

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010721\
 Data File : VX020529.D
 Acq On : 07 Jan 2021 16:32
 Operator : JC/MD
 Sample : L5214-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 08 00:56:55 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	6.82	114	414850	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	390772	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	176838	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	139207	41.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.54%
7) Chloroethane-d5	1.69	69	114467	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.88%
11) 1,1-Dichloroethene-d2	2.34	63	203809	32.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.48%
21) 2-Butanone-d5	4.53	46	185577	90.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.87%
24) Chloroform-d	5.14	84	270035	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.16%
26) 1,2-Dichloroethane-d4	6.03	65	172127	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
32) Benzene-d6	6.04	84	552521	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
36) 1,2-Dichloropropane-d6	7.37	67	171308	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.26%
41) Toluene-d8	8.70	98	473158	44.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.99	79	79219	44.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.60%
47) 2-Hexanone-d5	9.42	63	140109	87.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.27%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	210103	41.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.24%
66) 1,2-Dichlorobenzene-d4	12.36	152	169506	48.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	9670	2.394	ug/L	97
3) Chloromethane	1.31	50	8650	2.380	ug/L	99
5) Vinyl chloride	1.39	62	9065	2.348	ug/L #	75
6) Bromomethane	1.64	94	5405	2.767	ug/L	96
8) Chloroethane	1.72	64	5825	2.519	ug/L	99
9) Trichlorofluoromethane	1.92	101	11497	2.364	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	8972	2.967	ug/L	86
12) 1,1-Dichloroethene	2.36	96	8573	2.901	ug/L #	1
13) Acetone	2.42	43	8789	5.251	ug/L	98
14) Carbon disulfide	2.55	76	20992	2.213	ug/L	98
15) Methyl Acetate	2.75	43	7401	2.221	ug/L	97
16) Methylene chloride	2.83	84	9235	2.613	ug/L	98
17) trans-1,2-Dichloroethene	3.14	96	7069	2.222	ug/L	98
18) Methyl tert-butyl Ether	3.17	73	20684	2.151	ug/L	97
19) 1,1-Dichloroethane	3.67	63	13287	2.309	ug/L	100
20) cis-1,2-Dichloroethene	4.56	96	7964	2.289	ug/L	90
22) 2-Butanone	4.64	43	10550	4.264	ug/L	98

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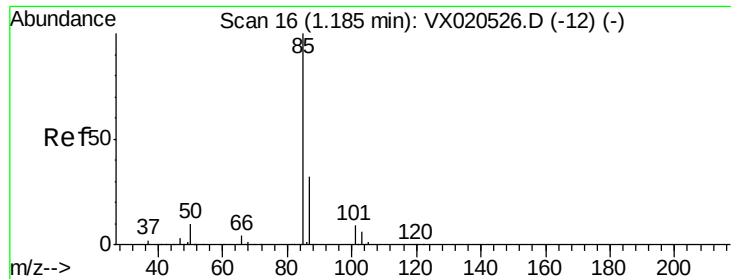
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 08 00:56:55 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)

23) Bromochloromethane	4.98	128	4109	2.284	ug/L	93
25) Chloroform	5.17	83	15206	2.420	ug/L	96
27) 1,2-Dichloroethane	6.15	62	11205	2.419	ug/L	99
29) Cyclohexane	5.54	56	9848	2.044	ug/L	96
30) 1,1,1-Trichloroethane	5.46	97	11848	2.372	ug/L	98
31) Carbon tetrachloride	5.74	117	5959	1.411	ug/L #	40
33) Benzene	6.11	78	30558	2.366	ug/L	100
34) Trichloroethene	7.18	95	8019	2.438	ug/L	98
35) Methylcyclohexane	7.44	83	10128	2.048	ug/L	94
37) 1,2-Dichloropropane	7.48	63	7753	2.366	ug/L	98
38) Bromodichloromethane	7.87	83	9635	2.290	ug/L	97
39) cis-1,3-Dichloropropene	8.42	75	11204	2.274	ug/L	94
40) 4-Methyl-2-pentanone	8.62	43	16902	3.927	ug/L	100
42) Toluene	8.76	91	31347	2.317	ug/L	99
44) trans-1,3-Dichloropropene	9.02	75	10337	2.149	ug/L	97
45) 1,1,2-Trichloroethane	9.20	97	7749	2.390	ug/L	99
46) Tetrachloroethene	9.32	164	6047	2.372	ug/L	93
48) 2-Hexanone	9.47	43	16347	4.806	ug/L	98
49) Dibromochloromethane	9.56	129	7349	2.210	ug/L	98
50) 1,2-Dibromoethane	9.65	107	7943	2.365	ug/L	97
51) Chlorobenzene	10.12	112	20081	2.344	ug/L	99
52) Ethylbenzene	10.23	91	31494	2.177	ug/L	97
53) m,p-Xylene	10.34	106	11117	2.057	ug/L	91
54) o-Xylene	10.68	106	10068	1.919	ug/L	92
55) Styrene	10.70	104	16625	1.872	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.25	83	11485	2.232	ug/L	96
59) Bromoform	10.84	173	4692	2.124	ug/L	99
60) Isopropylbenzene	11.00	105	25109	2.014	ug/L	100
61) 1,2,3-Trichloropropane	11.28	75	8904	2.308	ug/L	98
62) 1,3,5-Trimethylbenzene	11.49	105	19466	1.914	ug/L	99
63) 1,2,4-Trimethylbenzene	11.79	105	18895	1.841	ug/L	98
64) 1,3-Dichlorobenzene	12.01	146	12977	2.231	ug/L	93
65) 1,4-Dichlorobenzene	12.08	146	13491	2.295	ug/L	96
67) 1,2-Dichlorobenzene	12.37	146	14273	2.461	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.98	75	2190	2.244	ug/L	96
69) 1,3,5-Trichlorobenzene	13.15	180	9290	2.326	ug/L	96
70) 1,2,4-trichlorobenzene	13.63	180	7117	2.070	ug/L	97
71) Naphthalene	13.82	128	18386	1.619	ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	7138	2.018	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 2.394 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX020529.D

Acq: 07 Jan 2021 16:32

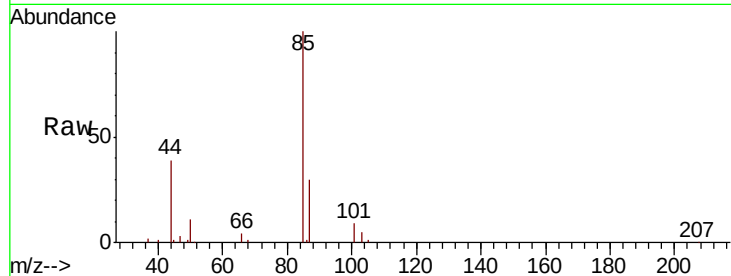
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 85 Resp: 9670

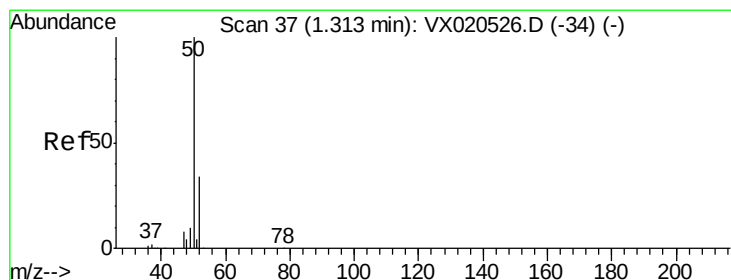
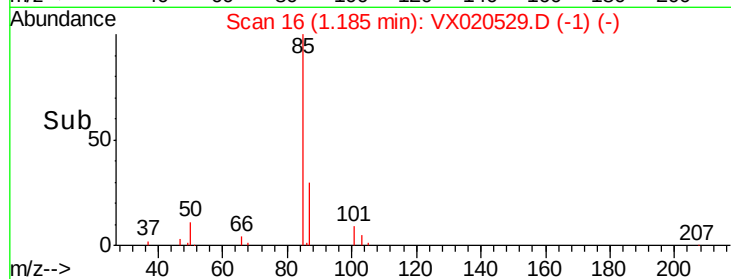
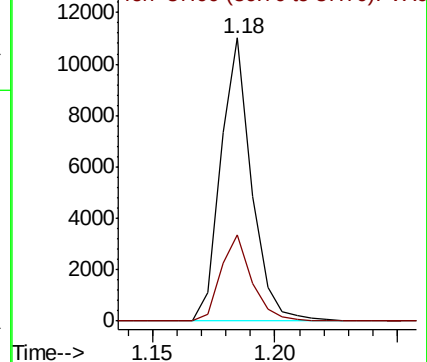
Ion Ratio Lower Upper

85 100

87 30.5 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: 2.380 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX020529.D

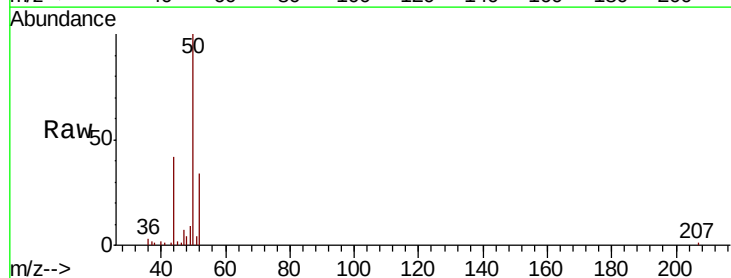
Acq: 07 Jan 2021 16:32

Tgt Ion: 50 Resp: 8650

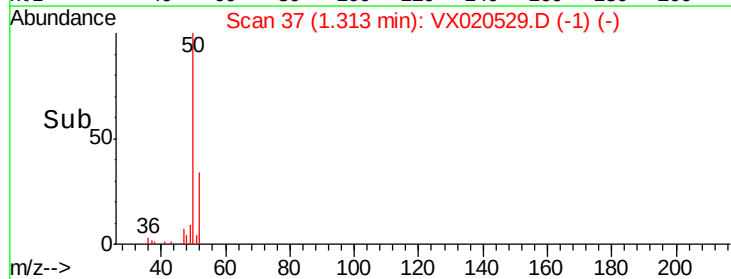
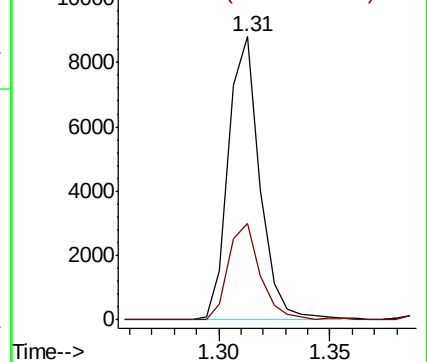
Ion Ratio Lower Upper

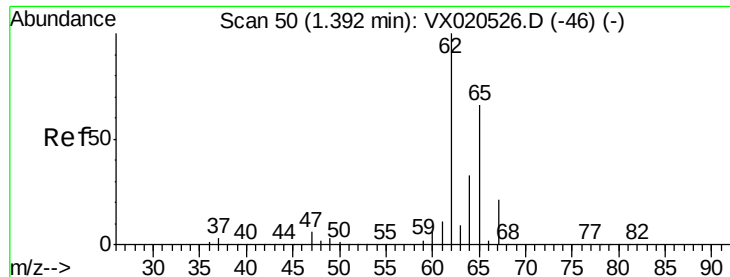
50 100

52 34.1 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: 2.348 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX020529.D

Acq: 07 Jan 2021 16:32

Instrument :

MSVOA_X

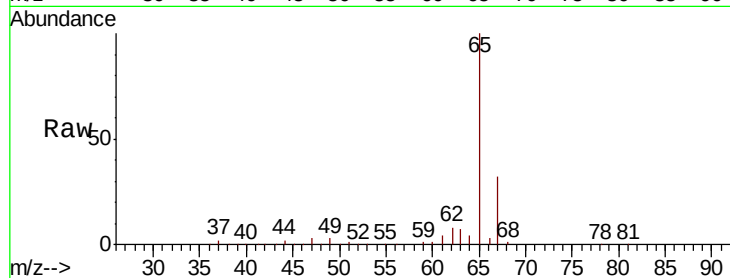
ClientSampled :

Tot Ion: 62 Resp: 9065

Ion Ratio Lower Upper

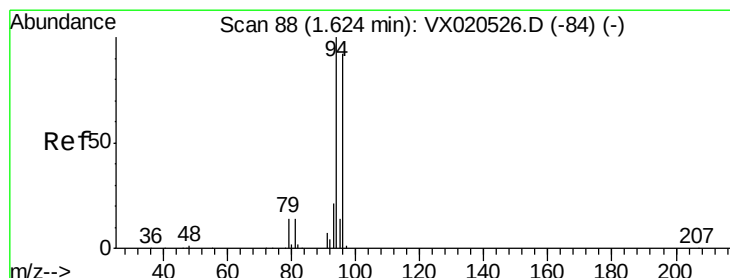
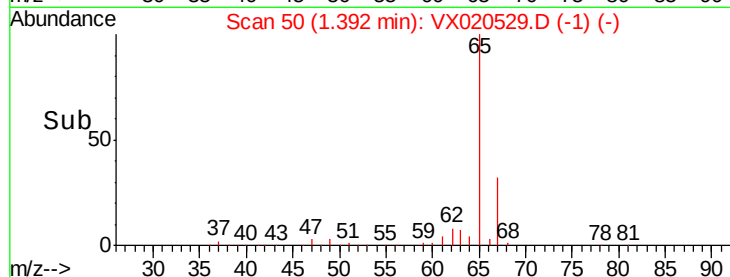
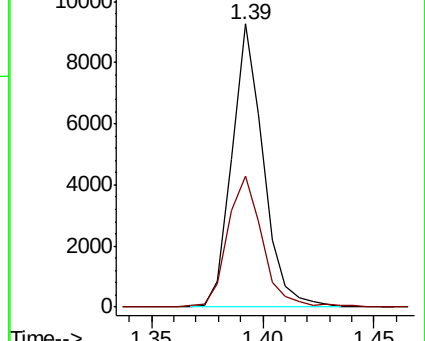
62 100

64 46.5 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: 2.767 ug/L

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX020529.D

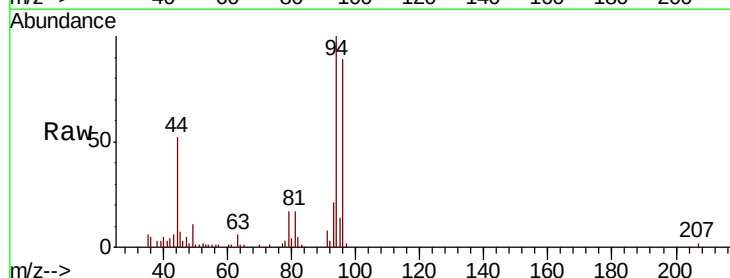
Acq: 07 Jan 2021 16:32

Tgt Ion: 94 Resp: 5405

Ion Ratio Lower Upper

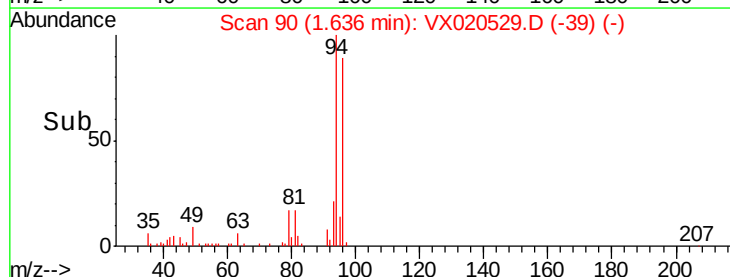
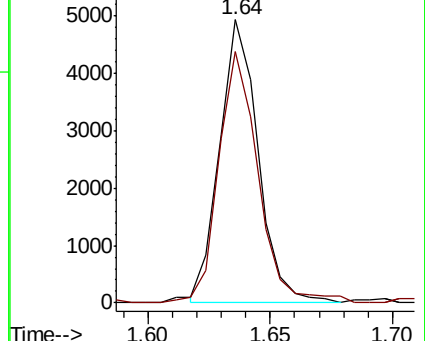
94 100

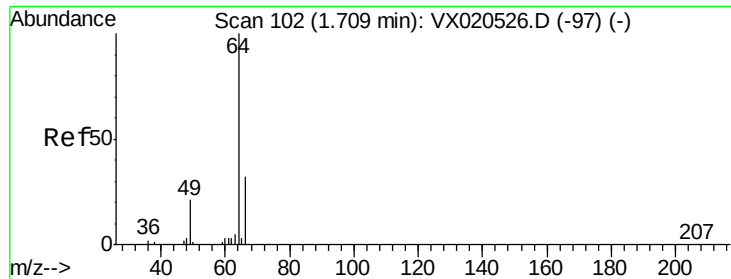
96 88.7 64.8 120.3



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0





#8

Chloroethane

Concen: 2.519 ug/L

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX020529.D

Acq: 07 Jan 2021 16:32

Instrument :

MSVOA_X

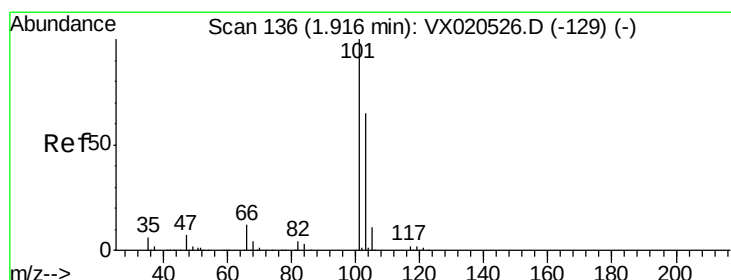
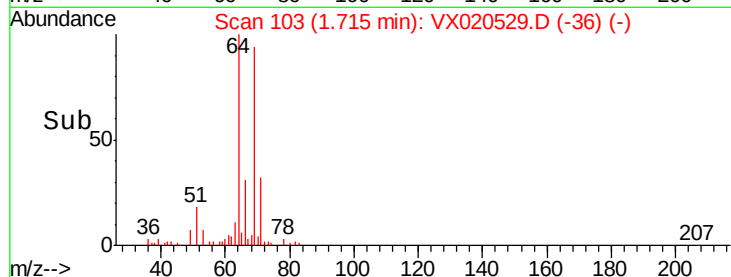
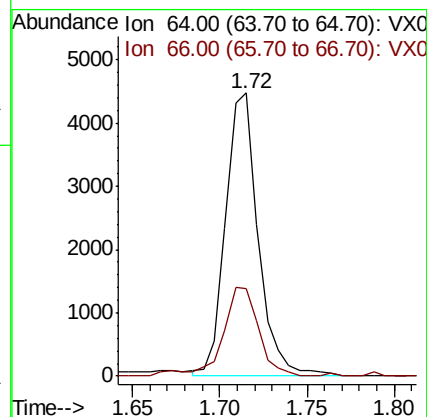
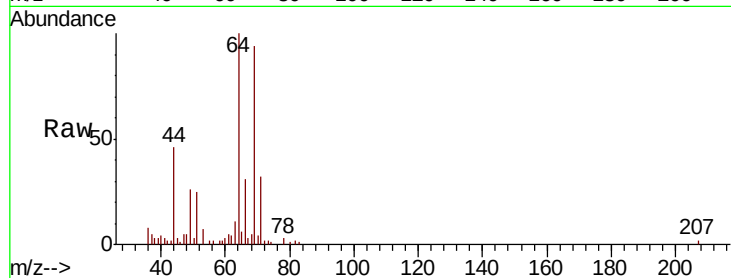
ClientSampleId :

