

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080922\
 Data File : VX030537.D
 Acq On : 09 Aug 2022 19:09
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050774

Quant Time: Aug 10 01:22:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 10 01:21:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.775	114	277488	50.000	ug/L	0.01
28) Chlorobenzene-d5	10.061	117	254135	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	123070	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	94651	53.116	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 106.240%	
7) Chloroethane-d5	1.666	69	76315	60.750	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 121.500%	
11) 1,1-Dichloroethene-d2	2.306	63	179369	53.213	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 106.420%	
21) 2-Butanone-d5	4.483	46	218288	132.208	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	= 132.210%#	
24) Chloroform-d	5.074	84	213690	58.254	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	= 116.500%	
26) 1,2-Dichloroethane-d4	5.970	65	143862	57.758	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	= 115.520%	
32) Benzene-d6	5.983	84	401398	55.140	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 110.280%	
36) 1,2-Dichloropropane-d6	7.318	67	130079	55.076	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 110.160%	
41) Toluene-d8	8.653	98	362683	52.855	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.720%	
43) trans-1,3-Dichloroprop...	8.958	79	60804	51.750	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.500%	
47) 2-Hexanone-d5	9.391	63	147231	122.298	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 122.300%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	181030	58.346	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 116.700%	
66) 1,2-Dichlorobenzene-d4	12.323	152	130042	54.478	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 108.960%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	100461	48.113	ug/L	98
3) Chloromethane	1.294	50	90326	50.309	ug/L	98
5) Vinyl chloride	1.374	62	96066	50.092	ug/L	99
6) Bromomethane	1.611	94	21619	23.989	ug/L	96
8) Chloroethane	1.691	64	60922	55.770	ug/L	96
9) Trichlorofluoromethane	1.886	101	138734	48.948	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	72805	43.187	ug/L	96
12) 1,1-Dichloroethene	2.319	96	73674	47.436	ug/L	99
13) Acetone	2.404	43	139576	115.344	ug/L	98
14) Carbon disulfide	2.514	76	241318	47.939	ug/L	99
15) Methyl Acetate	2.715	43	146953	58.671	ug/L	97
16) Methylene chloride	2.794	84	105009	53.321	ug/L	95
17) trans-1,2-Dichloroethene	3.099	96	91005	50.577	ug/L	98
18) Methyl tert-butyl Ether	3.129	73	329870	53.909	ug/L	99
19) 1,1-Dichloroethane	3.617	63	190368	54.701	ug/L	98
20) cis-1,2-Dichloroethene	4.501	96	107219	52.972	ug/L	99
22) 2-Butanone	4.587	43	224084	117.387	ug/L	100
23) Bromochloromethane	4.916	128	51419	50.657	ug/L	91
25) Chloroform	5.111	83	199742	54.626	ug/L	98

