

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010721\
 Data File : VX020530.D
 Acq On : 07 Jan 2021 16:55
 Operator : JC/MD
 Sample : L5214-05
 Misc : 5.00µL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 08 00:57:19 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 00:55:52 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	369252	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	350623	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	158389	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	132955	44.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.64%
7) Chloroethane-d5	1.70	69	109128	47.07	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.14%
11) 1,1-Dichloroethene-d2	2.34	63	195754	35.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.66%
21) 2-Butanone-d5	4.53	46	186867	102.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.80%
24) Chloroform-d	5.14	84	260489	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.06%
26) 1,2-Dichloroethane-d4	6.03	65	166772	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
32) Benzene-d6	6.04	84	534194	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.30%
36) 1,2-Dichloropropane-d6	7.37	67	166233	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.94%
41) Toluene-d8	8.70	98	450868	47.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.32%
43) trans-1,3-Dichloropropene-	8.99	79	74542	46.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.96%
47) 2-Hexanone-d5	9.43	63	141139	97.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.98%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	216807	47.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.72%
66) 1,2-Dichlorobenzene-d4	12.36	152	167765	54.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.06%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	8260	2.298 ug/L	99
3) Chloromethane	1.31	50	7825	2.419 ug/L	97
5) Vinyl chloride	1.39	62	8433	2.454 ug/L #	76
6) Bromomethane	1.64	94	4808	2.766 ug/L	98
8) Chloroethane	1.72	64	4968	2.413 ug/L	95
9) Trichlorofluoromethane	1.92	101	10241	2.366 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	8213	3.052 ug/L #	82
12) 1,1-Dichloroethene	2.36	96	7649	2.908 ug/L #	1
13) Acetone	2.43	43	7689	5.161 ug/L	100
14) Carbon disulfide	2.55	76	18212	2.157 ug/L	97
15) Methyl Acetate	2.75	43	6794	2.290 ug/L	99
16) Methylene chloride	2.83	84	13563	4.312 ug/L	98
17) trans-1,2-Dichloroethene	3.14	96	6426	2.269 ug/L	93
18) Methyl tert-butyl Ether	3.16	73	18035	2.107 ug/L	98
19) 1,1-Dichloroethane	3.67	63	11822	2.308 ug/L	98
20) cis-1,2-Dichloroethene	4.57	96	6942	2.242 ug/L	95
22) 2-Butanone	4.64	43	10240	4.650 ug/L	99

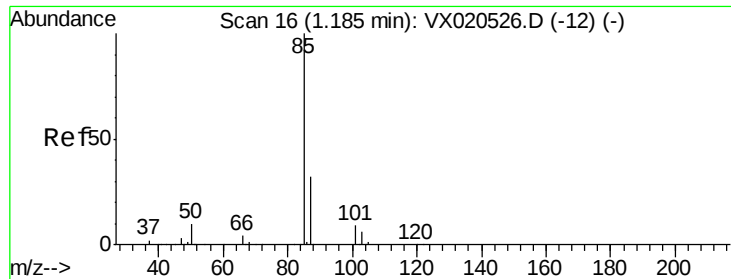
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010721\
 Data File : VX020530.D
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 Operator : JC/MD
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 00:55:52 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	3670	2.292	uq/L	94
25) Chloroform	5.17	83	13619	2.435	uq/L	99
27) 1,2-Dichloroethane	6.16	62	9737	2.362	uq/L	97
29) Cyclohexane	5.54	56	8799	2.035	uq/L	96
30) 1,1,1-Trichloroethane	5.46	97	10259	2.289	uq/L	99
31) Carbon tetrachloride	5.76	117	8539	2.254	uq/L	99
33) Benzene	6.11	78	27513	2.374	uq/L	100
34) Trichloroethene	7.18	95	6855	2.323	uq/L	94
35) Methylcyclohexane	7.44	83	9292	2.094	uq/L	97
37) 1,2-Dichloropropane	7.49	63	7053	2.399	uq/L	98
38) Bromodichloromethane	7.87	83	8687	2.301	uq/L	93
39) cis-1,3-Dichloropropene	8.42	75	9395	2.125	uq/L	98
40) 4-Methyl-2-pentanone	8.62	43	15420	3.993	uq/L	98
42) Toluene	8.76	91	27507	2.266	uq/L	99
44) trans-1,3-Dichloropropene	9.02	75	9711	2.250	uq/L	97
45) 1,1,2-Trichloroethane	9.20	97	6833	2.349	uq/L	97
46) Tetrachloroethene	9.32	164	5189	2.268	uq/L	92
48) 2-Hexanone	9.47	43	14703	4.818	uq/L	97
49) Dibromochloromethane	9.56	129	6312	2.116	uq/L	98
50) 1,2-Dibromoethane	9.65	107	6663	2.211	uq/L #	99
51) Chlorobenzene	10.12	112	17424	2.267	uq/L	97
52) Ethylbenzene	10.23	91	26408	2.034	uq/L	98
53) m,p-Xylene	10.34	106	9177	1.892	uq/L	96
54) o-Xylene	10.68	106	8979	1.908	uq/L	94
55) Styrene	10.70	104	14049	1.763	uq/L	99
57) 1,1,2,2-Tetrachloroethane	11.25	83	10947	2.371	uq/L #	97
59) Bromoform	10.84	173	4349	2.198	uq/L	100
60) Isopropylbenzene	11.00	105	22378	2.004	uq/L	99
61) 1,2,3-Trichloropropane	11.28	75	8441	2.443	uq/L	97
62) 1,3,5-Trimethylbenzene	11.49	105	16441	1.805	uq/L	98
63) 1,2,4-Trimethylbenzene	11.79	105	16372	1.781	uq/L	99
64) 1,3-Dichlorobenzene	12.01	146	11632	2.233	uq/L	97
65) 1,4-Dichlorobenzene	12.08	146	12370	2.350	uq/L	96
67) 1,2-Dichlorobenzene	12.37	146	13190	2.539	uq/L	94
68) 1,2-Dibromo-3-chloropropan	12.98	75	1949	2.230	uq/L	96
69) 1,3,5-Trichlorobenzene	13.15	180	7831	2.189	uq/L	94
70) 1,2,4-trichlorobenzene	13.63	180	6467	2.100	uq/L	95
71) Naphthalene	13.82	128	17130	1.684	uq/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	6711	2.118	uq/L	98

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



#2

Dichlorodifluoromethane

Concen: 2.298 ug/L

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

Instrument :

MSVOA_X

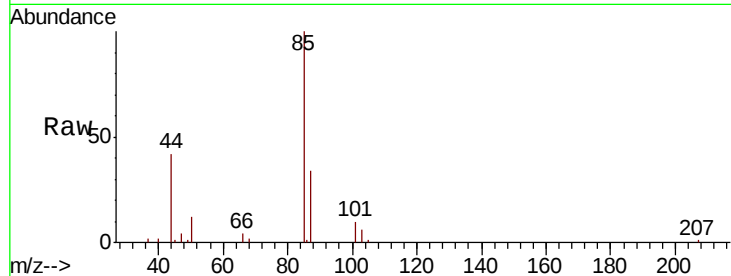
ClientSampled :

Tot Ion: 85 Resp: 8260

Ion Ratio Lower Upper

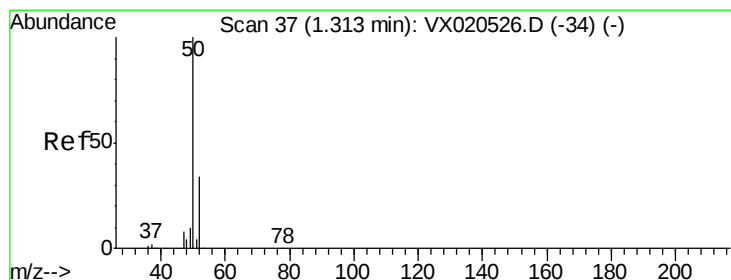
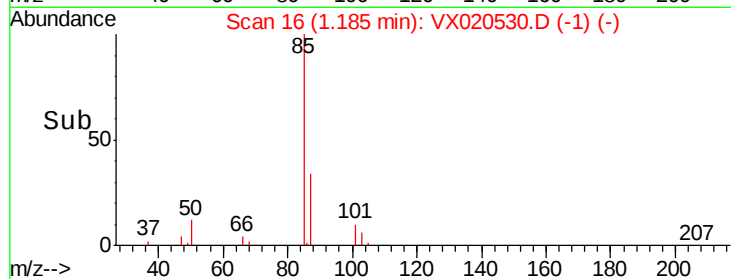
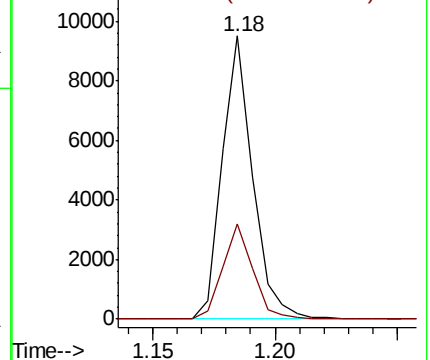
85 100

87 33.2 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#3

Chloromethane

Concen: 2.419 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX020530.D

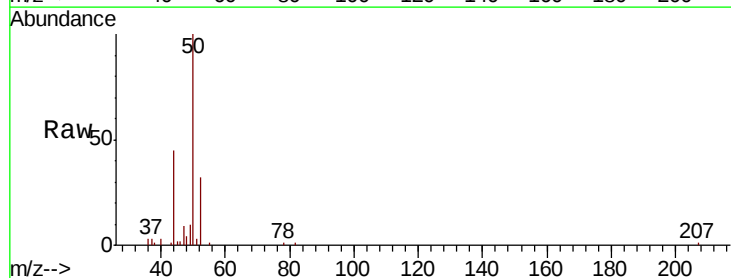
Acq: 07 Jan 2021 16:55

Tgt Ion: 50 Resp: 7825

Ion Ratio Lower Upper

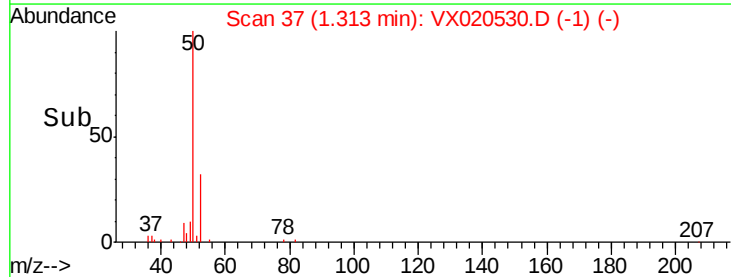
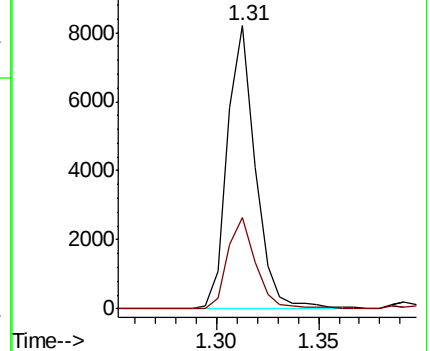
50 100

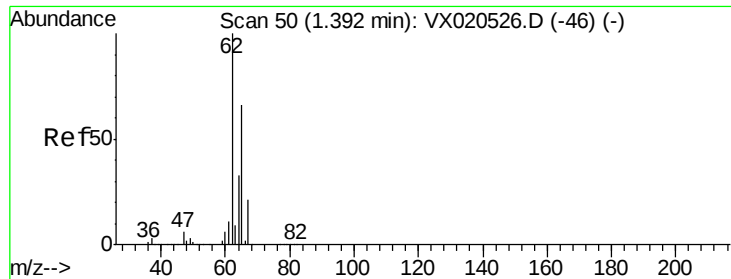
52 32.1 23.7 43.9



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#5

Vinyl chloride

Concen: 2.454 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

Instrument :

MSVOA_X

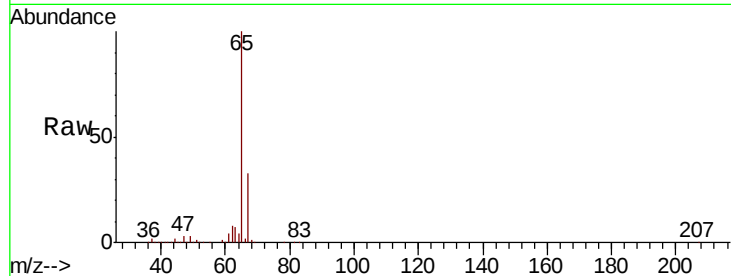
ClientSampleId :

Tot Ion: 62 Resp: 8433

Ion Ratio Lower Upper

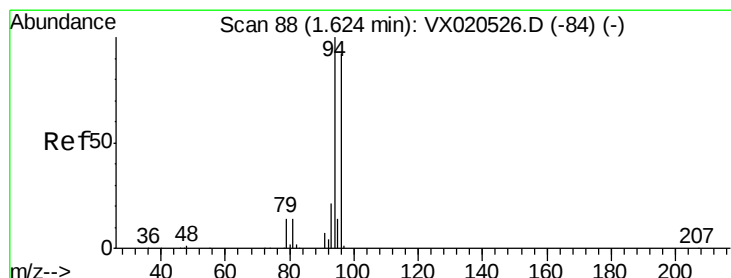
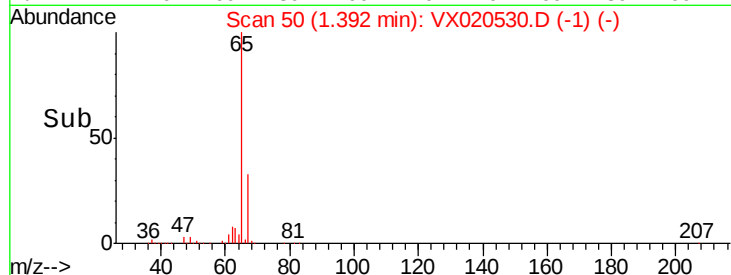
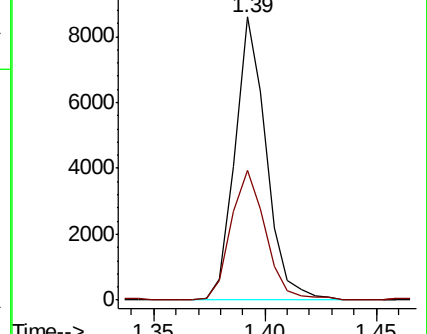
62 100

64 45.9 22.7 42.3#



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0



#6

Bromomethane

Concen: 2.766 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX020530.D

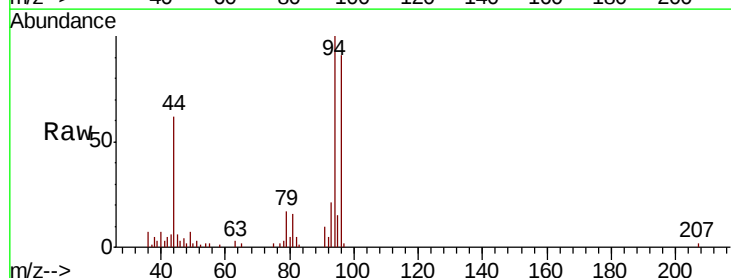
Acq: 07 Jan 2021 16:55

Tgt Ion: 94 Resp: 4808

Ion Ratio Lower Upper

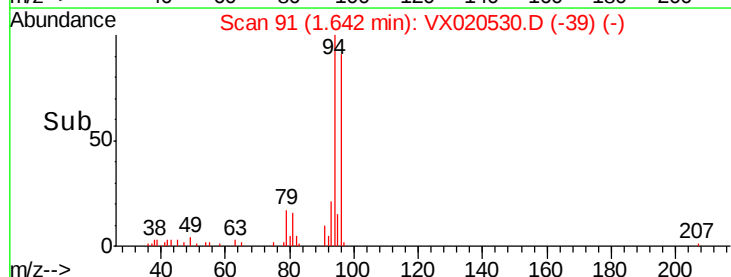
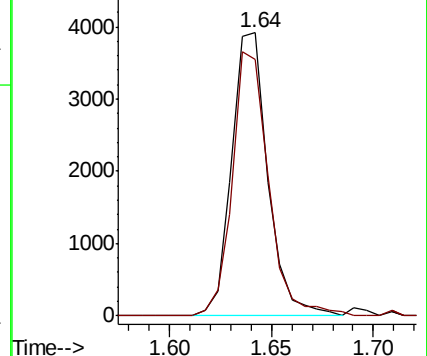
94 100

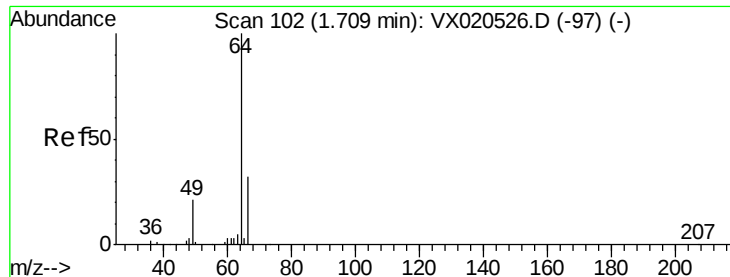
96 90.8 64.8 120.3



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0





#8

Chloroethane

Concen: 2.413 ug/L

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

Instrument :

MSVOA_X

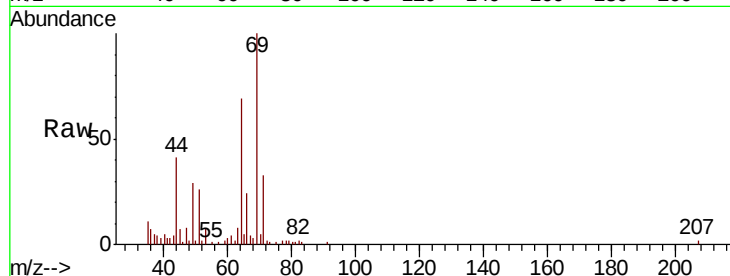
ClientSampled :

Tot Ion: 64 Resp: 4968

Ion Ratio Lower Upper

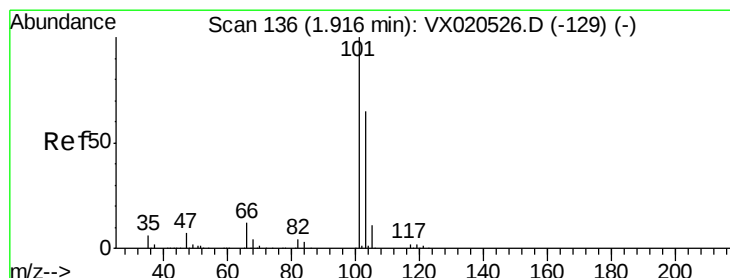
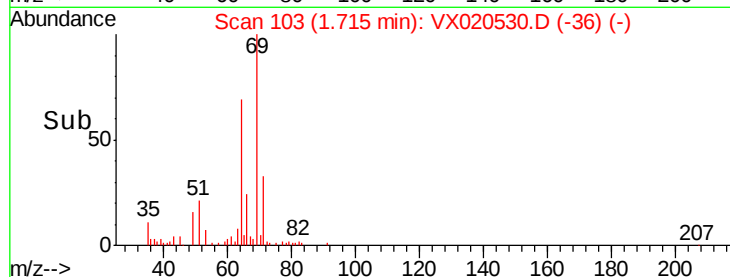
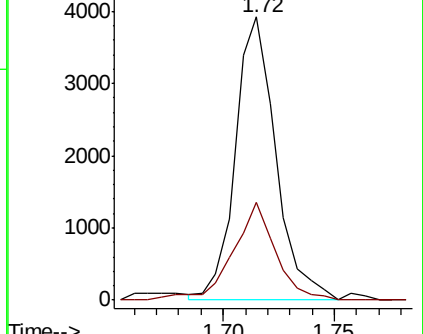
64 100

