

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
 Data File : VX025229.D
 Acq On : 18 Nov 2021 23:05
 Operator : JC/MD
 Sample : M4677-08MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 19 05:31:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 19 05:25:45 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	172958	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	160005	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	81543	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	44837	38.372	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.740%
7) Chloroethane-d5	1.660	69	37655	56.544	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.080%
11) 1,1-Dichloroethene-d2	2.306	63	77822	38.724	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.440%
21) 2-Butanone-d5	4.459	46	77923	88.248	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.250%
24) Chloroform-d	5.062	84	89685	43.630	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.260%
26) 1,2-Dichloroethane-d4	5.958	65	53848	43.218	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.440%
32) Benzene-d6	5.977	84	178069	40.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.560%
36) 1,2-Dichloropropane-d6	7.312	67	54906	41.177	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.360%
41) Toluene-d8	8.653	98	164664	39.484	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.960%#
43) trans-1,3-Dichloroprop...	8.952	79	28172	38.920	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.840%
47) 2-Hexanone-d5	9.384	63	61292	85.599	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.600%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	82660	43.040	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.080%
66) 1,2-Dichlorobenzene-d4	12.323	152	69974	43.288	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.580%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	49967	36.965	ug/L	97
3) Chloromethane	1.294	50	50591	34.570	ug/L	90
5) Vinyl chloride	1.374	62	60305	39.961	ug/L	97
6) Bromomethane	1.599	94	36335	62.744	ug/L	99
8) Chloroethane	1.685	64	38896	51.326	ug/L	98
9) Trichlorofluoromethane	1.886	101	93237	42.327	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	47663	41.756	ug/L	95
12) 1,1-Dichloroethene	2.319	96	45015	40.820	ug/L #	83
13) Acetone	2.380	43	46577	56.232	ug/L	97
14) Carbon disulfide	2.508	76	114207	33.613	ug/L	99
15) Methyl Acetate	2.709	43	53049	39.338	ug/L #	81
16) Methylene chloride	2.788	84	51874	42.524	ug/L	86
17) trans-1,2-Dichloroethene	3.093	96	50730	42.359	ug/L	91
18) Methyl tert-butyl Ether	3.117	73	164166	43.855	ug/L #	90
19) 1,1-Dichloroethane	3.611	63	86061	42.481	ug/L	93
20) cis-1,2-Dichloroethene	4.489	96	140531	106.053	ug/L	98
22) 2-Butanone	4.562	43	81631	74.036	ug/L	86
23) Bromochloromethane	4.904	128	30532	44.754	ug/L #	74
25) Chloroform	5.099	83	94383	45.455	ug/L	95

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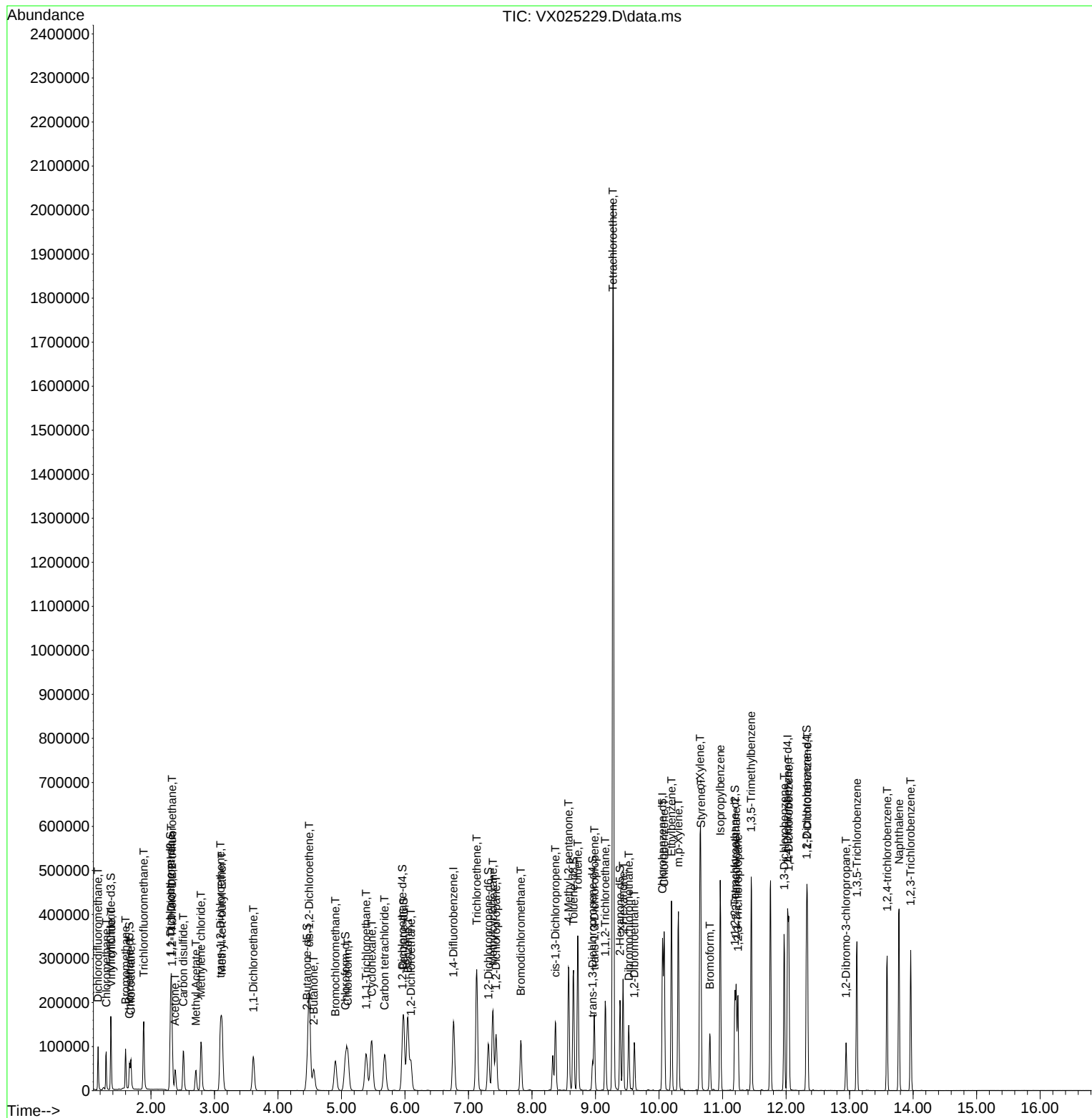
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	69106	45.392	ug/L #	89
29) Cyclohexane	5.477	56	79084	38.687	ug/L	88
30) 1,1,1-Trichloroethane	5.385	97	84133	42.790	ug/L #	94
31) Carbon tetrachloride	5.678	117	75589	43.538	ug/L	99
33) Benzene	6.044	78	206178	41.941	ug/L	100
34) Trichloroethene	7.129	95	102368	79.688	ug/L	81
35) Methylcyclohexane	7.385	83	88113	40.562	ug/L	94
37) 1,2-Dichloropropane	7.434	63	51053	41.457	ug/L	100
38) Bromodichloromethane	7.824	83	71786	43.076	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	81184	40.149	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	167368	85.516	ug/L #	84
42) Toluene	8.720	91	227133	42.538	ug/L	96
44) trans-1,3-Dichloropropene	8.982	75	79243	40.268	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	55284	44.458	ug/L	98
46) Tetrachloroethene	9.275	164	394772	368.332	ug/L	90
48) 2-Hexanone	9.433	43	127131	79.247	ug/L #	85
49) Dibromochloromethane	9.525	129	62952	44.348	ug/L	100
50) 1,2-Dibromoethane	9.610	107	58692	44.102	ug/L #	96
51) Chlorobenzene	10.079	112	160945	46.912	ug/L	97
52) Ethylbenzene	10.195	91	245945	42.851	ug/L	93
53) m,p-Xylene	10.305	106	99663	42.949	ug/L	80
54) o-Xylene	10.646	106	99788	43.579	ug/L	79
55) Styrene	10.659	104	166692	42.871	ug/L	81
57) 1,1,2,2-Tetrachloroethane	11.213	83	85974	43.547	ug/L	97
59) Bromoform	10.799	173	48342	43.867	ug/L #	95
60) Isopropylbenzene	10.963	105	253773	43.523	ug/L	94
61) 1,2,3-Trichloropropane	11.244	75	68719	44.755	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	213020	43.060	ug/L	87
64) 1,3-Dichlorobenzene	11.969	146	119641	45.012	ug/L	94
65) 1,4-Dichlorobenzene	12.043	146	118487	44.618	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	119270	45.179	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.945	75	18954	42.681	ug/L #	62
69) 1,3,5-Trichlorobenzene	13.116	180	86560	45.014	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	75782	45.179	ug/L	97
71) Naphthalene	13.780	128	263310	46.292	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	76395	45.941	ug/L	95

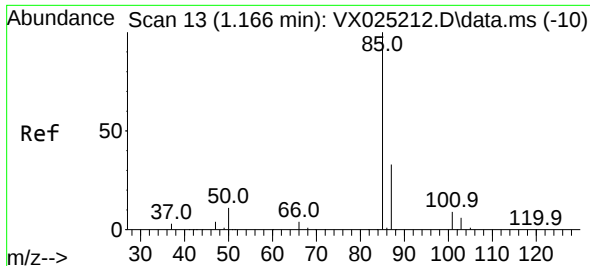
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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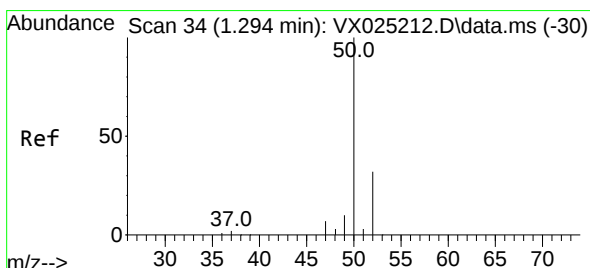
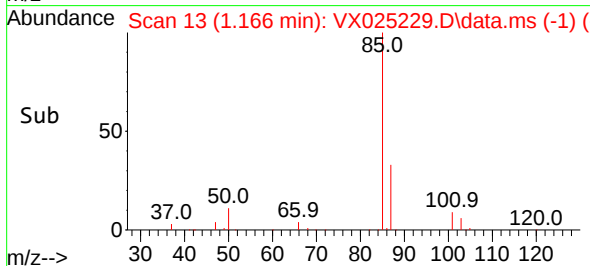
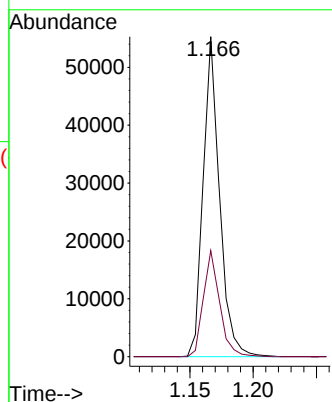
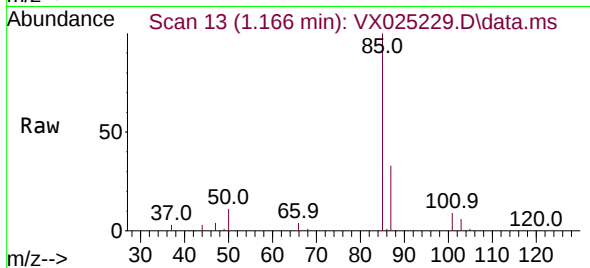




#2
Dichlorodifluoromethane
Concen: 36.965 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

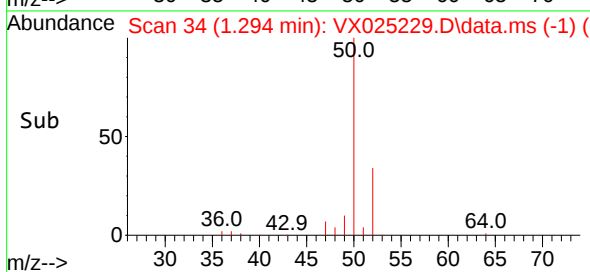
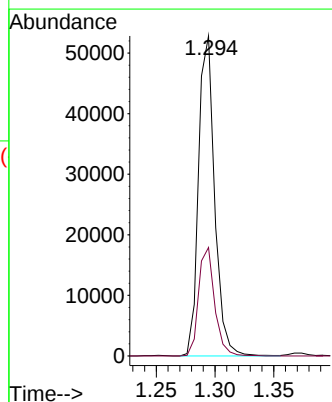
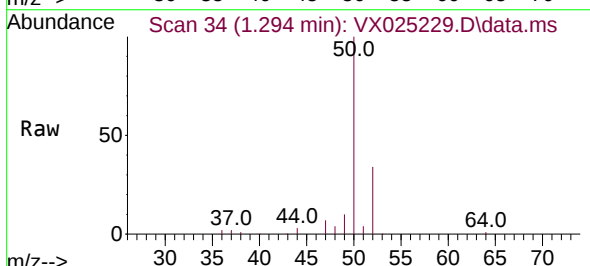
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MSVOA_X
ClientSampleId :

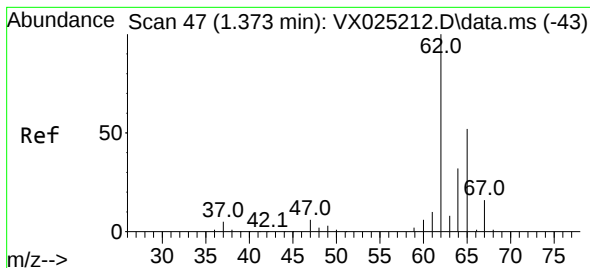
Tgt Ion: 85 Resp: 49967
Ion Ratio Lower Upper
85 100
87 33.0 25.3 37.9



#3
Chloromethane
Concen: 34.570 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Tgt Ion: 50 Resp: 50591
Ion Ratio Lower Upper
50 100
52 33.9 28.0 52.0





#5

Vinyl chloride

Concen: 39.961 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

Instrument :

MSVOA_X

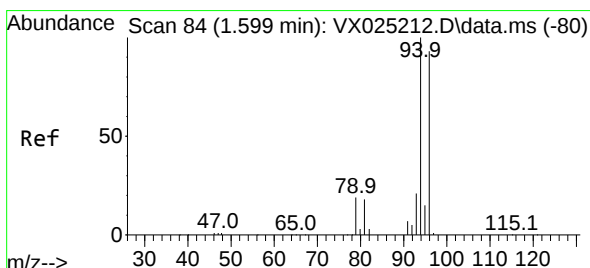
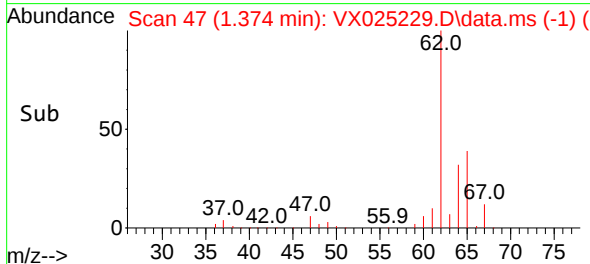
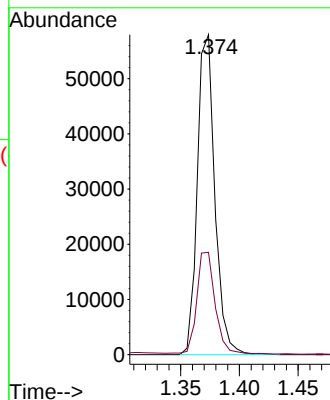
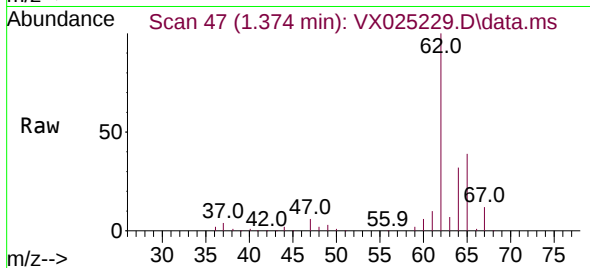
ClientSampleId :

