

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062520\
 Data File : VX016953.D
 Acq On : 25 Jun 2020 14:52
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062520

Quant Time: Jun 26 09:07:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	44501	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.83	114	247602	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	226364	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	100735	29.08	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.93%
60) 4-Bromofluorobenzene	11.12	95	109955	29.13	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.10%
63) Toluene-d8	8.70	98	301307	30.20	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.67%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	50031	23.120	ug/l 95
3) Chloromethane	1.31	50	58253	19.851	ug/l 96
4) Vinyl Chloride	1.39	62	58593	19.579	ug/l 95
5) Bromomethane	1.63	94	46219	21.450	ug/l 99
6) Chloroethane	1.72	64	37448	19.402	ug/l 93
7) Trichlorofluoromethane	1.92	101	95730	19.669	ug/l 99
8) Diethyl Ether	2.17	74	34406	19.428	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	51474	19.928	ug/l 97
10) 1,1-Dichloroethene	2.36	96	50332	19.757	ug/l 95
11) Methyl Iodide	2.49	142	61478	18.074	ug/l 98
12) Methyl Acetate	2.75	43	57910	18.021	ug/l 96
13) Acrolein	2.27	56	43666	86.115	ug/l 100
14) Acrylonitrile	3.11	53	139188	91.451	ug/l 99
15) Acetone	2.42	58	33977	86.263	ug/l 93
16) Carbon Disulfide	2.55	76	163000	20.353	ug/l 97
17) Allyl chloride	2.71	41	92940	19.488	ug/l 96
18) Methylene Chloride	2.83	84	59222	19.300	ug/l 94
19) trans-1,2-Dichloroethene	3.14	96	58090	20.125	ug/l 96
20) Diisopropyl ether	3.82	45	182569	19.155	ug/l 94
21) 1,1-Dichloroethane	3.67	63	101583	19.329	ug/l 100
22) cis-1,2-Dichloroethene	4.56	96	63534	19.770	ug/l 97
23) tert-Butyl Alcohol	3.01	59	60802	90.184	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	175938	19.341	ug/l 99
25) Chloroform	5.17	83	102822	19.297	ug/l 99
26) Cyclohexane	5.54	56	88781	19.366	ug/l # 98
29) 1,1-Dichloropropene	5.77	75	78663	19.502	ug/l 99
30) 2-Butanone	4.63	43	182882	86.985	ug/l 100
31) 2,2-Dichloropropane	4.54	77	91320	19.741	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	93015	19.058	ug/l 99
33) Carbon Tetrachloride	5.75	117	83687	19.335	ug/l 97
34) Benzene	6.11	78	225859	19.231	ug/l 98
35) Methacrylonitrile	5.00	41	40018	17.247	ug/l 99
36) 1,2-Dichloroethane	6.16	62	84547	18.796	ug/l 99
37) Trichloroethene	7.18	130	63545	19.828	ug/l 94
38) Methylcyclohexane	7.44	83	89761	19.541	ug/l 99
39) 1,2-Dichloropropane	7.49	63	56815	18.568	ug/l 95
40) Dibromomethane	7.63	93	39488	18.725	ug/l 99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	82985	19.004	ug/l	92
42) Vinyl Acetate	3.78	43	793446	93.650	ug/l	100
43) Ethyl Acetate	4.79	43	77351	17.762	ug/l	99
44) Isopropyl Acetate	6.40	43	129117	17.987	ug/l	99
45) 1,4-Dioxane	7.71	88	28072	387.638	ug/l #	92
46) Methyl methacrylate	7.74	41	61320	18.459	ug/l	93
47) n-amyl Acetate	10.88	43	113638	17.910	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	92200	19.096	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	97634	19.241	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	55701	18.926	ug/l	98
51) Ethyl methacrylate	9.16	69	83357	18.455	ug/l	100
52) 1,3-Dichloropropane	9.35	76	96429	19.084	ug/l	97
53) Dibromochloromethane	9.56	129	63065	18.643	ug/l	100
54) 1,2-Dibromoethane	9.65	107	58568	18.754	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	232603	97.862	ug/l	100
56) Bromoform	10.84	173	43140	17.966	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	373188	89.500	ug/l	98
59) 2-Hexanone	9.47	43	278876	89.616	ug/l	98
61) Tetrachloroethene	9.32	164	56443	19.552	ug/l	97
62) Toluene	8.76	91	244557	19.753	ug/l	99
64) Chlorobenzene	10.12	112	151547	19.538	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	57341	19.637	ug/l	99
66) Ethyl Benzene	10.23	91	268240	19.537	ug/l	99
67) m/p-Xylenes	10.34	106	205064	39.592	ug/l	97
68) o-Xylene	10.68	106	94627	19.020	ug/l	97
69) Styrene	10.70	104	162811	19.112	ug/l	98
70) Isopropylbenzene	11.00	105	261662	19.391	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	78740	19.000	ug/l	97
72) 1,2,3-Trichloropropane	11.28	75	98621	24.780	ug/l	85
73) Bromobenzene	11.24	156	65273	19.166	ug/l	98
74) n-propylbenzene	11.34	91	311984	19.472	ug/l	100
75) 2-Chlorotoluene	11.40	91	178561	19.111	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	217451	19.198	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	28555	17.704	ug/l	93
78) 4-Chlorotoluene	11.49	91	214563	19.396	ug/l	100
79) tert-butylbenzene	11.76	119	210225	19.374	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	219973	19.344	ug/l	98
81) sec-Butylbenzene	11.93	105	253895	19.326	ug/l	100
82) p-Isopropyltoluene	12.05	119	230929	19.468	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	123659	20.262	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	124387	20.285	ug/l	98
85) n-Butylbenzene	12.37	91	217380	19.798	ug/l	99
86) Hexachloroethane	12.58	117	43078	18.557	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	114460	20.037	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	16559	17.562	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	77582	20.130	ug/l	98
90) Hexachlorobutadiene	13.77	225	31768	21.669	ug/l	98
91) Naphthalene	13.82	128	244162	19.328	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	77627	20.640	ug/l	99

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

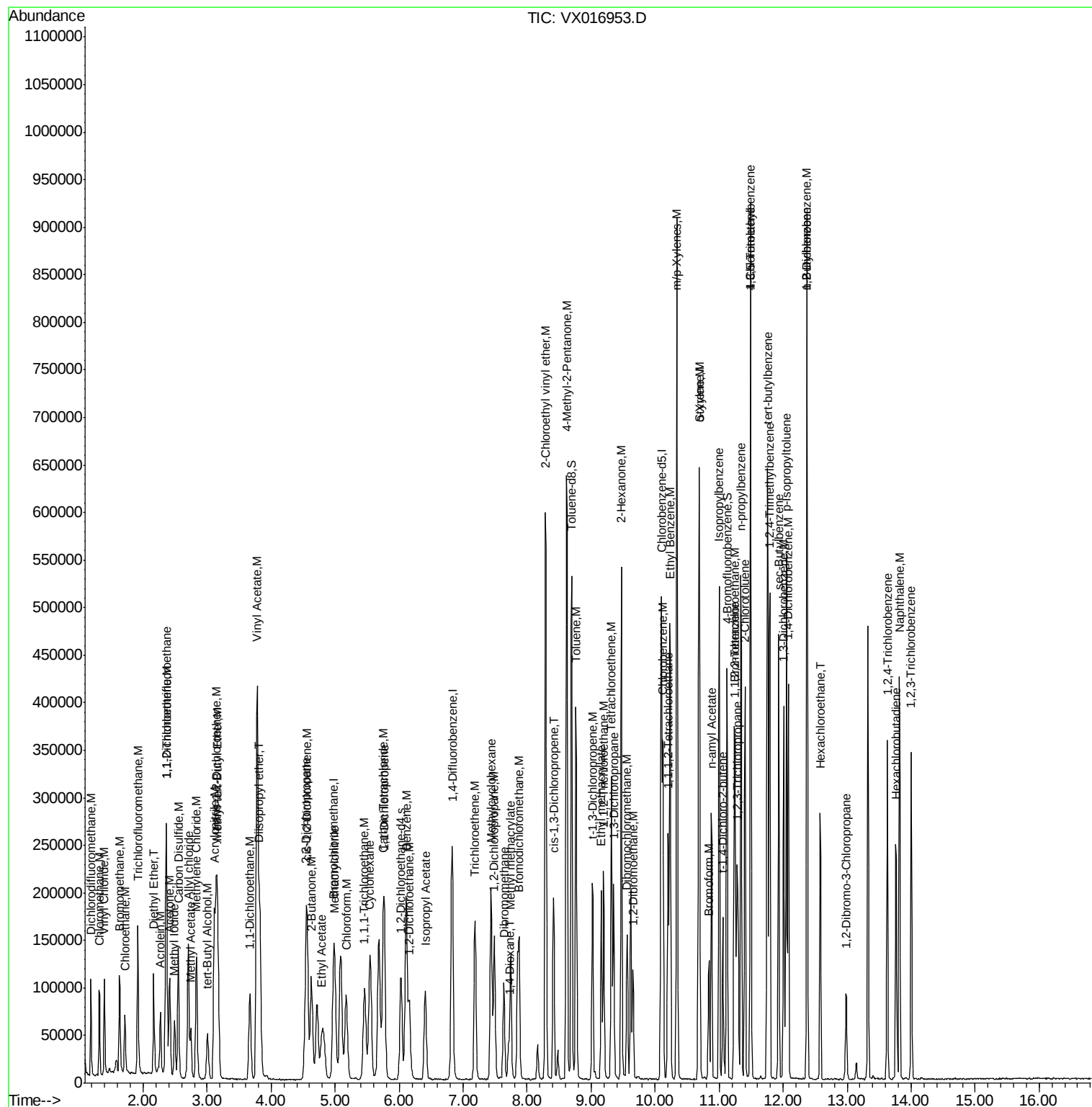
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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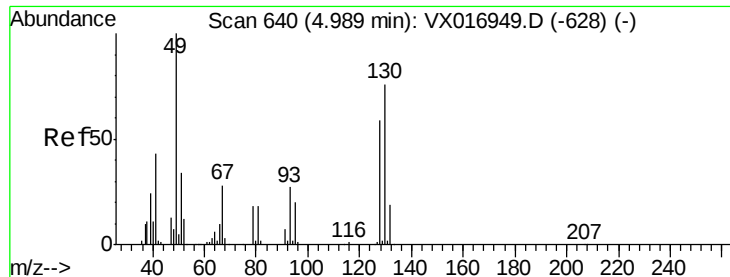
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleID :
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Quant Time: Jun 26 09:07:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062520

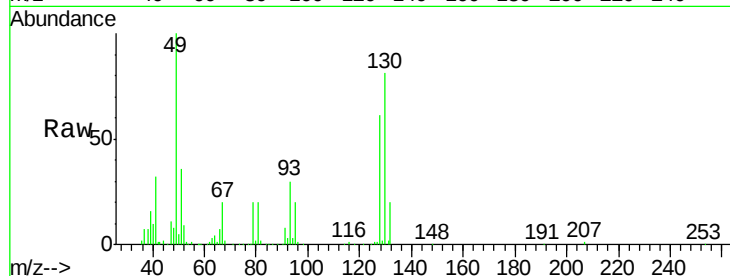
Tgt Ion:128 Resp: 44501

Ion Ratio Lower Upper

128 100

49 167.1 0.0 428.0

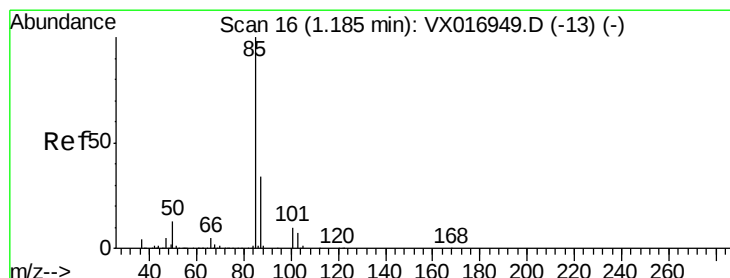
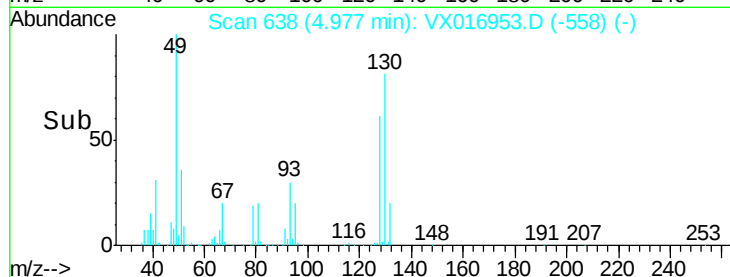
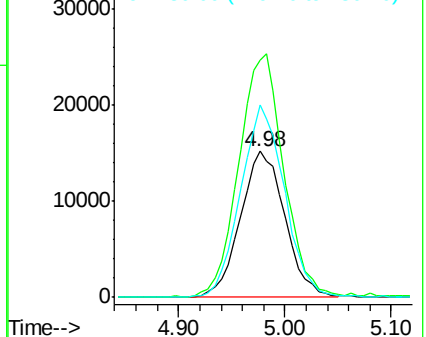
130 130.1 0.0 318.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 23.120 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016953.D

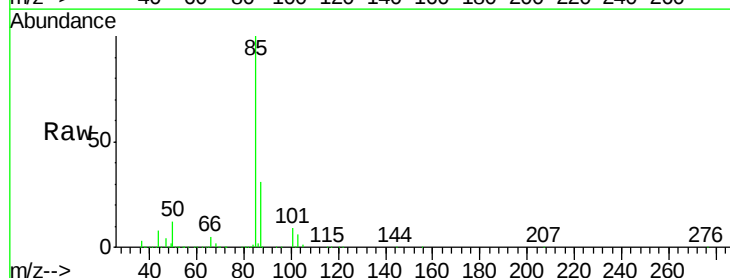
Acq: 25 Jun 2020 14:52

Tgt Ion: 85 Resp: 50031

Ion Ratio Lower Upper

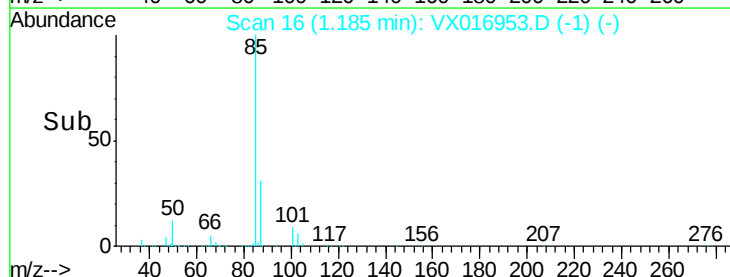
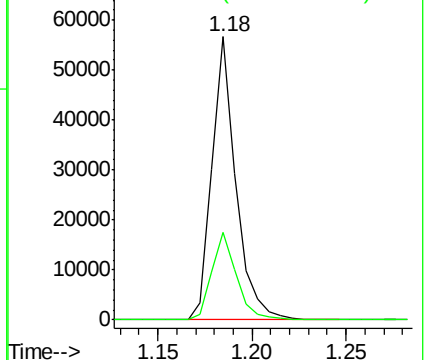
85 100

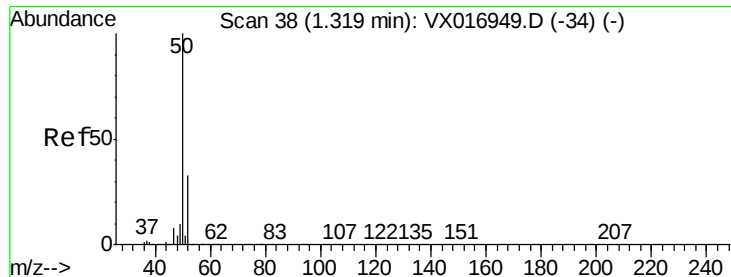
87 31.1 16.9 50.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.851 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

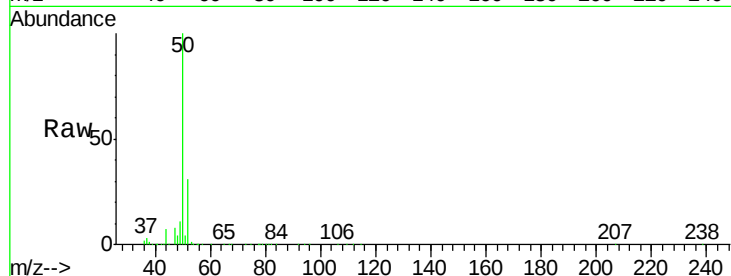
ICVVX062520

Tgt Ion: 50 Resp: 58253

Ion Ratio Lower Upper

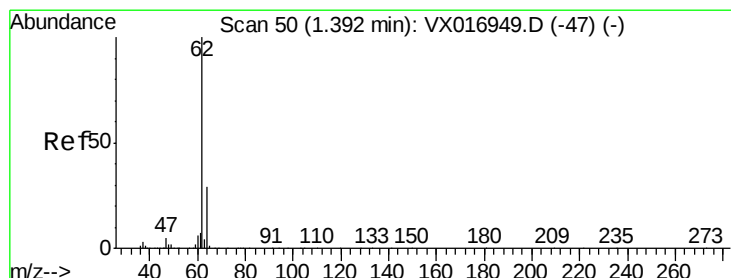
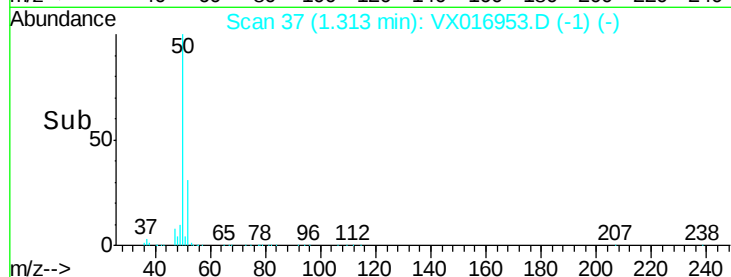
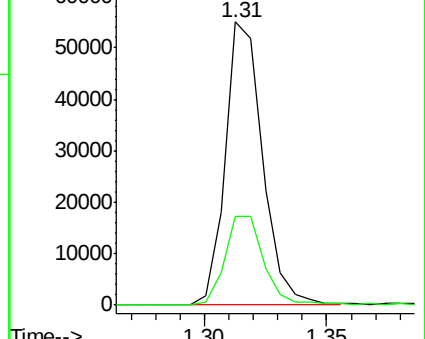
50 100

52 31.1 26.5 39.7



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 19.579 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016953.D

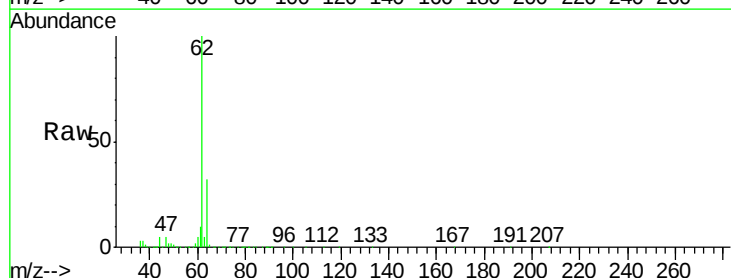
Acq: 25 Jun 2020 14:52

Tgt Ion: 62 Resp: 58593

Ion Ratio Lower Upper

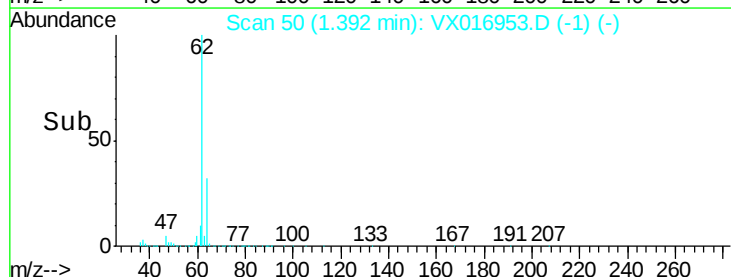
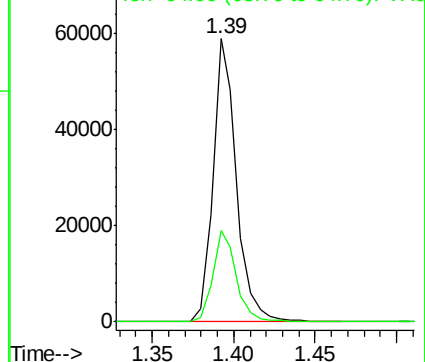
62 100

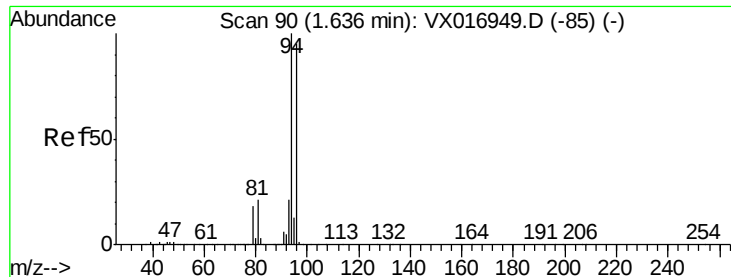
64 31.9 23.4 35.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 21.450 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX016953.D

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Instrument :

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ClientSampleId :

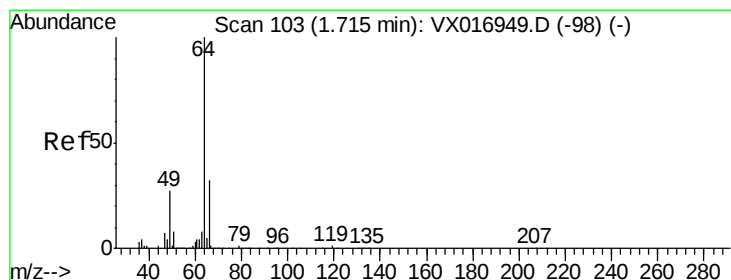
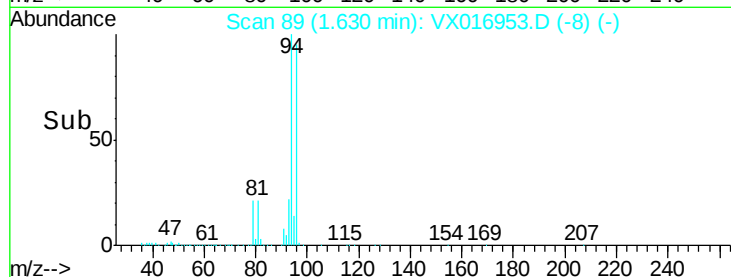
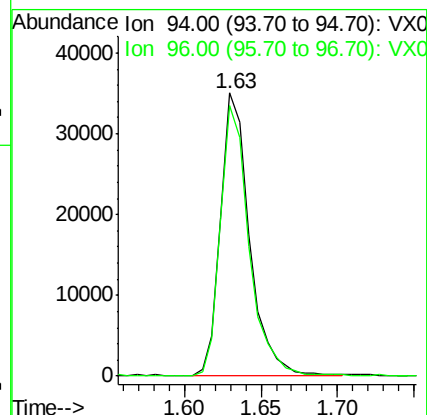
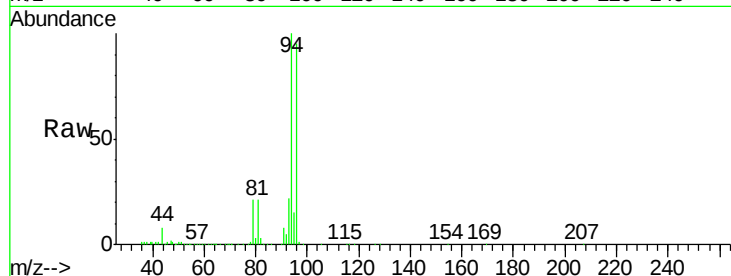
ICVVX062520

Tgt Ion: 94 Resp: 46219

Ion Ratio Lower Upper

94 100

96 95.5 75.5 113.3



#6

Chloroethane

Concen: 19.402 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX016953.D

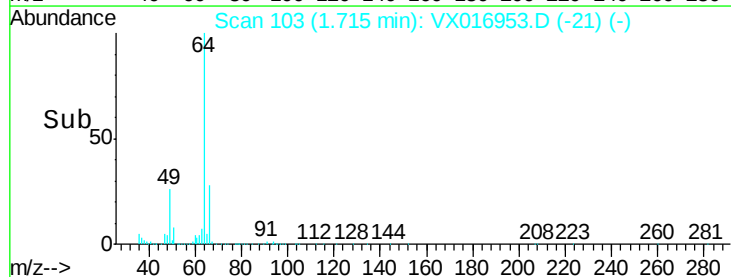
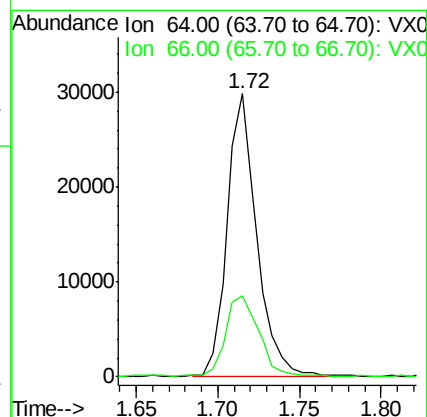
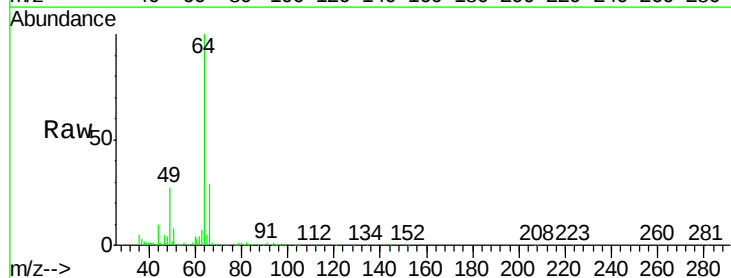
Acq: 25 Jun 2020 14:52

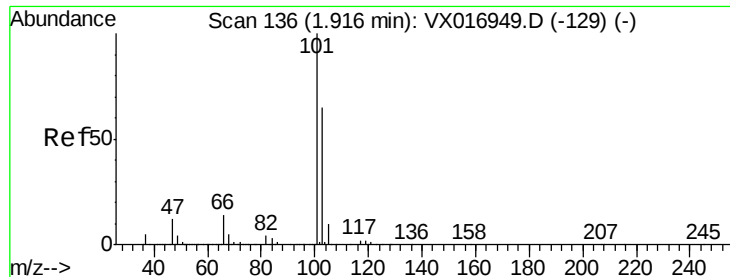
Tgt Ion: 64 Resp: 37448

Ion Ratio Lower Upper

64 100

66 28.5 26.1 39.1



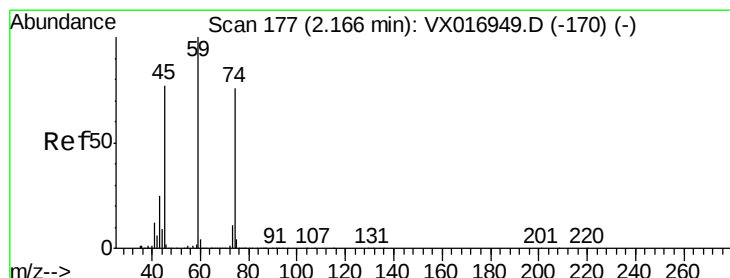
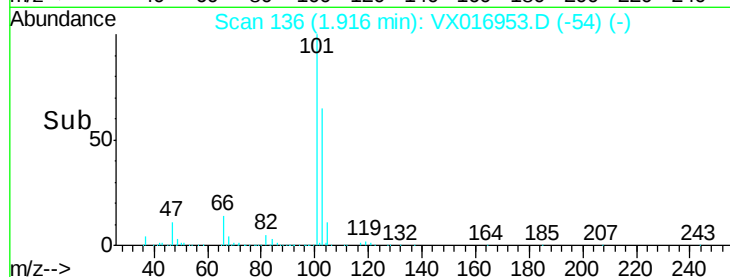
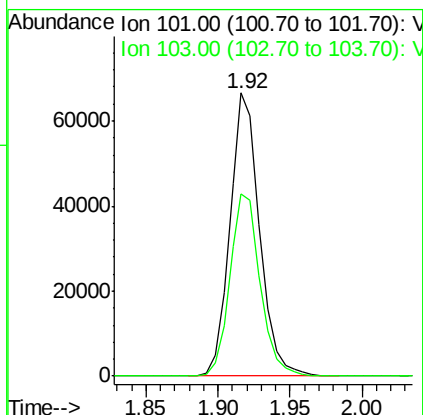
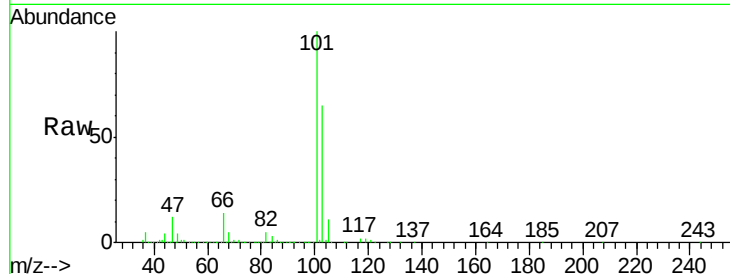


#7

Trichlorofluoromethane
Concen: 19.669 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016953.D
Acq: 25 Jun 2020 14:52

Instrument :
MSVOA_X
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ICVVX062520

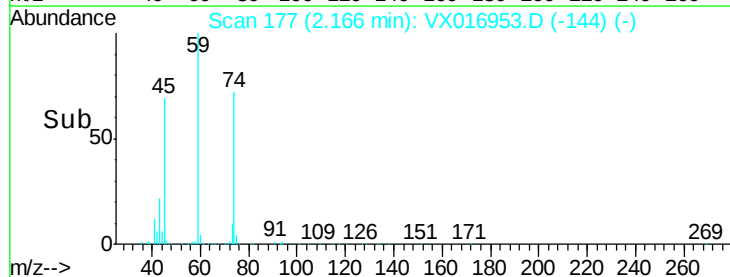
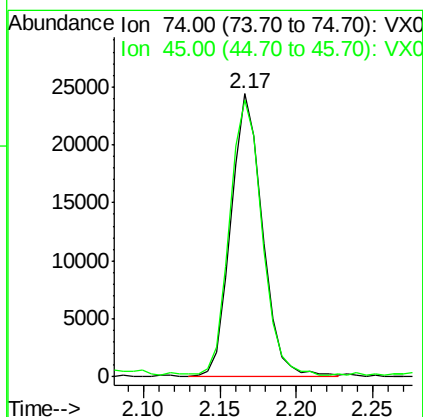
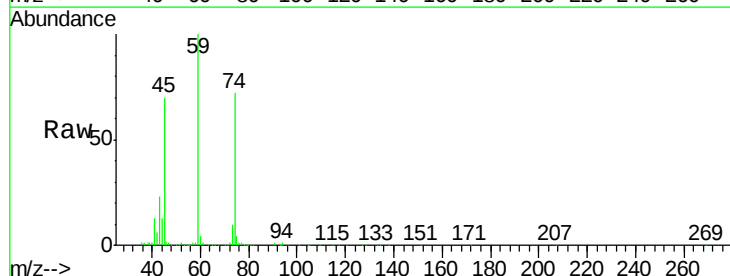
Tgt Ion:101 Resp: 95730
Ion Ratio Lower Upper
101 100
103 64.5 52.1 78.1

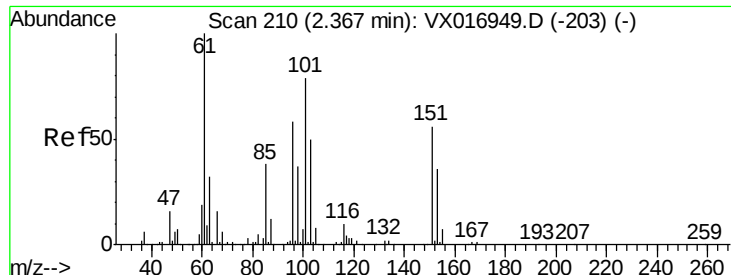


#8

Diethyl Ether
Concen: 19.428 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016953.D
Acq: 25 Jun 2020 14:52

Tgt Ion: 74 Resp: 34406
Ion Ratio Lower Upper
74 100
45 100.1 19.8 178.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.928 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062520