66 34.5 22.0 41.0



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



#9

Trichlorofluoromethane

Concen: 2.366 ug/L

RT: 1.92 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX020530.D

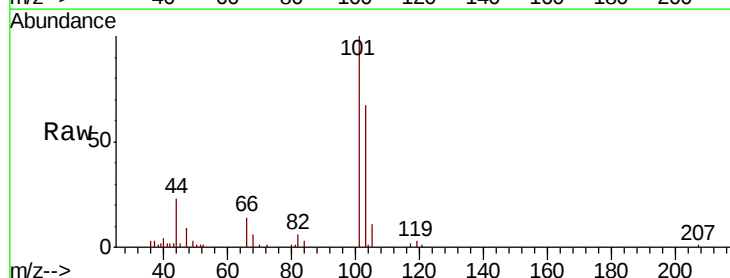
Acq: 07 Jan 2021 16:55

Tgt Ion: 101 Resp: 10241

Ion Ratio Lower Upper

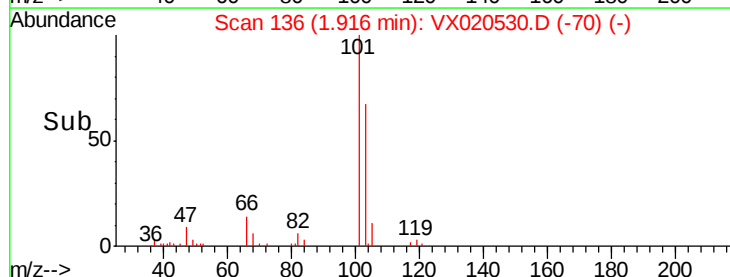
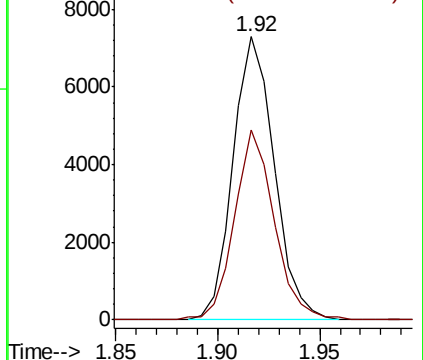
101 100

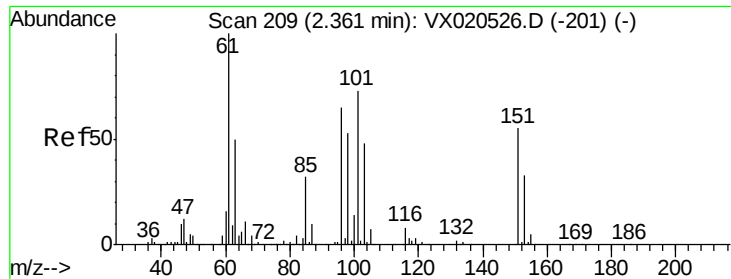
103 64.8 52.2 78.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 3.052 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

Instrument :

MSVOA_X

ClientSampled :

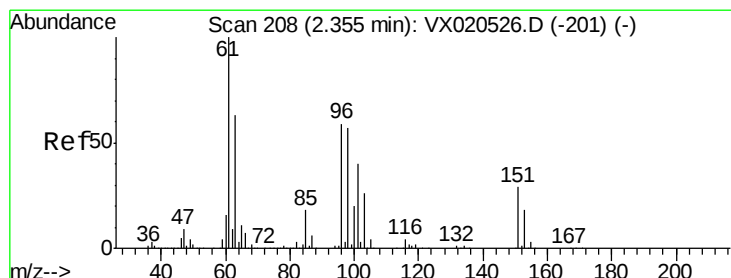
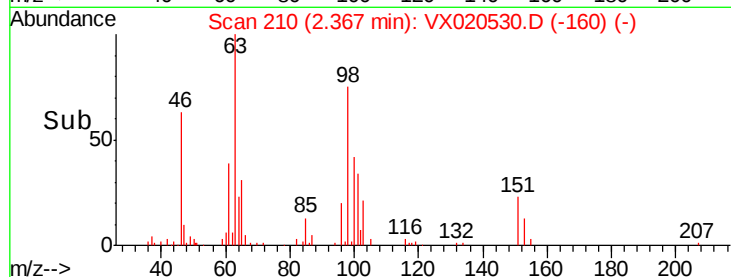
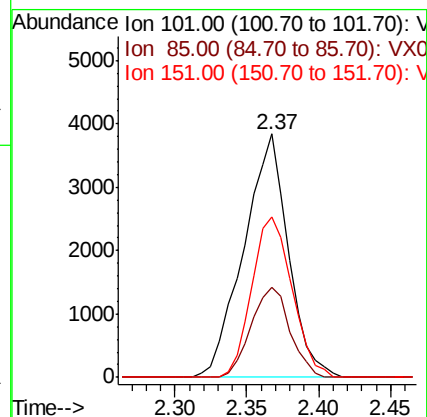
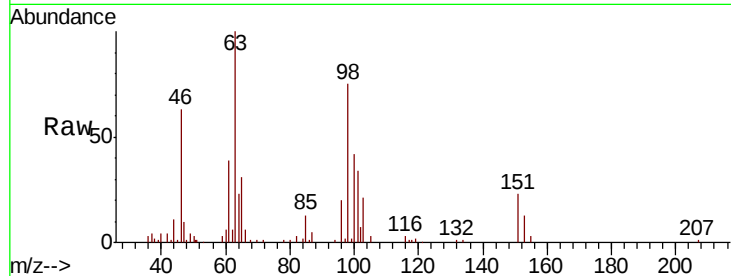
Tot Ion:101 Resp: 8213

Ion Ratio Lower Upper

101 100

85 32.3 34.3 51.5#

151 59.5 60.7 91.1#



#12

1,1-Dichloroethene

Concen: 2.908 ug/L

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

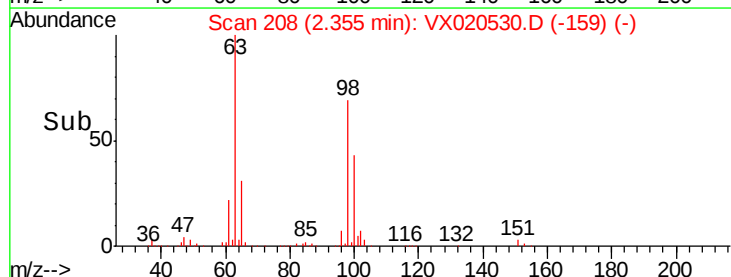
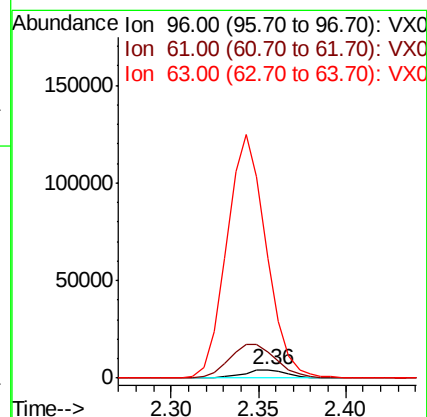
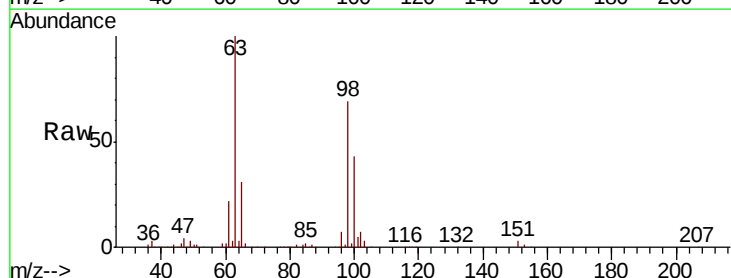
Tgt Ion: 96 Resp: 7649

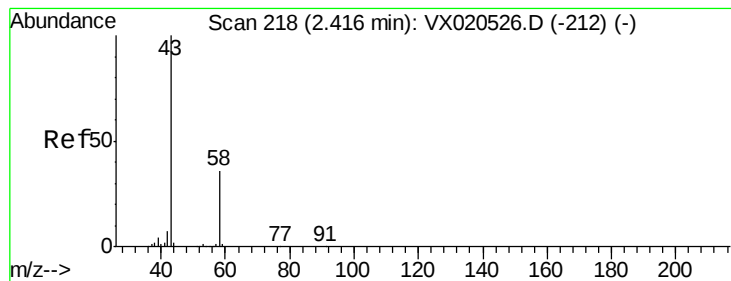
Ion Ratio Lower Upper

96 100

61 313.9 115.5 214.5#

63 1459.2 77.3 143.7#





#13

Acetone

Concen: 5.161 ug/L

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

Instrument :

MSVOA_X

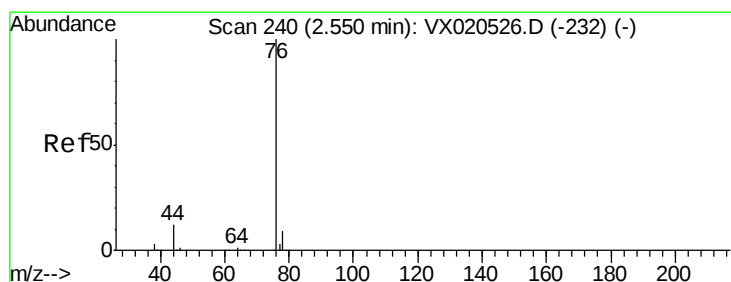
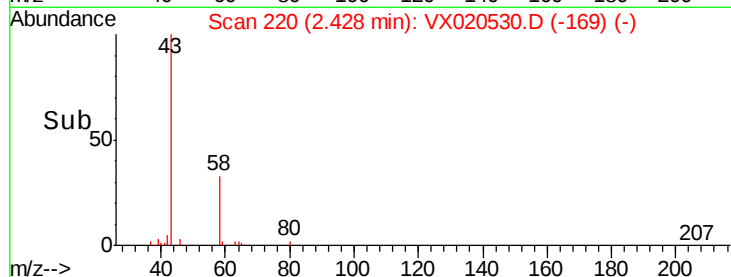
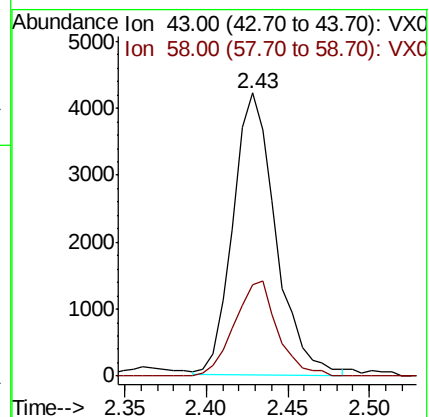
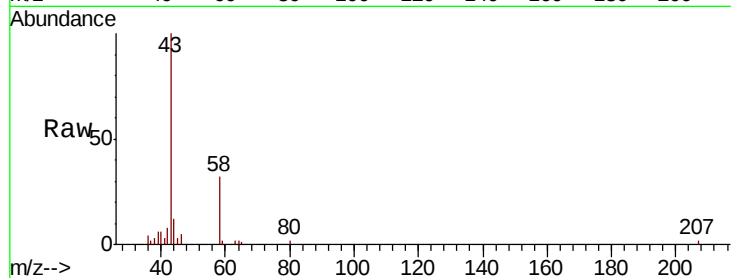
ClientSampleId :

Tot Ion: 43 Resp: 7689

Ion Ratio Lower Upper

43 100

58 34.0 0.0 68.2



#14

Carbon disulfide

Concen: 2.157 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX020530.D

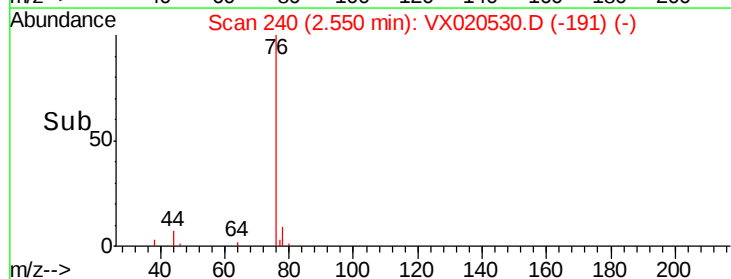
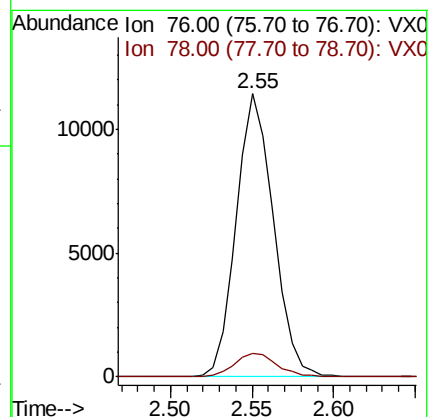
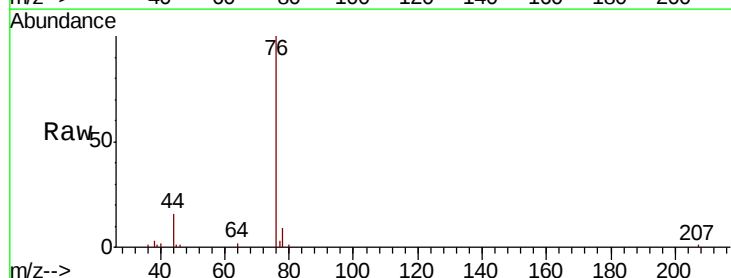
Acq: 07 Jan 2021 16:55

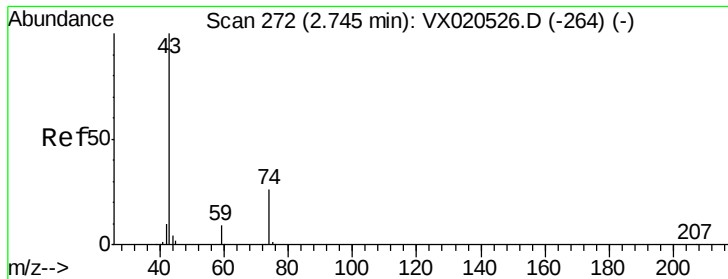
Tgt Ion: 76 Resp: 18212

Ion Ratio Lower Upper

76 100

78 8.5 7.6 11.4

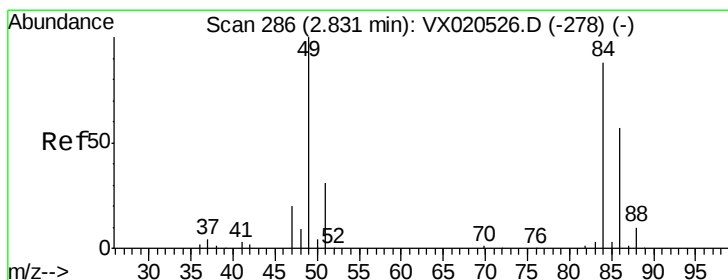
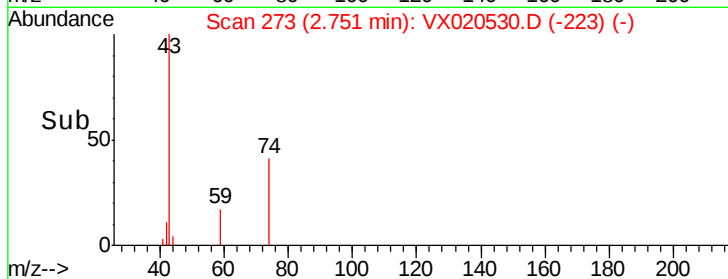
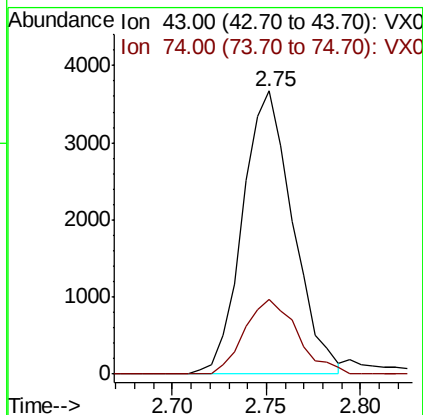
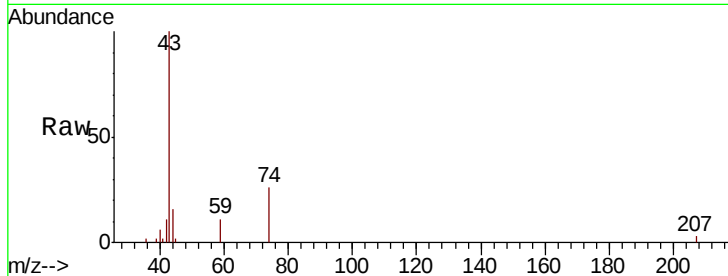




#15
Methyl Acetate
Concen: 2.290 ug/L
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

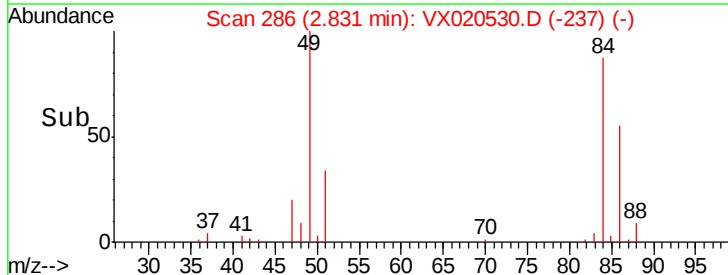
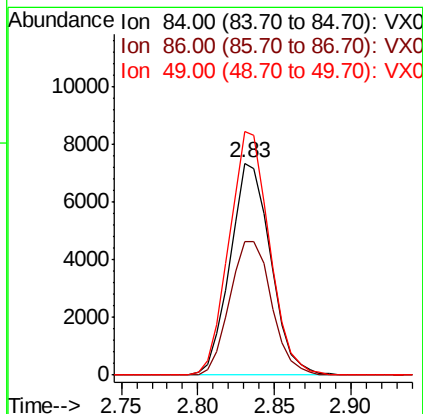
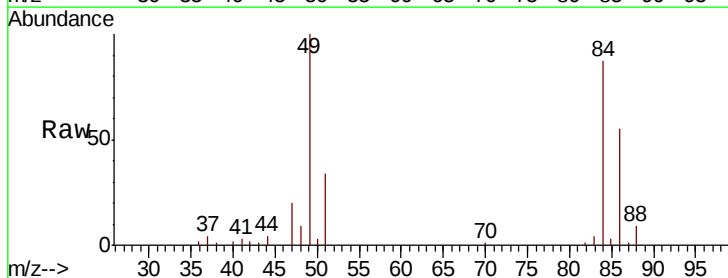
Instrument :
MSVOA_X
ClientSampled :

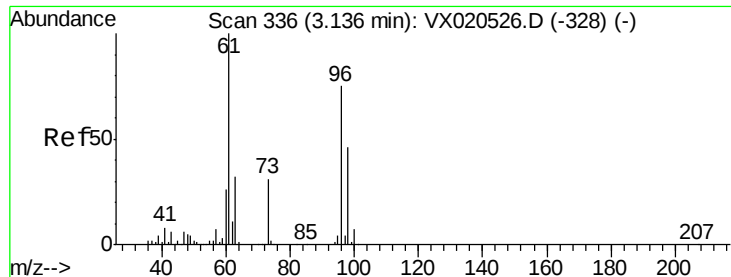
Tot Ion: 43 Resp: 6794
Ion Ratio Lower Upper
43 100
74 27.6 21.7 32.5



#16
Methylene chloride
Concen: 4.312 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion: 84 Resp: 13563
Ion Ratio Lower Upper
84 100
86 62.8 44.2 82.0
49 114.8 77.8 144.6