Tot Ion: 64 Resp: 5825

Ion Ratio Lower Upper

64 100

66 30.9 22.0 41.0



#9

Trichlorofluoromethane

Concen: 2.364 ug/L

RT: 1.92 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX020529.D

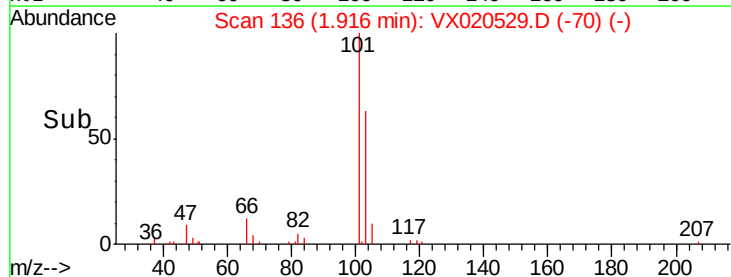
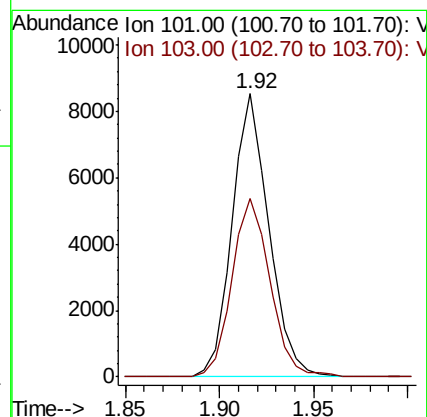
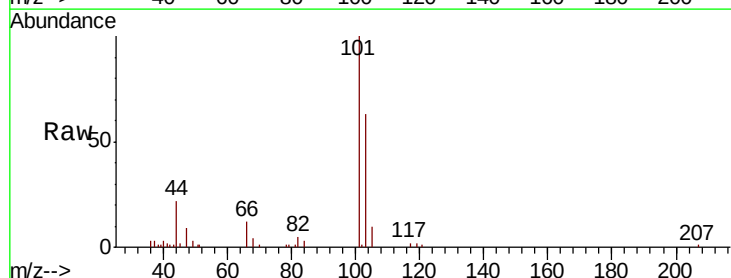
Acq: 07 Jan 2021 16:32

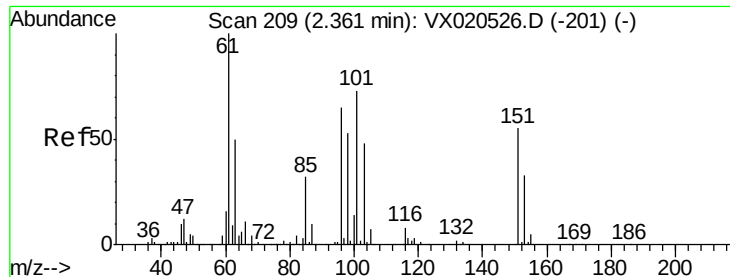
Tgt Ion: 101 Resp: 11497

Ion Ratio Lower Upper

101 100

103 65.4 52.2 78.2





#10

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

Concen: 2.967 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX020529.D

Acq: 07 Jan 2021 16:32

Instrument :

MSVOA_X

ClientSampleId :

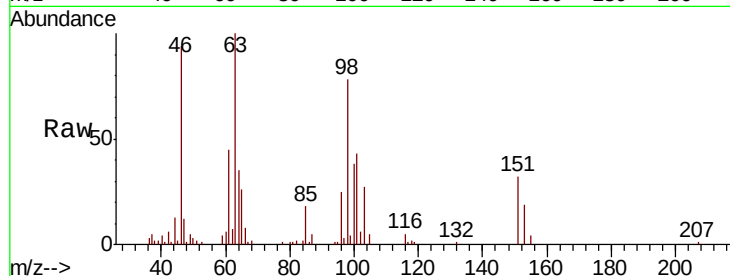
Tot Ion:101 Resp: 8972

Ion Ratio Lower Upper

101 100

85 36.9 34.3 51.5

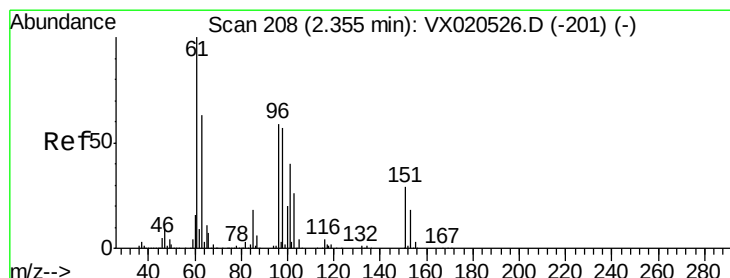
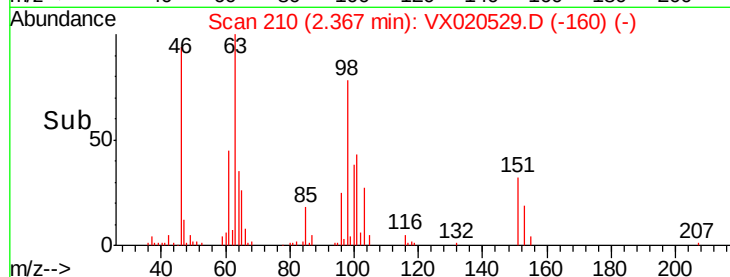
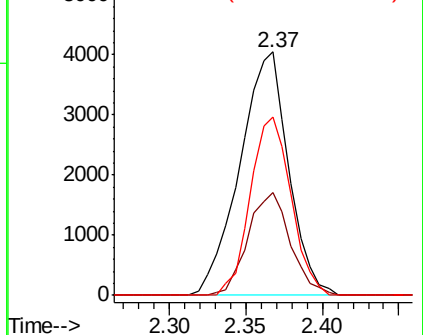
151 61.1 60.7 91.1



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



#12

1,1-Dichloroethene

Concen: 2.901 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX020529.D

Acq: 07 Jan 2021 16:32

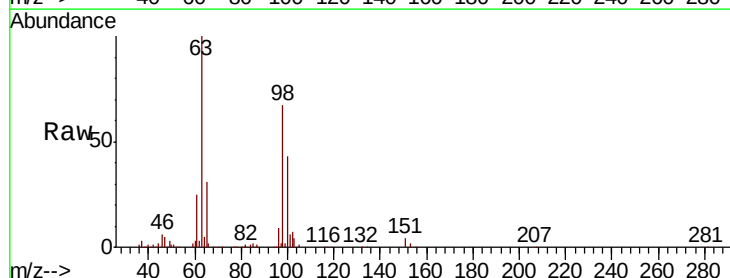
Tgt Ion: 96 Resp: 8573

Ion Ratio Lower Upper

96 100

61 272.4 115.5 214.5#

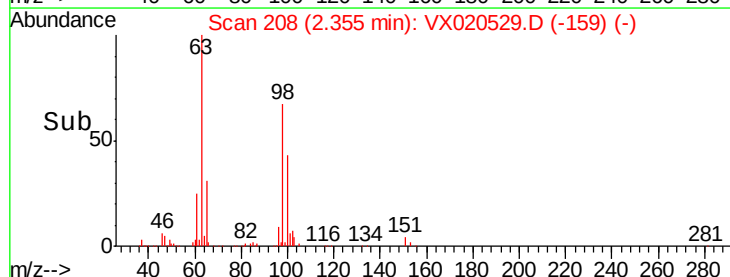
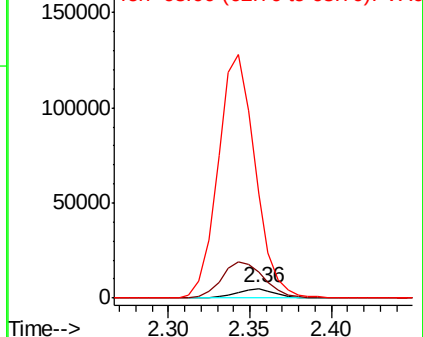
63 1105.3 77.3 143.7#

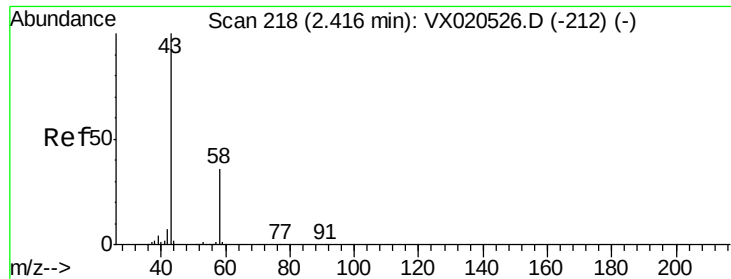


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 5.251 ug/L

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX020529.D

Acq: 07 Jan 2021 16:32

Instrument :

MSVOA_X

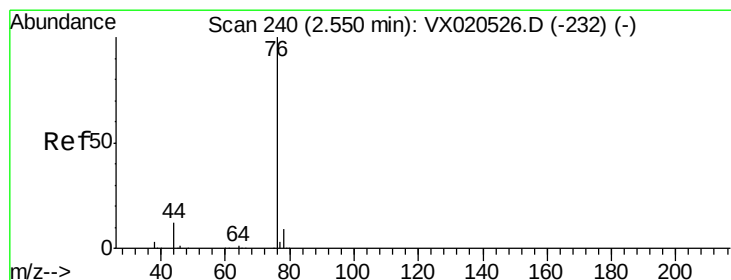
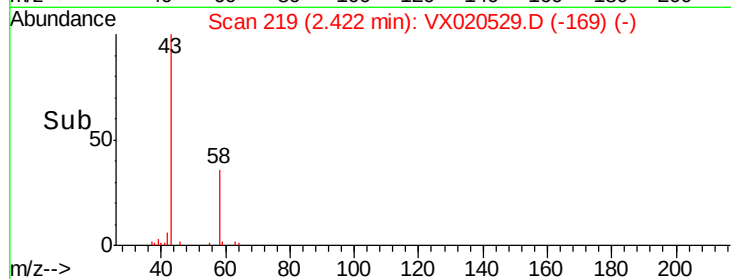
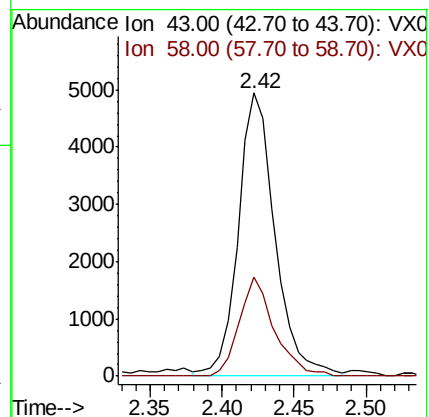
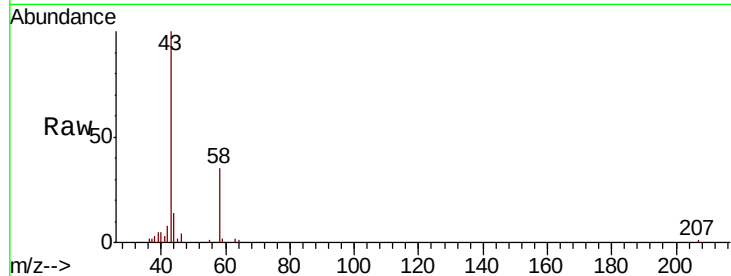
ClientSampled :

Tot Ion: 43 Resp: 8789

Ion Ratio Lower Upper

43 100

58 33.2 0.0 68.2



#14

Carbon disulfide

Concen: 2.213 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX020529.D

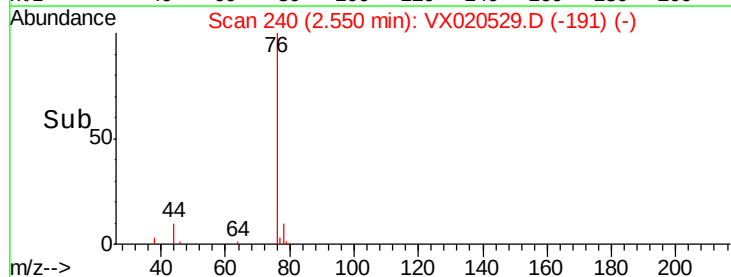
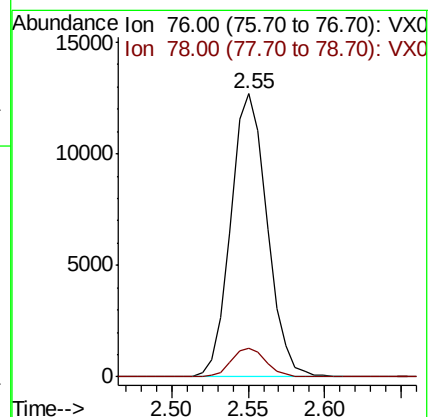
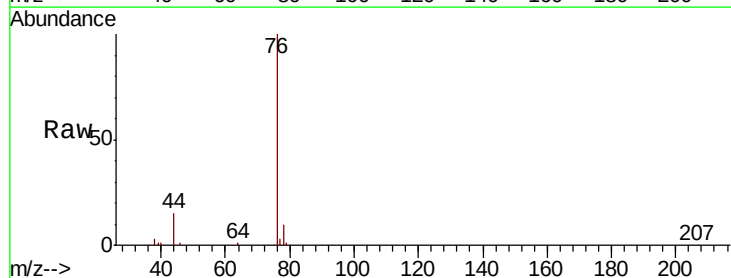
Acq: 07 Jan 2021 16:32

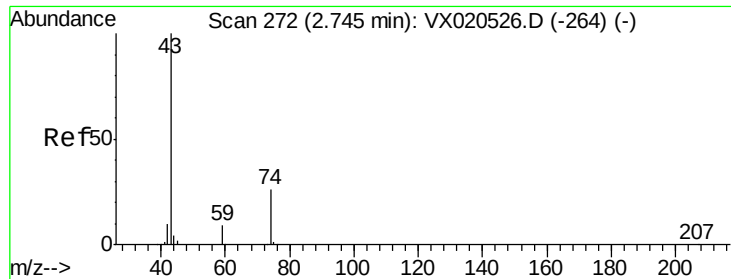
Tgt Ion: 76 Resp: 20992

Ion Ratio Lower Upper

76 100

78 10.1 7.6 11.4

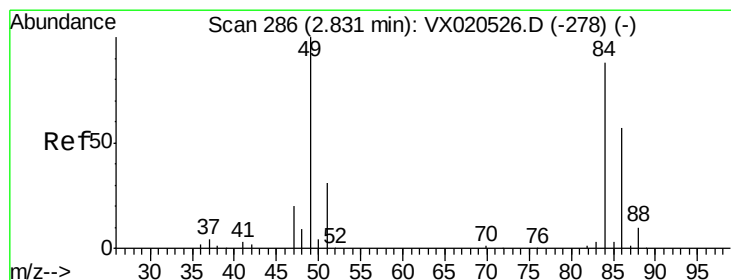
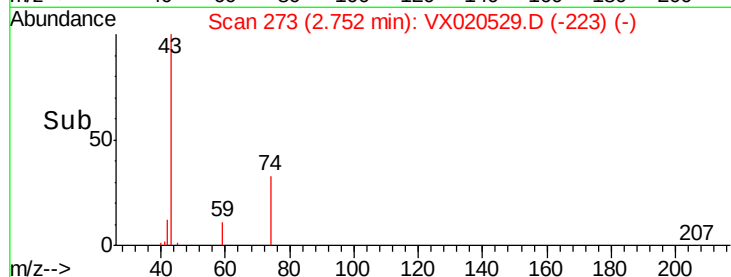
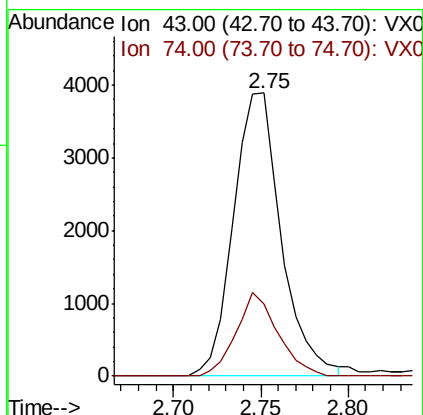
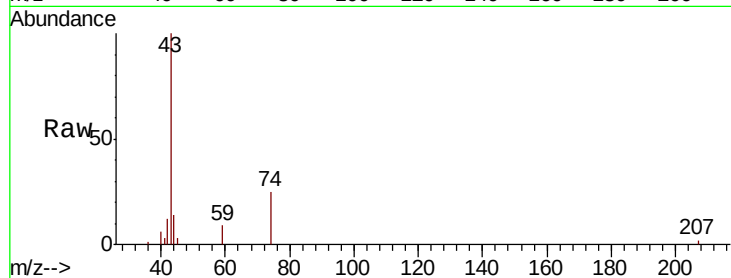




#15
Methvl Acetate
Concen: 2.221 ug/L
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

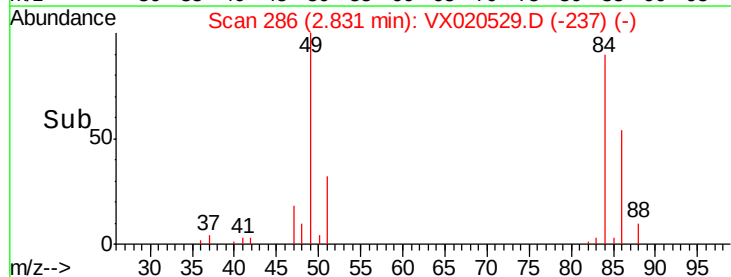
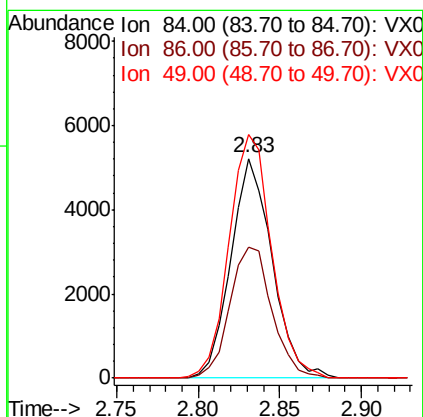
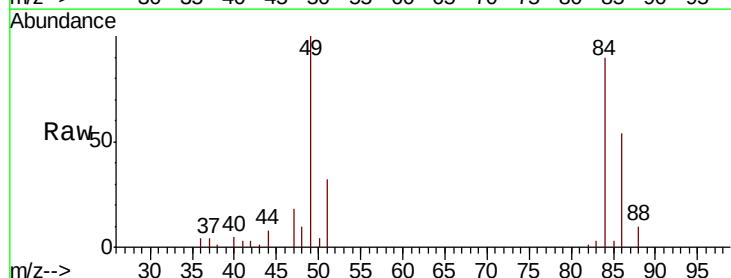
Instrument :
MSVOA_X
ClientSampleId :

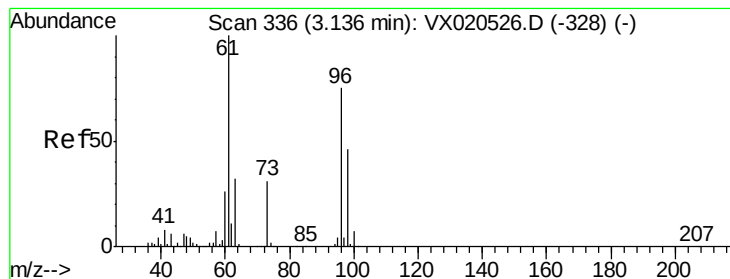
Tot Ion: 43 Resp: 7401
Ion Ratio Lower Upper
43 100
74 25.7 21.7 32.5



#16
Methylene chloride
Concen: 2.613 ug/L
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion: 84 Resp: 9235
Ion Ratio Lower Upper
84 100
86 59.6 44.2 82.0
49 110.8 77.8 144.6





#17

trans-1,2-Dichloroethene

Concen: 2.222 ug/L

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX020529.D

Acq: 07 Jan 2021 16:32

Instrument :

MSVOA_X

ClientSampleId :

