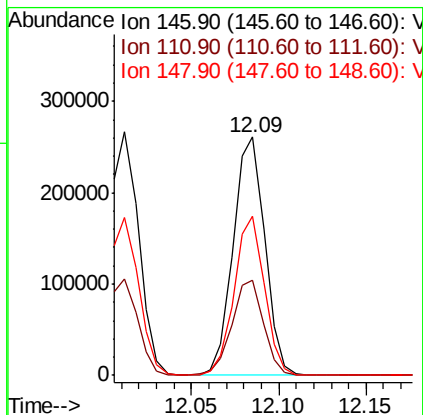
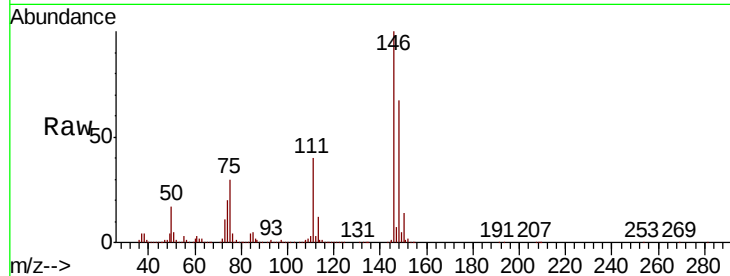




#88
 1,4-Dichlorobenzene
 Concen: 48.332 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX016023.D
 Acq: 01 May 2020 19:41

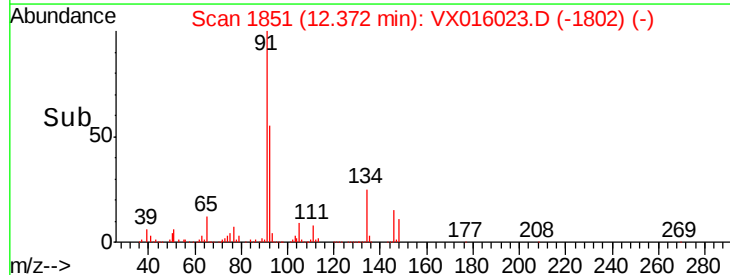
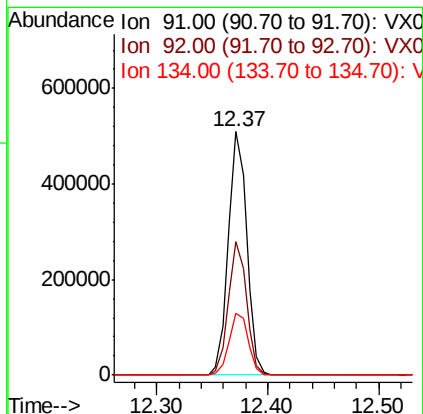
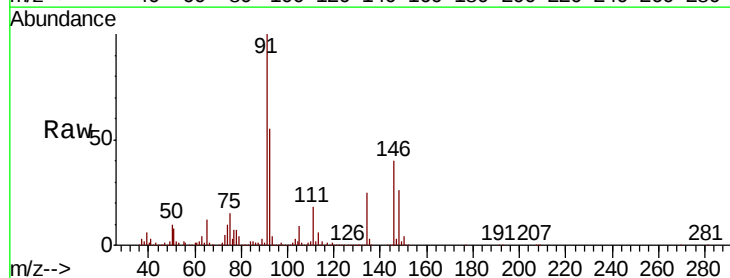
Instrument :
 MSVOA_X
 ClientSampleId :

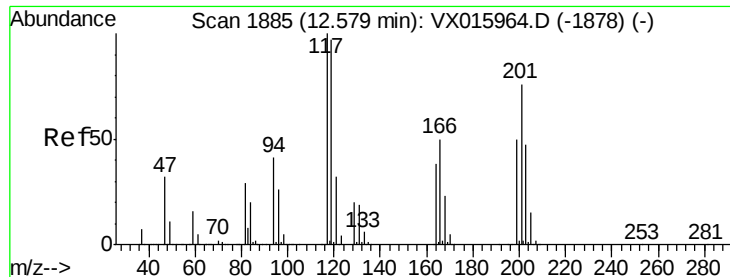
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.7	59.0
148	64.2	32.8	98.4



#89
 n-Butylbenzene
 Concen: 49.448 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX016023.D
 Acq: 01 May 2020 19:41