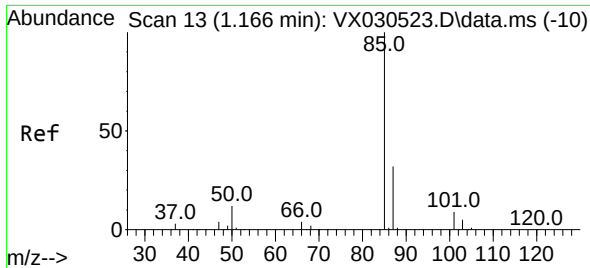
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080922\
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 QLast Update : Wed Aug 10 01:21:25 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.098	62	168307	55.304	ug/L	100
29) Cyclohexane	5.483	56	152233	45.059	ug/L	99
30) 1,1,1-Trichloroethane	5.397	97	164985	49.217	ug/L	98
31) Carbon tetrachloride	5.690	117	134035	48.446	ug/L	98
33) Benzene	6.050	78	417663	51.259	ug/L	100
34) Trichloroethene	7.135	95	110166	46.682	ug/L	90
35) Methylcyclohexane	7.391	83	147487	42.930	ug/L	99
37) 1,2-Dichloropropane	7.440	63	110941	51.208	ug/L	98
38) Bromodichloromethane	7.830	83	149089	51.997	ug/L	92
39) cis-1,3-Dichloropropene	8.372	75	162661	50.332	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	429444	113.828	ug/L	98
42) Toluene	8.726	91	429225	49.866	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	159402	50.393	ug/L	98
45) 1,1,2-Trichloroethane	9.159	97	106117	52.677	ug/L	98
46) Tetrachloroethene	9.281	164	68108	45.666	ug/L	96
48) 2-Hexanone	9.439	43	341754	116.587	ug/L	98
49) Dibromochloromethane	9.525	129	108406	50.582	ug/L	100
50) 1,2-Dibromoethane	9.616	107	110976	50.094	ug/L	98
51) Chlorobenzene	10.086	112	263108	49.064	ug/L	98
52) Ethylbenzene	10.201	91	466050	49.657	ug/L	99
53) m,p-Xylene	10.305	106	172109	49.199	ug/L	99
54) o-Xylene	10.646	106	170800	48.998	ug/L	99
55) Styrene	10.659	104	300803	51.250	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	170922	55.762	ug/L	96
59) Bromoform	10.805	173	71800	53.574	ug/L	100
60) Isopropylbenzene	10.970	105	442505	50.726	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	150979	57.124	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	388581	52.175	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	382028	50.793	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	190210	50.159	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	190372	49.383	ug/L	94
67) 1,2-Dichlorobenzene	12.341	146	196515	50.111	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	45699	52.417	ug/L	99
69) 1,3,5-Trichlorobenzene	13.115	180	122294	45.986	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	110186	47.178	ug/L	96
71) Naphthalene	13.780	128	489721	50.655	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	116644	47.280	ug/L	97

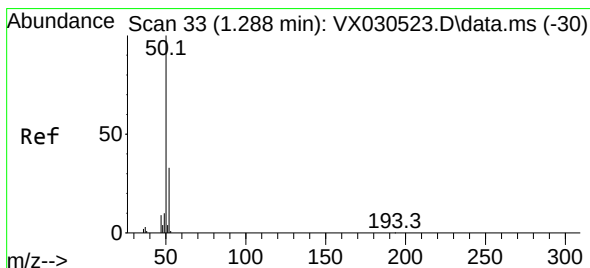
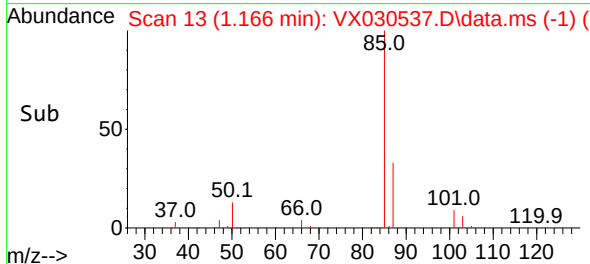
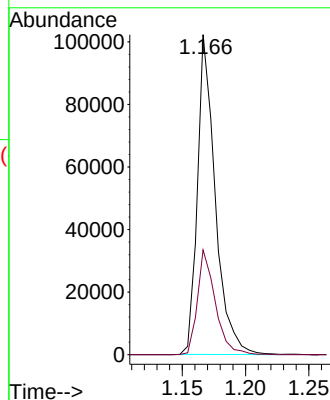
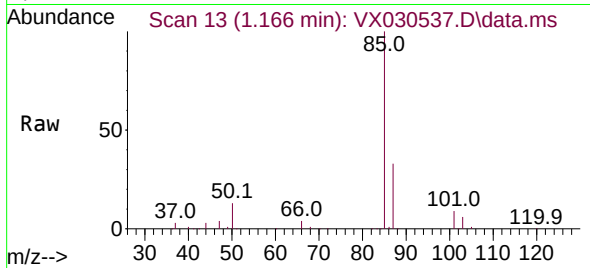
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#2
Dichlorodifluoromethane
Concen: 48.113 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

