

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
 Data File : VX025212.D
 Acq On : 18 Nov 2021 14:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 19 05:19:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 12 12:01:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	176199	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	163022	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	83916	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	58990	49.556	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.120%
7) Chloroethane-d5	1.660	69	47307	69.731	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	139.460%#
11) 1,1-Dichloroethene-d2	2.306	63	94073	45.949	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.900%
21) 2-Butanone-d5	4.458	46	86992	96.706	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.710%
24) Chloroform-d	5.056	84	101670	48.550	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.100%
26) 1,2-Dichloroethane-d4	5.958	65	61032	48.082	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.160%
32) Benzene-d6	5.976	84	205229	46.125	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.260%
36) 1,2-Dichloropropane-d6	7.311	67	62179	45.768	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.540%
41) Toluene-d8	8.653	98	193154	45.458	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.920%
43) trans-1,3-Dichloroprop...	8.951	79	32537	44.118	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.240%
47) 2-Hexanone-d5	9.384	63	66903	91.706	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.710%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	89664	45.823	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.640%
66) 1,2-Dichlorobenzene-d4	12.323	152	78422	47.143	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.280%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	55879	40.578	ug/L	98
3) Chloromethane	1.294	50	53974	36.204	ug/L	87
5) Vinyl chloride	1.373	62	64765	42.127	ug/L	97
6) Bromomethane	1.599	94	32838	55.662	ug/L	96
8) Chloroethane	1.684	64	41397	53.622	ug/L	99
9) Trichlorofluoromethane	1.886	101	101300	45.142	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.324	101	52178	44.871	ug/L	96
12) 1,1-Dichloroethene	2.318	96	48028	42.751	ug/L	82
13) Acetone	2.379	43	102718	121.731	ug/L	98
14) Carbon disulfide	2.507	76	121061	34.974	ug/L	99
15) Methyl Acetate	2.702	43	58206	42.368	ug/L #	81
16) Methylene chloride	2.788	84	54938	44.207	ug/L	86
17) trans-1,2-Dichloroethene	3.093	96	50682	41.540	ug/L	89
18) Methyl tert-butyl Ether	3.117	73	171241	44.904	ug/L #	89
19) 1,1-Dichloroethane	3.611	63	90839	44.015	ug/L	94
20) cis-1,2-Dichloroethene	4.489	96	59308	43.934	ug/L	99
22) 2-Butanone	4.556	43	117918	104.980	ug/L	86
23) Bromochloromethane	4.897	128	31059	44.689	ug/L #	74
25) Chloroform	5.092	83	97919	46.290	ug/L	98

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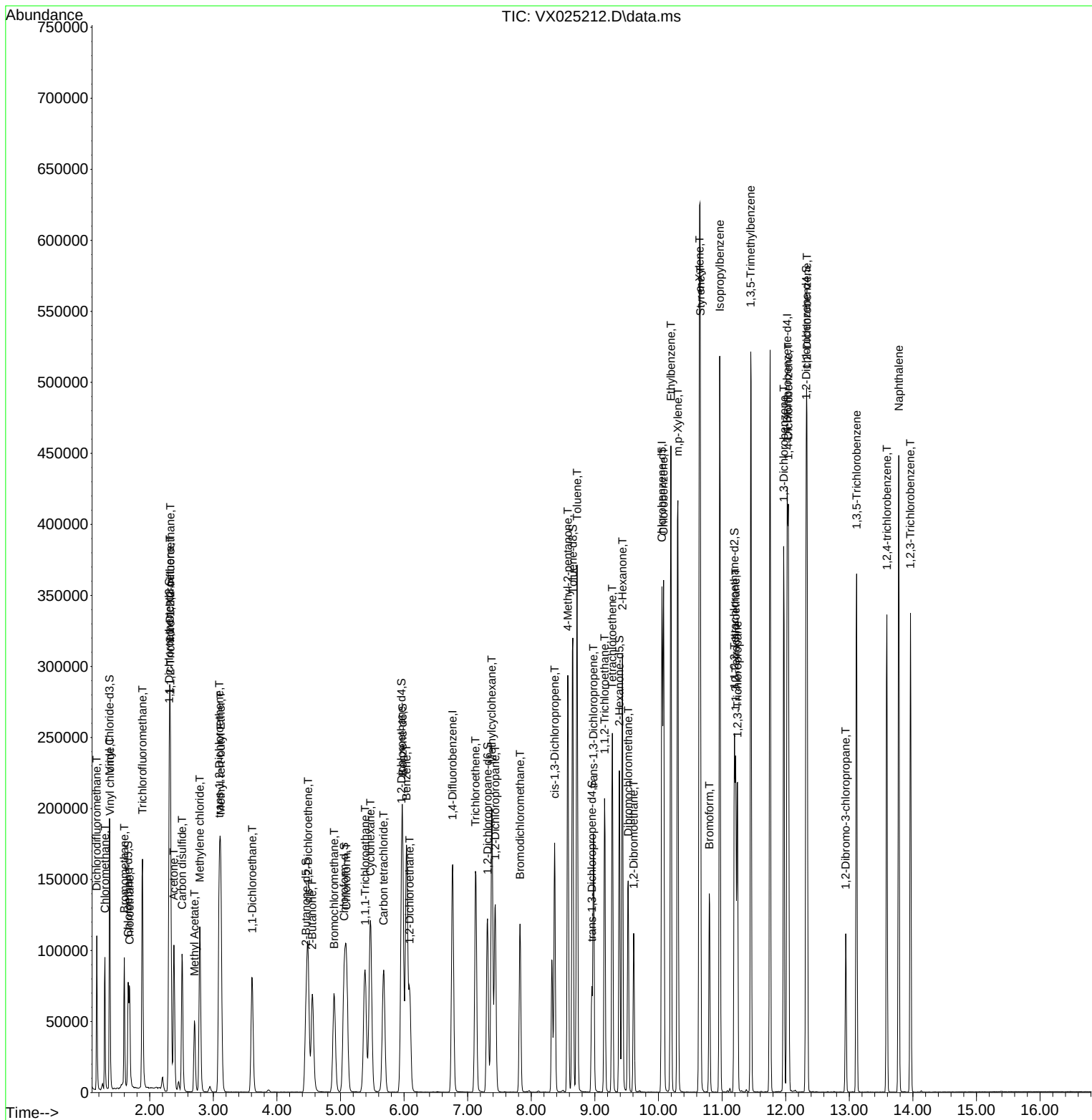
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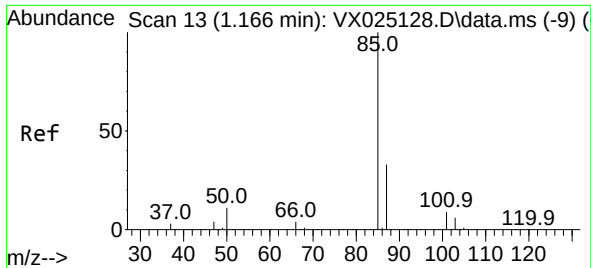
Quant Time: Nov 19 05:19:11 2021
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 Quant Title : VOC Analysis
 QLast Update : Fri Nov 12 12:01:23 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	72799	46.938	ug/L #	86
29) Cyclohexane	5.470	56	84768	40.701	ug/L	88
30) 1,1,1-Trichloroethane	5.385	97	88592	44.224	ug/L #	94
31) Carbon tetrachloride	5.678	117	80237	45.360	ug/L	98
33) Benzene	6.037	78	216492	43.224	ug/L	100
34) Trichloroethene	7.122	95	58165	44.441	ug/L	83
35) Methylcyclohexane	7.378	83	93699	42.335	ug/L	93
37) 1,2-Dichloropropane	7.433	63	55213	44.006	ug/L	99
38) Bromodichloromethane	7.823	83	75003	44.174	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	88255	42.839	ug/L	97
40) 4-Methyl-2-pentanone	8.573	43	171458	85.985	ug/L #	84
42) Toluene	8.720	91	238071	43.762	ug/L	95
44) trans-1,3-Dichloropropene	8.976	75	85248	42.517	ug/L	98
45) 1,1,2-Trichloroethane	9.152	97	56350	44.477	ug/L	99
46) Tetrachloroethene	9.274	164	49233	45.085	ug/L	91
48) 2-Hexanone	9.433	43	158667	97.075	ug/L #	84
49) Dibromochloromethane	9.524	129	66081	45.690	ug/L	100
50) 1,2-Dibromoethane	9.610	107	61155	45.102	ug/L #	98
51) Chlorobenzene	10.079	112	159497	45.629	ug/L	97
52) Ethylbenzene	10.195	91	259242	44.332	ug/L	92
53) m,p-Xylene	10.305	106	106965	45.243	ug/L	76
54) o-Xylene	10.646	106	104208	44.667	ug/L	79
55) Styrene	10.658	104	176947	44.666	ug/L	80
57) 1,1,2,2-Tetrachloroethane	11.213	83	86428	42.967	ug/L	97
59) Bromoform	10.799	173	51276	45.214	ug/L #	96
60) Isopropylbenzene	10.963	105	269923	44.984	ug/L	94
61) 1,2,3-Trichloropropane	11.244	75	69678	44.096	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	229187	45.018	ug/L	88
64) 1,3-Dichlorobenzene	11.969	146	126003	46.065	ug/L	94
65) 1,4-Dichlorobenzene	12.042	146	125695	45.994	ug/L	94
67) 1,2-Dichlorobenzene	12.335	146	125458	46.179	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.944	75	19786	43.295	ug/L #	68
69) 1,3,5-Trichlorobenzene	13.115	180	92647	46.817	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	81674	47.315	ug/L	97
71) Naphthalene	13.780	128	276323	47.206	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	82048	47.946	ug/L	96

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

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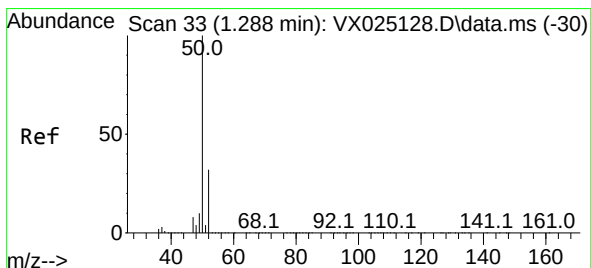
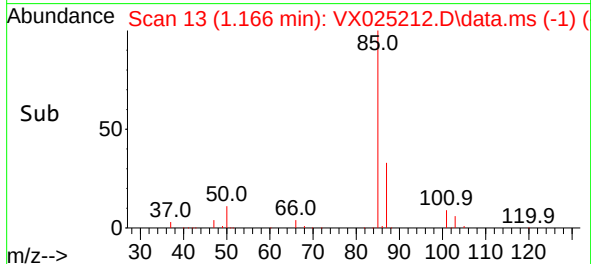
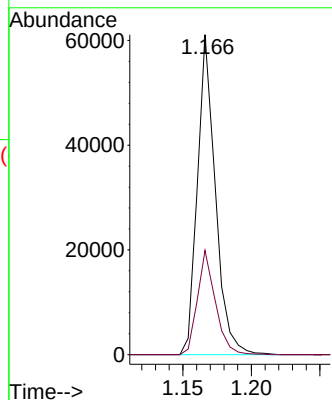
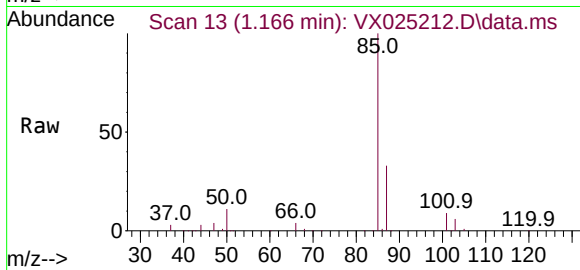




#2
Dichlorodifluoromethane
Concen: 40.578 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

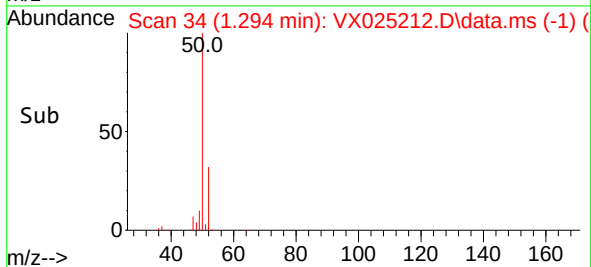
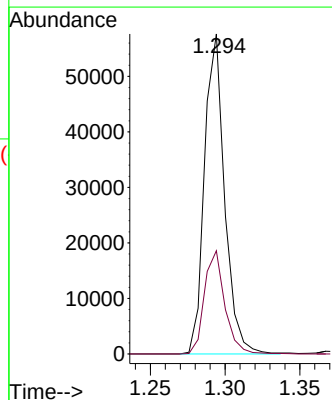
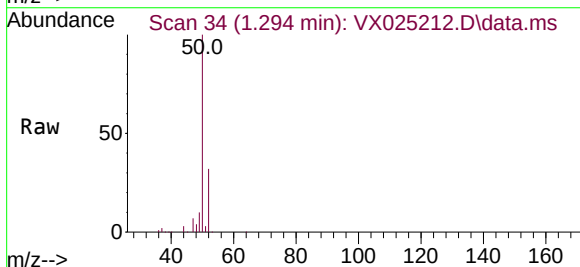
Instrument :
MSVOA_X
ClientSampleId :

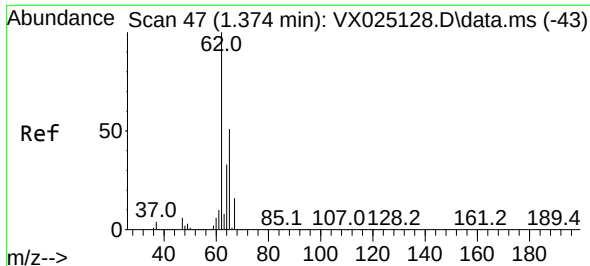
Tgt Ion: 85 Resp: 55879
Ion Ratio Lower Upper
85 100
87 32.6 25.3 37.9



#3
Chloromethane
Concen: 36.204 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

Tgt Ion: 50 Resp: 53974
Ion Ratio Lower Upper
50 100
52 32.2 28.0 52.0

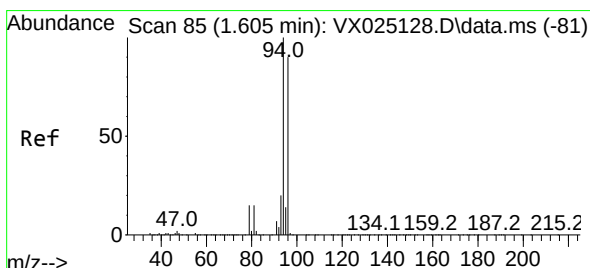
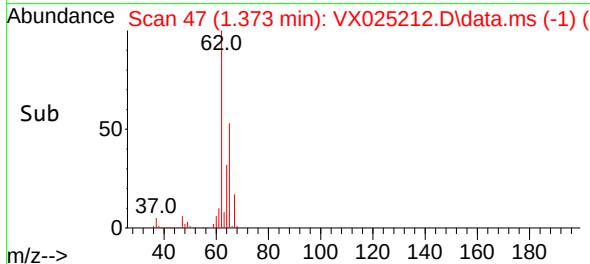
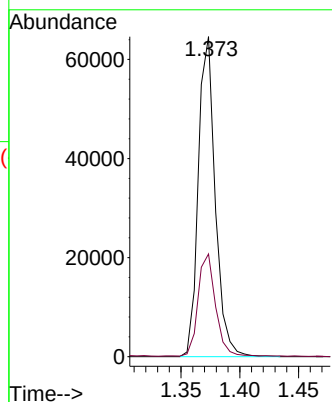
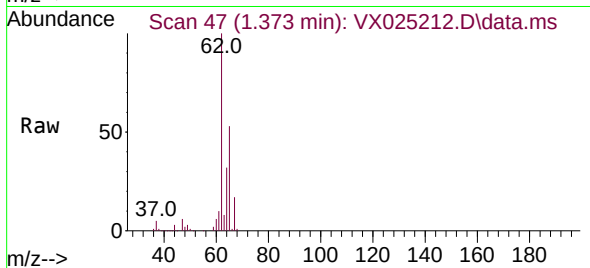




#5
 Vinyl chloride
 Concen: 42.127 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX025212.D
 Acq: 18 Nov 2021 14:58