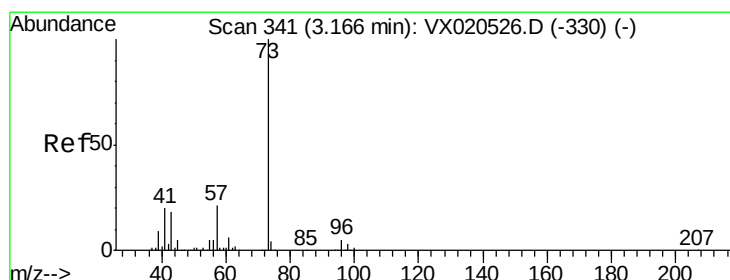
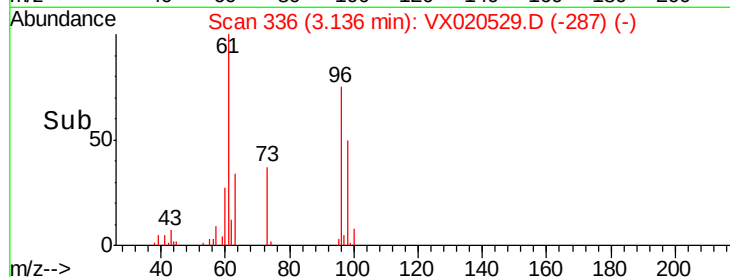
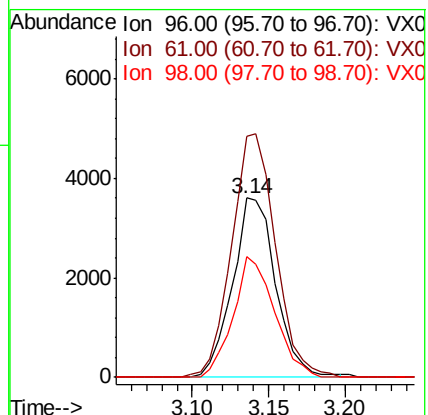
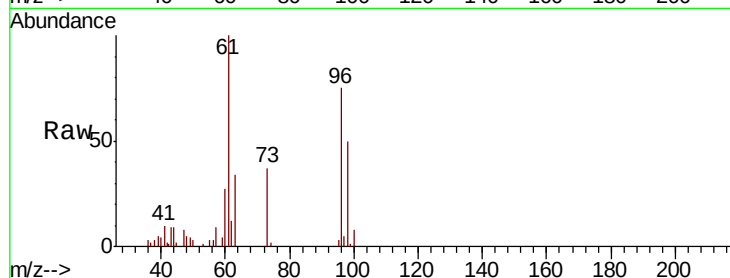
Tot Ion: 96 Resp: 7069

Ion Ratio Lower Upper

96 100

61 134.2 92.3 171.3

98 67.2 46.3 85.9



#18

Methyl tert-butyl Ether

Concen: 2.151 ug/L

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX020529.D

Acq: 07 Jan 2021 16:32

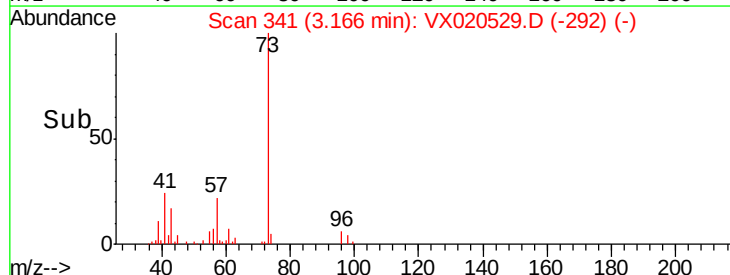
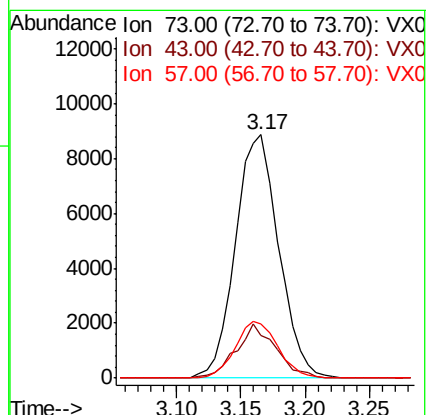
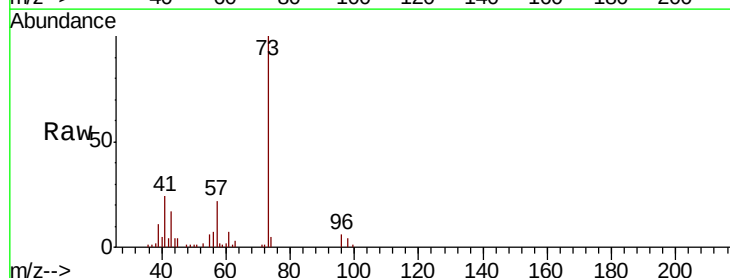
Tgt Ion: 73 Resp: 20684

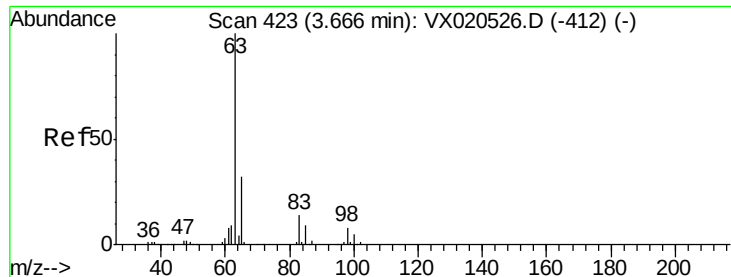
Ion Ratio Lower Upper

73 100

43 20.5 15.1 22.7

57 22.9 17.4 26.2

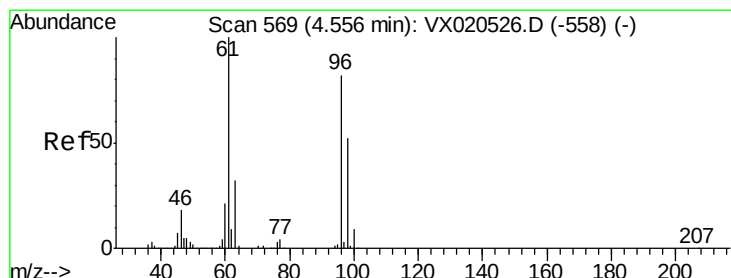
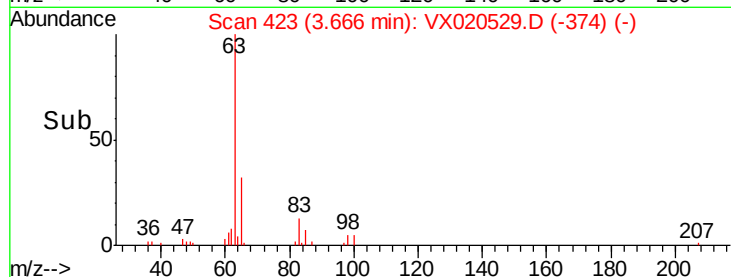
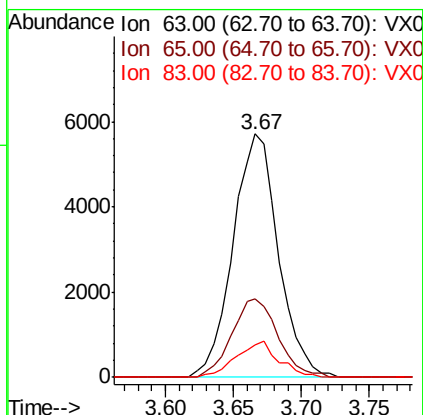
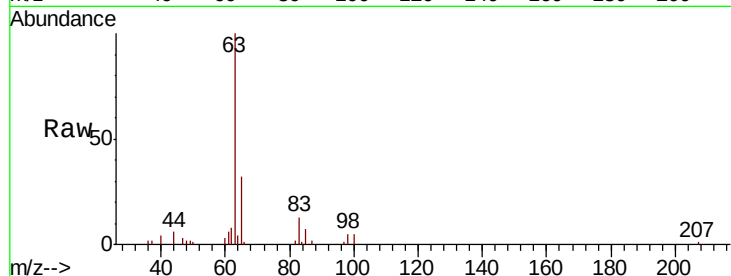




#19
 1,1-Dichloroethane
 Concen: 2.309 ug/L
 RT: 3.67 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: VX020529.D
 Acq: 07 Jan 2021 16:32

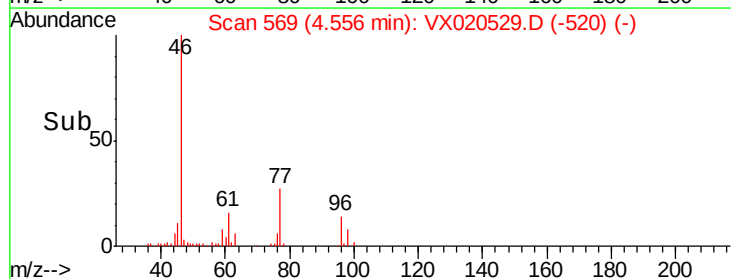
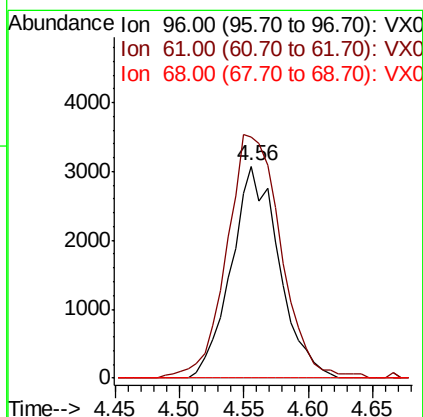
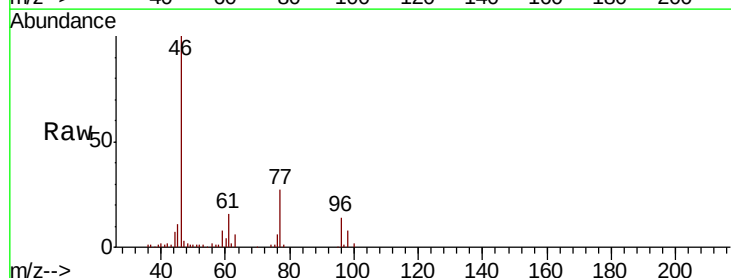
Instrument :
 MSVOA_X
 ClientSampleId :

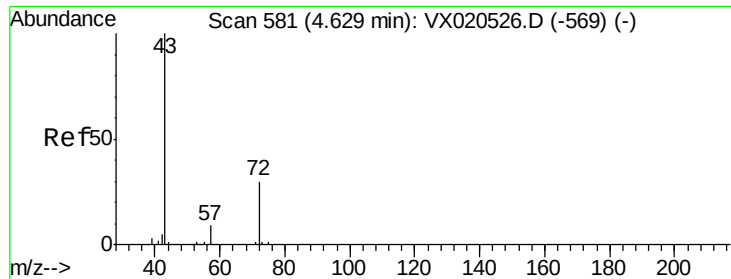
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.4	41.6
83	13.4	9.5	17.7



#20
 cis-1,2-Dichloroethene
 Concen: 2.289 ug/L
 RT: 4.56 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VX020529.D
 Acq: 07 Jan 2021 16:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	114.1	87.8	163.0
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 4.264 ug/L

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX020529.D

Acq: 07 Jan 2021 16:32

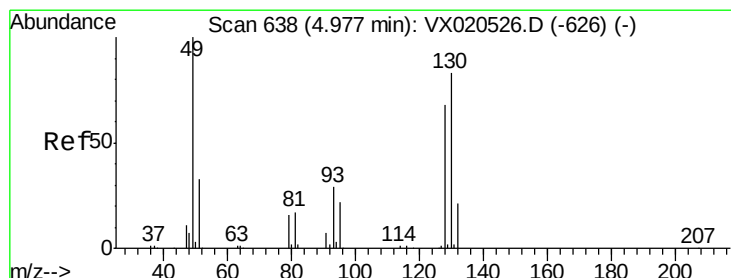
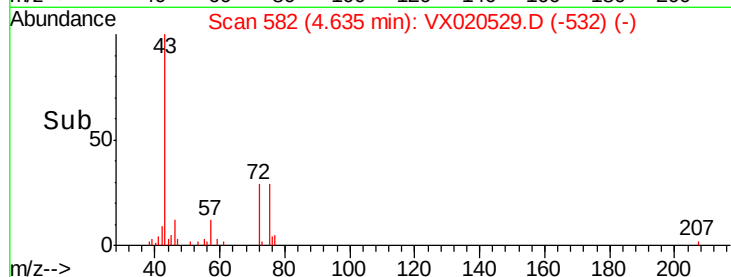
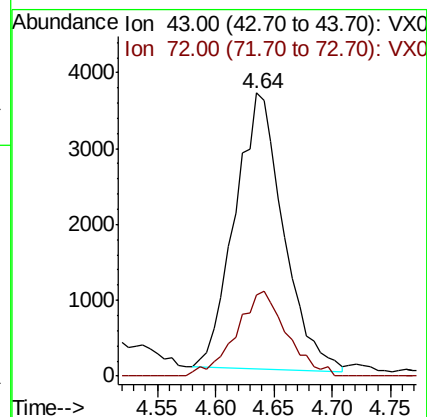
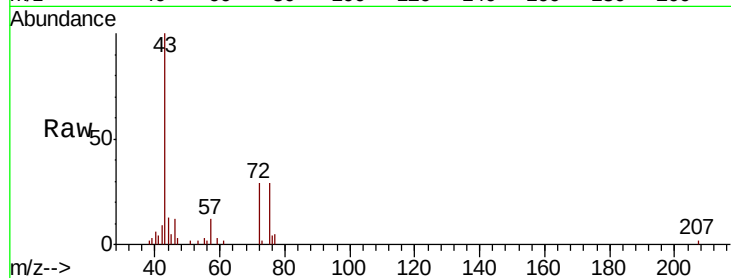
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 10550

Ion Ratio Lower Upper

43 100

72 31.5 15.3 45.8



#23

Bromochloromethane

Concen: 2.284 ug/L

RT: 4.98 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX020529.D

Acq: 07 Jan 2021 16:32

Tgt Ion:128 Resp: 4109

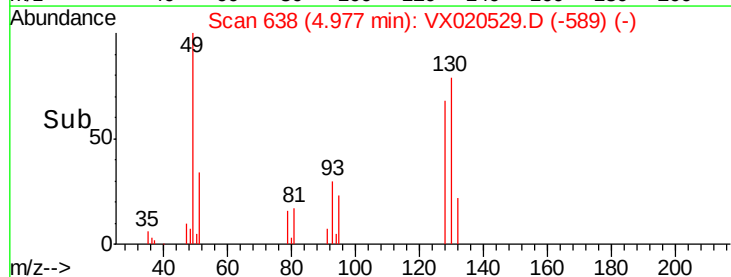
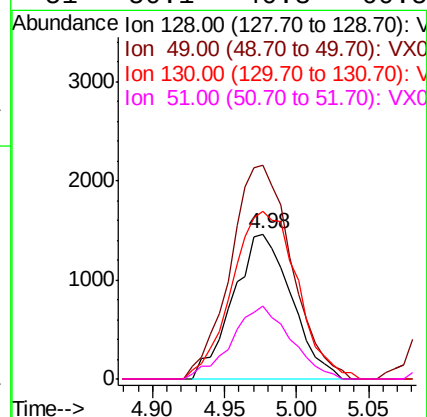
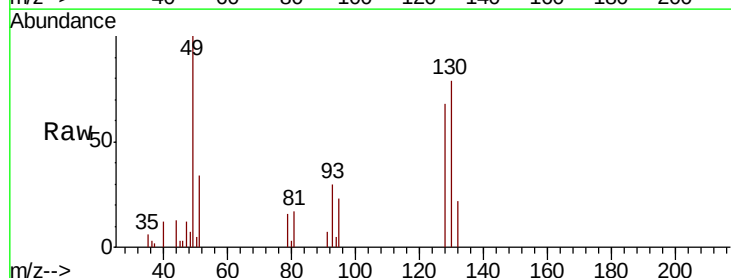
Ion Ratio Lower Upper

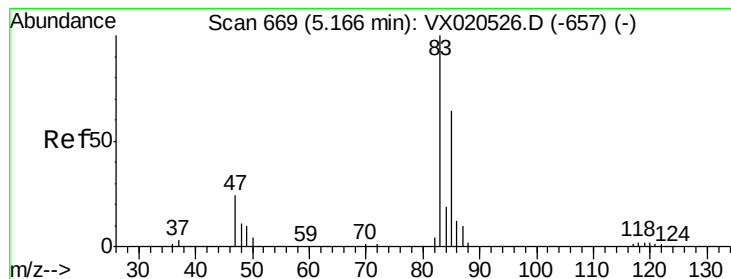
128 100

49 147.4 107.5 199.7

130 115.7 91.1 169.3

51 50.1 40.3 60.5





#25

Chloroform

Concen: 2.420 ug/L

RT: 5.17 min Scan# 669

Delta R.T. 0.00 min

Lab File: VX020529.D

Acq: 07 Jan 2021 16:32

Instrument :

MSVOA_X

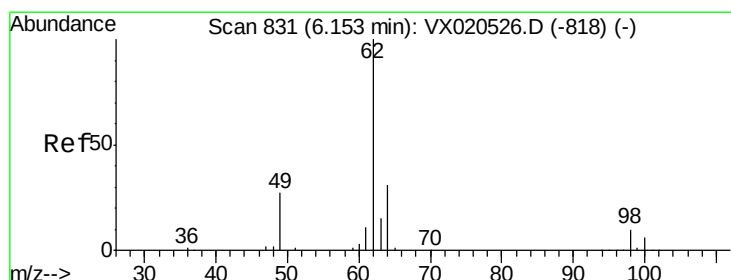
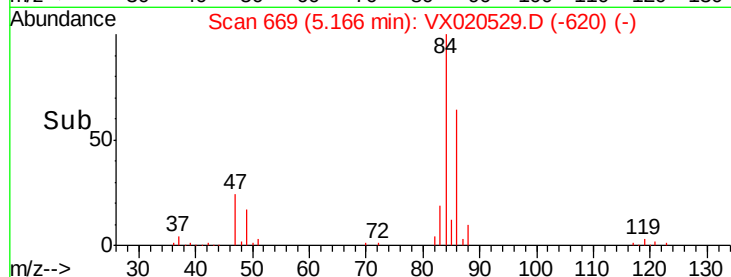
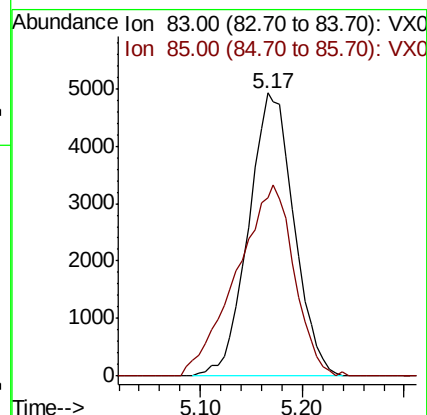
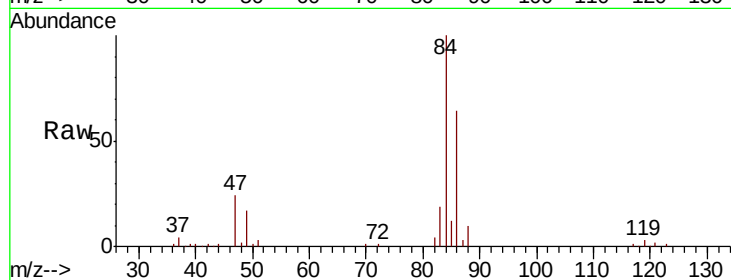
ClientSampled :

Tot Ion: 83 Resp: 15206

Ion Ratio Lower Upper

83 100

85 63.1 46.3 85.9



#27

1,2-Dichloroethane

Concen: 2.419 ug/L

RT: 6.15 min Scan# 831

Delta R.T. 0.00 min

Lab File: VX020529.D

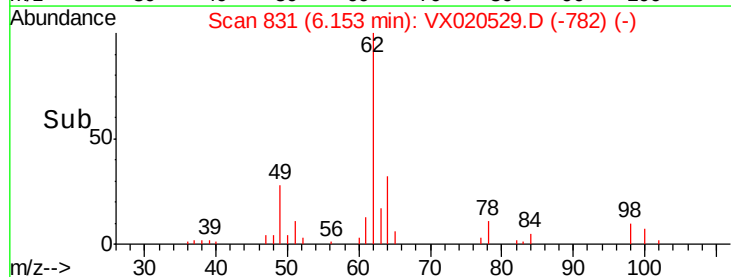
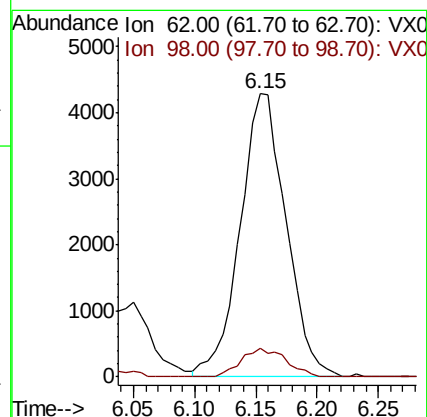
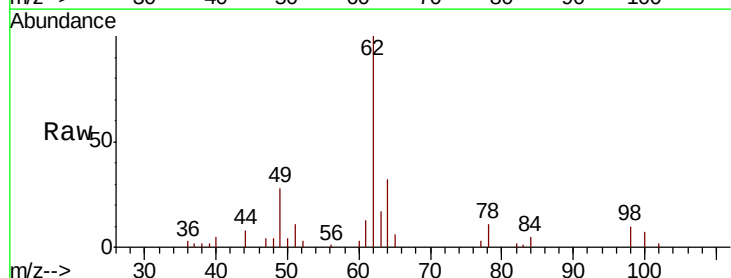
Acq: 07 Jan 2021 16:32