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.1	81.3
134	26.2	13.3	39.8





#90

Hexachloroethane

Concen: 50.825 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

Instrument :

MSVOA_X

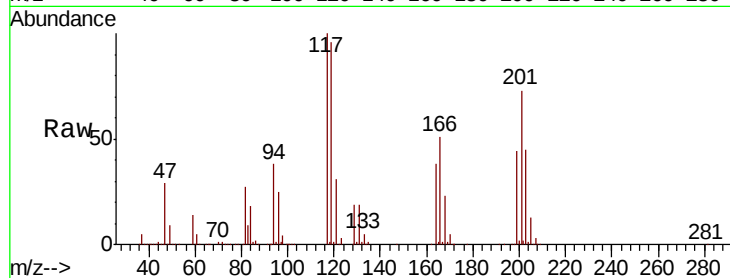
ClientSampled :

Tot Ion:117 Resp: 117552

Ion Ratio Lower Upper

117 100

201 81.1 40.3 120.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.58

80000

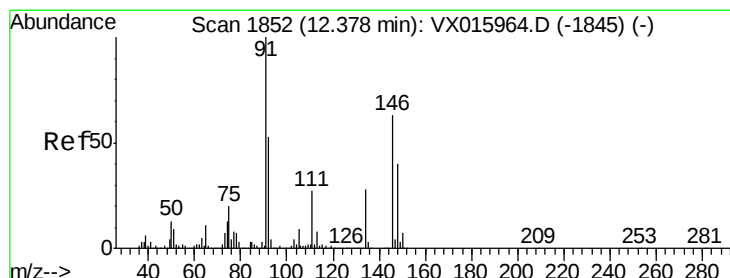
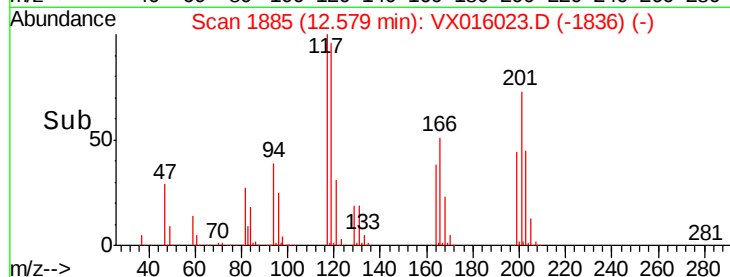
60000

40000

20000

0

Time--> 12.50 12.55 12.60



#91

1,2-Dichlorobenzene

Concen: 49.937 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

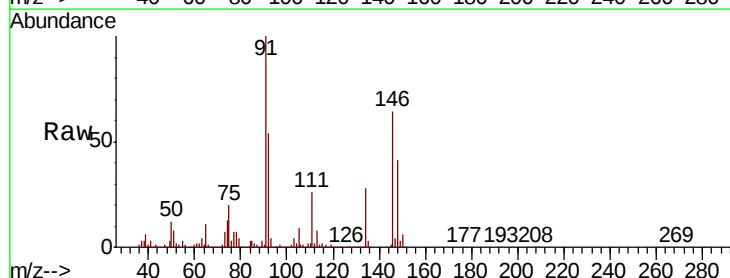
Tgt Ion:146 Resp: 320115

Ion Ratio Lower Upper

146 100

111 41.7 21.1 63.3

148 63.2 32.3 96.9



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

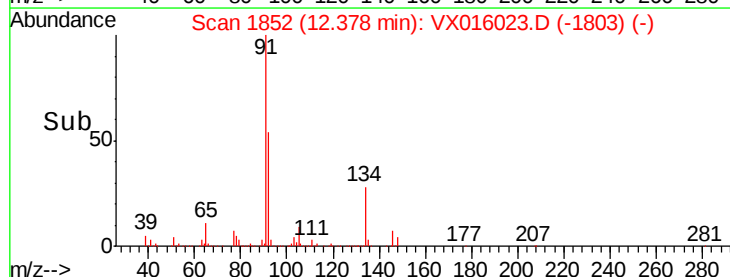
300000

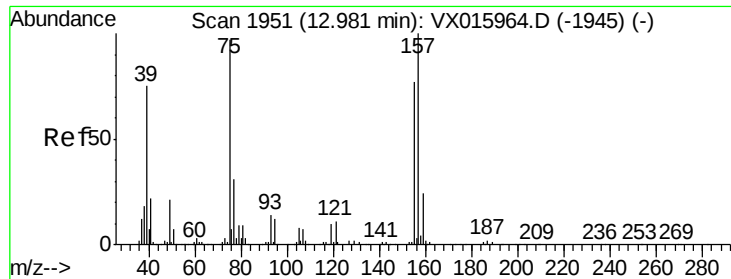
200000

100000

0

Time--> 12.30 12.40





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.608 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