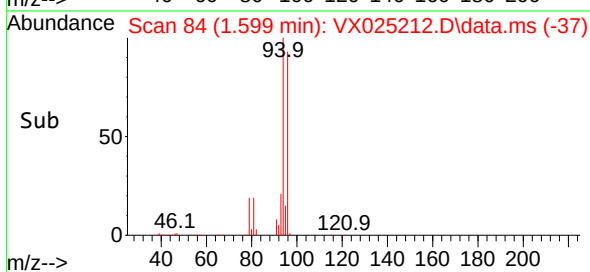
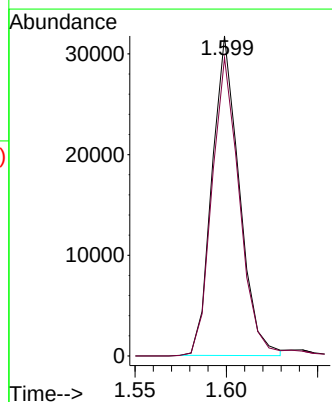
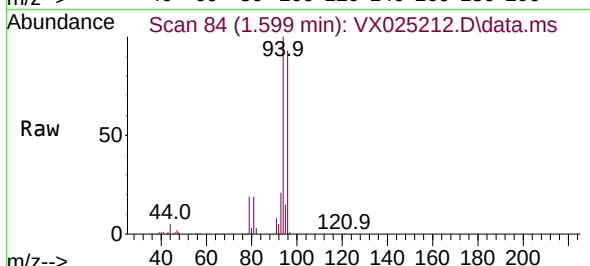
Instrument :
 MSVOA_X
 ClientSampleId :

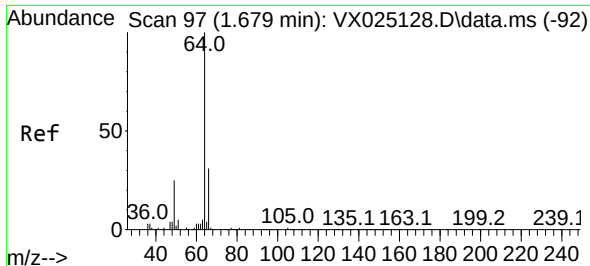
Tgt Ion: 62 Resp: 64765
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.6 43.8



#6
 Bromomethane
 Concen: 55.662 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. -0.013 min
 Lab File: VX025212.D
 Acq: 18 Nov 2021 14:58

Tgt Ion: 94 Resp: 32838
 Ion Ratio Lower Upper
 94 100
 96 93.2 62.9 116.9

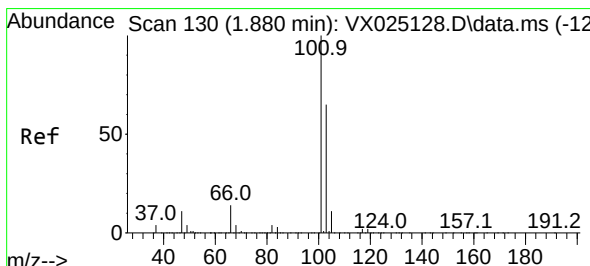
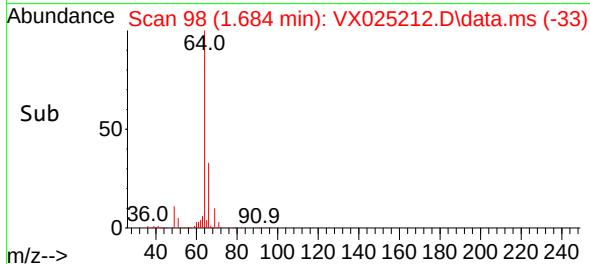
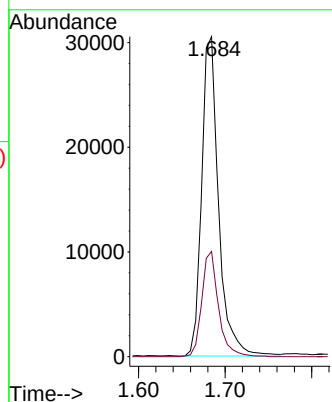
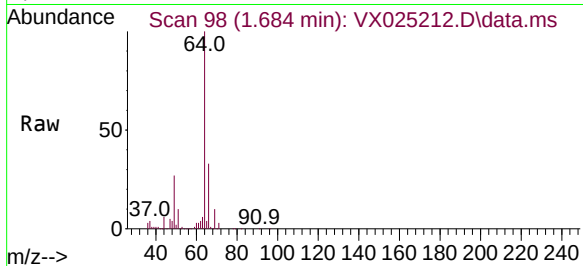




#8
 Chloroethane
 Concen: 53.622 ug/L
 RT: 1.684 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VX025128.D
 Acq: 18 Nov 2021 14:58

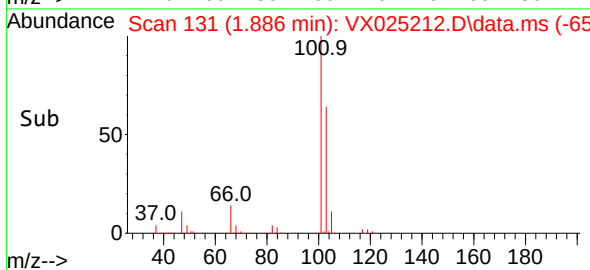
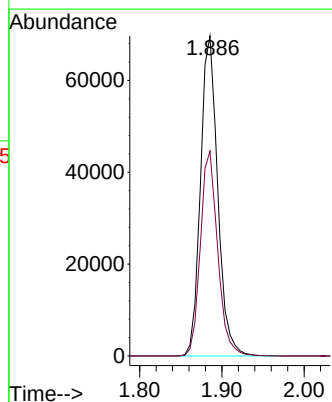
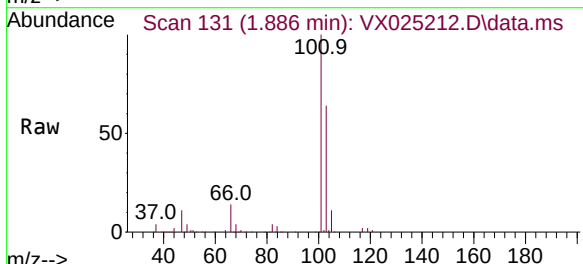
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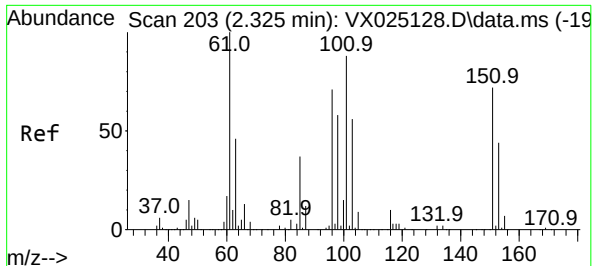
Tgt Ion: 64 Resp: 41397
 Ion Ratio Lower Upper
 64 100
 66 32.9 23.3 43.3



#9
 Trichlorofluoromethane
 Concen: 45.142 ug/L
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX025128.D
 Acq: 18 Nov 2021 14:58

Tgt Ion: 101 Resp: 101300
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.0

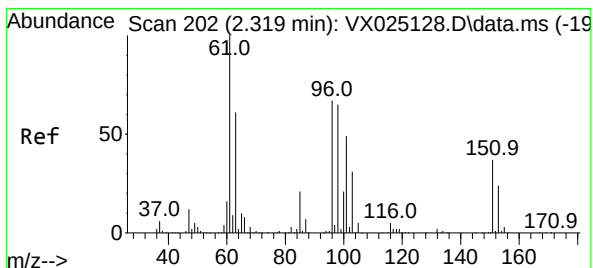
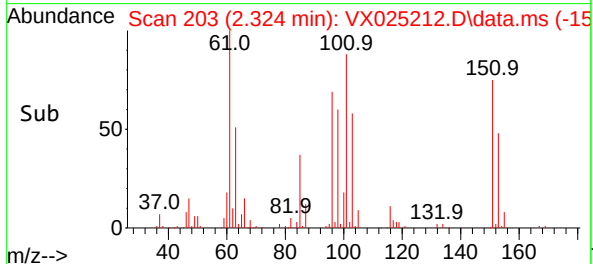
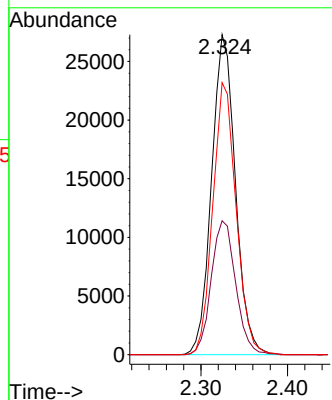
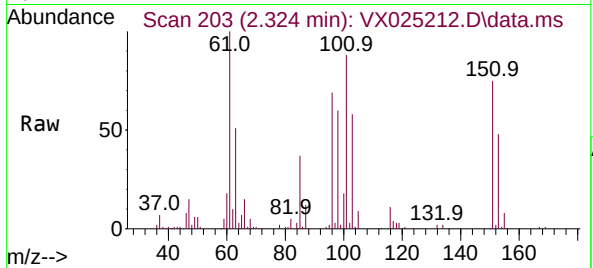




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.871 ug/L
 RT: 2.324 min Scan# 203
 Delta R.T. -0.006 min
 Lab File: VX025212.D
 Acq: 18 Nov 2021 14:58

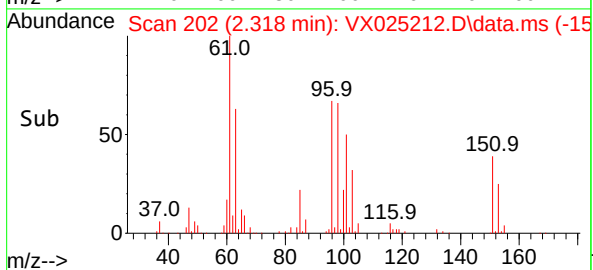
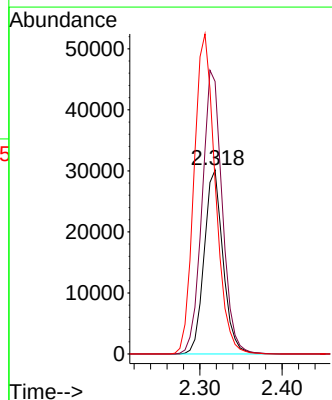
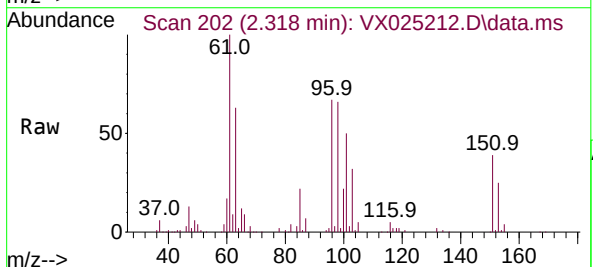
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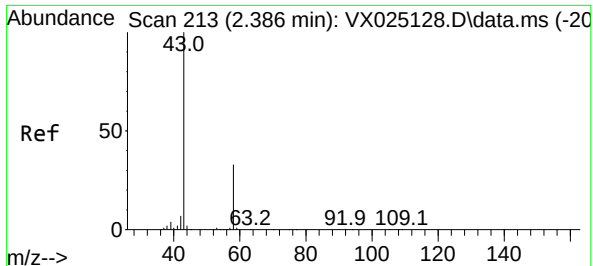
Tgt Ion:101 Resp: 52178
 Ion Ratio Lower Upper
 101 100
 85 43.0 35.3 52.9
 151 83.1 62.3 93.5



#12
 1,1-Dichloroethene
 Concen: 42.751 ug/L
 RT: 2.318 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX025212.D
 Acq: 18 Nov 2021 14:58

Tgt Ion: 96 Resp: 48028
 Ion Ratio Lower Upper
 96 100
 61 148.2 109.9 204.1
 63 93.9 92.4 171.6





#13

Acetone

Concen: 121.731 ug/L

RT: 2.379 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX025212.D

Acq: 18 Nov 2021 14:58

Instrument :

MSVOA_X

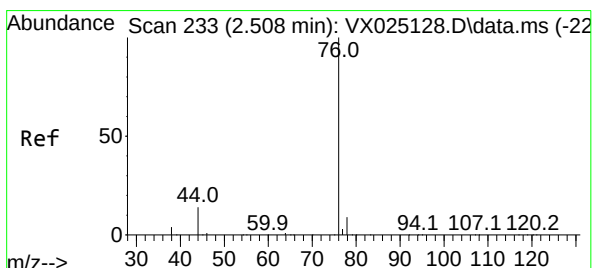
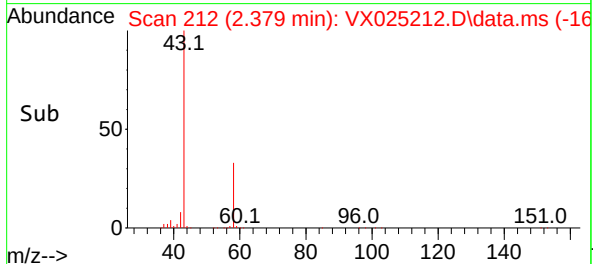
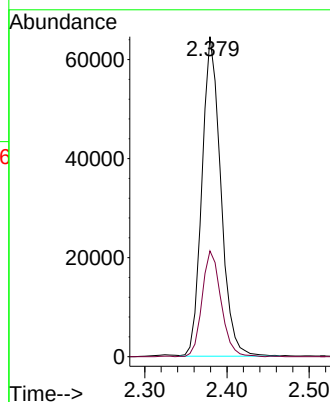
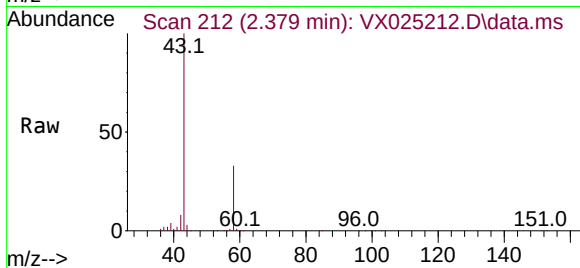
ClientSampleId :

Tgt Ion: 43 Resp: 102718

Ion Ratio Lower Upper

43 100

58 33.3 0.0 64.8



#14

Carbon disulfide

Concen: 34.974 ug/L

RT: 2.507 min Scan# 233

Delta R.T. -0.006 min

Lab File: VX025212.D

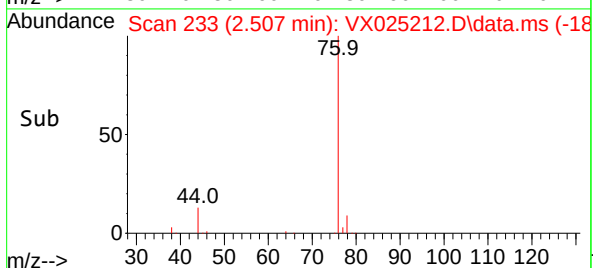
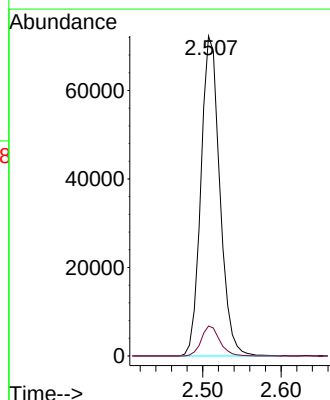
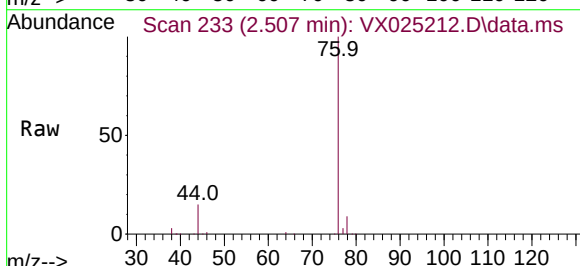
Acq: 18 Nov 2021 14:58

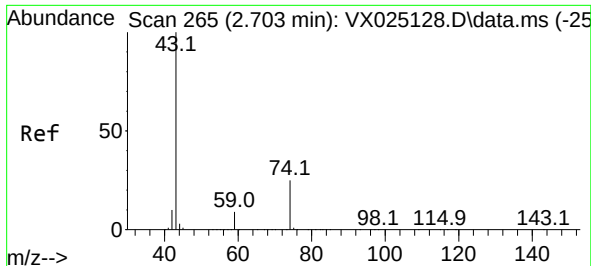
Tgt Ion: 76 Resp: 121061

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8

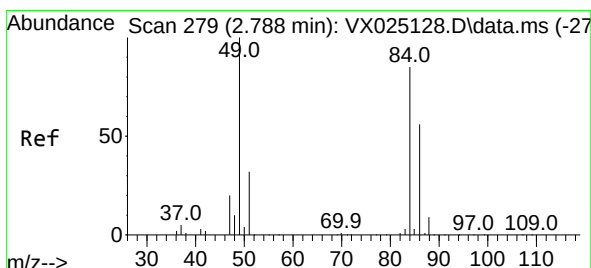
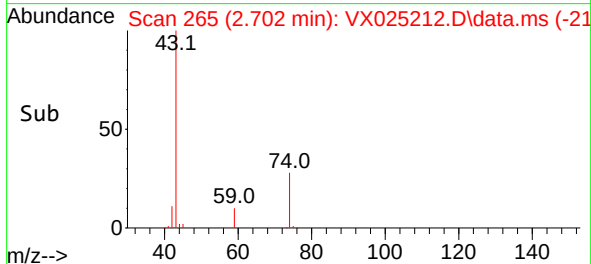
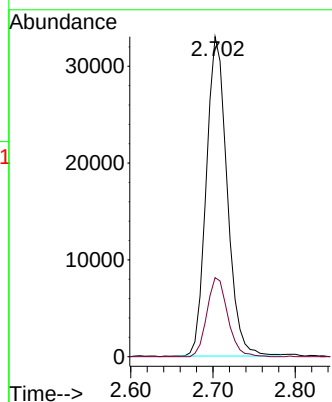
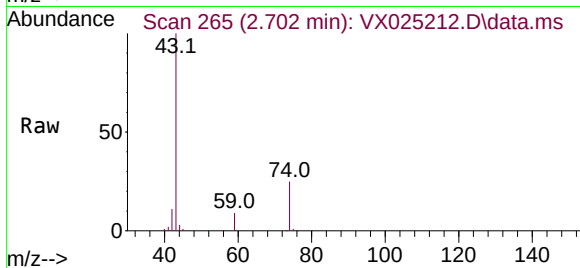