Tgt Ion: 62 Resp: 60305

Ion Ratio Lower Upper

62 100

64 32.0 23.6 43.8



#6

Bromomethane

Concen: 62.744 ug/L

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX025229.D

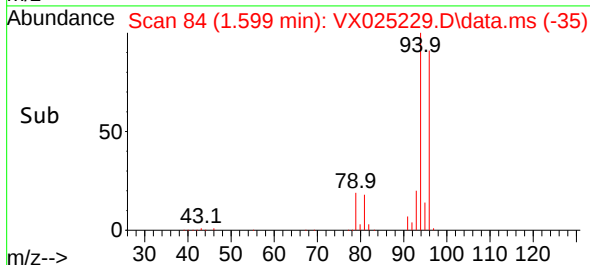
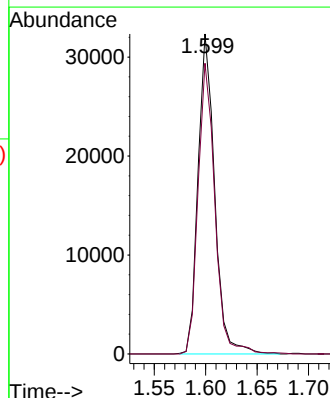
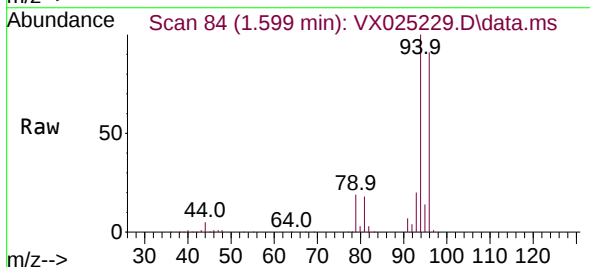
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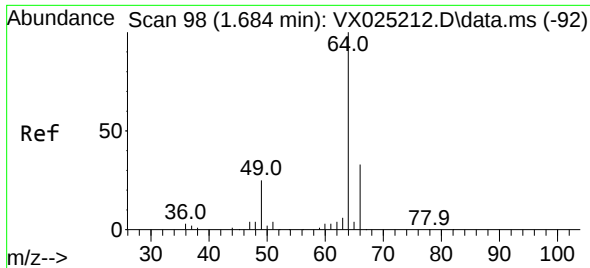
Tgt Ion: 94 Resp: 36335

Ion Ratio Lower Upper

94 100

96 90.8 62.9 116.9

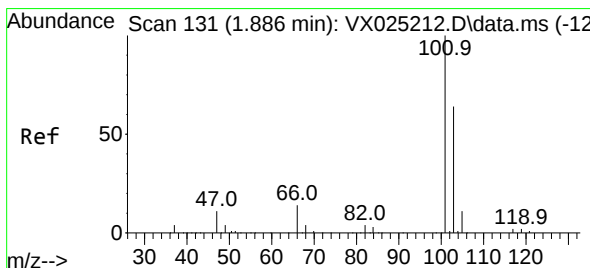
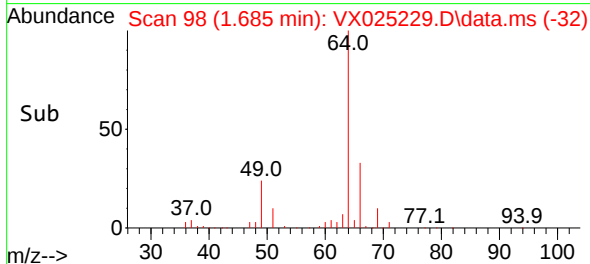
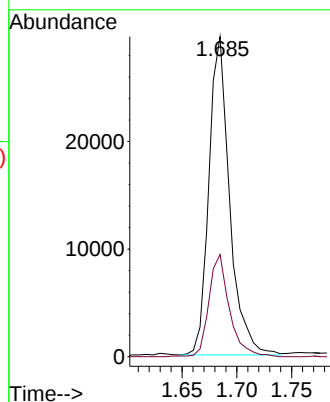
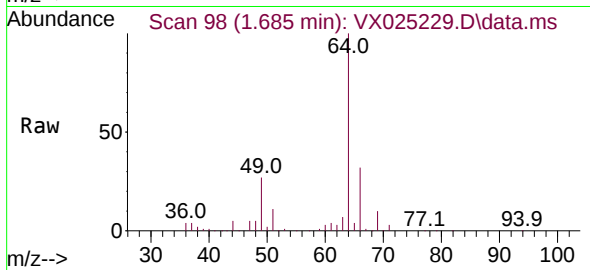




#8
Chloroethane
Concen: 51.326 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

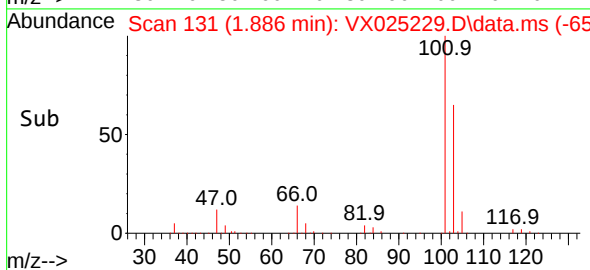
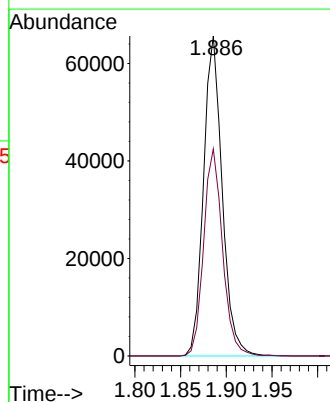
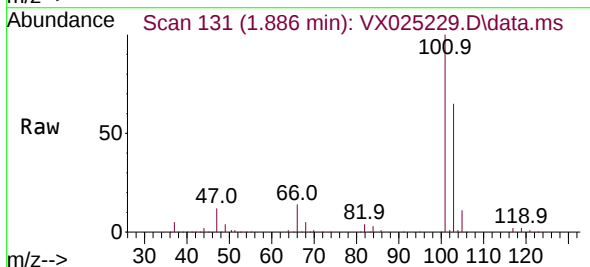
Instrument :
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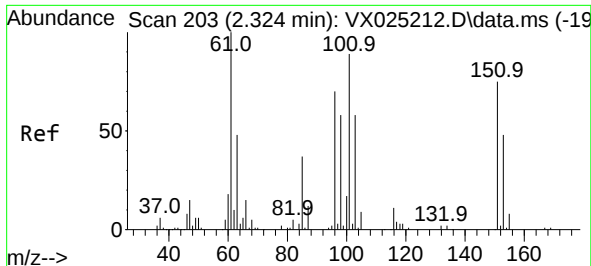
Tgt Ion: 64 Resp: 38896
Ion Ratio Lower Upper
64 100
66 32.0 23.3 43.3



#9
Trichlorofluoromethane
Concen: 42.327 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Tgt Ion: 101 Resp: 93237
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.0

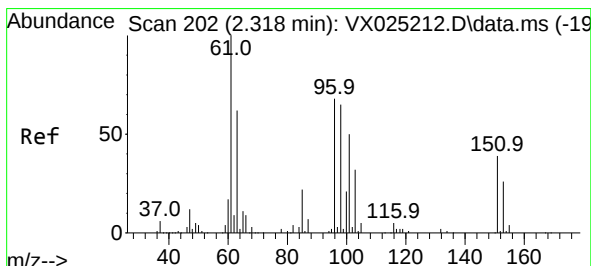
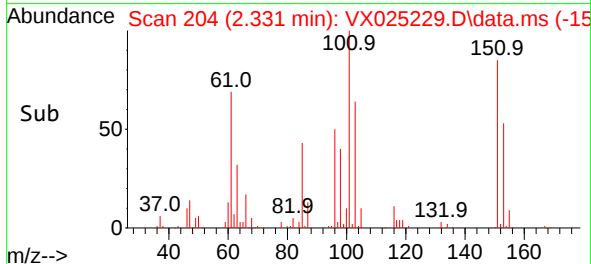
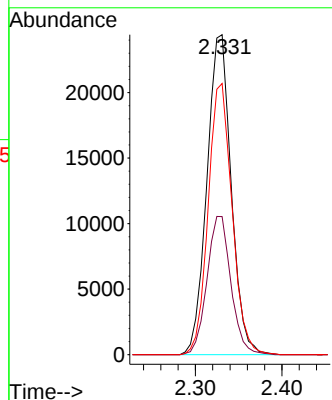
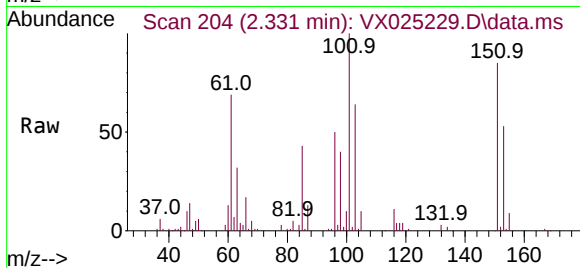




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 41.756 ug/L
 RT: 2.331 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX025229.D
 Acq: 18 Nov 2021 23:05

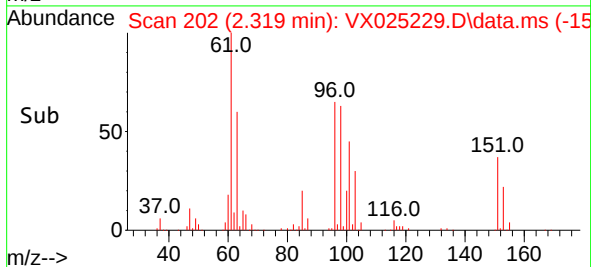
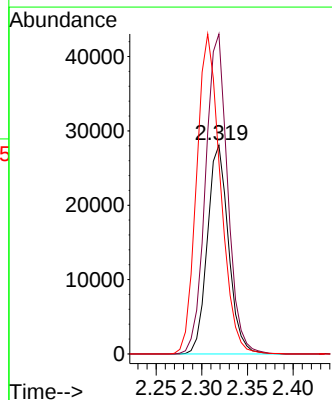
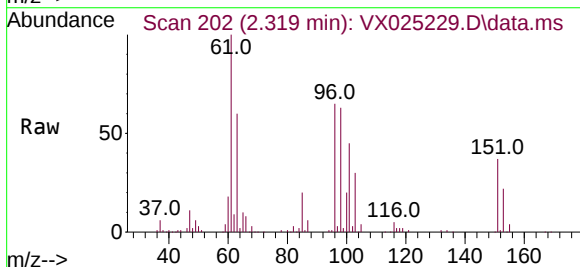
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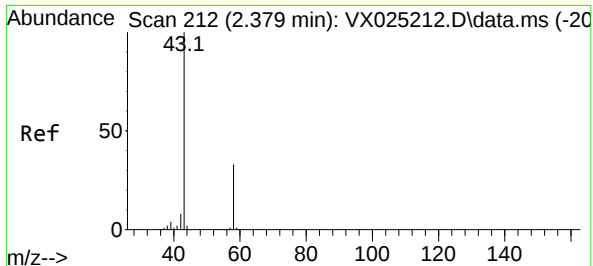
Tgt Ion:101 Resp: 47663
 Ion Ratio Lower Upper
 101 100
 85 42.5 35.3 52.9
 151 83.4 62.3 93.5



#12
 1,1-Dichloroethene
 Concen: 40.820 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX025229.D
 Acq: 18 Nov 2021 23:05

Tgt Ion: 96 Resp: 45015
 Ion Ratio Lower Upper
 96 100
 61 153.3 109.9 204.1
 63 91.9 92.4 171.6#





#13

Acetone

Concen: 56.232 ug/L

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

Instrument :

MSVOA_X

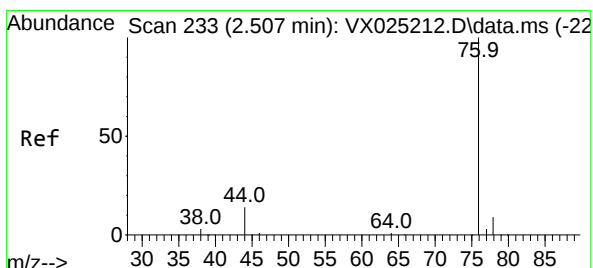
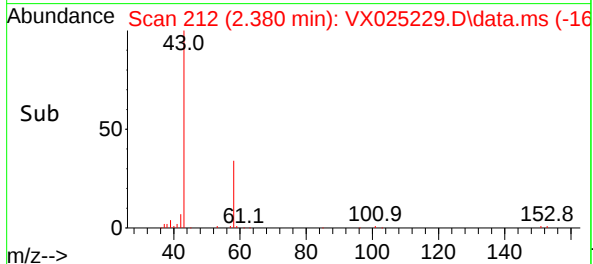
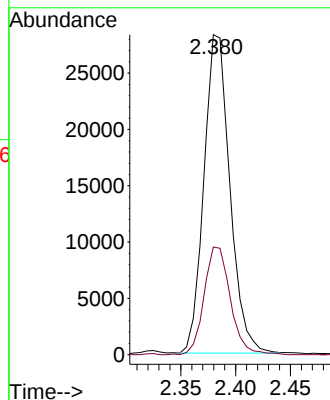
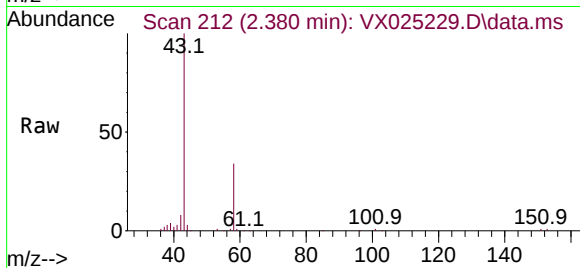
ClientSampleId :

Tgt Ion: 43 Resp: 46577

Ion Ratio Lower Upper

43 100

58 34.1 0.0 64.8



#14

Carbon disulfide

Concen: 33.613 ug/L

RT: 2.508 min Scan# 233

Delta R.T. 0.000 min

Lab File: VX025229.D

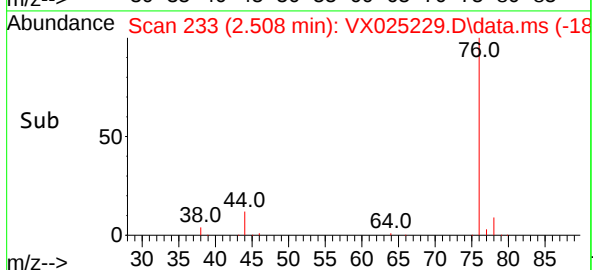
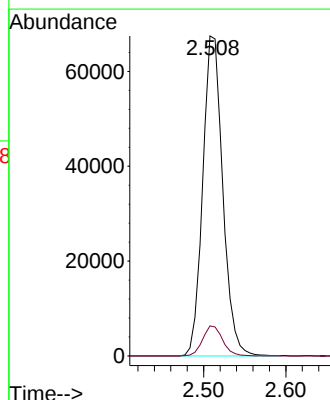
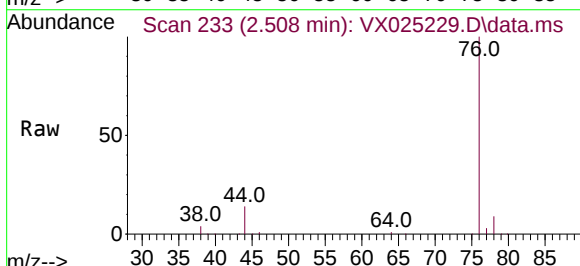
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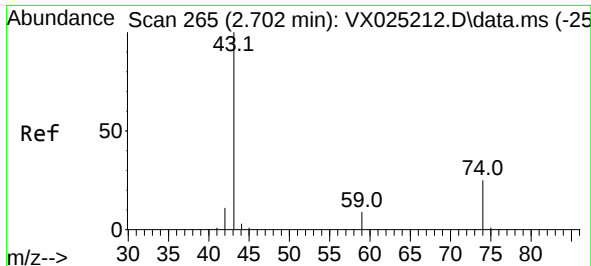
Tgt Ion: 76 Resp: 114207

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8

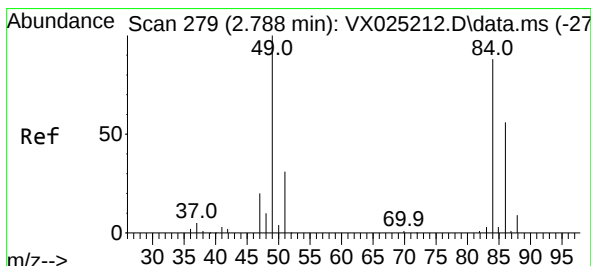
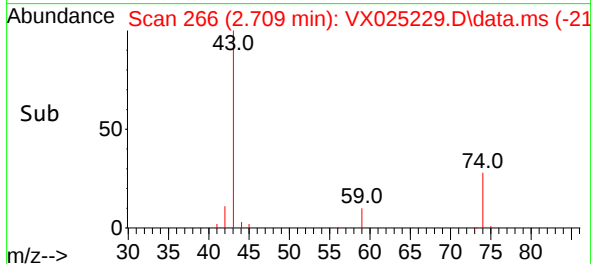
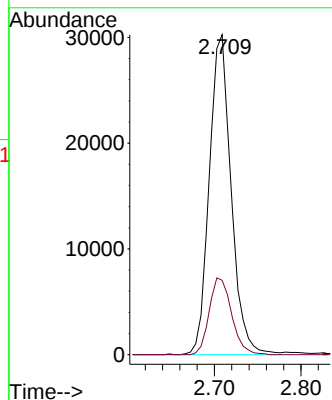
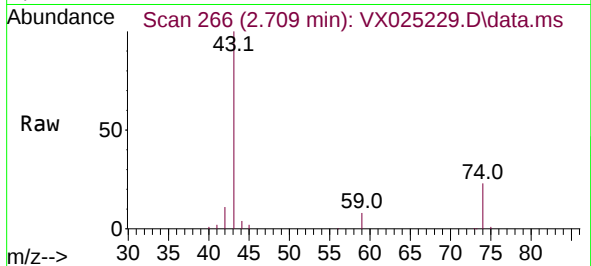