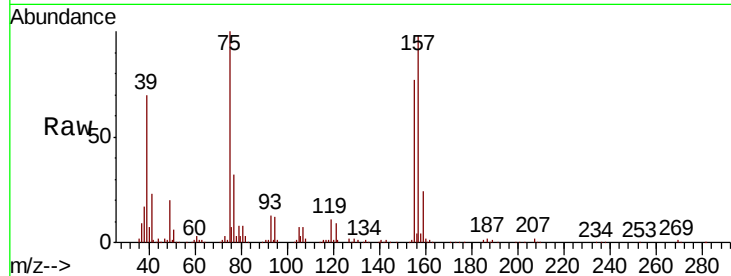
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 59669

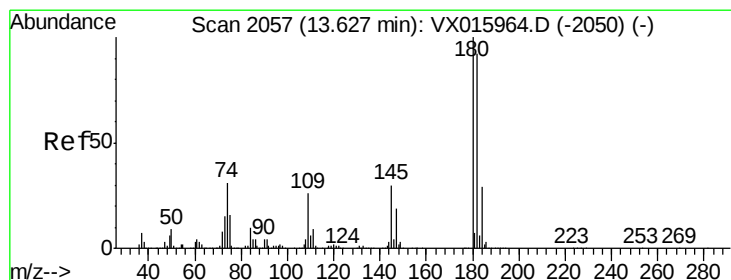
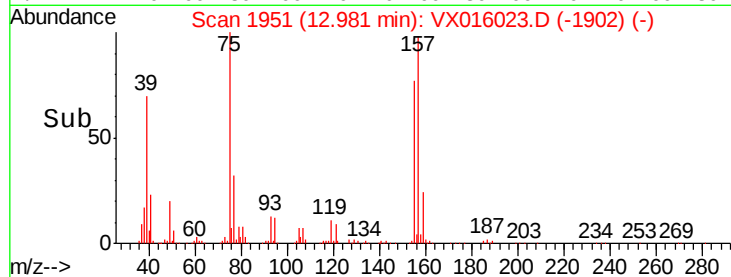
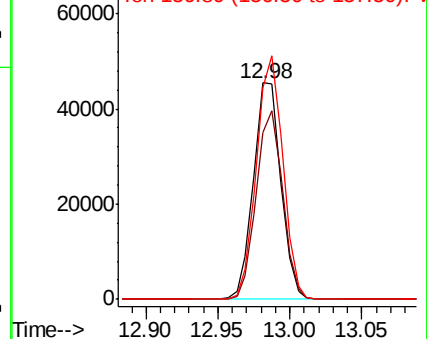
Ion	Ratio	Lower	Upper
75	100		
155	84.1	42.5	127.6
157	107.7	56.0	168.2



Abundance Ion 74.90 (74.60 to 75.60): VX016023.D (-1902) (-)

Ion 154.80 (154.50 to 155.50): VX016023.D (-1902) (-)

Ion 156.80 (156.50 to 157.50): VX016023.D (-1902) (-)



#93

1,2,4-Trichlorobenzene

Concen: 47.060 ug/l

RT: 13.63 min Scan# 2057

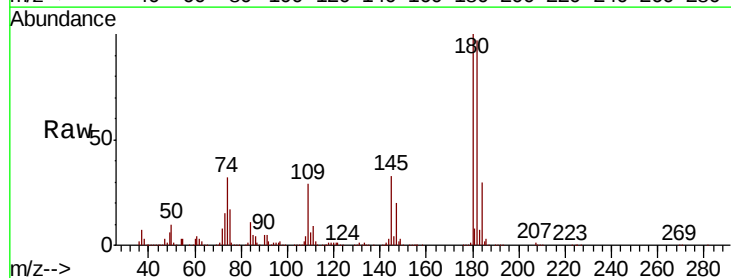
Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