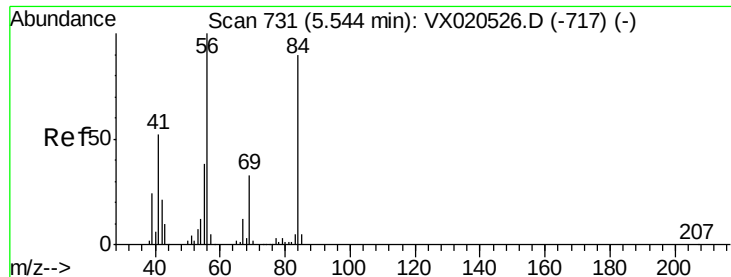
Tgt Ion: 62 Resp: 11205

Ion Ratio Lower Upper

62 100

98 10.1 7.9 11.9

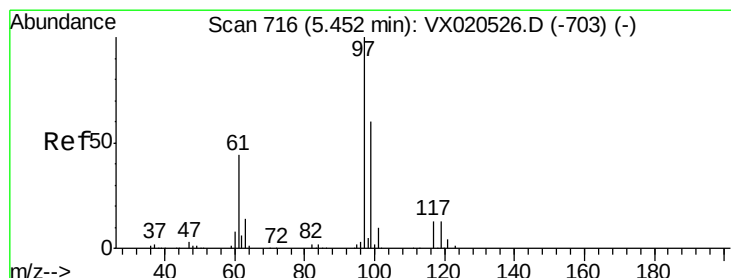
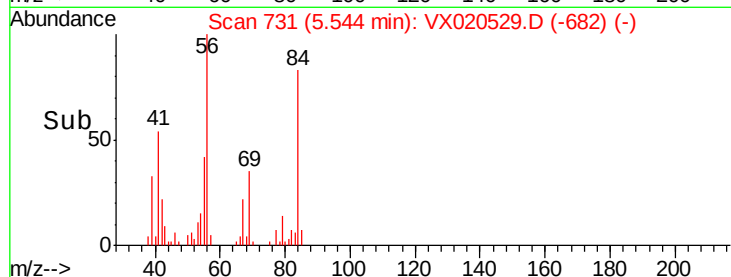
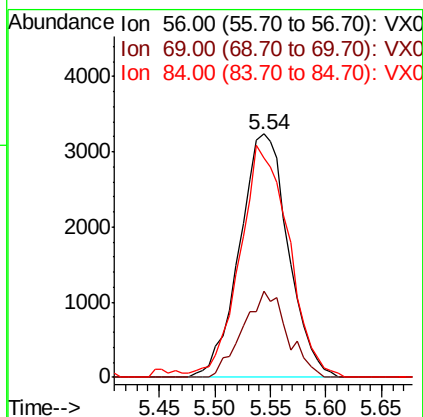
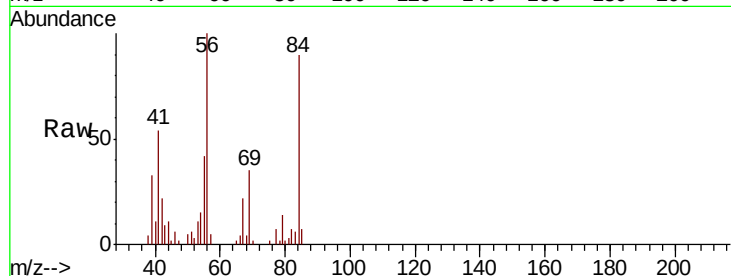




#29
Cyclohexane
Concen: 2.044 ug/L
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

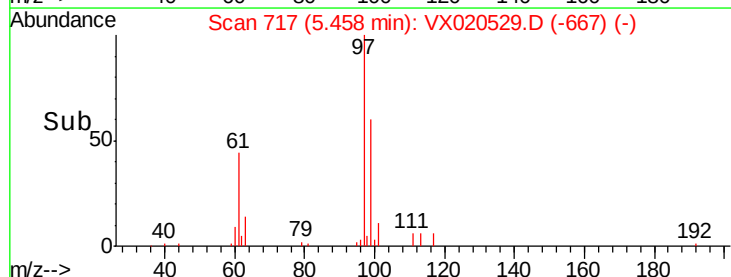
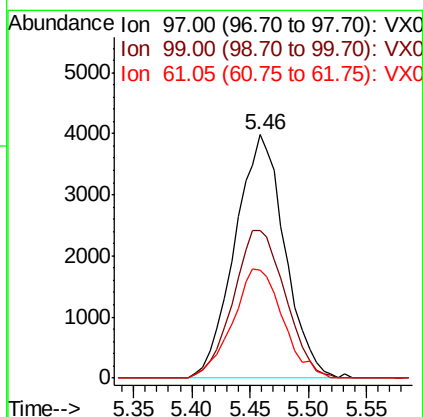
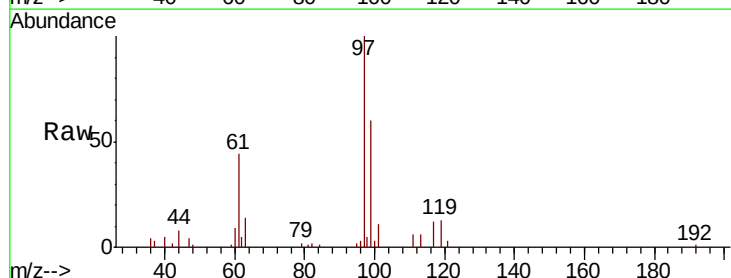
Instrument :
MSVOA_X
ClientSampleId :

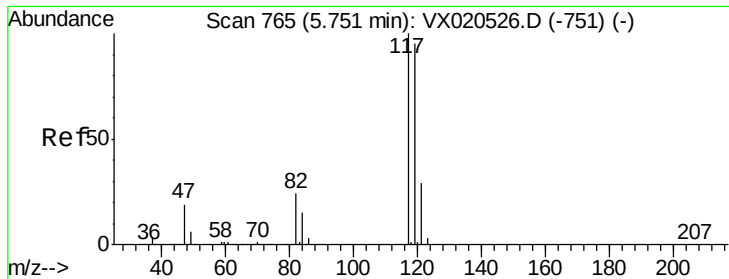
Tot Ion: 56 Resp: 9848
Ion Ratio Lower Upper
56 100
69 32.4 25.7 38.5
84 95.9 72.4 108.6



#30
1,1,1-Trichloroethane
Concen: 2.372 ug/L
RT: 5.46 min Scan# 717
Delta R.T. 0.01 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion: 97 Resp: 11848
Ion Ratio Lower Upper
97 100
99 63.5 52.1 78.1
61 45.3 35.3 52.9





#31

Carbon tetrachloride

Concen: 1.411 ug/L

RT: 5.74 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX020529.D

Acq: 07 Jan 2021 16:32

Instrument :

MSVOA_X

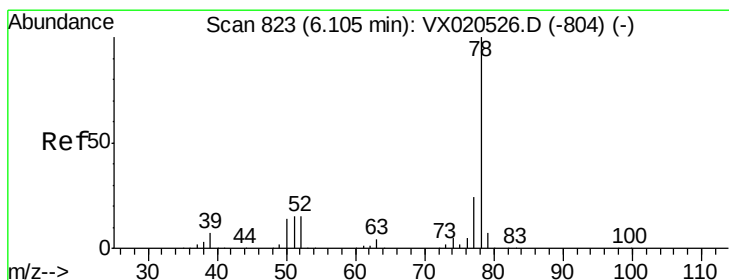
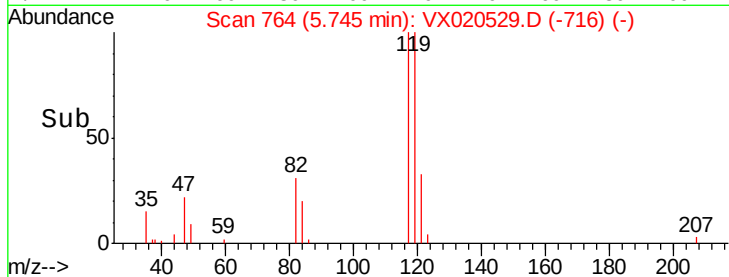
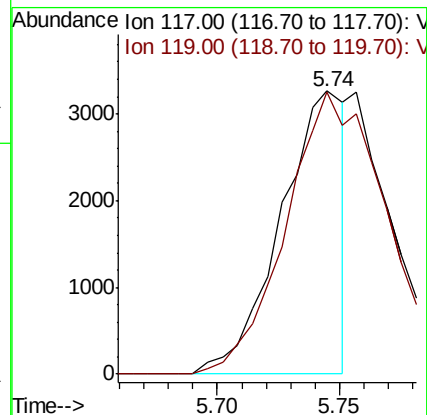
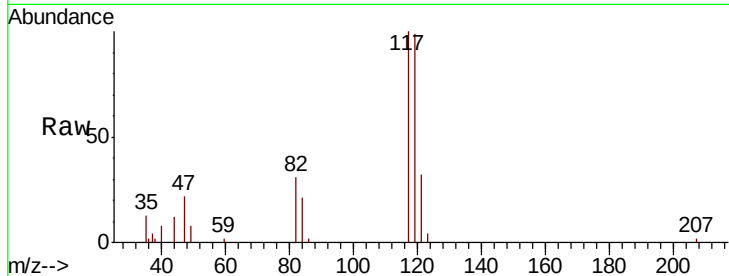
ClientSampleId :

Tot Ion:117 Resp: 5959

Ion Ratio Lower Upper

117 100

119 155.3 77.5 116.3#



#33

Benzene

Concen: 2.366 ug/L

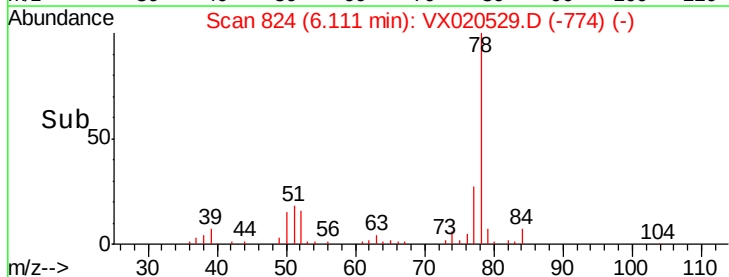
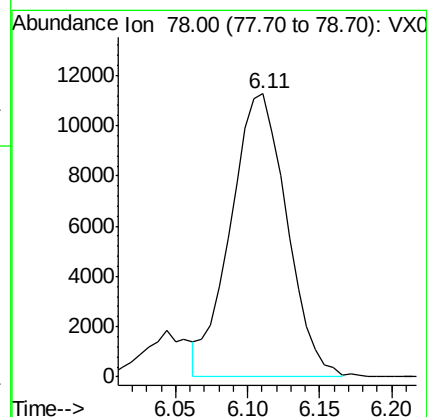
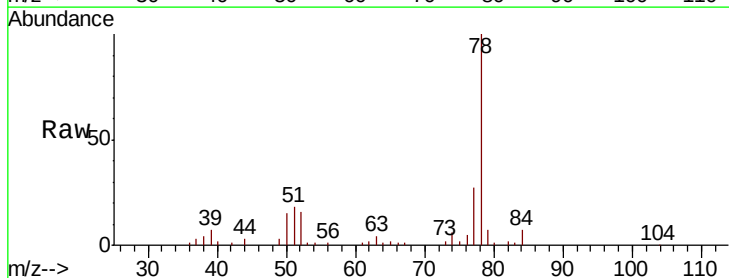
RT: 6.11 min Scan# 824

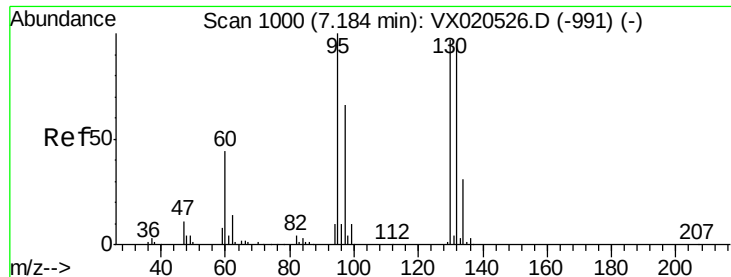
Delta R.T. 0.01 min

Lab File: VX020529.D

Acq: 07 Jan 2021 16:32

Tgt Ion: 78 Resp: 30558

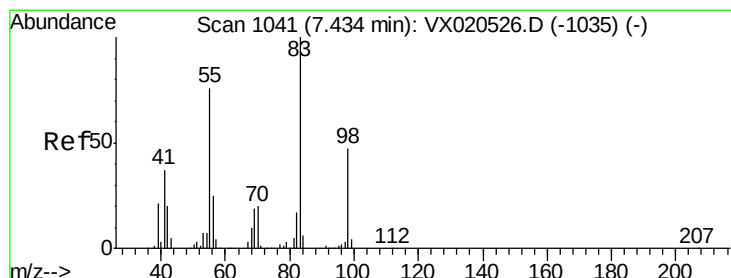
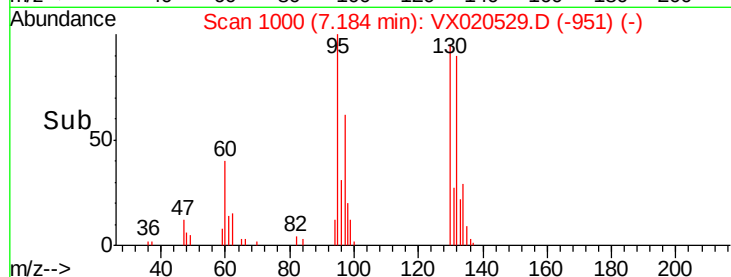
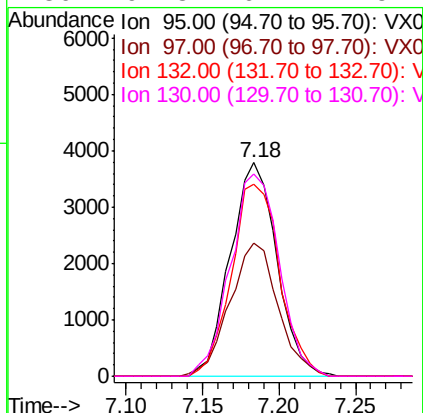
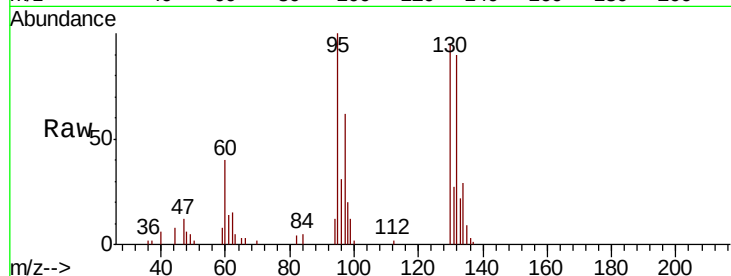




#34
 Trichloroethene
 Concen: 2.438 ug/L
 RT: 7.18 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VX020529.D
 Acq: 07 Jan 2021 16:32

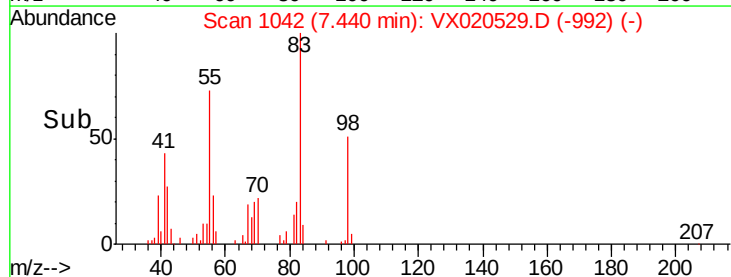
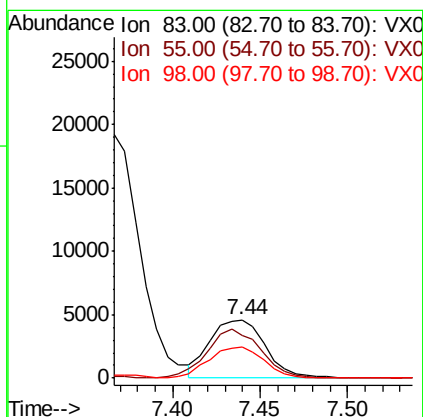
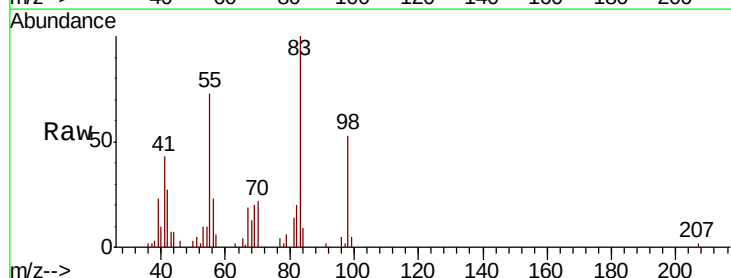
Instrument :
 MSVOA_X
 ClientSampleId :

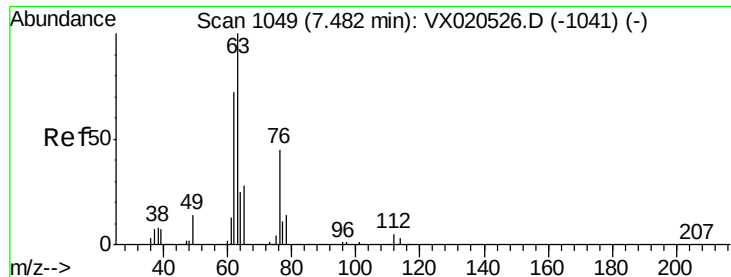
Tot Ion: 95 Resp: 8019
 Ion Ratio Lower Upper
 95 100
 97 62.4 44.5 82.7
 132 90.1 65.2 121.0
 130 94.8 67.7 125.7



#35
 Methylcyclohexane
 Concen: 2.048 ug/L
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: VX020529.D
 Acq: 07 Jan 2021 16:32

Tgt Ion: 83 Resp: 10128
 Ion Ratio Lower Upper
 83 100
 55 81.7 61.2 91.8
 98 52.7 38.7 58.1