#15
Methyl Acetate
Concen: 39.338 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

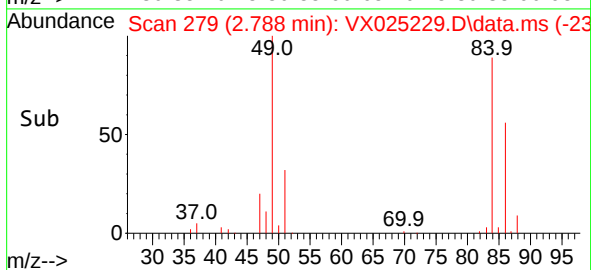
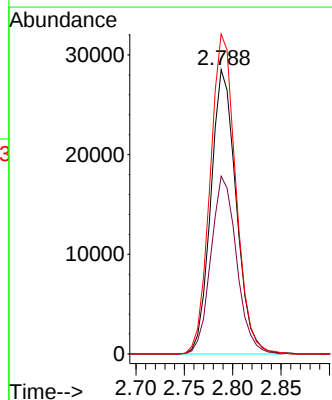
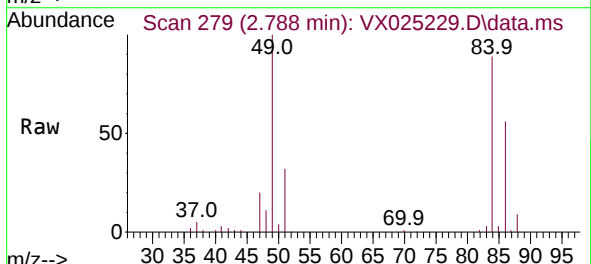
Instrument :
MSVOA_X
ClientSampleId :

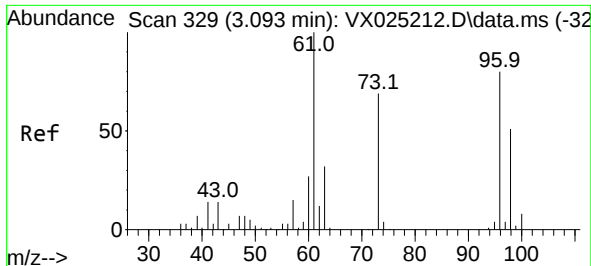
Tgt Ion: 43 Resp: 53049
Ion Ratio Lower Upper
43 100
74 24.6 28.6 42.8#



#16
Methylene chloride
Concen: 42.524 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Tgt Ion: 84 Resp: 51874
Ion Ratio Lower Upper
84 100
86 62.5 44.4 82.5
49 112.6 64.0 118.8

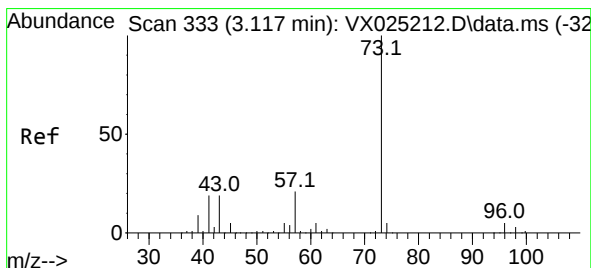
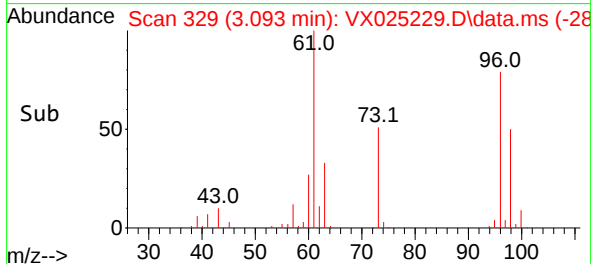
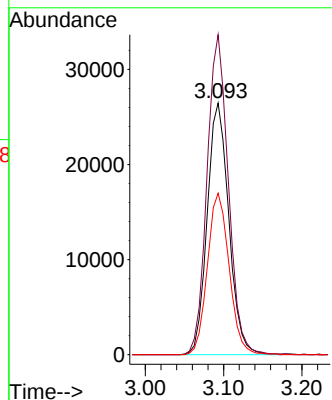
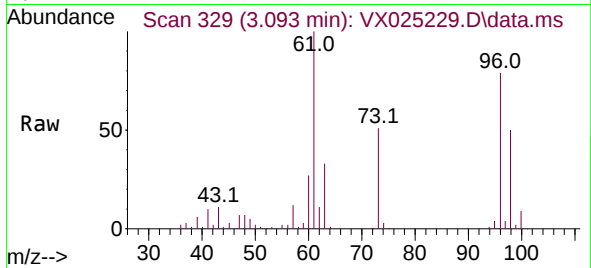




#17
trans-1,2-Dichloroethene
Concen: 42.359 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

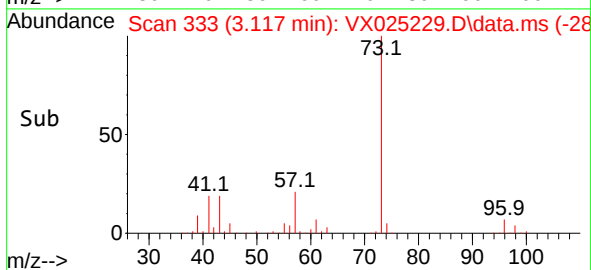
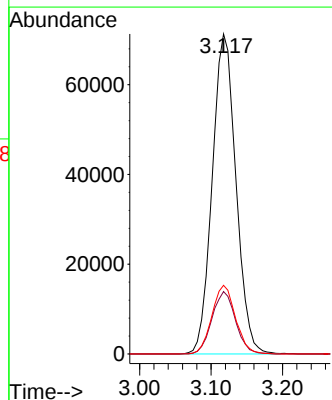
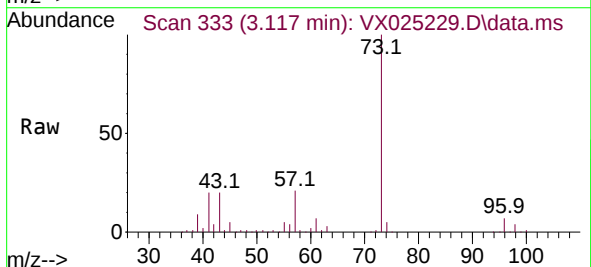
Instrument :
MSVOA_X
ClientSampleId :

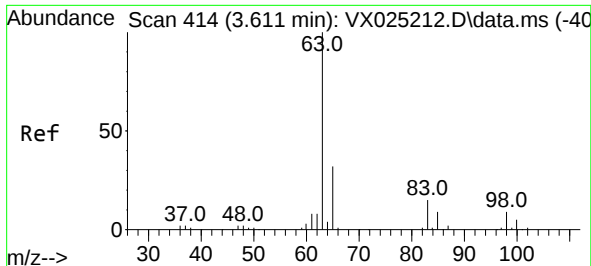
Tgt Ion: 96 Resp: 50730
Ion Ratio Lower Upper
96 100
61 127.1 99.4 184.6
98 64.1 47.0 87.2



#18
Methyl tert-butyl Ether
Concen: 43.855 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Tgt Ion: 73 Resp: 164166
Ion Ratio Lower Upper
73 100
43 19.5 12.4 18.6#
57 21.3 13.2 19.8#





#19

1,1-Dichloroethane

Concen: 42.481 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX025229.D

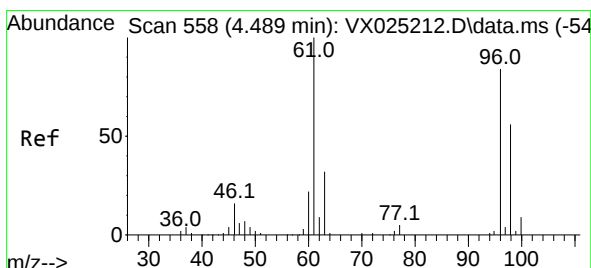
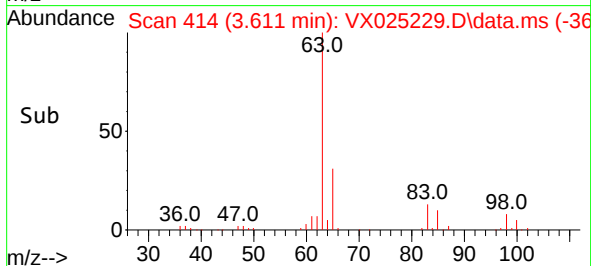
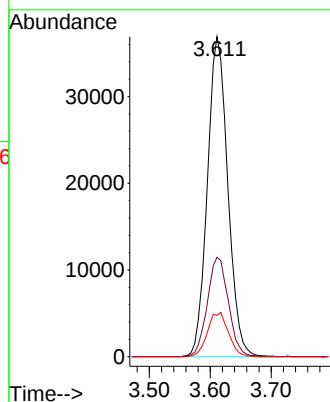
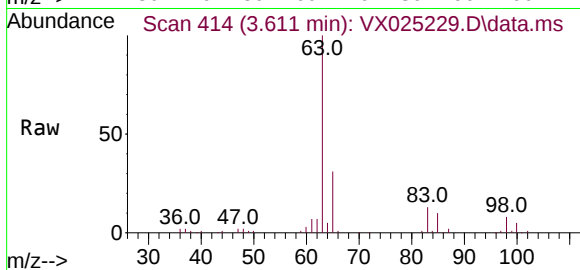
Acq: 18 Nov 2021 23:05

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	63	Resp:	86061
Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.5	45.5
83	12.9	11.7	21.7



#20

cis-1,2-Dichloroethene

Concen: 106.053 ug/L

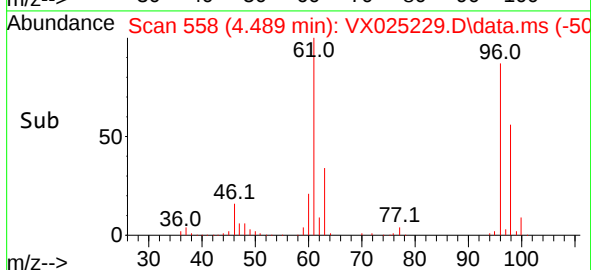
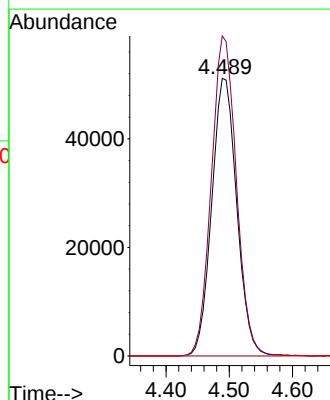
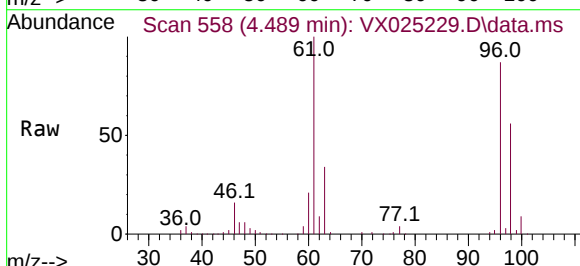
RT: 4.489 min Scan# 558

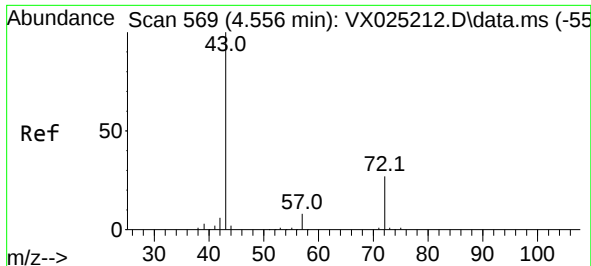
Delta R.T. 0.000 min

Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

Tgt Ion:	96	Resp:	140531
Ion	Ratio	Lower	Upper
96	100		
61	115.3	82.6	153.4
68	0.0	0.0	0.0

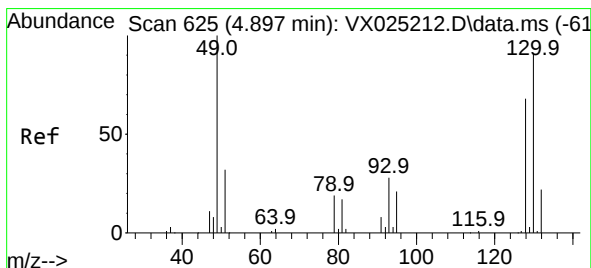
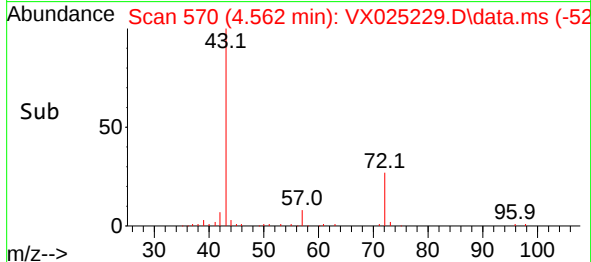
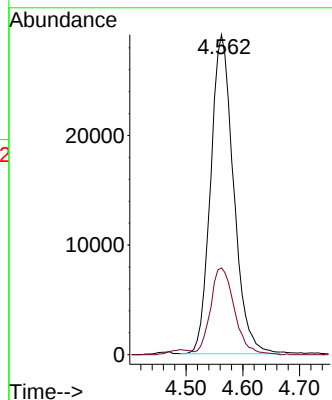
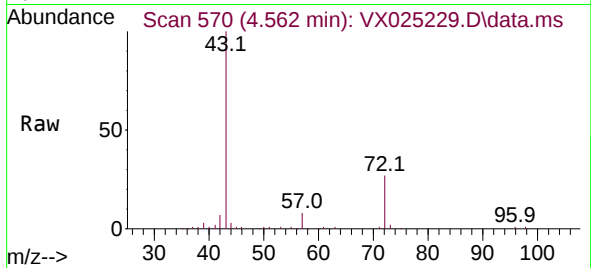




#22
2-Butanone
Concen: 74.036 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

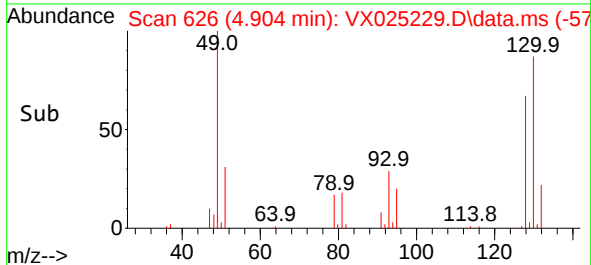
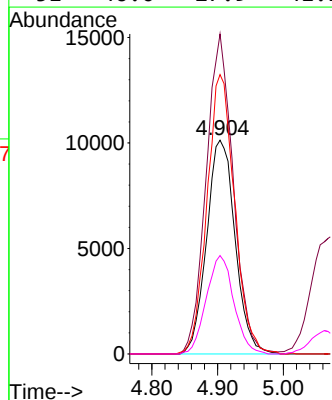
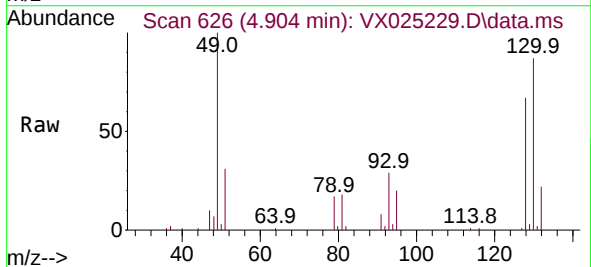
Instrument :
MSVOA_X
ClientSampleId :

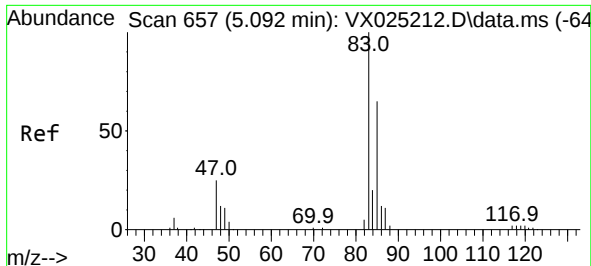
Tgt Ion: 43 Resp: 81631
Ion Ratio Lower Upper
43 100
72 28.4 18.4 55.0