Tgt Ion: 180 Resp: 226426

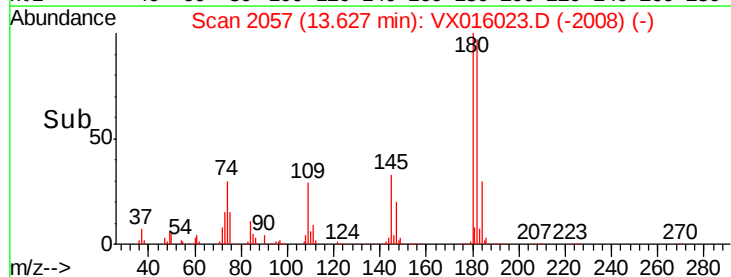
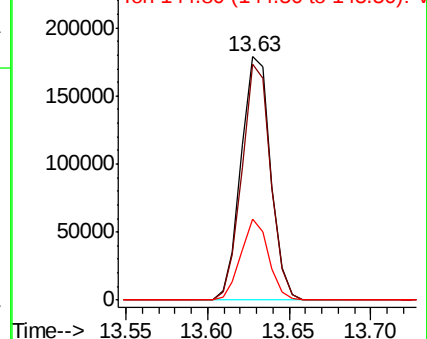
Ion	Ratio	Lower	Upper
180	100		
182	94.4	46.9	140.6
145	31.1	14.7	44.1

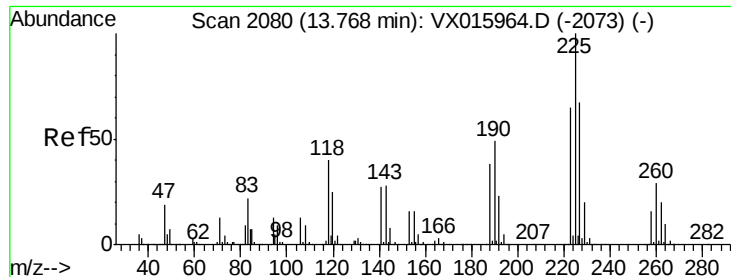


Abundance Ion 179.80 (179.50 to 180.50): VX016023.D (-2008) (-)

Ion 181.80 (181.50 to 182.50): VX016023.D (-2008) (-)

Ion 144.80 (144.50 to 145.50): VX016023.D (-2008) (-)





#94

Hexachlorobutadiene

Concen: 44.349 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

Instrument :

MSVOA_X

ClientSampleId :

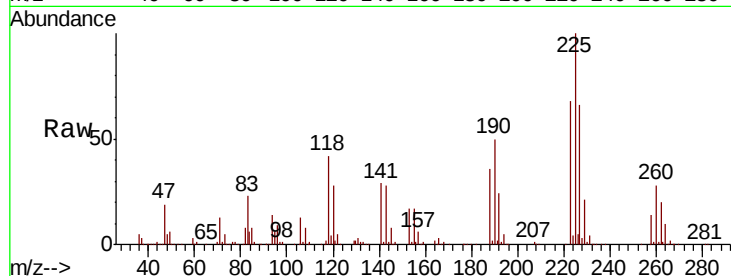
Tot Ion:225 Resp: 95336

Ion Ratio Lower Upper

225 100

223 64.2 32.0 96.0

227 64.4 33.0 99.0

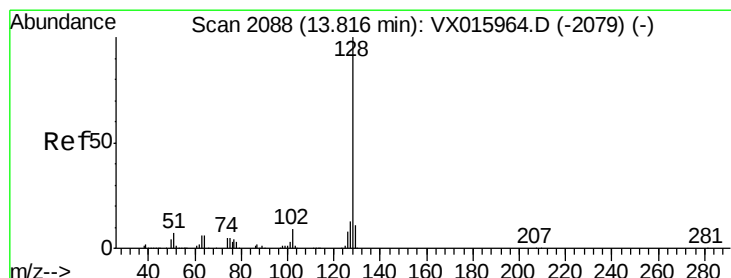
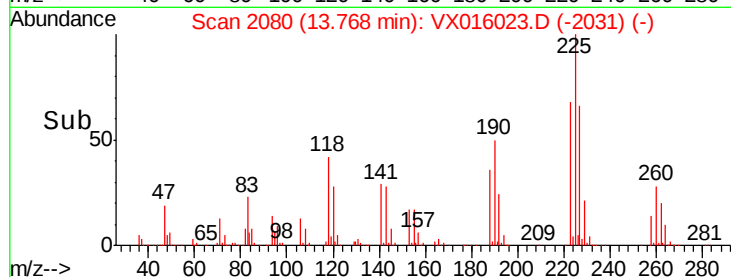
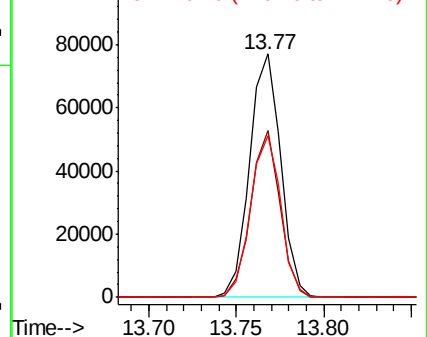