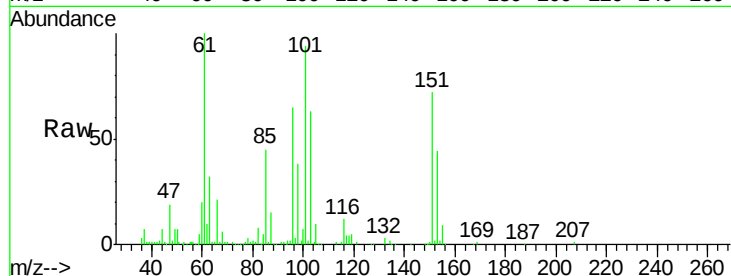
Tgt Ion:101 Resp: 51474

Ion Ratio Lower Upper

101 100

85 47.8 0.0 94.6

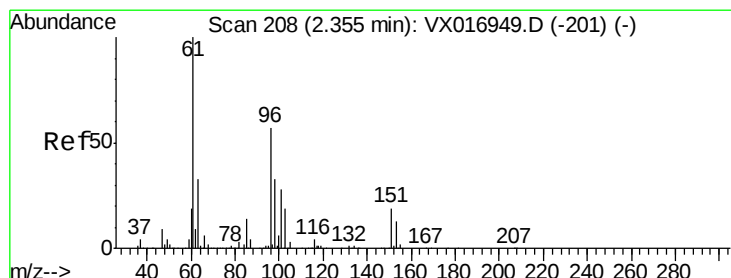
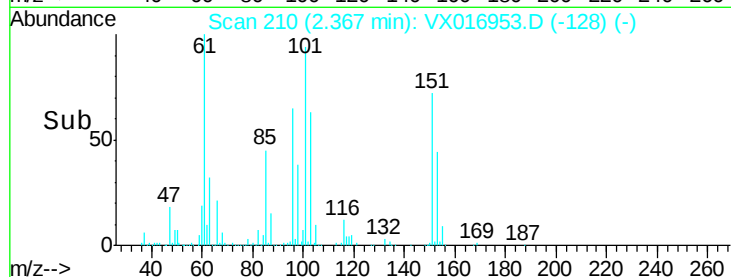
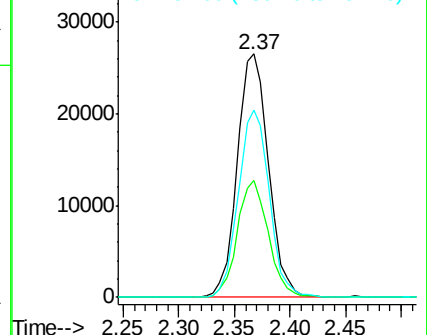
151 76.5 0.0 145.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.757 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

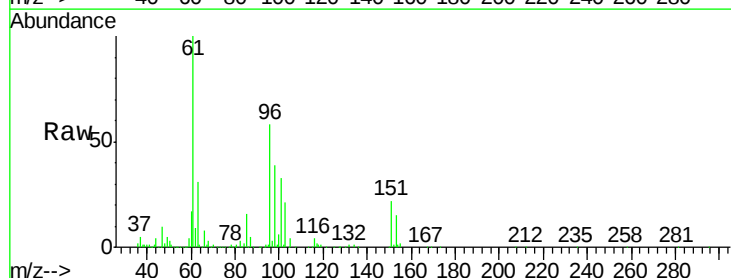
Tgt Ion: 96 Resp: 50332

Ion Ratio Lower Upper

96 100

61 172.0 141.3 211.9

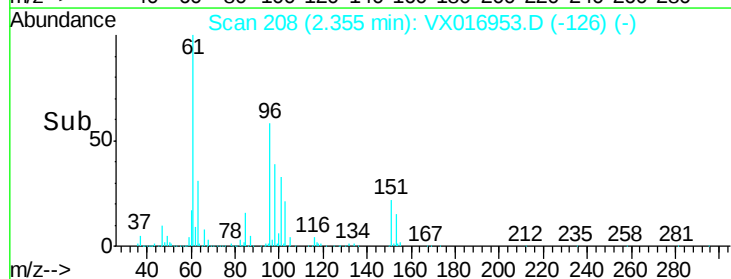
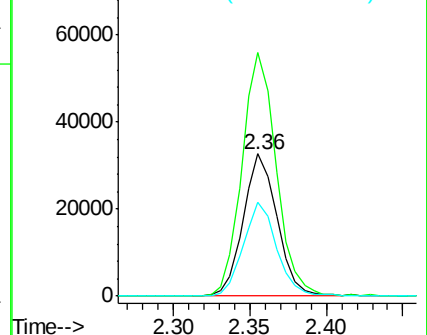
98 66.2 47.0 70.4

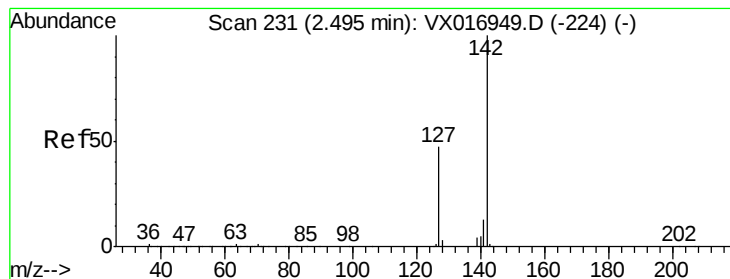


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methyl Iodide

Concen: 18.074 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062520

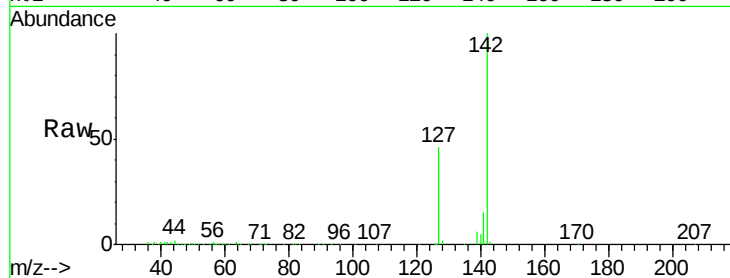
Tgt Ion:142 Resp: 61478

Ion Ratio Lower Upper

142 100

127 46.1 23.3 69.9

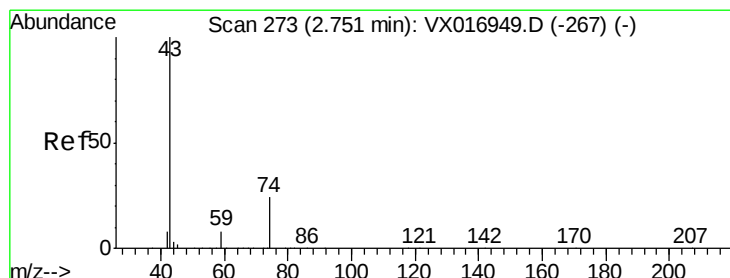
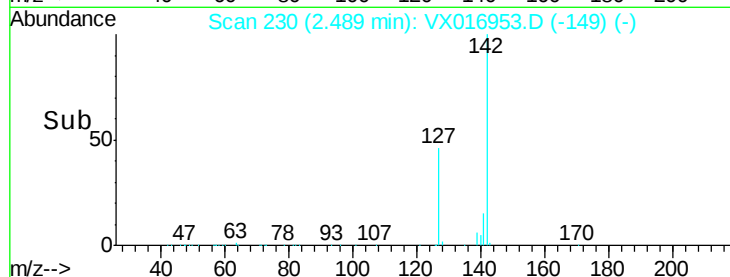
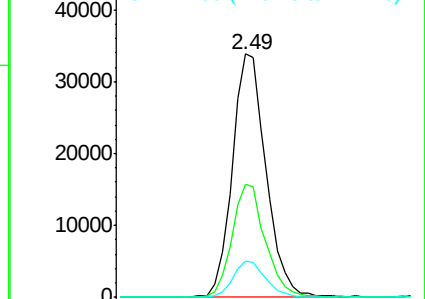
141 15.0 6.7 20.1



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 18.021 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016953.D

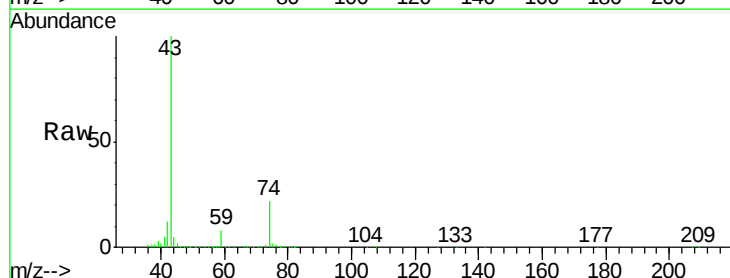
Acq: 25 Jun 2020 14:52

Tgt Ion: 43 Resp: 57910

Ion Ratio Lower Upper

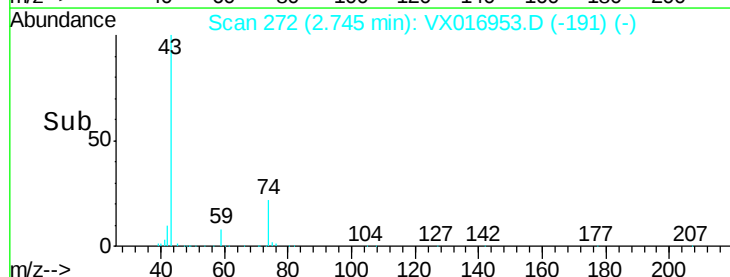
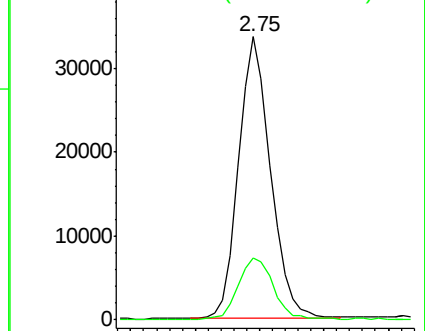
43 100

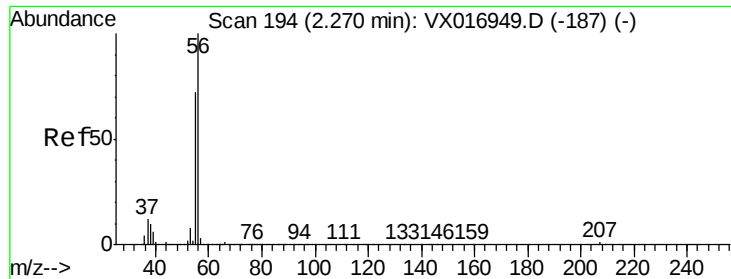
74 21.9 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

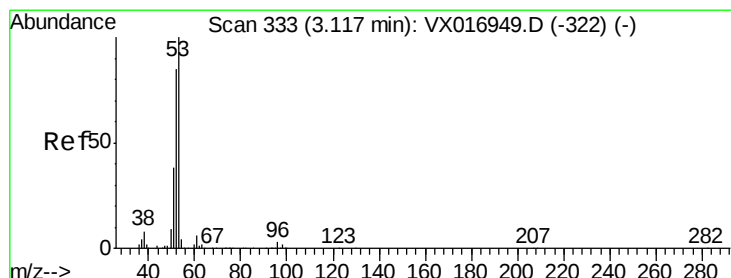
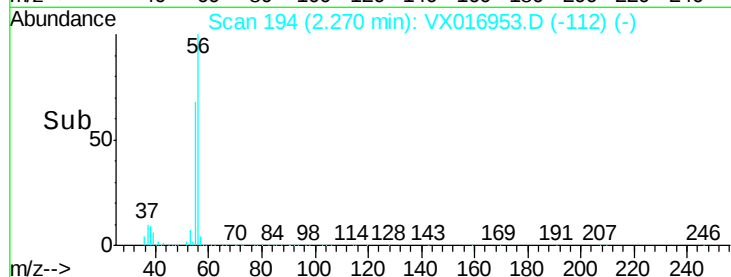
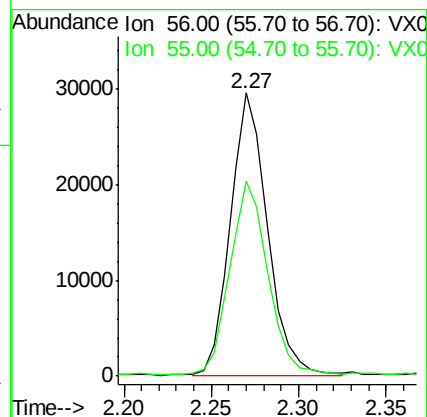
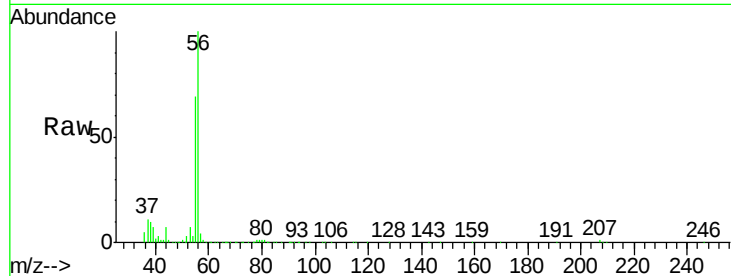




#13
 Acrolein
 Concen: 86.115 ug/l
 RT: 2.27 min Scan# 194
 Delta R.T. 0.00 min
 Lab File: VX016953.D
 Acq: 25 Jun 2020 14:52

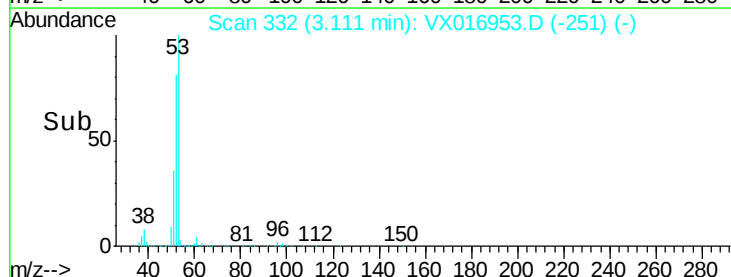
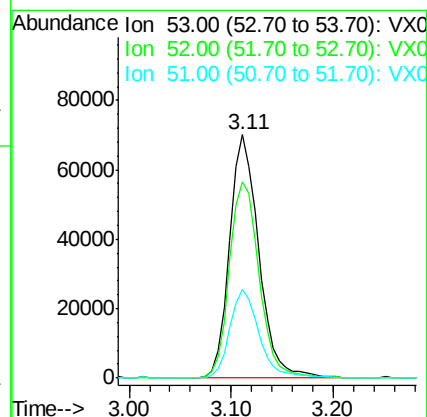
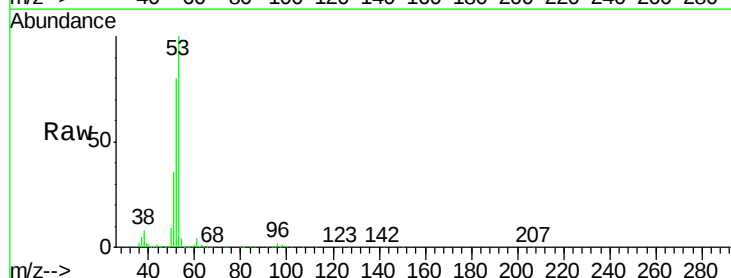
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062520

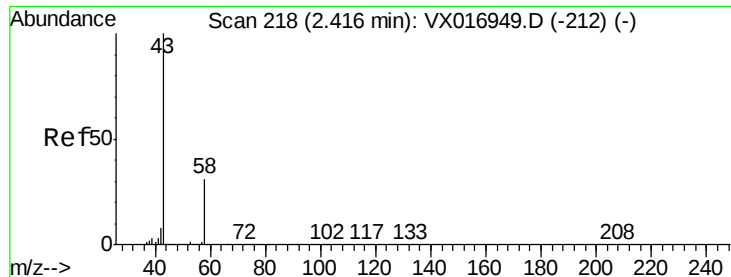
Tgt Ion: 56 Resp: 43666
 Ion Ratio Lower Upper
 56 100
 55 70.4 56.2 84.4



#14
 Acrylonitrile
 Concen: 91.451 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016953.D
 Acq: 25 Jun 2020 14:52

Tgt Ion: 53 Resp: 139188
 Ion Ratio Lower Upper
 53 100
 52 82.1 40.6 121.8
 51 36.9 18.4 55.4





#15

Acetone

Concen: 86.263 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

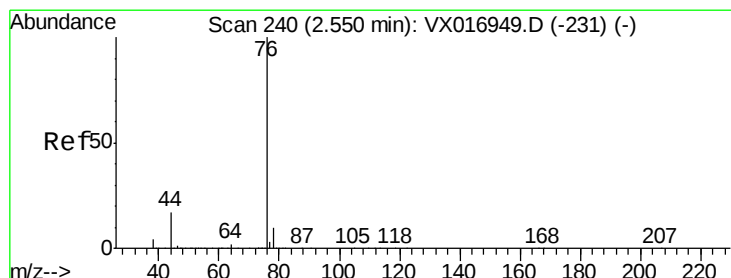
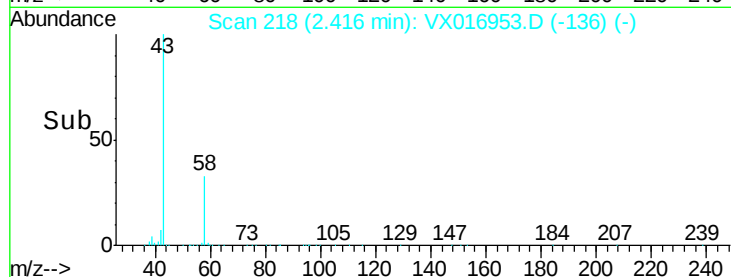
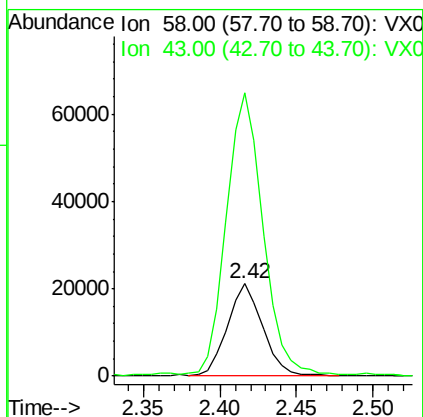
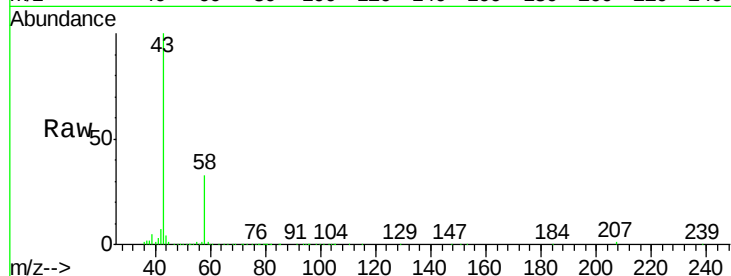
ICVVX062520

Tgt Ion: 58 Resp: 33977

Ion Ratio Lower Upper

58 100

43 306.9 257.6 386.4



#16

Carbon Disulfide

Concen: 20.353 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016953.D

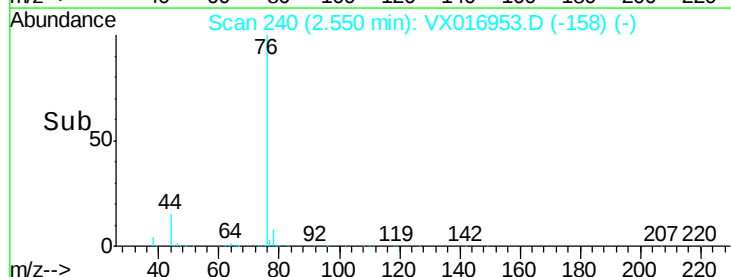
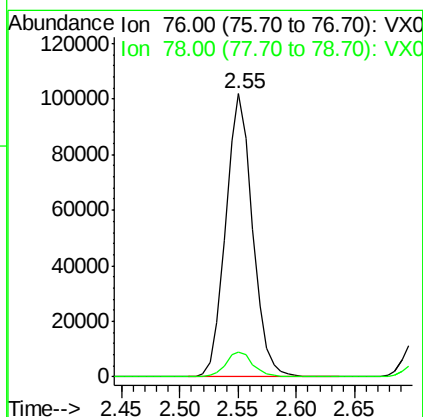
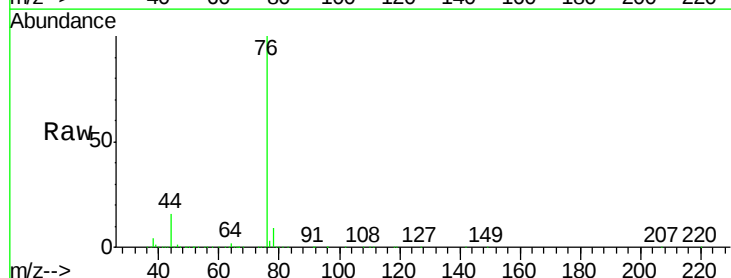
Acq: 25 Jun 2020 14:52

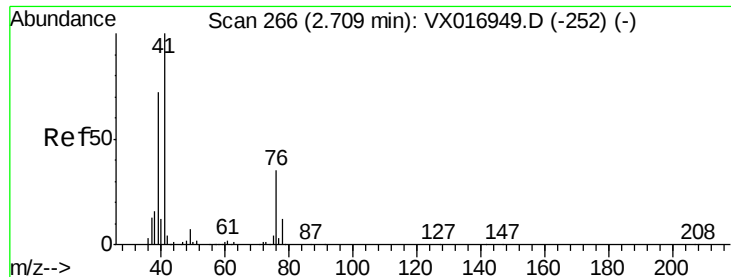
Tgt Ion: 76 Resp: 163000

Ion Ratio Lower Upper

76 100

78 8.6 7.6 11.4





#17

Allyl chloride

Concen: 19.488 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampled :

ICVVX062520

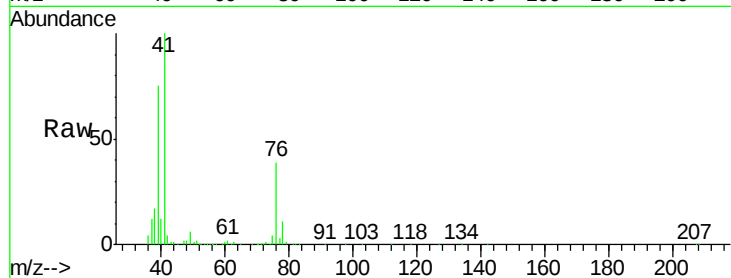
Tgt Ion: 41 Resp: 92940

Ion Ratio Lower Upper

41 100

39 74.6 35.9 107.8

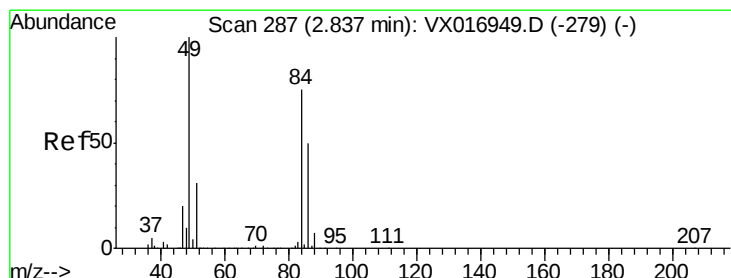
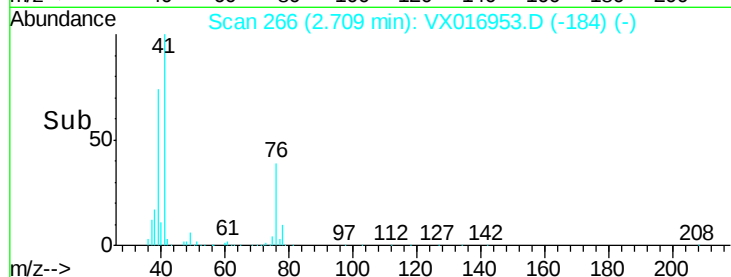
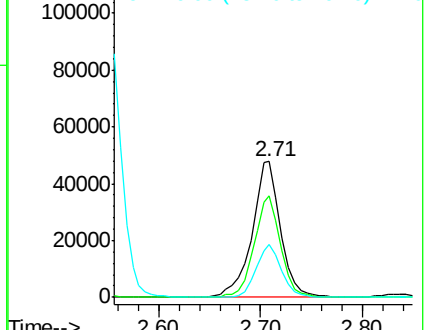
76 39.1 17.6 52.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 19.300 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Tgt Ion: 84 Resp: 59222

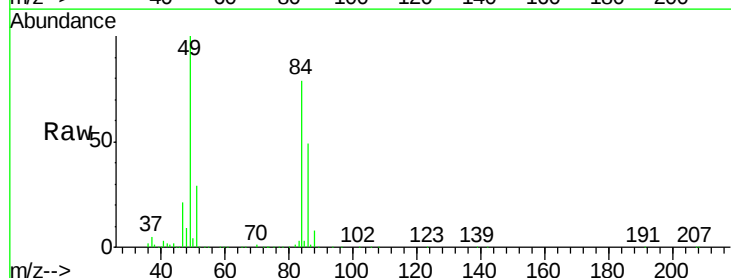
Ion Ratio Lower Upper

84 100

49 126.8 106.6 159.8

51 36.0 32.7 49.1

86 61.7 53.0 79.6

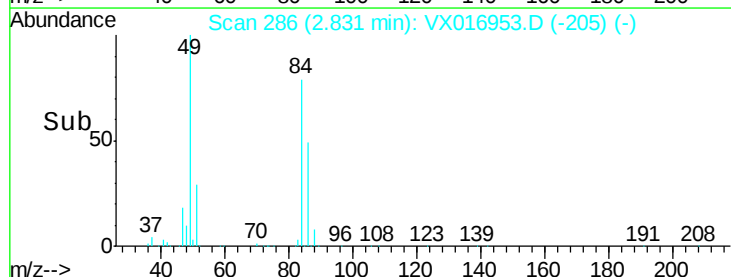
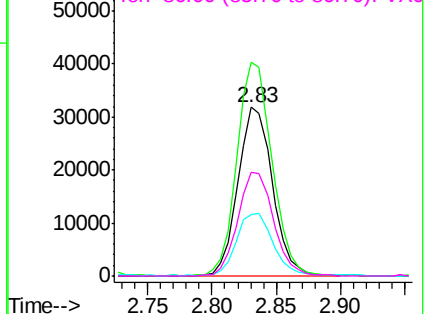


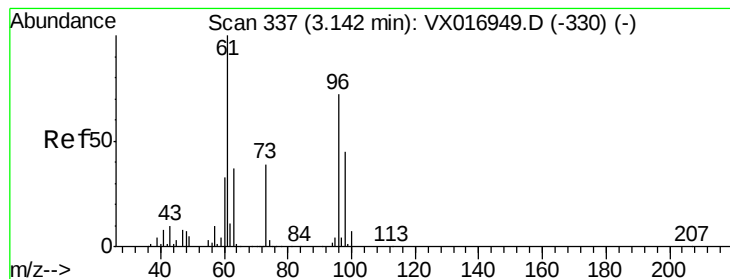
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#19

trans-1,2-Dichloroethene

Concen: 20.125 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062520

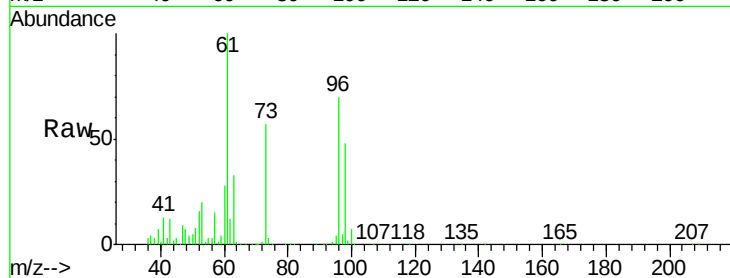
Tgt Ion: 96 Resp: 58090

Ion Ratio Lower Upper

96 100

61 142.0 110.6 165.8

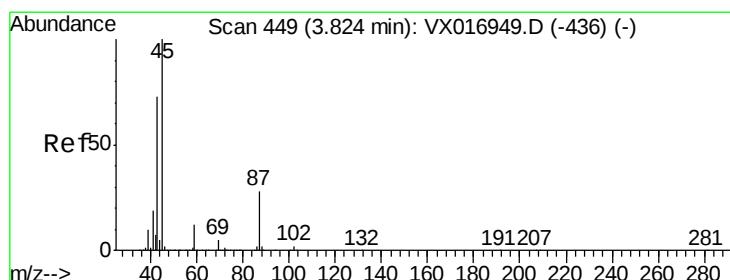
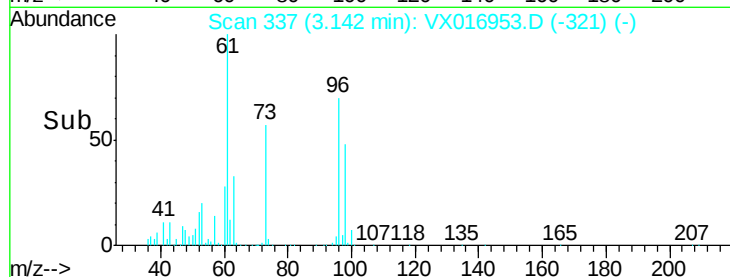
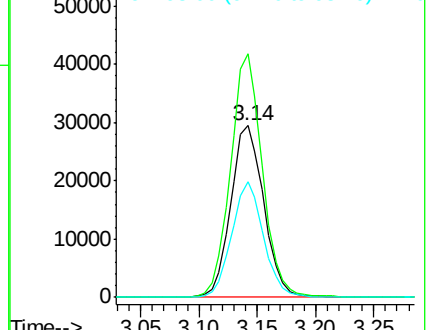
98 67.5 49.8 74.6



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 19.155 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Tgt Ion: 45 Resp: 182569

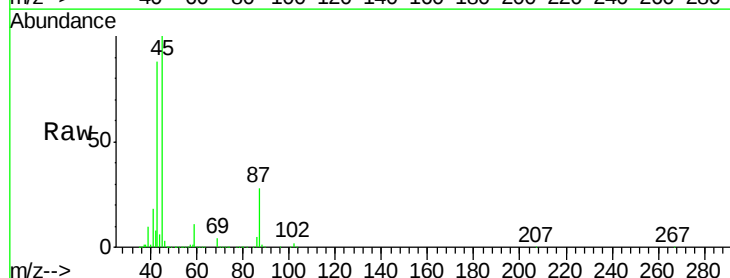
Ion Ratio Lower Upper

45 100

43 87.4 63.9 95.9

87 28.0 22.2 33.4

59 10.8 9.8 14.6

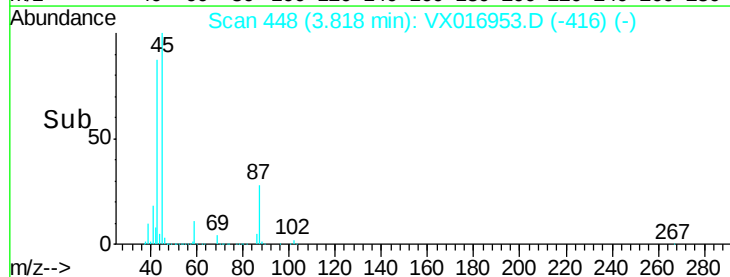
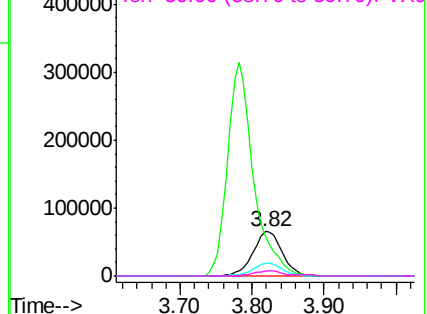


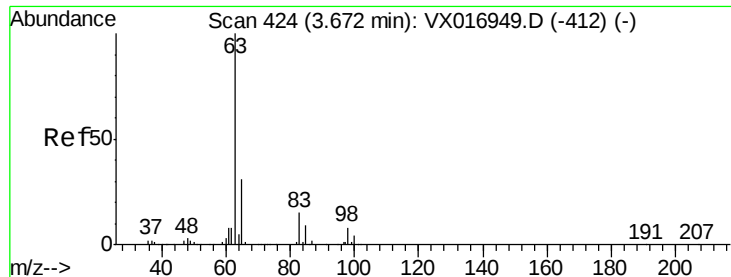
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#21