#23
Bromochloromethane
Concen: 44.754 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Tgt Ion: 128 Resp: 30532
Ion Ratio Lower Upper
128 100
49 149.6 71.5 132.7#
130 130.6 84.3 156.5
51 46.0 27.9 41.9#

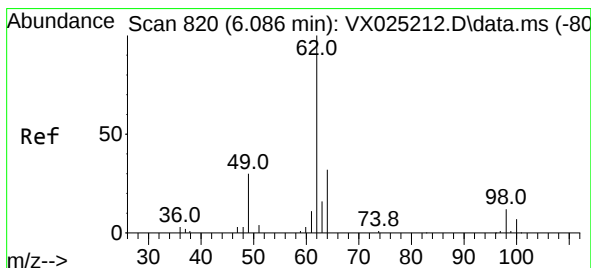
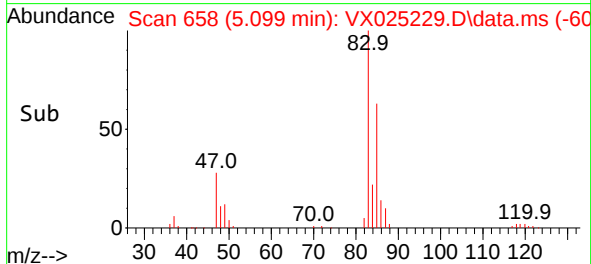
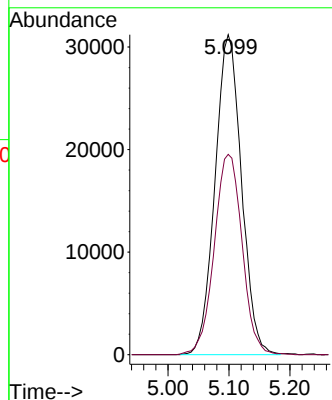
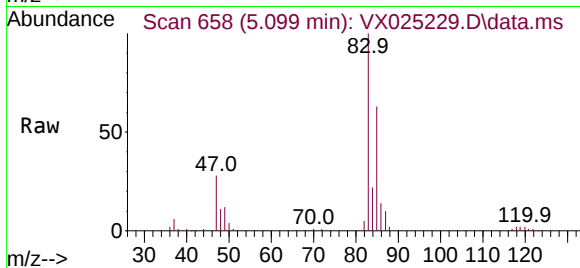




#25
Chloroform
Concen: 45.455 ug/L
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

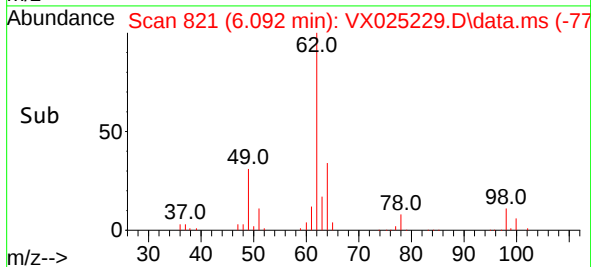
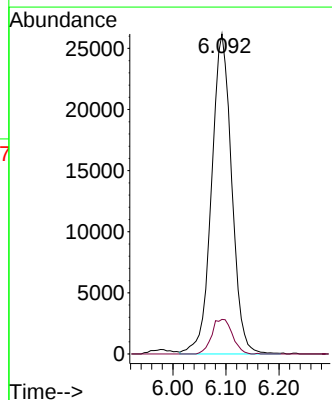
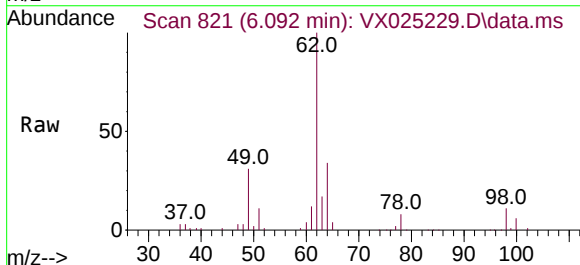
Instrument :
MSVOA_X
ClientSampleId :

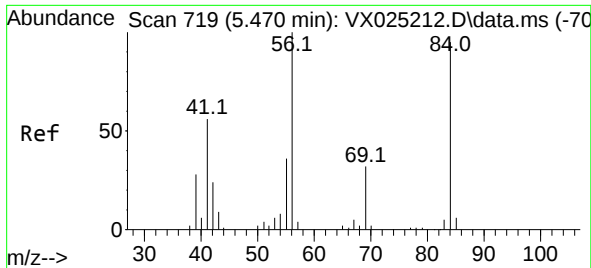
Tgt Ion: 83 Resp: 94383
Ion Ratio Lower Upper
83 100
85 62.6 46.3 86.1



#27
1,2-Dichloroethane
Concen: 45.392 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Tgt Ion: 62 Resp: 69106
Ion Ratio Lower Upper
62 100
98 10.8 5.5 8.3#

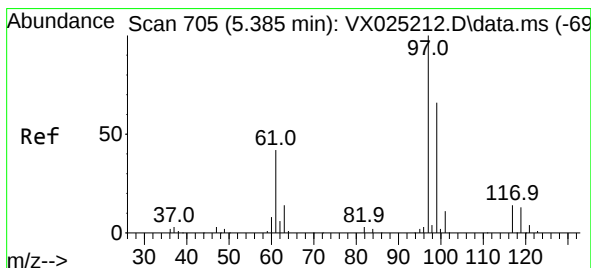
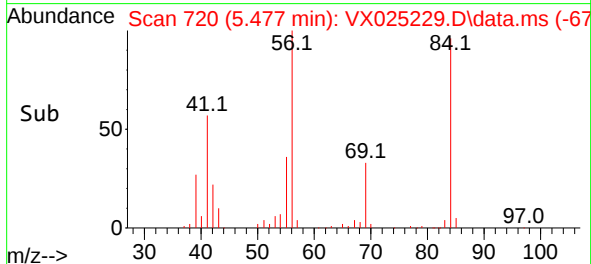
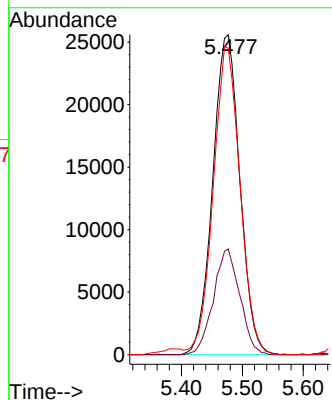
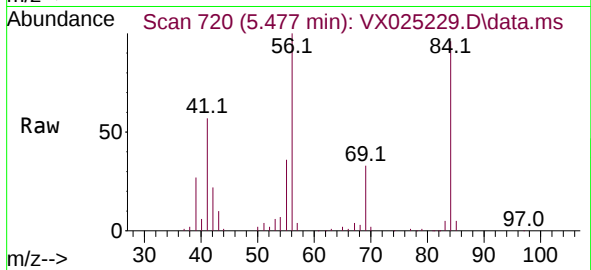




#29
Cyclohexane
Concen: 38.687 ug/L
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

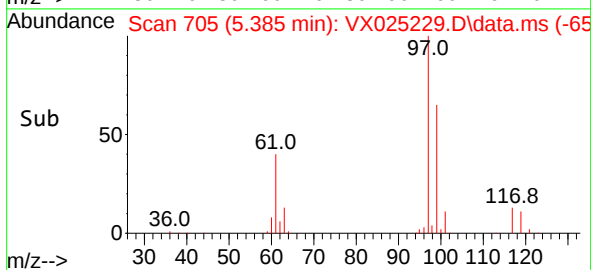
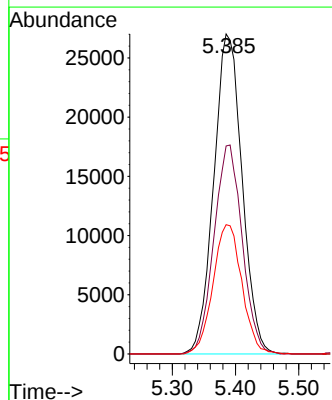
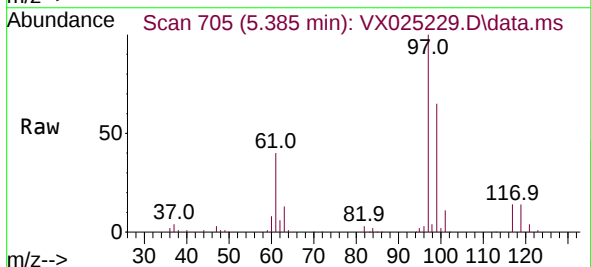
Instrument :
MSVOA_X
ClientSampleId :

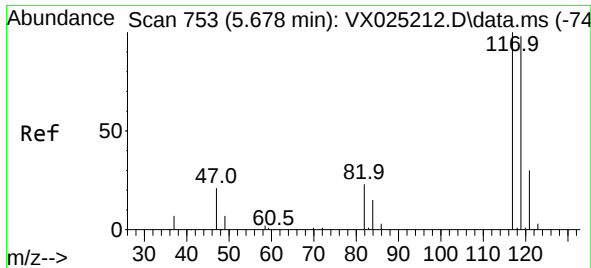
Tgt Ion: 56 Resp: 79084
Ion Ratio Lower Upper
56 100
69 32.2 30.8 46.2
84 95.4 86.8 130.2



#30
1,1,1-Trichloroethane
Concen: 42.790 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Tgt Ion: 97 Resp: 84133
Ion Ratio Lower Upper
97 100
99 65.0 53.1 79.7
61 41.1 26.3 39.5#

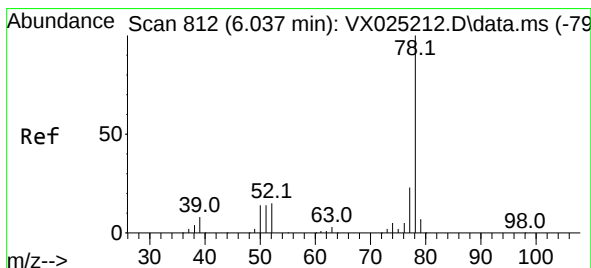
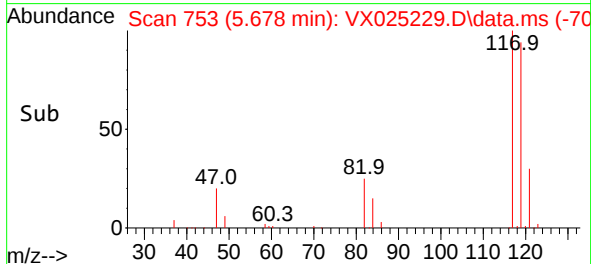
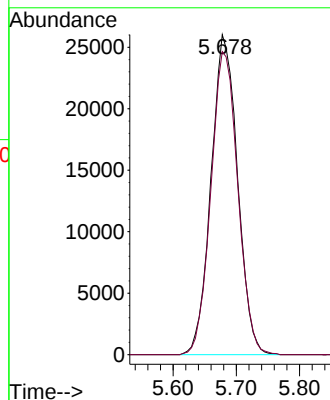
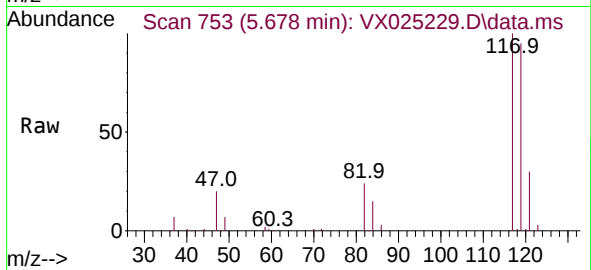




#31
Carbon tetrachloride
Concen: 43.538 ug/L
RT: 5.678 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

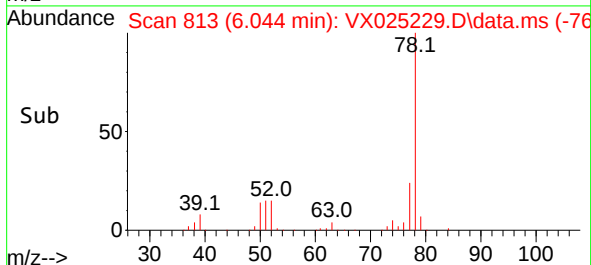
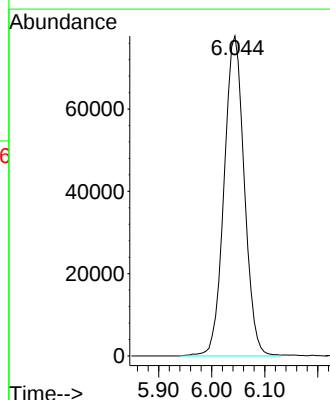
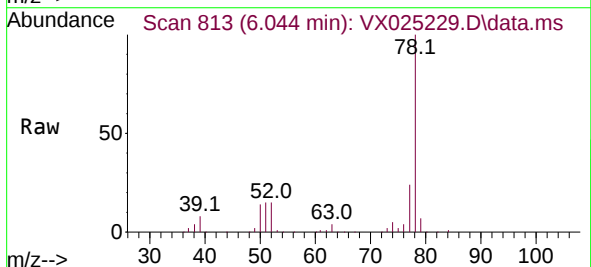
Instrument :
MSVOA_X
ClientSampleId :

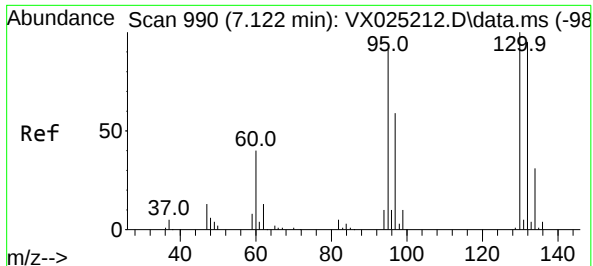
Tgt Ion:117 Resp: 75589
Ion Ratio Lower Upper
117 100
119 96.3 76.0 114.0



#33
Benzene
Concen: 41.941 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Tgt Ion: 78 Resp: 206178

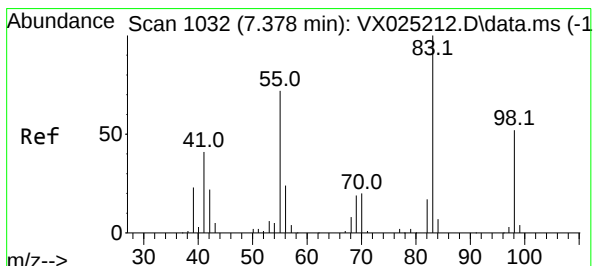
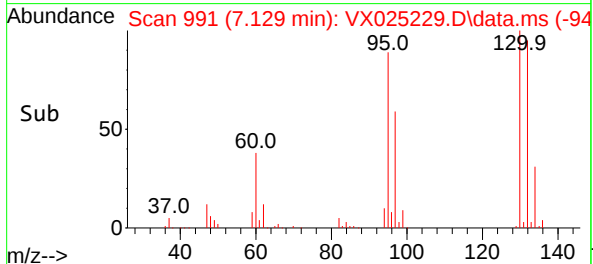
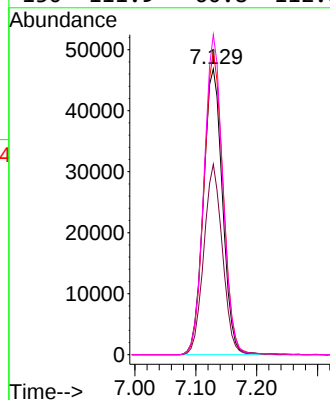
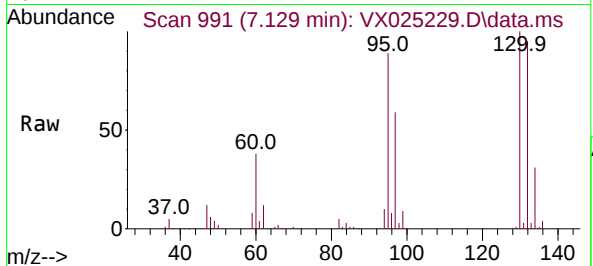




#34
Trichloroethene
Concen: 79.688 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