#15
Methyl Acetate
Concen: 42.368 ug/L
RT: 2.702 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

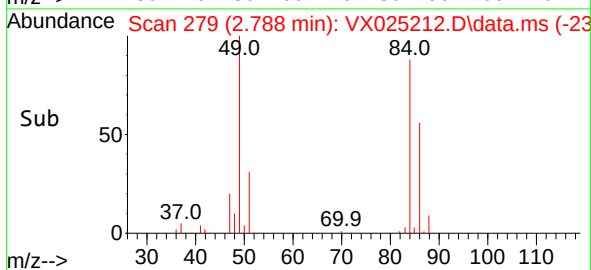
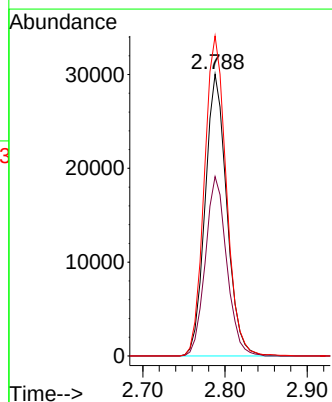
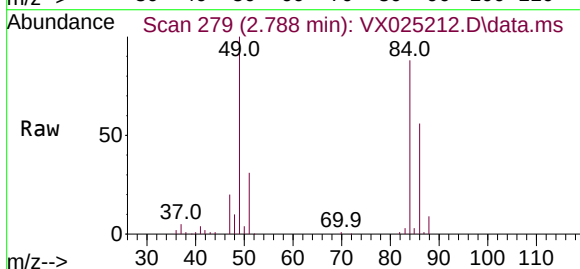
Instrument :
MSVOA_X
ClientSampleId :

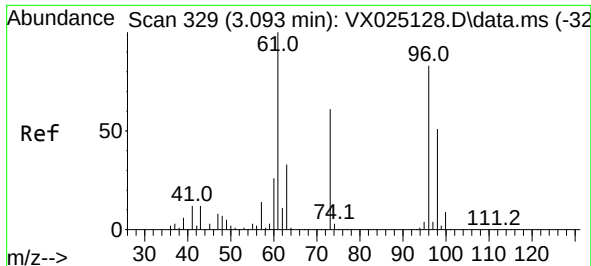
Tgt Ion: 43 Resp: 58206
Ion Ratio Lower Upper
43 100
74 24.7 28.6 42.8#



#16
Methylene chloride
Concen: 44.207 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

Tgt Ion: 84 Resp: 54938
Ion Ratio Lower Upper
84 100
86 63.6 44.4 82.5
49 113.6 64.0 118.8

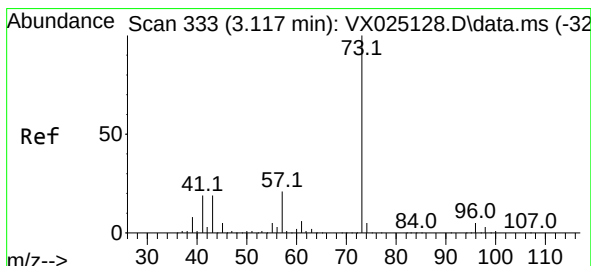
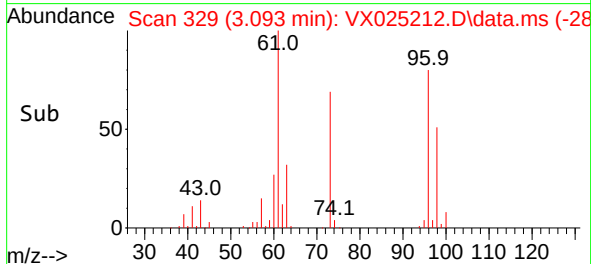
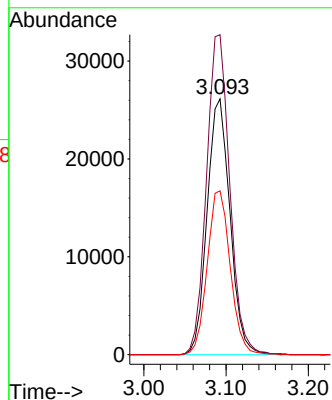
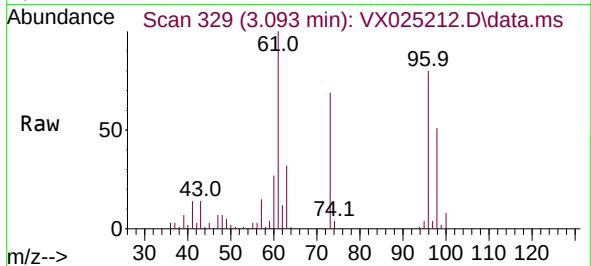




#17
trans-1,2-Dichloroethene
Concen: 41.540 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

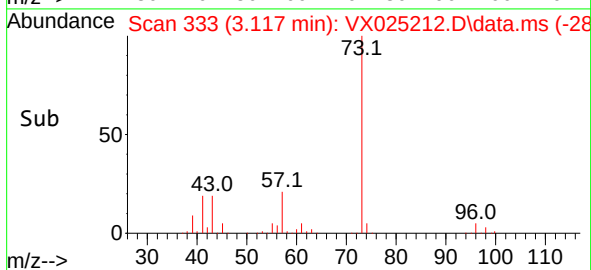
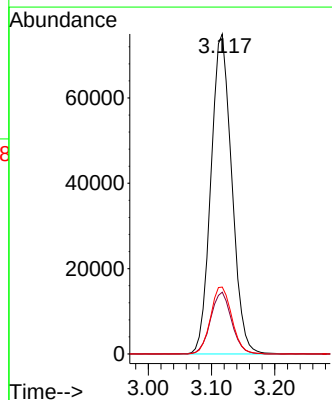
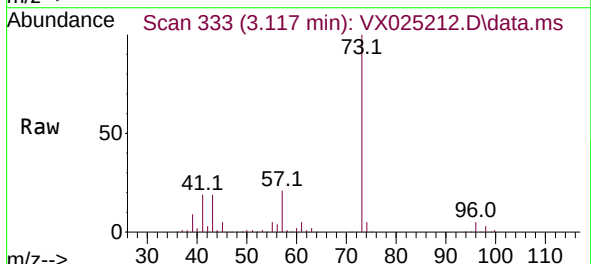
Instrument :
MSVOA_X
ClientSampleId :

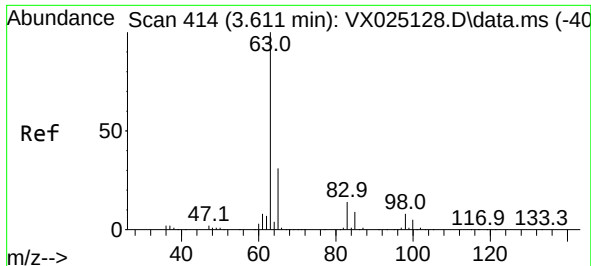
Tgt Ion: 96 Resp: 50682
Ion Ratio Lower Upper
96 100
61 125.1 99.4 184.6
98 64.0 47.0 87.2



#18
Methyl tert-butyl Ether
Concen: 44.904 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

Tgt Ion: 73 Resp: 171241
Ion Ratio Lower Upper
73 100
43 19.6 12.4 18.6#
57 21.4 13.2 19.8#





#19

1,1-Dichloroethane

Concen: 44.015 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

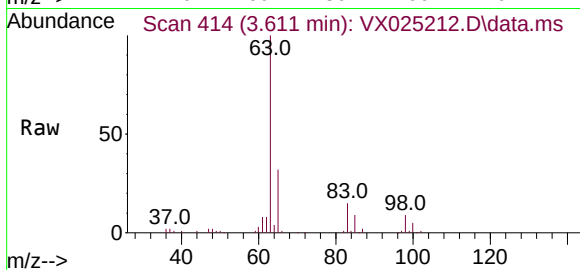
Lab File: VX025212.D

Acq: 18 Nov 2021 14:58

Instrument :

MSVOA_X

ClientSampleId :



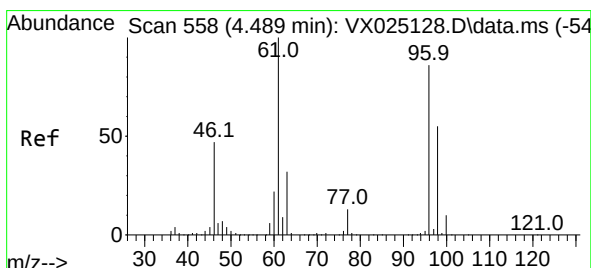
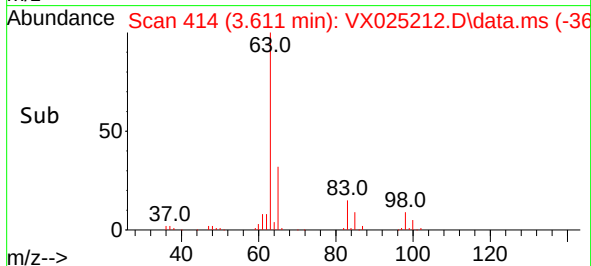
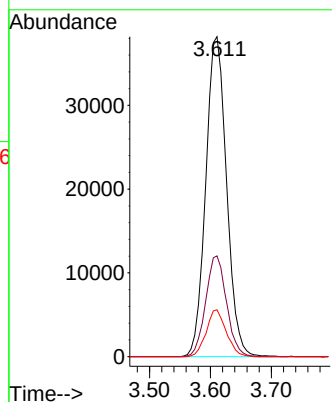
Tgt Ion: 63 Resp: 90839

Ion Ratio Lower Upper

63 100

65 31.5 24.5 45.5

83 14.6 11.7 21.7



#20

cis-1,2-Dichloroethene

Concen: 43.934 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX025212.D

Acq: 18 Nov 2021 14:58

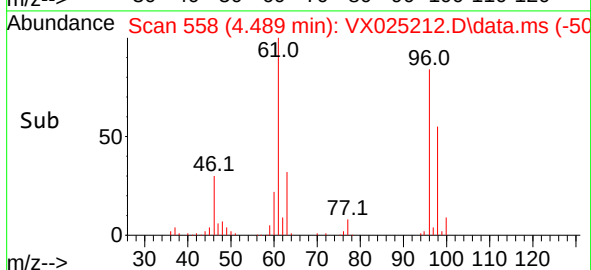
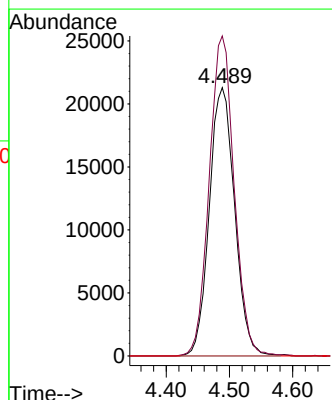
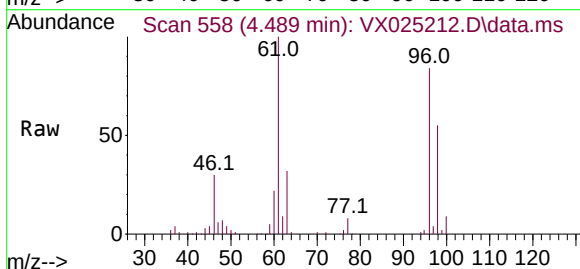
Tgt Ion: 96 Resp: 59308

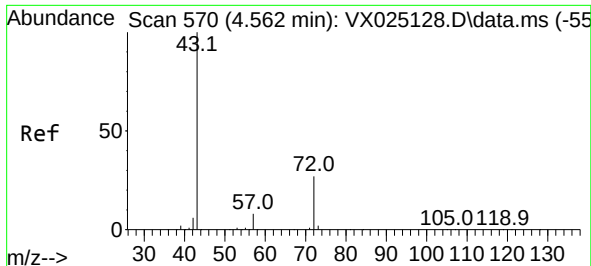
Ion Ratio Lower Upper

96 100

61 119.2 82.6 153.4

68 0.0 0.0 0.0

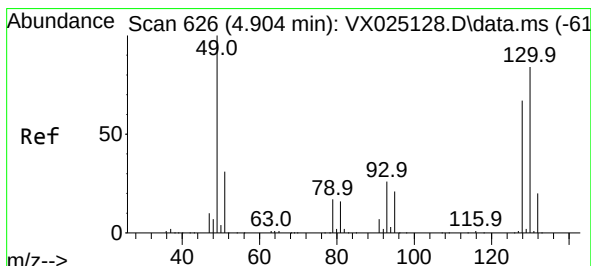
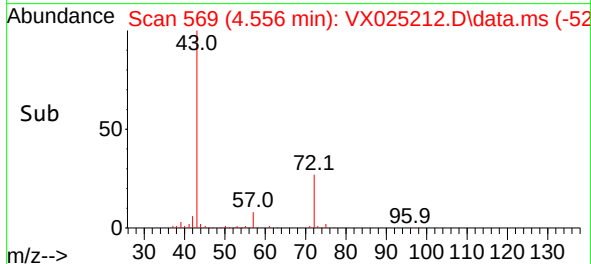
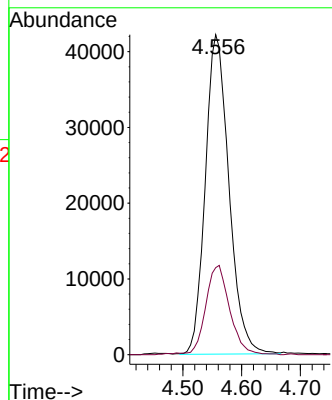
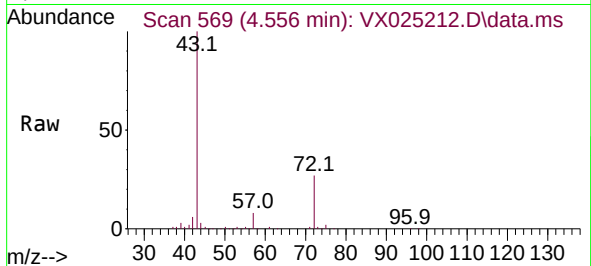




#22
2-Butanone
Concen: 104.980 ug/L
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

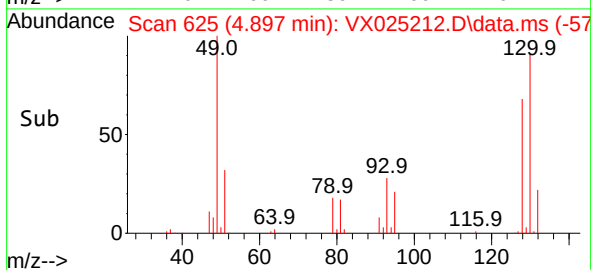
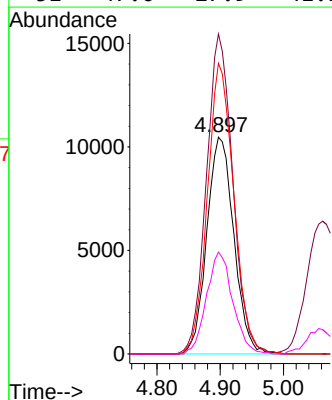
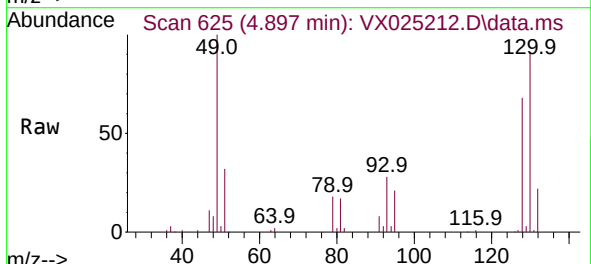
Instrument :
MSVOA_X
ClientSampleId :

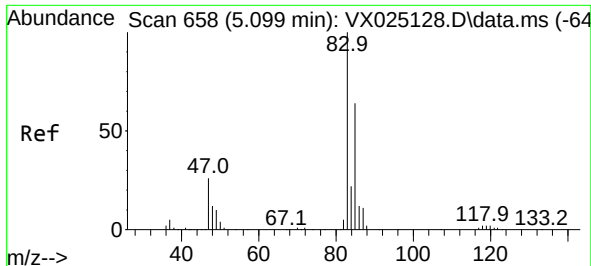
Tgt Ion: 43 Resp: 117918
Ion Ratio Lower Upper
43 100
72 28.2 18.4 55.0