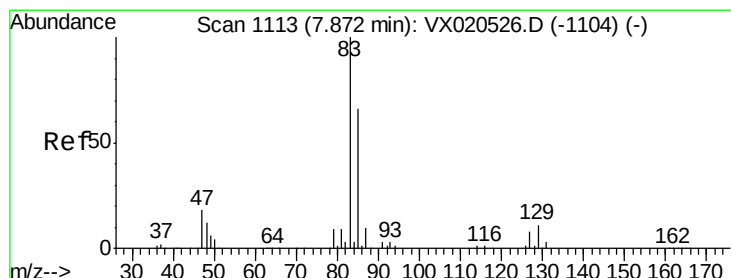
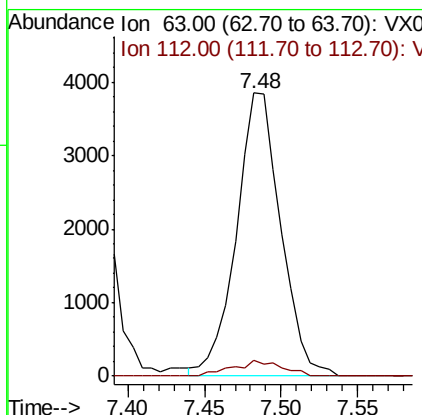
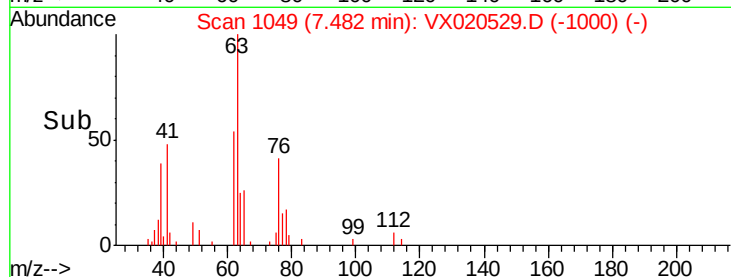
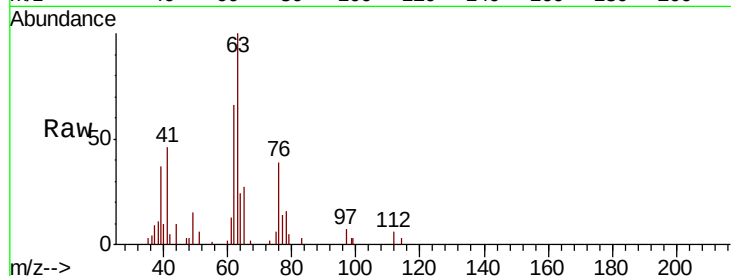




#37
 1,2-Dichloropropane
 Concen: 2.366 ug/L
 RT: 7.48 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VX020529.D
 Acq: 07 Jan 2021 16:32

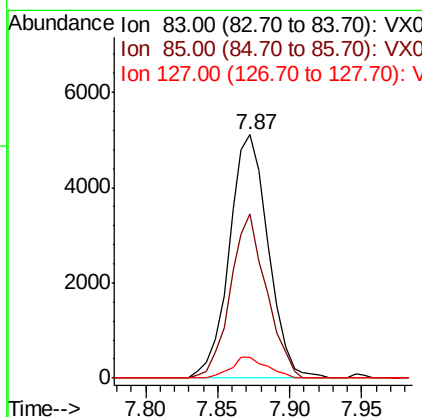
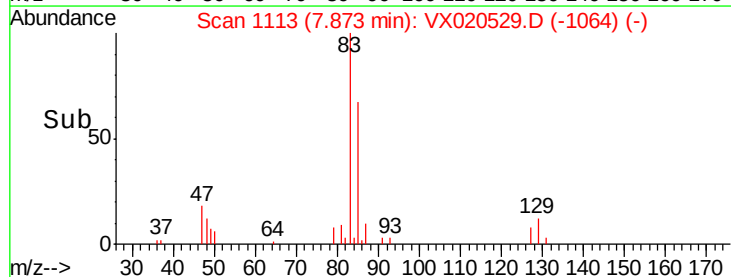
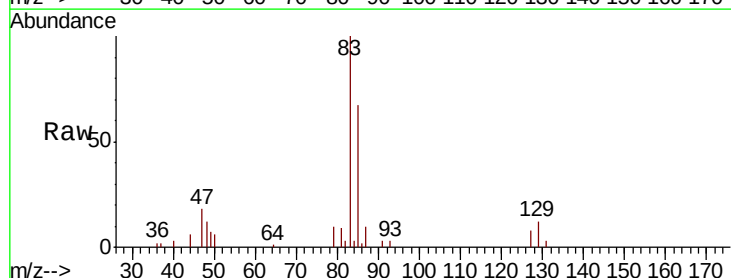
Instrument :
 MSVOA_X
 ClientSampled :

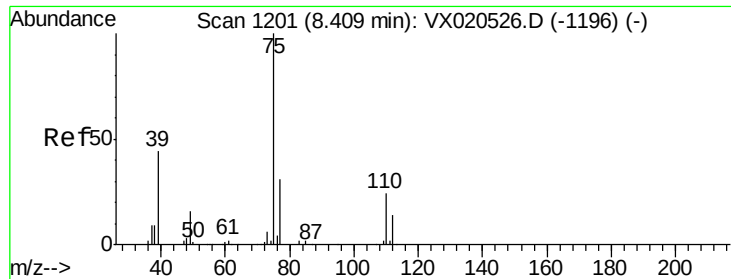
Tot Ion: 63 Resp: 7753
 Ion Ratio Lower Upper
 63 100
 112 3.9 3.6 5.4



#38
 Bromodichloromethane
 Concen: 2.290 ug/L
 RT: 7.87 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VX020529.D
 Acq: 07 Jan 2021 16:32

Tgt Ion: 83 Resp: 9635
 Ion Ratio Lower Upper
 83 100
 85 67.3 45.1 83.7
 127 8.4 6.6 10.0

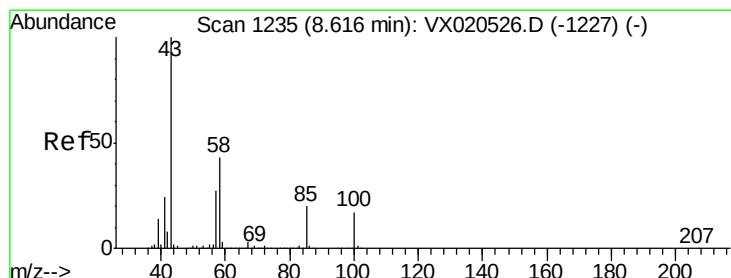
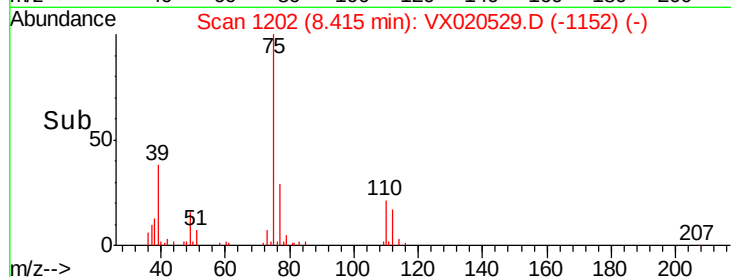
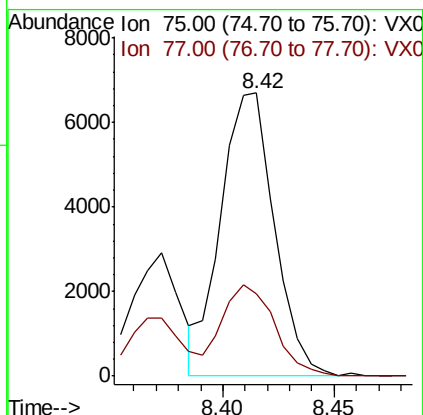
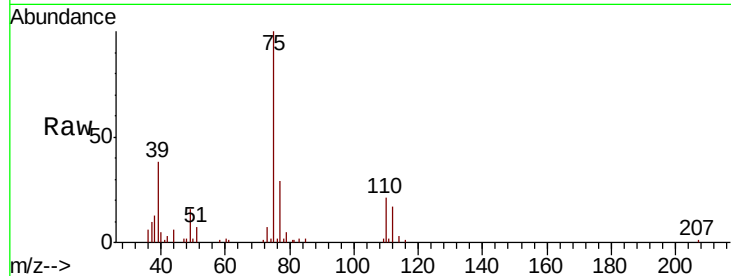




#39
 cis-1,3-Dichloropropene
 Concen: 2.274 ug/L
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX020529.D
 Acq: 07 Jan 2021 16:32

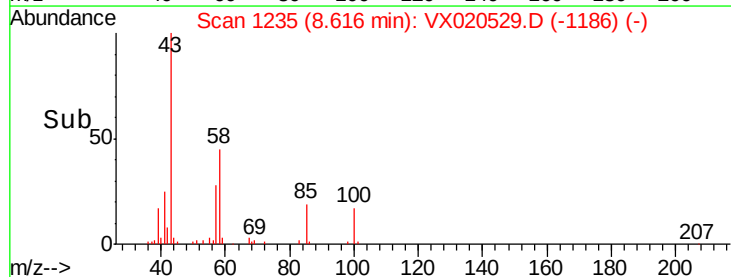
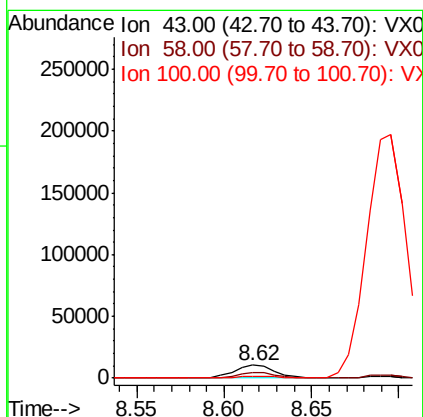
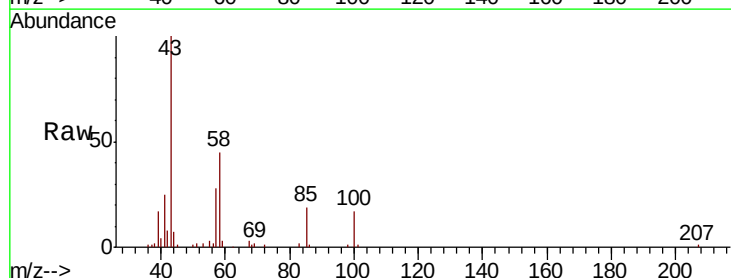
Instrument :
 MSVOA_X
 ClientSampleId :

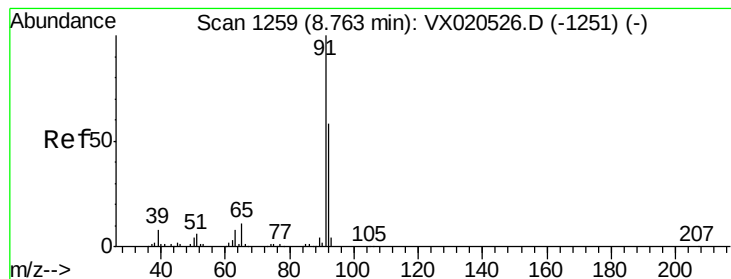
Tot Ion: 75 Resp: 11204
 Ion Ratio Lower Upper
 75 100
 77 29.1 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 3.927 ug/L
 RT: 8.62 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX020529.D
 Acq: 07 Jan 2021 16:32

Tgt Ion: 43 Resp: 16902
 Ion Ratio Lower Upper
 43 100
 58 43.8 35.0 52.4
 100 18.4 14.2 21.4





#42

Toluene

Concen: 2.317 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX020529.D

Acq: 07 Jan 2021 16:32

Instrument :

MSVOA_X

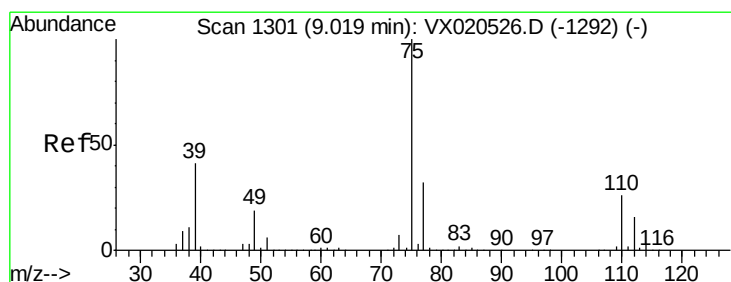
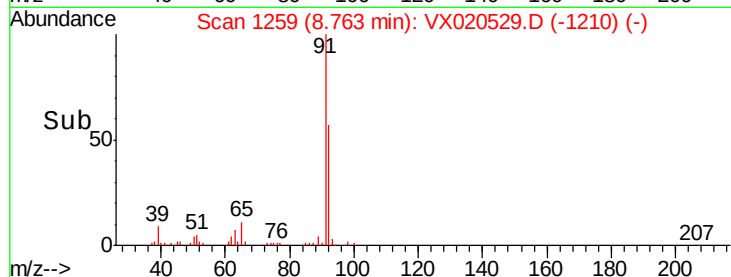
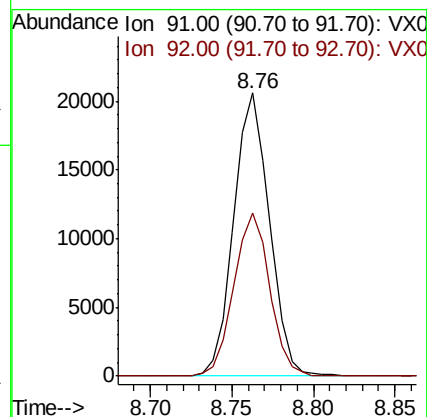
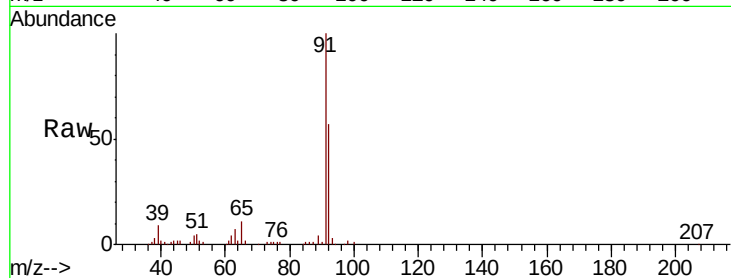
ClientSampled :

Tot Ion: 91 Resp: 31347

Ion Ratio Lower Upper

91 100

92 57.4 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 2.149 ug/L

RT: 9.02 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VX020529.D

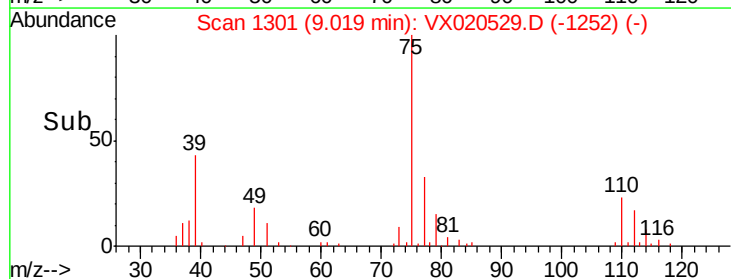
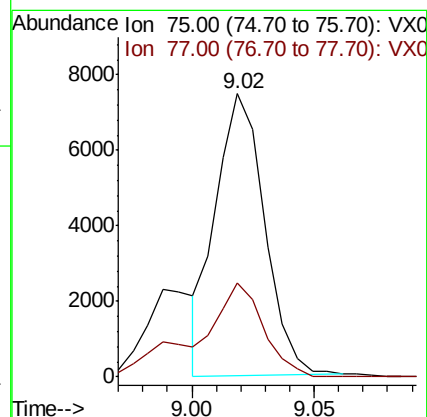
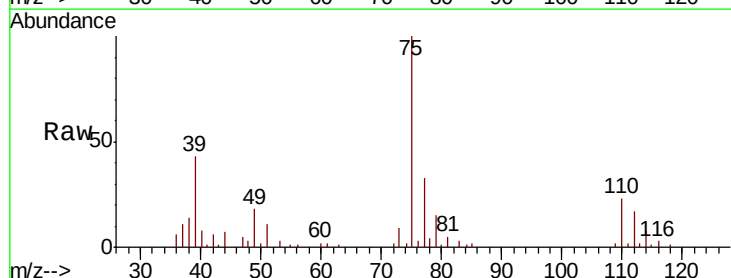
Acq: 07 Jan 2021 16:32

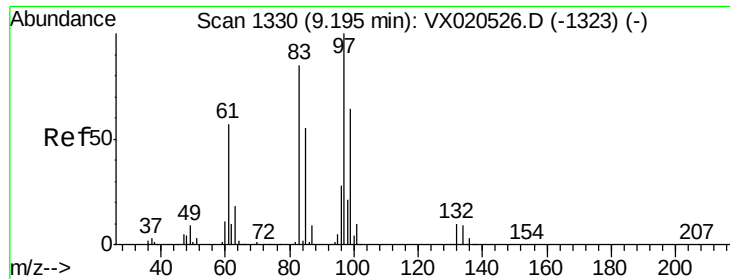
Tgt Ion: 75 Resp: 10337

Ion Ratio Lower Upper

75 100

77 33.4 22.4 41.6

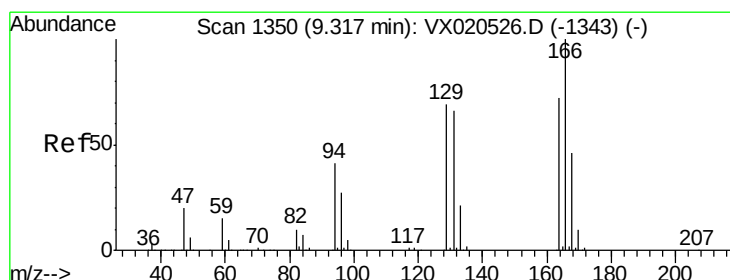
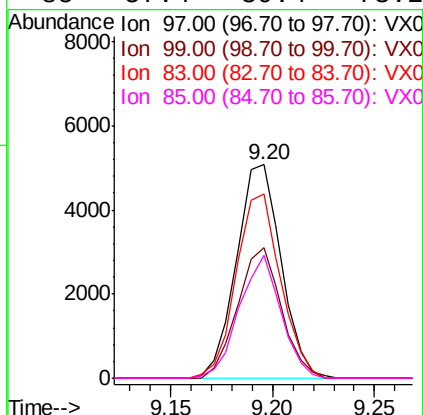
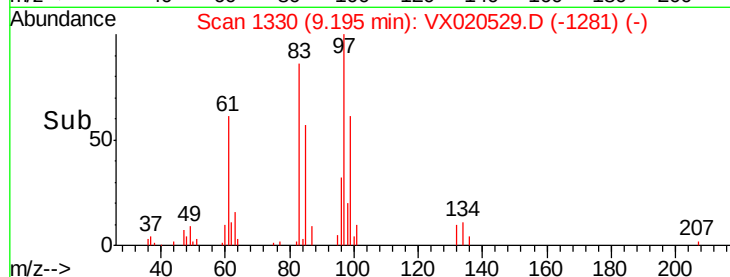
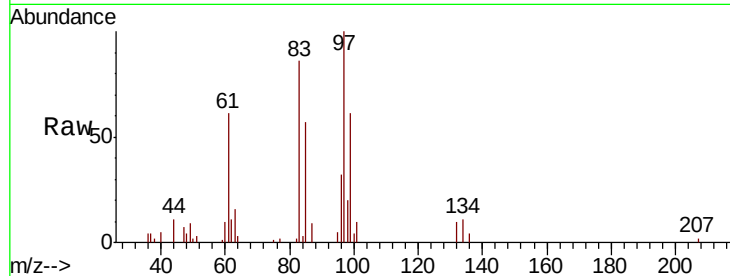




#45
1,1,2-Trichloroethane
Concen: 2.390 ug/L
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

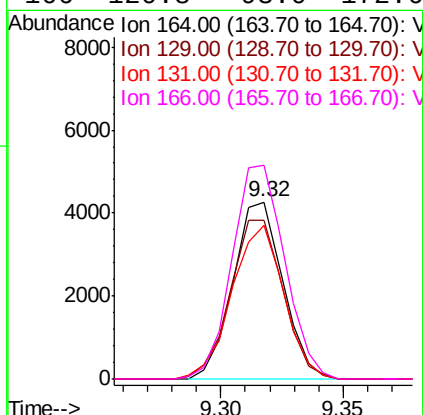
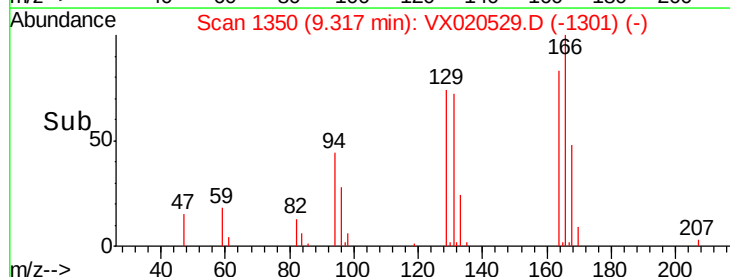
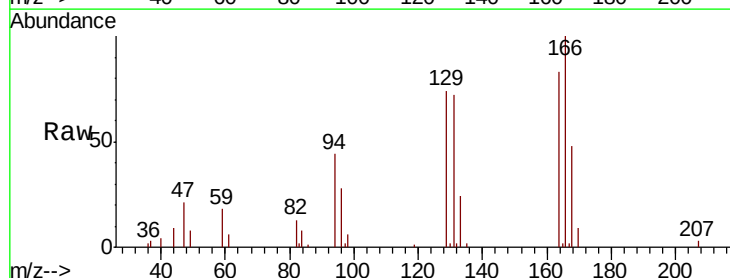
Instrument :
MSVOA_X
ClientSampleId :