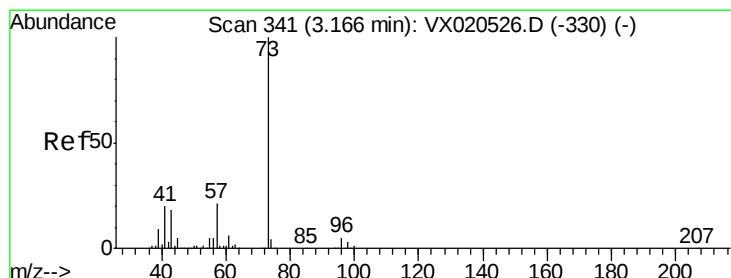
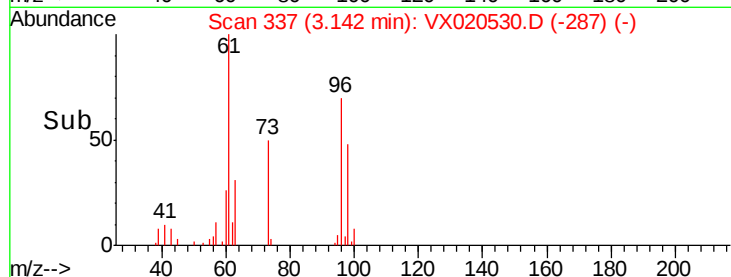
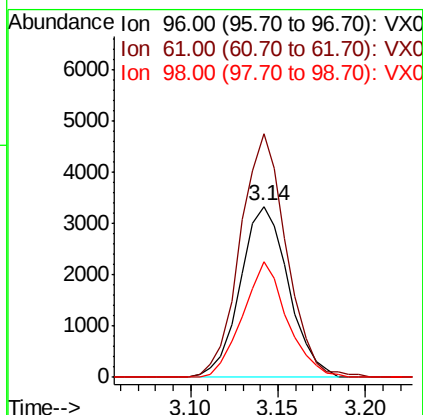
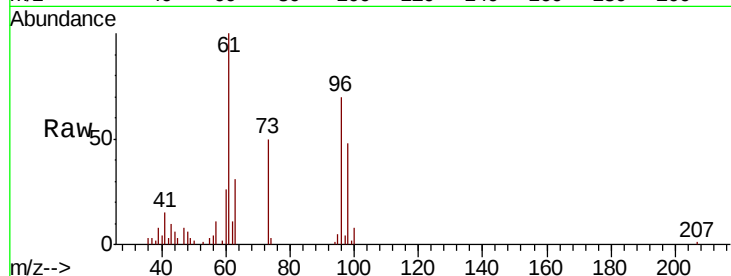




#17
trans-1,2-Dichloroethene
Concen: 2.269 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

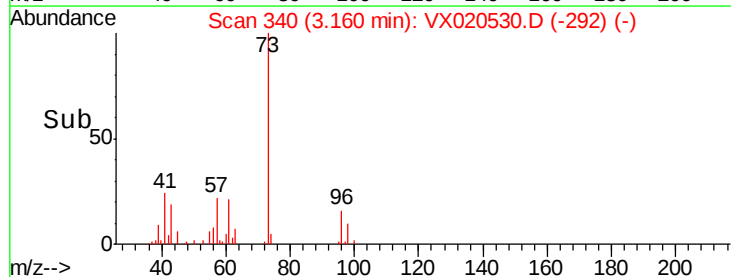
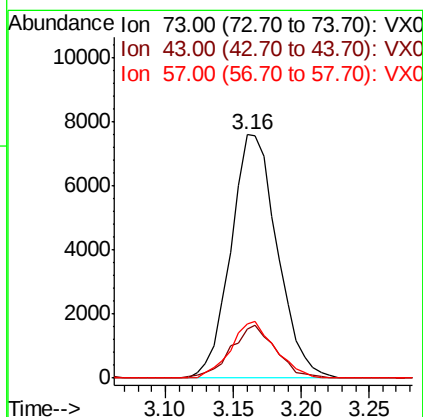
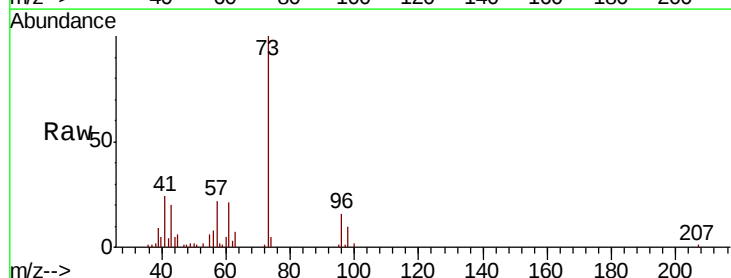
Instrument :
MSVOA_X
ClientSampleId :

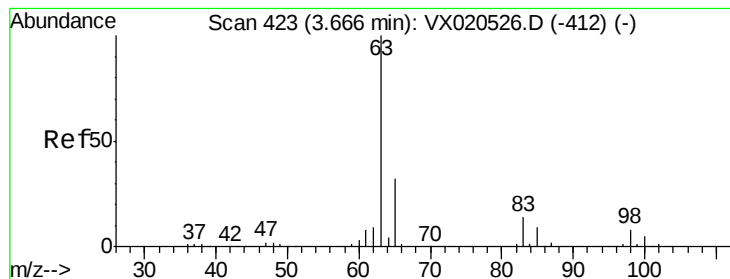
Tot Ion: 96 Resp: 6426
Ion Ratio Lower Upper
96 100
61 142.3 92.3 171.3
98 67.7 46.3 85.9



#18
Methyl tert-butyl Ether
Concen: 2.107 ug/L
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion: 73 Resp: 18035
Ion Ratio Lower Upper
73 100
43 21.0 15.1 22.7
57 22.0 17.4 26.2





#19

1,1-Dichloroethane

Concen: 2.308 ug/L

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

Instrument :

MSVOA_X

ClientSampleId :

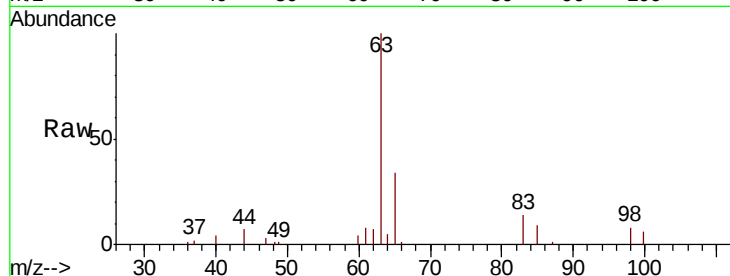
Tot Ion: 63 Resp: 11822

Ion Ratio Lower Upper

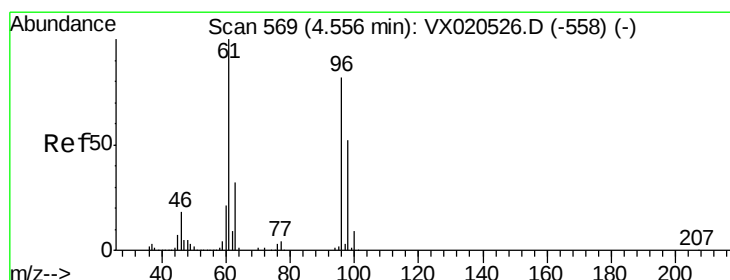
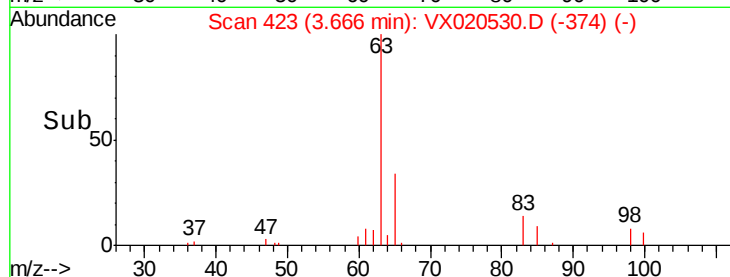
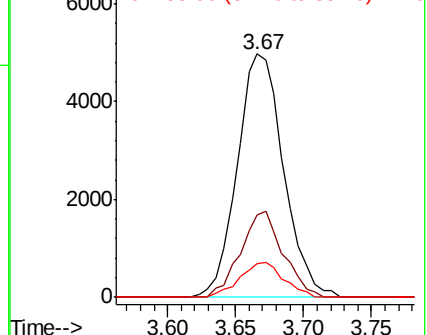
63 100

65 33.9 22.4 41.6

83 13.6 9.5 17.7



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 65.00 (64.70 to 65.70): VX0
Ion 83.00 (82.70 to 83.70): VX0



#20

cis-1,2-Dichloroethene

Concen: 2.242 ug/L

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

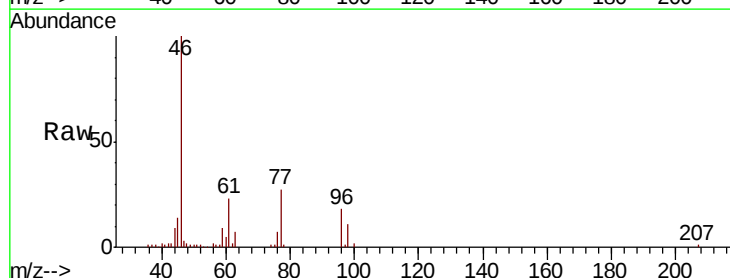
Tgt Ion: 96 Resp: 6942

Ion Ratio Lower Upper

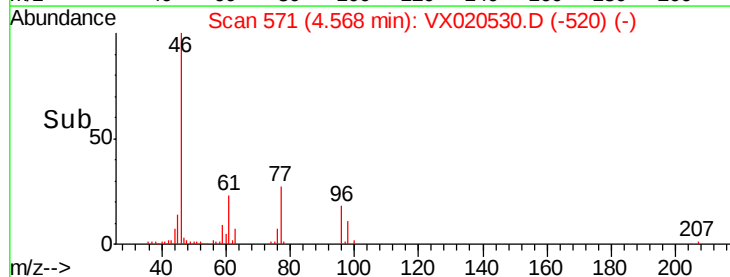
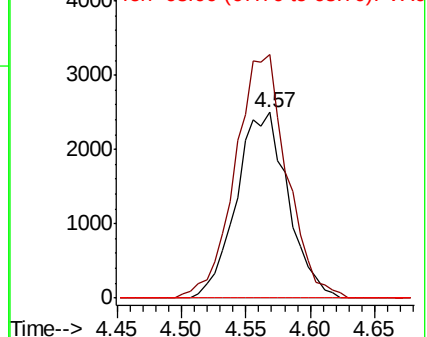
96 100

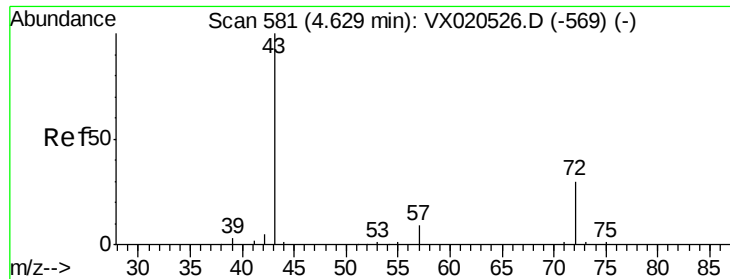
61 131.1 87.8 163.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 68.00 (67.70 to 68.70): VX0





#22

2-Butanone

Concen: 4.650 ug/L

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

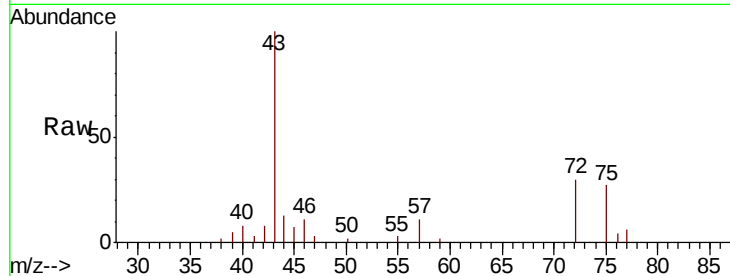
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 10240

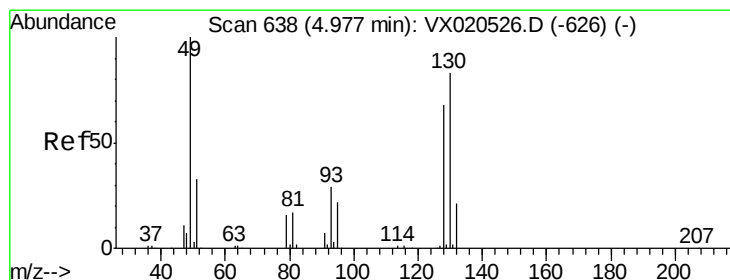
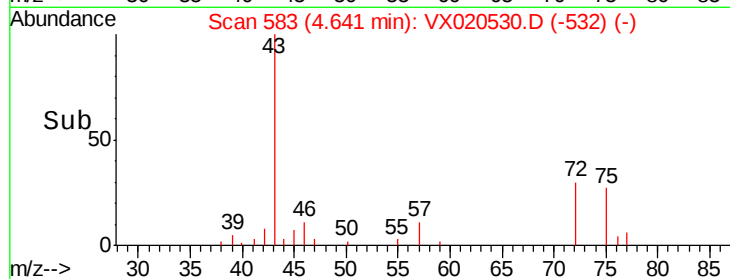
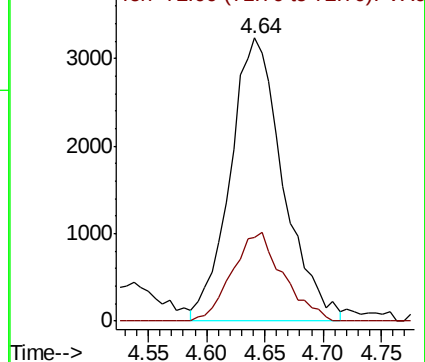
Ion Ratio Lower Upper

43 100

72 30.0 15.3 45.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



#23

Bromochloromethane

Concen: 2.292 ug/L

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

Tgt Ion:128 Resp: 3670

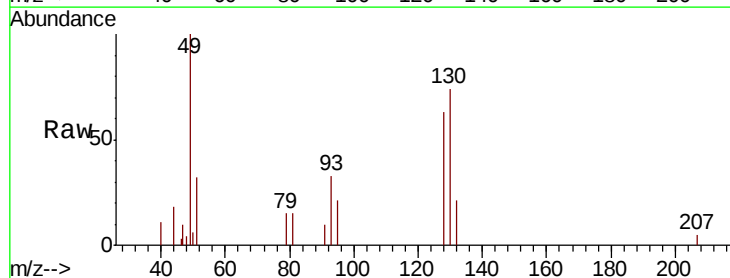
Ion Ratio Lower Upper

128 100

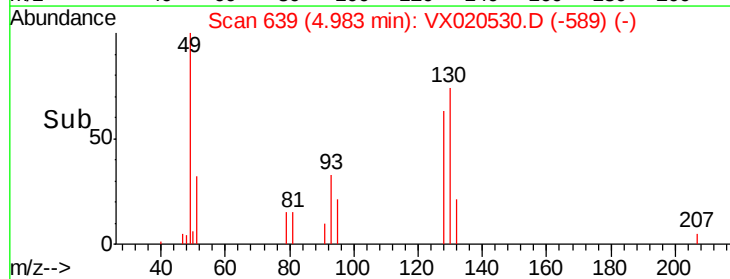
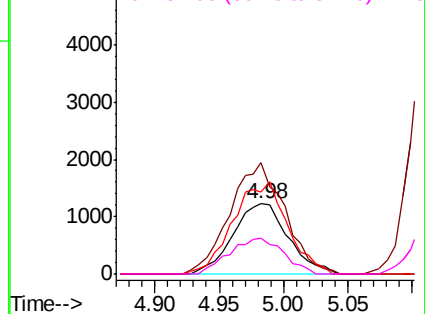
49 158.6 107.5 199.7

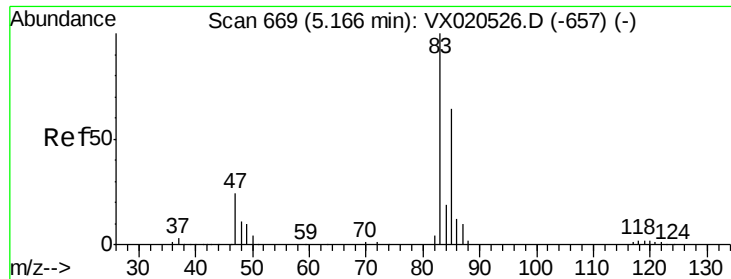
130 117.4 91.1 169.3

51 51.0 40.3 60.5



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
Ion 51.00 (50.70 to 51.70): VX0

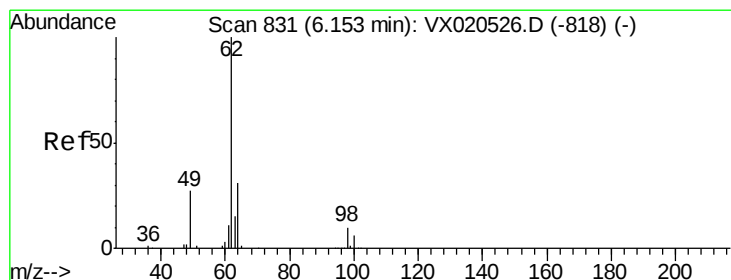
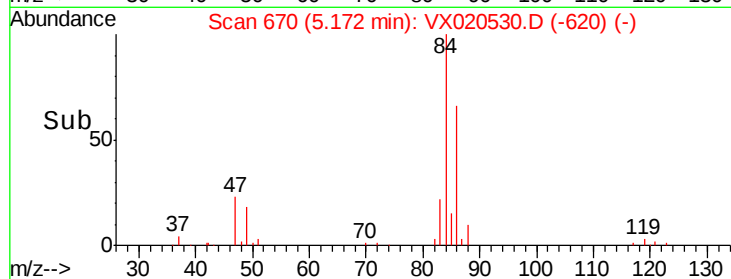
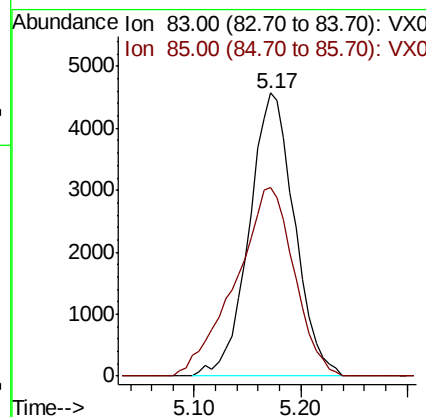
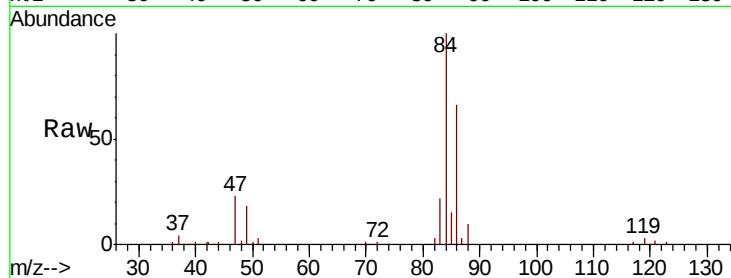




#25
Chloroform
Concen: 2.435 ug/L
RT: 5.17 min Scan# 670
Delta R.T. 0.01 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

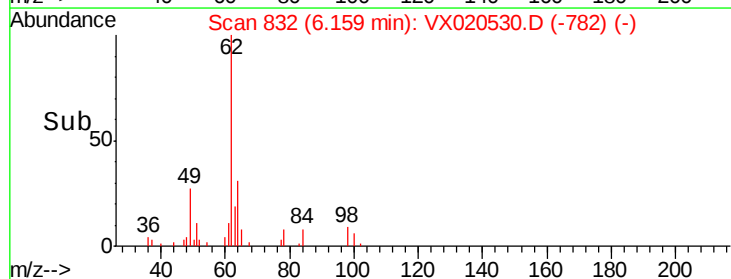
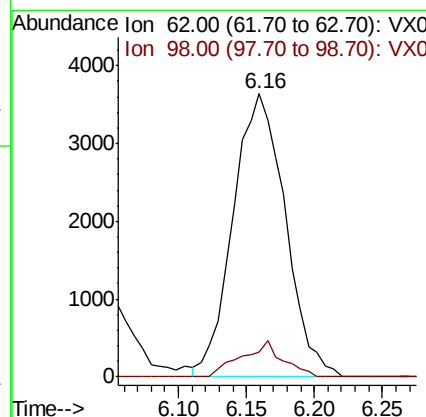
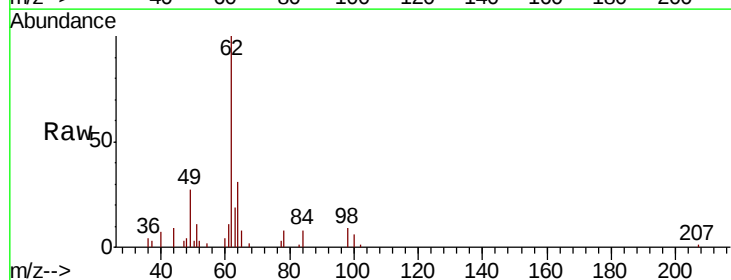
Instrument :
MSVOA_X
ClientSampled :