1,1-Dichloroethane

Concen: 19.329 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062520

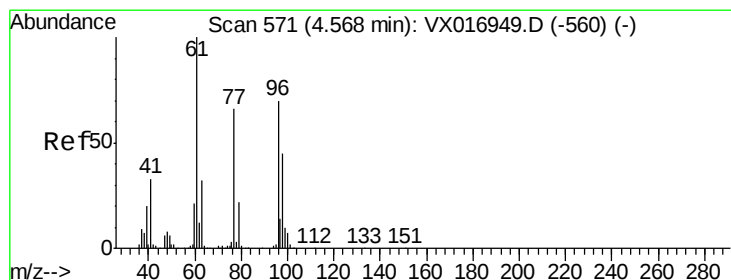
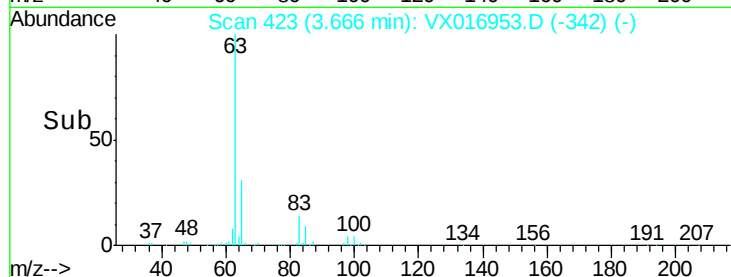
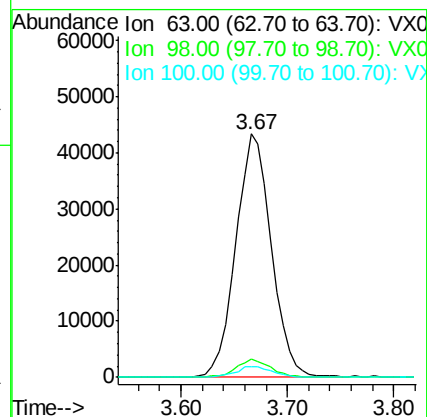
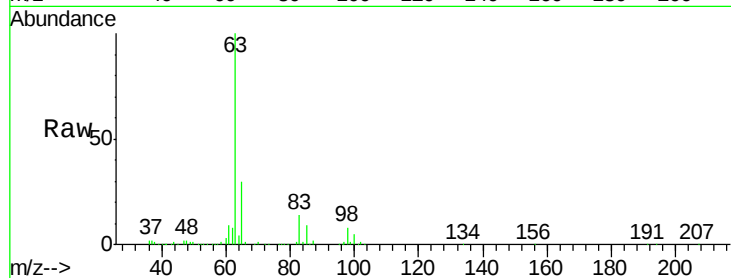
Tgt Ion: 63 Resp: 101583

Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.4

100 4.6 2.2 6.6



#22

cis-1,2-Dichloroethene

Concen: 19.770 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.01 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

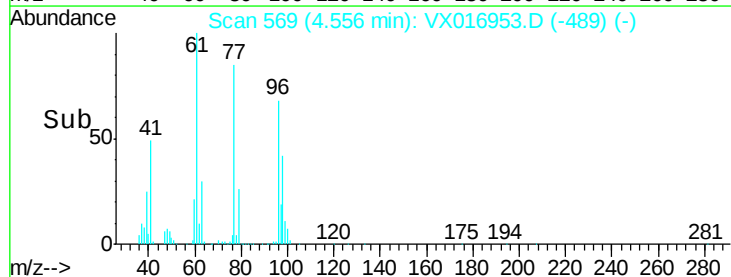
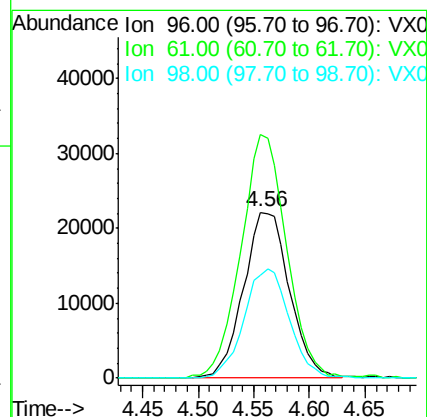
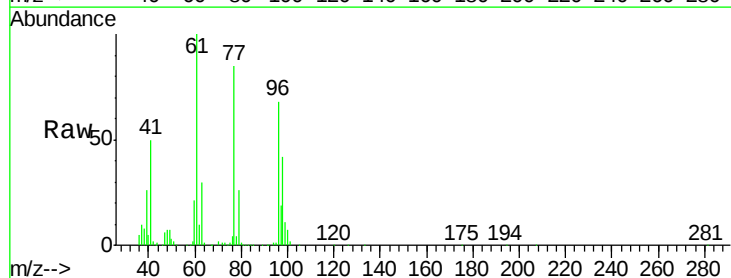
Tgt Ion: 96 Resp: 63534

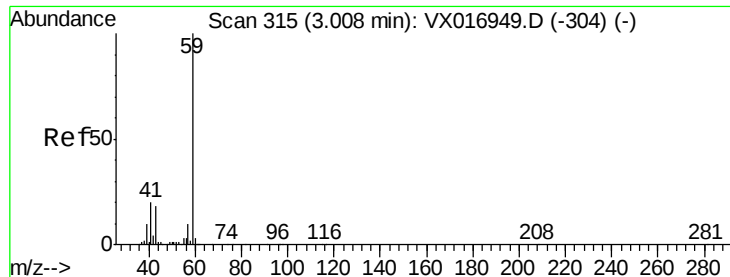
Ion Ratio Lower Upper

96 100

61 145.4 120.8 181.2

98 65.3 51.7 77.5





#23

tert-Butyl Alcohol

Concen: 90.184 ug/l

RT: 3.01 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

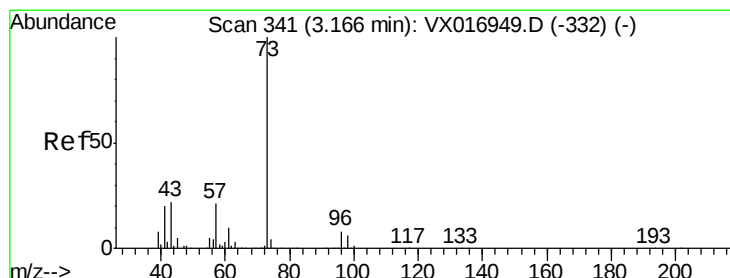
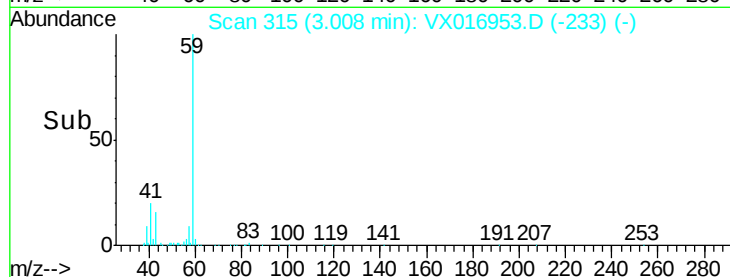
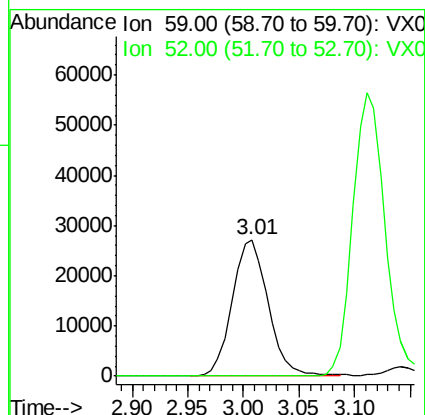
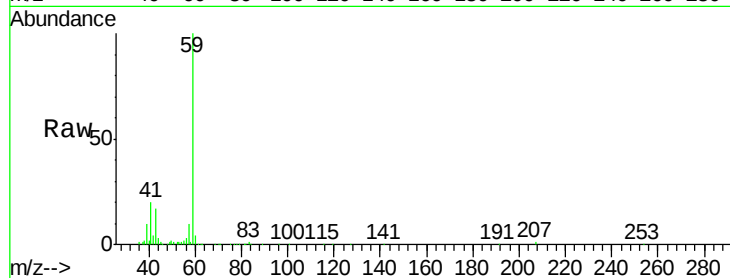
ICVVX062520

Tgt Ion: 59 Resp: 60802

Ion Ratio Lower Upper

59 100

52 0.2 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 19.341 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX016953.D

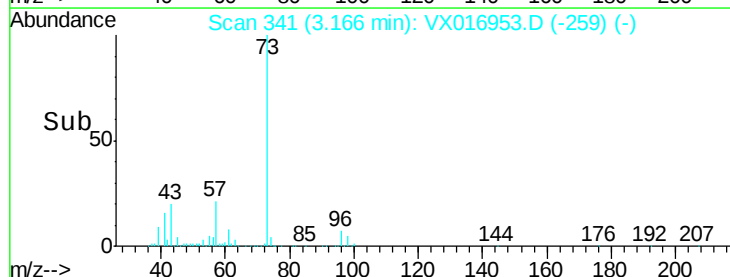
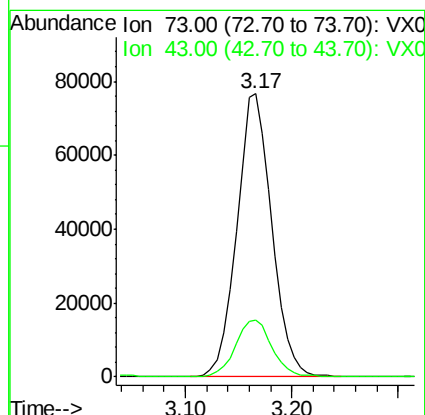
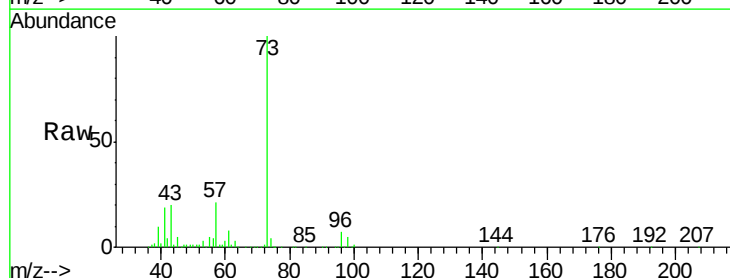
Acq: 25 Jun 2020 14:52

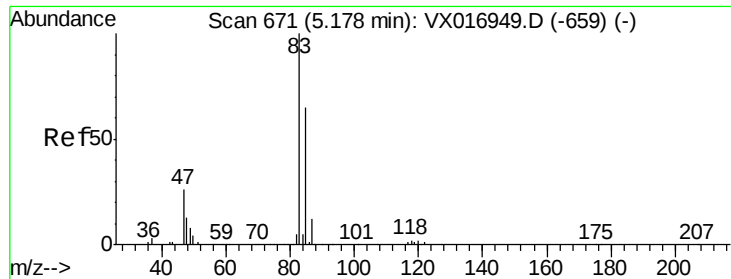
Tgt Ion: 73 Resp: 175938

Ion Ratio Lower Upper

73 100

43 21.0 17.2 25.8

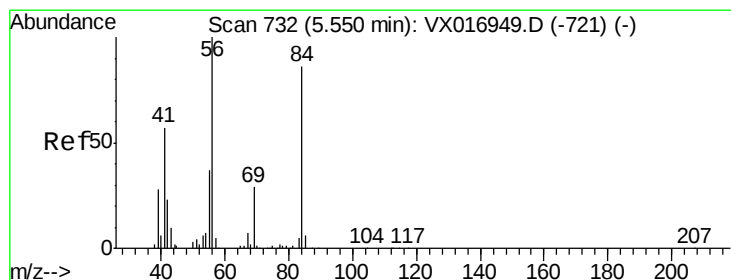
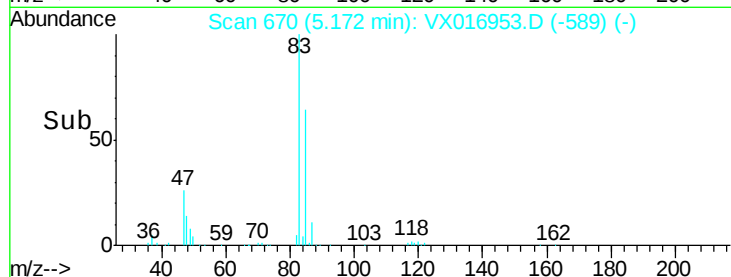
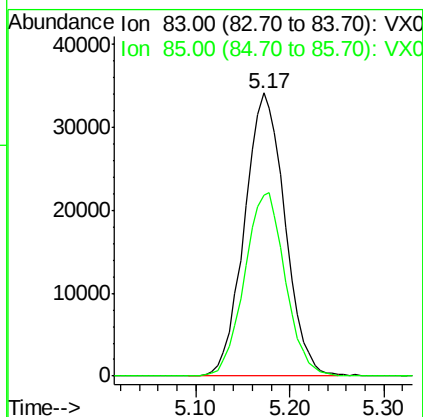
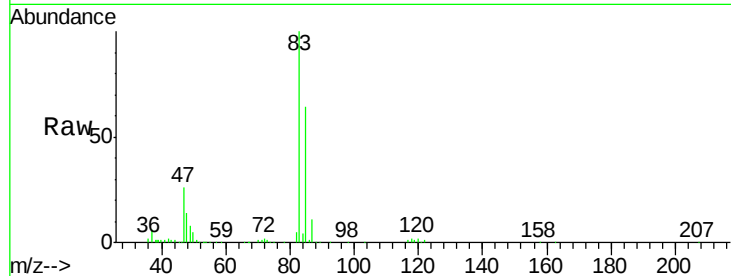




#25
Chloroform
Concen: 19.297 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016953.D
Acq: 25 Jun 2020 14:52

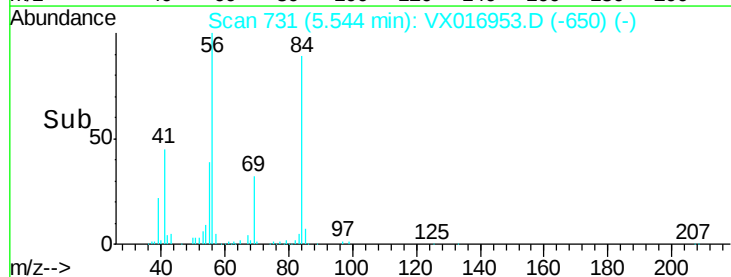
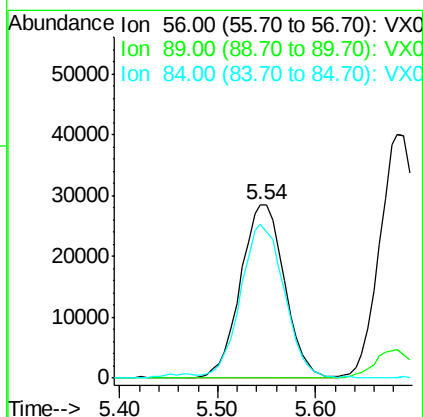
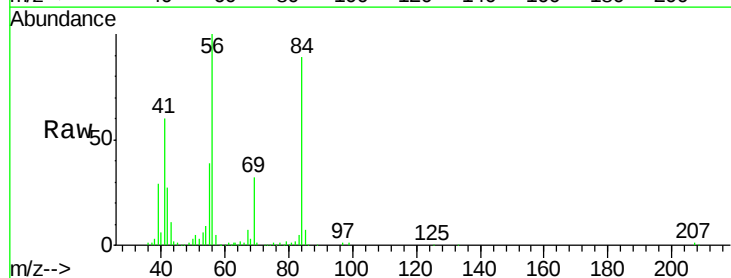
Instrument :
MSVOA_X
ClientSampleId :
ICVVX062520

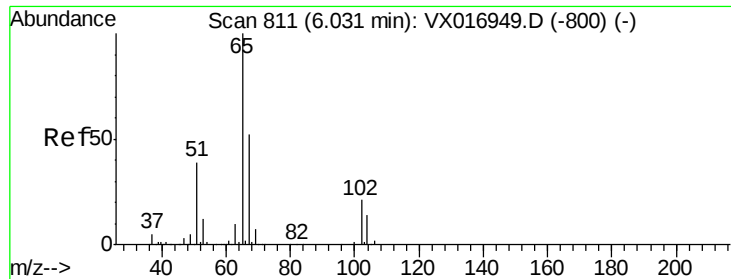
Tgt Ion: 83 Resp: 102822
Ion Ratio Lower Upper
83 100
85 64.1 52.1 78.1



#26
Cyclohexane
Concen: 19.366 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016953.D
Acq: 25 Jun 2020 14:52

Tgt Ion: 56 Resp: 88781
Ion Ratio Lower Upper
56 100
89 0.1 0.0 0.0#
84 88.6 69.0 103.6

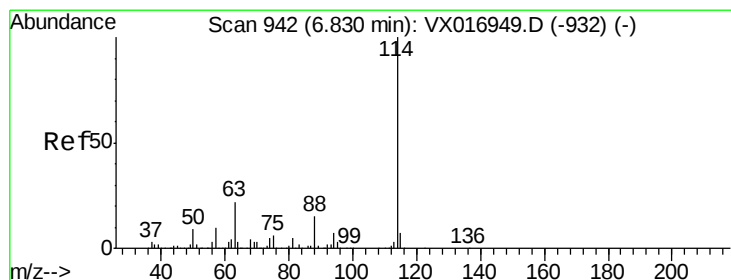
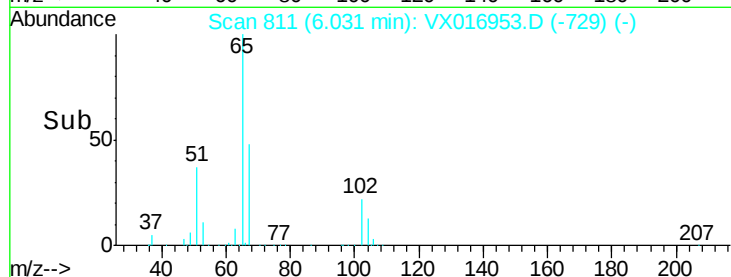
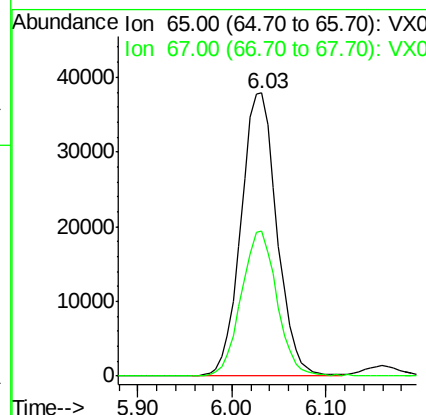
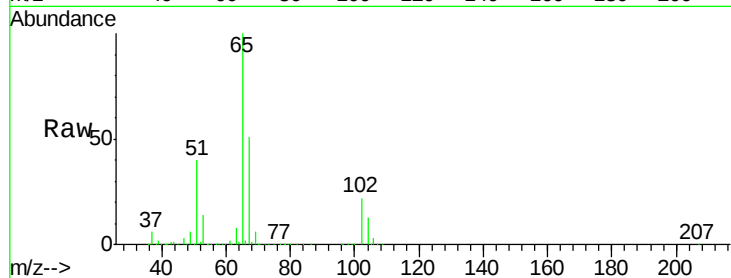




#27
 1,2-Dichloroethane-d4
 Concen: 29.083 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016953.D
 Acq: 25 Jun 2020 14:52

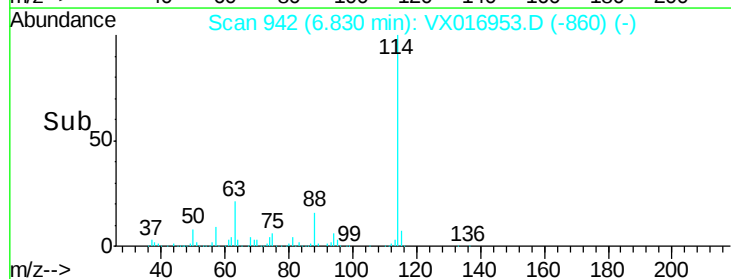
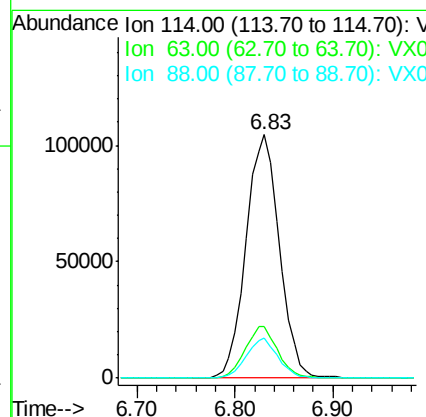
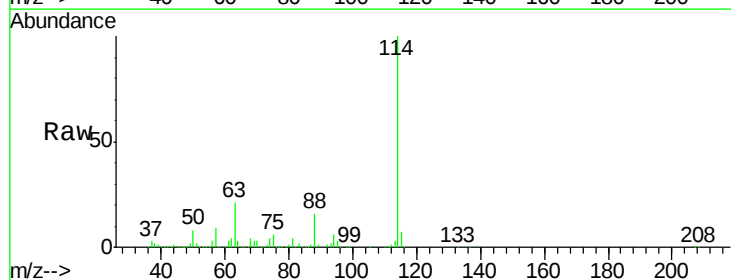
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062520

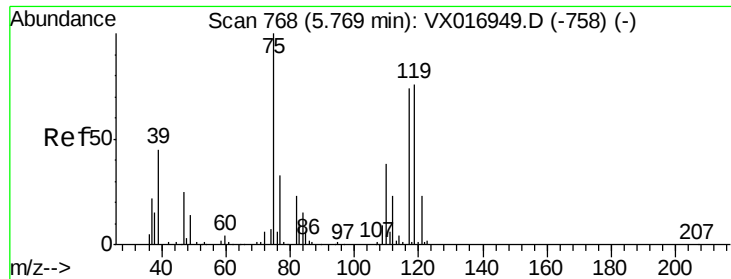
Tgt Ion: 65 Resp: 100735
 Ion Ratio Lower Upper
 65 100
 67 51.2 41.5 62.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016953.D
 Acq: 25 Jun 2020 14:52

Tgt Ion: 114 Resp: 247602
 Ion Ratio Lower Upper
 114 100
 63 20.7 17.4 26.2
 88 15.6 13.0 19.6





#29

1,1-Dichloropropene

Concen: 19.502 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062520

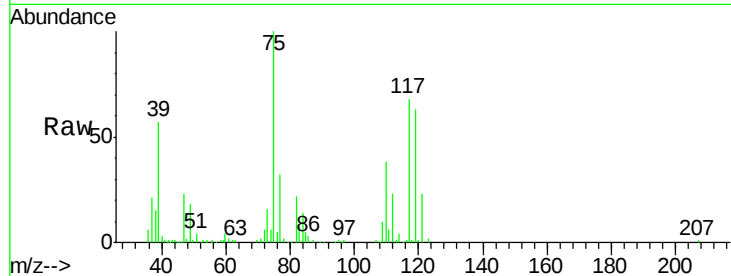
Tgt Ion: 75 Resp: 78663

Ion Ratio Lower Upper

75 100

110 36.6 0.0 71.6

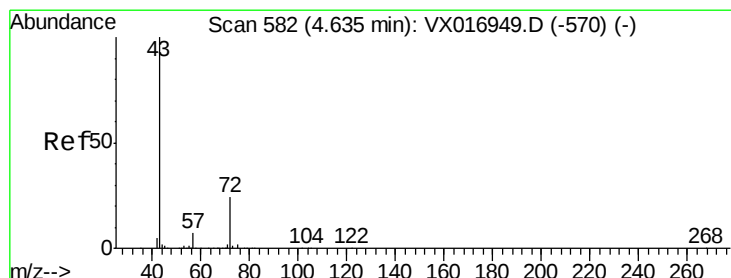
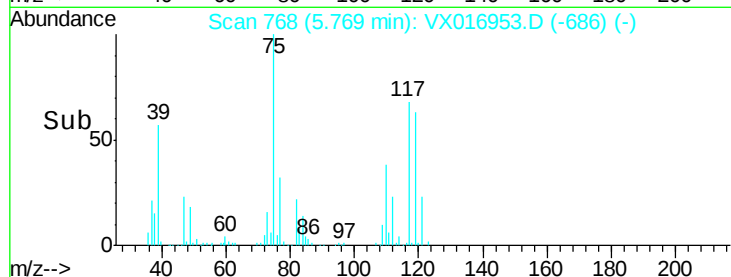
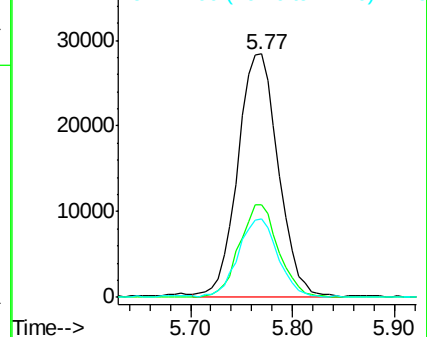
77 31.6 0.0 64.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 86.985 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

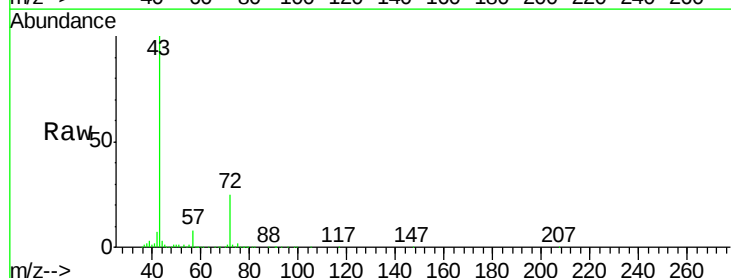
Tgt Ion: 43 Resp: 182882

Ion Ratio Lower Upper

43 100

57 8.0 6.2 9.4

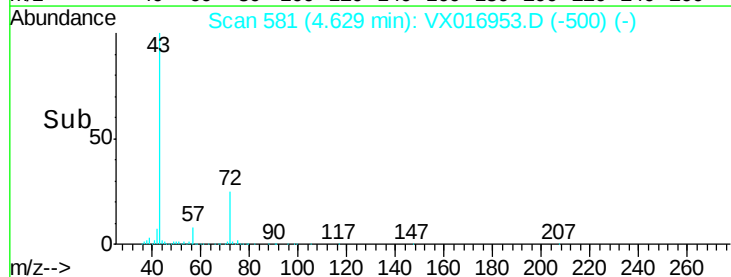
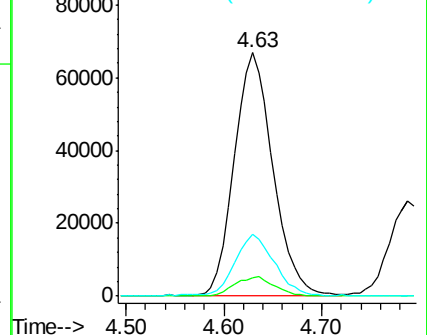
72 25.6 20.6 31.0

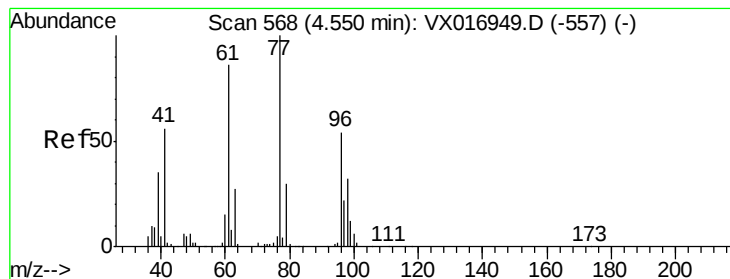


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 19.741 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

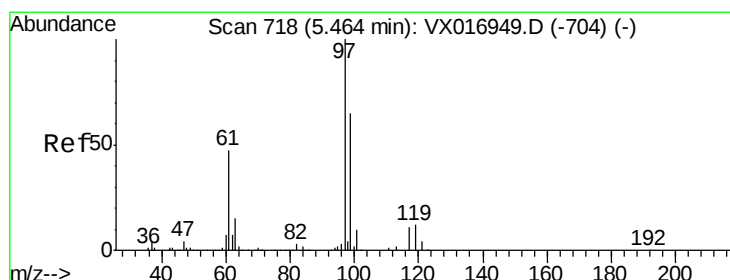
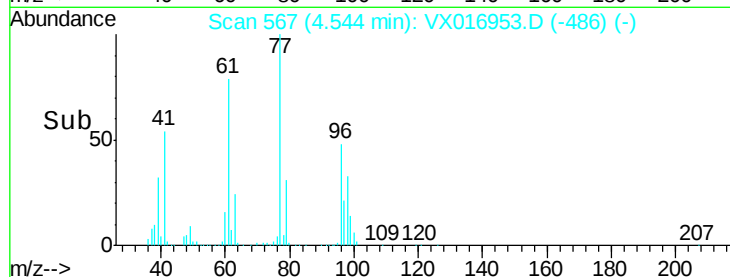
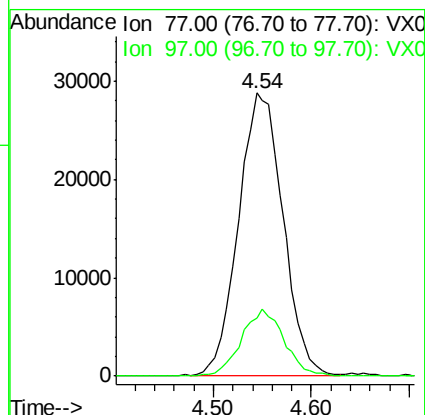
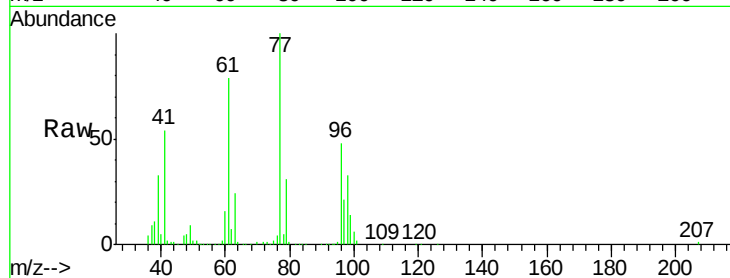
ICVVX062520

Tgt Ion: 77 Resp: 91320

Ion Ratio Lower Upper

77 100

97 22.4 18.5 27.7



#32

1,1,1-Trichloroethane

Concen: 19.058 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

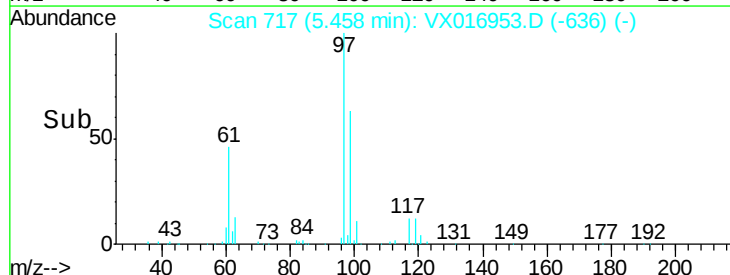
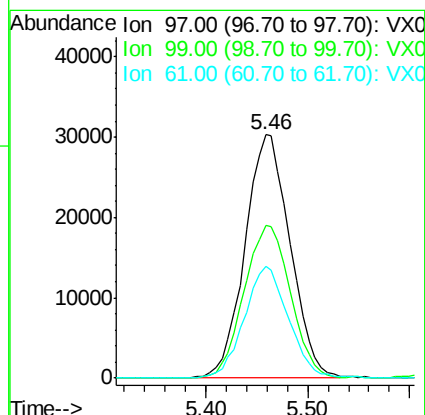
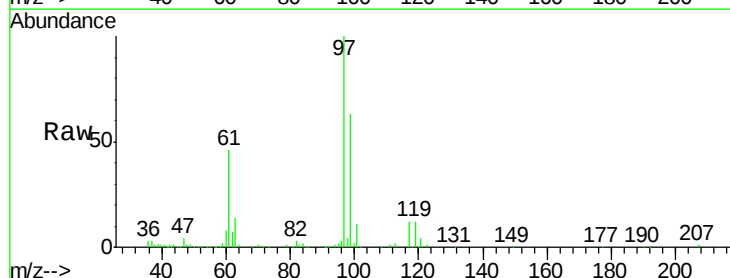
Tgt Ion: 97 Resp: 93015