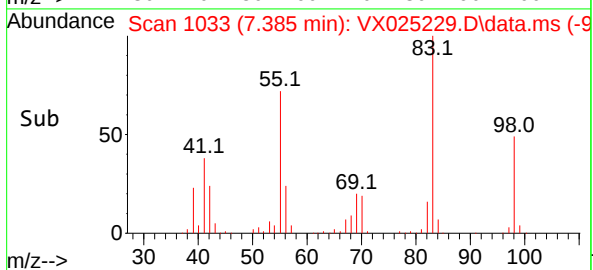
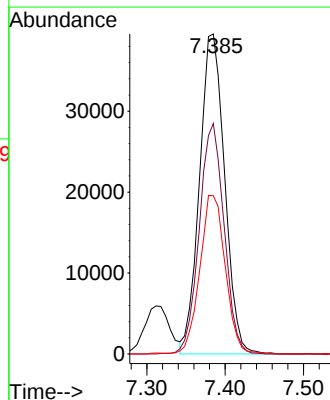
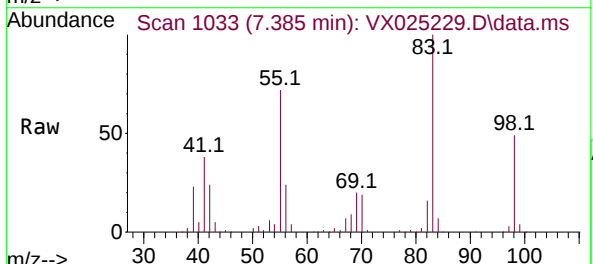
Instrument :
MSVOA_X
ClientSampleId :

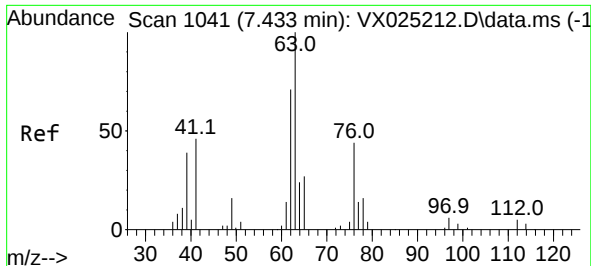
Tgt Ion: 95 Resp: 102368
Ion Ratio Lower Upper
95 100
97 66.6 44.2 82.2
132 106.2 60.1 111.5
130 111.9 60.8 112.8



#35
Methylcyclohexane
Concen: 40.562 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Tgt Ion: 83 Resp: 88113
Ion Ratio Lower Upper
83 100
55 71.0 52.6 79.0
98 50.3 37.9 56.9





#37

1,2-Dichloropropane

Concen: 41.457 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

Instrument :

MSVOA_X

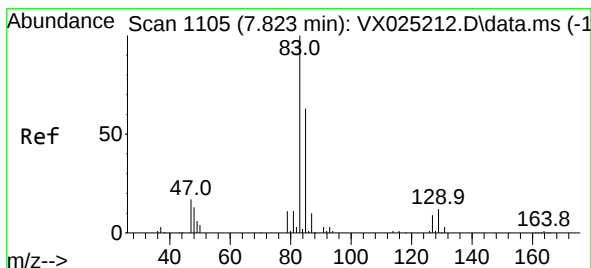
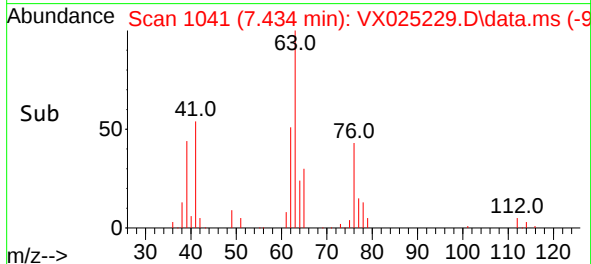
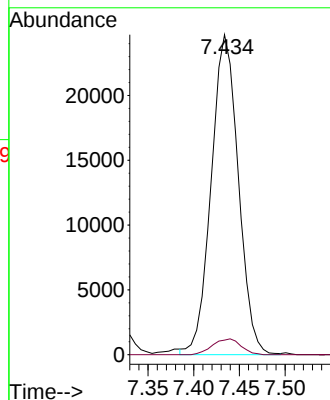
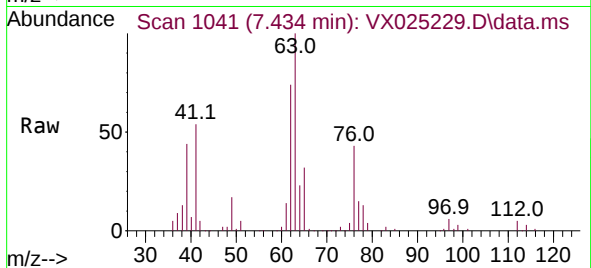
ClientSampleId :

Tgt Ion: 63 Resp: 51053

Ion Ratio Lower Upper

63 100

112 5.2 4.0 6.0



#38

Bromodichloromethane

Concen: 43.076 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

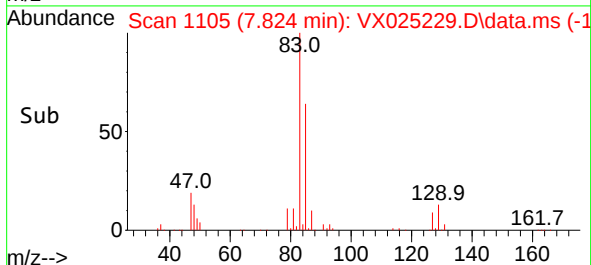
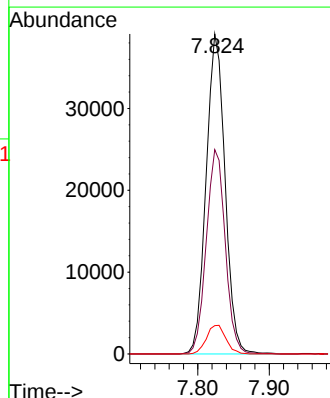
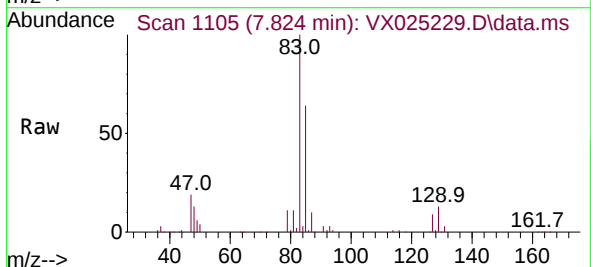
Tgt Ion: 83 Resp: 71786

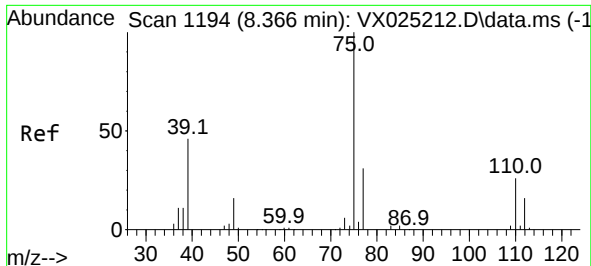
Ion Ratio Lower Upper

83 100

85 63.9 46.8 87.0

127 8.8 8.2 12.2





#39

cis-1,3-Dichloropropene

Concen: 40.149 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

Instrument :

MSVOA_X

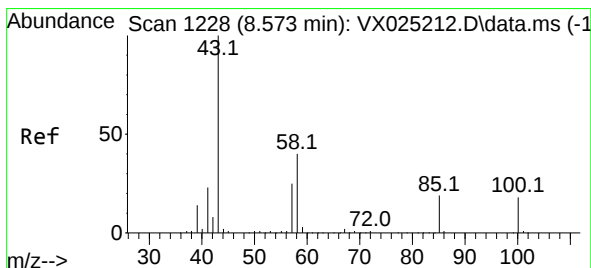
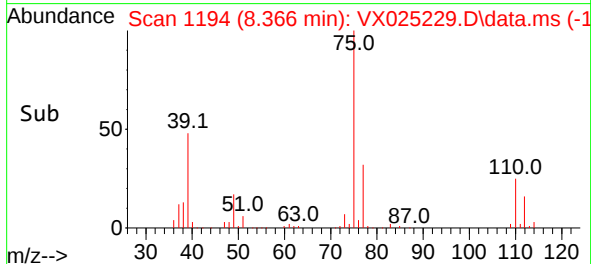
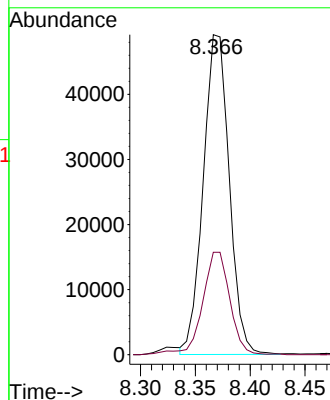
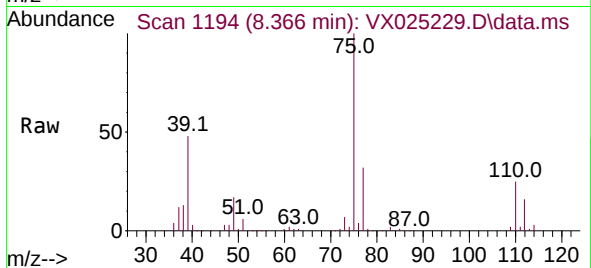
ClientSampleId :

Tgt Ion: 75 Resp: 81184

Ion Ratio Lower Upper

75 100

77 32.0 23.1 42.9



#40

4-Methyl-2-pentanone

Concen: 85.516 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

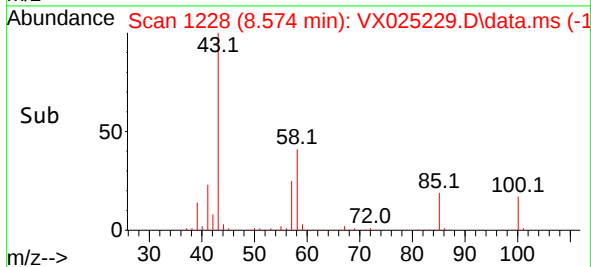
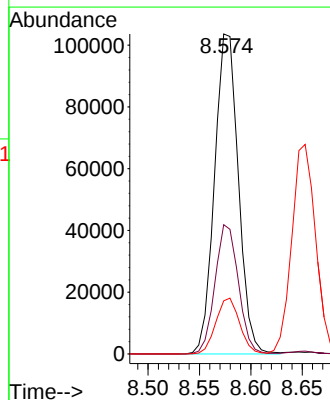
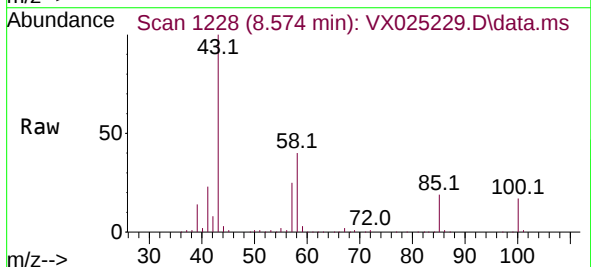
Tgt Ion: 43 Resp: 167368

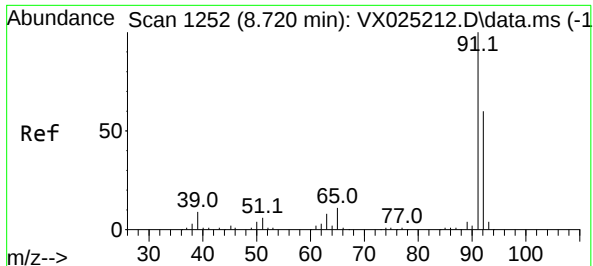
Ion Ratio Lower Upper

43 100

58 39.6 41.3 61.9#

100 17.4 19.6 29.4#





#42

Toluene

Concen: 42.538 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

Instrument :

MSVOA_X

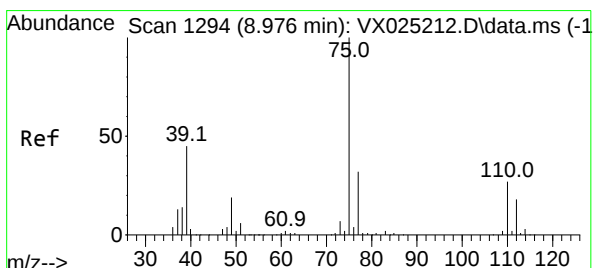
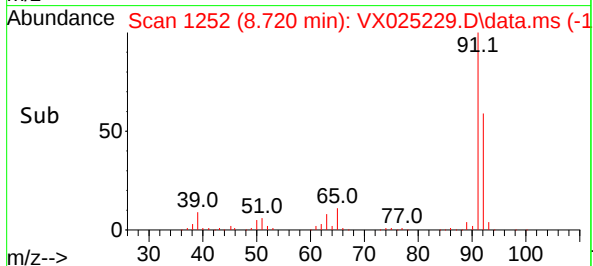
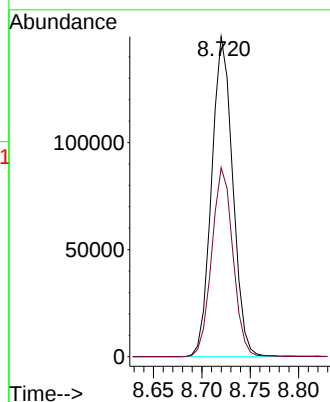
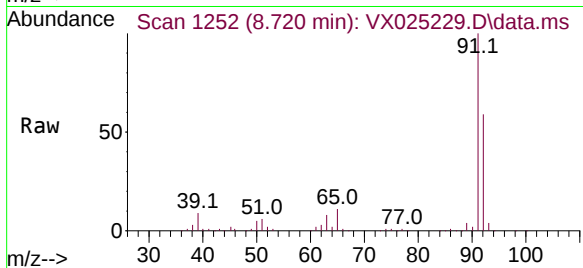
ClientSampleId :

Tgt Ion: 91 Resp: 227133

Ion Ratio Lower Upper

91 100

92 59.0 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 40.268 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX025229.D

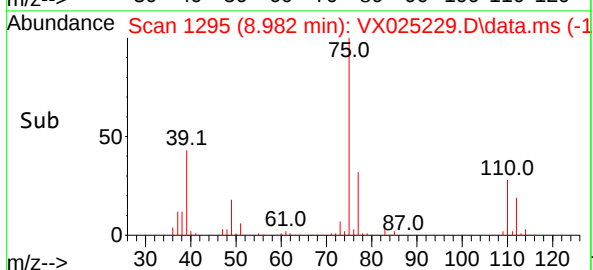
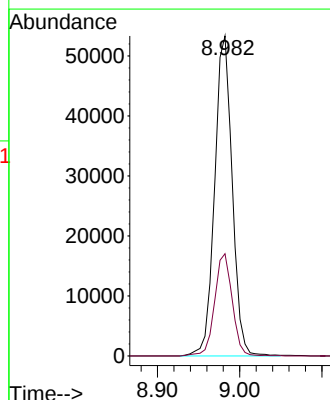
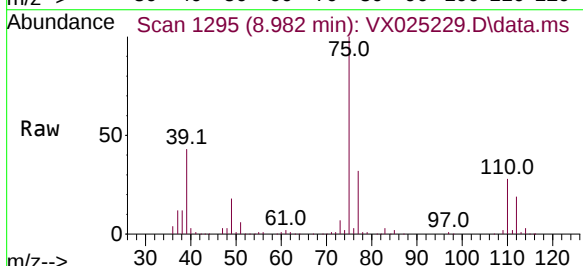
Acq: 18 Nov 2021 23:05

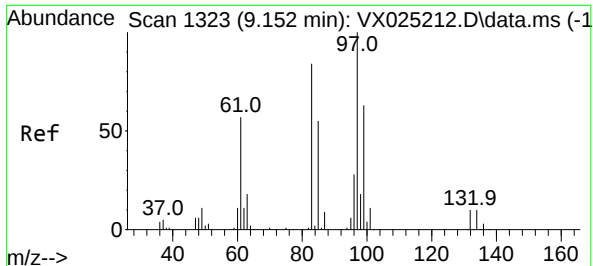
Tgt Ion: 75 Resp: 79243

Ion Ratio Lower Upper

75 100

77 31.9 23.4 43.6





#45

1,1,2-Trichloroethane

Concen: 44.458 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 55284

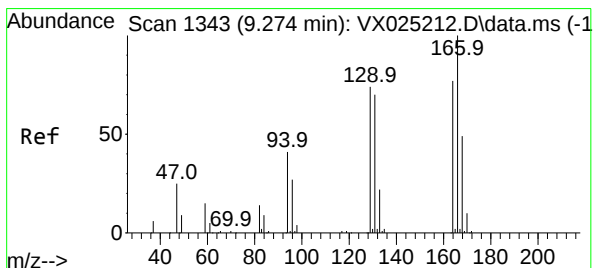
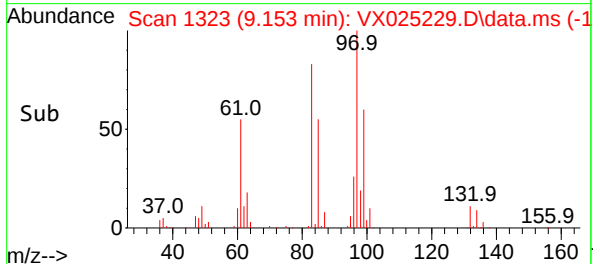
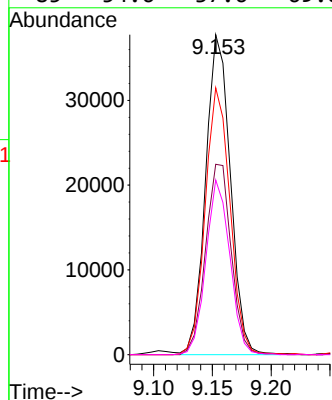
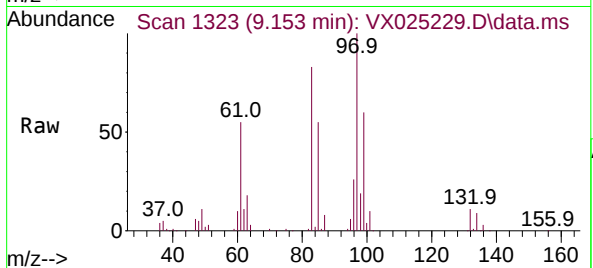
Ion Ratio Lower Upper