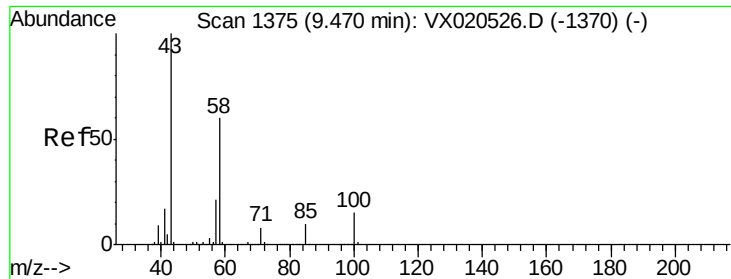
Tot Ion:	97	Resp:	7749
Ion	Ratio	Lower	Upper
97	100		
99	60.9	44.0	81.6
83	86.4	60.8	113.0
85	57.4	39.4	73.2



#46
Tetrachloroethene
Concen: 2.372 ug/L
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion:	164	Resp:	6047
Ion	Ratio	Lower	Upper
164	100		
129	89.9	65.6	121.8
131	86.6	63.7	118.3
166	120.8	93.0	172.6

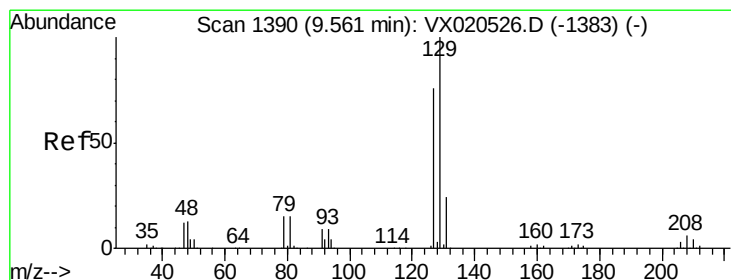
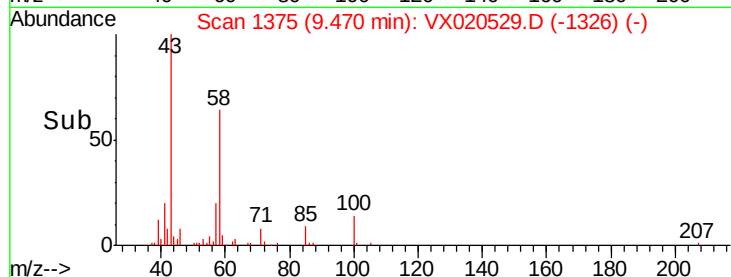
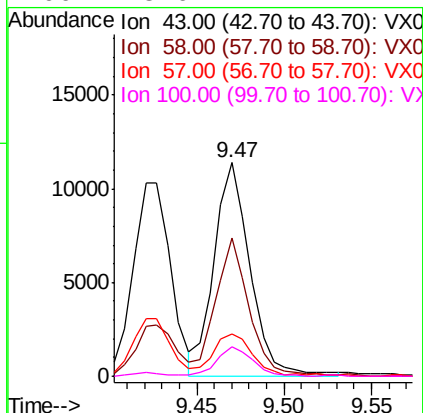
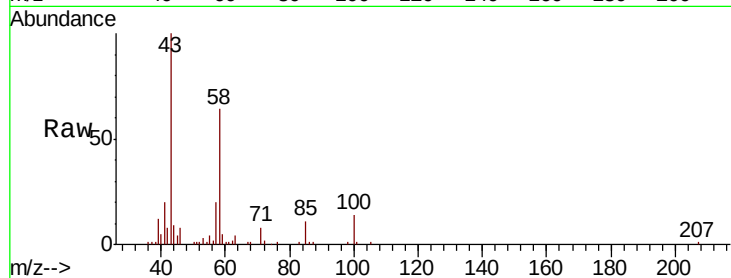




#48
2-Hexanone
Concen: 4.806 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

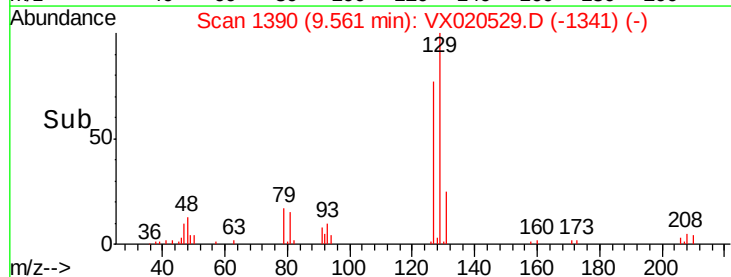
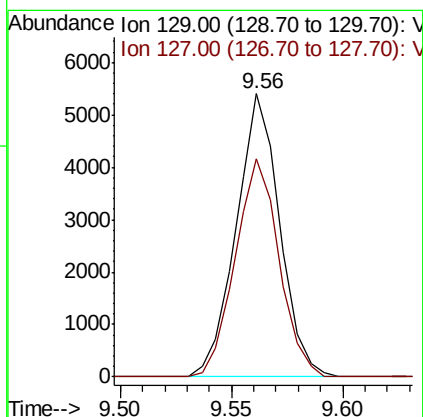
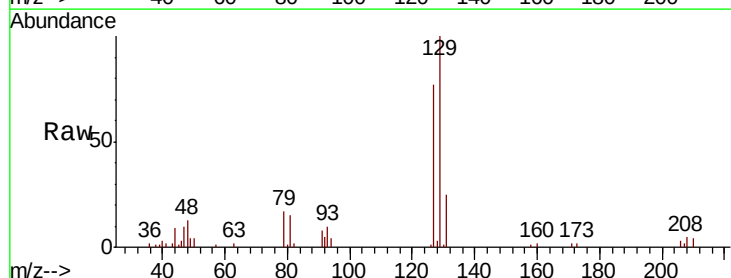
Instrument :
MSVOA_X
ClientSampleId :

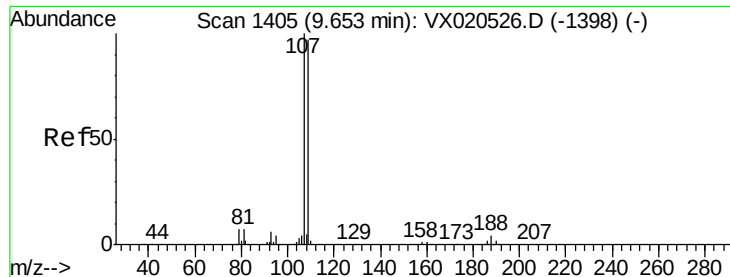
Tot Ion: 43 Resp: 16347
Ion Ratio Lower Upper
43 100
58 60.4 50.1 75.1
57 22.1 17.3 25.9
100 13.6 11.4 17.2



#49
Dibromochloromethane
Concen: 2.210 ug/L
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion: 129 Resp: 7349
Ion Ratio Lower Upper
129 100
127 77.0 52.5 97.5

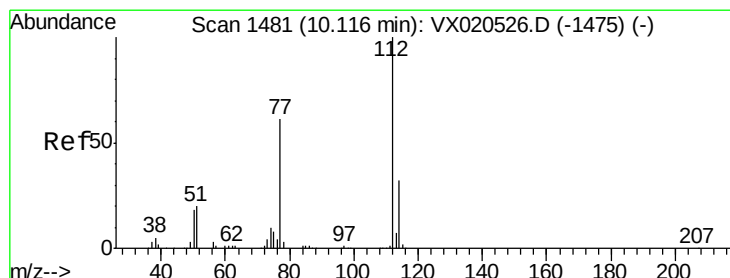
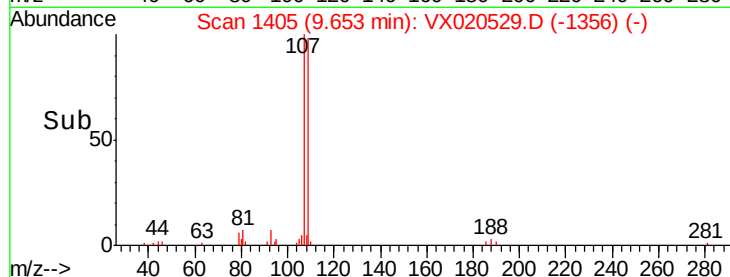
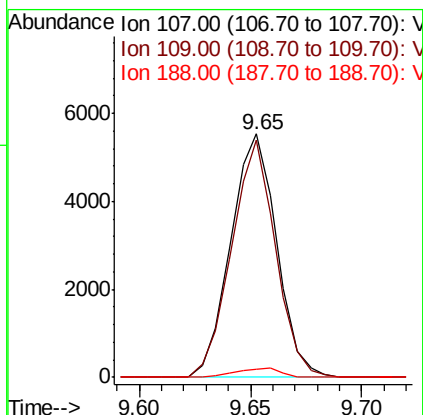
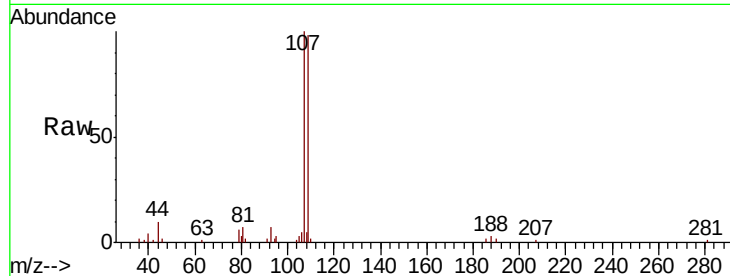




#50
1,2-Dibromoethane
Concen: 2.365 ug/L
RT: 9.65 min Scan# 1405
Delta R.T. 0.00 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

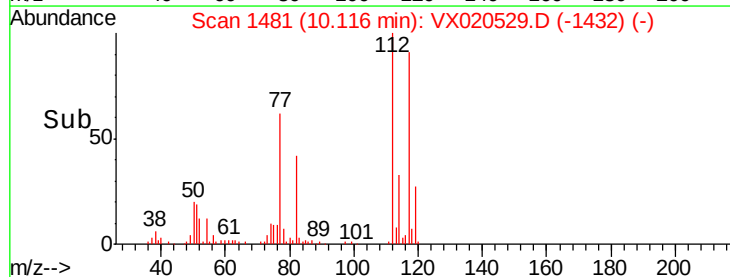
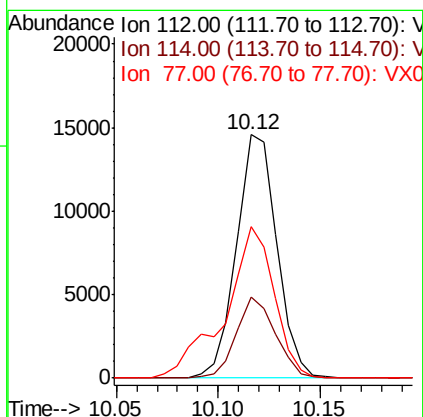
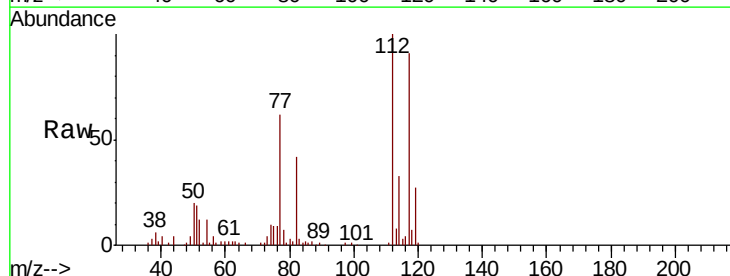
Instrument :
MSVOA_X
ClientSampleId :

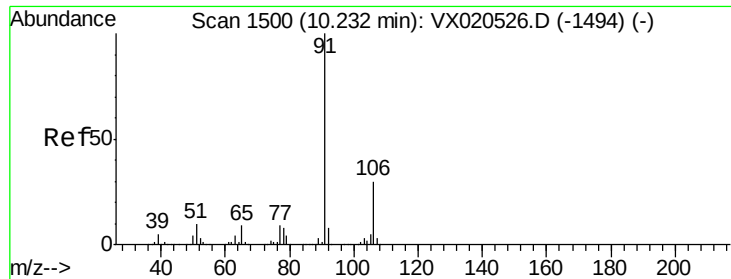
Tot Ion	Ratio	Lower	Upper
107	100		
109	97.6	66.4	123.4
188	3.2	3.2	4.8



#51
Chlorobenzene
Concen: 2.344 ug/L
RT: 10.12 min Scan# 1481
Delta R.T. 0.00 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.4	23.2	43.2
77	62.0	48.4	72.6





#52

Ethylbenzene

Concen: 2.177 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX020529.D

Acq: 07 Jan 2021 16:32

Instrument :

MSVOA_X

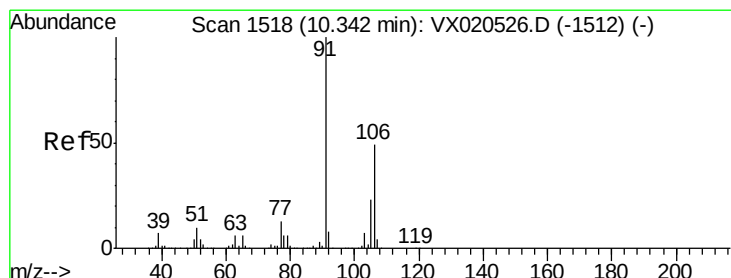
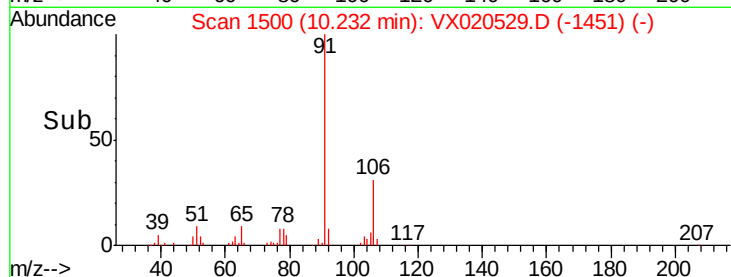
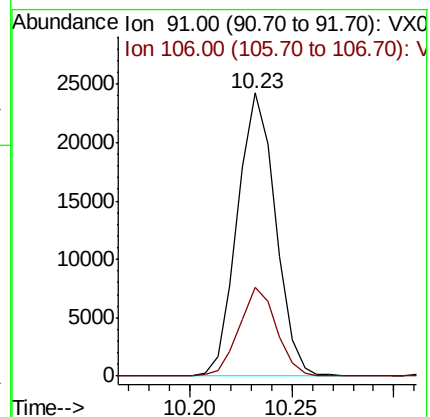
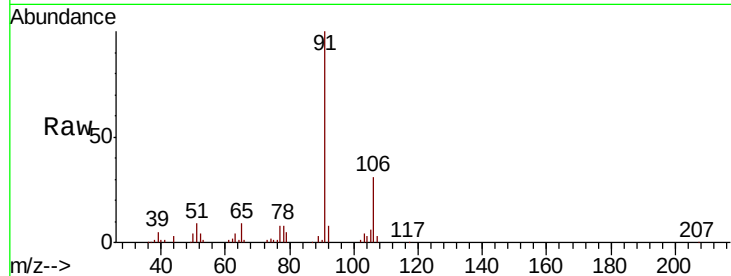
ClientSampled :

Tot Ion: 91 Resp: 31494

Ion Ratio Lower Upper

91 100

106 31.4 21.0 39.0



#53

m,p-Xylene

Concen: 2.057 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX020529.D

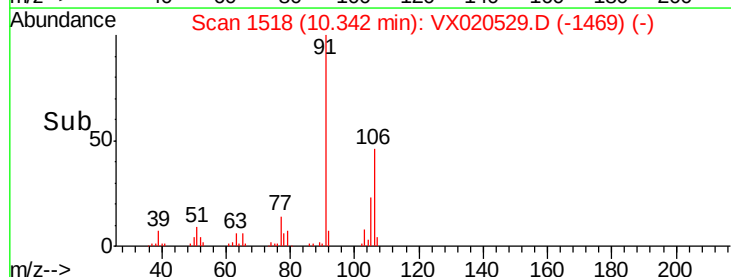
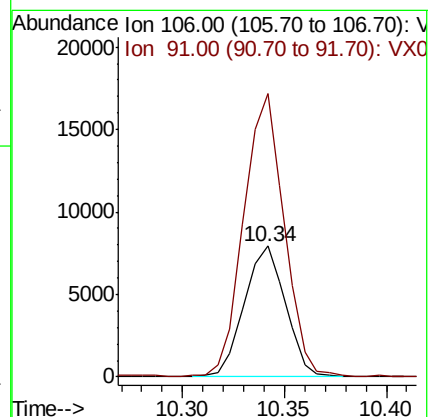
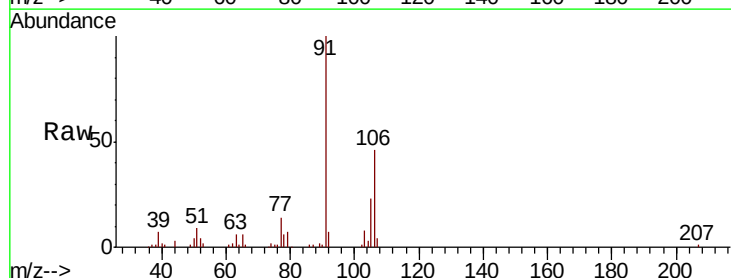
Acq: 07 Jan 2021 16:32

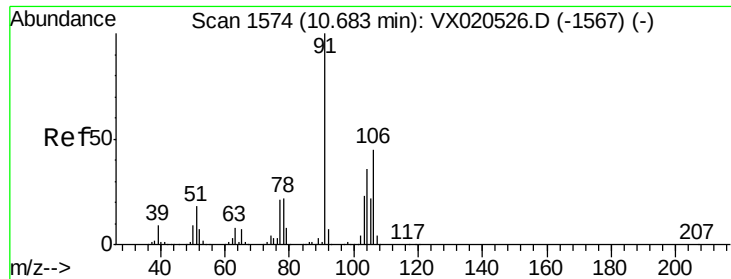
Tgt Ion: 106 Resp: 11117

Ion Ratio Lower Upper

106 100

91 216.9 142.5 264.6

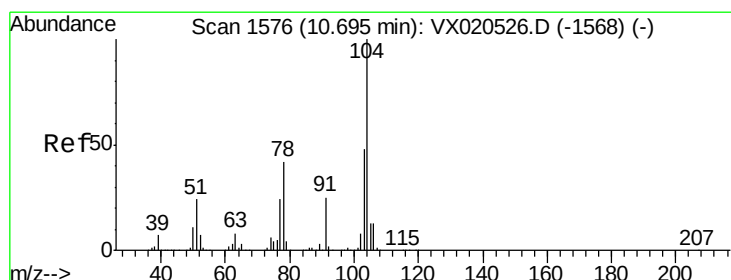
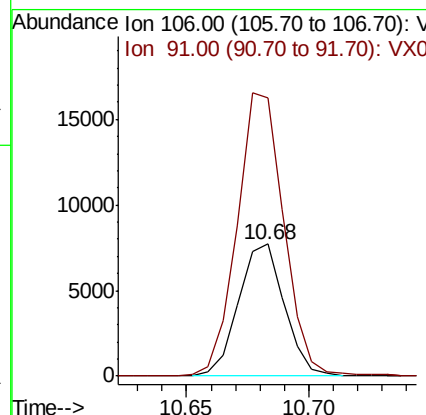
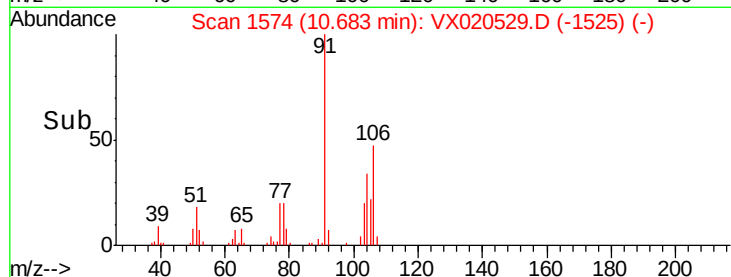
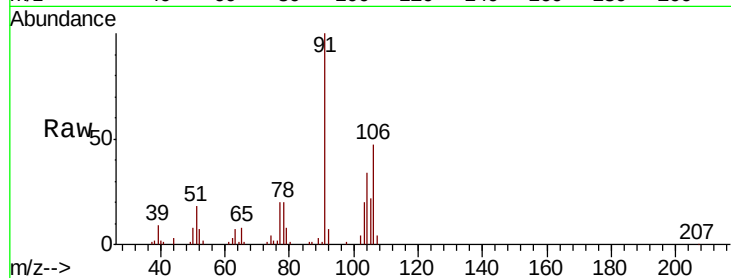