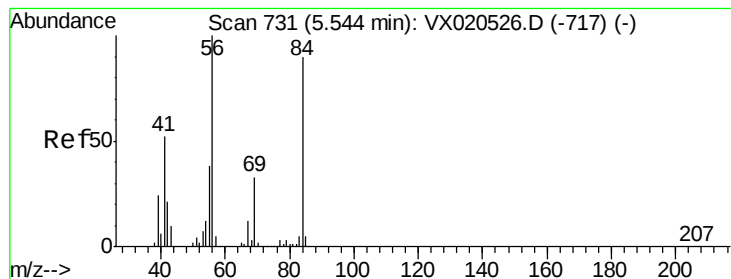
Tot Ion: 83 Resp: 13619
Ion Ratio Lower Upper
83 100
85 66.6 46.3 85.9



#27
1,2-Dichloroethane
Concen: 2.362 ug/L
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion: 62 Resp: 9737
Ion Ratio Lower Upper
62 100
98 8.8 7.9 11.9





#29

Cyclohexane

Concen: 2.035 ug/L

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

Instrument :

MSVOA_X

ClientSampleId :

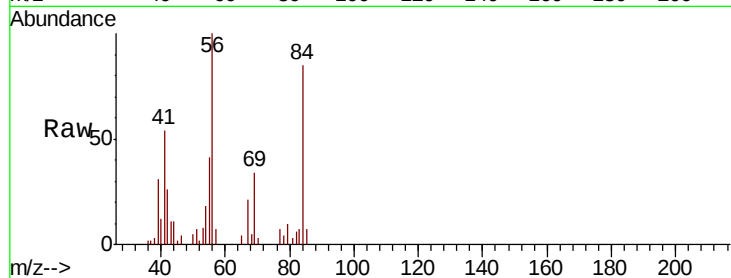
Tot Ion: 56 Resp: 8799

Ion Ratio Lower Upper

56 100

69 34.2 25.7 38.5

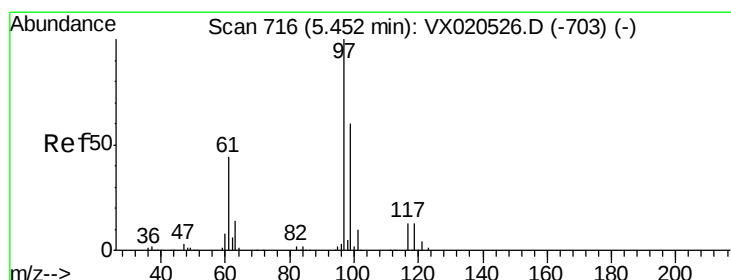
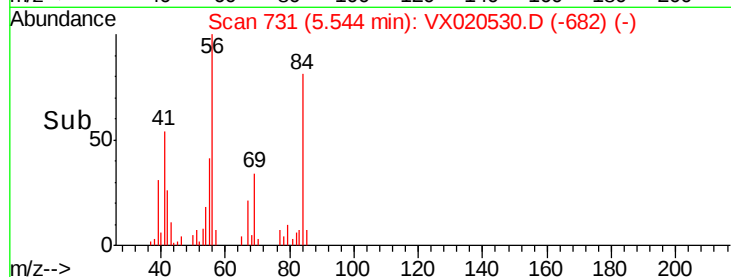
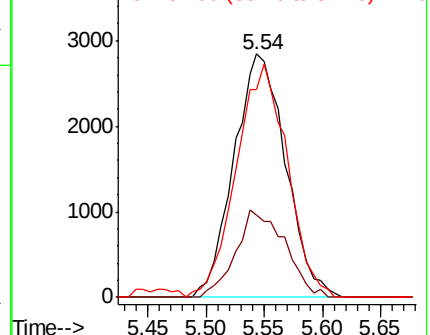
84 94.3 72.4 108.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#30

1,1,1-Trichloroethane

Concen: 2.289 ug/L

RT: 5.46 min Scan# 717

Delta R.T. 0.01 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

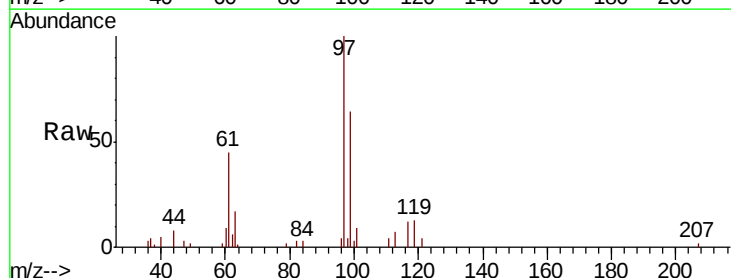
Tgt Ion: 97 Resp: 10259

Ion Ratio Lower Upper

97 100

99 65.8 52.1 78.1

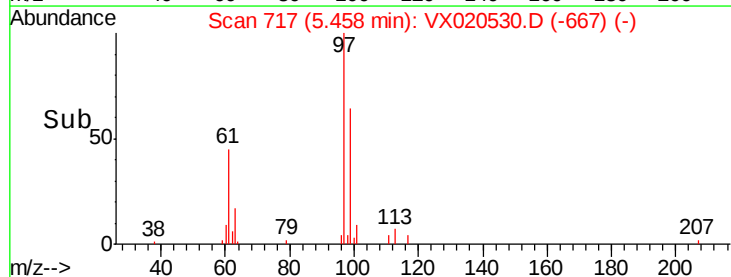
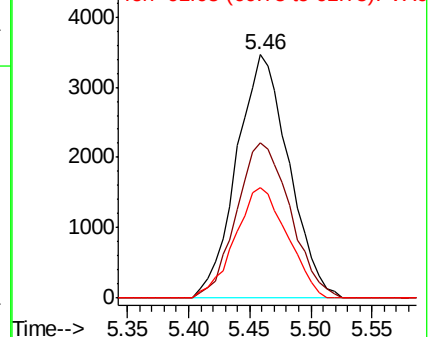
61 45.4 35.3 52.9

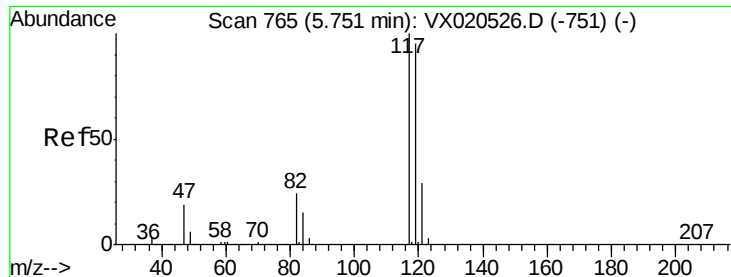


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.05 (60.75 to 61.75): VX0



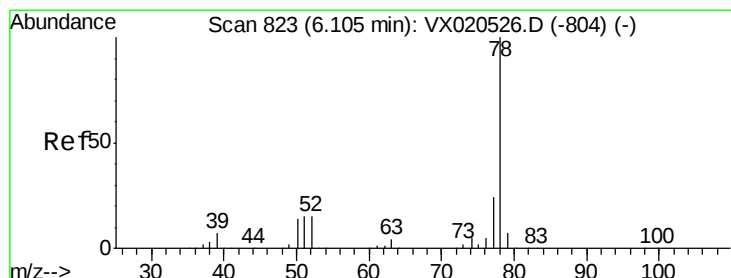
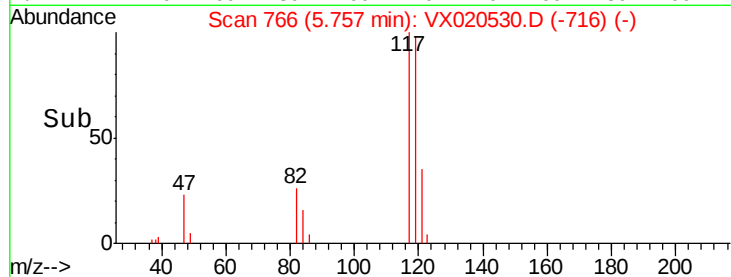
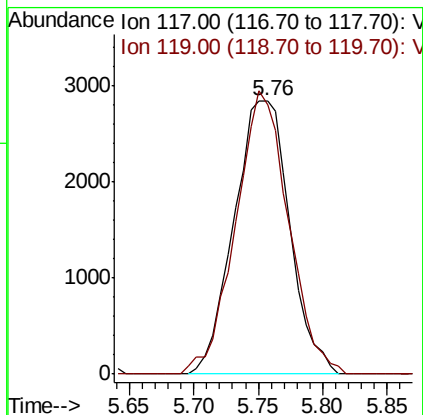
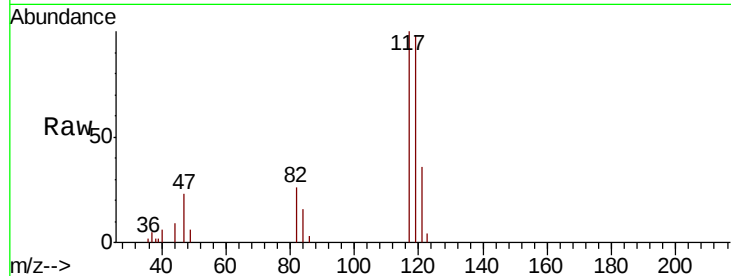


#31

Carbon tetrachloride
Concen: 2.254 ug/L
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Instrument :
MSVOA_X
ClientSampleId :

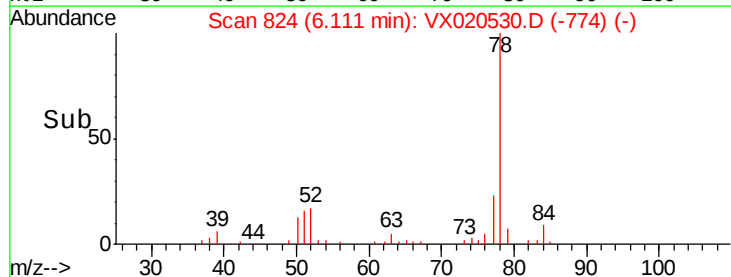
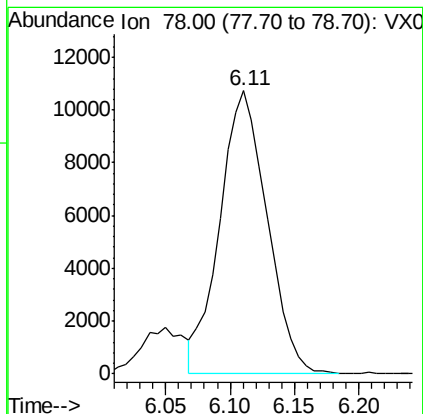
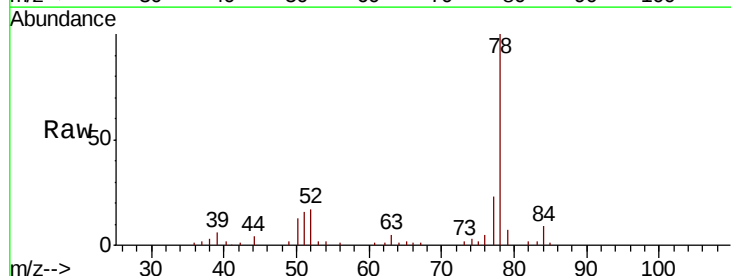
Tot Ion:117 Resp: 8539
Ion Ratio Lower Upper
117 100
119 98.2 77.5 116.3

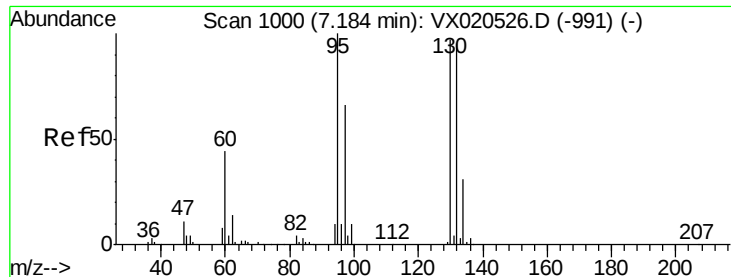


#33

Benzene
Concen: 2.374 ug/L
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion: 78 Resp: 27513

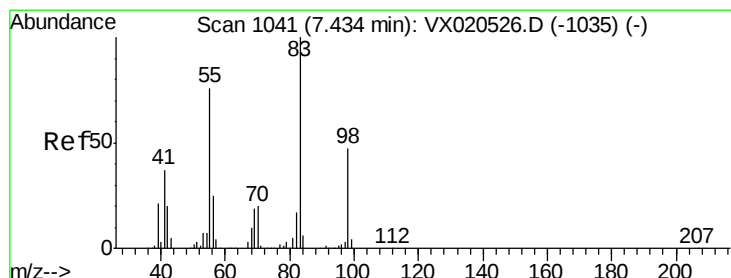
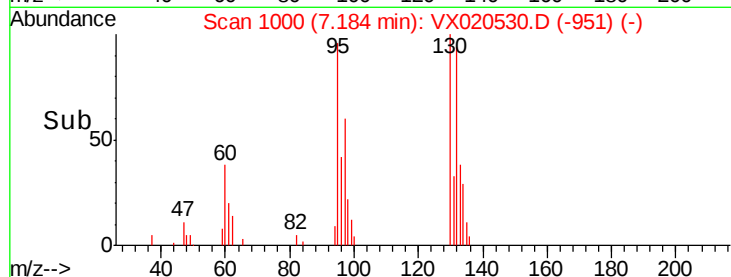
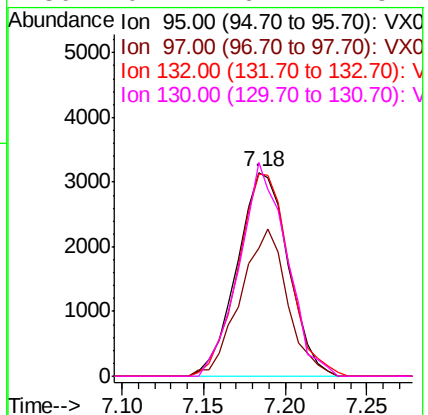
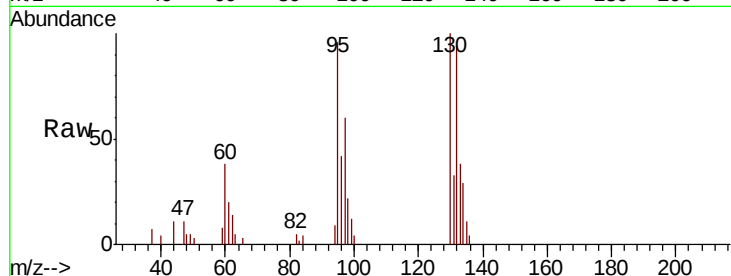




#34
 Trichloroethene
 Concen: 2.323 ug/L
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX020530.D
 Acq: 07 Jan 2021 16:55

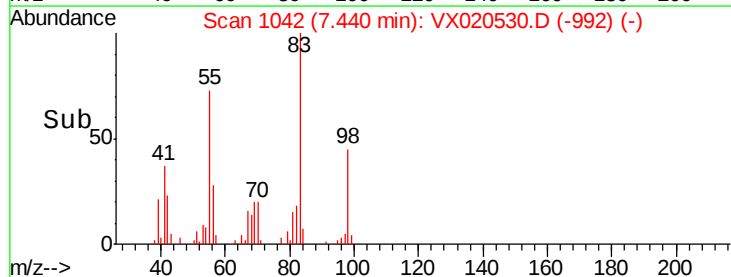
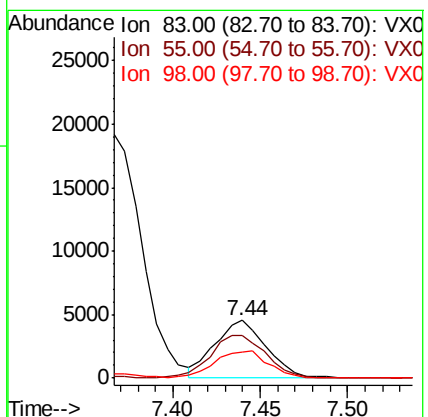
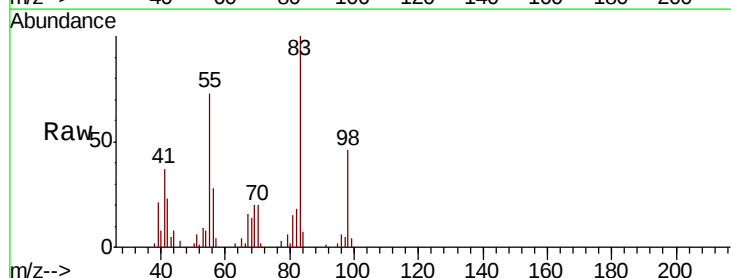
Instrument :
 MSVOA_X
 ClientSampleId :

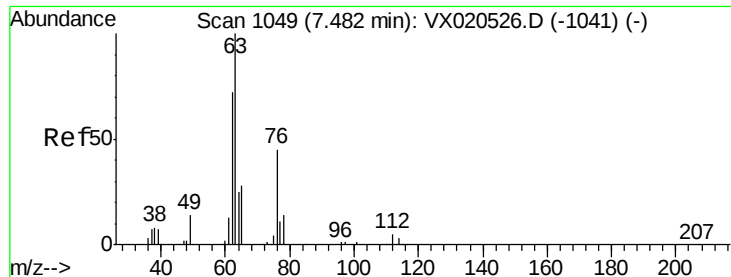
Tot Ion: 95 Resp: 6855
 Ion Ratio Lower Upper
 95 100
 97 62.5 44.5 82.7
 132 98.9 65.2 121.0
 130 104.7 67.7 125.7



#35
 Methylcyclohexane
 Concen: 2.094 ug/L
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: VX020530.D
 Acq: 07 Jan 2021 16:55

Tgt Ion: 83 Resp: 9292
 Ion Ratio Lower Upper
 83 100
 55 79.9 61.2 91.8
 98 49.9 38.7 58.1





#37

1,2-Dichloropropane

Concen: 2.399 ug/L

RT: 7.49 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

Instrument :

MSVOA_X

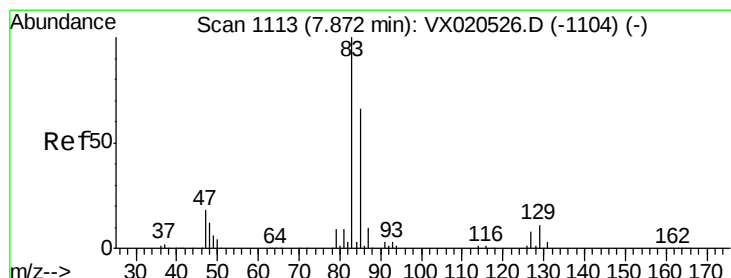
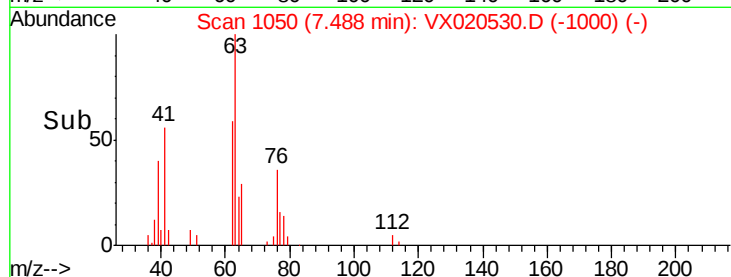
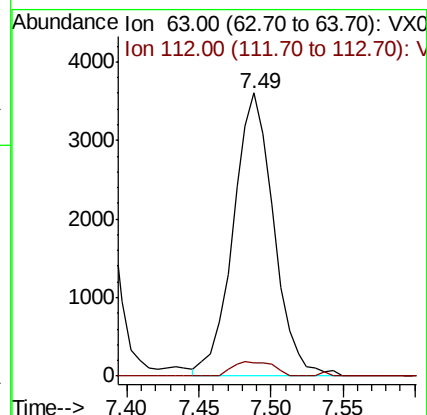
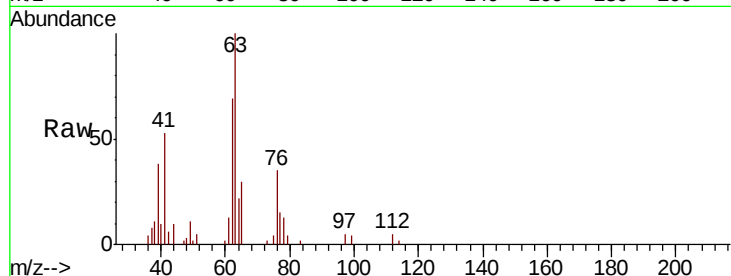
ClientSampleId :