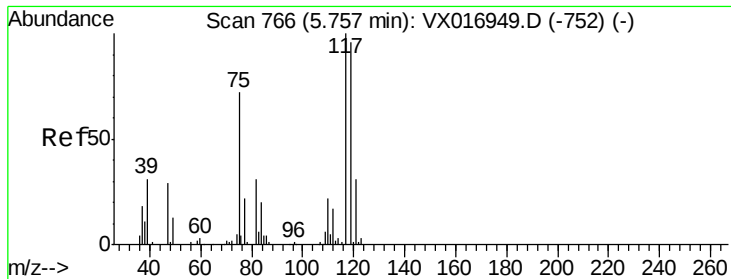
Ion Ratio Lower Upper

97 100

99 64.6 52.2 78.2

61 44.9 36.9 55.3





#33

Carbon Tetrachloride

Concen: 19.335 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062520

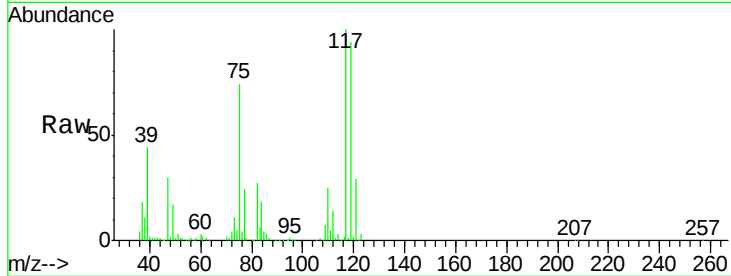
Tgt Ion:117 Resp: 83687

Ion Ratio Lower Upper

117 100

119 93.8 77.0 115.4

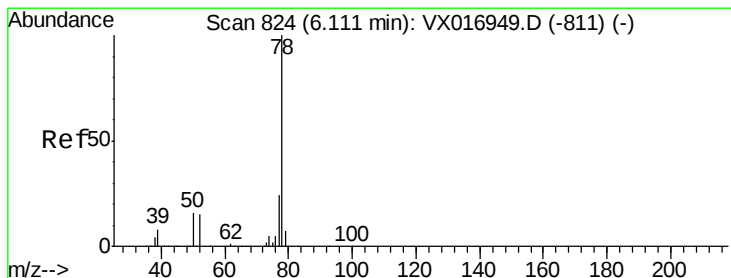
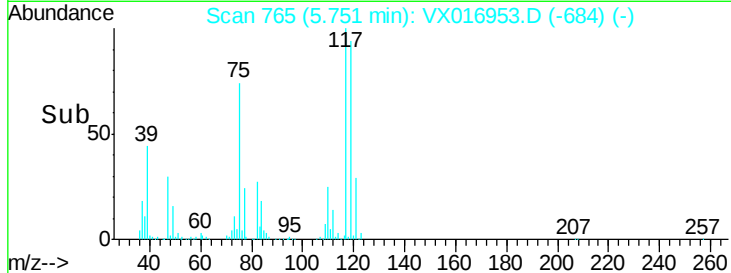
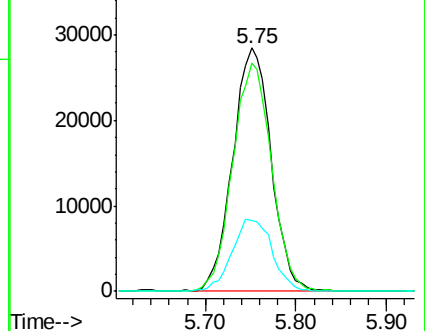
121 29.4 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.231 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

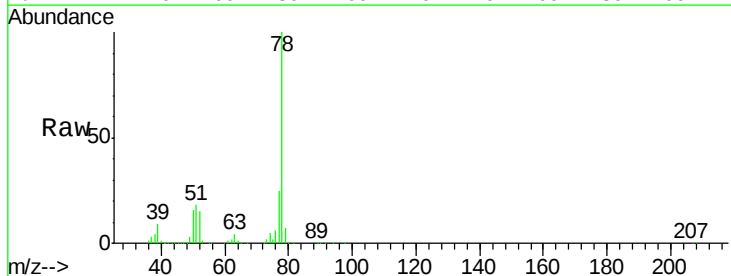
Tgt Ion: 78 Resp: 225859

Ion Ratio Lower Upper

78 100

77 24.6 19.0 28.6

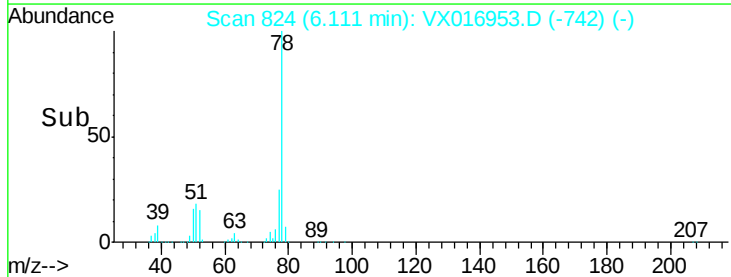
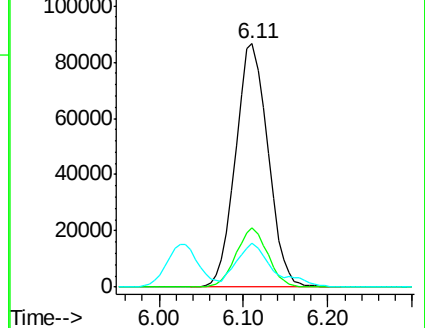
51 17.5 12.8 19.2

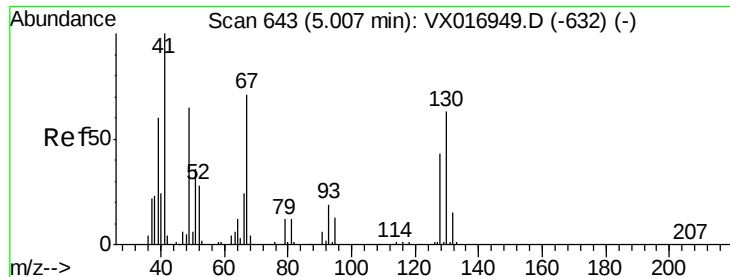


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

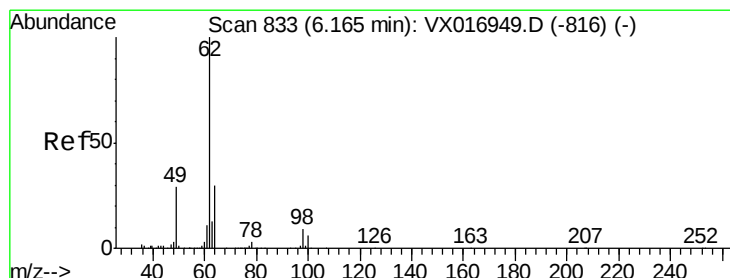
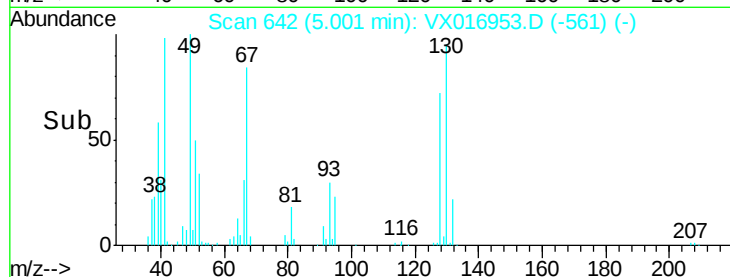
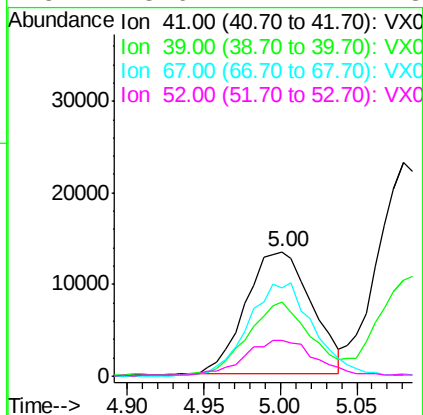
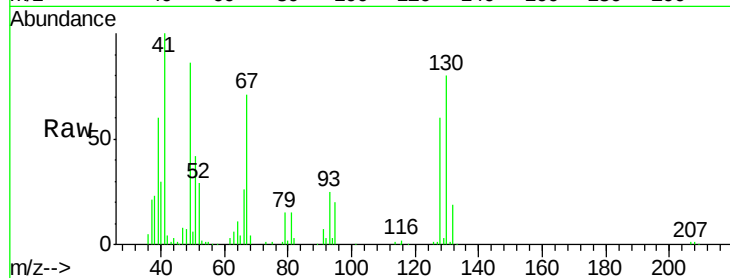




#35
Methacrylonitrile
Concen: 17.247 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016953.D
Acq: 25 Jun 2020 14:52

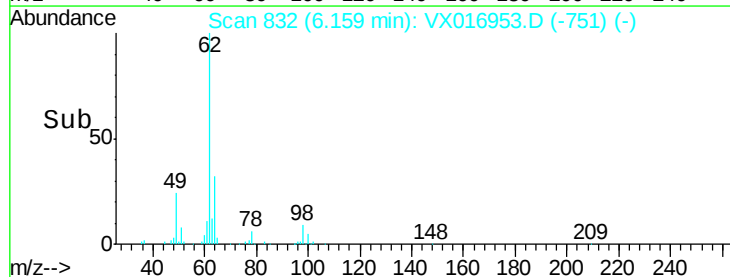
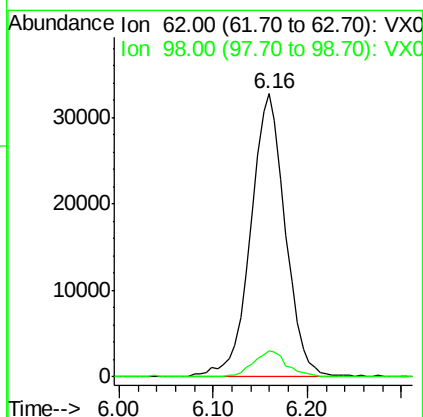
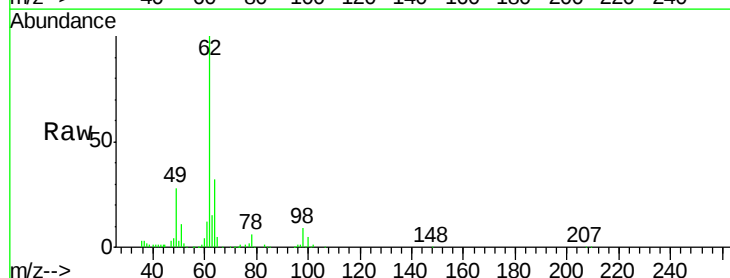
Instrument :
MSVOA_X
ClientSampleId :
ICVVX062520

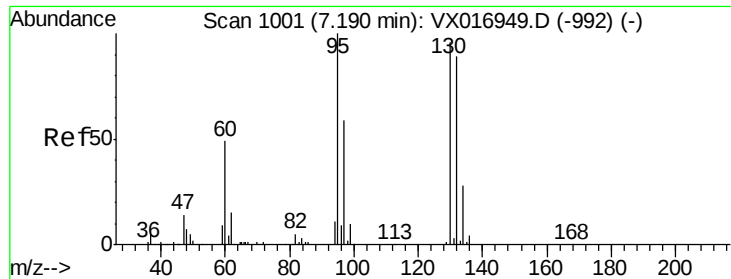
Tgt Ion:	41	Resp:	40018
Ion	Ratio	Lower	Upper
41	100		
39	58.7	29.8	89.5
67	71.5	35.3	105.9
52	28.6	14.1	42.3



#36
1,2-Dichloroethane
Concen: 18.796 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016953.D
Acq: 25 Jun 2020 14:52

Tgt Ion:	62	Resp:	84547
Ion	Ratio	Lower	Upper
62	100		
98	9.0	7.6	11.4

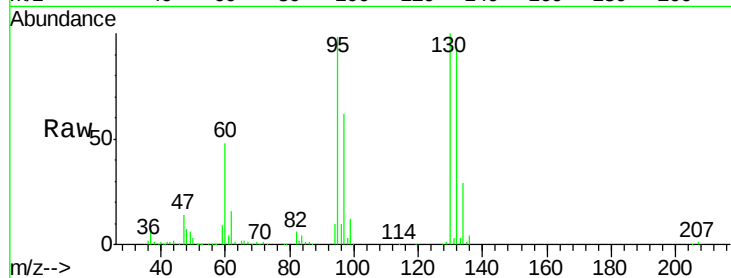




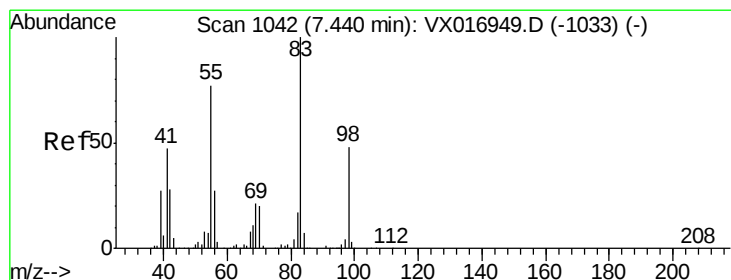
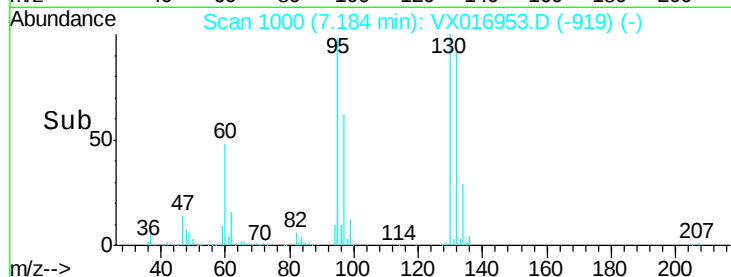
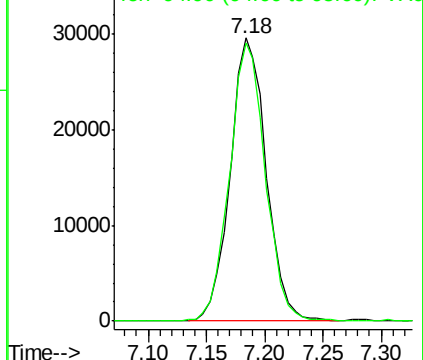
#37
 Trichloroethene
 Concen: 19.828 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX016953.D
 Acq: 25 Jun 2020 14:52

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062520

Tgt Ion:130 Resp: 63545
 Ion Ratio Lower Upper
 130 100
 95 98.1 83.1 124.7

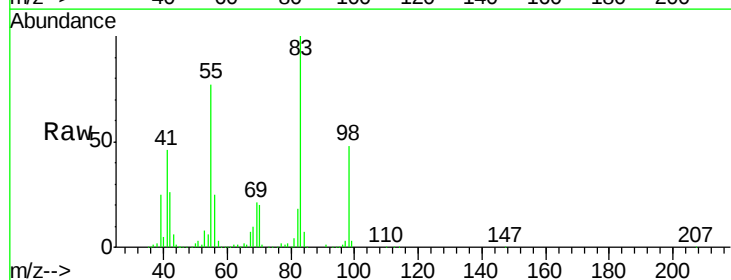


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

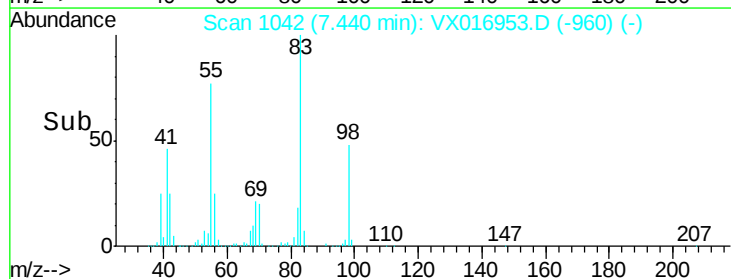
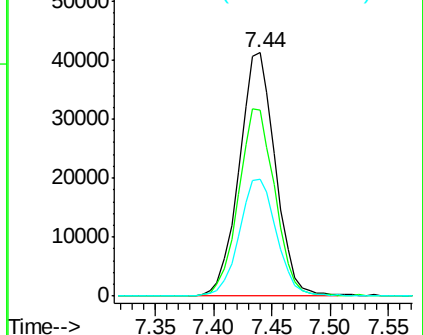


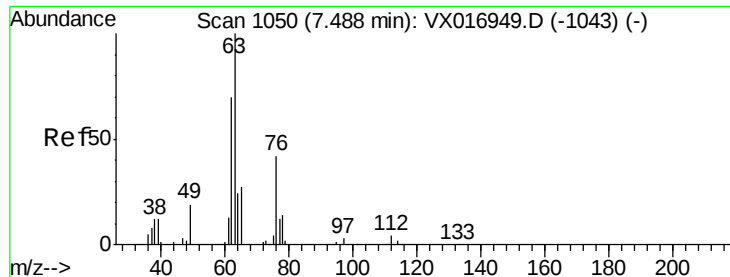
#38
 Methylcyclohexane
 Concen: 19.541 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX016953.D
 Acq: 25 Jun 2020 14:52

Tgt Ion: 83 Resp: 89761
 Ion Ratio Lower Upper
 83 100
 55 77.4 38.1 114.5
 98 49.5 24.6 73.6



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





#39

1,2-Dichloropropane

Concen: 18.568 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

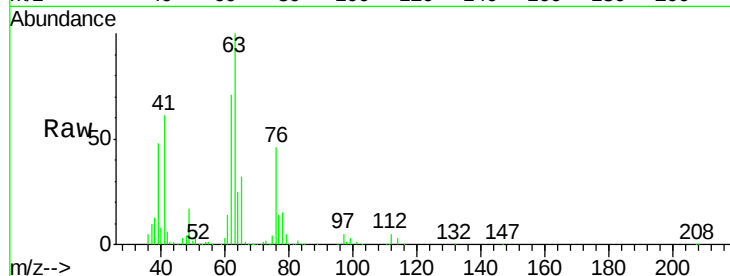
ICVVX062520

Tgt Ion: 63 Resp: 56815

Ion Ratio Lower Upper

63 100

65 31.3 22.8 34.2



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

7.49

30000

25000

20000

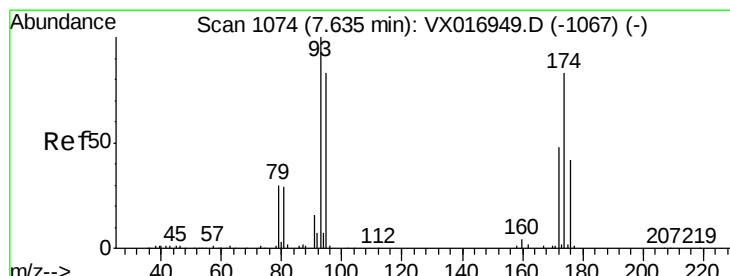
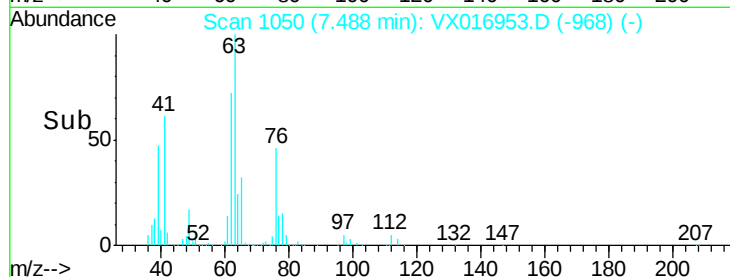
15000

10000

5000

0

Time--> 7.40 7.45 7.50 7.55



#40

Dibromomethane

Concen: 18.725 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

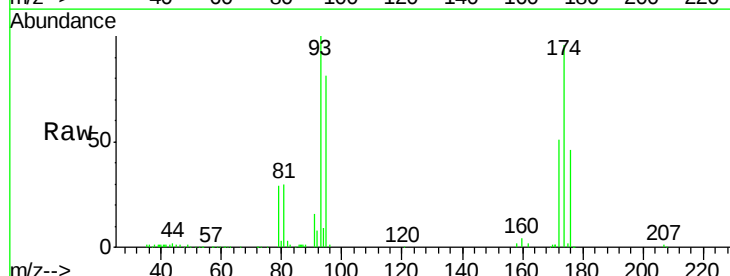
Tgt Ion: 93 Resp: 39488

Ion Ratio Lower Upper

93 100

95 84.0 0.0 165.4

174 97.1 0.0 192.0



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

7.63

25000

20000

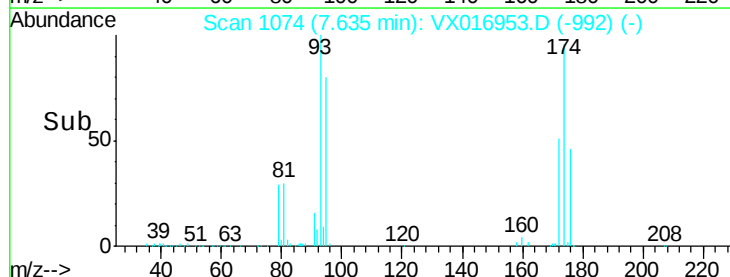
15000

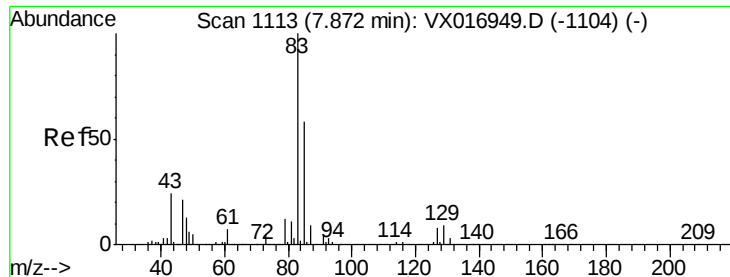
10000

5000

0

Time--> 7.55 7.60 7.65 7.70





#41

Bromodichloromethane

Concen: 19.004 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062520

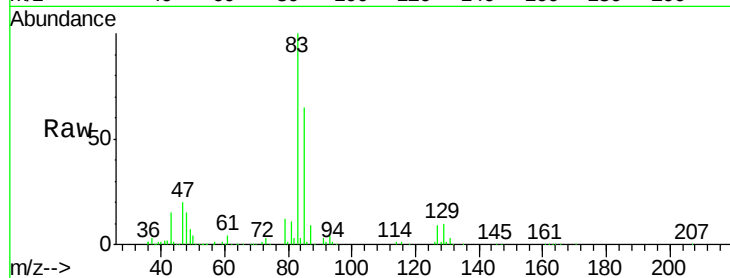
Tgt Ion: 83 Resp: 82985

Ion Ratio Lower Upper

83 100

85 64.7 46.7 70.1

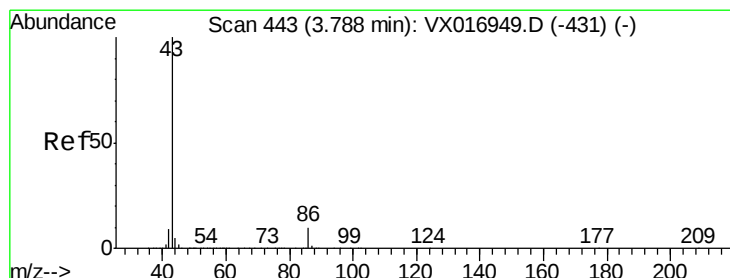
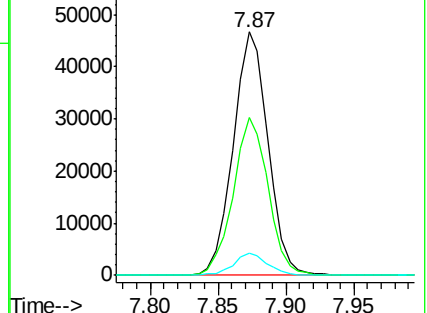
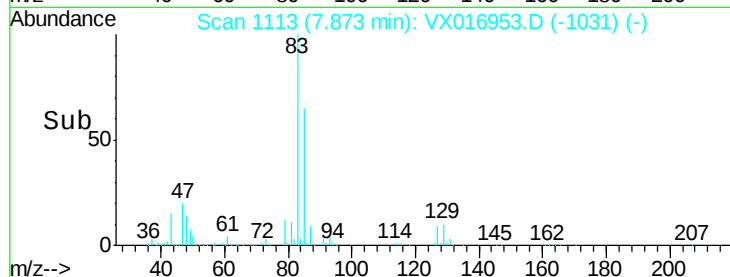
127 9.0 6.5 9.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 93.650 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016953.D

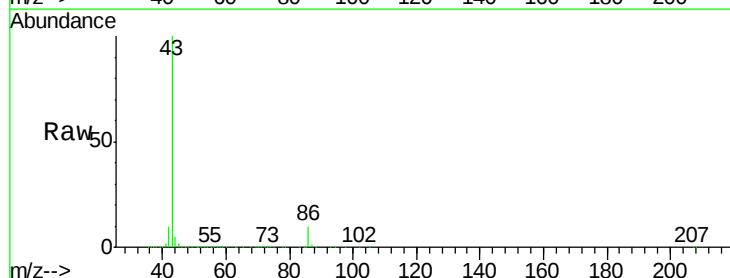
Acq: 25 Jun 2020 14:52

Tgt Ion: 43 Resp: 793446

Ion Ratio Lower Upper

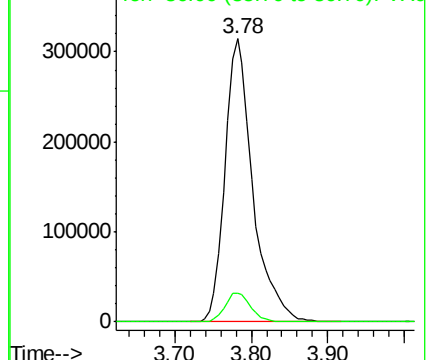
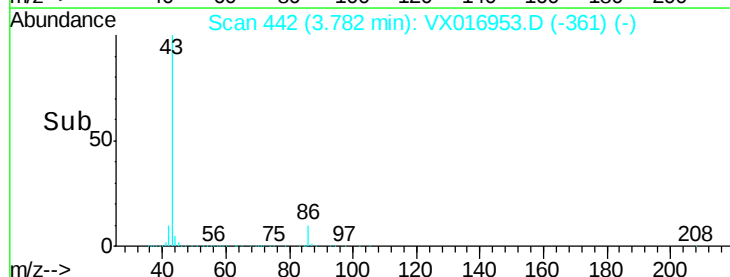
43 100

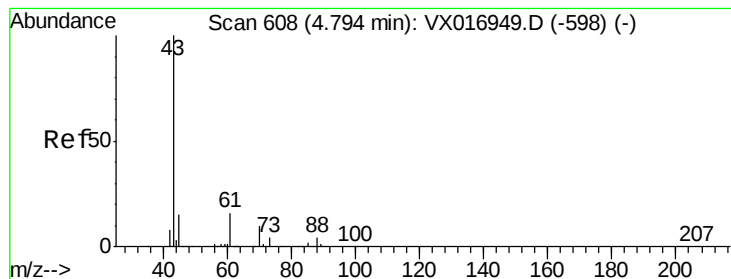
86 9.5 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 17.762 ug/l

RT: 4.79 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

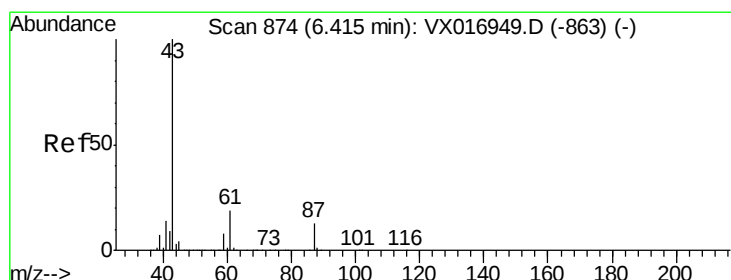
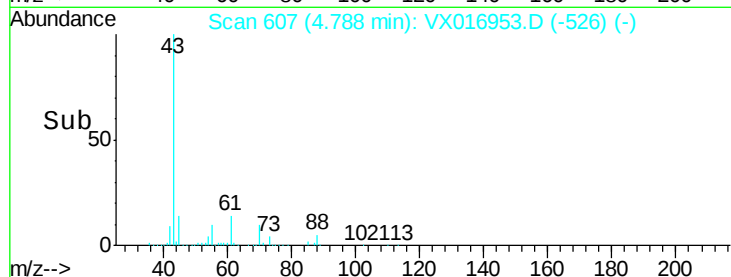
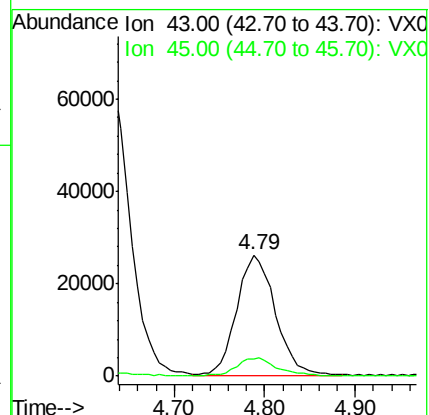
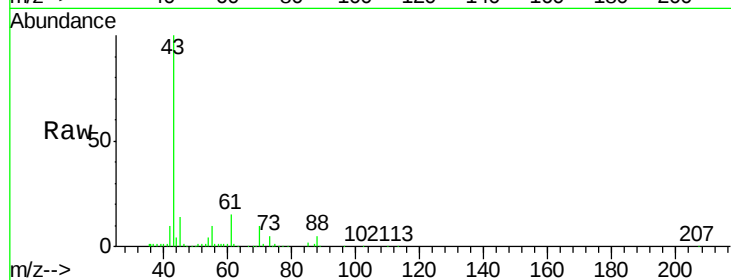
ICVVX062520

Tgt Ion: 43 Resp: 77351

Ion Ratio Lower Upper

43 100

45 15.1 11.8 17.6



#44

Isopropyl Acetate

Concen: 17.987 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX016953.D

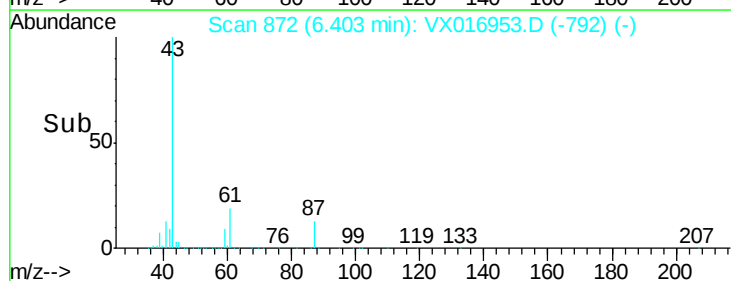
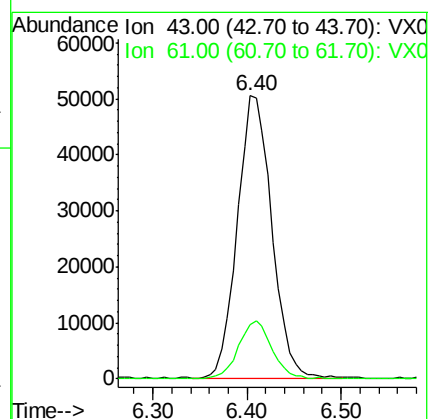
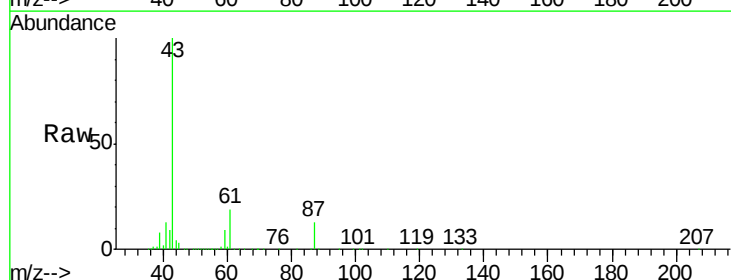
Acq: 25 Jun 2020 14:52