#23
Bromochloromethane
Concen: 44.689 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

Tgt Ion:128 Resp: 31059
Ion Ratio Lower Upper
128 100
49 147.6 71.5 132.7#
130 134.0 84.3 156.5
51 47.0 27.9 41.9#





#25

Chloroform

Concen: 46.290 ug/L

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX025212.D

Acq: 18 Nov 2021 14:58

Instrument :

MSVOA_X

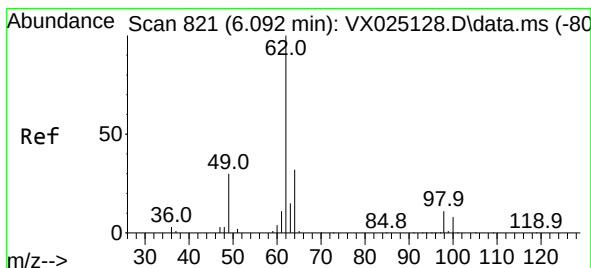
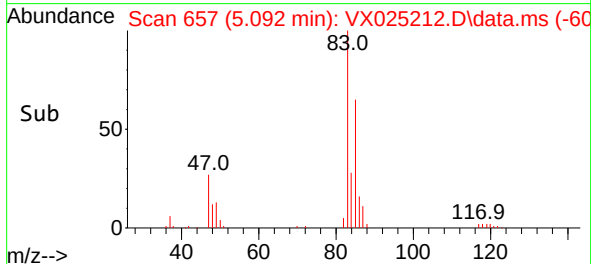
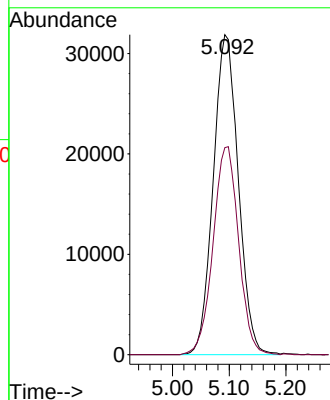
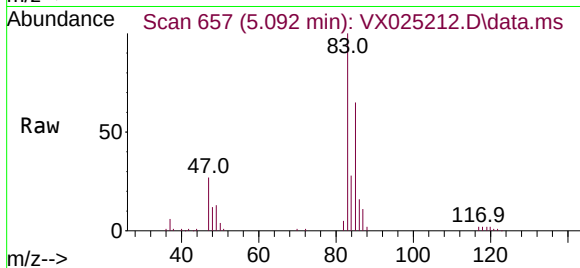
ClientSampleId :

Tgt Ion: 83 Resp: 97919

Ion Ratio Lower Upper

83 100

85 64.7 46.3 86.1



#27

1,2-Dichloroethane

Concen: 46.938 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX025212.D

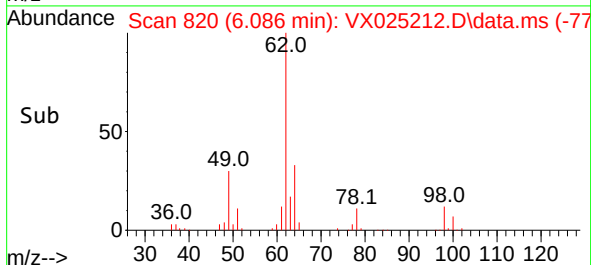
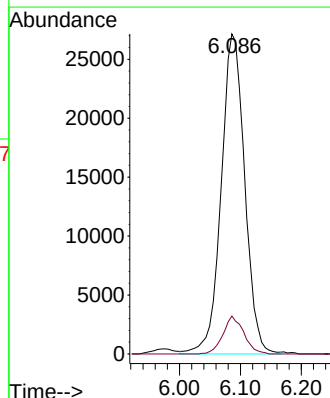
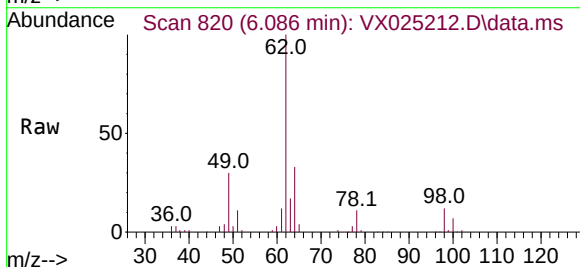
Acq: 18 Nov 2021 14:58

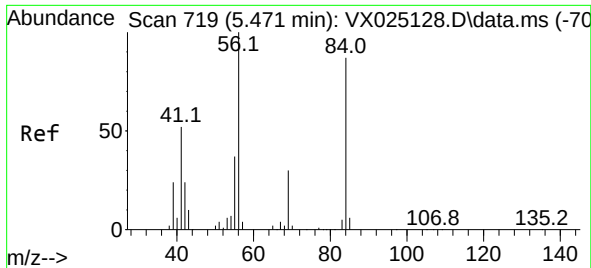
Tgt Ion: 62 Resp: 72799

Ion Ratio Lower Upper

62 100

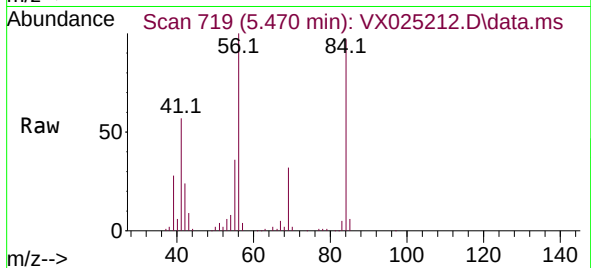
98 11.9 5.5 8.3#



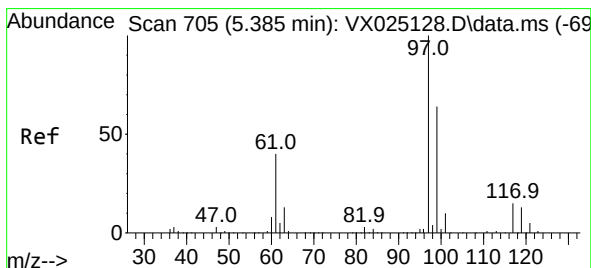
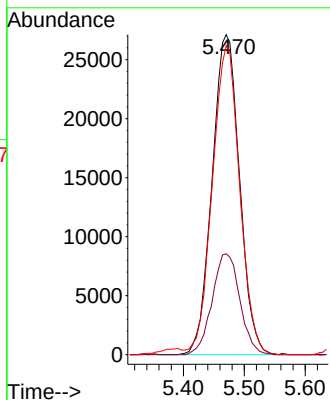
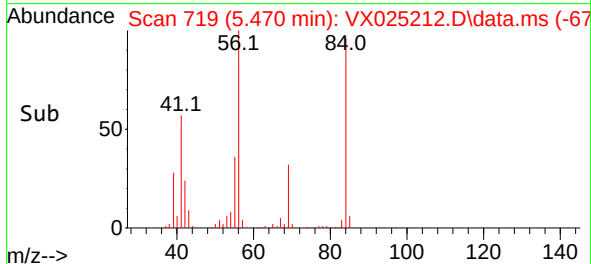


#29
Cyclohexane
Concen: 40.701 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

Instrument :
MSVOA_X
ClientSampleId :

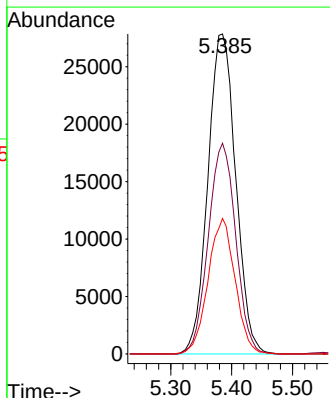
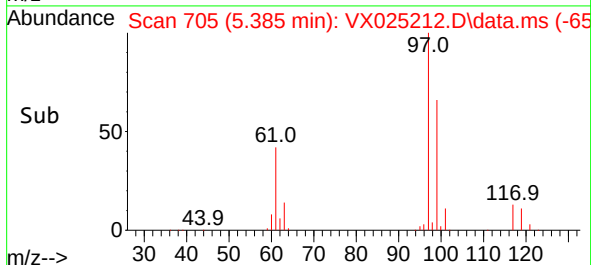
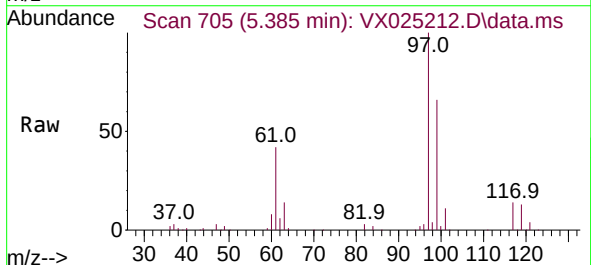


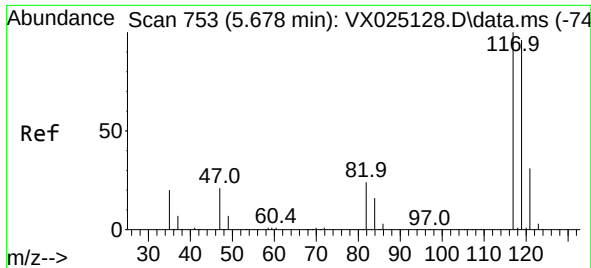
Tgt Ion: 56 Resp: 84768
Ion Ratio Lower Upper
56 100
69 31.8 30.8 46.2
84 96.1 86.8 130.2



#30
1,1,1-Trichloroethane
Concen: 44.224 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

Tgt Ion: 97 Resp: 88592
Ion Ratio Lower Upper
97 100
99 64.8 53.1 79.7
61 41.1 26.3 39.5

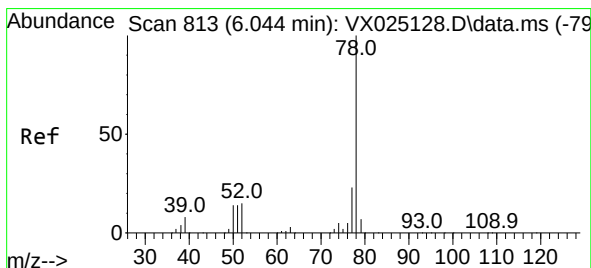
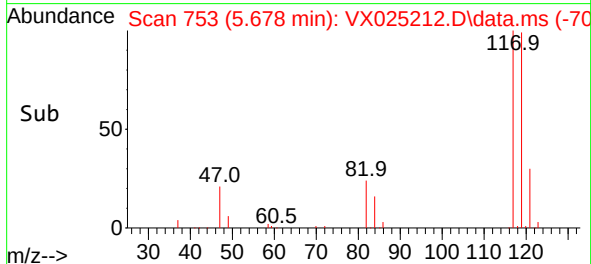
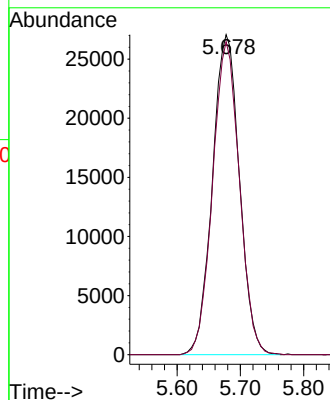
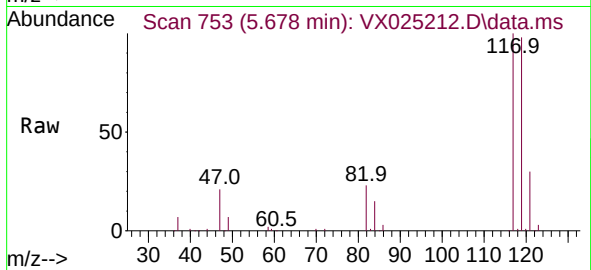




#31
Carbon tetrachloride
Concen: 45.360 ug/L
RT: 5.678 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

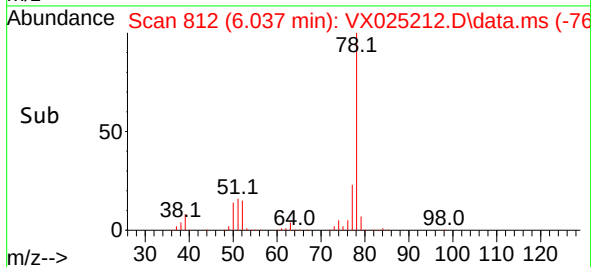
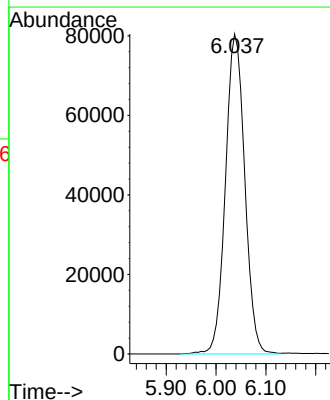
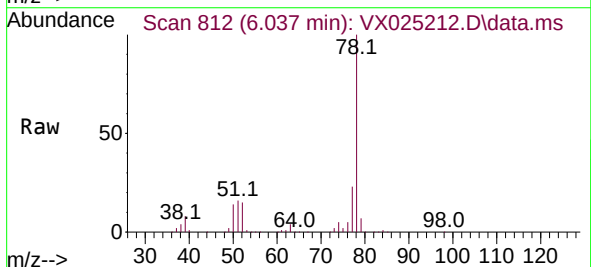
Instrument :
MSVOA_X
ClientSampleId :

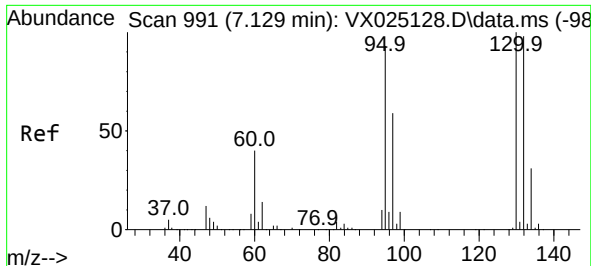
Tgt Ion:117 Resp: 80237
Ion Ratio Lower Upper
117 100
119 96.8 76.0 114.0



#33
Benzene
Concen: 43.224 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

Tgt Ion: 78 Resp: 216492

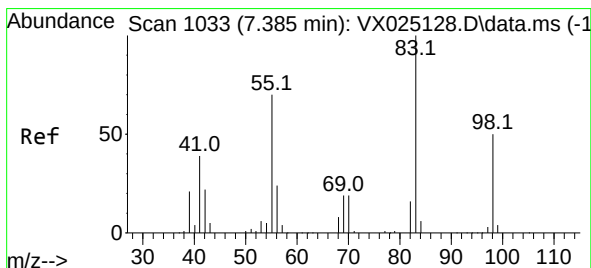
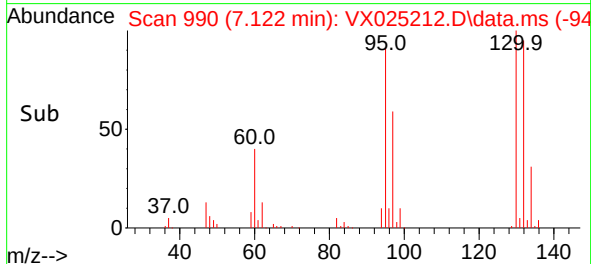
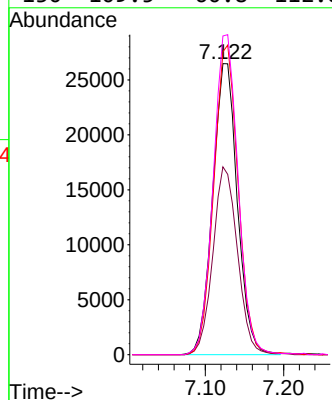
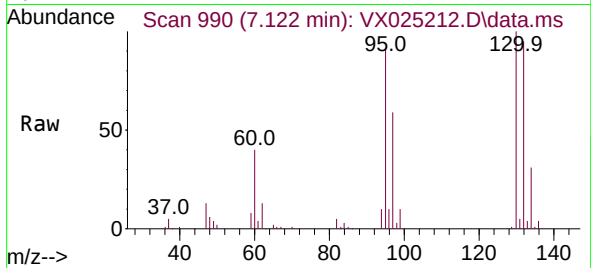




#34
Trichloroethene
Concen: 44.441 ug/L
RT: 7.122 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