97 100

99 59.5 43.5 80.7

83 83.4 58.2 108.0

85 54.6 37.6 69.8



#46

Tetrachloroethene

Concen: 368.332 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

Tgt Ion:164 Resp: 394772

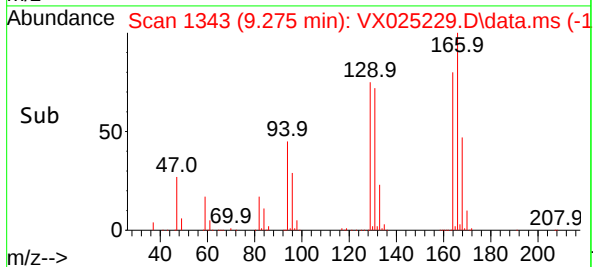
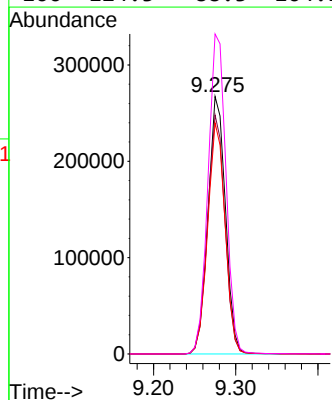
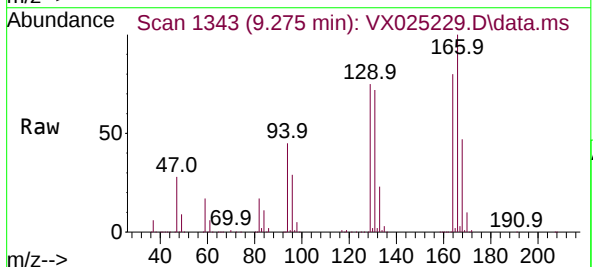
Ion Ratio Lower Upper

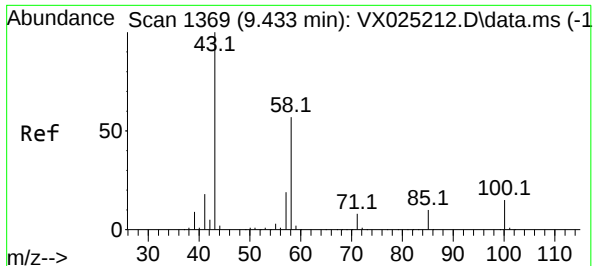
164 100

129 92.8 78.5 145.7

131 89.8 70.5 130.9

166 124.3 88.3 164.1





#48

2-Hexanone

Concen: 79.247 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

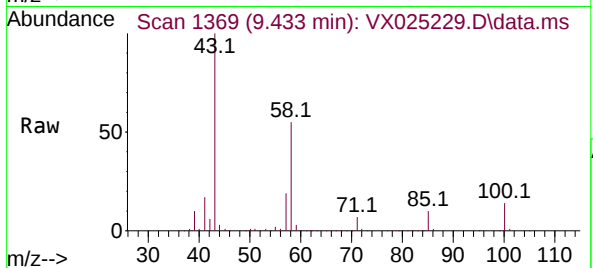
Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 127131

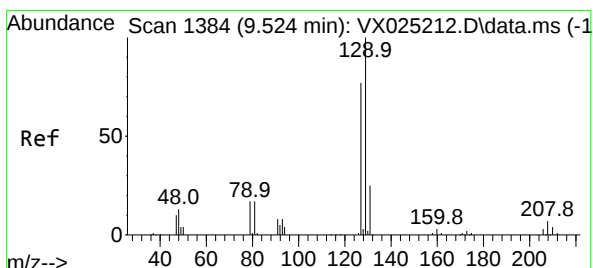
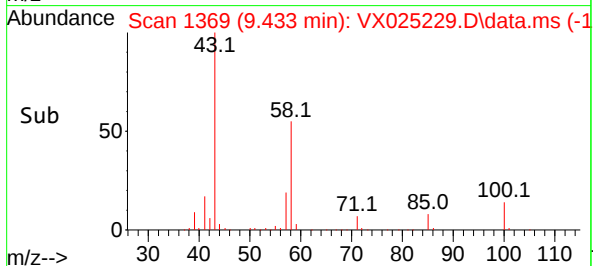
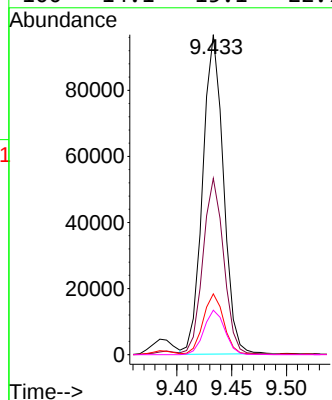
Ion Ratio Lower Upper

43 100

58 55.7 56.0 84.0#

57 19.0 20.4 30.6#

100 14.1 15.1 22.7#



#49

Dibromochloromethane

Concen: 44.348 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX025229.D

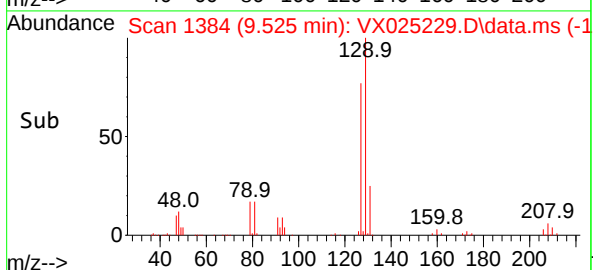
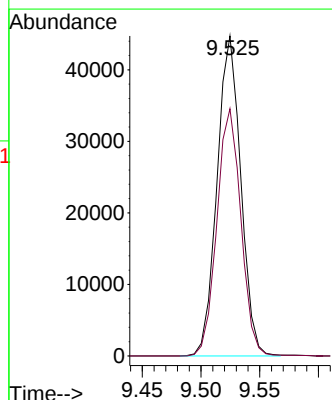
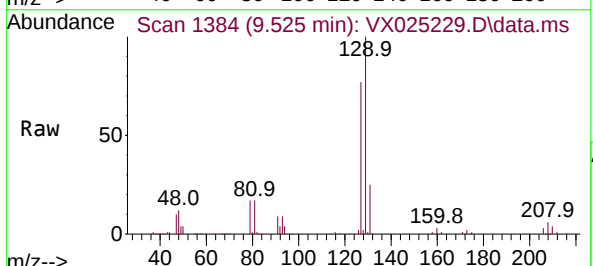
Acq: 18 Nov 2021 23:05

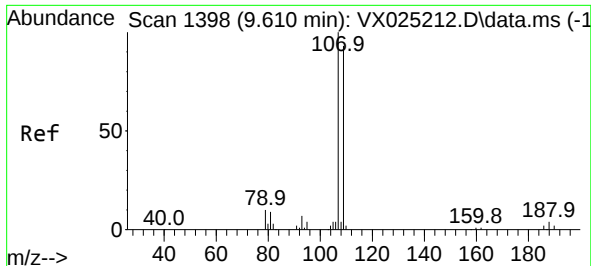
Tgt Ion: 129 Resp: 62952

Ion Ratio Lower Upper

129 100

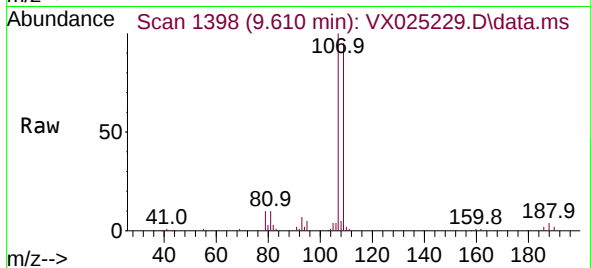
127 77.3 54.1 100.5



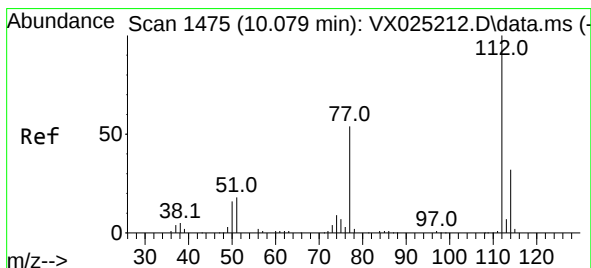
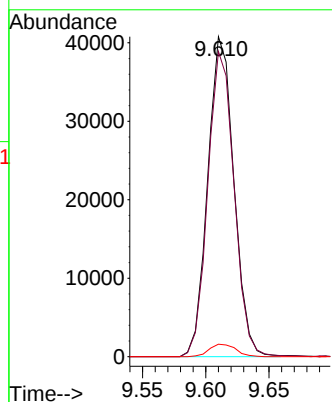
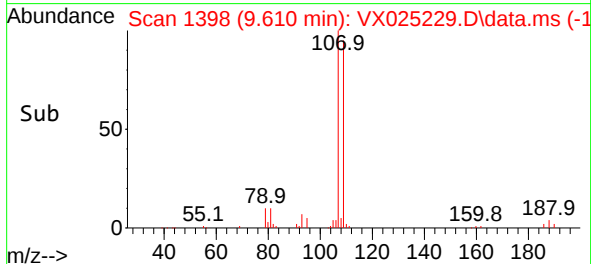


#50
1,2-Dibromoethane
Concen: 44.102 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Instrument :
MSVOA_X
ClientSampleId :

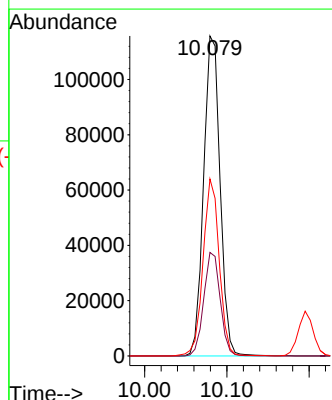
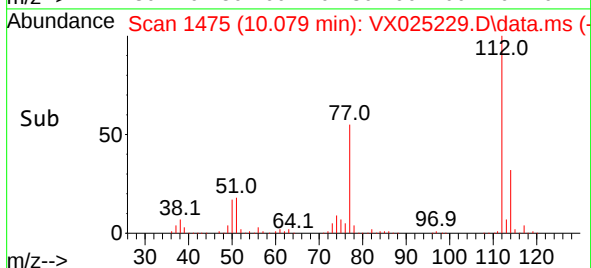
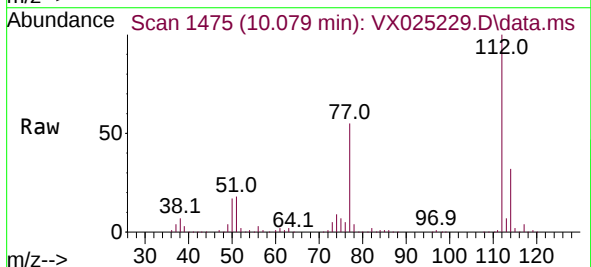


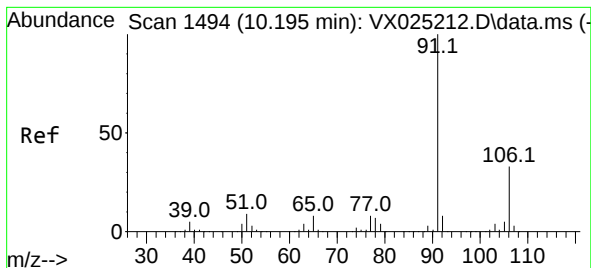
Tgt Ion:107 Resp: 58692
Ion Ratio Lower Upper
107 100
109 95.4 63.8 118.6
188 3.9 2.2 3.2#



#51
Chlorobenzene
Concen: 46.912 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Tgt Ion:112 Resp: 160945
Ion Ratio Lower Upper
112 100
114 32.4 22.7 42.3
77 55.3 46.8 70.2

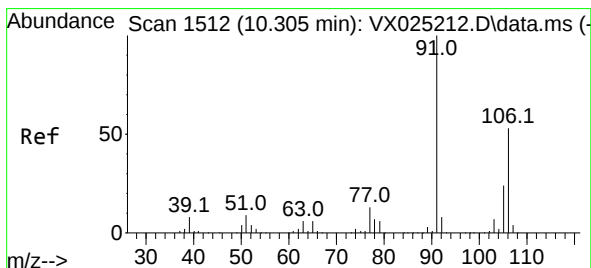
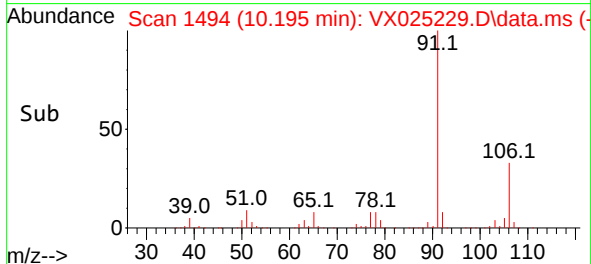
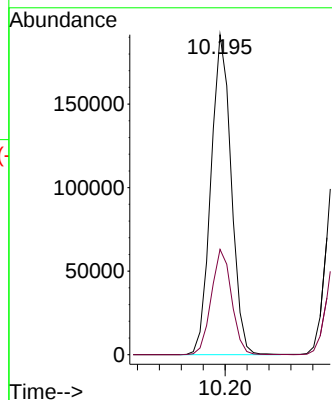
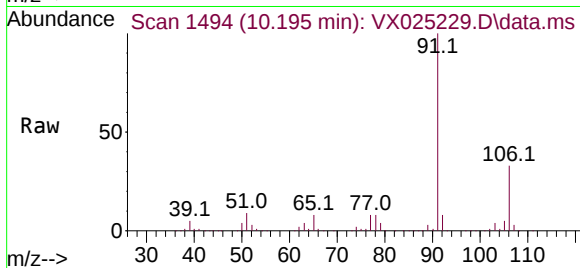




#52
Ethylbenzene
Concen: 42.851 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

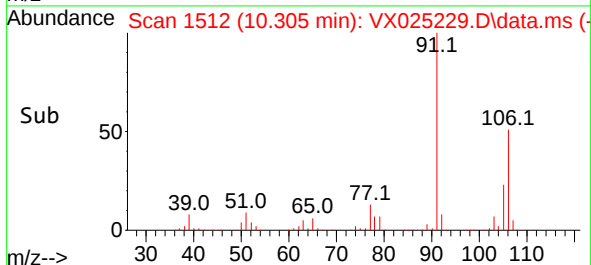
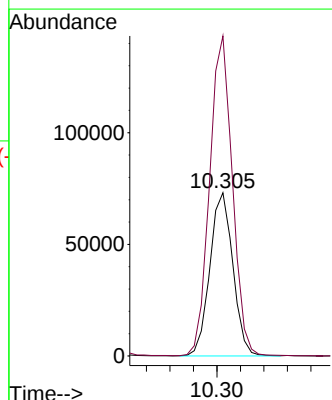
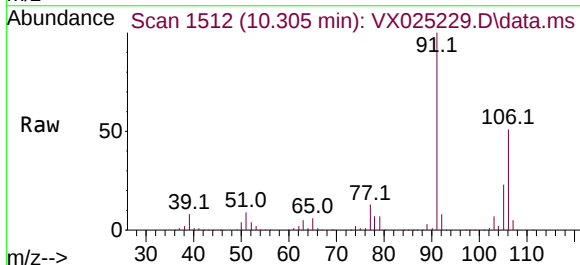
Instrument :
MSVOA_X
ClientSampleId :

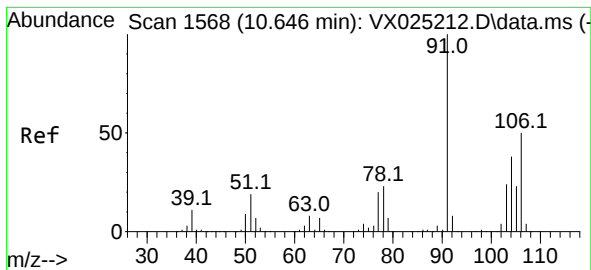
Tgt Ion: 91 Resp: 245945
Ion Ratio Lower Upper
91 100
106 32.9 20.2 37.6