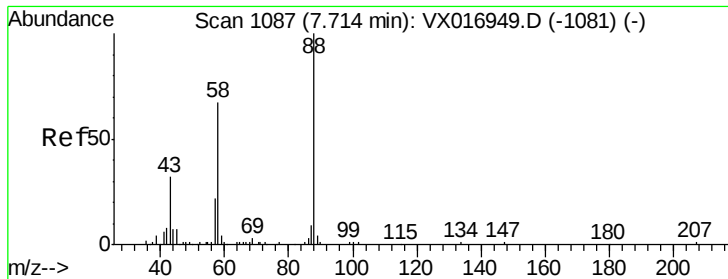
Tgt Ion: 43 Resp: 129117

Ion Ratio Lower Upper

43 100

61 19.8 15.4 23.2





#45

1,4-Dioxane

Concen: 387.638 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062520

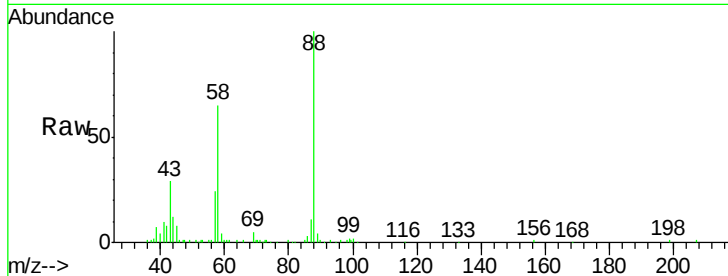
Tgt Ion: 88 Resp: 28072

Ion Ratio Lower Upper

88 100

43 28.1 28.9 43.3#

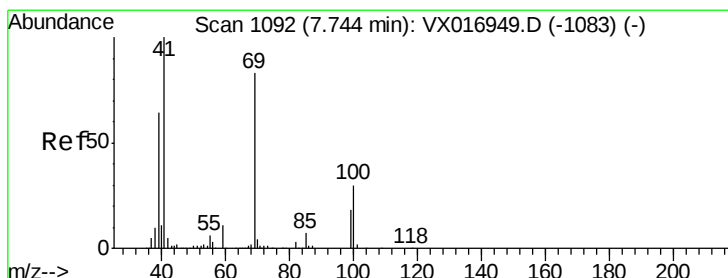
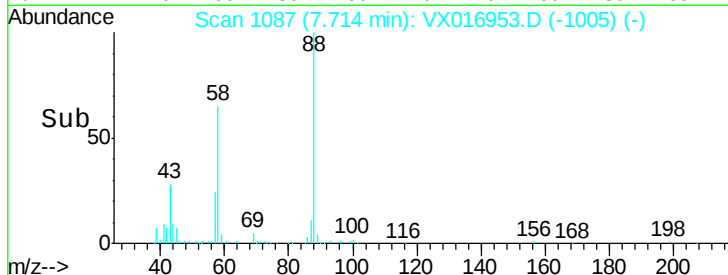
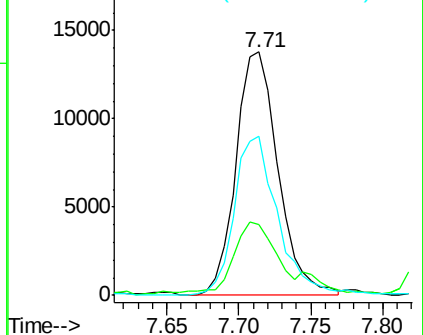
58 66.9 56.7 85.1



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



#46

Methyl methacrylate

Concen: 18.459 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

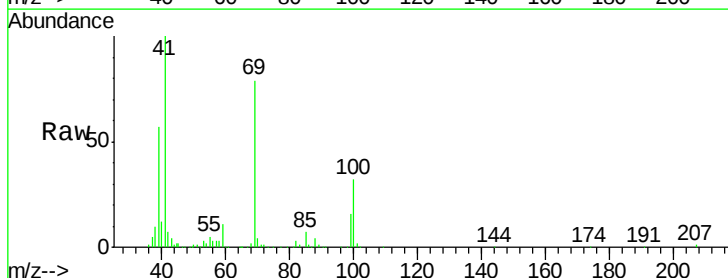
Tgt Ion: 41 Resp: 61320

Ion Ratio Lower Upper

41 100

69 78.6 41.3 123.9

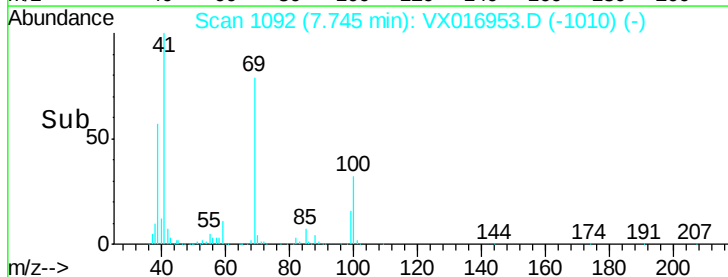
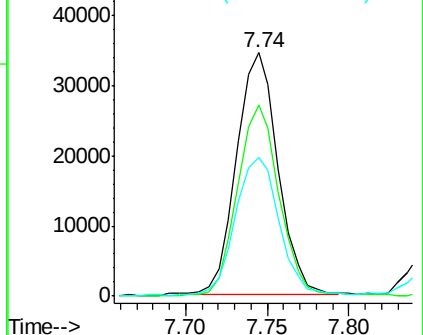
39 56.6 32.0 96.2

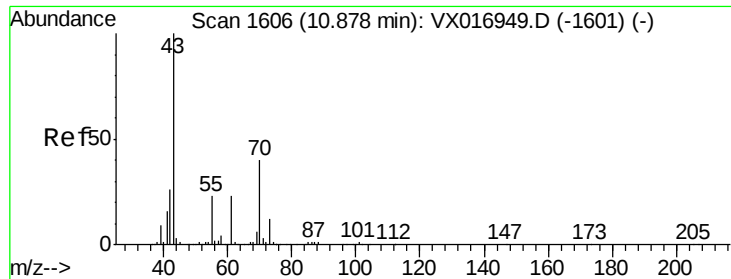


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amy1 Acetate

Concen: 17.910 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampled :

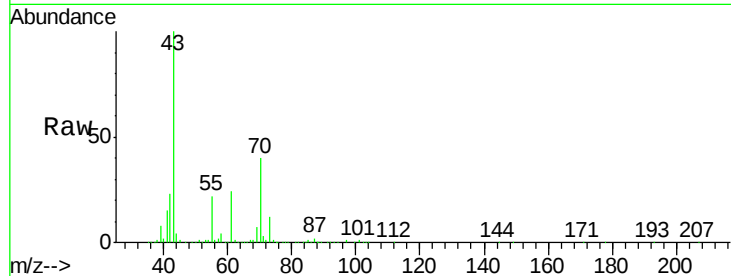
ICVVX062520

Tgt Ion: 43 Resp: 113638

Ion Ratio Lower Upper

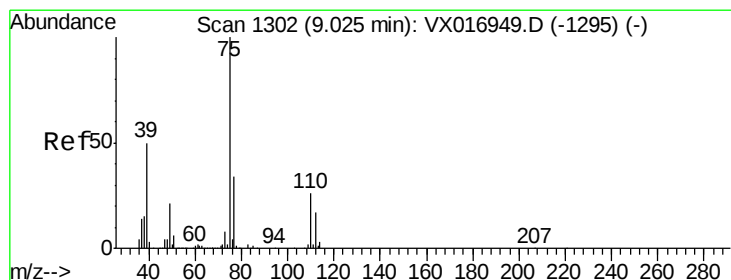
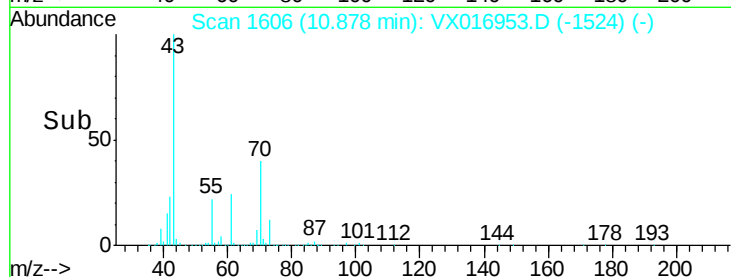
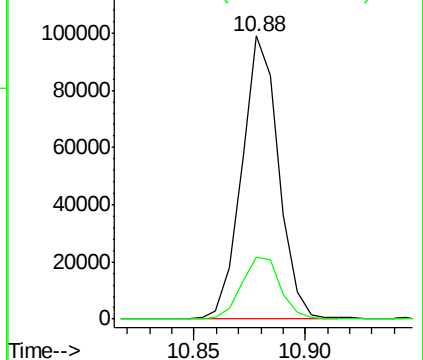
43 100

55 23.2 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 19.096 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016953.D

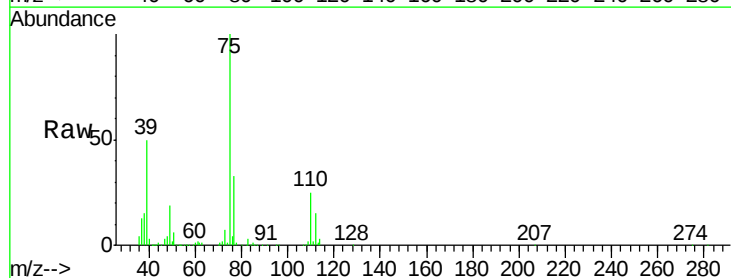
Acq: 25 Jun 2020 14:52

Tgt Ion: 75 Resp: 92200

Ion Ratio Lower Upper

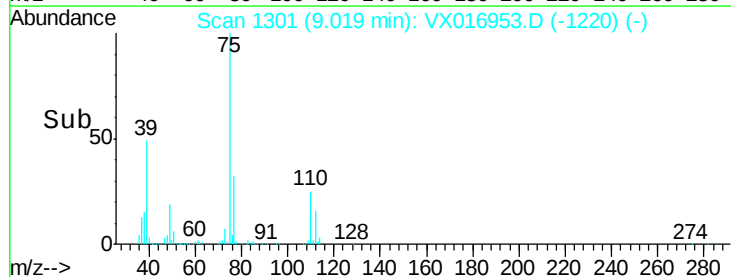
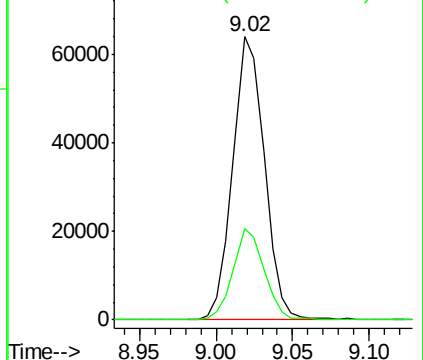
75 100

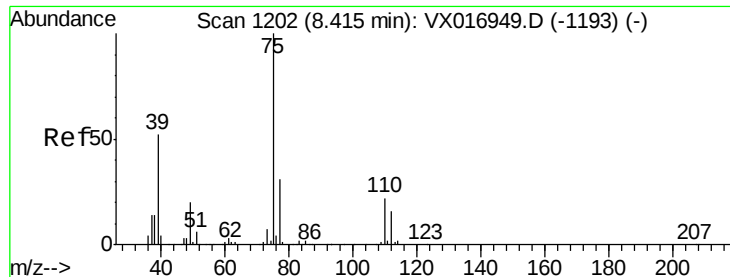
77 32.5 27.0 40.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



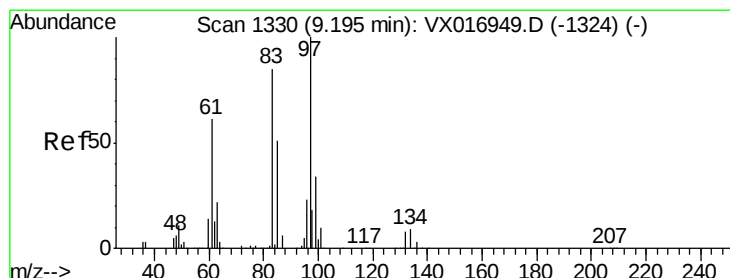
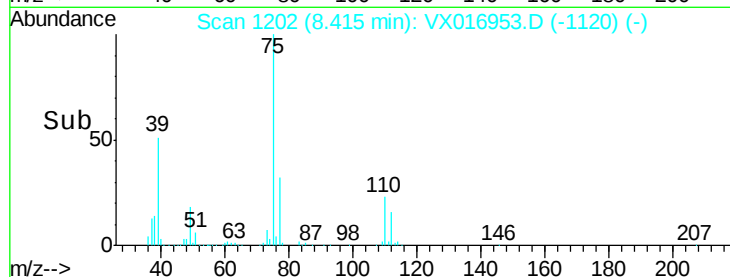
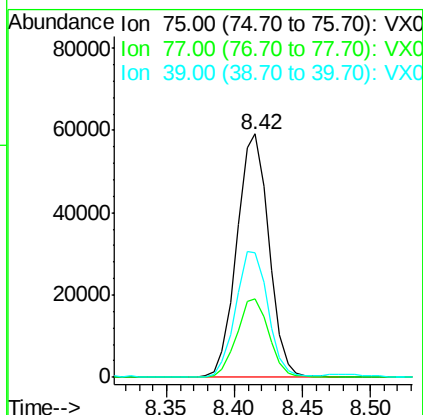
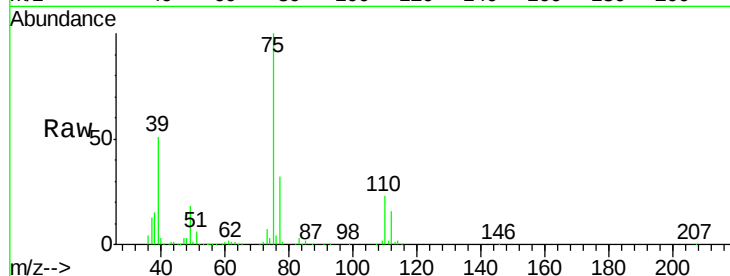


#49

cis-1,3-Dichloropropene
Concen: 19.241 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016953.D
Acq: 25 Jun 2020 14:52

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062520

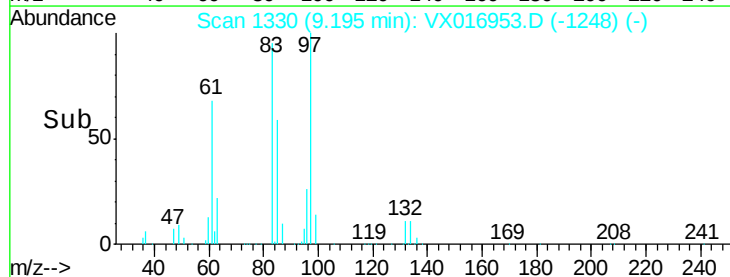
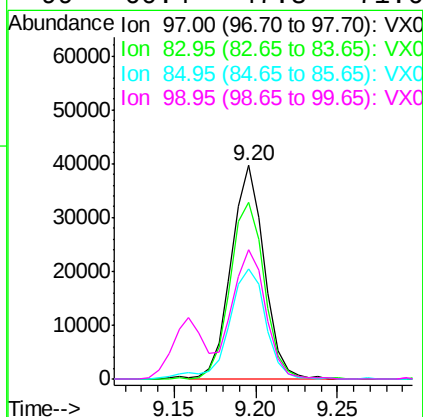
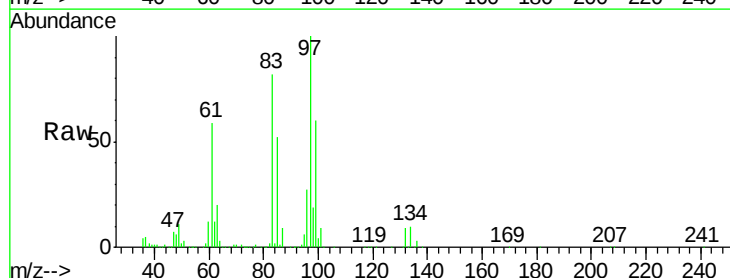
Tgt Ion: 75 Resp: 97634
Ion Ratio Lower Upper
75 100
77 32.2 24.8 37.2
39 50.6 41.8 62.6

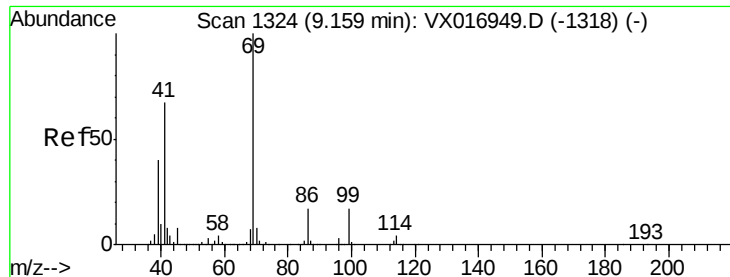


#50

1,1,2-Trichloroethane
Concen: 18.926 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX016953.D
Acq: 25 Jun 2020 14:52

Tgt Ion: 97 Resp: 55701
Ion Ratio Lower Upper
97 100
83 82.4 67.4 101.0
85 51.4 42.9 64.3
99 60.4 47.8 71.6





#51

Ethyl methacrylate

Concen: 18.455 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062520

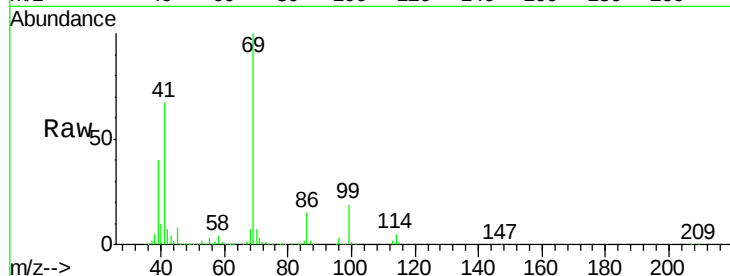
Tgt Ion: 69 Resp: 83357

Ion Ratio Lower Upper

69 100

41 66.9 33.7 101.1

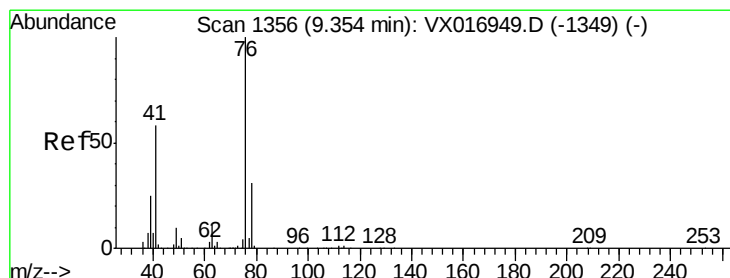
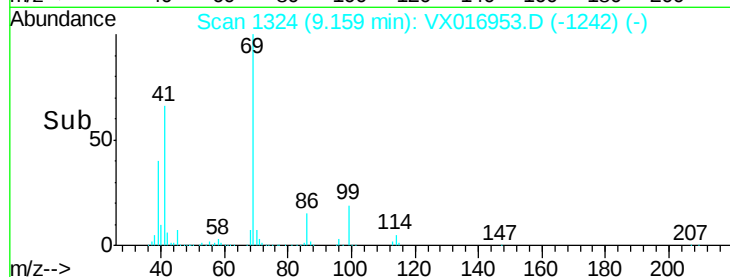
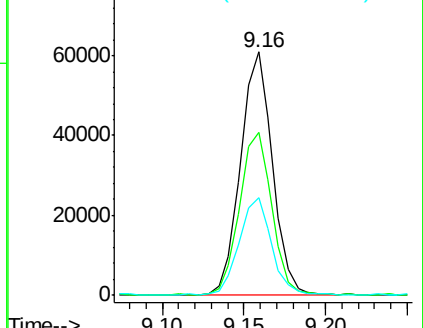
39 39.8 19.9 59.7



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



#52

1,3-Dichloropropane

Concen: 19.084 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016953.D

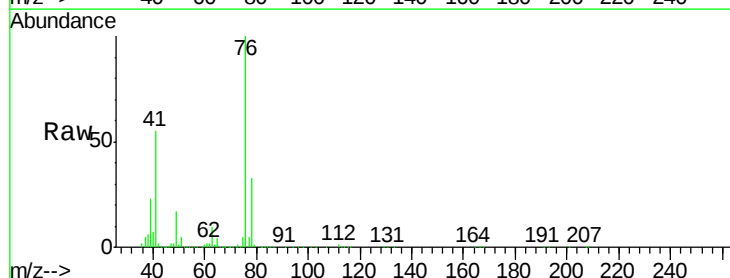
Acq: 25 Jun 2020 14:52

Tgt Ion: 76 Resp: 96429

Ion Ratio Lower Upper

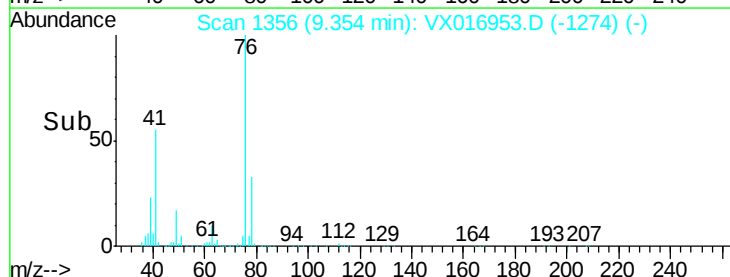
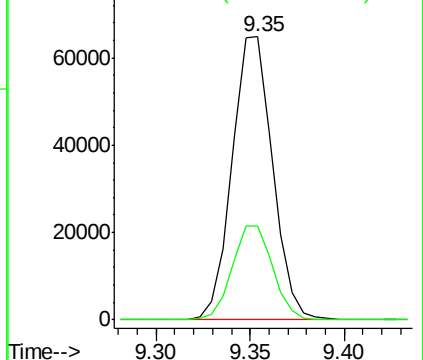
76 100

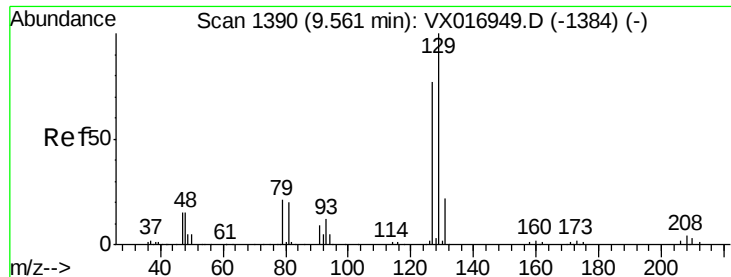
78 33.1 0.0 62.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.643 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

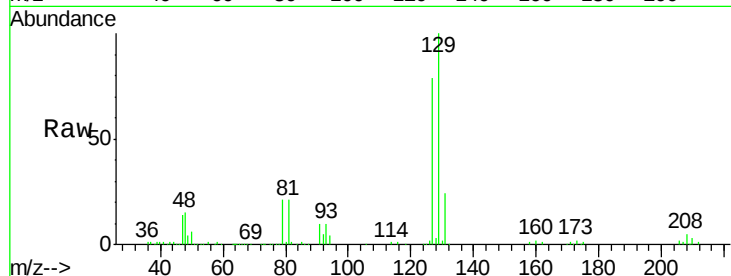
ICVVX062520

Tgt Ion:129 Resp: 63065

Ion Ratio Lower Upper

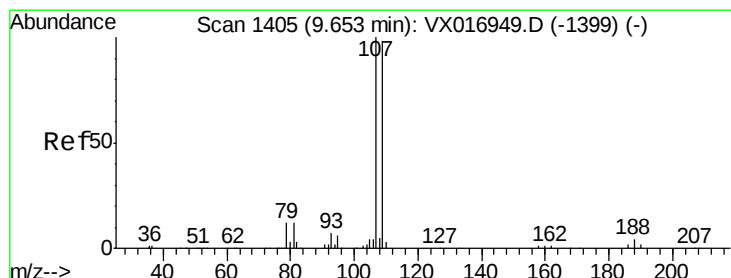
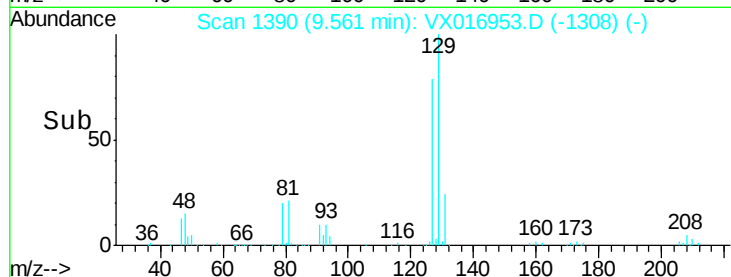
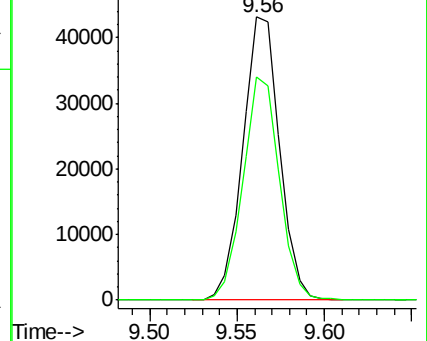
129 100

127 77.8 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.754 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016953.D

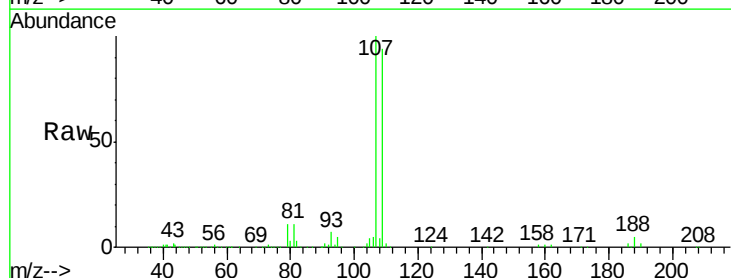
Acq: 25 Jun 2020 14:52

Tgt Ion:107 Resp: 58568

Ion Ratio Lower Upper

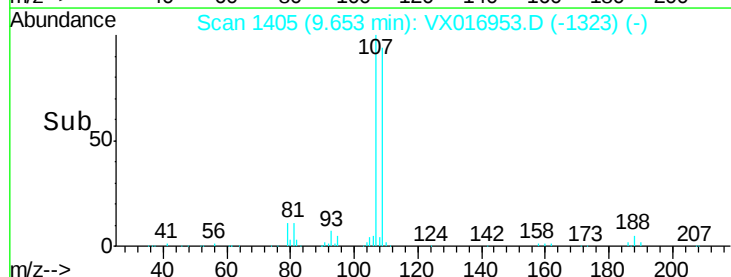
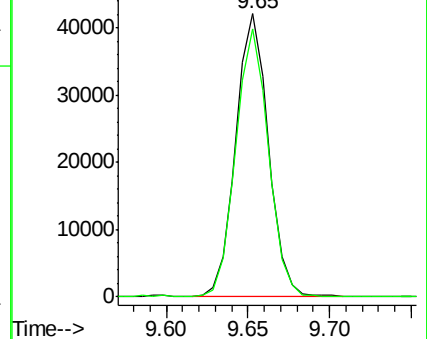
107 100

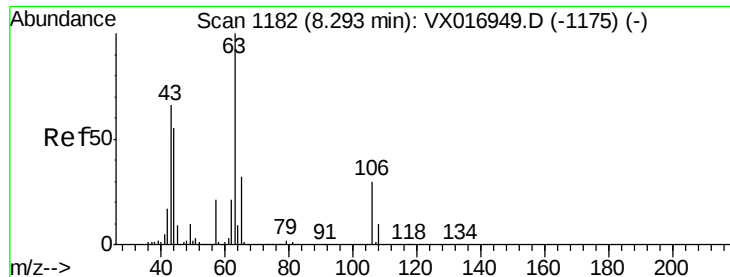
109 94.5 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

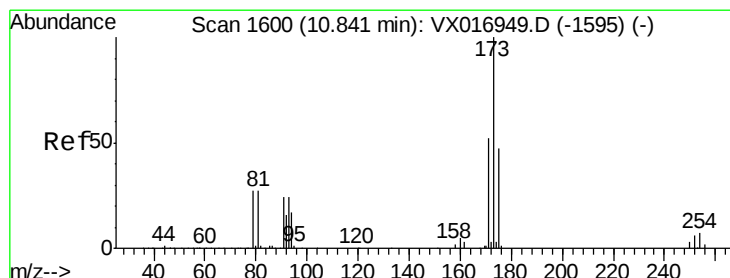
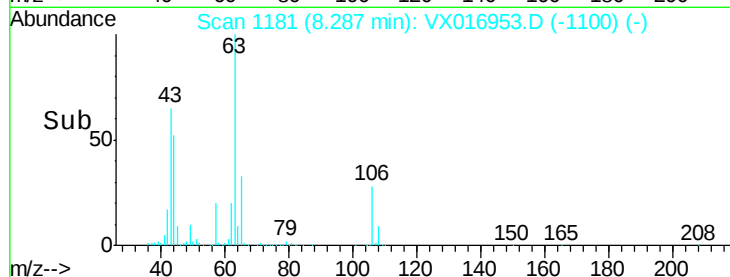
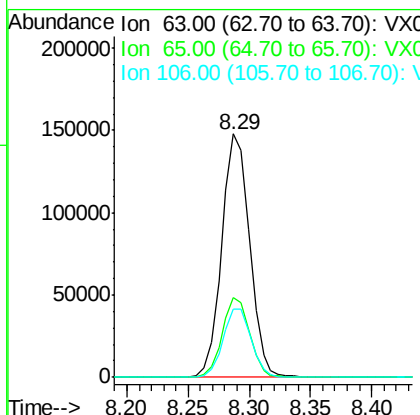
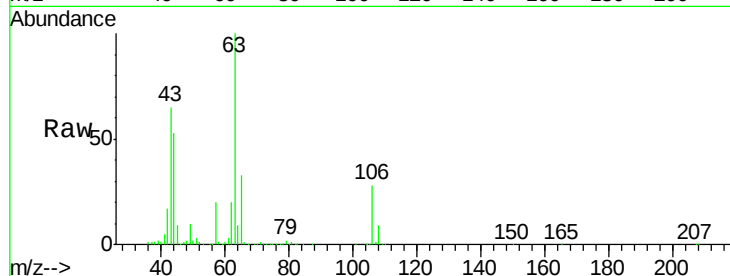




#55
 2-Chloroethyl vinyl ether
 Concen: 97.862 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX016953.D
 Acq: 25 Jun 2020 14:52

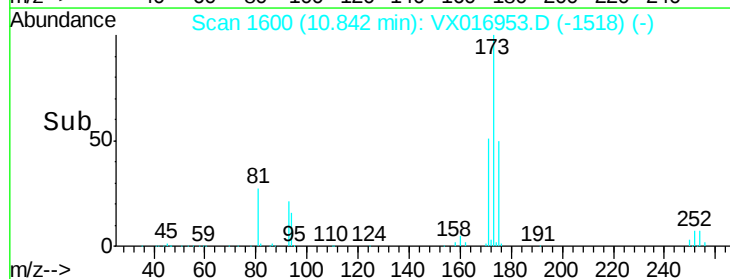
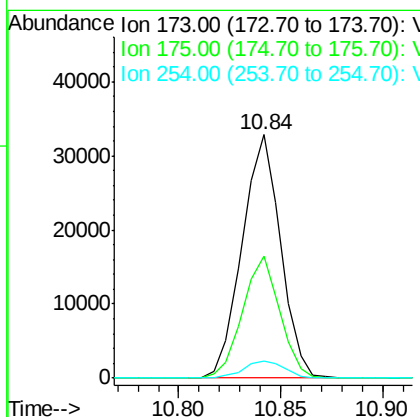
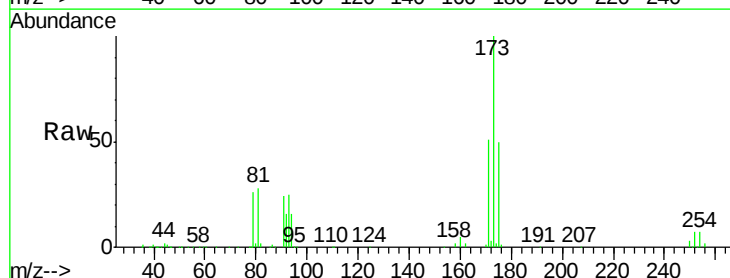
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062520