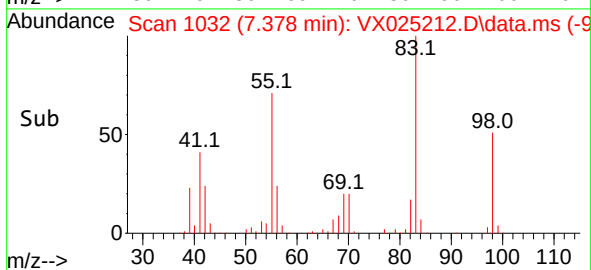
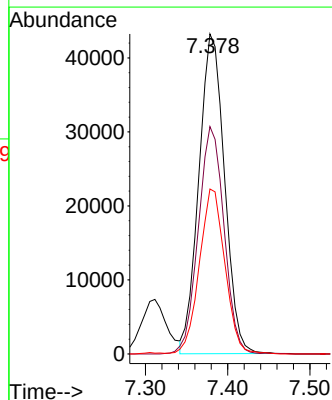
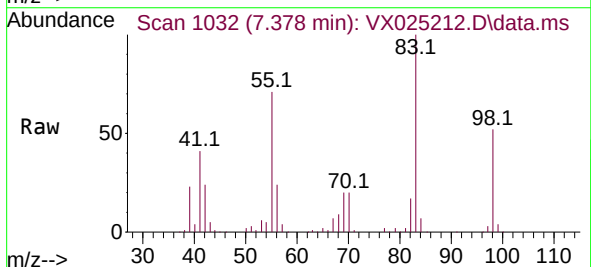
Instrument :
MSVOA_X
ClientSampleId :

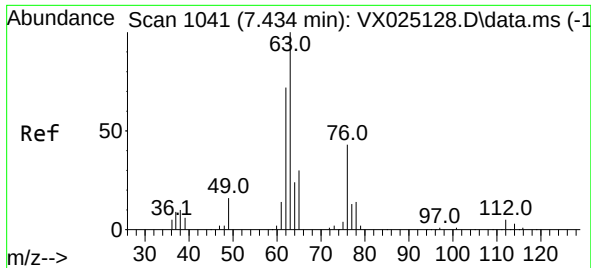
Tgt Ion: 95 Resp: 58165
Ion Ratio Lower Upper
95 100
97 64.6 44.2 82.2
132 104.1 60.1 111.5
130 109.5 60.8 112.8



#35
Methylcyclohexane
Concen: 42.335 ug/L
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

Tgt Ion: 83 Resp: 93699
Ion Ratio Lower Upper
83 100
55 71.2 52.6 79.0
98 51.5 37.9 56.9





#37

1,2-Dichloropropane

Concen: 44.006 ug/L

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX025212.D

Acq: 18 Nov 2021 14:58

Instrument :

MSVOA_X

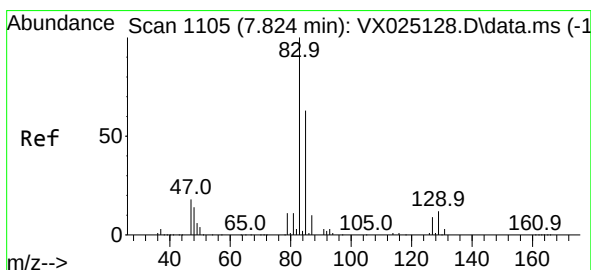
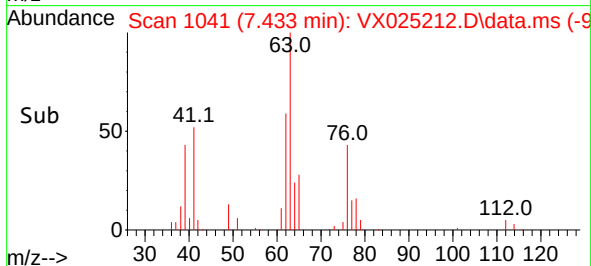
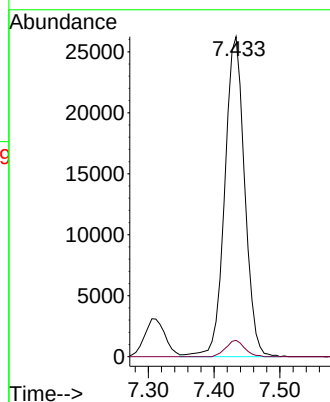
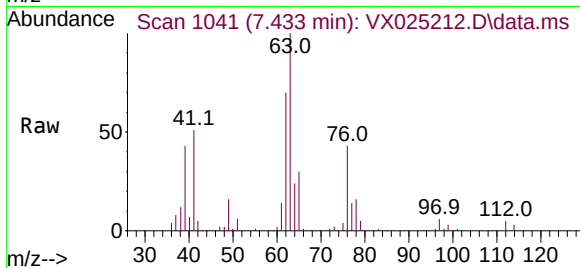
ClientSampleId :

Tgt Ion: 63 Resp: 55213

Ion Ratio Lower Upper

63 100

112 4.8 4.0 6.0



#38

Bromodichloromethane

Concen: 44.174 ug/L

RT: 7.823 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX025212.D

Acq: 18 Nov 2021 14:58

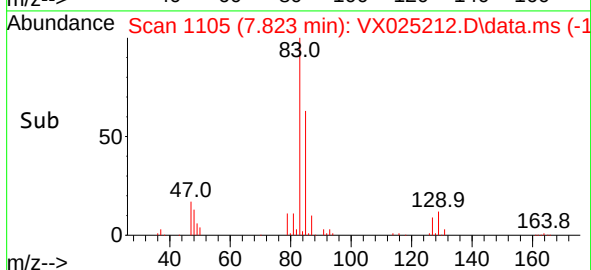
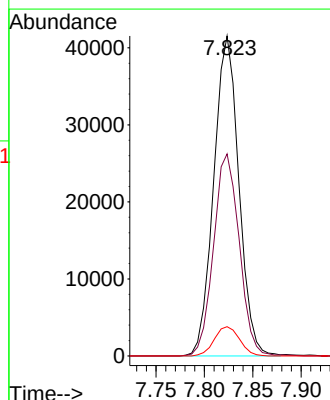
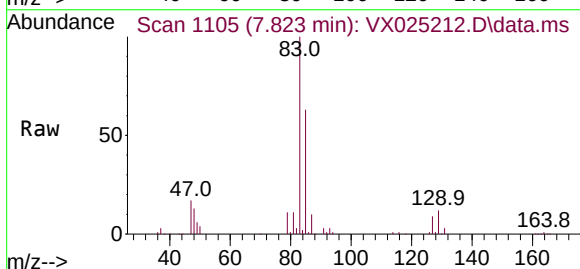
Tgt Ion: 83 Resp: 75003

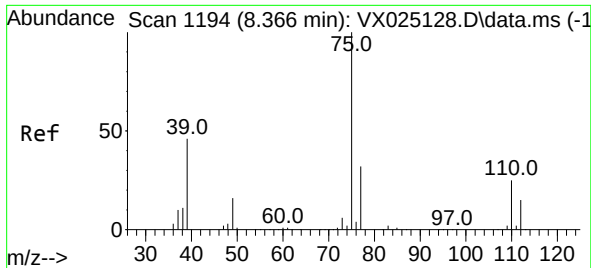
Ion Ratio Lower Upper

83 100

85 63.1 46.8 87.0

127 9.2 8.2 12.2





#39

cis-1,3-Dichloropropene

Concen: 42.839 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX025212.D

Acq: 18 Nov 2021 14:58

Instrument :

MSVOA_X

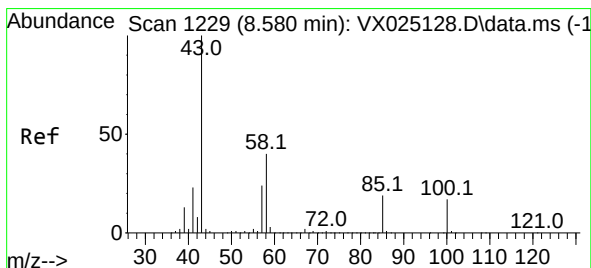
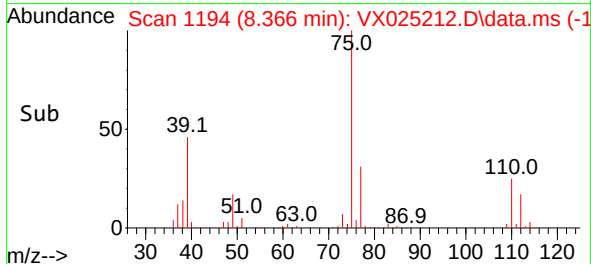
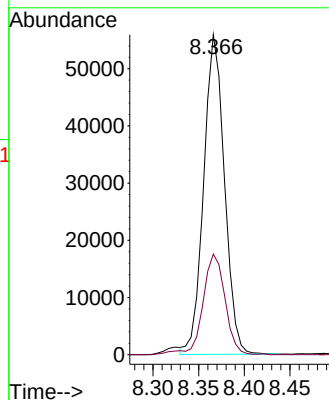
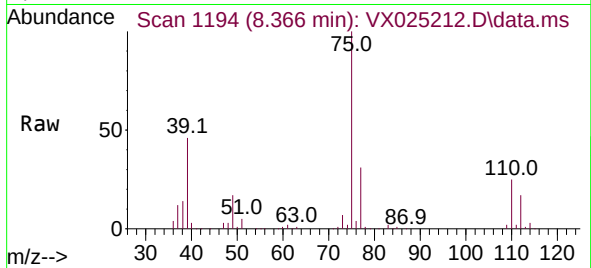
ClientSampleId :

Tgt Ion: 75 Resp: 88255

Ion Ratio Lower Upper

75 100

77 31.5 23.1 42.9



#40

4-Methyl-2-pentanone

Concen: 85.985 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX025212.D

Acq: 18 Nov 2021 14:58

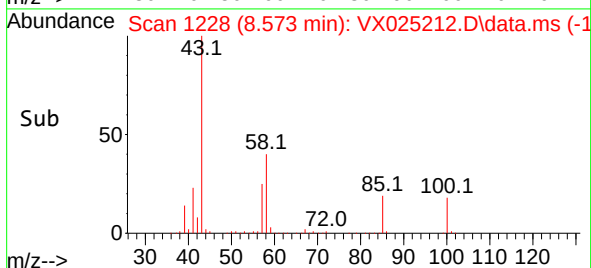
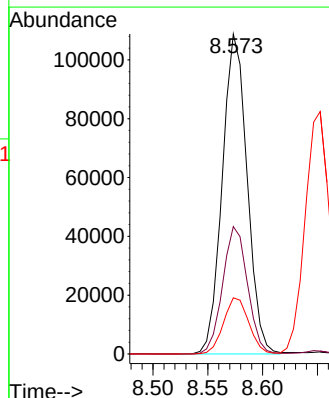
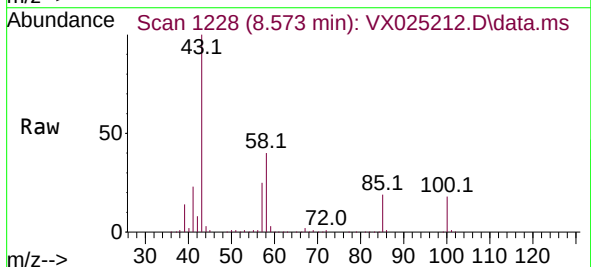
Tgt Ion: 43 Resp: 171458

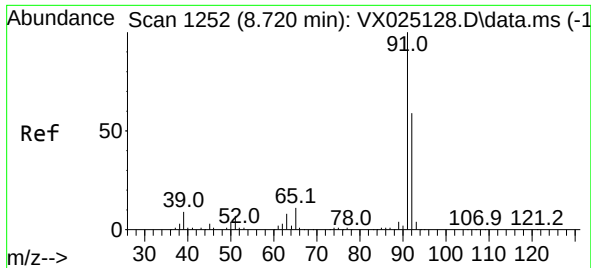
Ion Ratio Lower Upper

43 100

58 39.8 41.3 61.9#

100 17.9 19.6 29.4#





#42

Toluene

Concen: 43.762 ug/L

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025212.D

Acq: 18 Nov 2021 14:58

Instrument :

MSVOA_X

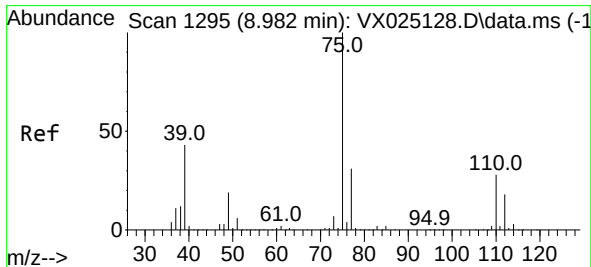
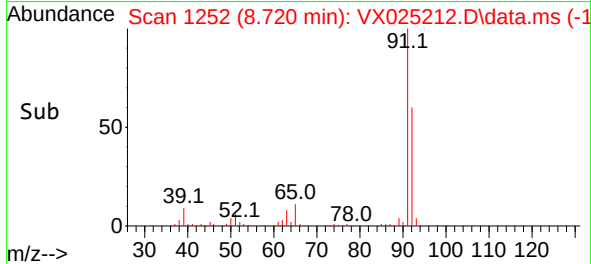
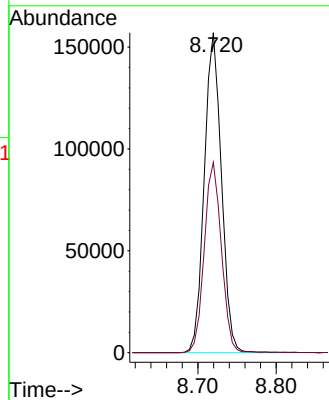
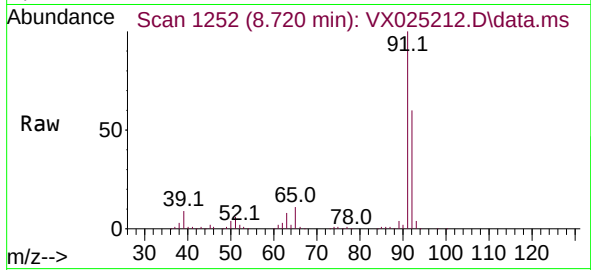
ClientSampleId :

Tgt Ion: 91 Resp: 238071

Ion Ratio Lower Upper

91 100

92 59.5 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 42.517 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX025212.D

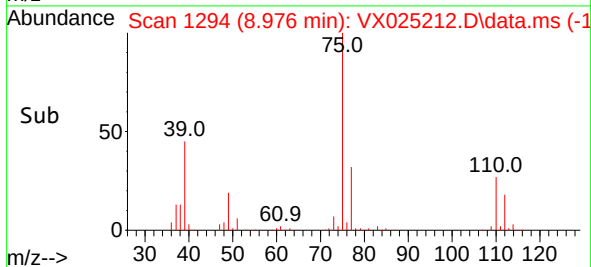
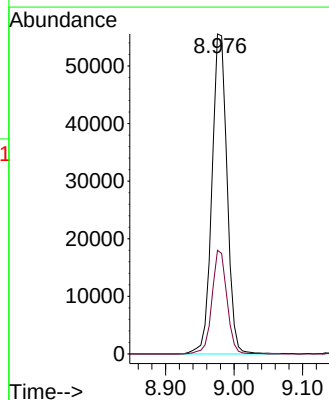
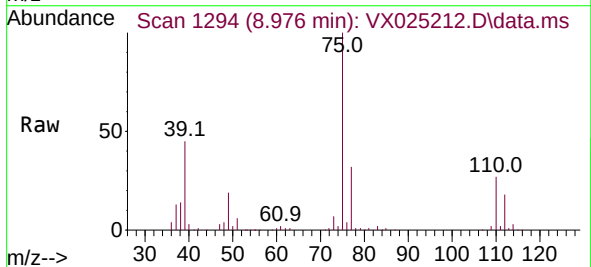
Acq: 18 Nov 2021 14:58

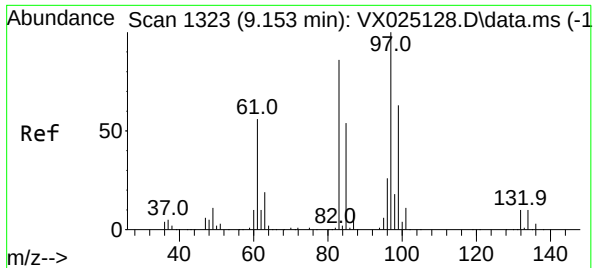
Tgt Ion: 75 Resp: 85248

Ion Ratio Lower Upper

75 100

77 32.4 23.4 43.6





#45

1,1,2-Trichloroethane

Concen: 44.477 ug/L

RT: 9.152 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX025212.D

Acq: 18 Nov 2021 14:58

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 56350

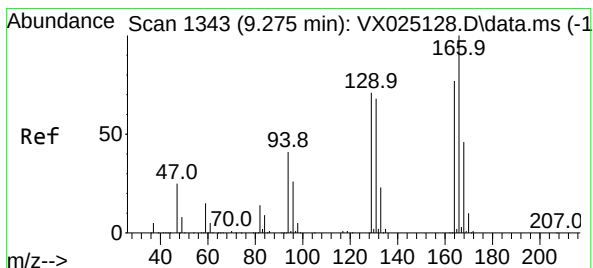
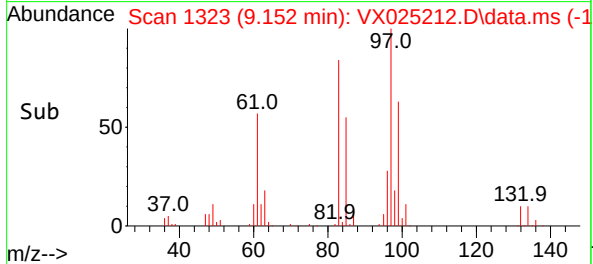
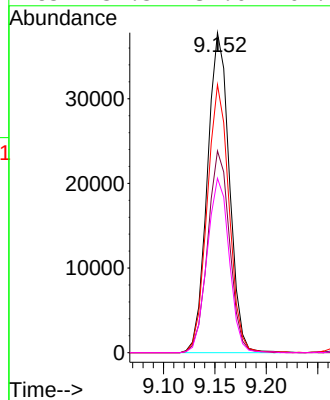
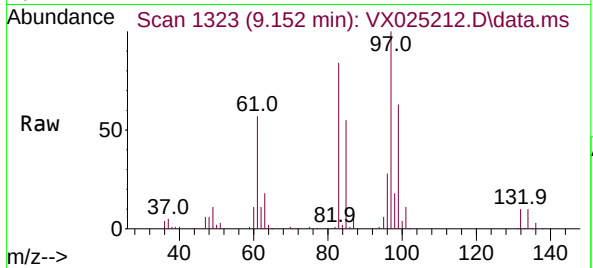
Ion Ratio Lower Upper