#53
m,p-Xylene
Concen: 42.949 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Tgt Ion: 106 Resp: 99663
Ion Ratio Lower Upper
106 100
91 196.0 160.2 297.6





#54

o-Xylene

Concen: 43.579 ug/L

RT: 10.646 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

Instrument :

MSVOA_X

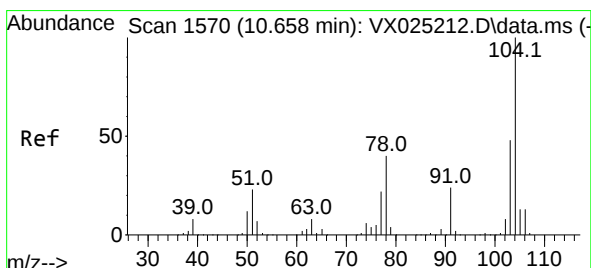
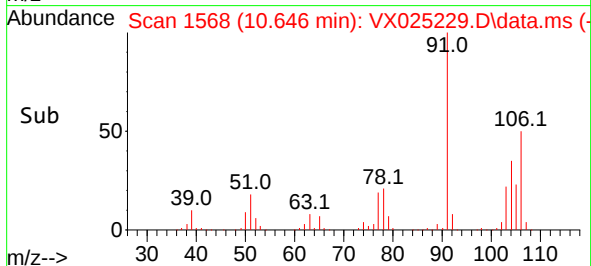
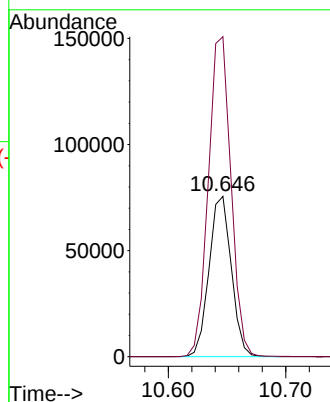
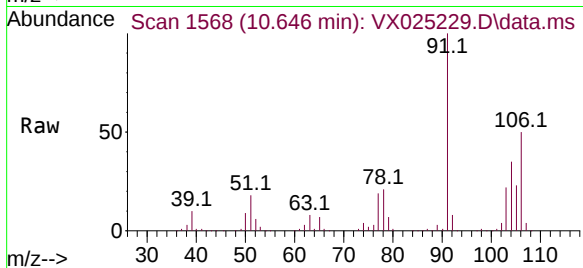
ClientSampleId :

Tgt Ion:106 Resp: 99788

Ion Ratio Lower Upper

106 100

91 199.5 164.4 305.4



#55

Styrene

Concen: 42.871 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX025229.D

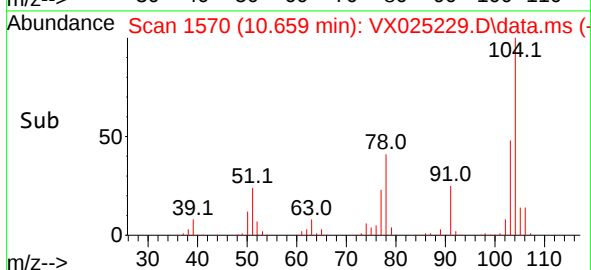
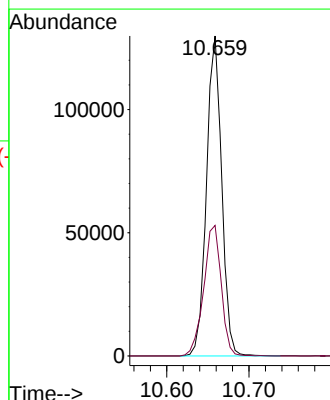
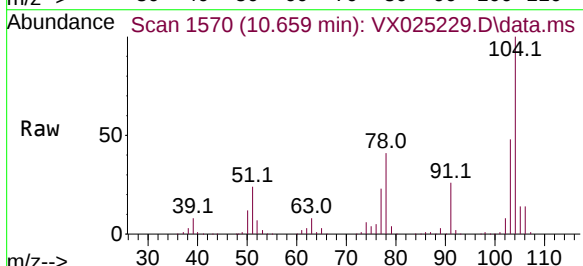
Acq: 18 Nov 2021 23:05

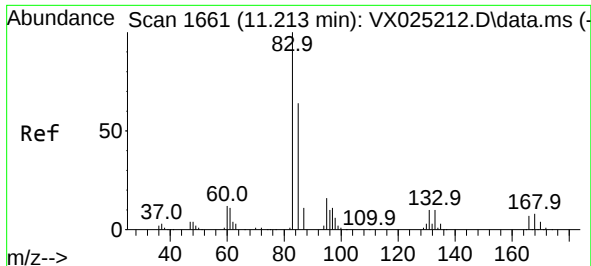
Tgt Ion:104 Resp: 166692

Ion Ratio Lower Upper

104 100

78 40.8 38.2 71.0

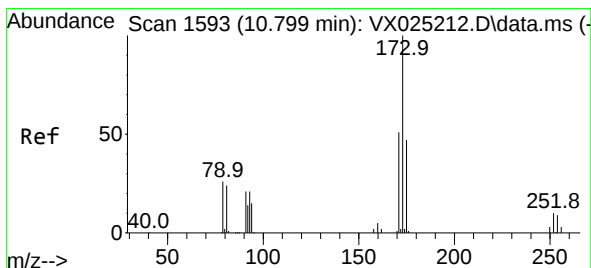
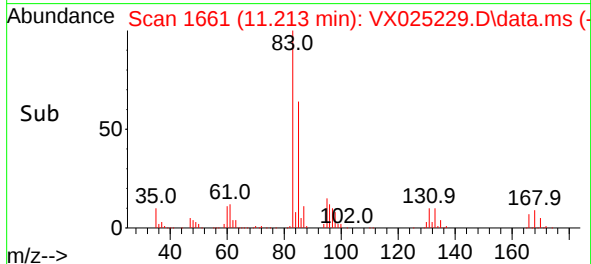
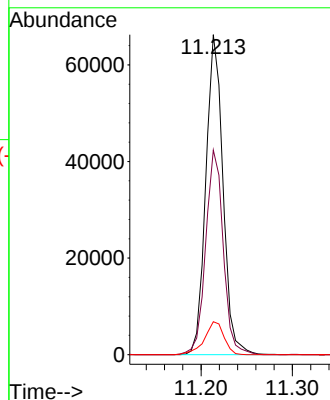
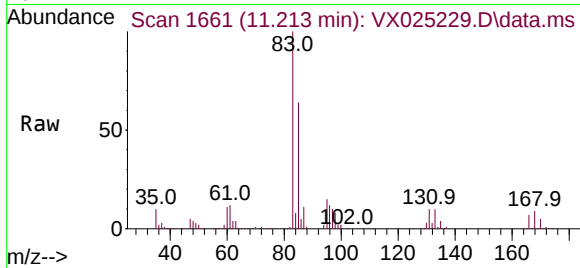




#57
1,1,2,2-Tetrachloroethane
Concen: 43.547 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

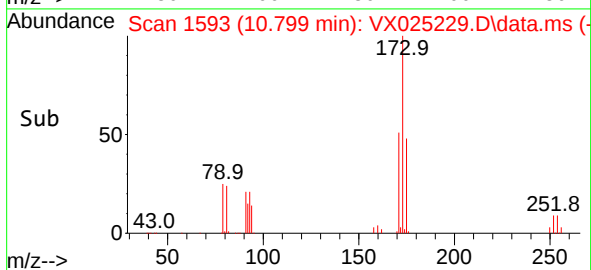
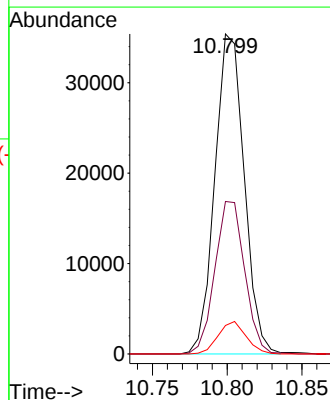
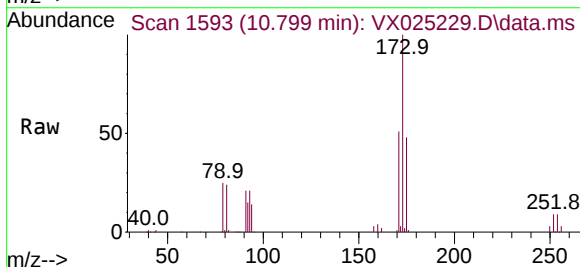
Instrument :
MSVOA_X
ClientSampleId :

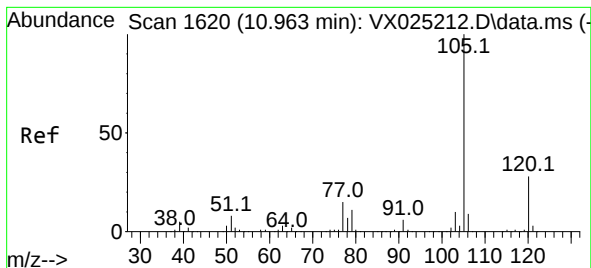
Tgt Ion: 83 Resp: 85974
Ion Ratio Lower Upper
83 100
85 63.9 46.9 87.1
131 10.3 8.7 13.1



#59
Bromoform
Concen: 43.867 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Tgt Ion:173 Resp: 48342
Ion Ratio Lower Upper
173 100
175 48.3 36.6 55.0
254 9.7 4.9 7.3#





#60

Isopropylbenzene

Concen: 43.523 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

Instrument :

MSVOA_X

ClientSampleId :

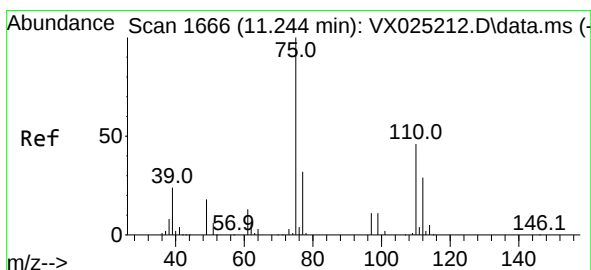
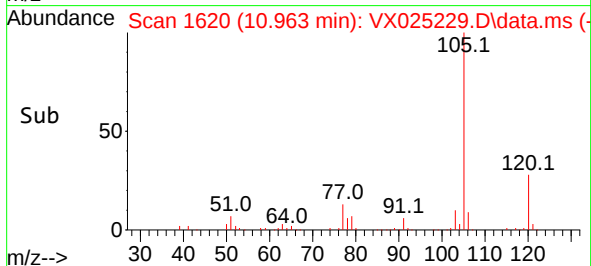
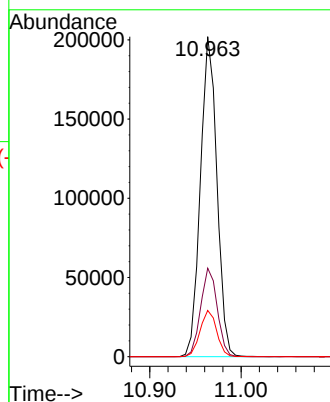
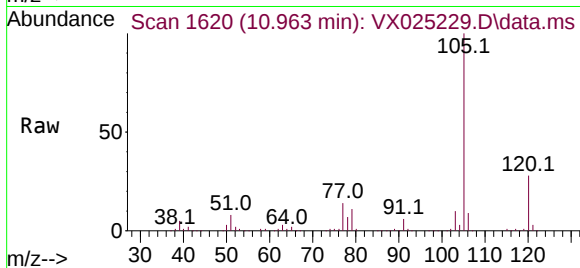
Tgt Ion:105 Resp: 253773

Ion Ratio Lower Upper

105 100

120 27.8 19.8 29.6

77 14.6 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 44.755 ug/L

RT: 11.244 min Scan# 1666

Delta R.T. 0.000 min

Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

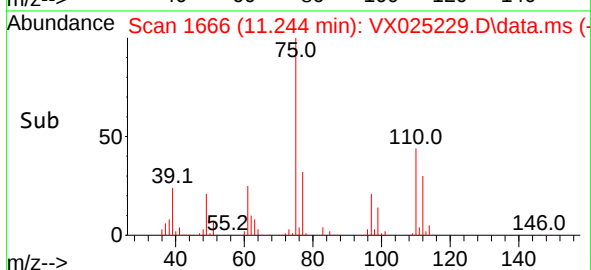
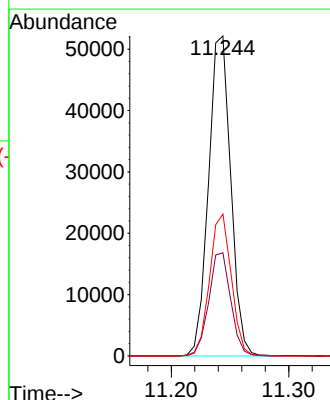
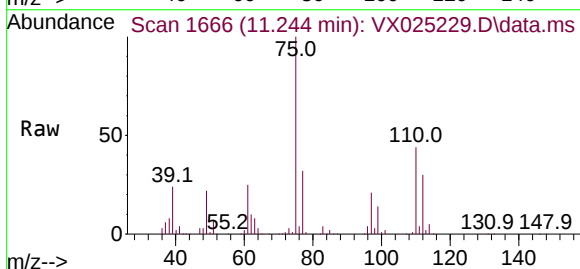
Tgt Ion: 75 Resp: 68719

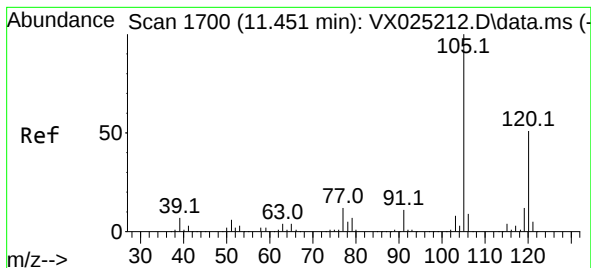
Ion Ratio Lower Upper

75 100

77 31.8 26.6 39.8

110 43.4 37.2 55.8





#62

1,3,5-Trimethylbenzene

Concen: 43.060 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

Instrument :

MSVOA_X

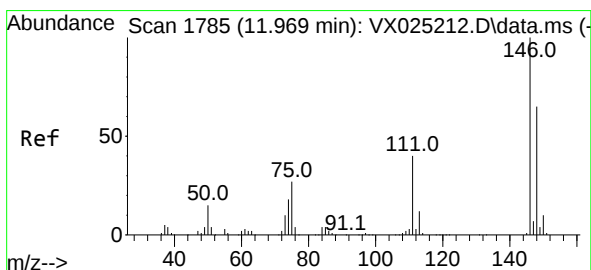
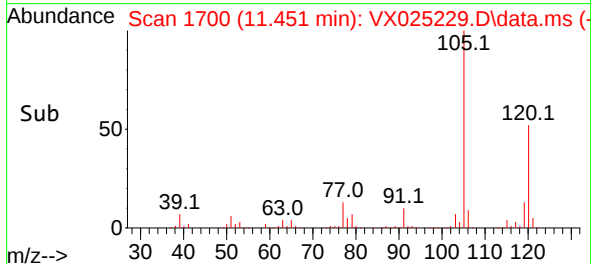
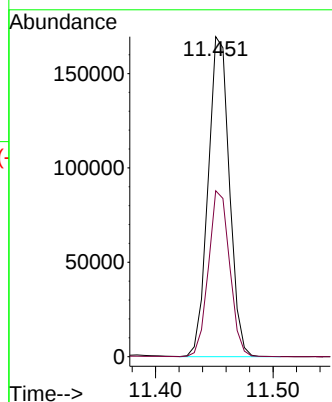
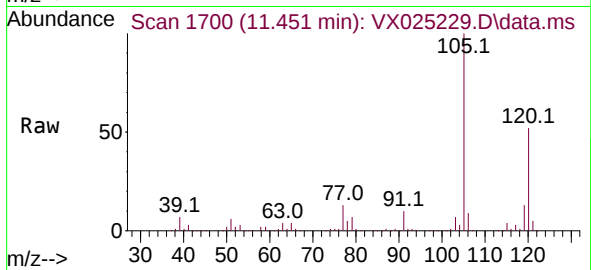
ClientSampleId :