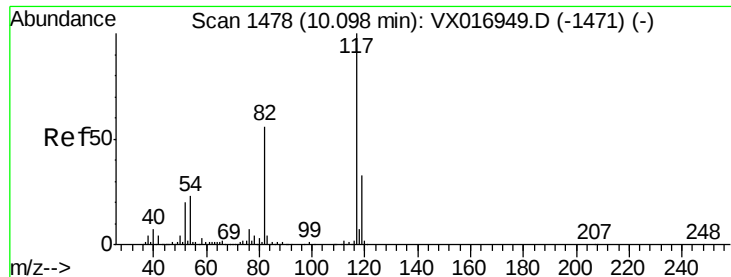
Tgt Ion: 63 Resp: 232603
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.9 38.9
 106 28.5 22.6 33.8



#56
 Bromoform
 Concen: 17.966 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VX016953.D
 Acq: 25 Jun 2020 14:52

Tgt Ion: 173 Resp: 43140
 Ion Ratio Lower Upper
 173 100
 175 48.5 38.7 58.1
 254 7.7 5.8 8.6

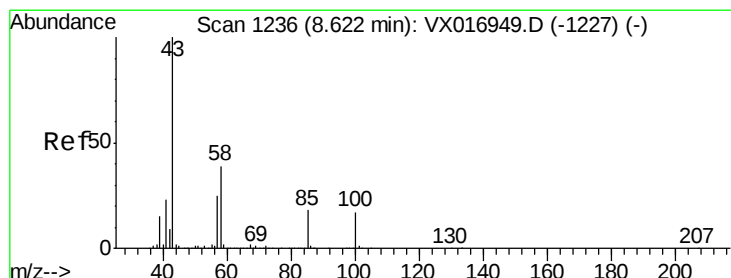
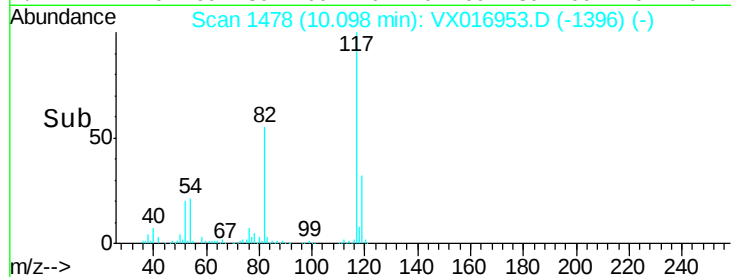
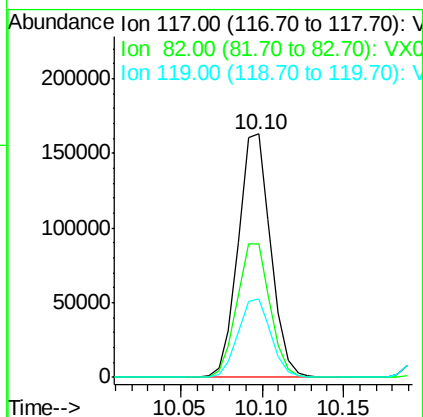
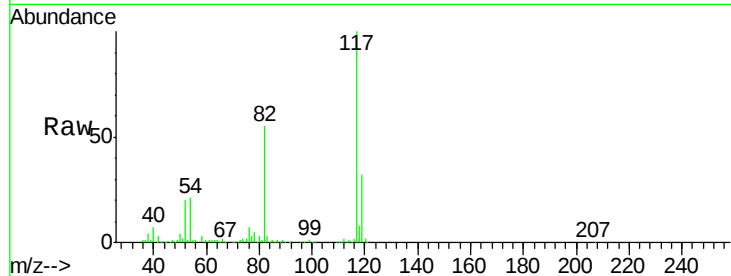




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016953.D
Acq: 25 Jun 2020 14:52

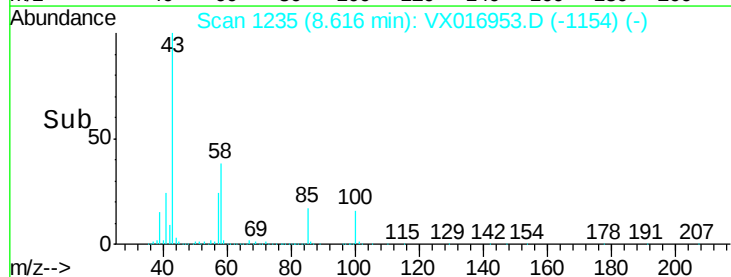
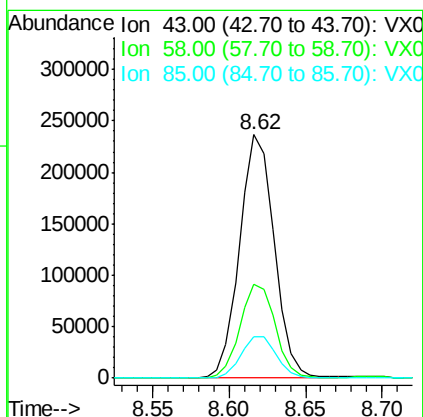
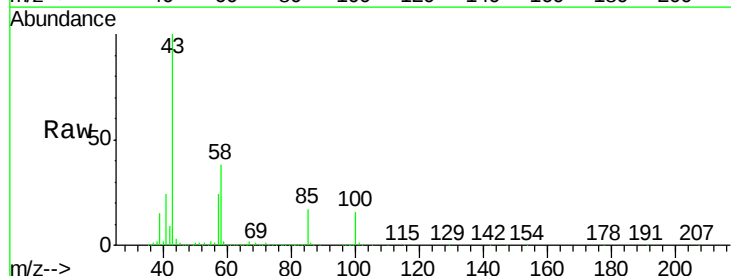
Instrument :
MSVOA_X
ClientSampleId :
ICVVX062520

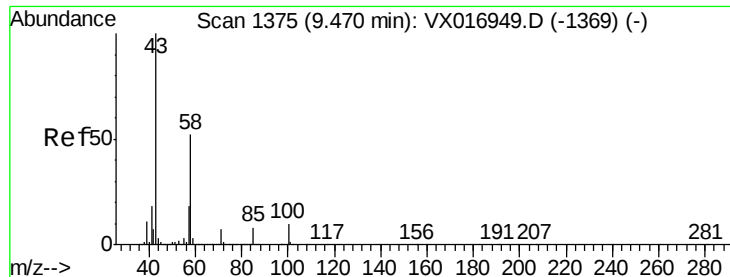
Tgt Ion: 117 Resp: 226364
Ion Ratio Lower Upper
117 100
82 56.0 44.9 67.3
119 32.5 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 89.500 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016953.D
Acq: 25 Jun 2020 14:52

Tgt Ion: 43 Resp: 373188
Ion Ratio Lower Upper
43 100
58 39.2 30.4 45.6
85 17.5 13.5 20.3

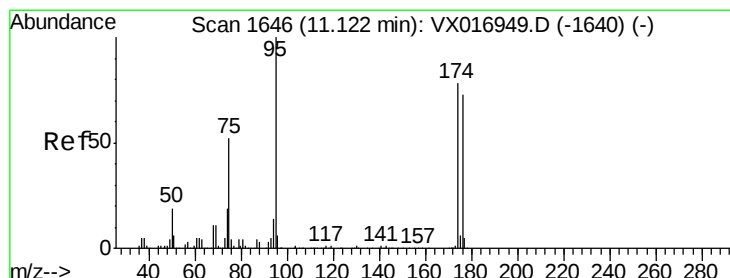
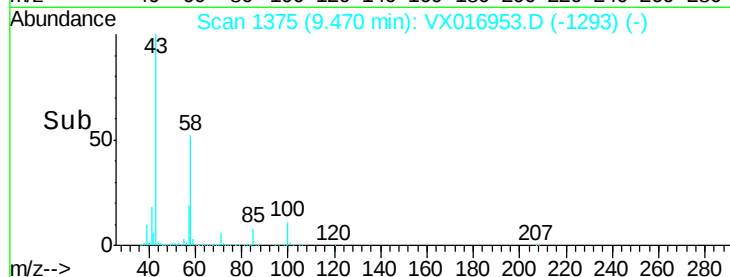
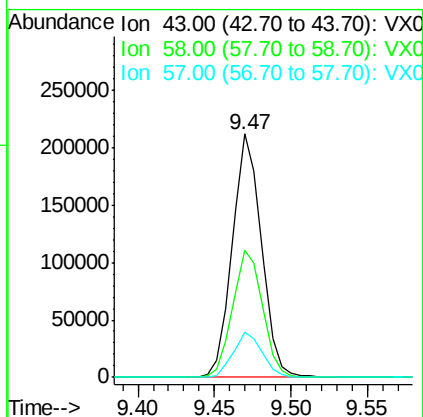
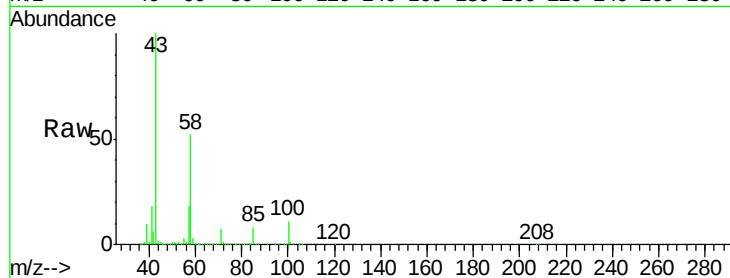




#59
2-Hexanone
Concen: 89.616 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016953.D
Acq: 25 Jun 2020 14:52

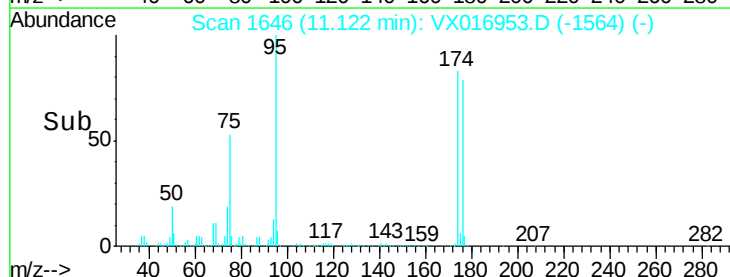
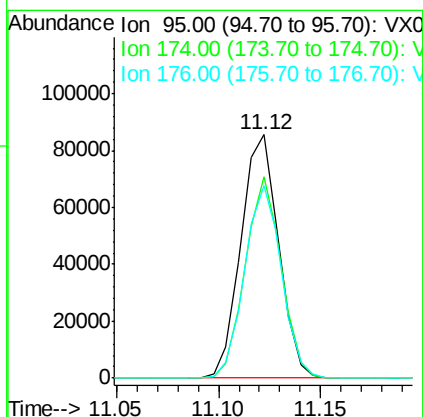
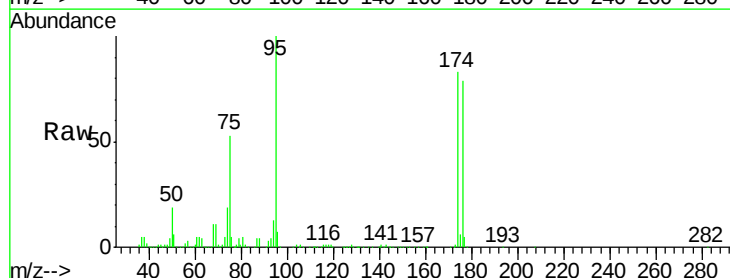
Instrument :
MSVOA_X
ClientSampleId :
ICVVX062520

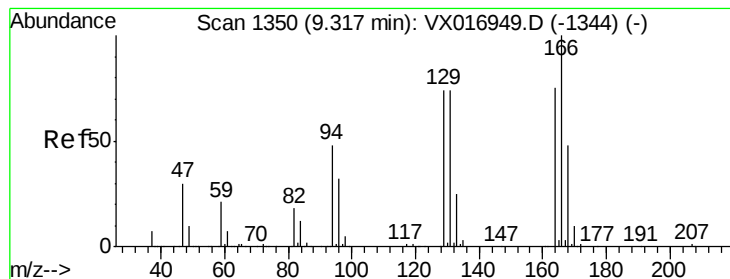
Tgt Ion: 43 Resp: 278876
Ion Ratio Lower Upper
43 100
58 54.0 42.3 63.5
57 18.5 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.126 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016953.D
Acq: 25 Jun 2020 14:52

Tgt Ion: 95 Resp: 109955
Ion Ratio Lower Upper
95 100
174 78.7 62.2 93.4
176 77.3 58.9 88.3





#61

Tetrachloroethene

Concen: 19.552 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

ICVX062520

Tgt Ion:164 Resp: 56443

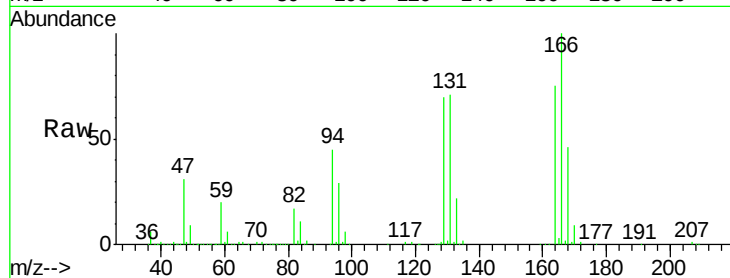
Ion Ratio Lower Upper

164 100

166 132.7 106.3 159.5

129 93.0 78.9 118.3

131 93.7 78.2 117.4

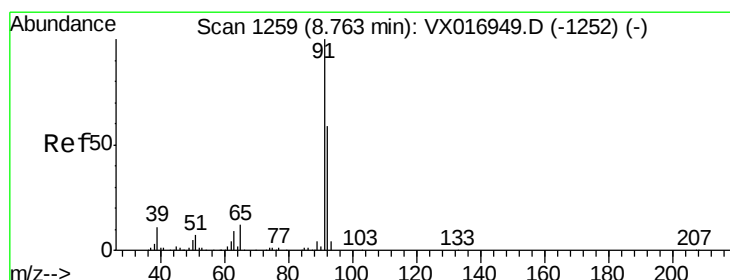
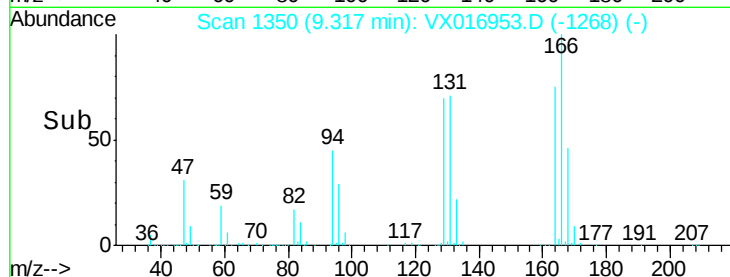
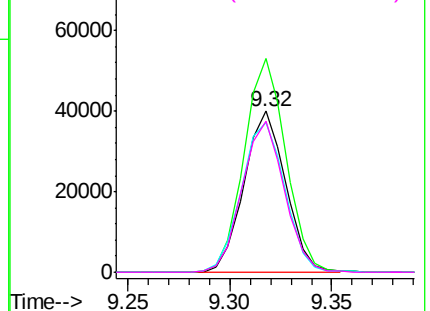


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.753 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX016953.D

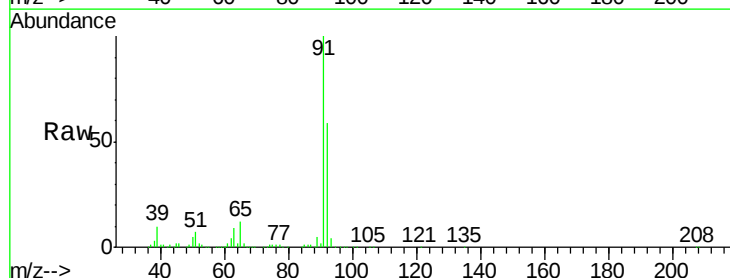
Acq: 25 Jun 2020 14:52

Tgt Ion: 91 Resp: 244557

Ion Ratio Lower Upper

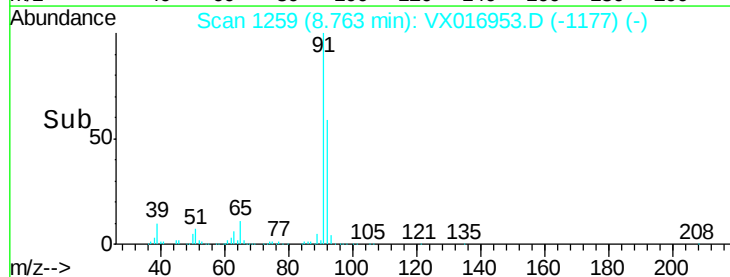
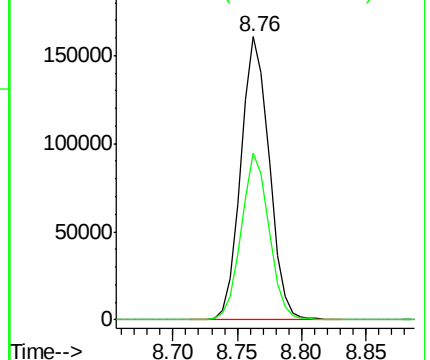
91 100

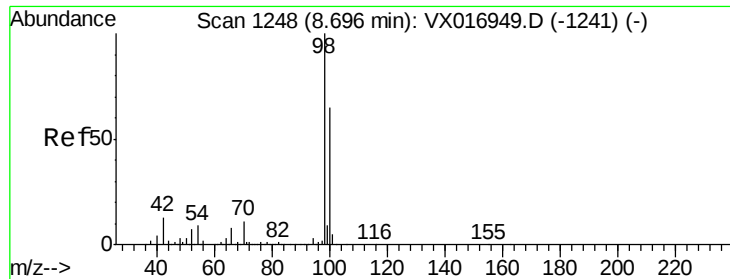
92 57.6 46.8 70.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.196 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

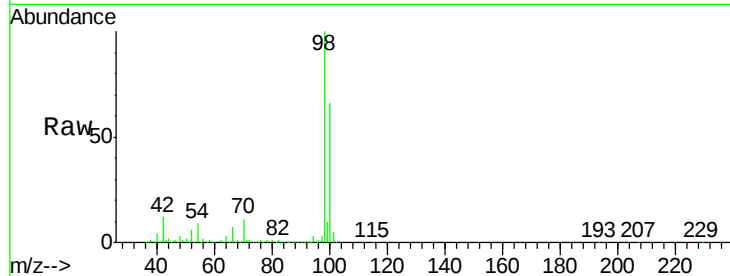
ICVVX062520

Tgt Ion: 98 Resp: 301307

Ion Ratio Lower Upper

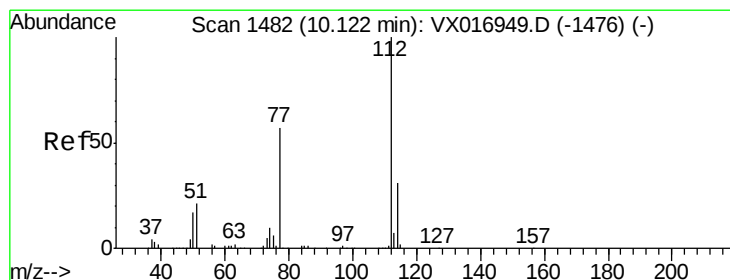
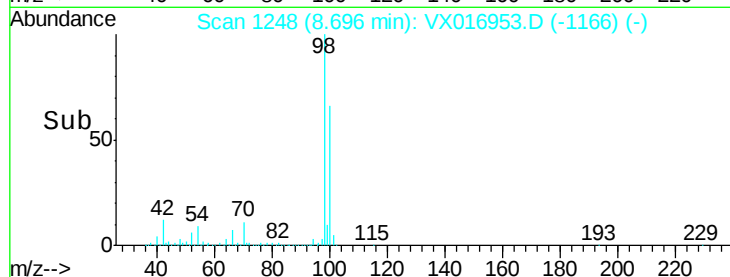
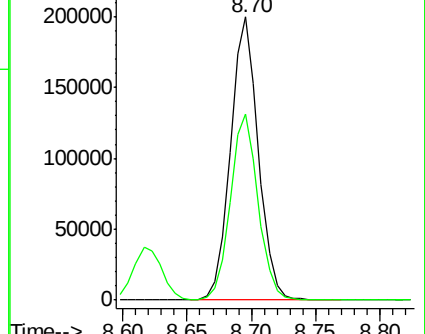
98 100

100 65.6 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 19.538 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016953.D

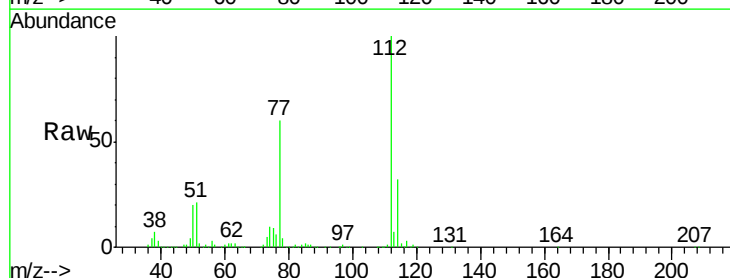
Acq: 25 Jun 2020 14:52

Tgt Ion: 112 Resp: 151547

Ion Ratio Lower Upper

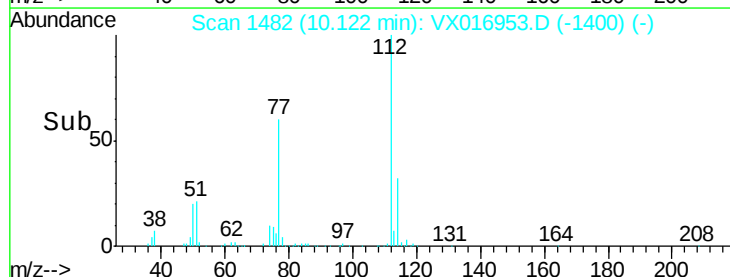
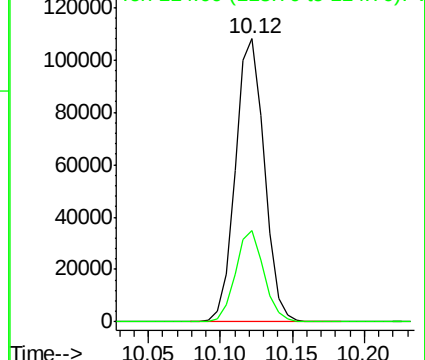
112 100

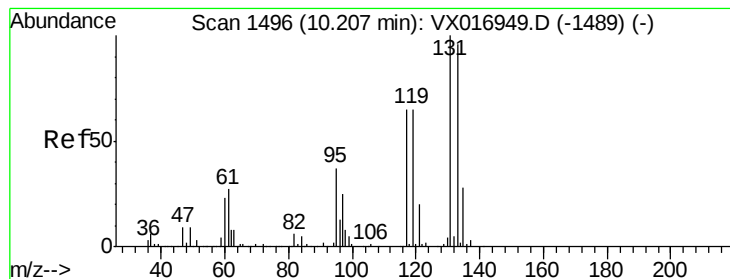
114 32.1 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 19.637 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062520

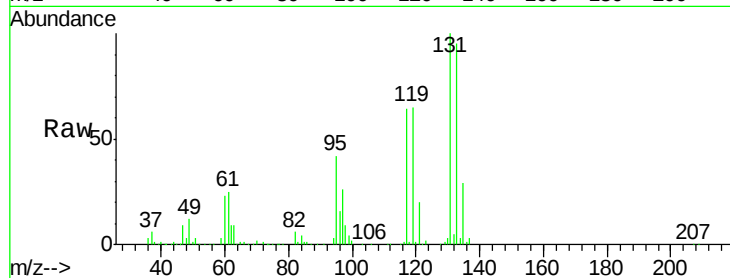
Tgt Ion:131 Resp: 57341

Ion Ratio Lower Upper

131 100

133 95.1 0.0 190.2

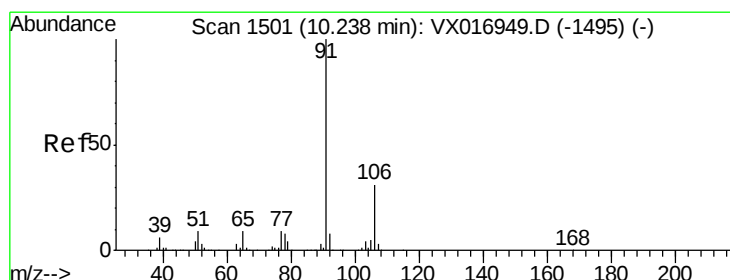
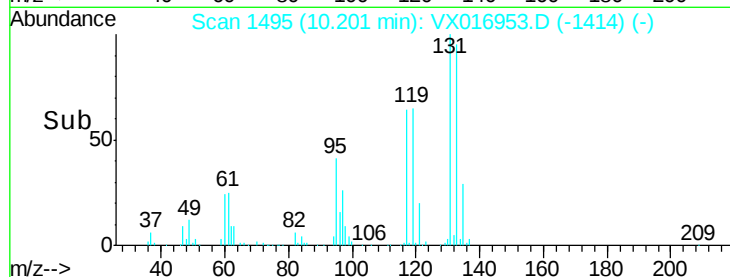
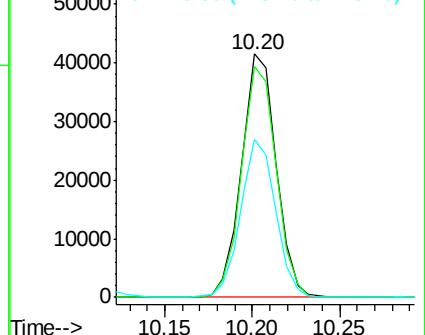
119 65.1 0.0 133.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.537 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016953.D

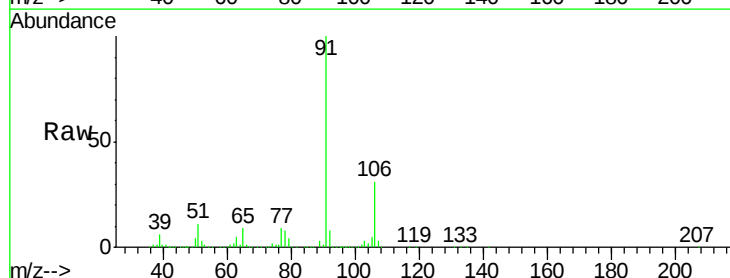
Acq: 25 Jun 2020 14:52

Tgt Ion: 91 Resp: 268240

Ion Ratio Lower Upper

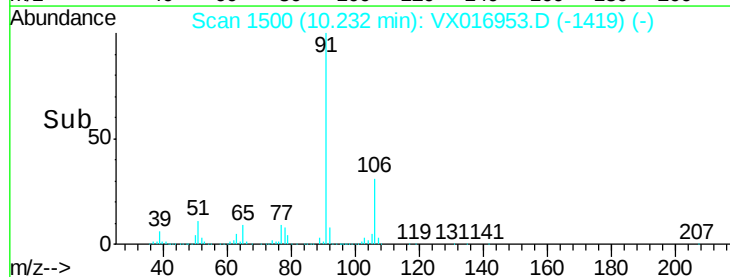
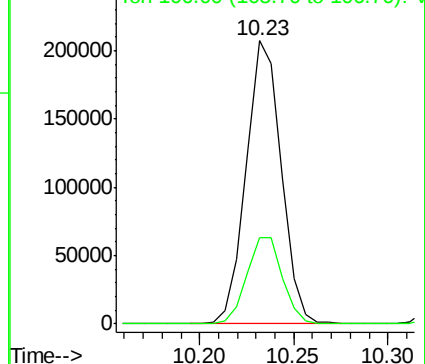
91 100

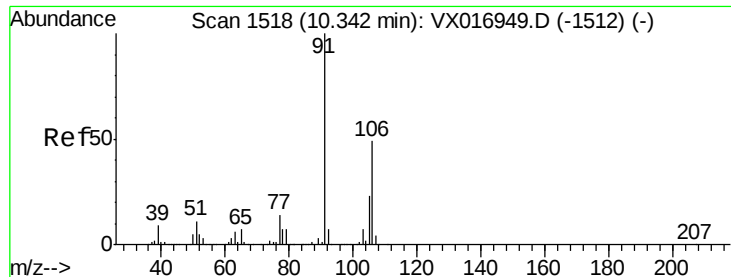
106 30.6 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 39.592 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

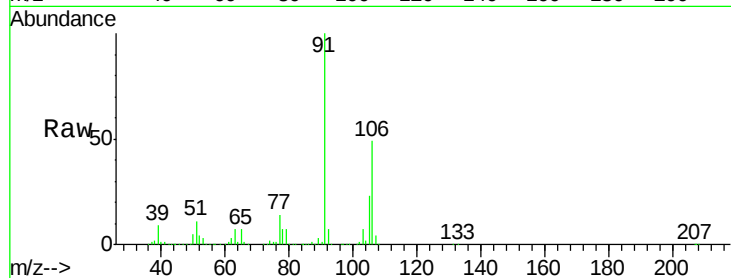
ICVVX062520

Tgt Ion:106 Resp: 205064

Ion Ratio Lower Upper

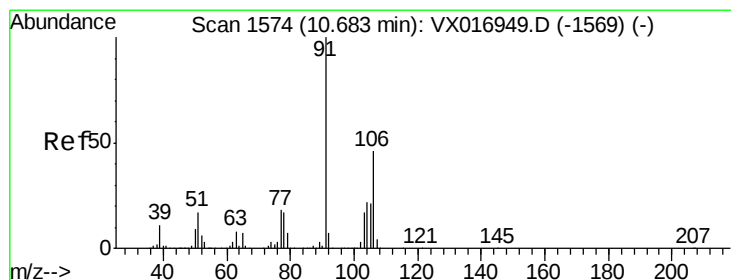
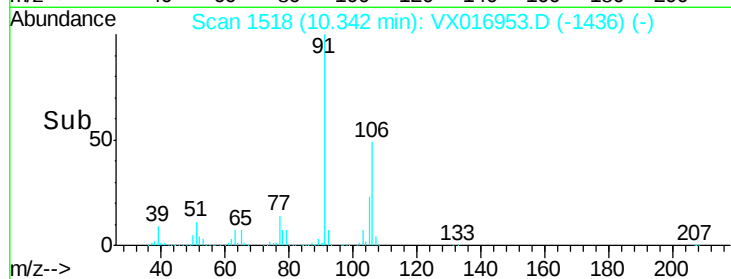
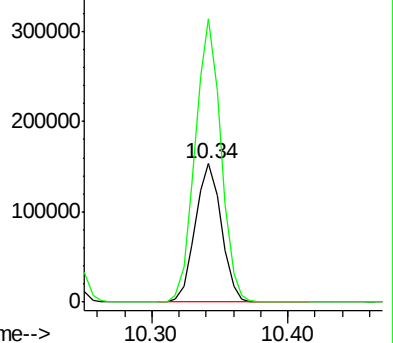
106 100

91 201.0 164.5 246.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.020 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX016953.D

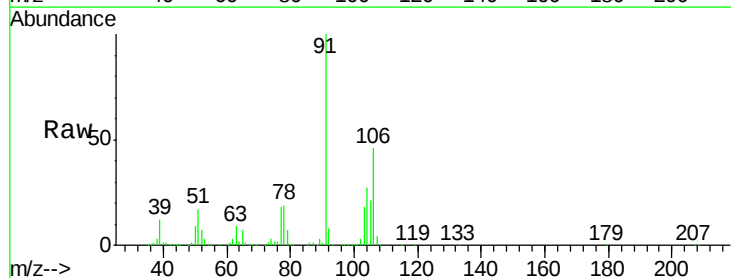
Acq: 25 Jun 2020 14:52

Tgt Ion:106 Resp: 94627

Ion Ratio Lower Upper

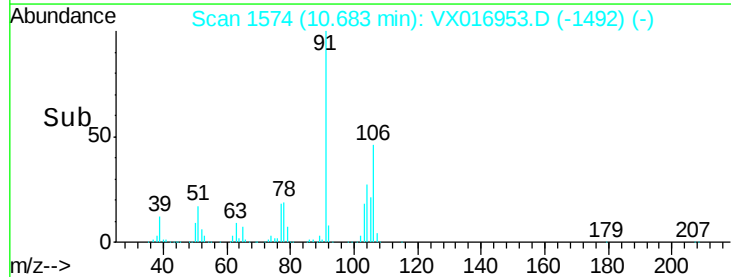
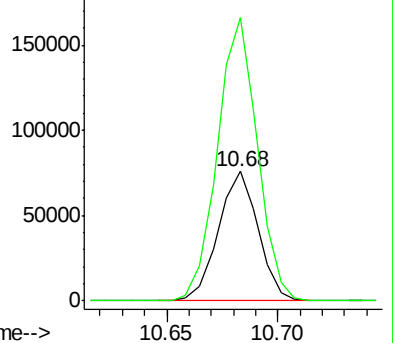
106 100