97 100

99 63.1 43.5 80.7

83 83.7 58.2 108.0

85 54.5 37.6 69.8



#46

Tetrachloroethene

Concen: 45.085 ug/L

RT: 9.274 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX025212.D

Acq: 18 Nov 2021 14:58

Tgt Ion:164 Resp: 49233

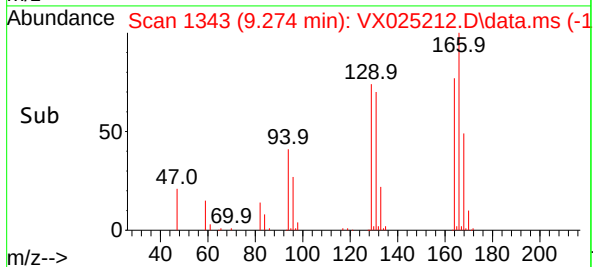
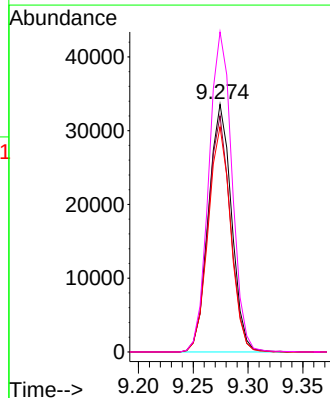
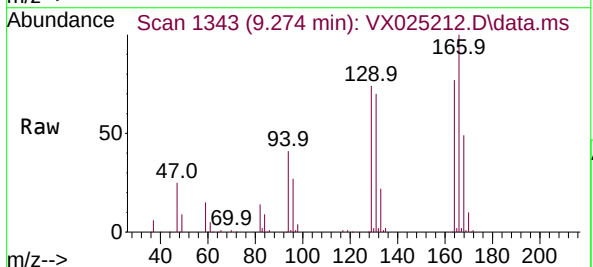
Ion Ratio Lower Upper

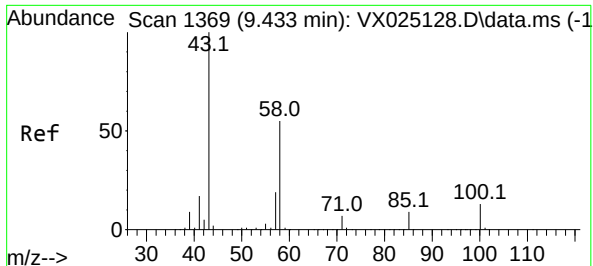
164 100

129 95.4 78.5 145.7

131 90.9 70.5 130.9

166 129.2 88.3 164.1





#48

2-Hexanone

Concen: 97.075 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX025212.D

Acq: 18 Nov 2021 14:58

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 158667

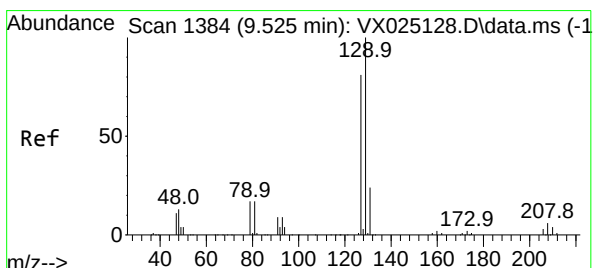
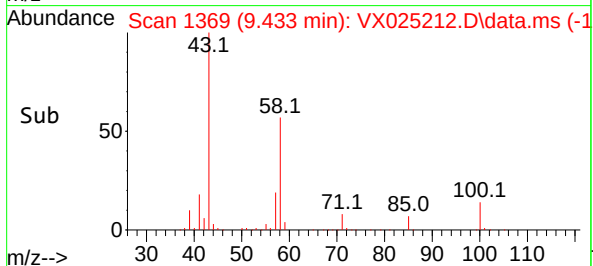
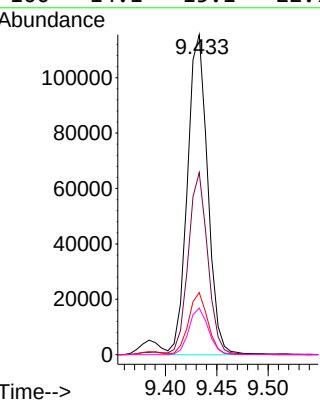
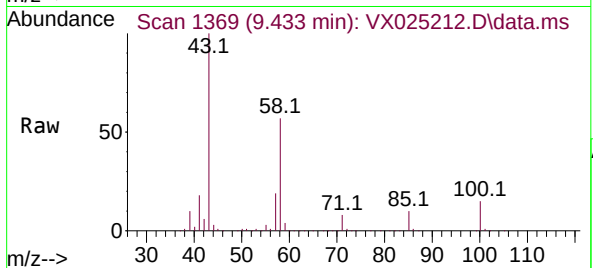
Ion Ratio Lower Upper

43 100

58 55.0 56.0 84.0#

57 18.6 20.4 30.6#

100 14.1 15.1 22.7#



#49

Dibromochloromethane

Concen: 45.690 ug/L

RT: 9.524 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX025212.D

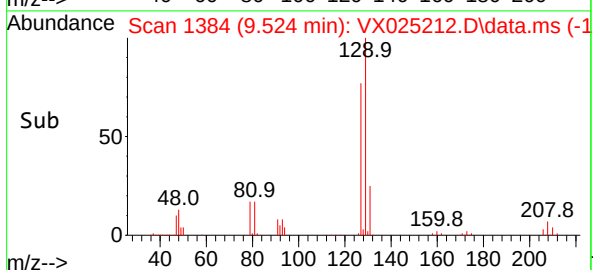
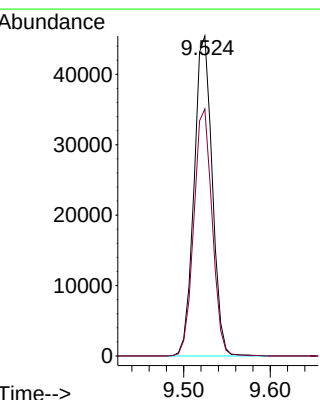
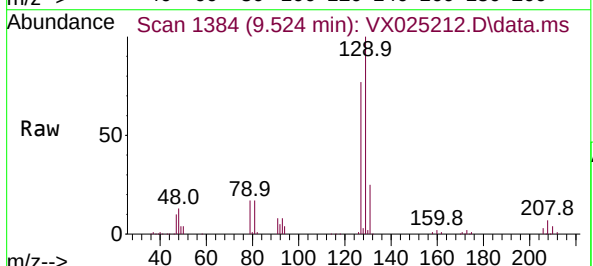
Acq: 18 Nov 2021 14:58

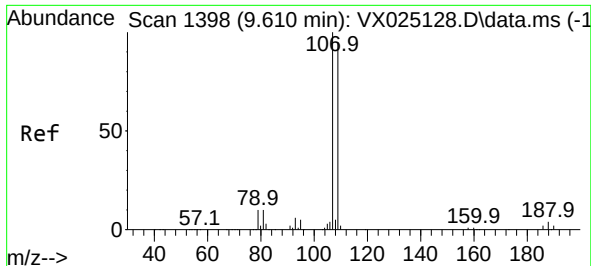
Tgt Ion:129 Resp: 66081

Ion Ratio Lower Upper

129 100

127 77.2 54.1 100.5





#50

1,2-Dibromoethane

Concen: 45.102 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX025212.D

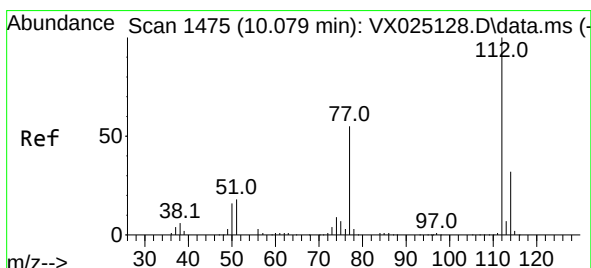
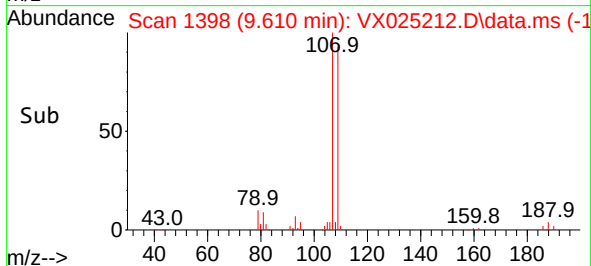
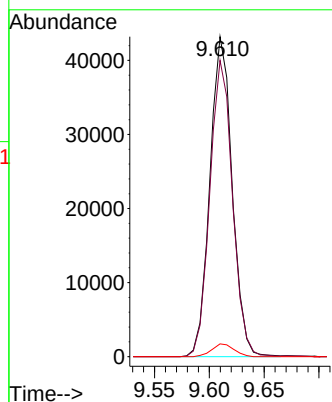
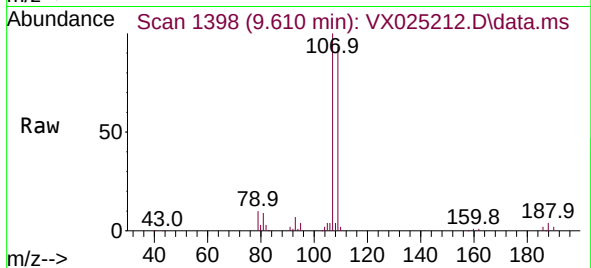
Acq: 18 Nov 2021 14:58

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	61155
Ion	Ratio	Lower Upper
107	100	
109	92.6	63.8 118.6
188	4.0	2.2 3.2#



#51

Chlorobenzene

Concen: 45.629 ug/L

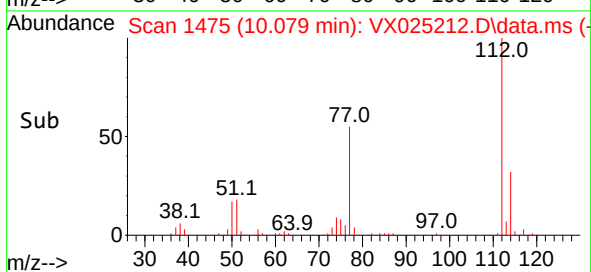
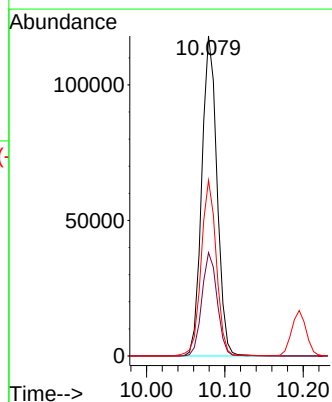
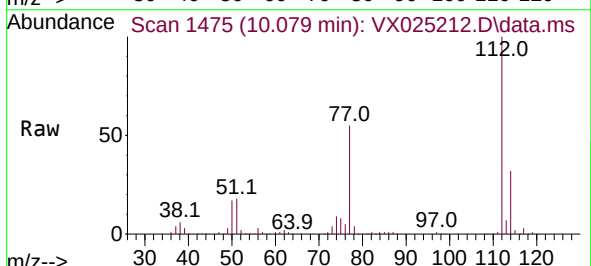
RT: 10.079 min Scan# 1475

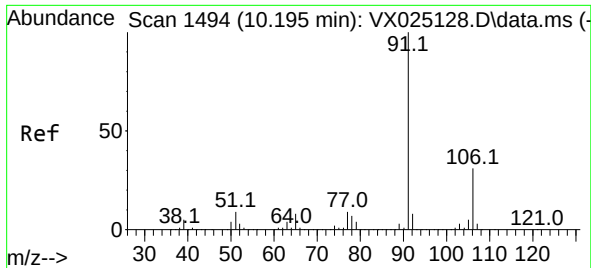
Delta R.T. -0.000 min

Lab File: VX025212.D

Acq: 18 Nov 2021 14:58

Tgt Ion:112	Resp:	159497
Ion	Ratio	Lower Upper
112	100	
114	32.3	22.7 42.3
77	54.9	46.8 70.2

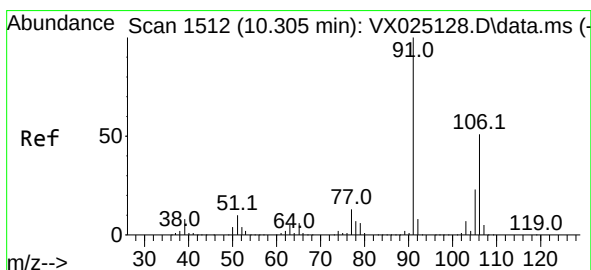
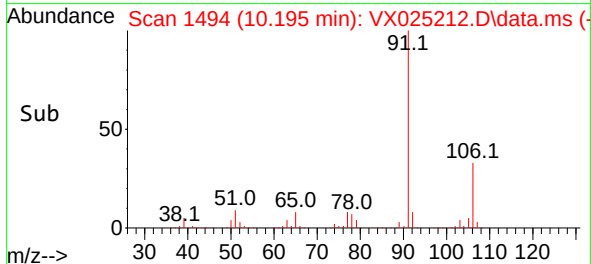
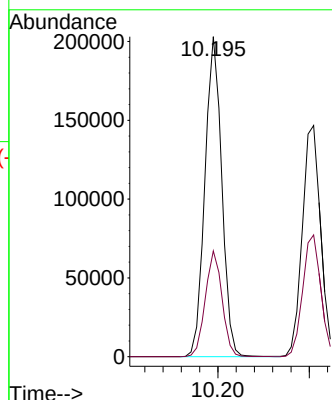
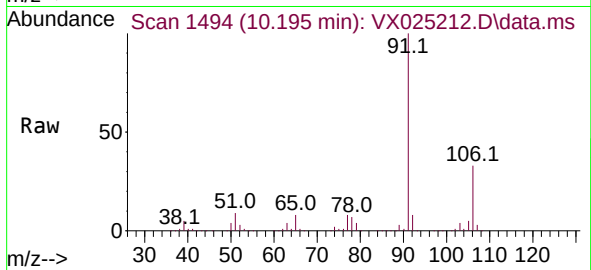




#52
Ethylbenzene
Concen: 44.332 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

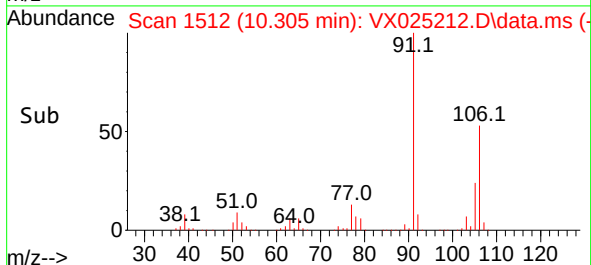
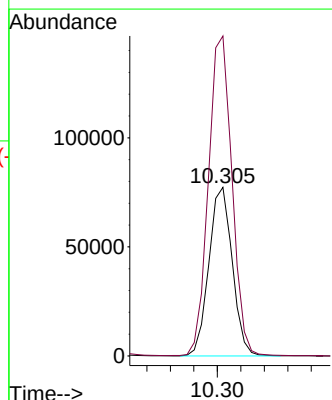
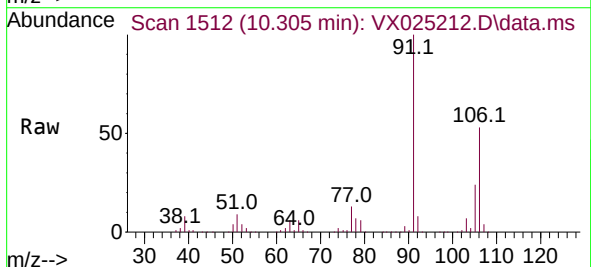
Instrument :
MSVOA_X
ClientSampleId :