Tot Ion: 63 Resp: 7053

Ion Ratio Lower Upper

63 100

112 5.2 3.6 5.4



#38

Bromodichloromethane

Concen: 2.301 ug/L

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

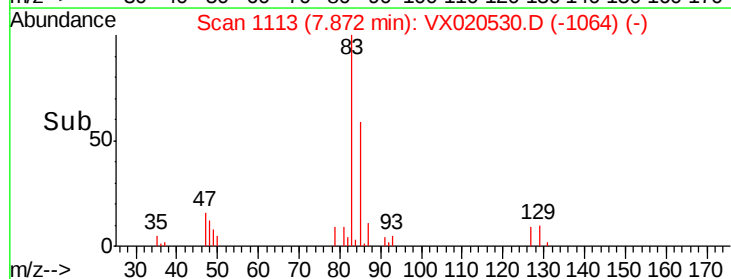
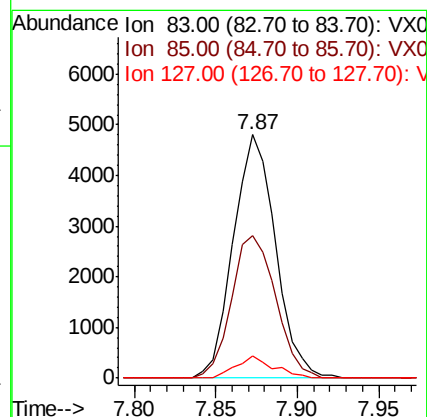
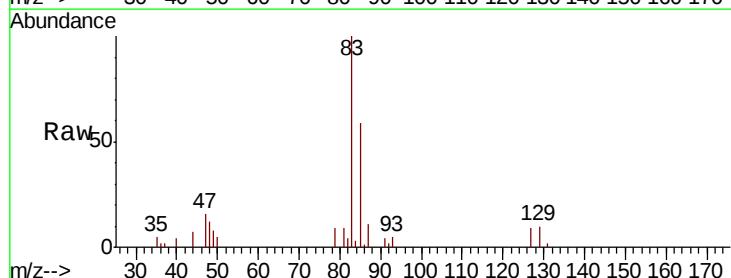
Tgt Ion: 83 Resp: 8687

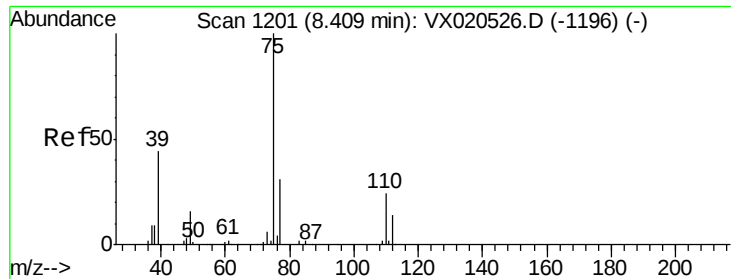
Ion Ratio Lower Upper

83 100

85 58.6 45.1 83.7

127 9.2 6.6 10.0

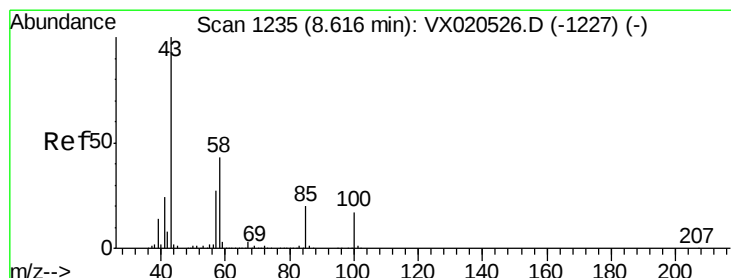
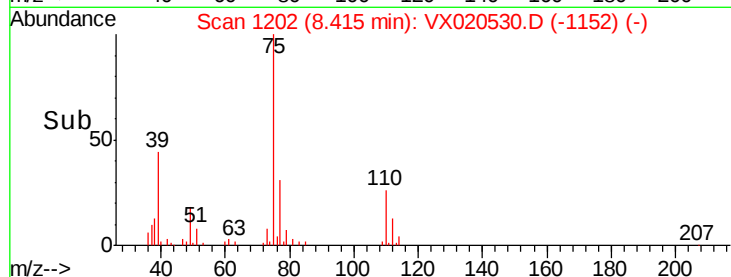
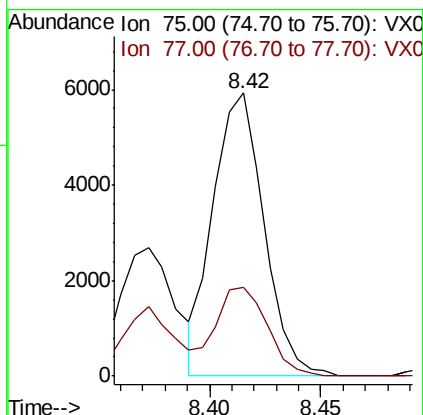
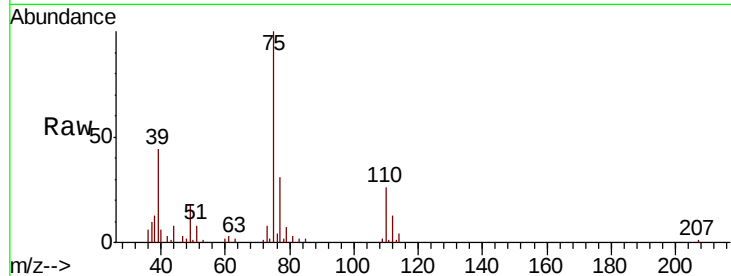




#39
 cis-1,3-Dichloropropene
 Concen: 2.125 ug/L
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX020530.D
 Acq: 07 Jan 2021 16:55

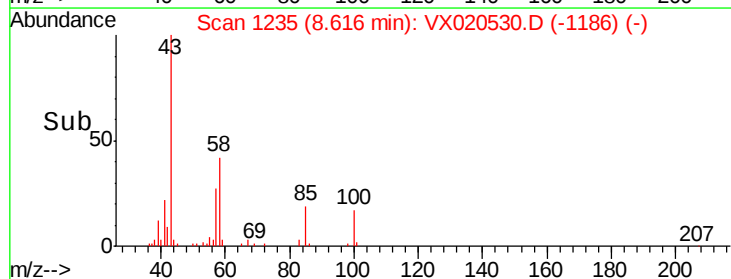
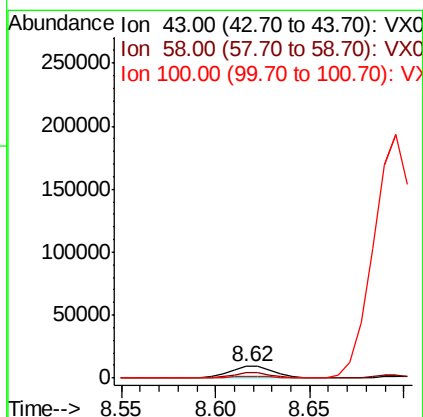
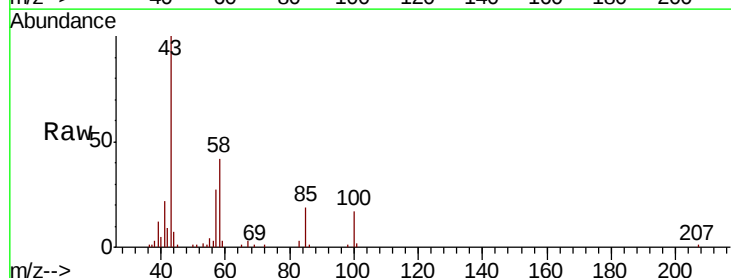
Instrument :
 MSVOA_X
 ClientSampleId :

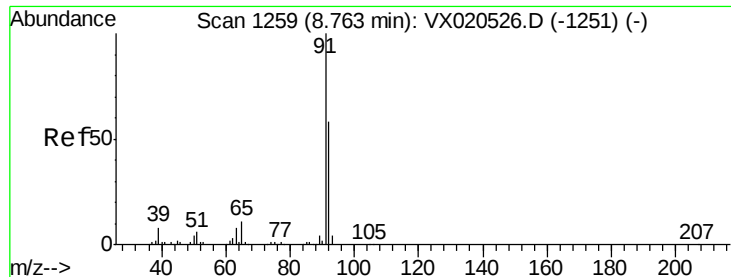
Tot Ion: 75 Resp: 9395
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 3.993 ug/L
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX020530.D
 Acq: 07 Jan 2021 16:55

Tgt Ion: 43 Resp: 15420
 Ion Ratio Lower Upper
 43 100
 58 41.7 35.0 52.4
 100 17.7 14.2 21.4





#42

Toluene

Concen: 2.266 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

Instrument :

MSVOA_X

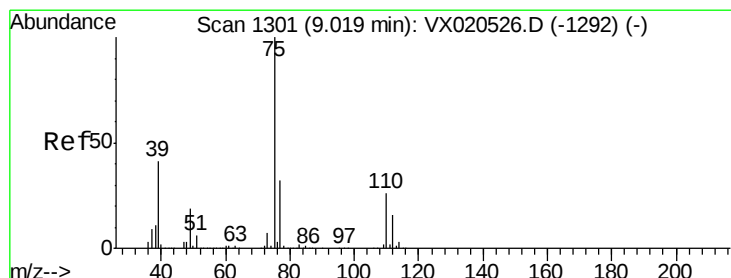
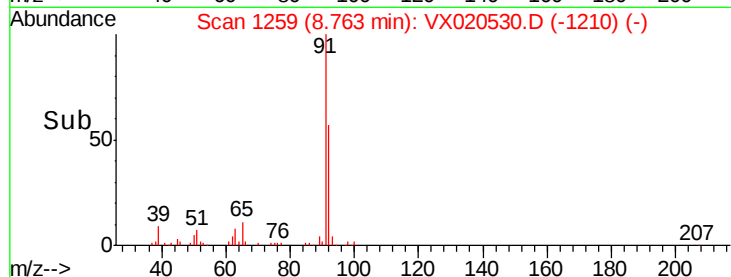
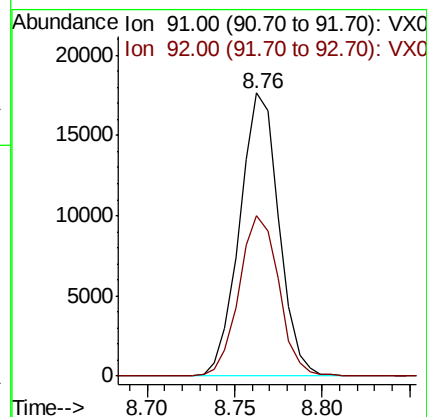
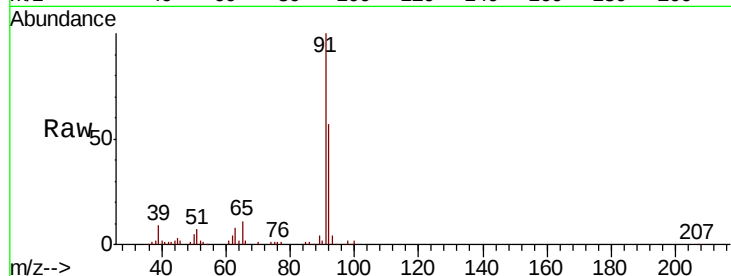
ClientSampled :

Tot Ion: 91 Resp: 27507

Ion Ratio Lower Upper

91 100

92 56.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 2.250 ug/L

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX020530.D

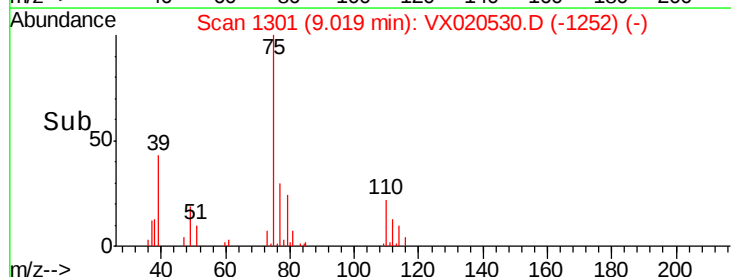
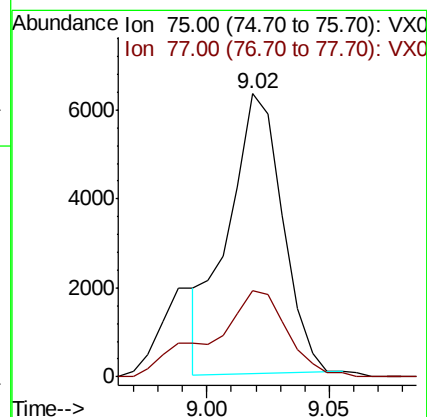
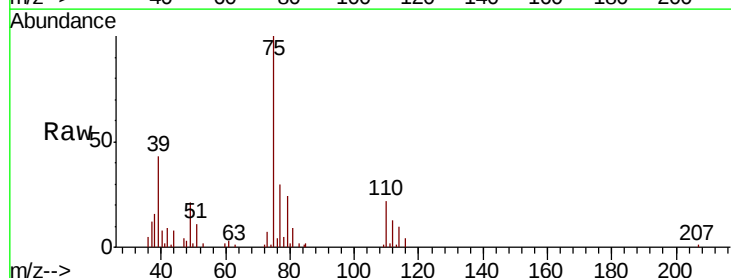
Acq: 07 Jan 2021 16:55

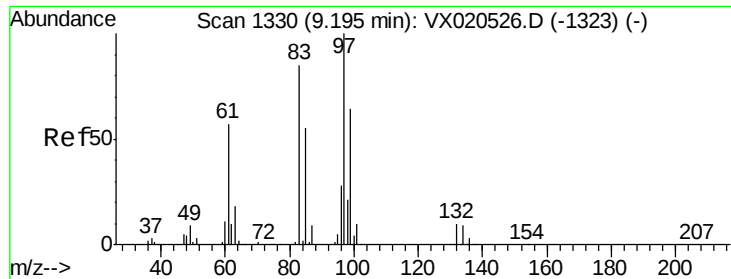
Tgt Ion: 75 Resp: 9711

Ion Ratio Lower Upper

75 100

77 30.5 22.4 41.6

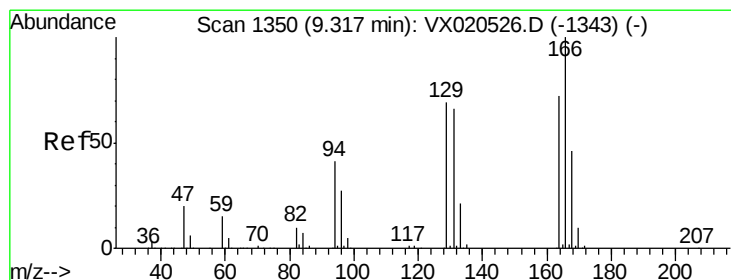
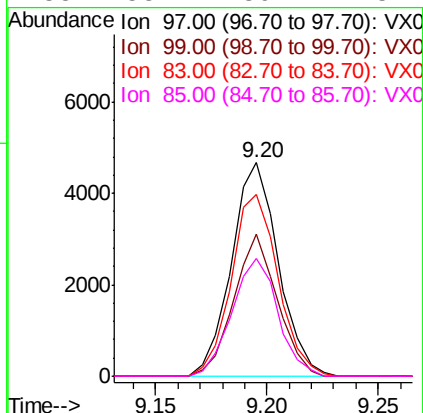
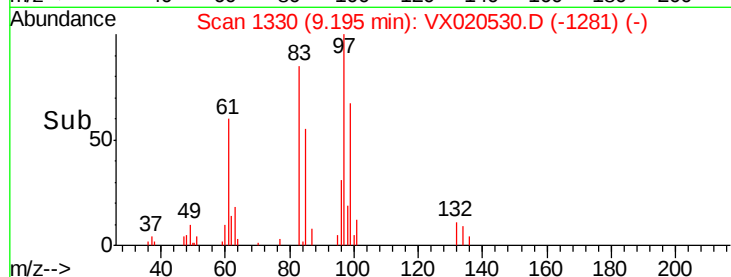
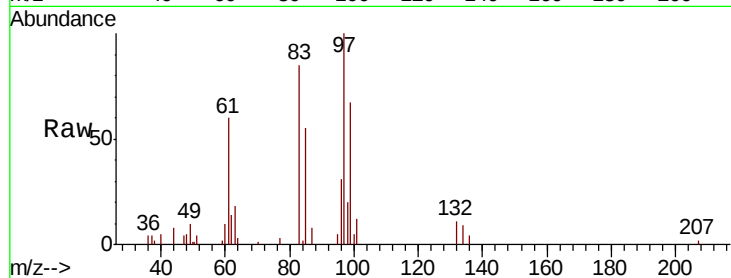




#45
 1,1,2-Trichloroethane
 Concen: 2.349 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX020530.D
 Acq: 07 Jan 2021 16:55

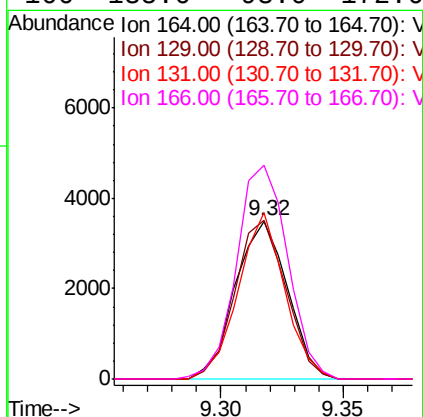
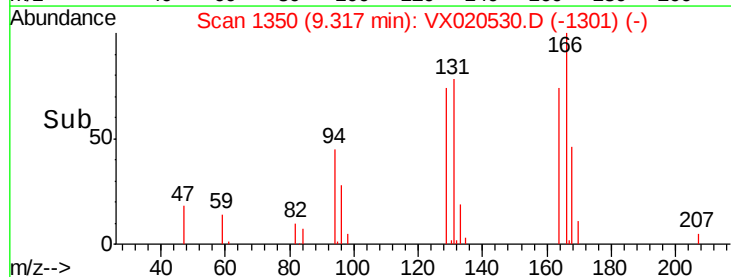
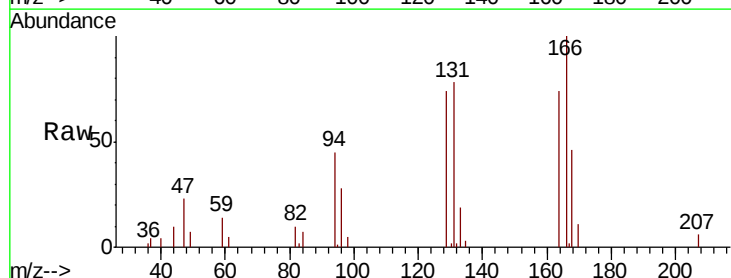
Instrument :
 MSVOA_X
 ClientSampled :