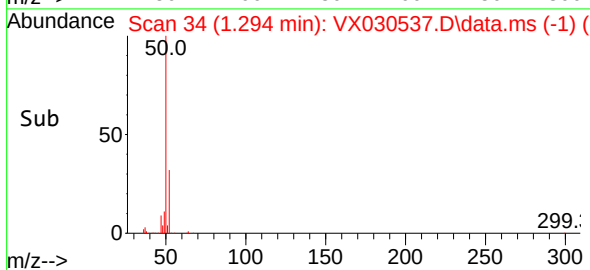
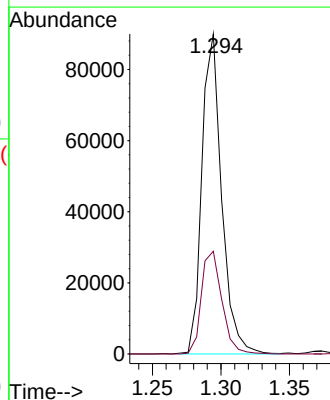
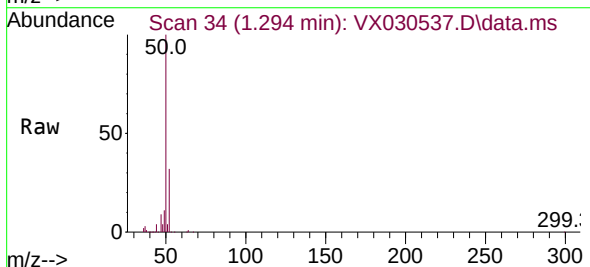
Instrument :
MSVOA_X
ClientSampleId :
VSTD050774

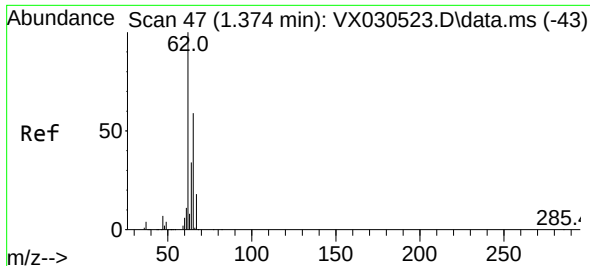
Tgt Ion: 85 Resp: 100461
Ion Ratio Lower Upper
85 100
87 32.8 25.6 38.4



#3
Chloromethane
Concen: 50.309 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

Tgt Ion: 50 Resp: 90326
Ion Ratio Lower Upper
50 100
52 32.1 23.3 43.3

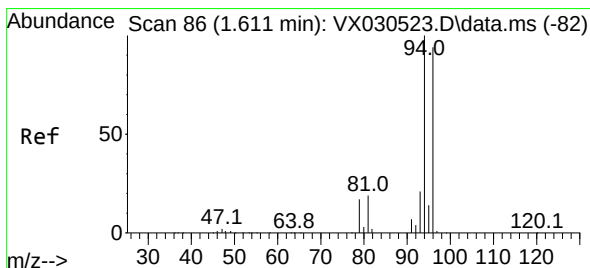
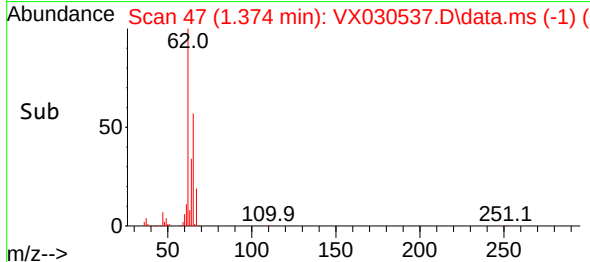
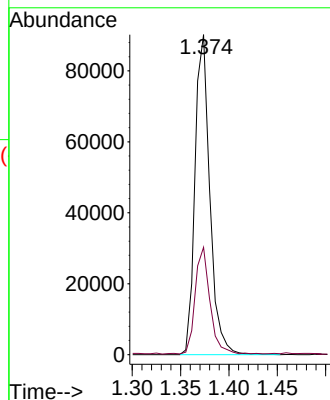
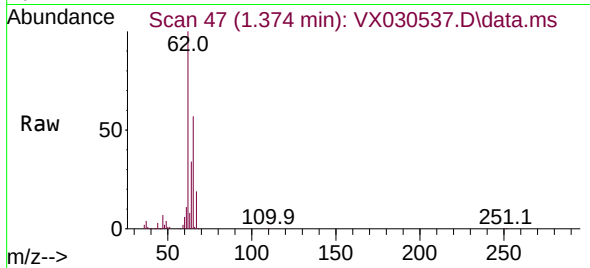