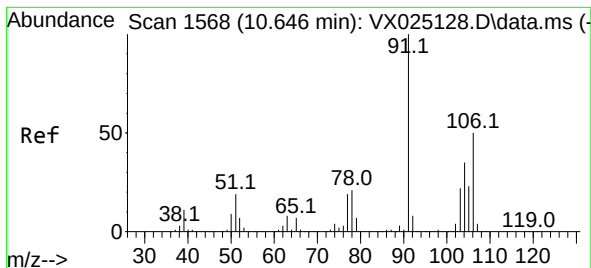
Tgt Ion: 91 Resp: 259242
Ion Ratio Lower Upper
91 100
106 33.1 20.2 37.6



#53
m,p-Xylene
Concen: 45.243 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

Tgt Ion: 106 Resp: 106965
Ion Ratio Lower Upper
106 100
91 189.8 160.2 297.6





#54

o-Xylene

Concen: 44.667 ug/L

RT: 10.646 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VX025212.D

Acq: 18 Nov 2021 14:58

Instrument :

MSVOA_X

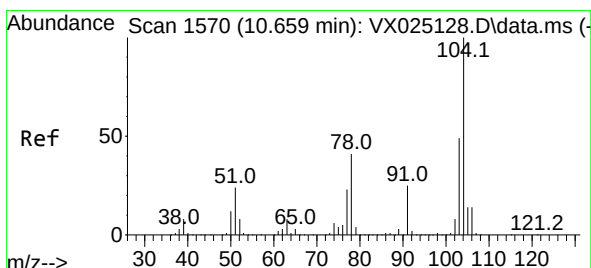
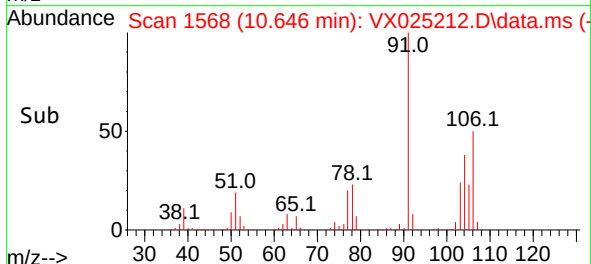
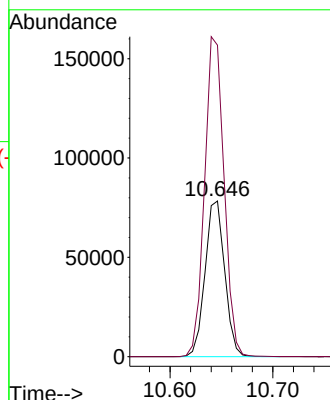
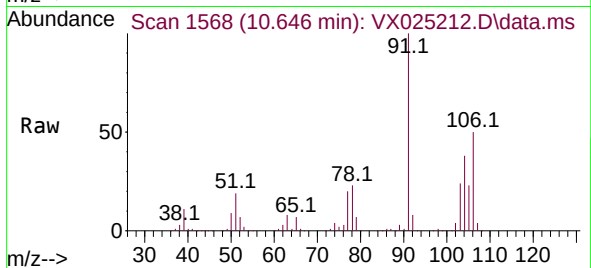
ClientSampleId :

Tgt Ion:106 Resp: 104208

Ion Ratio Lower Upper

106 100

91 200.1 164.4 305.4



#55

Styrene

Concen: 44.666 ug/L

RT: 10.658 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX025212.D

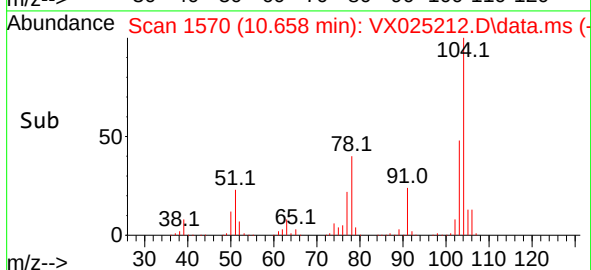
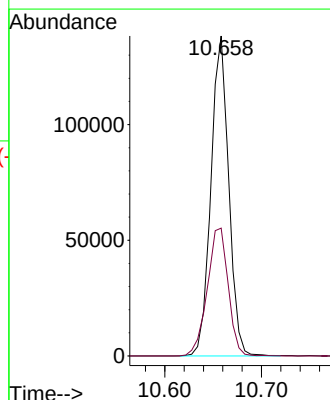
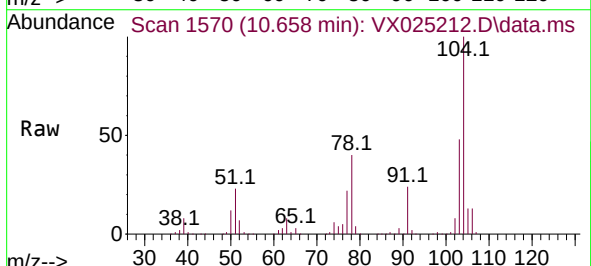
Acq: 18 Nov 2021 14:58

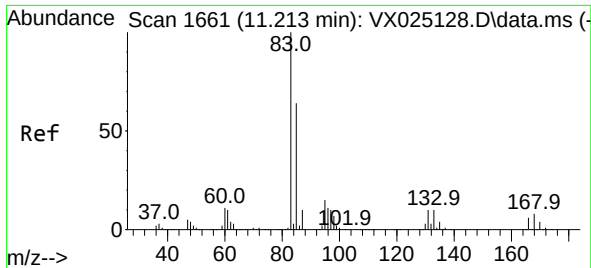
Tgt Ion:104 Resp: 176947

Ion Ratio Lower Upper

104 100

78 40.0 38.2 71.0

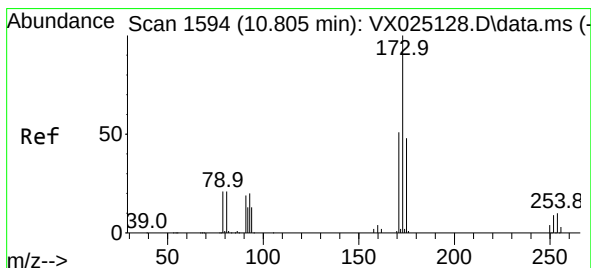
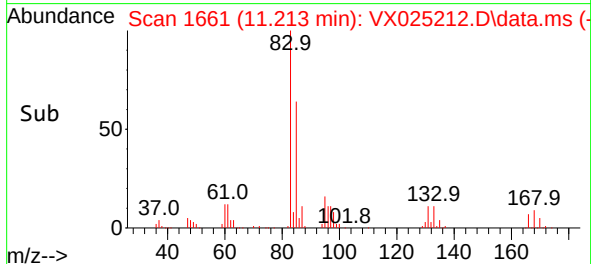
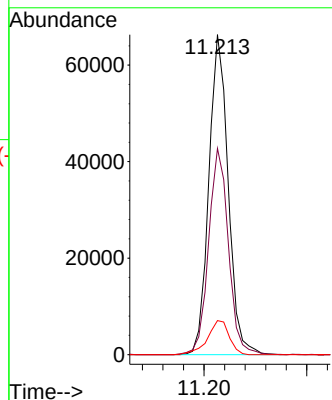
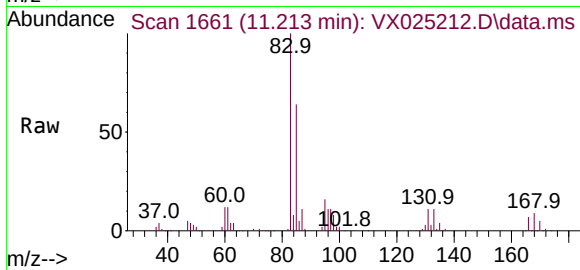




#57
1,1,2,2-Tetrachloroethane
Concen: 42.967 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

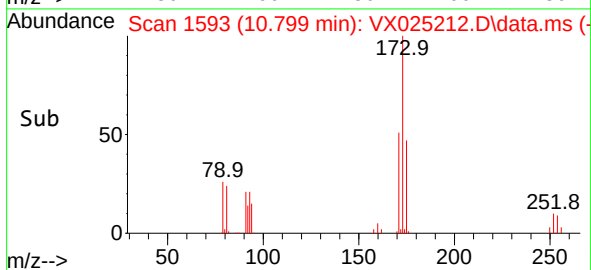
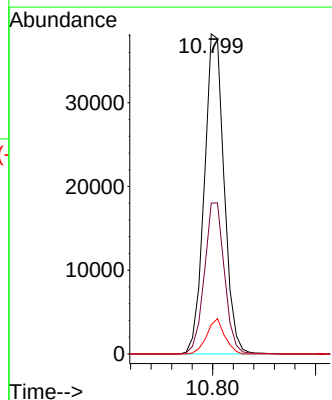
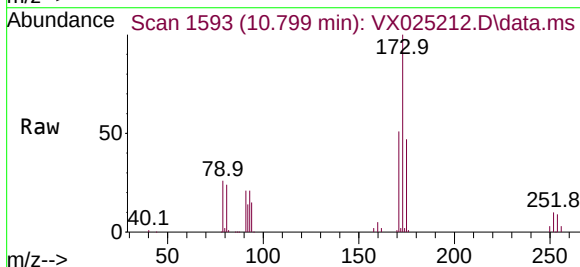
Instrument :
MSVOA_X
ClientSampleId :

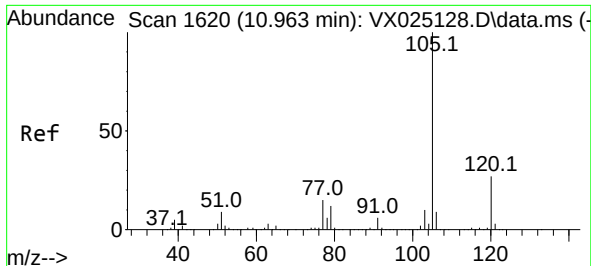
Tgt Ion: 83 Resp: 86428
Ion Ratio Lower Upper
83 100
85 64.4 46.9 87.1
131 10.6 8.7 13.1



#59
Bromoform
Concen: 45.214 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

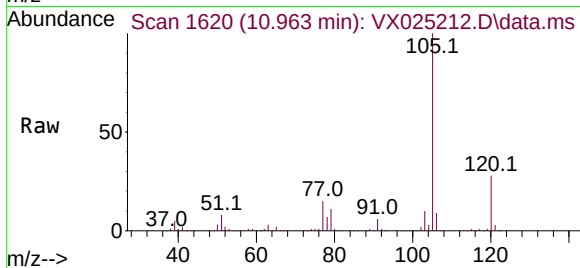
Tgt Ion:173 Resp: 51276
Ion Ratio Lower Upper
173 100
175 47.9 36.6 55.0
254 9.9 4.9 7.3#



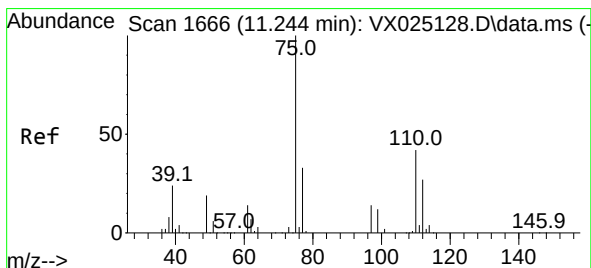
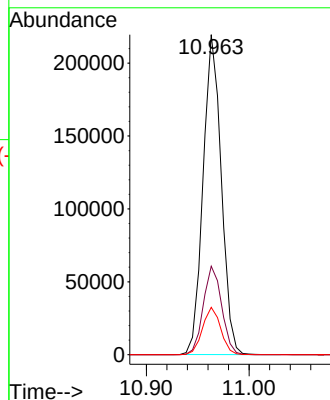
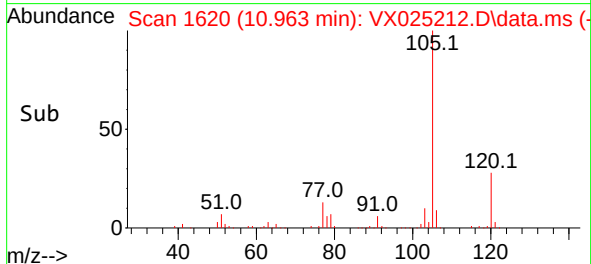


#60
Isopropylbenzene
Concen: 44.984 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

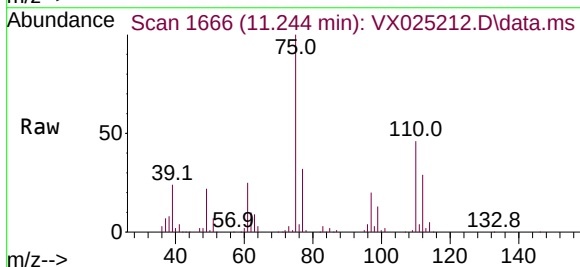
Instrument :
MSVOA_X
ClientSampleId :



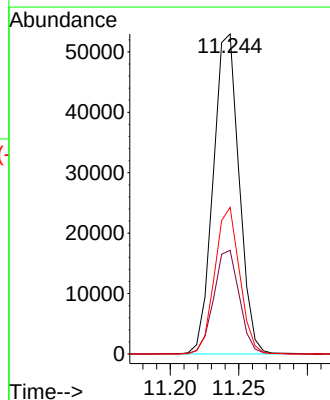
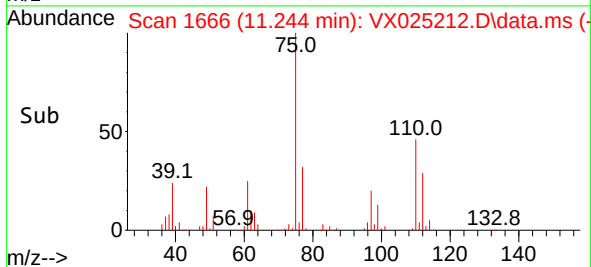
Tgt Ion:105 Resp: 269923
Ion Ratio Lower Upper
105 100
120 28.0 19.8 29.6
77 14.8 13.2 19.8

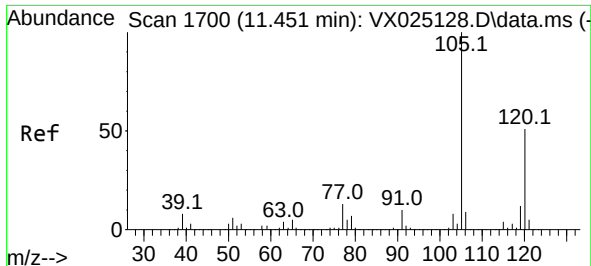


#61
1,2,3-Trichloropropane
Concen: 44.096 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58



Tgt Ion: 75 Resp: 69678
Ion Ratio Lower Upper
75 100
77 32.2 26.6 39.8
110 44.0 37.2 55.8

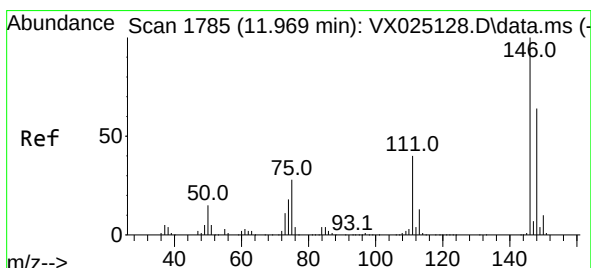
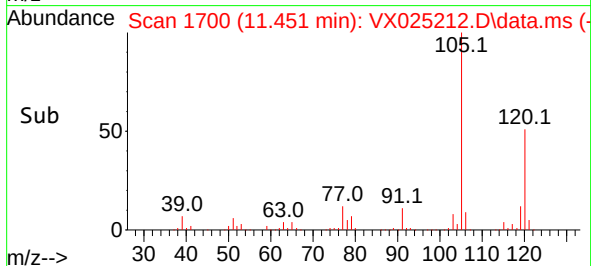
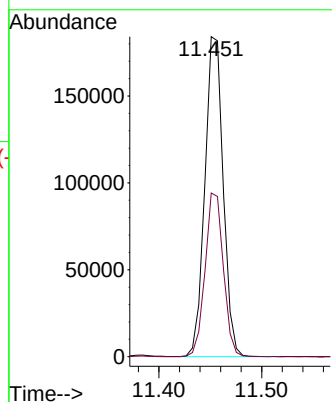
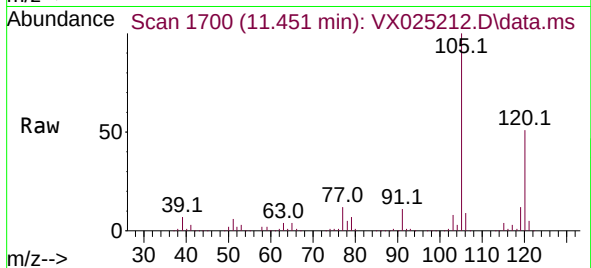




#62
1,3,5-Trimethylbenzene
Concen: 45.018 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