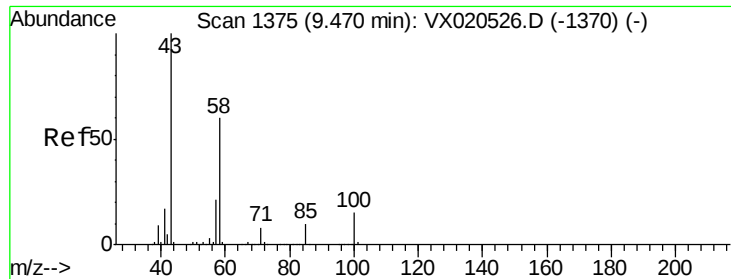
Tot Ion:	97	Resp:	6833
Ion	Ratio	Lower	Upper
97	100		
99	66.6	44.0	81.6
83	85.4	60.8	113.0
85	55.4	39.4	73.2



#46
 Tetrachloroethene
 Concen: 2.268 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: VX020530.D
 Acq: 07 Jan 2021 16:55

Tgt Ion:	164	Resp:	5189
Ion	Ratio	Lower	Upper
164	100		
129	100.8	65.6	121.8
131	106.0	63.7	118.3
166	135.6	93.0	172.6

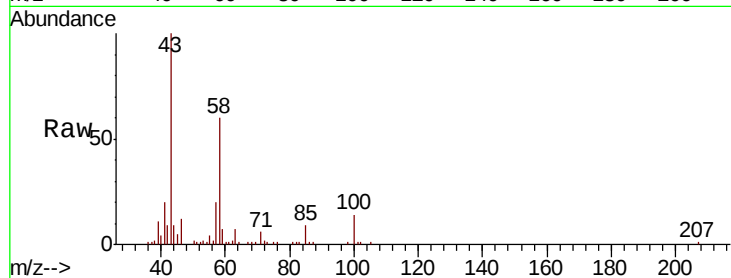




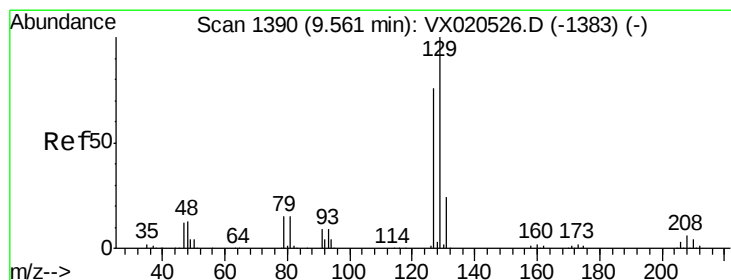
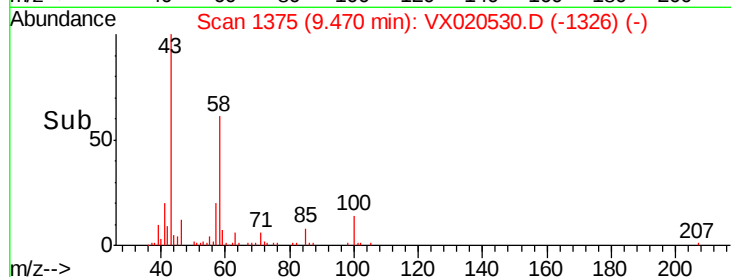
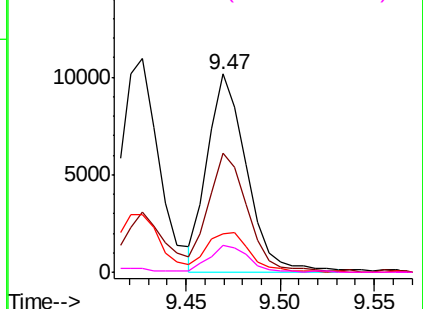
#48
2-Hexanone
Concen: 4.818 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 14703
Ion Ratio Lower Upper
43 100
58 60.2 50.1 75.1
57 22.3 17.3 25.9
100 13.5 11.4 17.2

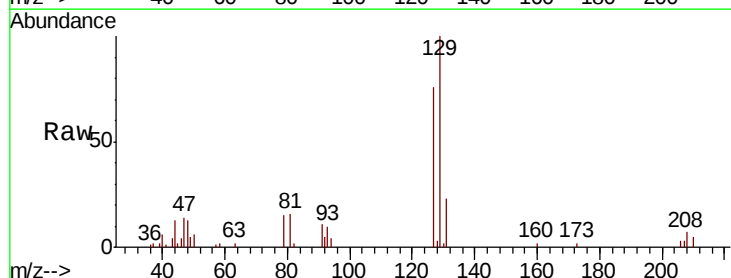


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0
Ion 100.00 (99.70 to 100.70): V

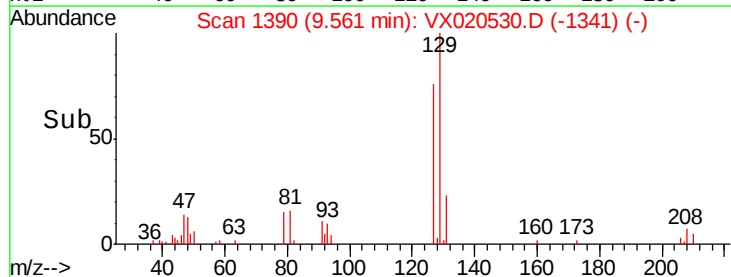
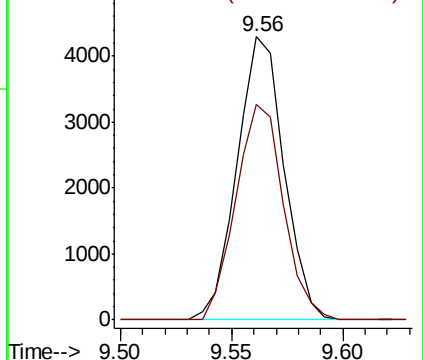


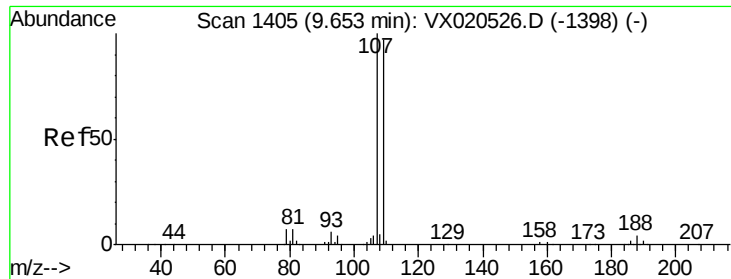
#49
Dibromochloromethane
Concen: 2.116 ug/L
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion: 129 Resp: 6312
Ion Ratio Lower Upper
129 100
127 76.3 52.5 97.5



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

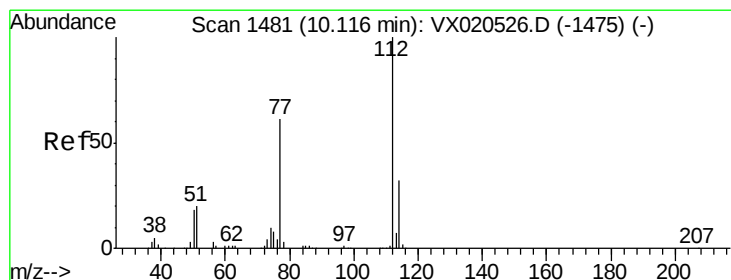
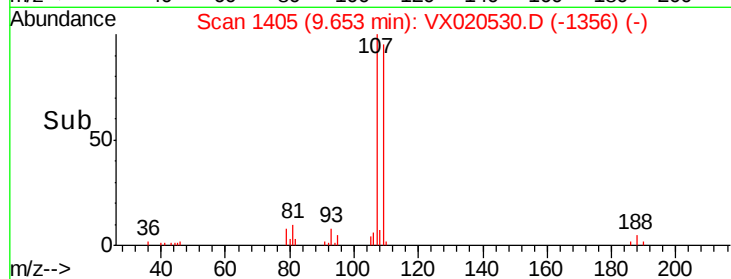
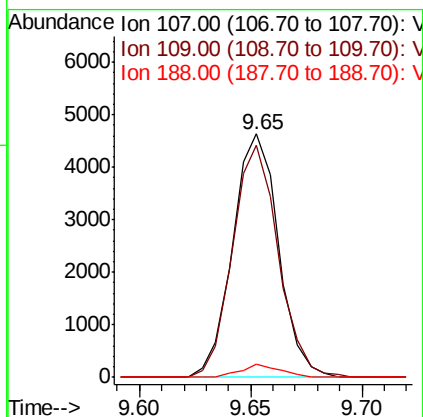
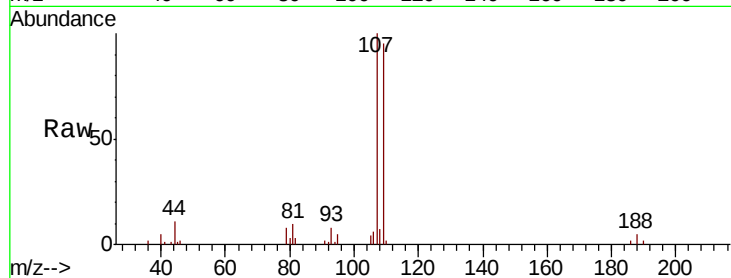




#50
 1,2-Dibromoethane
 Concen: 2.211 ug/L
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX020530.D
 Acq: 07 Jan 2021 16:55

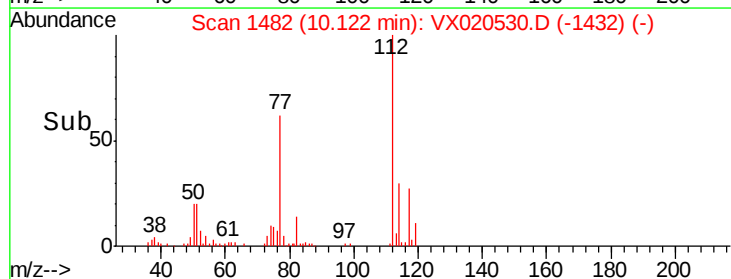
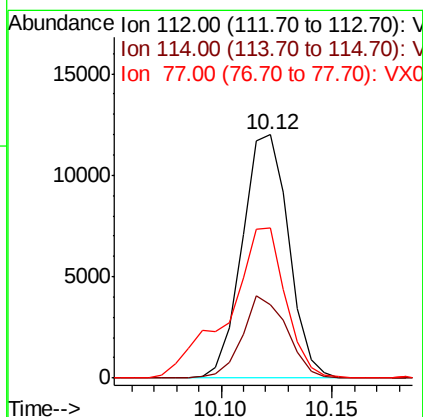
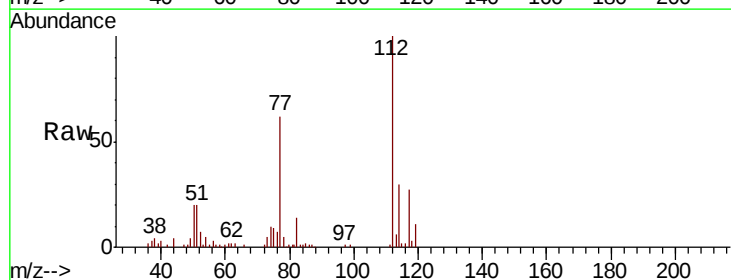
Instrument :
 MSVOA_X
 ClientSampleId :

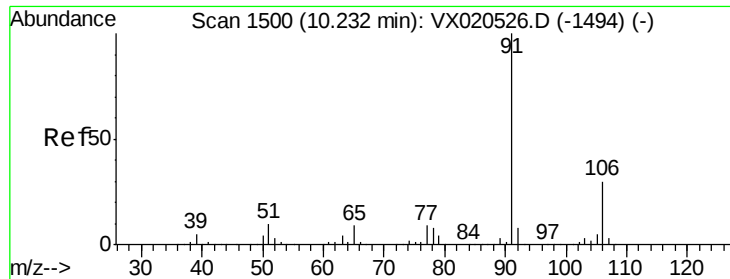
Tot Ion:107 Resp: 6663
 Ion Ratio Lower Upper
 107 100
 109 95.5 66.4 123.4
 188 5.3 3.2 4.8#



#51
 Chlorobenzene
 Concen: 2.267 ug/L
 RT: 10.12 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: VX020530.D
 Acq: 07 Jan 2021 16:55

Tgt Ion:112 Resp: 17424
 Ion Ratio Lower Upper
 112 100
 114 30.4 23.2 43.2
 77 61.6 48.4 72.6





#52

Ethylbenzene

Concen: 2.034 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

Instrument :

MSVOA_X

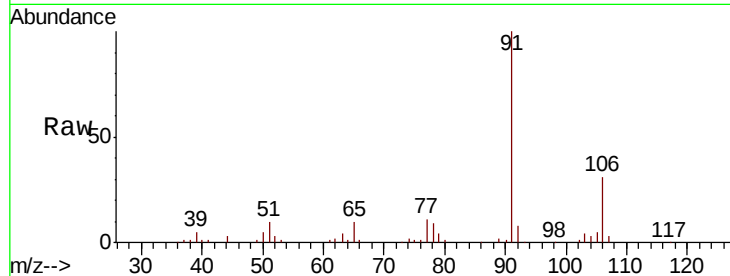
ClientSampleId :

Tot Ion: 91 Resp: 26408

Ion Ratio Lower Upper

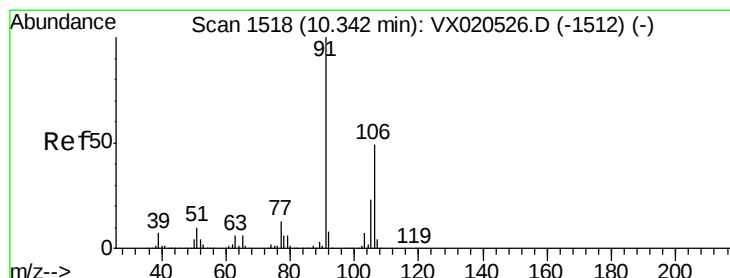
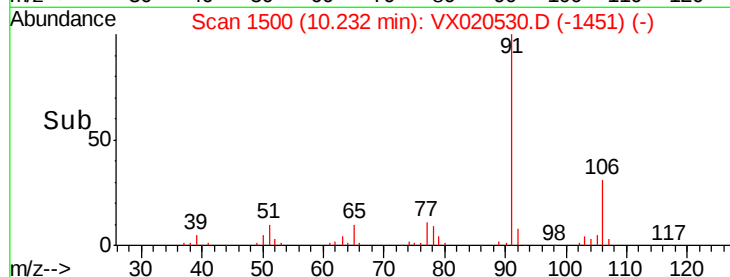
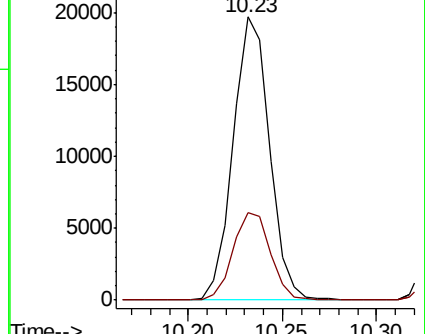
91 100

106 31.0 21.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#53

m,p-Xylene

Concen: 1.892 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX020530.D

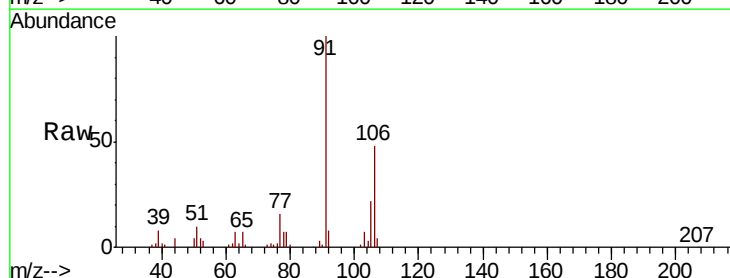
Acq: 07 Jan 2021 16:55

Tgt Ion:106 Resp: 9177

Ion Ratio Lower Upper

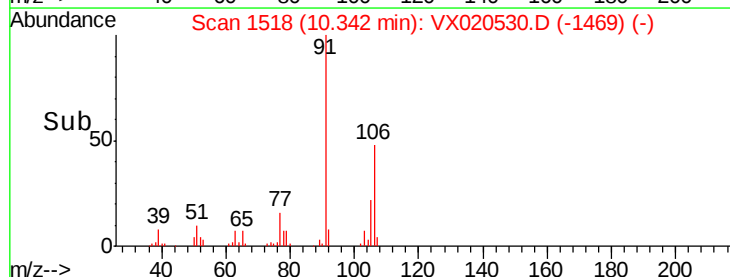
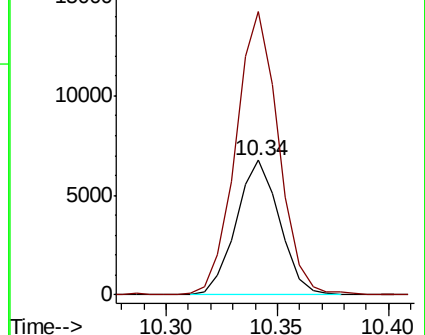
106 100

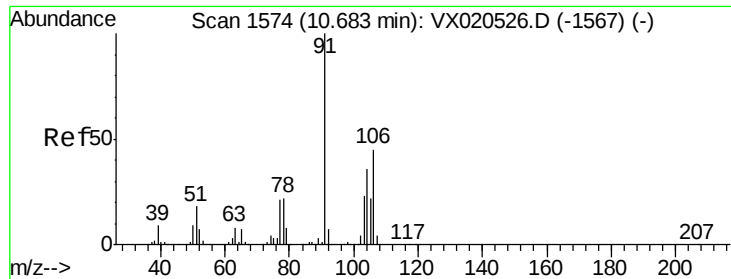
91 210.1 142.5 264.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

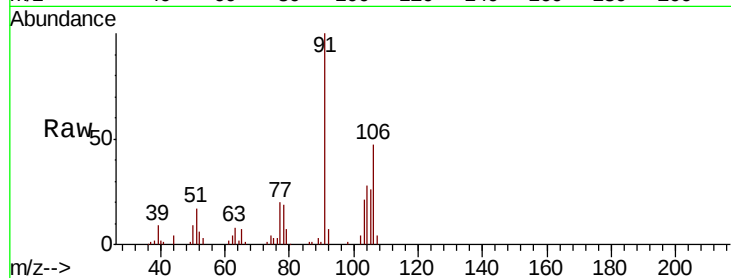




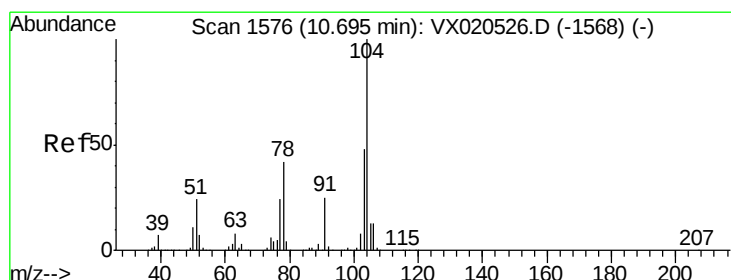
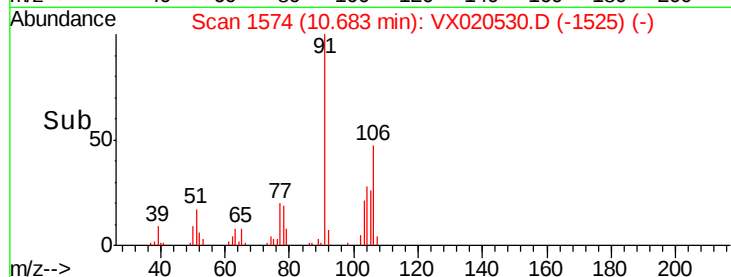
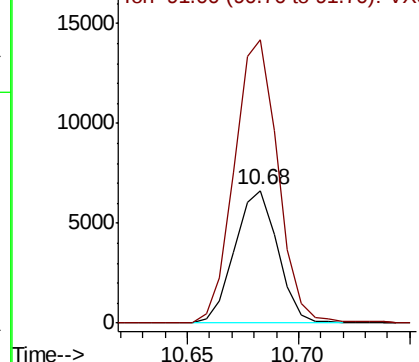
#54
o-Xylene
Concen: 1.908 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 8979
Ion Ratio Lower Upper
106 100
91 213.4 156.2 290.0