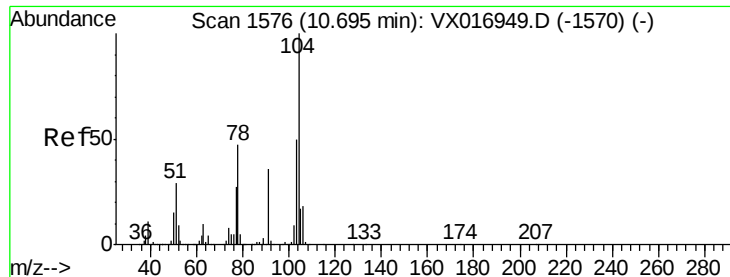
91 219.3 107.3 321.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Styrene

Concen: 19.112 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062520

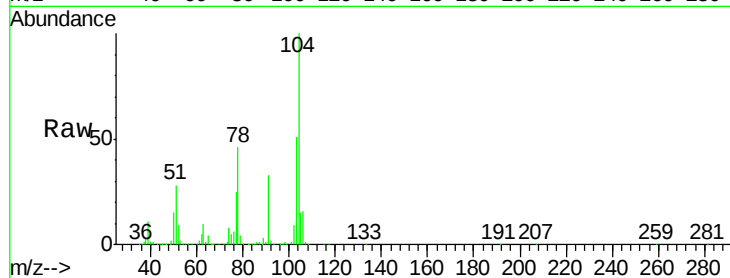
Tgt Ion:104 Resp: 162811

Ion Ratio Lower Upper

104 100

78 51.0 42.6 64.0

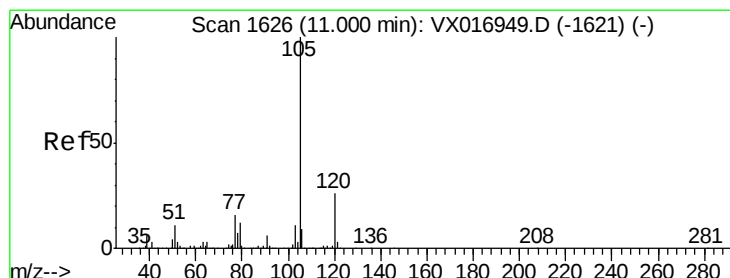
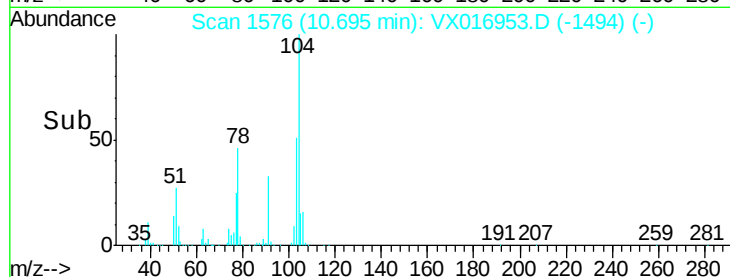
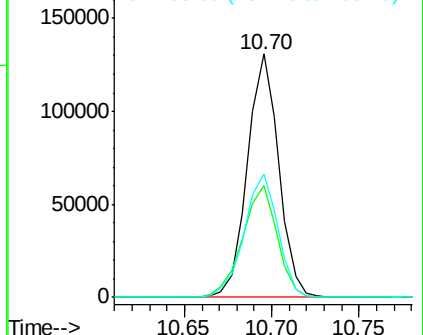
103 55.2 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 19.391 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016953.D

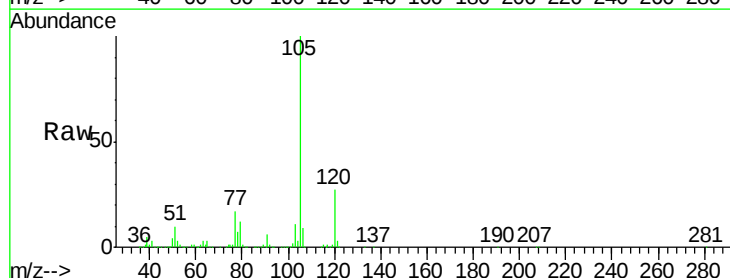
Acq: 25 Jun 2020 14:52

Tgt Ion:105 Resp: 261662

Ion Ratio Lower Upper

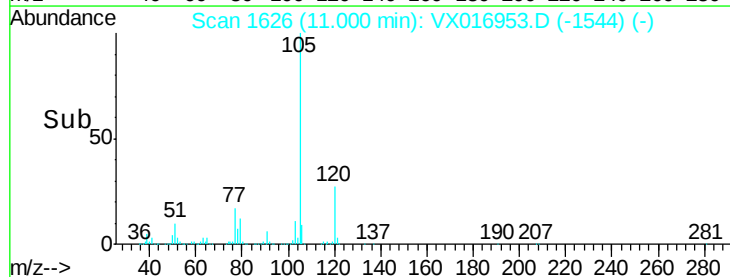
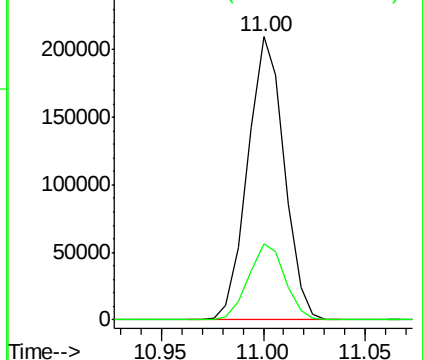
105 100

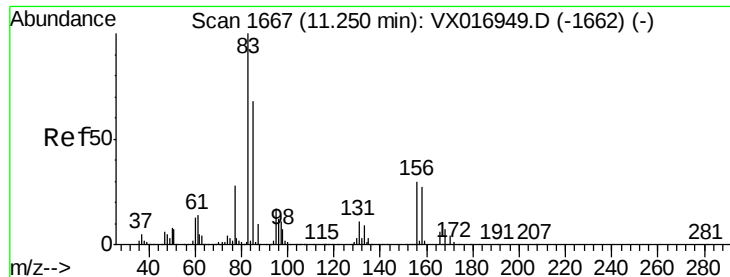
120 26.9 19.0 35.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 19.000 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062520

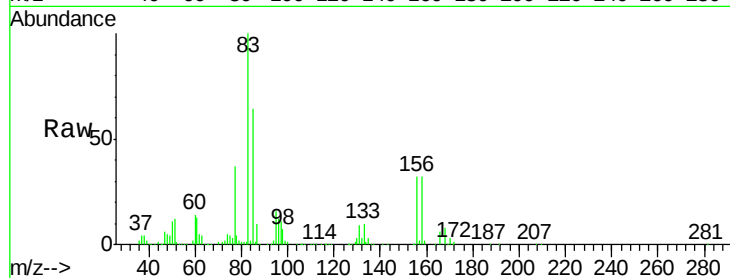
Tgt Ion: 83 Resp: 78740

Ion Ratio Lower Upper

83 100

131 9.9 5.2 15.6

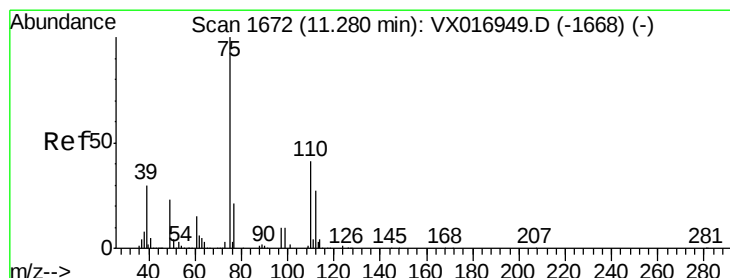
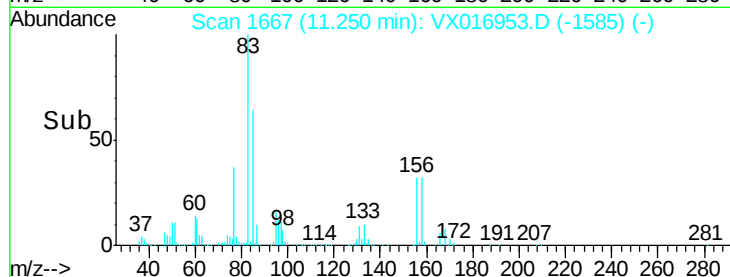
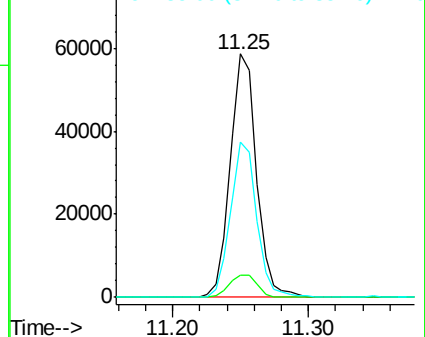
85 63.7 33.1 99.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 24.780 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016953.D

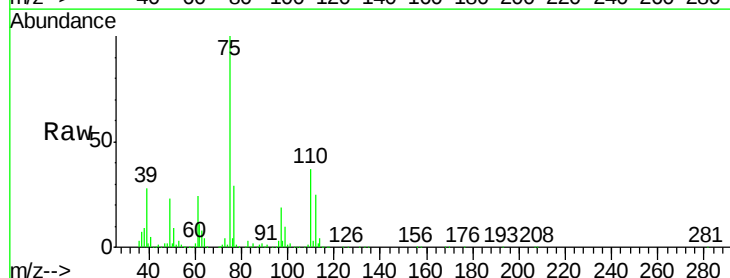
Acq: 25 Jun 2020 14:52

Tgt Ion: 75 Resp: 98621

Ion Ratio Lower Upper

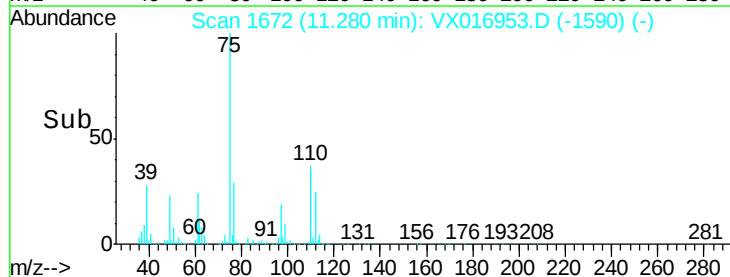
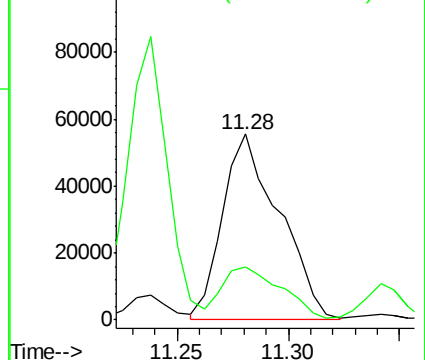
75 100

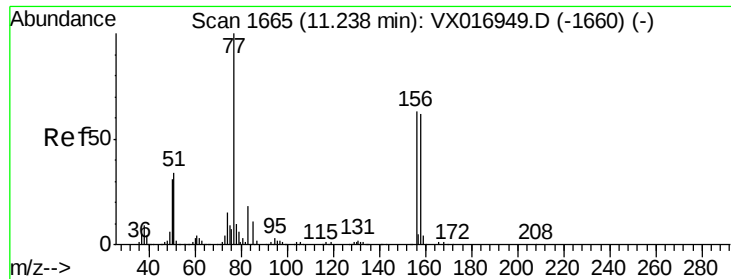
77 29.8 0.0 77.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 19.166 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062520

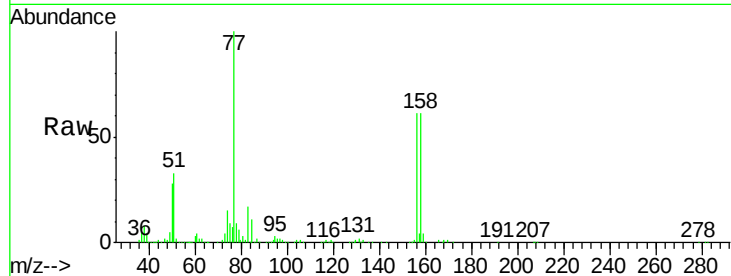
Tgt Ion:156 Resp: 65273

Ion Ratio Lower Upper

156 100

77 161.0 0.0 317.2

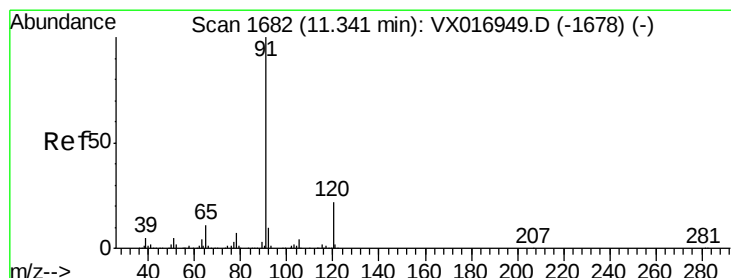
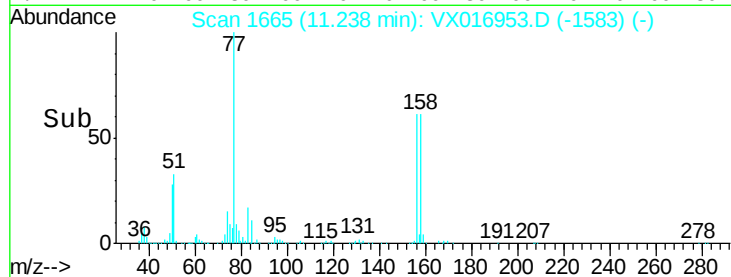
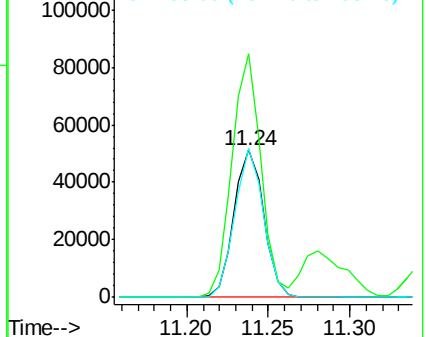
158 97.0 0.0 188.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.472 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016953.D

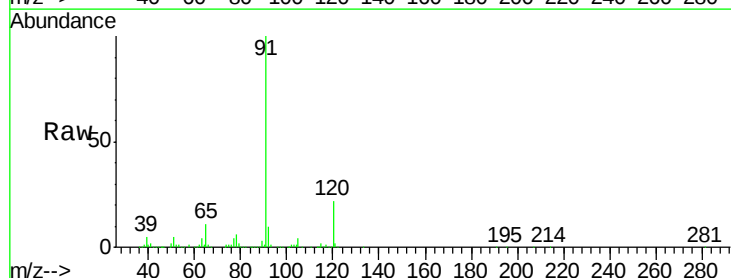
Acq: 25 Jun 2020 14:52

Tgt Ion: 91 Resp: 311984

Ion Ratio Lower Upper

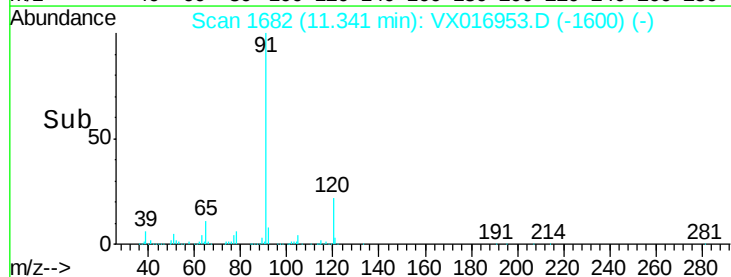
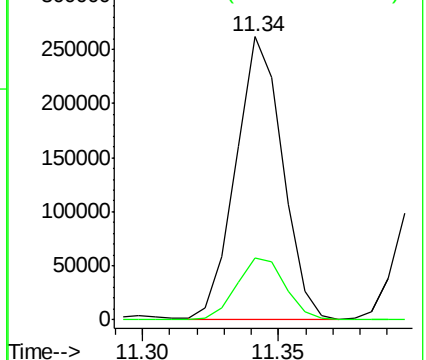
91 100

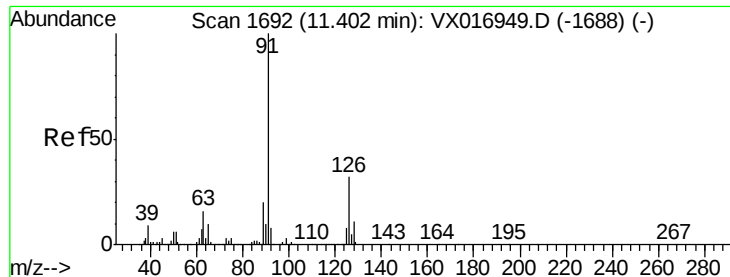
120 22.8 0.0 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.111 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

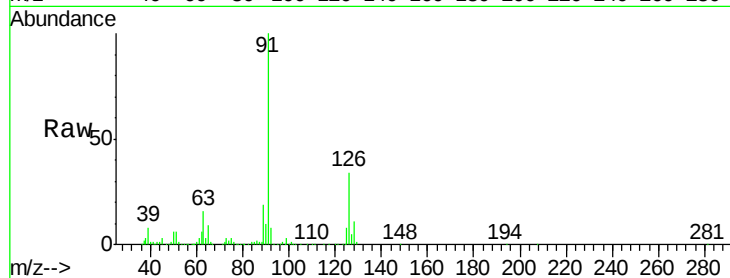
ICVVX062520

Tgt Ion: 91 Resp: 178561

Ion Ratio Lower Upper

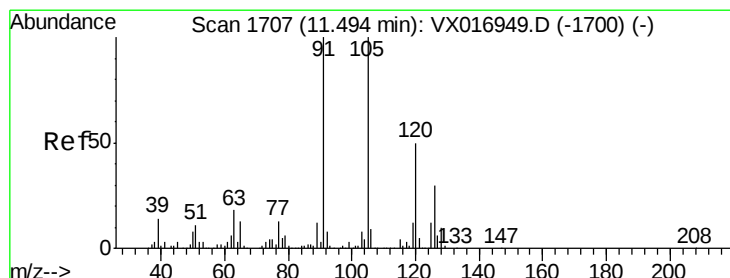
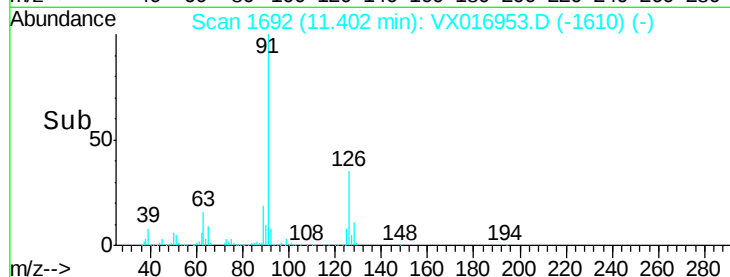
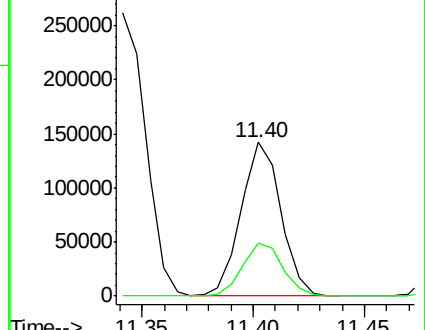
91 100

126 34.7 0.0 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX016949.D (-1688) (-)

Ion 126.00 (125.70 to 126.70): VX016949.D (-1688) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.198 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX016953.D

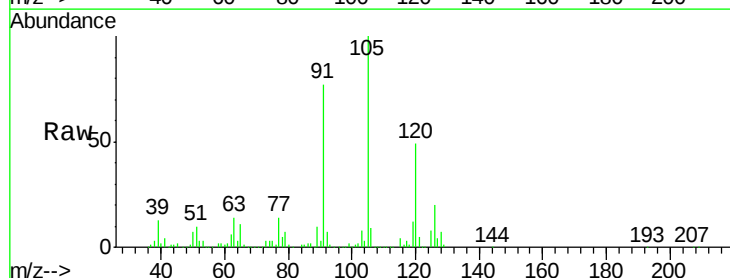
Acq: 25 Jun 2020 14:52

Tgt Ion: 105 Resp: 217451

Ion Ratio Lower Upper

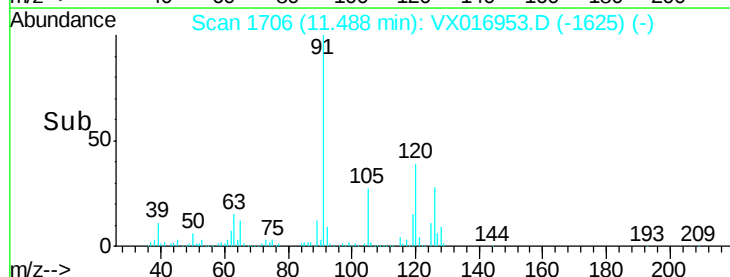
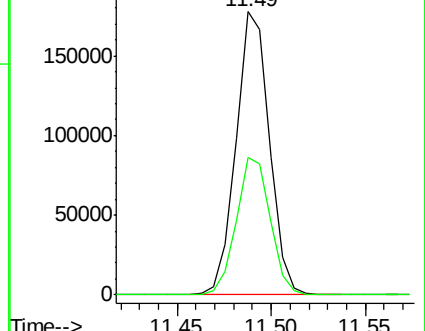
105 100

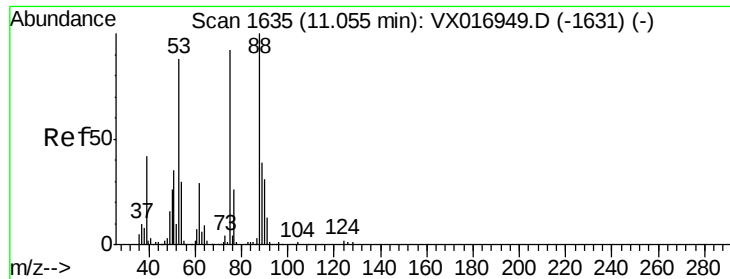
120 49.4 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): VX016949.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX016949.D (-1700) (-)

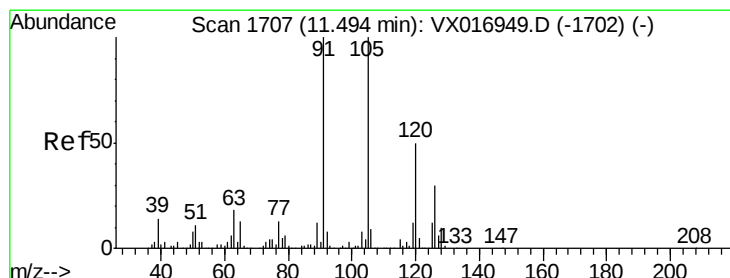
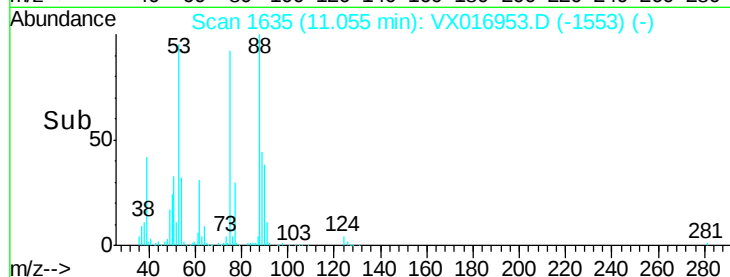
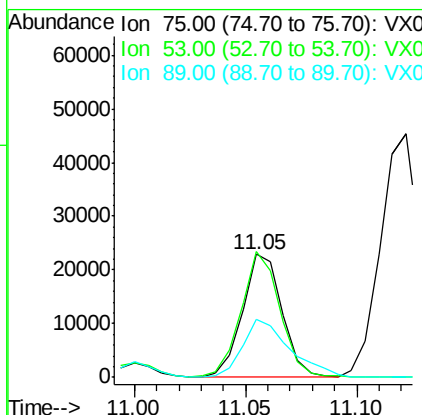
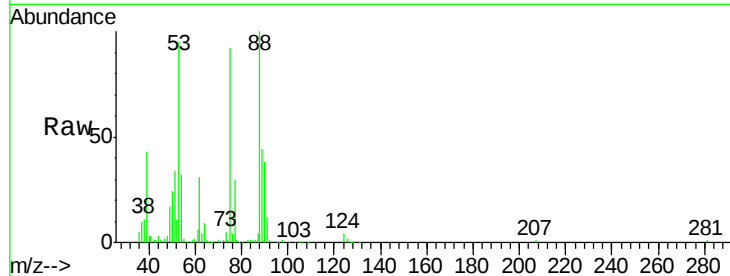




#77
t-1,4-Dichloro-2-butene
Concen: 17.704 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX016953.D
Acq: 25 Jun 2020 14:52

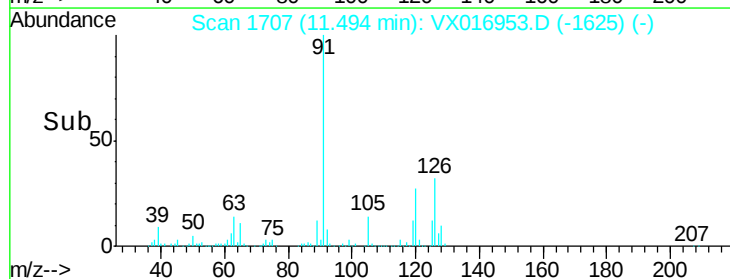
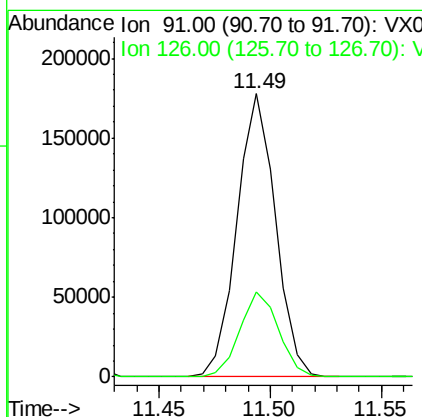
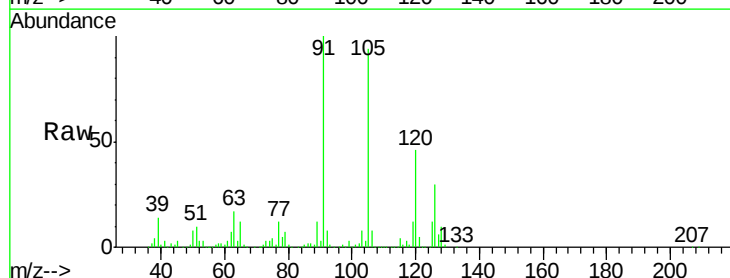
Instrument :
MSVOA_X
ClientSampleId :
ICVVX062520

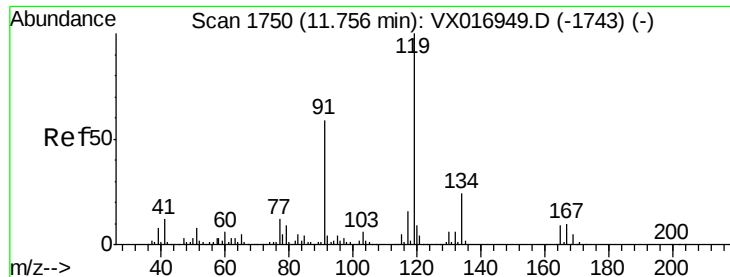
Tgt Ion: 75 Resp: 28555
Ion Ratio Lower Upper
75 100
53 102.0 47.6 142.9
89 47.3 21.1 63.4



#78
4-Chlorotoluene
Concen: 19.396 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016953.D
Acq: 25 Jun 2020 14:52

Tgt Ion: 91 Resp: 214563
Ion Ratio Lower Upper
91 100
126 30.2 0.0 60.6

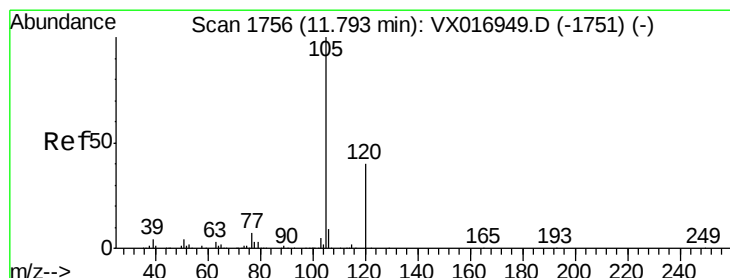
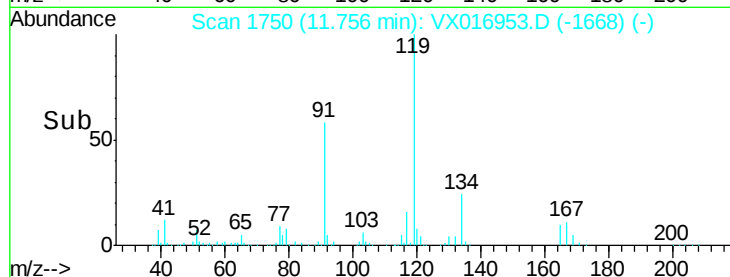
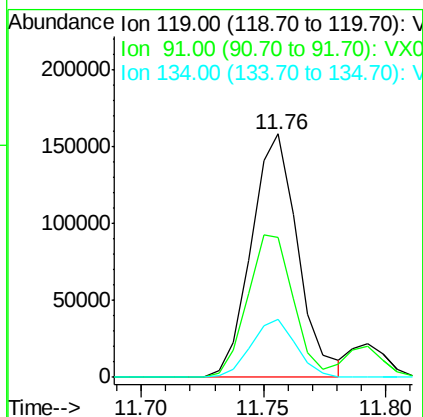
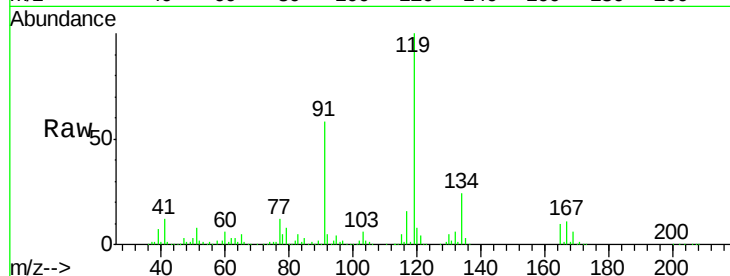




#79
tert-butylbenzene
Concen: 19.374 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016953.D
Acq: 25 Jun 2020 14:52

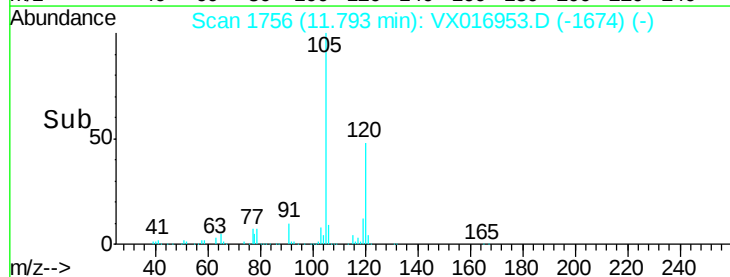
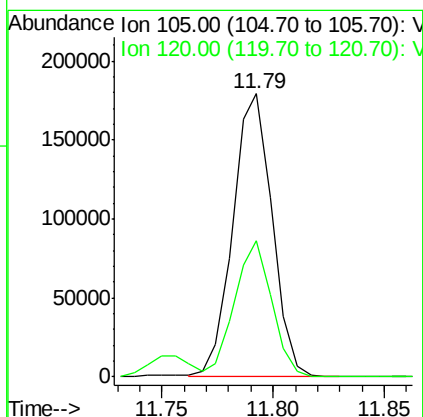
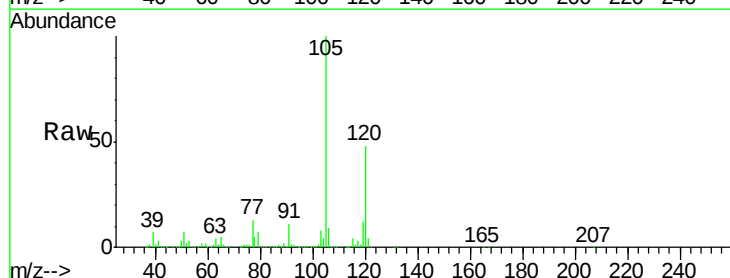
Instrument :
MSVOA_X
ClientSampleId :
ICVVX062520