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 50.758 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016023.D

Acq: 01 May 2020 19:41

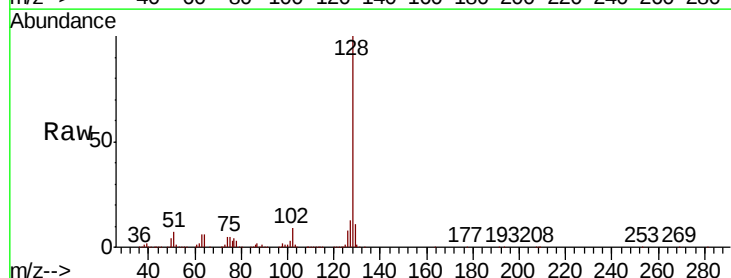
Tgt Ion:128 Resp: 770251

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.2 8.7 13.1

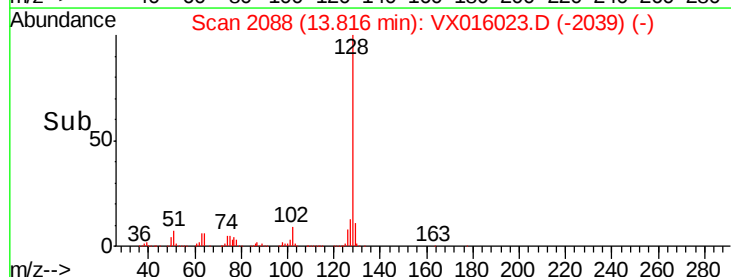
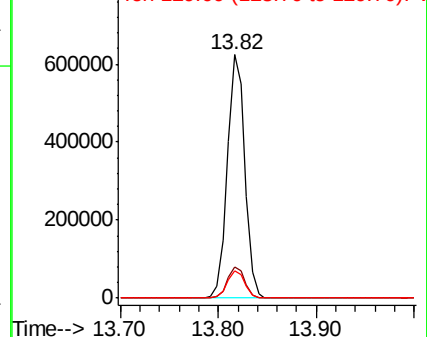


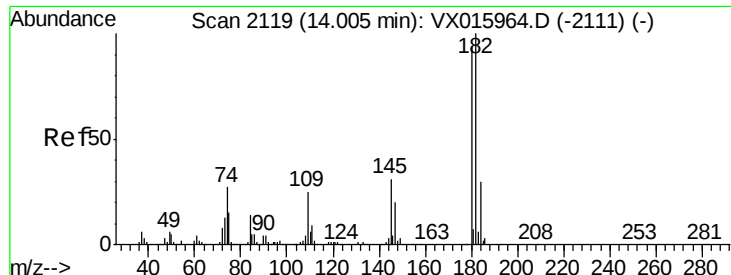
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

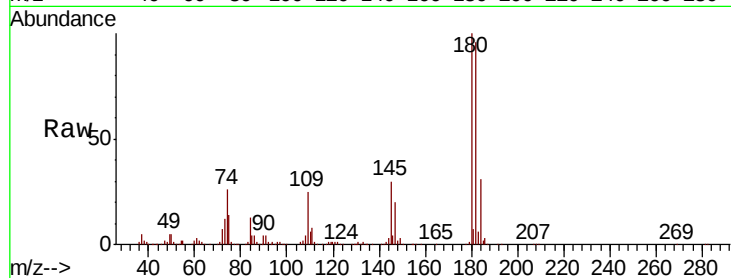




#96
 1,2,3-Trichlorobenzene
 Concen: 48.909 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VX016023.D
 Acq: 01 May 2020 19:41

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	48.7	146.1
145	32.0	16.1	48.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