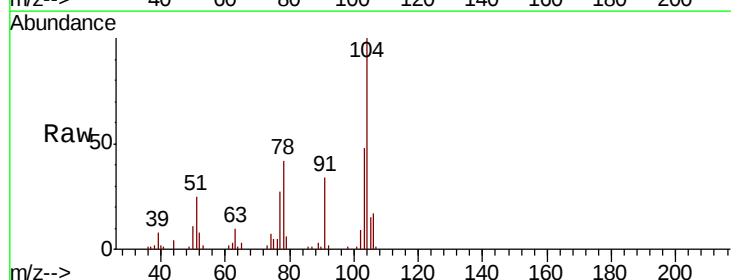


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

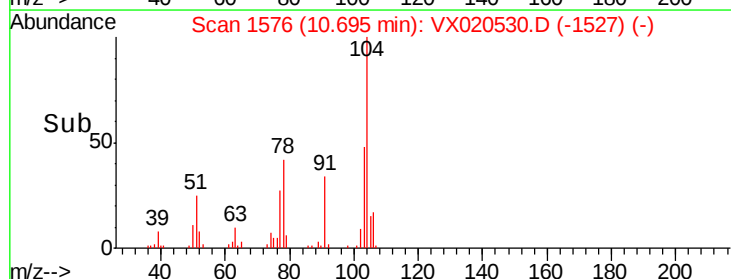
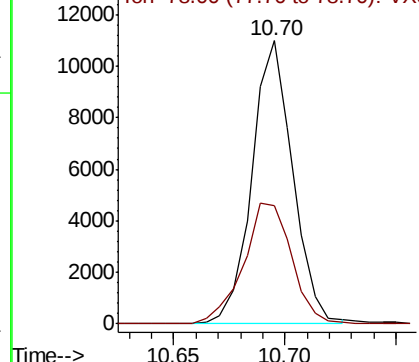


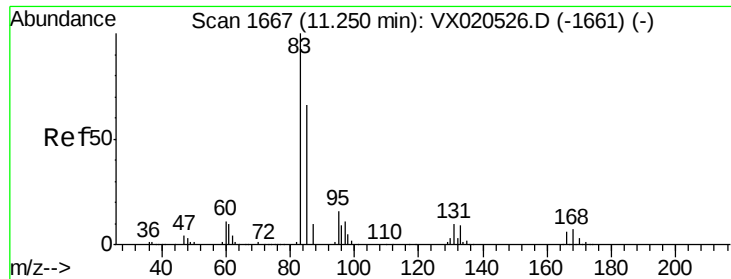
#55
Styrene
Concen: 1.763 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX020530.D
Acq: 07 Jan 2021 16:55

Tgt Ion:104 Resp: 14049
Ion Ratio Lower Upper
104 100
78 42.0 30.0 55.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0

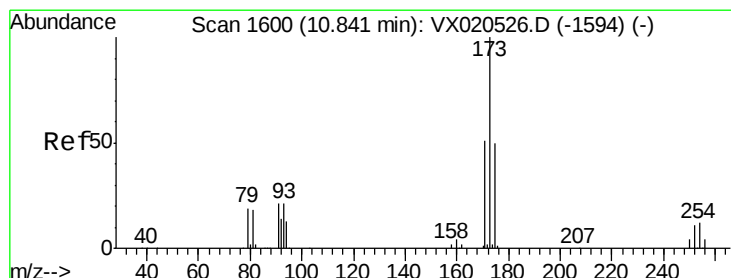
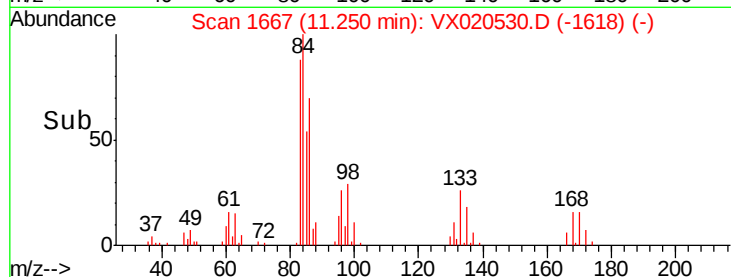
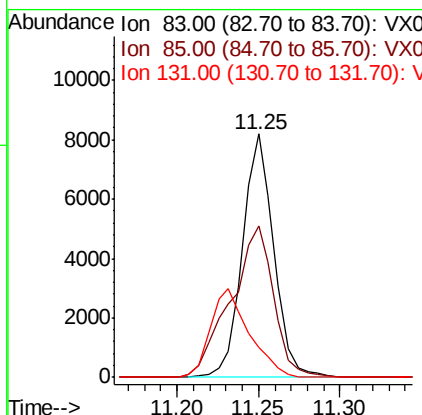
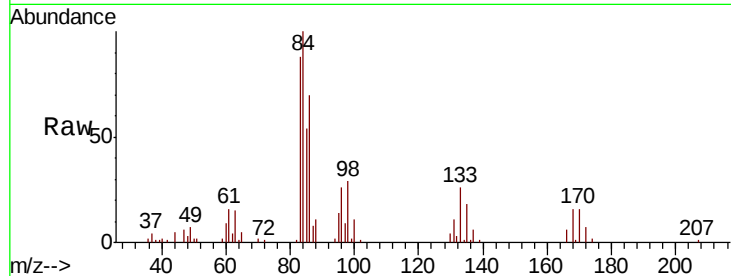




#57
 1,1,2,2-Tetrachloroethane
 Concen: 2.371 ug/L
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: VX020530.D
 Acq: 07 Jan 2021 16:55

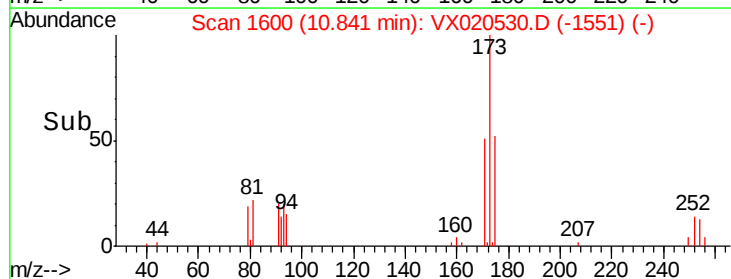
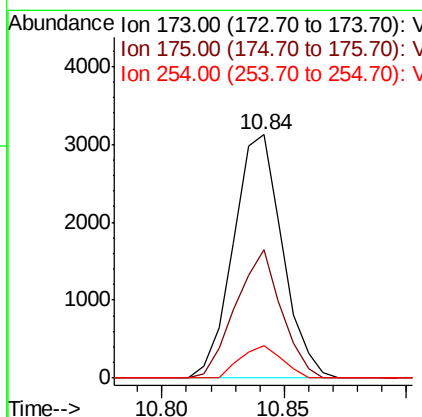
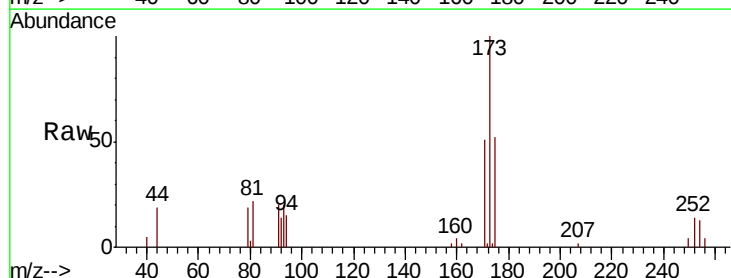
Instrument :
 MSVOA_X
 ClientSampled :

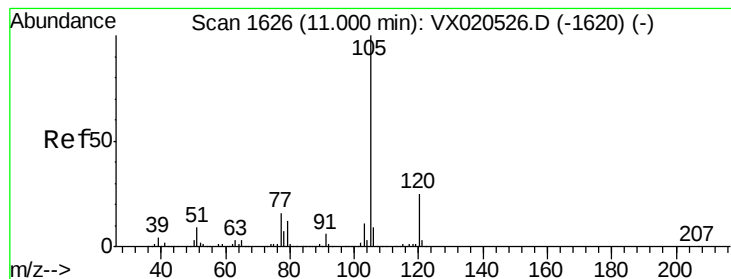
Tot Ion: 83 Resp: 10947
 Ion Ratio Lower Upper
 83 100
 85 62.0 44.7 82.9
 131 12.1 7.8 11.8#



#59
 Bromoform
 Concen: 2.198 ug/L
 RT: 10.84 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VX020530.D
 Acq: 07 Jan 2021 16:55

Tgt Ion: 173 Resp: 4349
 Ion Ratio Lower Upper
 173 100
 175 49.1 39.4 59.2
 254 11.4 8.6 13.0





#60

Isopropylbenzene

Concen: 2.004 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

Instrument :

MSVOA_X

ClientSampleId :

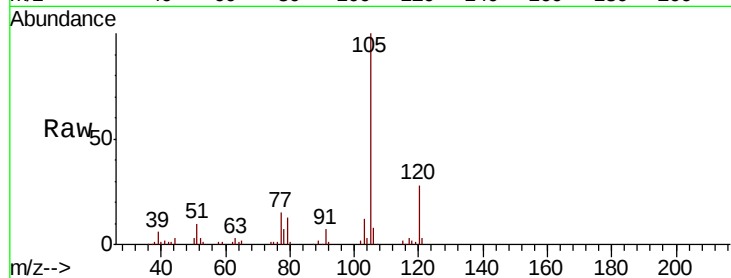
Tot Ion:105 Resp: 22378

Ion Ratio Lower Upper

105 100

120 26.2 21.2 31.8

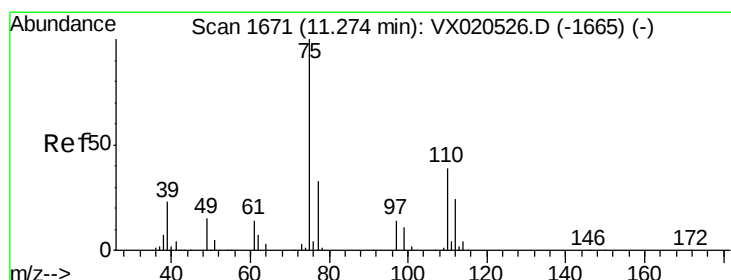
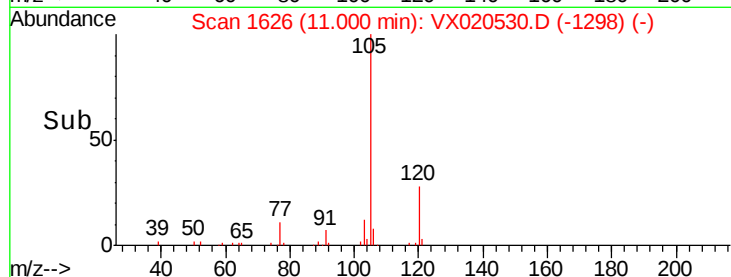
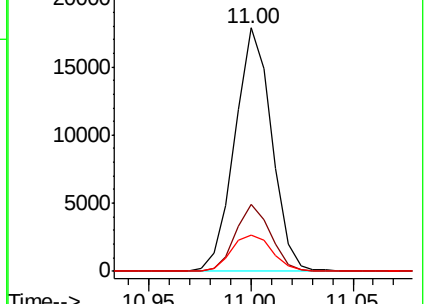
77 16.3 12.6 18.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#61

1,2,3-Trichloropropane

Concen: 2.443 ug/L

RT: 11.28 min Scan# 1672

Delta R.T. 0.01 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

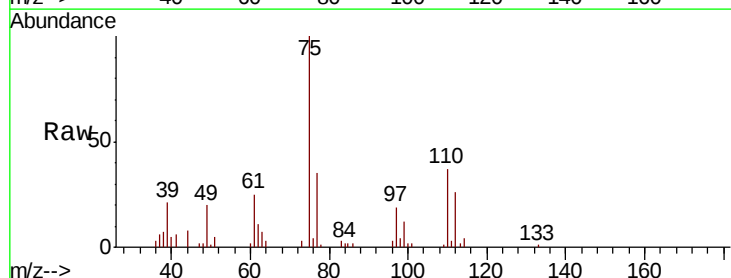
Tgt Ion: 75 Resp: 8441

Ion Ratio Lower Upper

75 100

77 33.8 26.2 39.2

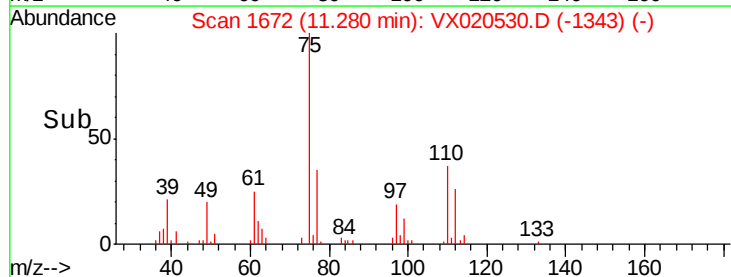
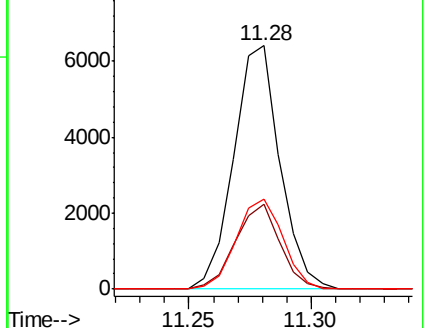
110 37.2 31.8 47.8

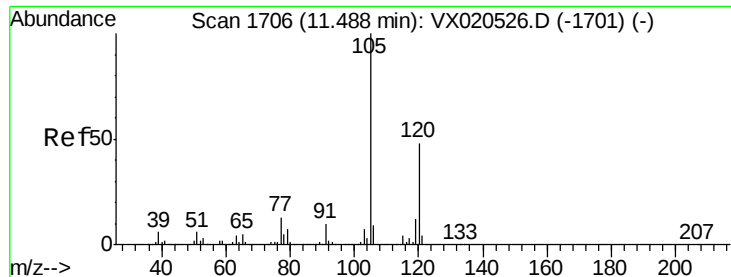


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 110.00 (109.70 to 110.70): V





#62

1,3,5-Trimethylbenzene

Concen: 1.805 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

Instrument :

MSVOA_X

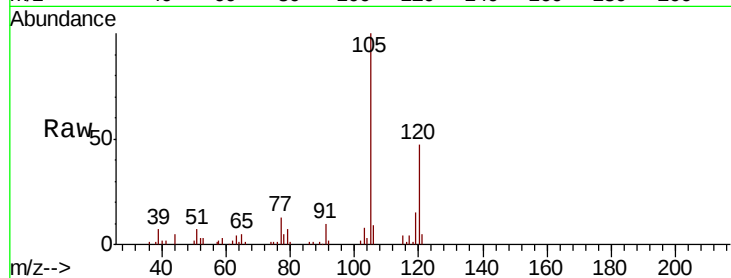
ClientSampled :

Tot Ion:105 Resp: 16441

Ion Ratio Lower Upper

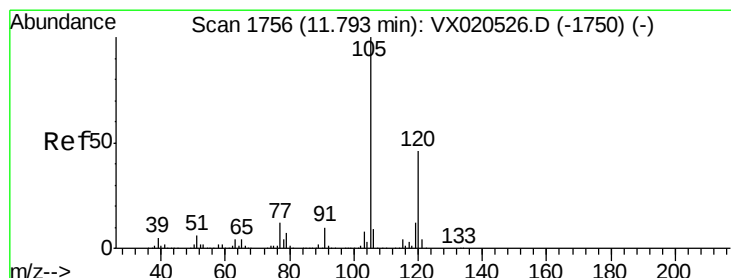
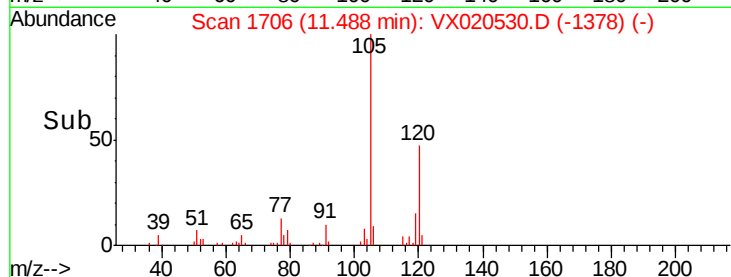
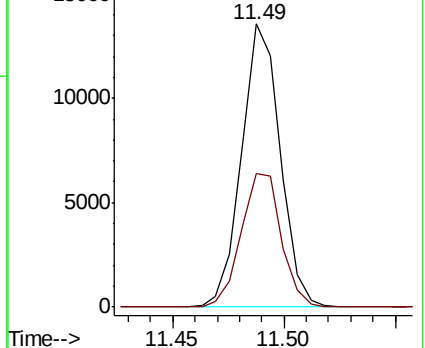
105 100

120 49.1 38.0 57.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#63

1,2,4-Trimethylbenzene

Concen: 1.781 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX020530.D

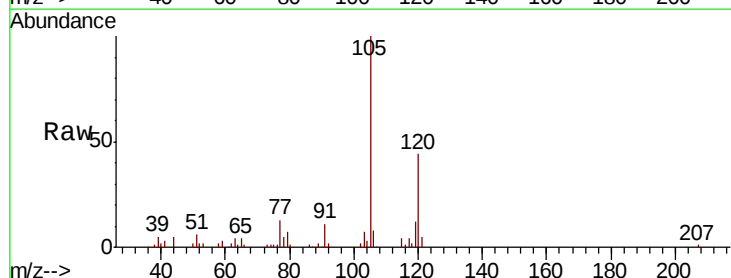
Acq: 07 Jan 2021 16:55

Tgt Ion:105 Resp: 16372

Ion Ratio Lower Upper

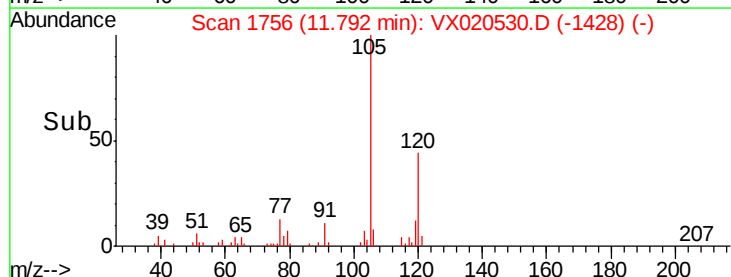
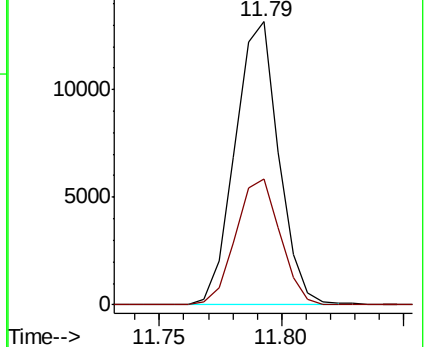
105 100

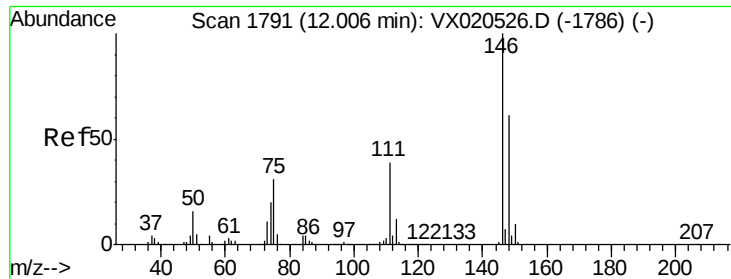
120 45.1 36.4 54.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