Tgt Ion:105 Resp: 213020

Ion Ratio Lower Upper

105 100

120 51.6 34.4 51.6



#64

1,3-Dichlorobenzene

Concen: 45.012 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX025229.D

Acq: 18 Nov 2021 23:05

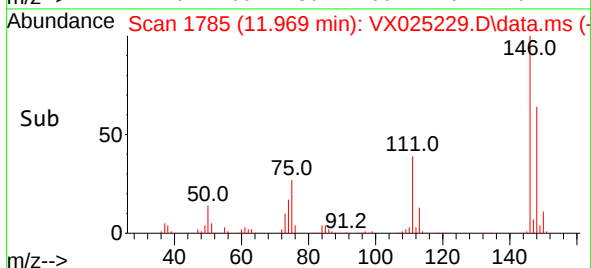
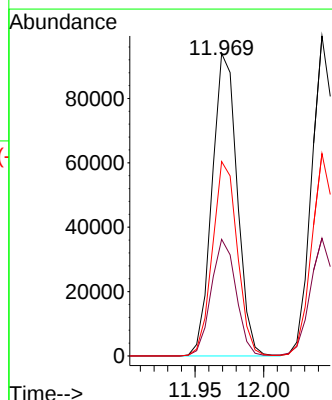
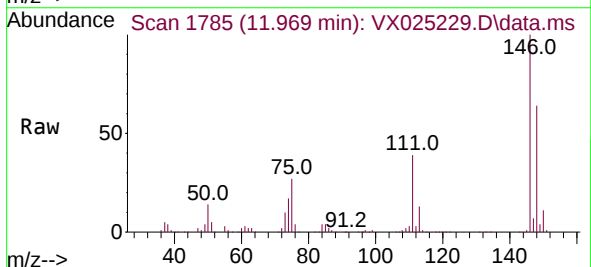
Tgt Ion:146 Resp: 119641

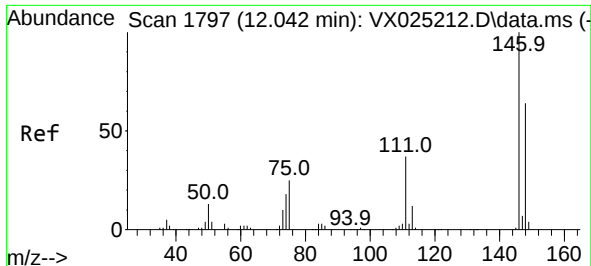
Ion Ratio Lower Upper

146 100

111 38.5 31.1 57.9

148 64.2 43.2 80.2

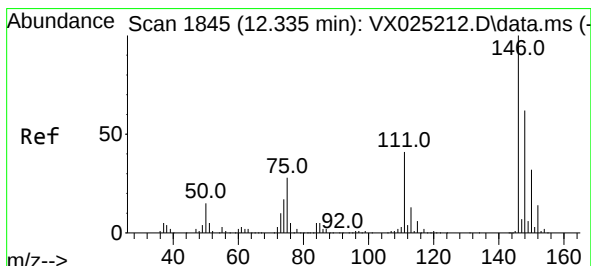
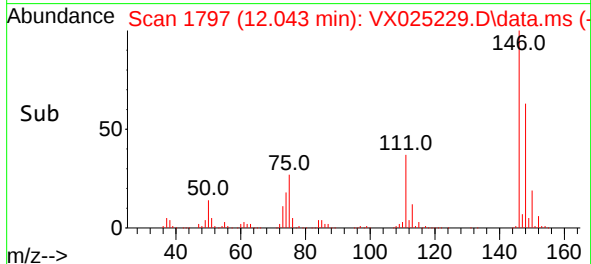
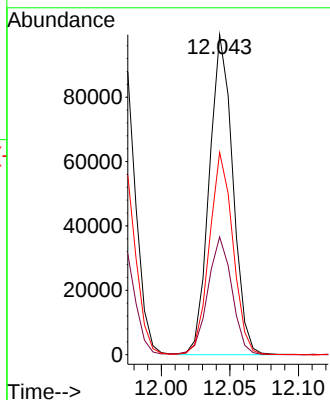
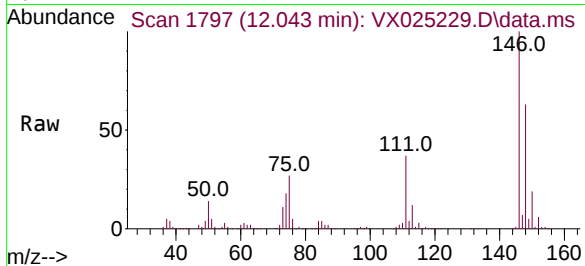




#65
1,4-Dichlorobenzene
Concen: 44.618 ug/L
RT: 12.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

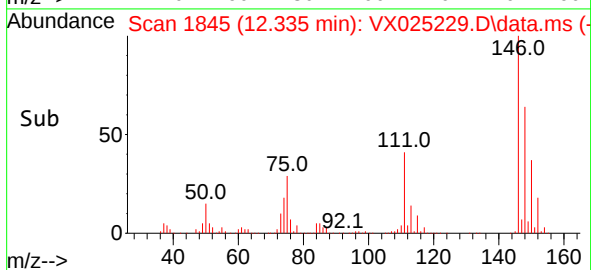
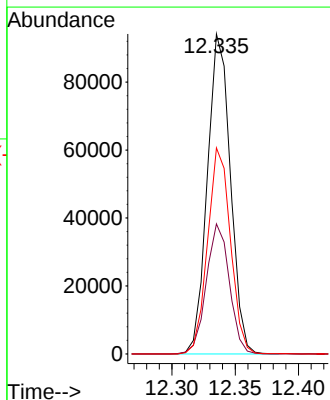
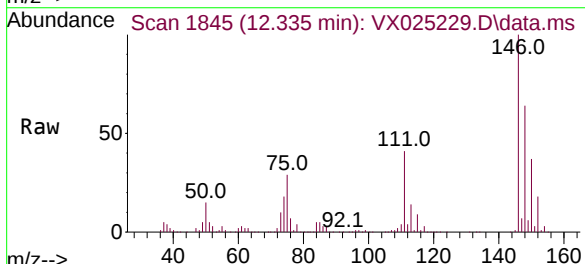
Instrument :
MSVOA_X
ClientSampleId :

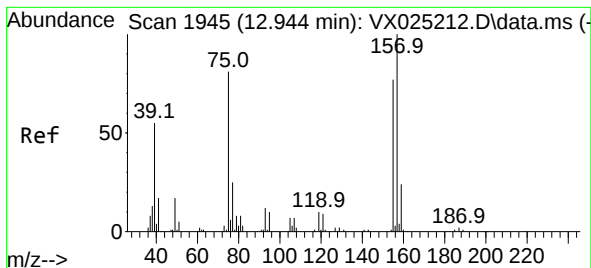
Tgt Ion:146 Resp: 118487
Ion Ratio Lower Upper
146 100
111 36.8 31.8 59.0
148 63.2 46.1 85.5



#67
1,2-Dichlorobenzene
Concen: 45.179 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Tgt Ion:146 Resp: 119270
Ion Ratio Lower Upper
146 100
111 40.7 38.5 57.7
148 64.4 53.2 79.8

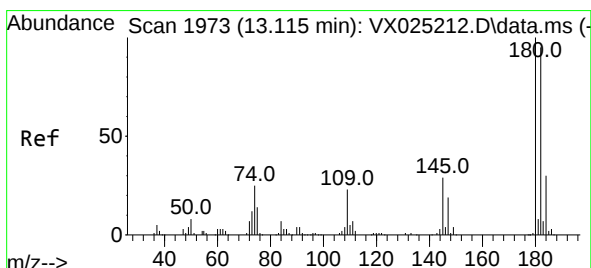
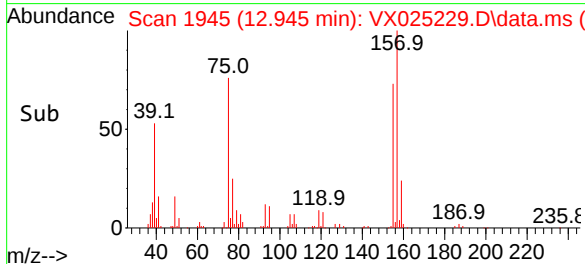
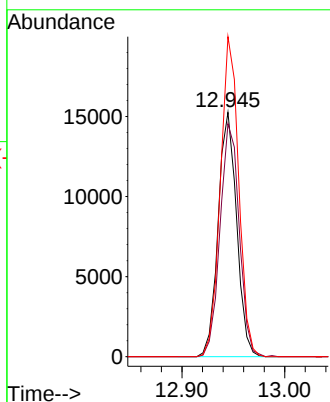
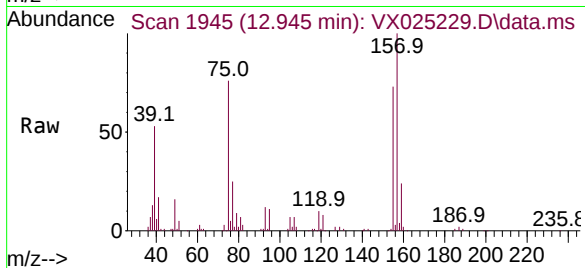




#68
1,2-Dibromo-3-chloropropane
Concen: 42.681 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

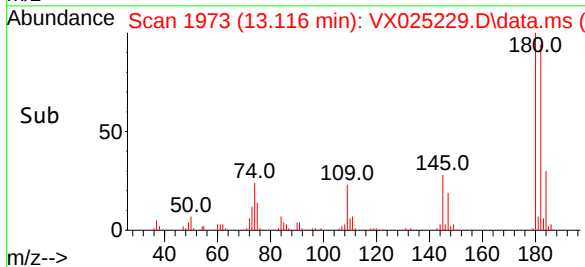
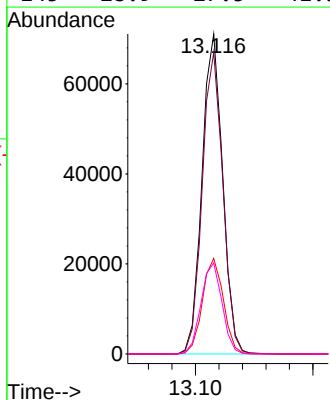
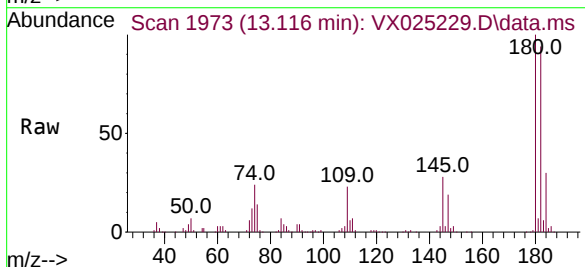
Instrument :
MSVOA_X
ClientSampleId :

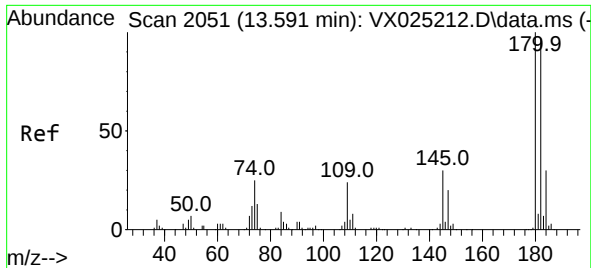
Tgt Ion: 75 Resp: 18954
Ion Ratio Lower Upper
75 100
155 95.3 59.3 88.9#
157 130.9 68.7 103.1#



#69
1,3,5-Trichlorobenzene
Concen: 45.014 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

Tgt Ion:180 Resp: 86560
Ion Ratio Lower Upper
180 100
182 94.1 74.2 111.4
184 30.4 23.7 35.5
145 28.9 27.5 41.3

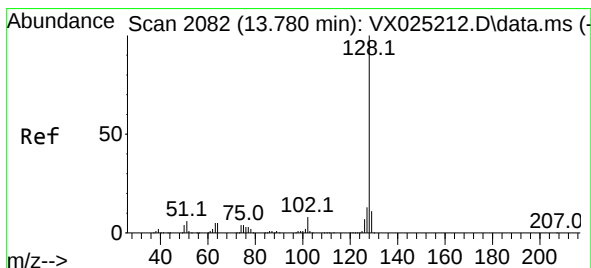
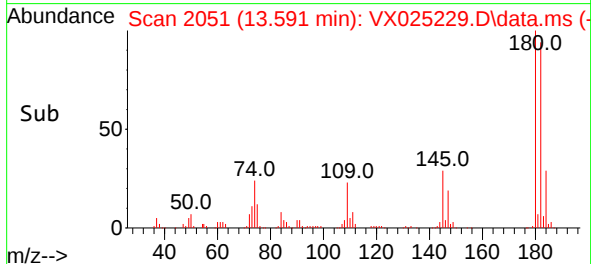
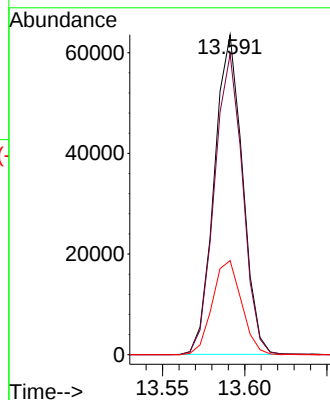
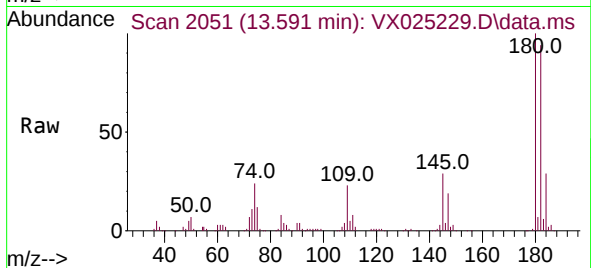




#70
1,2,4-trichlorobenzene
Concen: 45.179 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

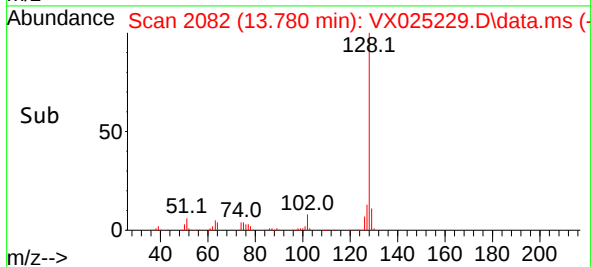
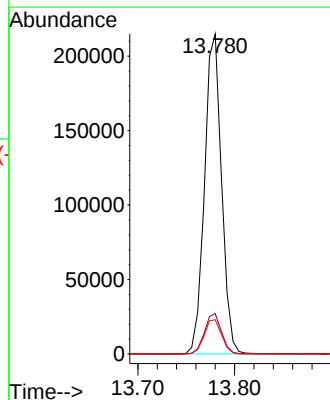
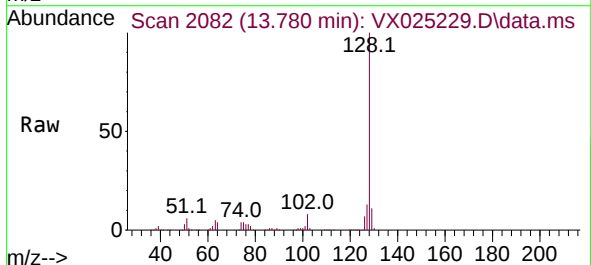
Instrument :
MSVOA_X
ClientSampleId :

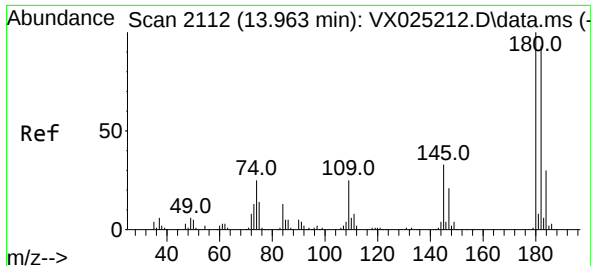
Tgt Ion:180 Resp: 75782
Ion Ratio Lower Upper
180 100
182 94.3 76.4 114.6
145 30.5 28.8 43.2



#71
Naphthalene
Concen: 46.292 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025229.D
Acq: 18 Nov 2021 23:05

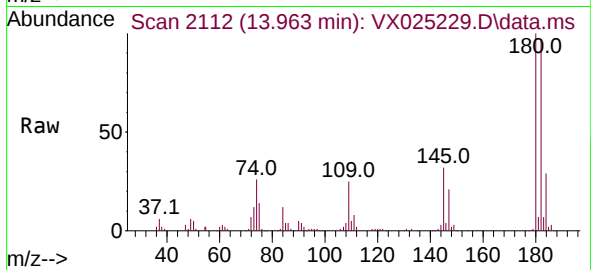
Tgt Ion:128 Resp: 263310
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 11.0 9.1 13.7





#72
 1,2,3-Trichlorobenzene
 Concen: 45.941 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX025229.D
 Acq: 18 Nov 2021 23:05

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 76395
 Ion Ratio Lower Upper
 180 100
 182 95.1 73.3 109.9
 145 32.0 29.0 43.4