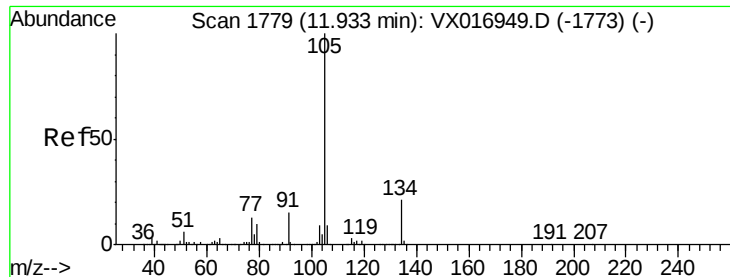
Tgt Ion:119 Resp: 210225
Ion Ratio Lower Upper
119 100
91 57.7 0.0 115.2
134 23.2 0.0 45.8



#80
1,2,4-Trimethylbenzene
Concen: 19.344 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016953.D
Acq: 25 Jun 2020 14:52

Tgt Ion:105 Resp: 219973
Ion Ratio Lower Upper
105 100
120 45.9 0.0 89.8

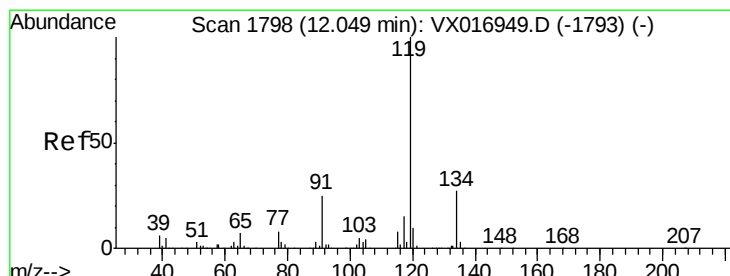
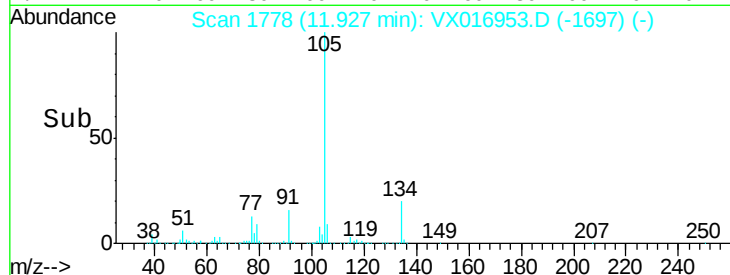
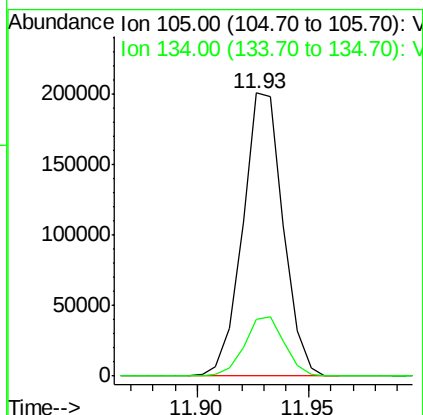
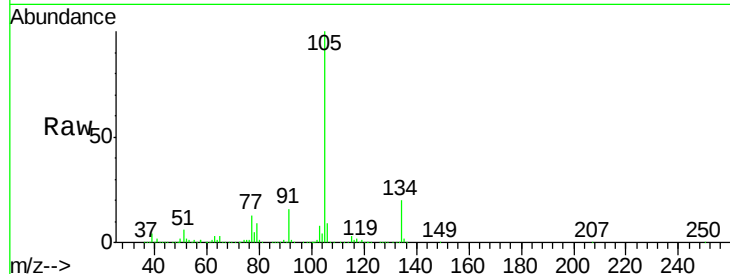




#81
 sec-Butylbenzene
 Concen: 19.326 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX016953.D
 Acq: 25 Jun 2020 14:52

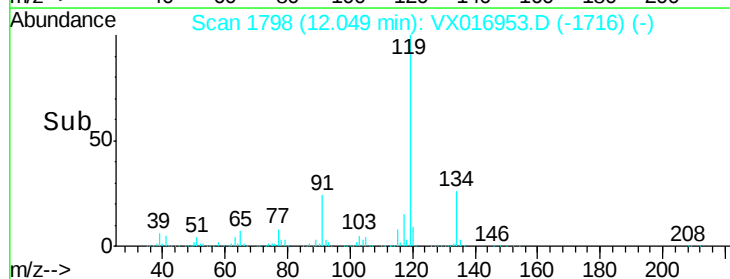
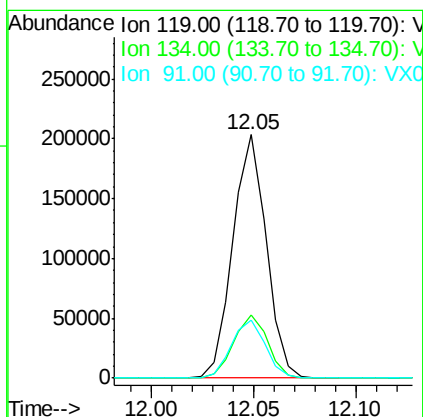
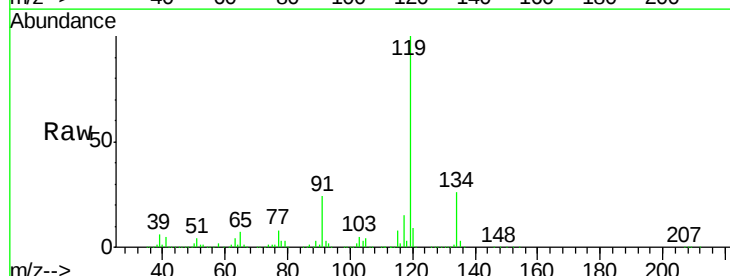
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062520

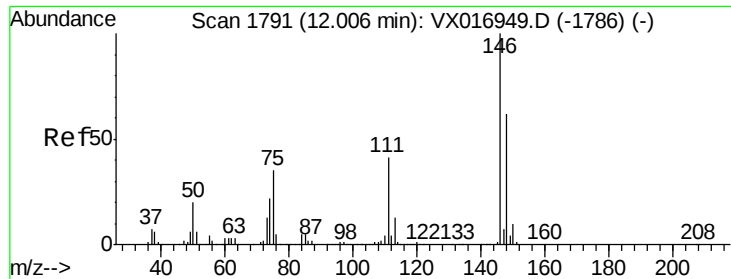
Tgt Ion:105 Resp: 253895
 Ion Ratio Lower Upper
 105 100
 134 20.8 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 19.468 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016953.D
 Acq: 25 Jun 2020 14:52

Tgt Ion:119 Resp: 230929
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 53.0
 91 24.4 0.0 49.0

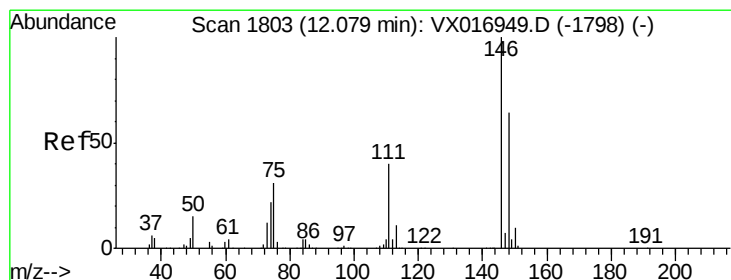
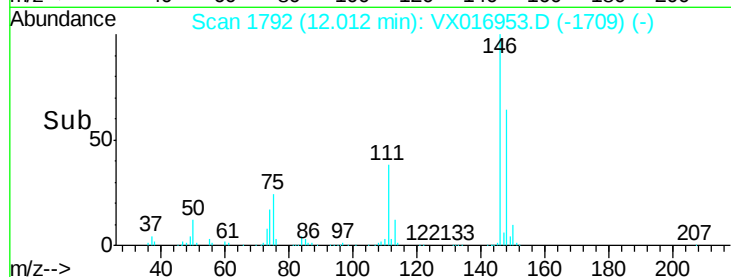
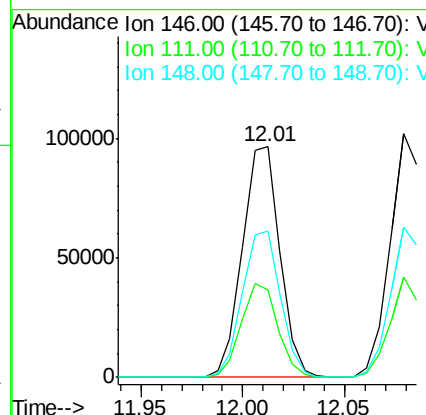
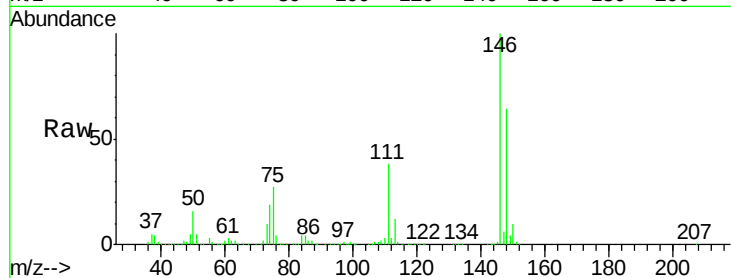




#83
 1,3-Dichlorobenzene
 Concen: 20.262 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX016953.D
 Acq: 25 Jun 2020 14:52

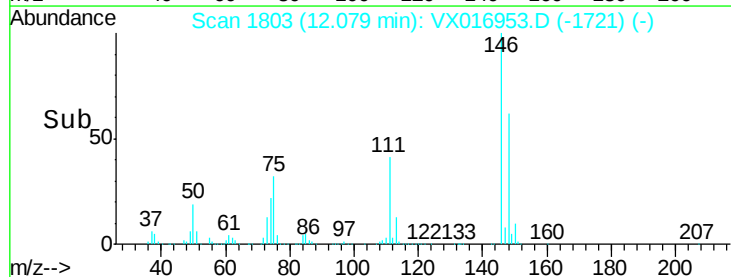
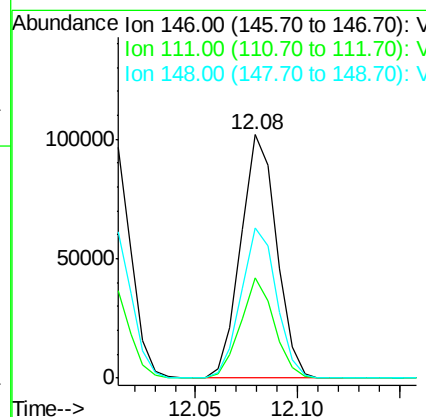
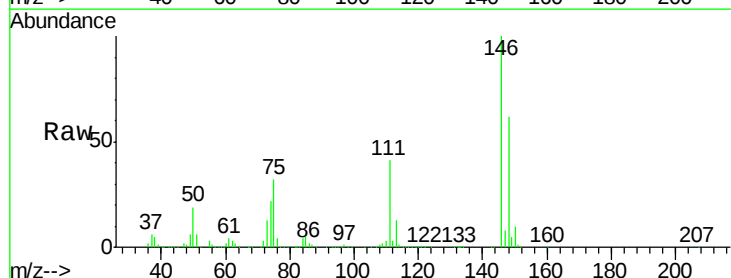
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062520

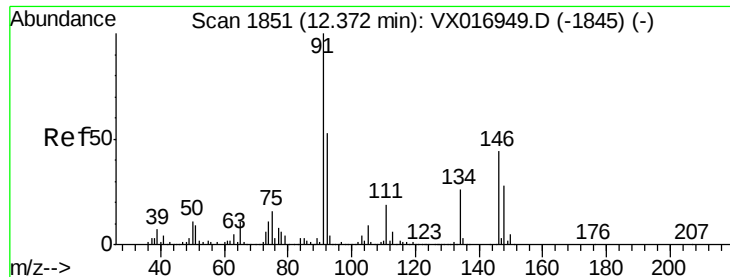
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.5	58.5
148	64.6	31.8	95.4



#84
 1,4-Dichlorobenzene
 Concen: 20.285 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016953.D
 Acq: 25 Jun 2020 14:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.2
148	61.2	32.1	96.3





#85

n-Butylbenzene

Concen: 19.798 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampled :

ICVVX062520

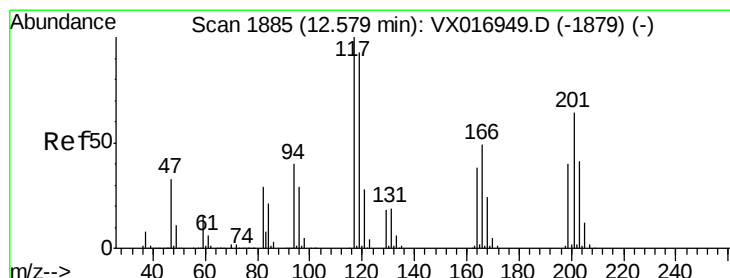
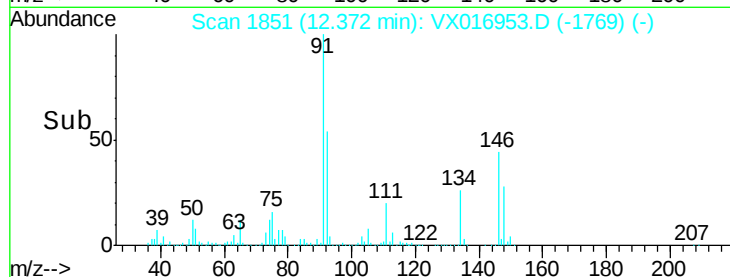
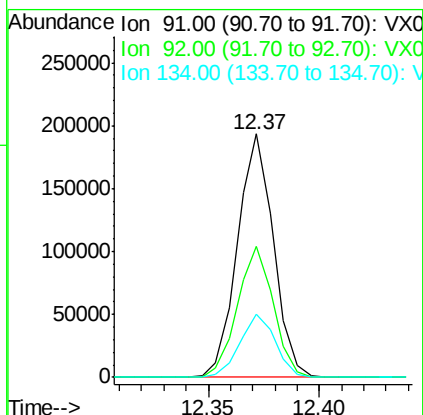
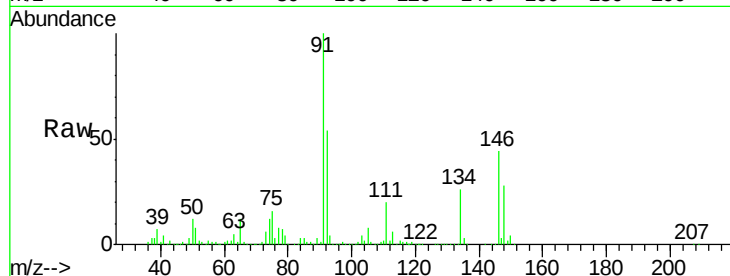
Tgt Ion: 91 Resp: 217380

Ion Ratio Lower Upper

91 100

92 53.8 0.0 105.8

134 25.7 0.0 52.2



#86

Hexachloroethane

Concen: 18.557 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016953.D

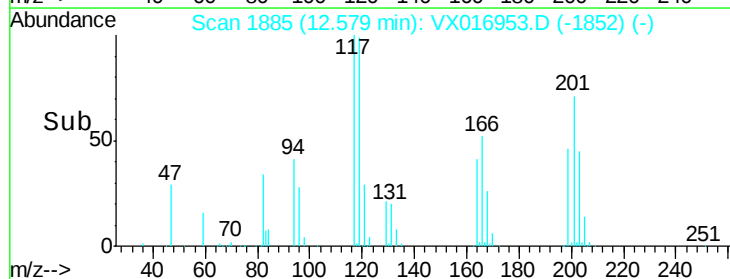
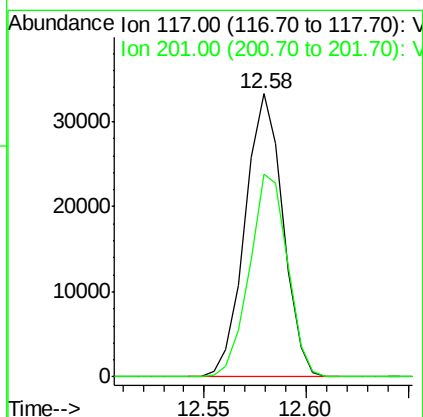
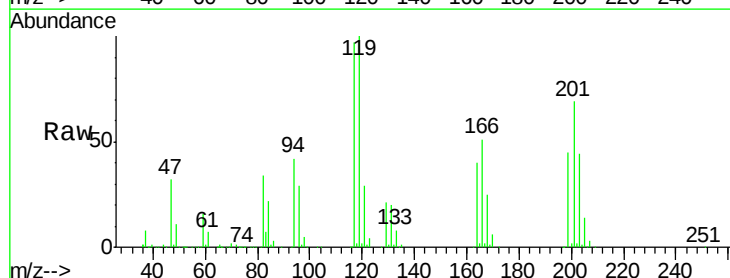
Acq: 25 Jun 2020 14:52

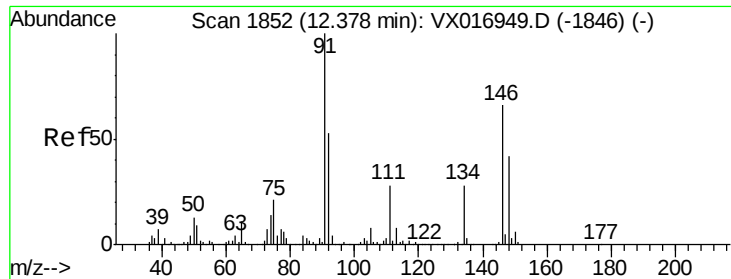
Tgt Ion: 117 Resp: 43078

Ion Ratio Lower Upper

117 100

201 72.1 34.6 103.9





#87

1,2-Dichlorobenzene

Concen: 20.037 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

ICVX062520

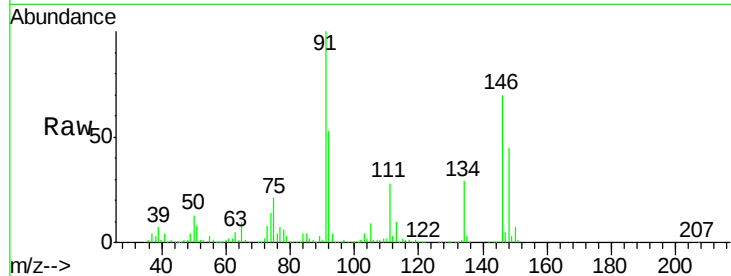
Tgt Ion:146 Resp: 114460

Ion Ratio Lower Upper

146 100

111 41.6 21.1 63.1

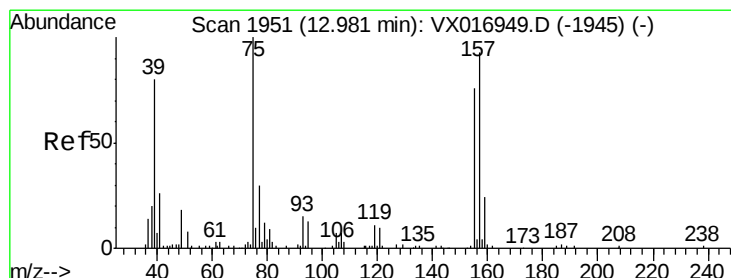
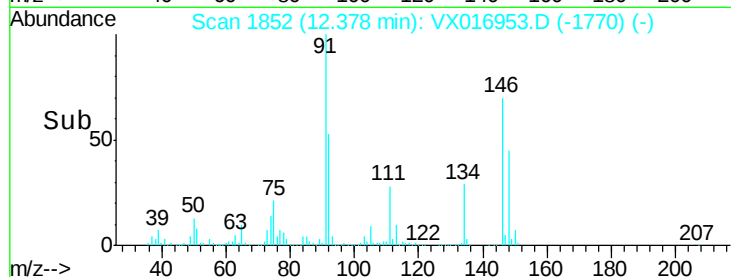
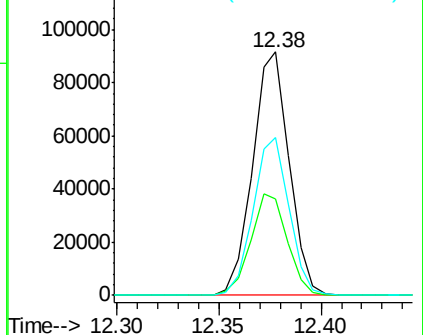
148 63.7 32.1 96.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.562 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

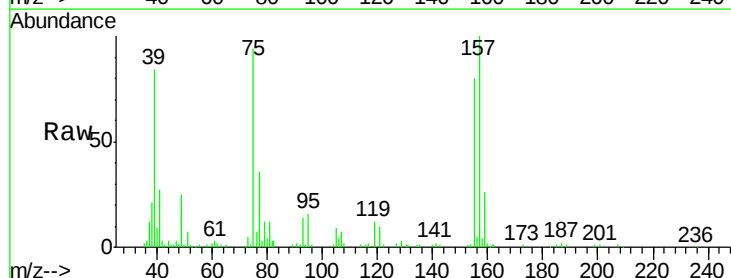
Tgt Ion: 75 Resp: 16559

Ion Ratio Lower Upper

75 100

155 83.9 65.0 97.6

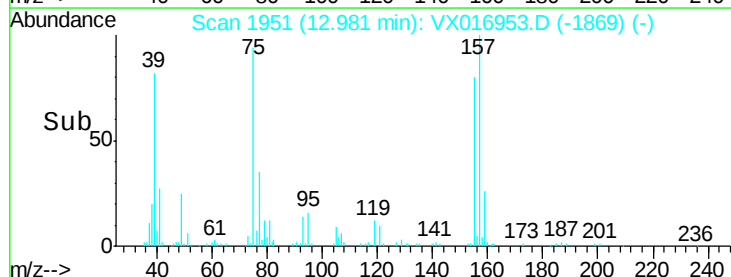
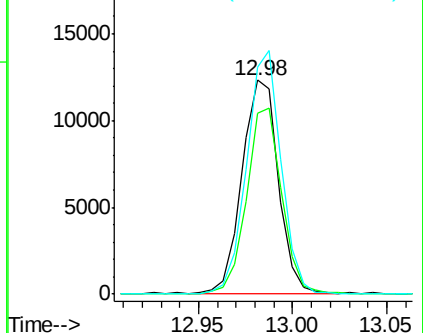
157 107.1 83.0 124.4

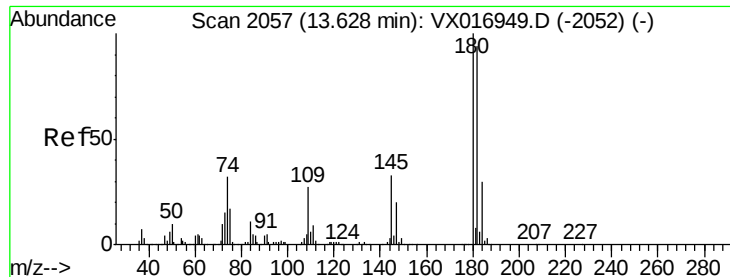


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

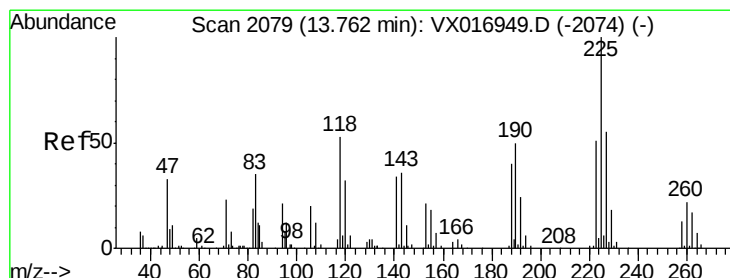
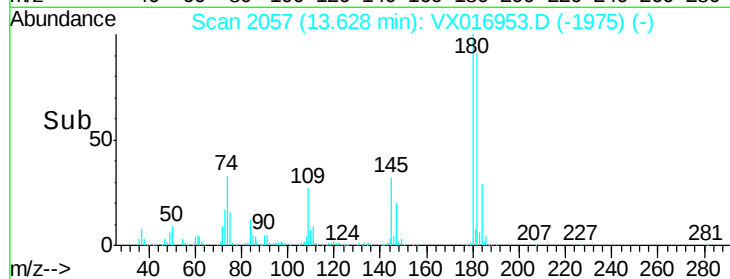
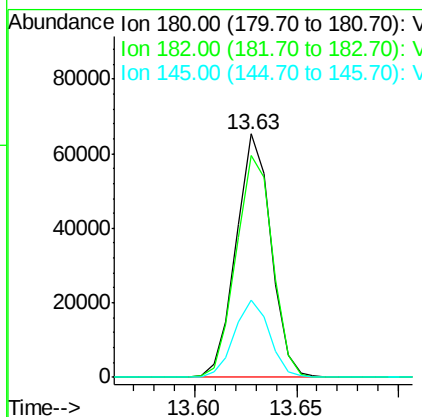
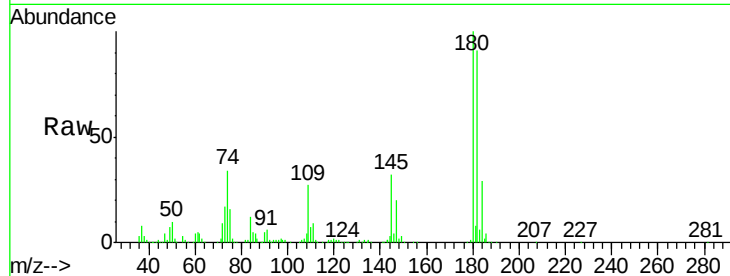




#89
 1,2,4-Trichlorobenzene
 Concen: 20.130 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016953.D
 Acq: 25 Jun 2020 14:52

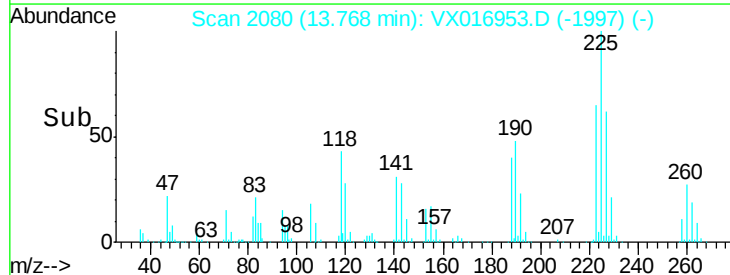
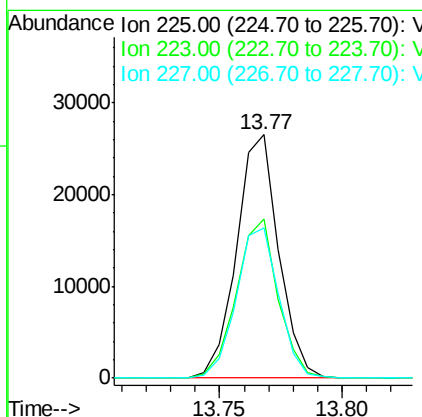
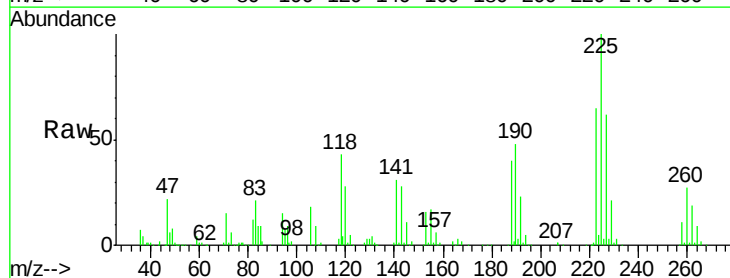
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062520

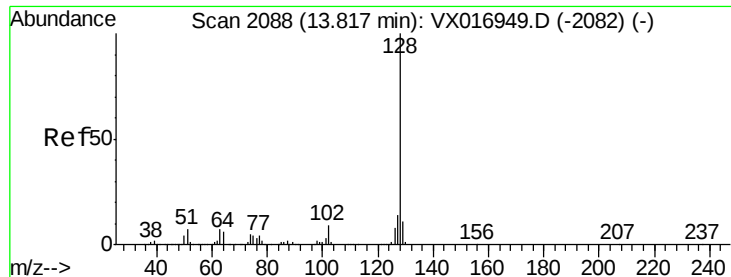
Tgt Ion:180 Resp: 77582
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.7 116.5
 145 31.8 26.2 39.2



#90
 Hexachlorobutadiene
 Concen: 21.669 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX016953.D
 Acq: 25 Jun 2020 14:52

Tgt Ion:225 Resp: 31768
 Ion Ratio Lower Upper
 225 100
 223 64.5 0.0 125.0
 227 62.5 0.0 124.0





#91

Naphthalene

Concen: 19.328 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_X

ClientSampled :

ICVVX062520

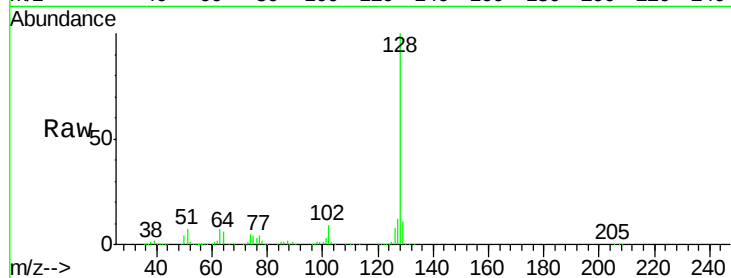
Tgt Ion:128 Resp: 244162

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

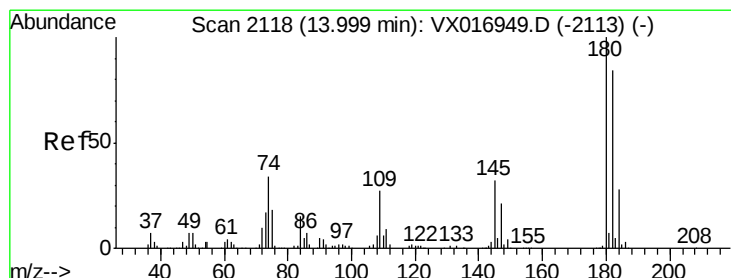
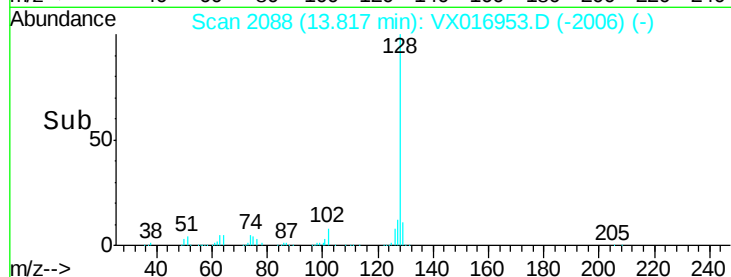
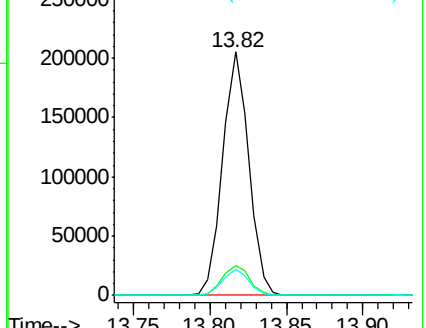
129 10.9 9.0 13.4



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



#92

1,2,3-Trichlorobenzene

Concen: 20.640 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX016953.D

Acq: 25 Jun 2020 14:52

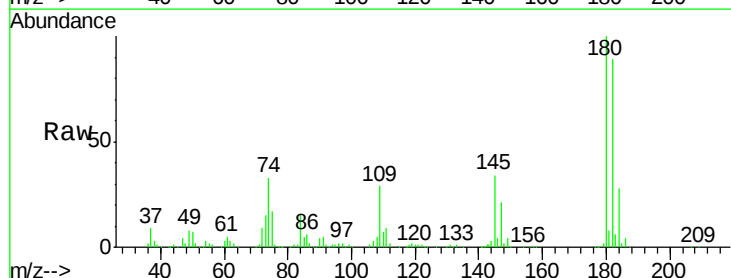
Tgt Ion:180 Resp: 77627

Ion Ratio Lower Upper

180 100

182 92.6 0.0 184.8

145 33.1 0.0 68.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