#54
o-Xylene
Concen: 1.919 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

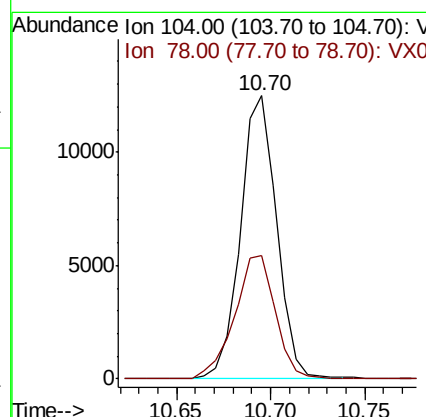
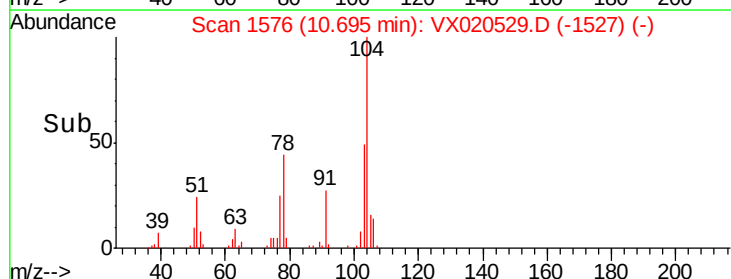
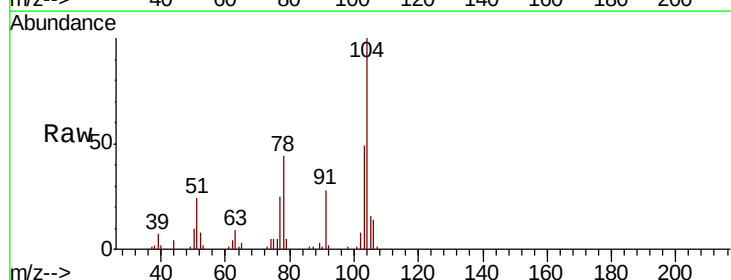
Instrument :
MSVOA_X
ClientSampleId :

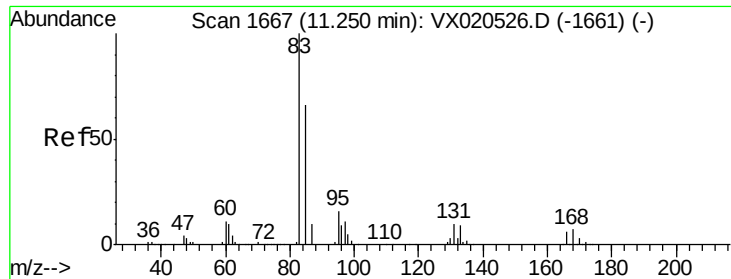
Tot Ion:106 Resp: 10068
Ion Ratio Lower Upper
106 100
91 210.6 156.2 290.0



#55
Styrene
Concen: 1.872 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion:104 Resp: 16625
Ion Ratio Lower Upper
104 100
78 43.7 30.0 55.6

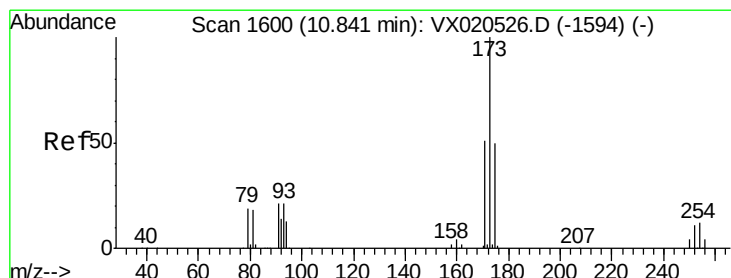
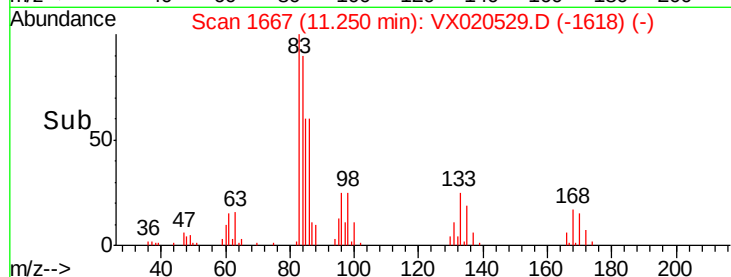
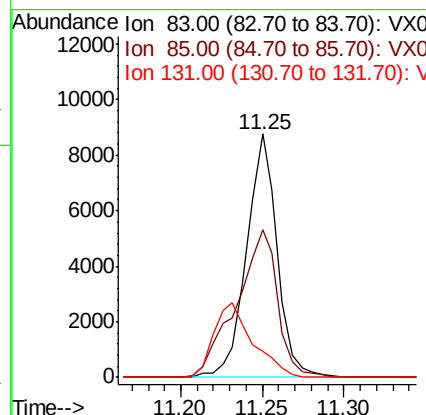
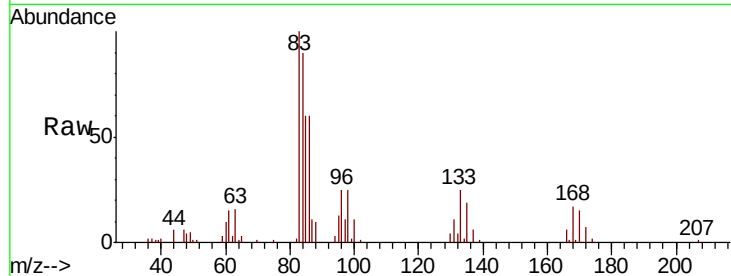




#57
 1,1,2,2-Tetrachloroethane
 Concen: 2.232 ug/L
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX020529.D
 Acq: 07 Jan 2021 16:32

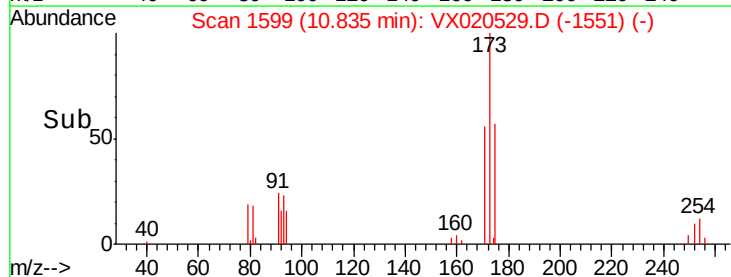
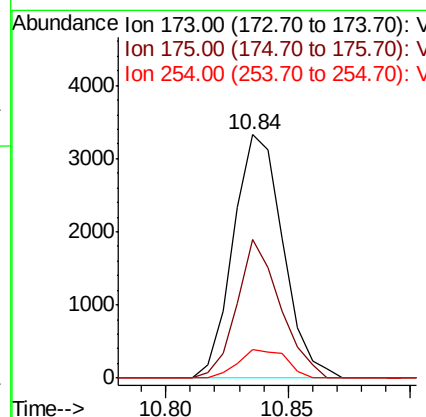
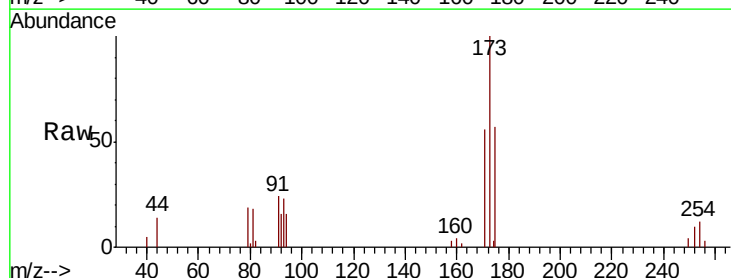
Instrument :
 MSVOA_X
 ClientSampleId :

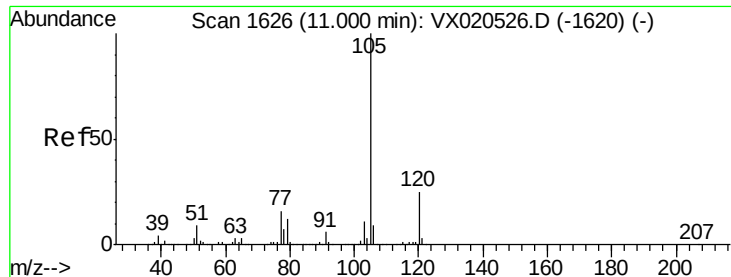
Tot Ion: 83 Resp: 11485
 Ion Ratio Lower Upper
 83 100
 85 60.4 44.7 82.9
 131 10.8 7.8 11.8



#59
 Bromoform
 Concen: 2.124 ug/L
 RT: 10.84 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: VX020529.D
 Acq: 07 Jan 2021 16:32

Tgt Ion: 173 Resp: 4692
 Ion Ratio Lower Upper
 173 100
 175 49.8 39.4 59.2
 254 11.4 8.6 13.0





#60

Isopropylbenzene

Concen: 2.014 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX020529.D

Acq: 07 Jan 2021 16:32

Instrument :

MSVOA_X

ClientSampled :

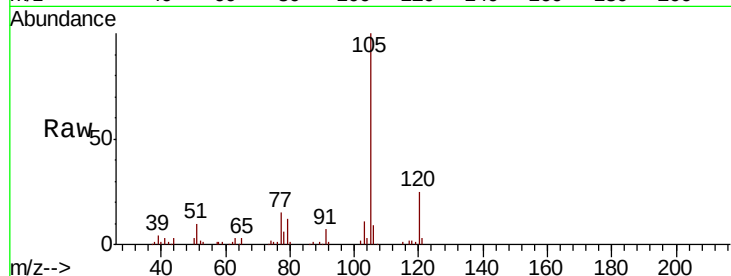
Tot Ion:105 Resp: 25109

Ion Ratio Lower Upper

105 100

120 26.3 21.2 31.8

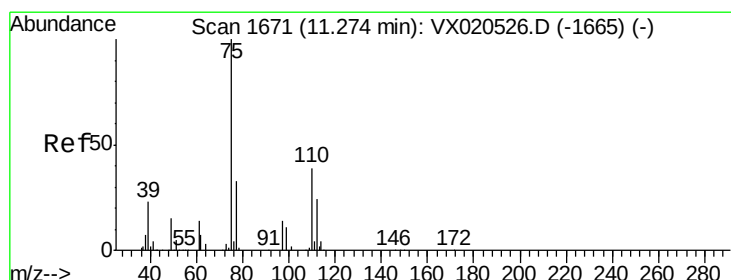
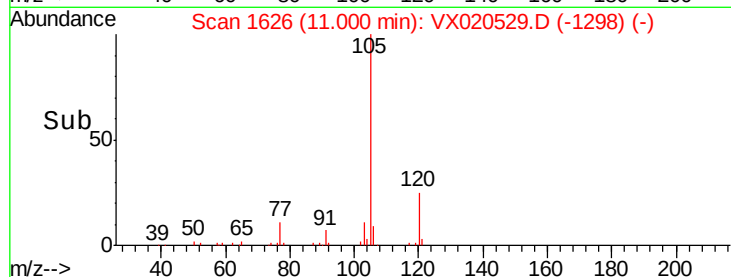
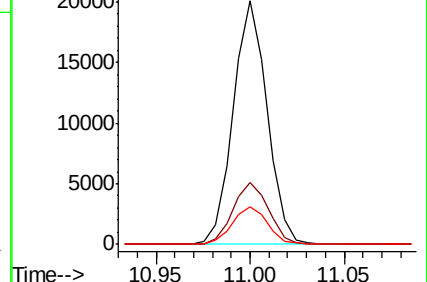
77 15.8 12.6 18.8



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: 2.308 ug/L

RT: 11.28 min Scan# 1672

Delta R.T. 0.01 min

Lab File: VX020529.D

Acq: 07 Jan 2021 16:32

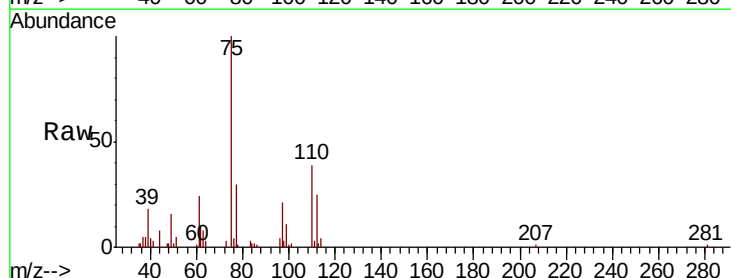
Tgt Ion: 75 Resp: 8904

Ion Ratio Lower Upper

75 100

77 32.3 26.2 39.2

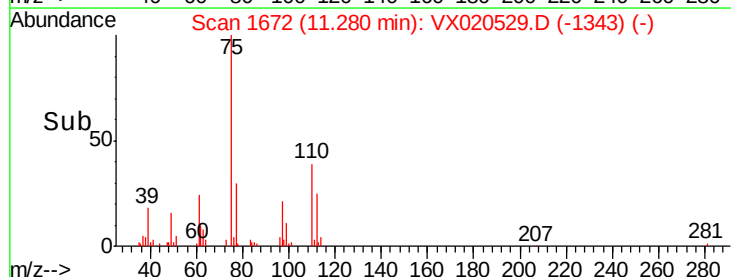
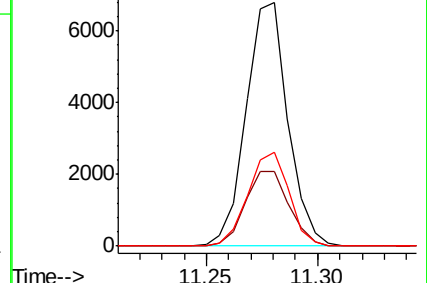
110 37.9 31.8 47.8

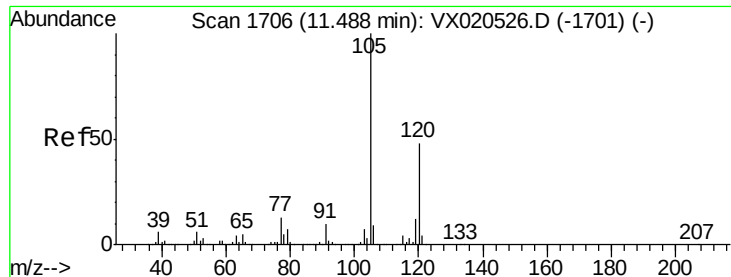


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 110.00 (109.70 to 110.70): V





#62

1,3,5-Trimethylbenzene

Concen: 1.914 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX020529.D

Acq: 07 Jan 2021 16:32

Instrument :

MSVOA_X

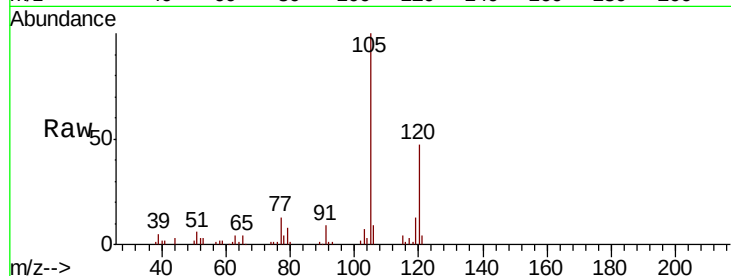
ClientSampled :

Tot Ion:105 Resp: 19466

Ion Ratio Lower Upper

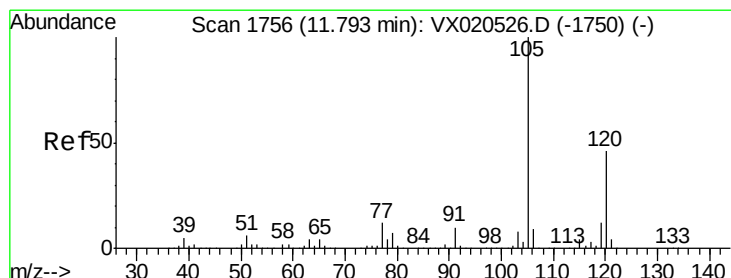
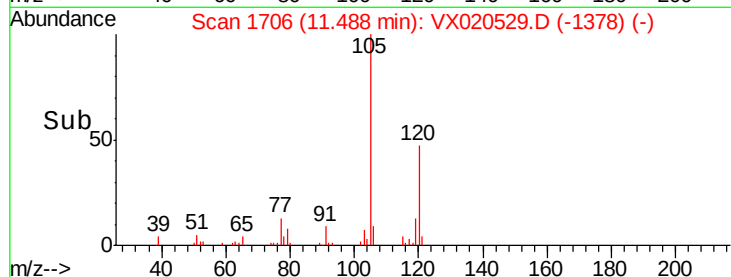
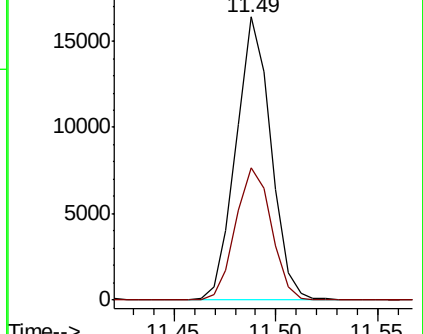
105 100

120 48.0 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: 1.841 ug/L

RT: 11.79 min Scan# 1755

Delta R.T. -0.01 min

Lab File: VX020529.D

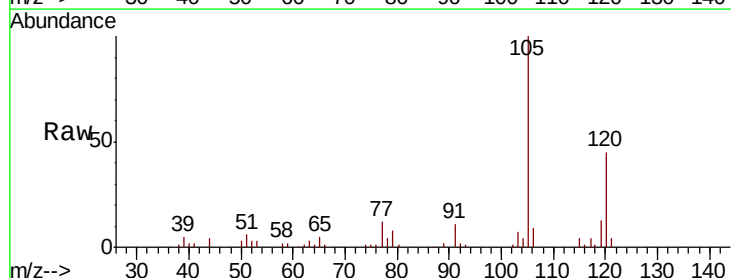
Acq: 07 Jan 2021 16:32

Tgt Ion:105 Resp: 18895

Ion Ratio Lower Upper

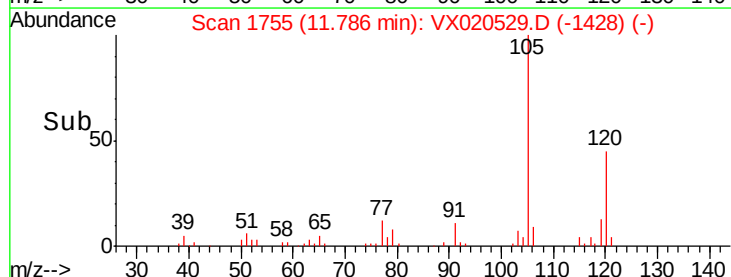
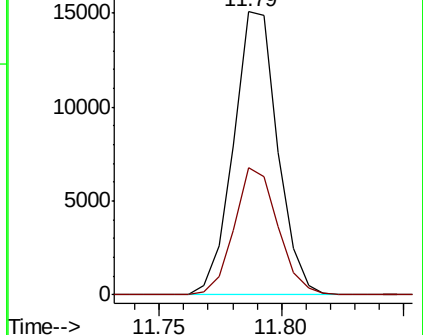
105 100