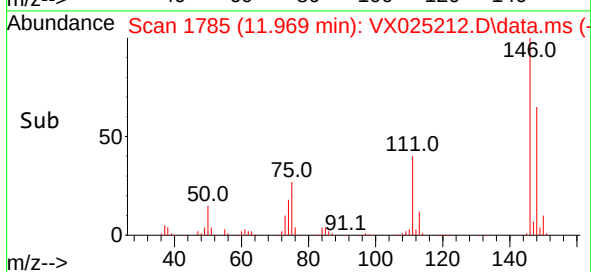
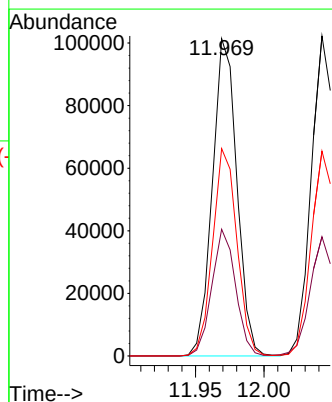
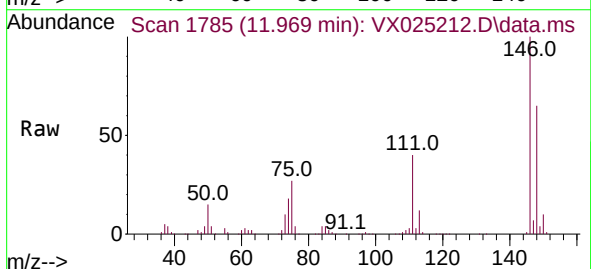
Instrument :
MSVOA_X
ClientSampleId :

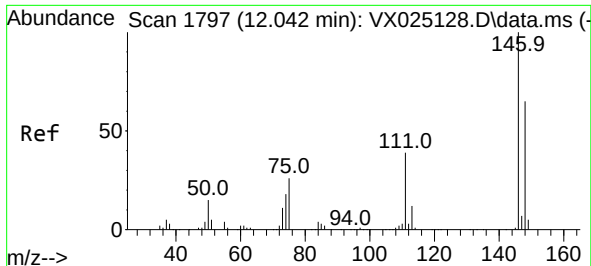
Tgt Ion:105 Resp: 229187
Ion Ratio Lower Upper
105 100
120 50.8 34.4 51.6



#64
1,3-Dichlorobenzene
Concen: 46.065 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

Tgt Ion:146 Resp: 126003
Ion Ratio Lower Upper
146 100
111 39.9 31.1 57.9
148 65.3 43.2 80.2

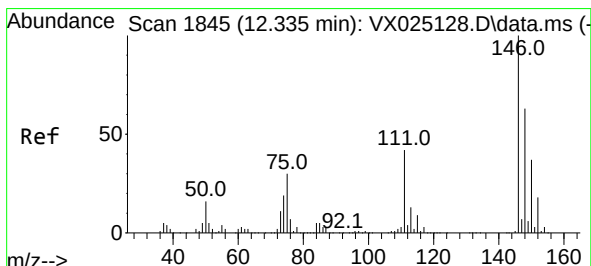
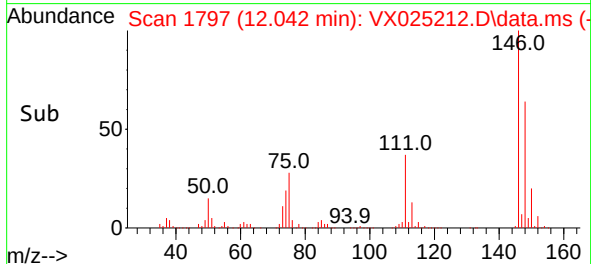
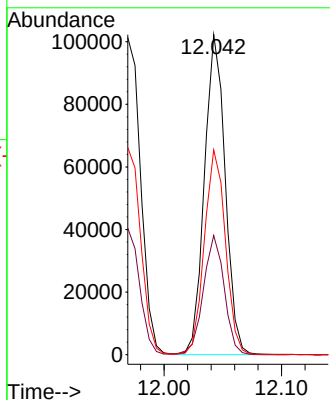
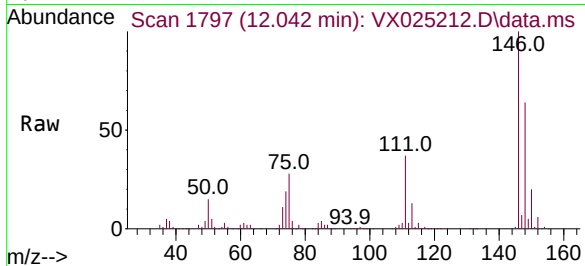




#65
1,4-Dichlorobenzene
Concen: 45.994 ug/L
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

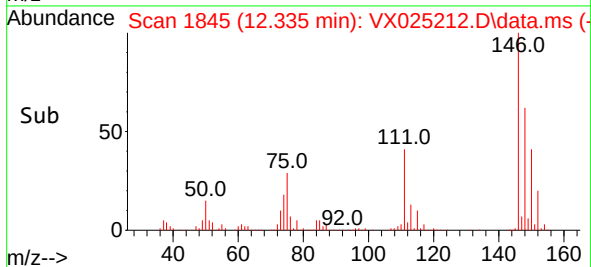
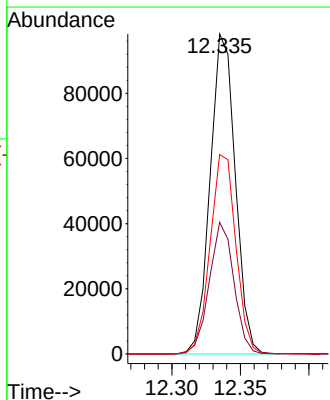
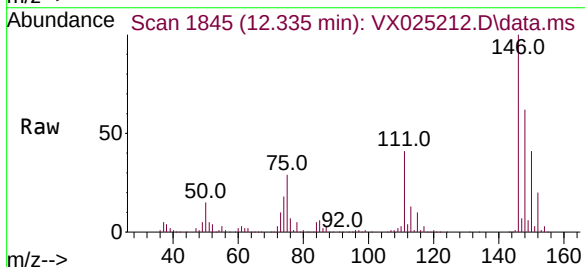
Instrument :
MSVOA_X
ClientSampleId :

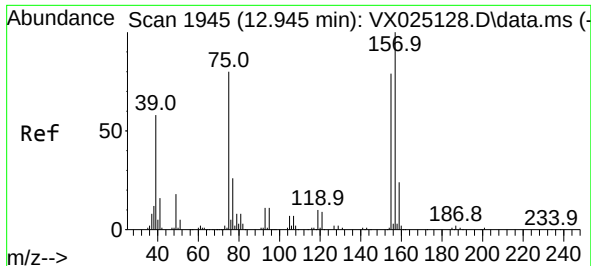
Tgt Ion:146 Resp: 125695
Ion Ratio Lower Upper
146 100
111 37.3 31.8 59.0
148 64.0 46.1 85.5



#67
1,2-Dichlorobenzene
Concen: 46.179 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

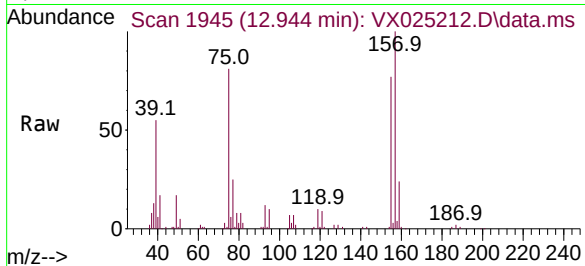
Tgt Ion:146 Resp: 125458
Ion Ratio Lower Upper
146 100
111 41.2 38.5 57.7
148 62.3 53.2 79.8



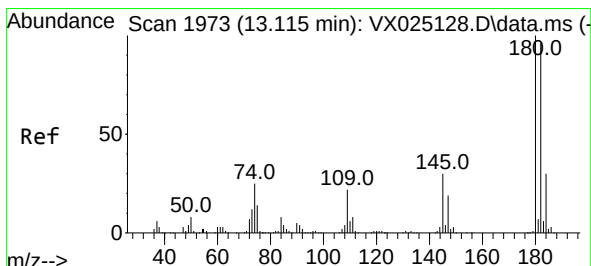
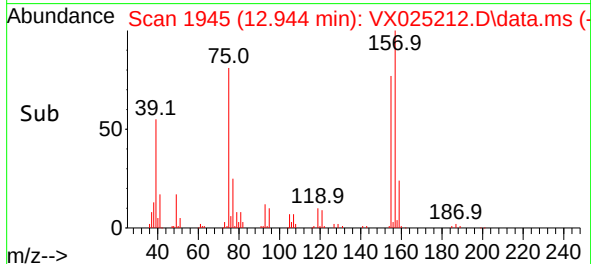
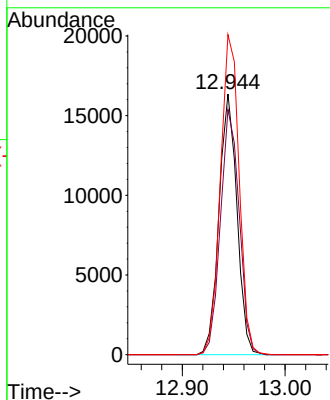


#68
 1,2-Dibromo-3-chloropropane
 Concen: 43.295 ug/L
 RT: 12.944 min Scan# 1945
 Delta R.T. -0.000 min
 Lab File: VX025212.D
 Acq: 18 Nov 2021 14:58

Instrument :
 MSVOA_X
 ClientSampleId :

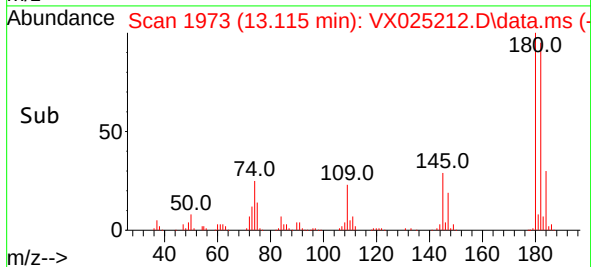
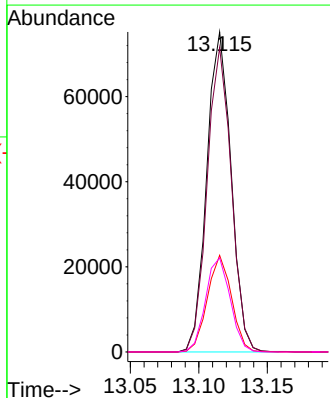
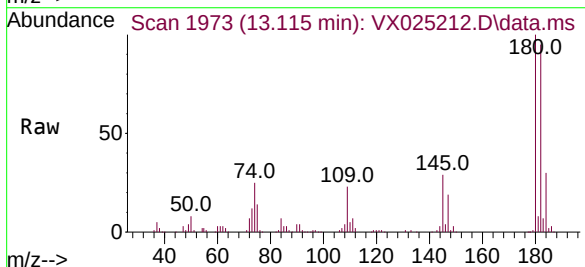


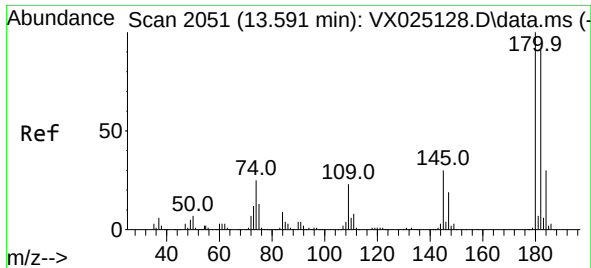
Tgt Ion: 75 Resp: 19786
 Ion Ratio Lower Upper
 75 100
 155 94.1 59.3 88.9#
 157 122.7 68.7 103.1#



#69
 1,3,5-Trichlorobenzene
 Concen: 46.817 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VX025212.D
 Acq: 18 Nov 2021 14:58

Tgt Ion: 180 Resp: 92647
 Ion Ratio Lower Upper
 180 100
 182 94.5 74.2 111.4
 184 30.0 23.7 35.5
 145 29.8 27.5 41.3

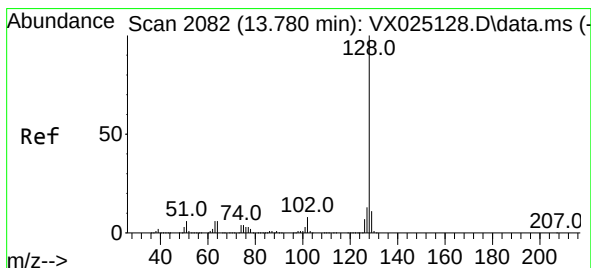
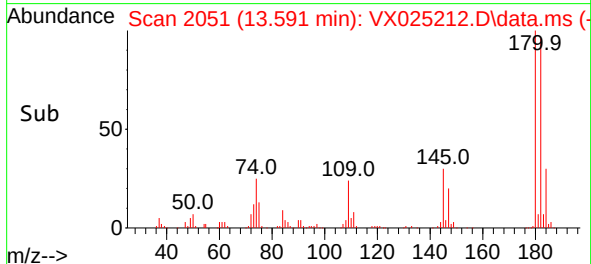
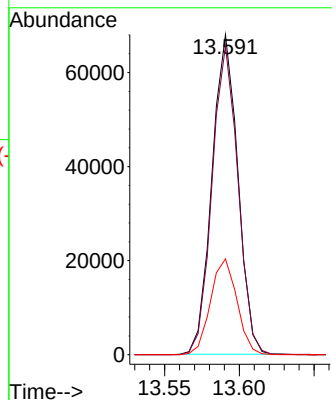
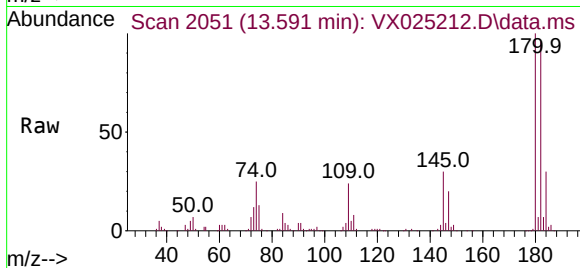




#70
1,2,4-trichlorobenzene
Concen: 47.315 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

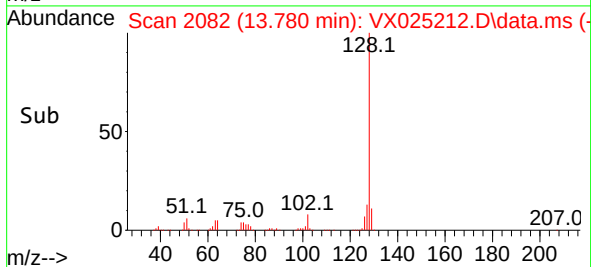
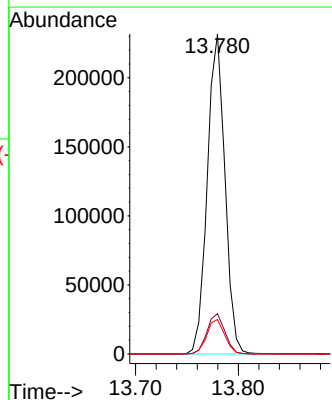
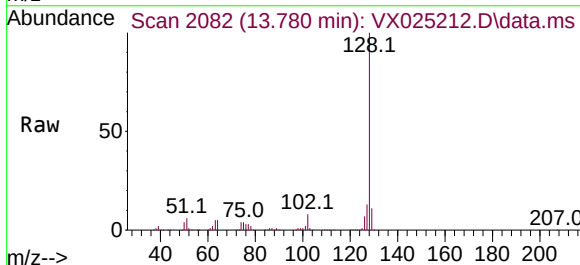
Instrument :
MSVOA_X
ClientSampleId :

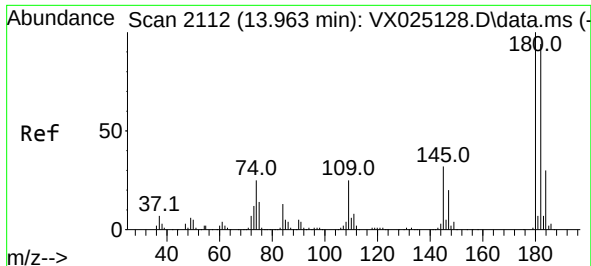
Tgt Ion:180 Resp: 81674
Ion Ratio Lower Upper
180 100
182 96.7 76.4 114.6
145 30.6 28.8 43.2



#71
Naphthalene
Concen: 47.206 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025212.D
Acq: 18 Nov 2021 14:58

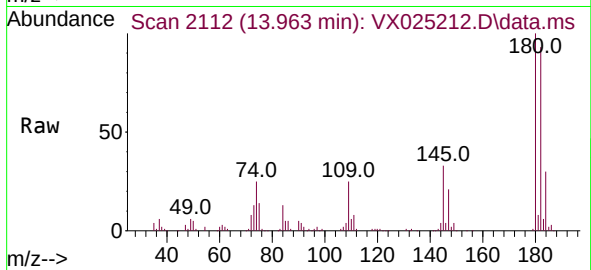
Tgt Ion:128 Resp: 276323
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 11.0 9.1 13.7





#72
 1,2,3-Trichlorobenzene
 Concen: 47.946 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX025212.D
 Acq: 18 Nov 2021 14:58

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 82048
 Ion Ratio Lower Upper
 180 100
 182 94.6 73.3 109.9
 145 32.0 29.0 43.4