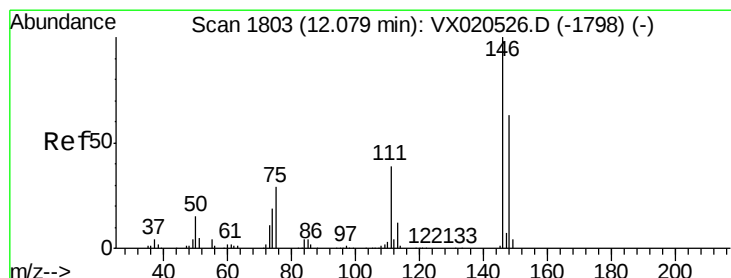
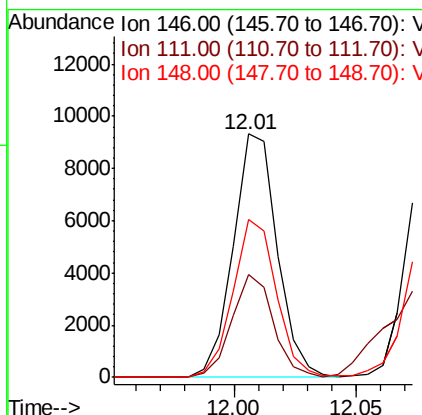
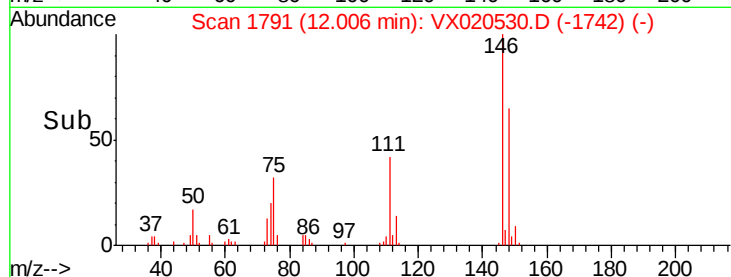
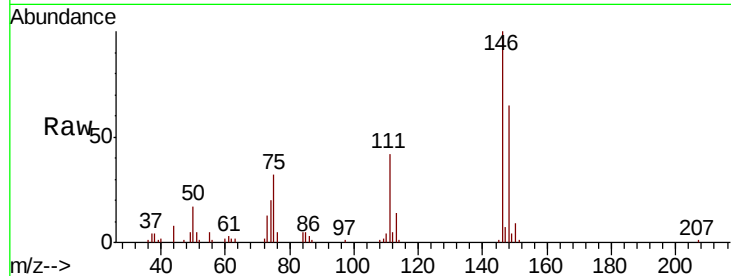




#64
 1,3-Dichlorobenzene
 Concen: 2.233 ug/L
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX020530.D
 Acq: 07 Jan 2021 16:55

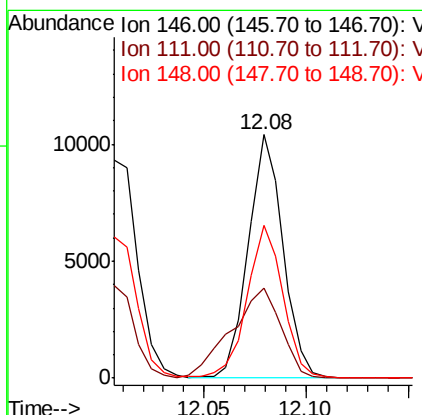
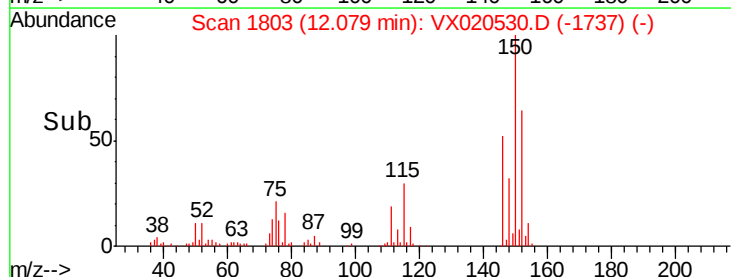
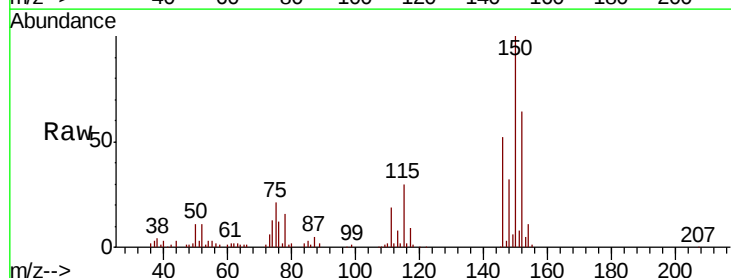
Instrument :
 MSVOA_X
 ClientSampleId :

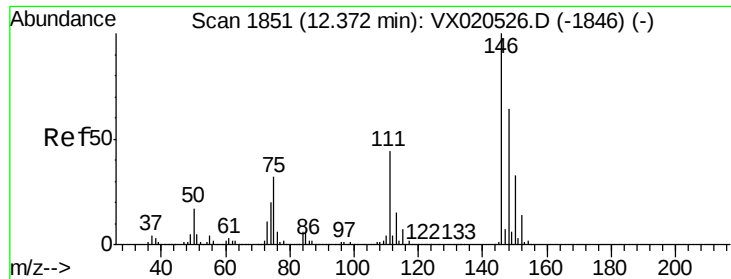
Tot Ion:146 Resp: 11632
 Ion Ratio Lower Upper
 146 100
 111 42.3 28.9 53.7
 148 64.7 47.7 88.7



#65
 1,4-Dichlorobenzene
 Concen: 2.350 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX020530.D
 Acq: 07 Jan 2021 16:55

Tgt Ion:146 Resp: 12370
 Ion Ratio Lower Upper
 146 100
 111 37.2 28.7 53.3
 148 62.7 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 2.539 ug/L

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

Instrument :

MSVOA_X

ClientSampled :

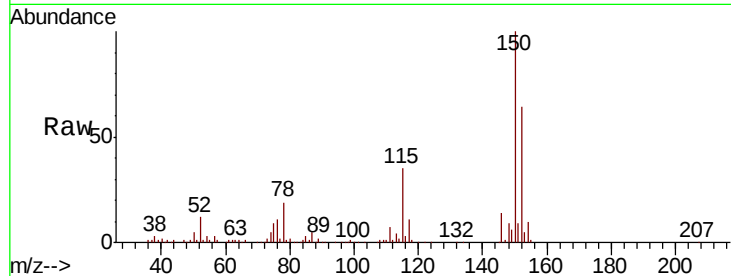
Tot Ion:146 Resp: 13190

Ion Ratio Lower Upper

146 100

111 50.4 33.8 50.8

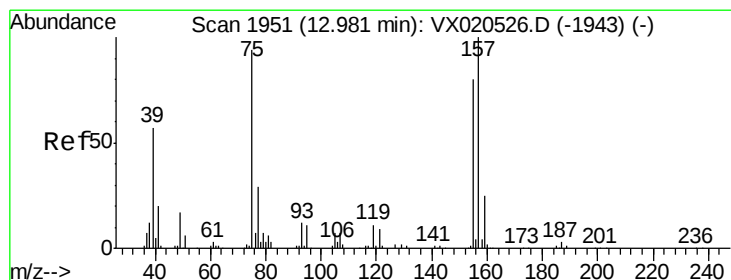
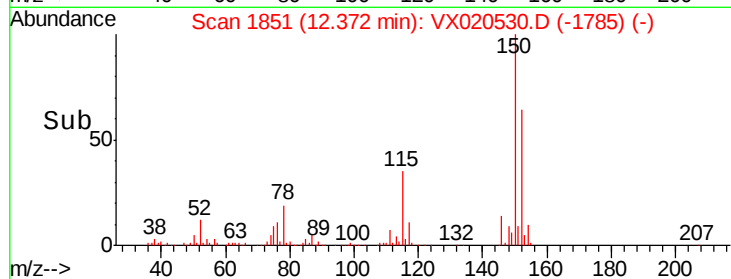
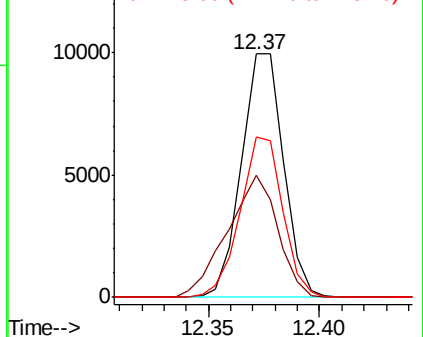
148 65.8 51.4 77.2



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



#68

1,2-Dibromo-3-chloropropane

Concen: 2.230 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

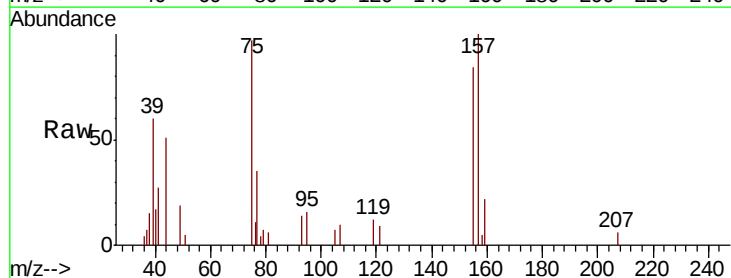
Tgt Ion: 75 Resp: 1949

Ion Ratio Lower Upper

75 100

155 86.1 65.3 97.9

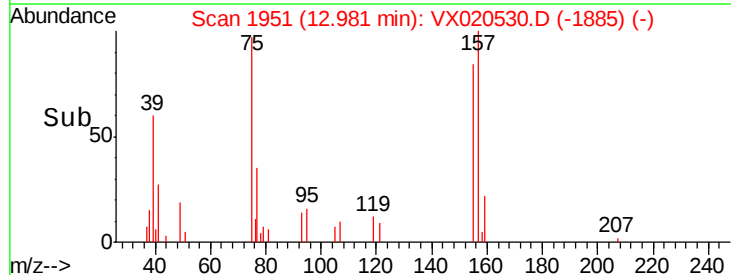
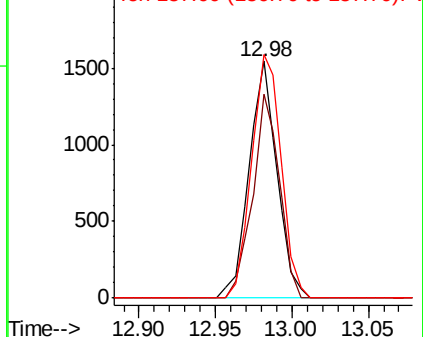
157 102.8 80.5 120.7

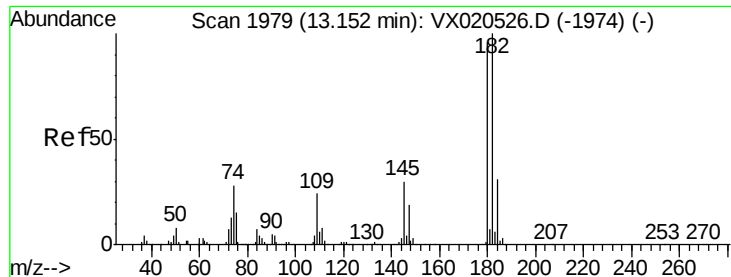


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

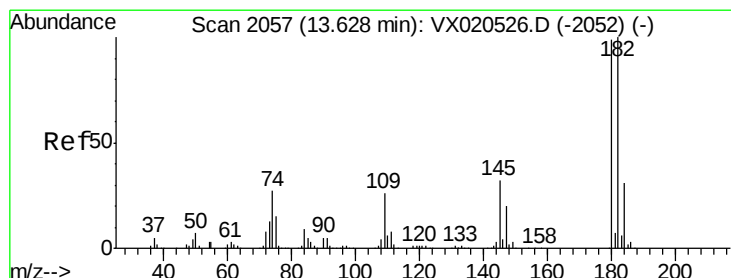
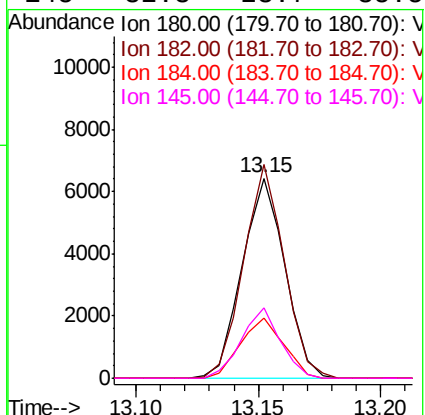
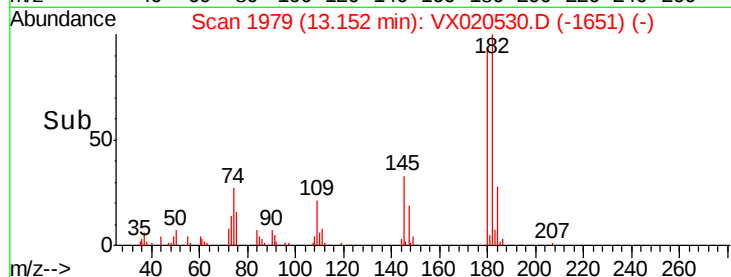
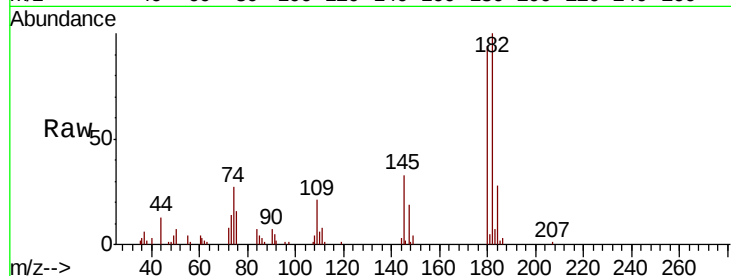




#69
 1,3,5-Trichlorobenzene
 Concen: 2.189 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VX020530.D
 Acq: 07 Jan 2021 16:55

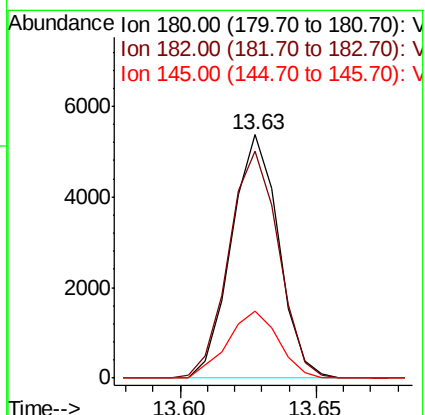
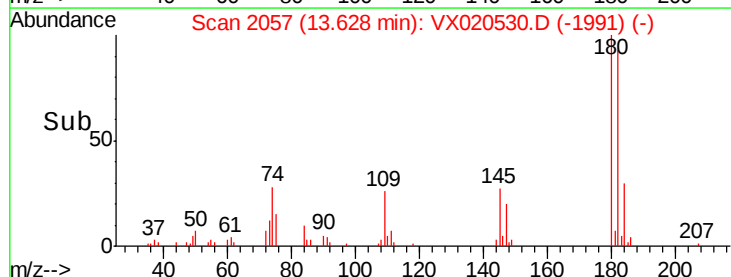
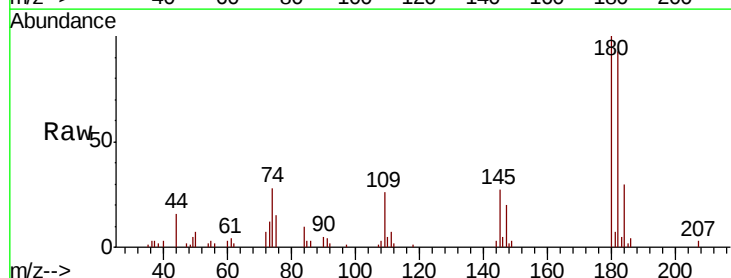
Instrument :
 MSVOA_X
 ClientSampleId :

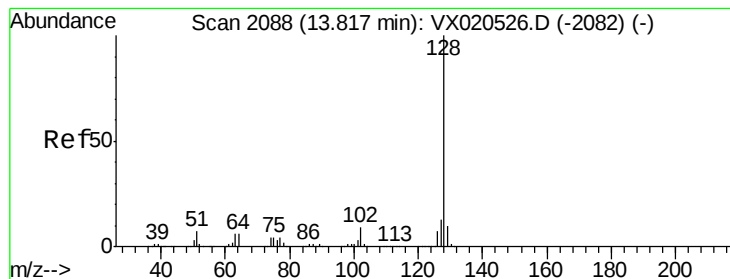
Tot Ion:180 Resp: 7831
 Ion Ratio Lower Upper
 180 100
 182 101.5 74.8 112.2
 184 30.3 24.1 36.1
 145 32.3 23.7 35.5



#70
 1,2,4-trichlorobenzene
 Concen: 2.100 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX020530.D
 Acq: 07 Jan 2021 16:55

Tgt Ion:180 Resp: 6467
 Ion Ratio Lower Upper
 180 100
 182 98.5 74.3 111.5
 145 29.6 24.1 36.1





#71

Naphthalene

Concen: 1.684 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

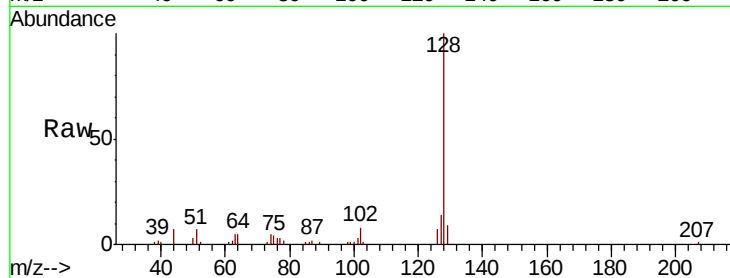
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 17130

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	10.5	8.6	13.0

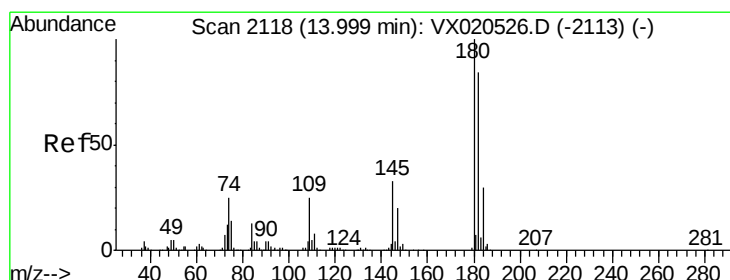
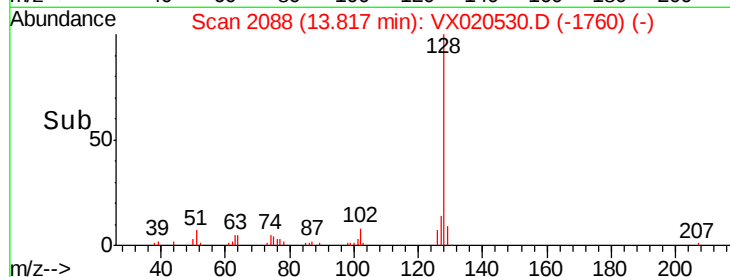
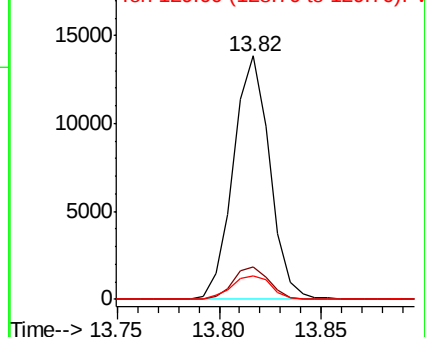


Abundance

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



#72

1,2,3-Trichlorobenzene

Concen: 2.118 ug/L

RT: 14.00 min Scan# 2118

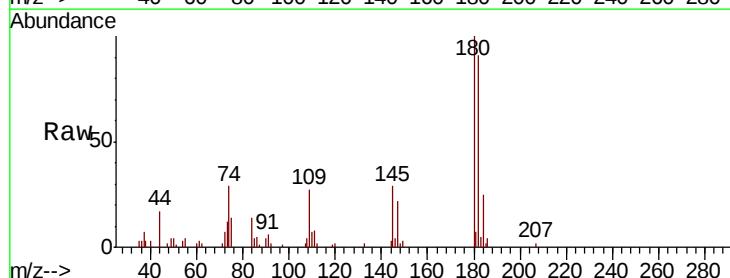
Delta R.T. -0.00 min

Lab File: VX020530.D

Acq: 07 Jan 2021 16:55

Tgt Ion:180 Resp: 6711

Ion	Ratio	Lower	Upper
180	100		
182	92.1	74.6	112.0
145	30.6	25.6	38.4



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