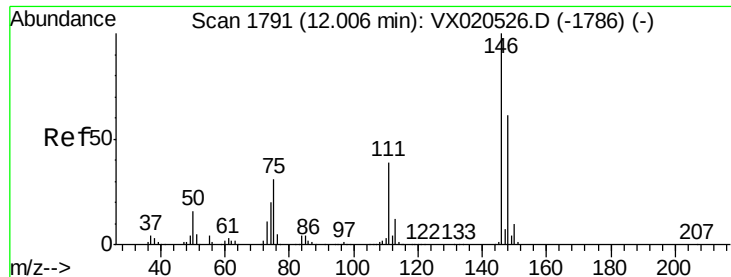
120 44.3 36.4 54.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#64

1,3-Dichlorobenzene

Concen: 2.231 ug/L

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX020529.D

Acq: 07 Jan 2021 16:32

Instrument :

MSVOA_X

ClientSampled :

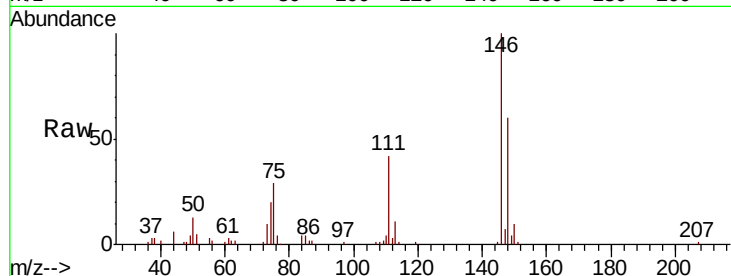
Tot Ion:146 Resp: 12977

Ion Ratio Lower Upper

146 100

111 42.1 28.9 53.7

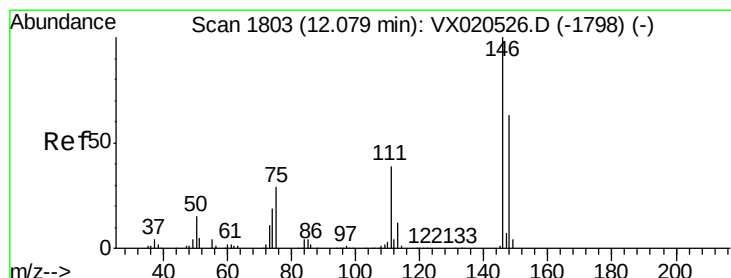
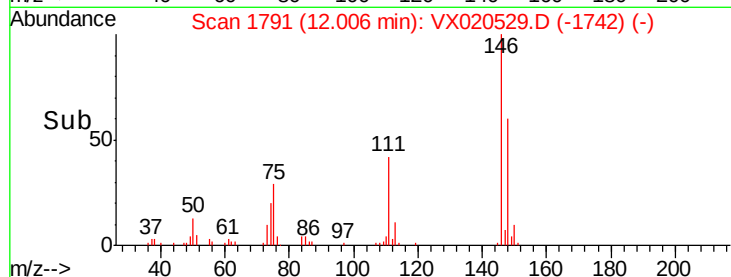
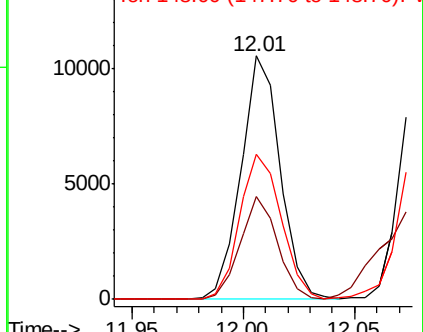
148 59.8 47.7 88.7



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



#65

1,4-Dichlorobenzene

Concen: 2.295 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX020529.D

Acq: 07 Jan 2021 16:32

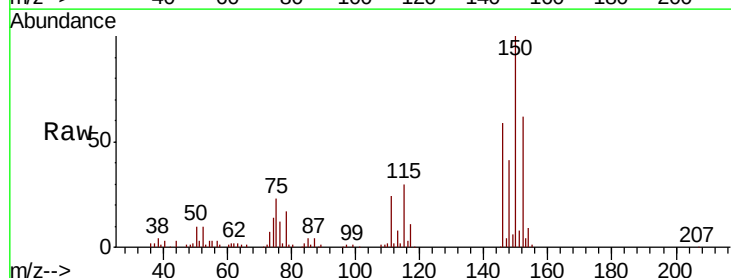
Tgt Ion:146 Resp: 13491

Ion Ratio Lower Upper

146 100

111 41.7 28.7 53.3

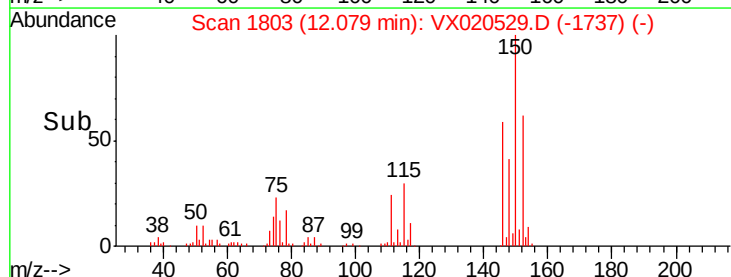
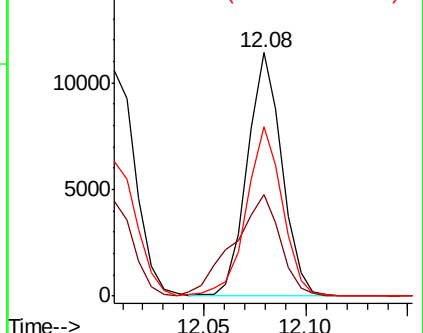
148 69.8 45.8 85.2

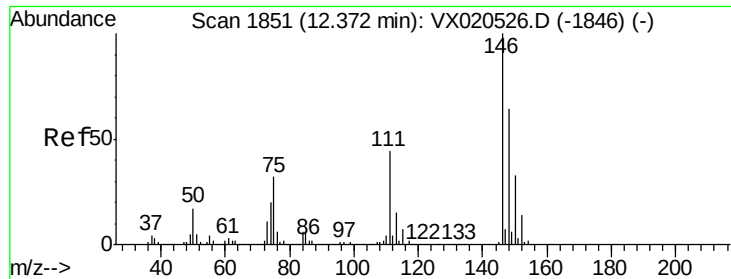


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

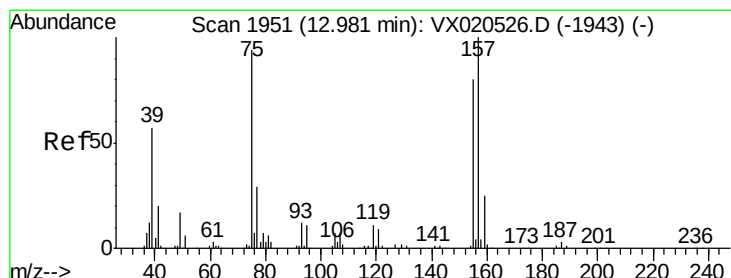
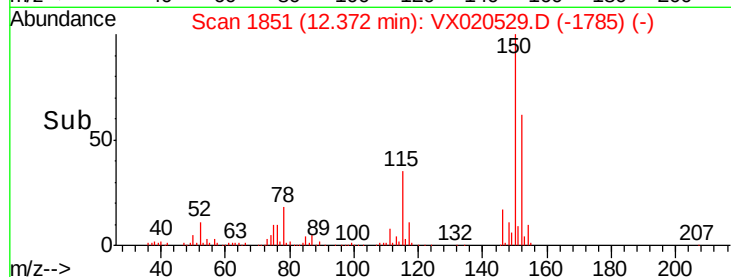
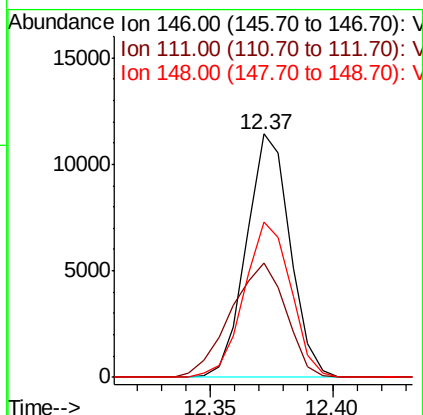
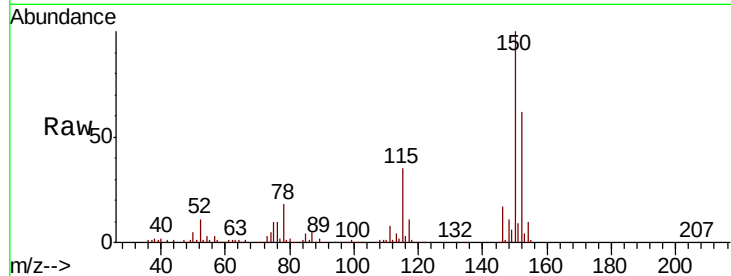




#67
 1,2-Dichlorobenzene
 Concen: 2.461 ug/L
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX020529.D
 Acq: 07 Jan 2021 16:32

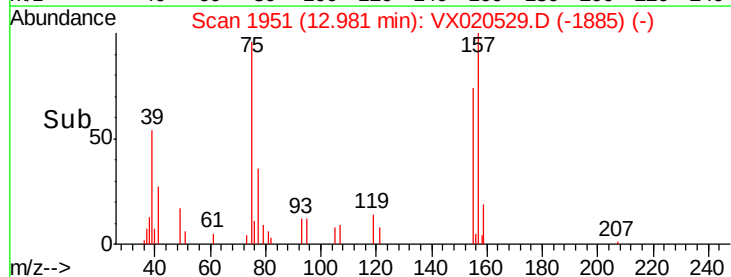
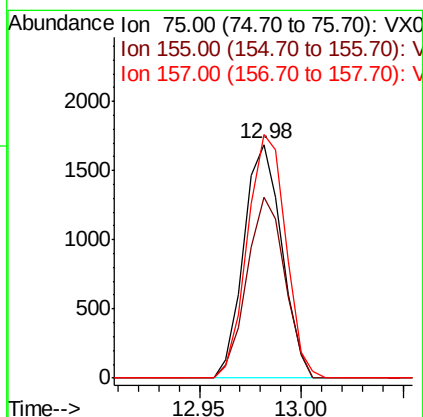
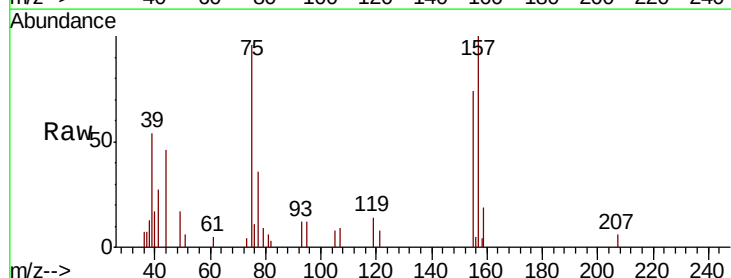
Instrument :
 MSVOA_X
 ClientSampleId :

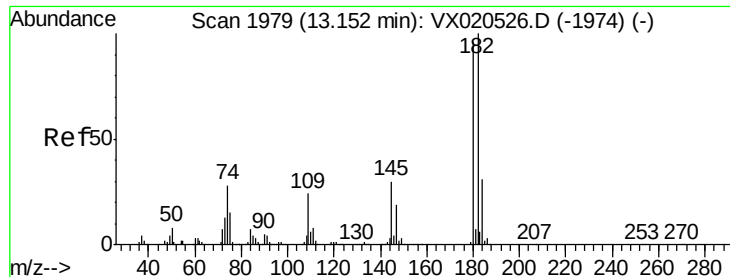
Tot Ion:146 Resp: 14273
 Ion Ratio Lower Upper
 146 100
 111 47.0 33.8 50.8
 148 63.7 51.4 77.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.244 ug/L
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX020529.D
 Acq: 07 Jan 2021 16:32

Tgt Ion: 75 Resp: 2190
 Ion Ratio Lower Upper
 75 100
 155 77.4 65.3 97.9
 157 104.2 80.5 120.7

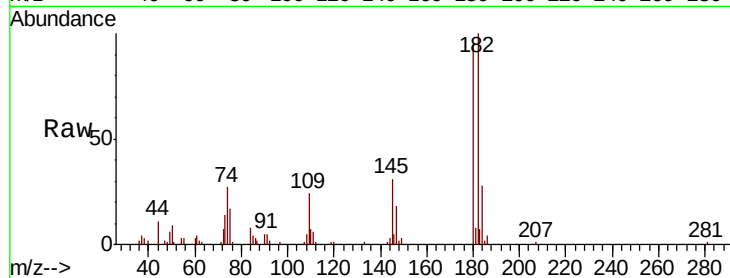




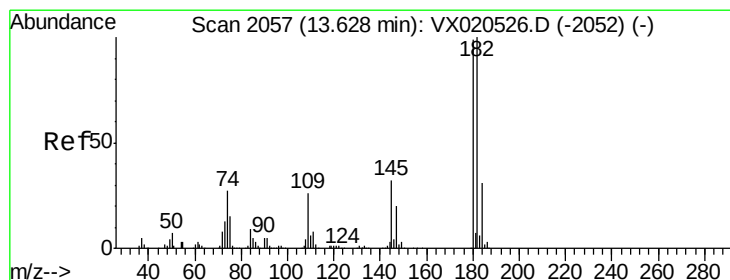
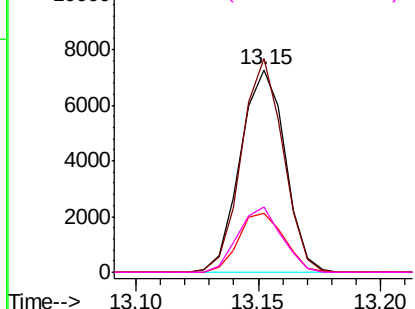
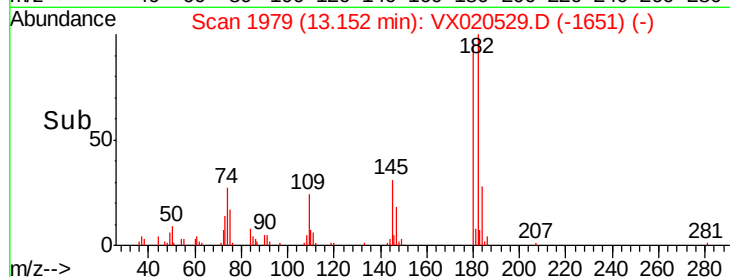
#69
 1,3,5-Trichlorobenzene
 Concen: 2.326 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: VX020529.D
 Acq: 07 Jan 2021 16:32

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 9290
 Ion Ratio Lower Upper
 180 100
 182 98.3 74.8 112.2
 184 29.8 24.1 36.1
 145 31.5 23.7 35.5

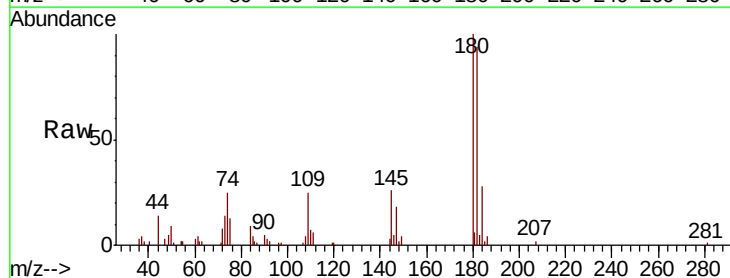


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

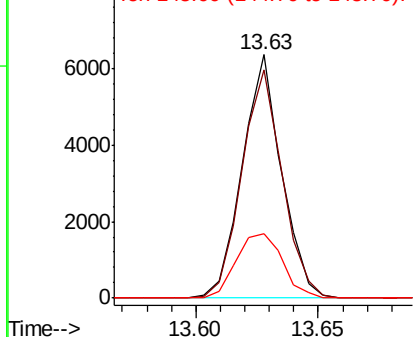
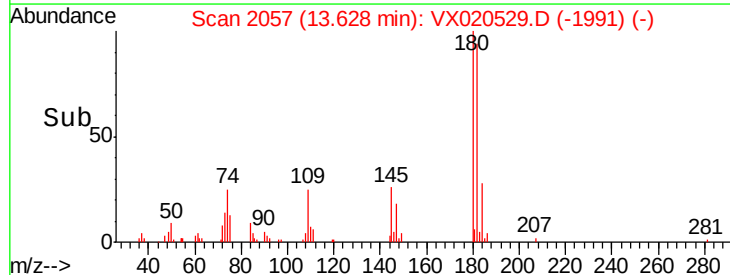


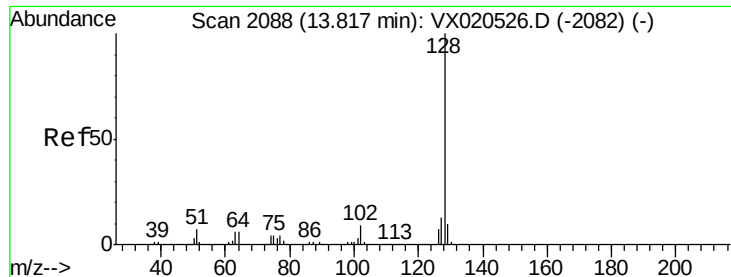
#70
 1,2,4-trichlorobenzene
 Concen: 2.070 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX020529.D
 Acq: 07 Jan 2021 16:32

Tgt Ion:180 Resp: 7117
 Ion Ratio Lower Upper
 180 100
 182 96.2 74.3 111.5
 145 30.7 24.1 36.1



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





#71

Naphthalene

Concen: 1.619 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX020529.D

Acq: 07 Jan 2021 16:32

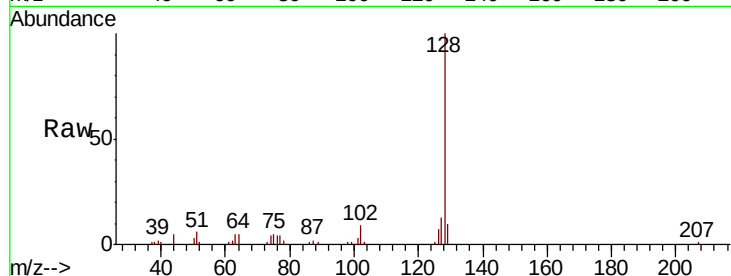
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 18386

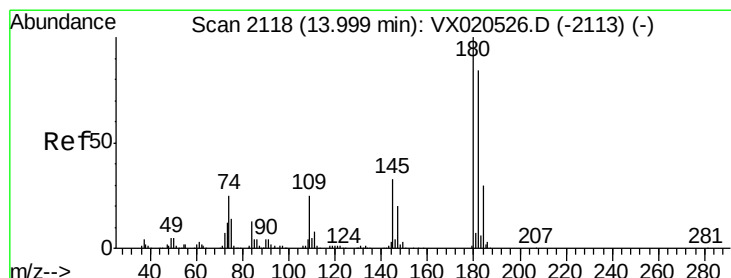
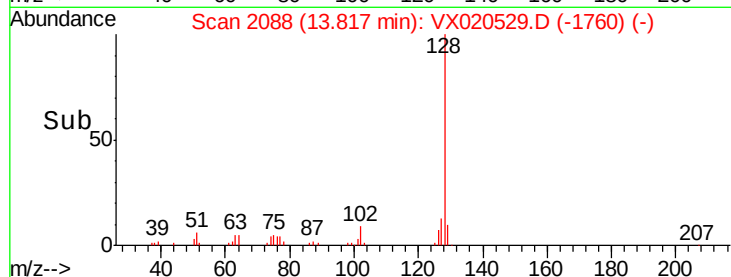
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	10.5	8.6	13.0



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: 2.018 ug/L

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX020529.D

Acq: 07 Jan 2021 16:32

Tgt Ion:180 Resp: 7138

Ion	Ratio	Lower	Upper
180	100		
182	96.1	74.6	112.0
145	30.5	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