#5
 Vinyl chloride
 Concen: 50.092 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030537.D
 Acq: 09 Aug 2022 19:09

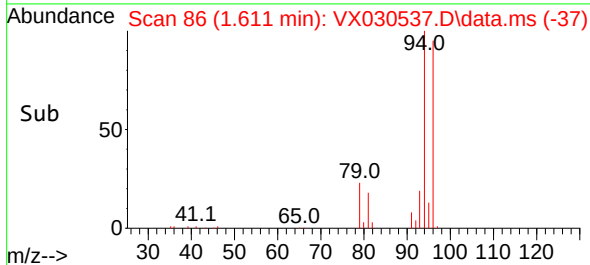
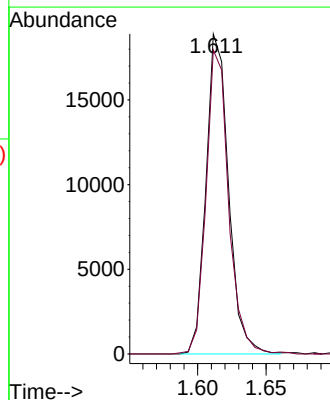
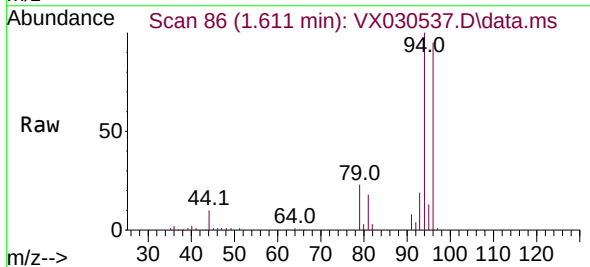
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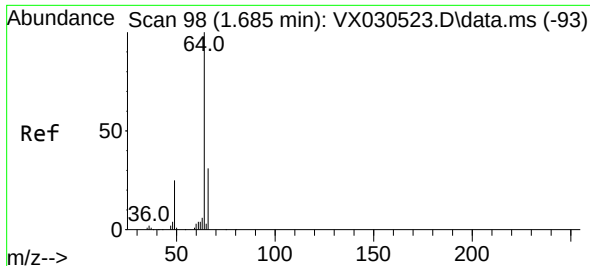
Tgt Ion: 62 Resp: 96066
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.8 44.2



#6
 Bromomethane
 Concen: 23.989 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VX030537.D
 Acq: 09 Aug 2022 19:09

Tgt Ion: 94 Resp: 21619
 Ion Ratio Lower Upper
 94 100
 96 95.0 63.8 118.6

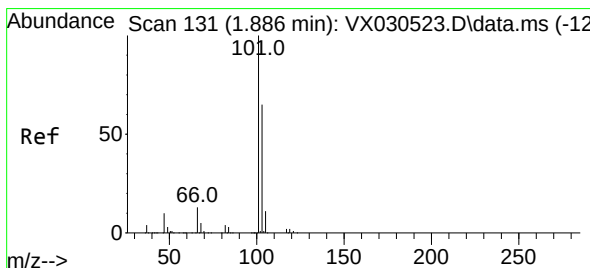
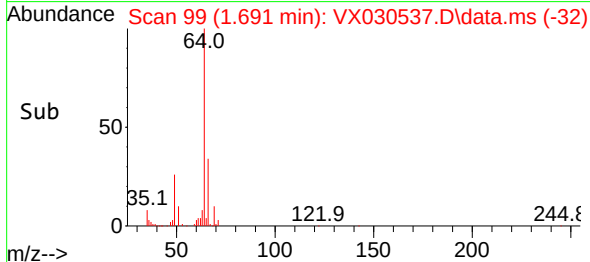
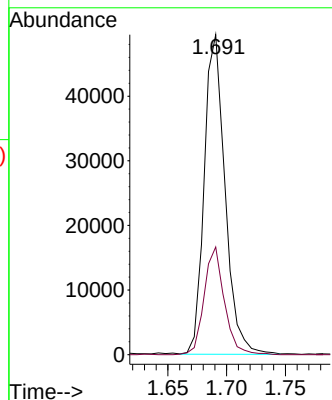
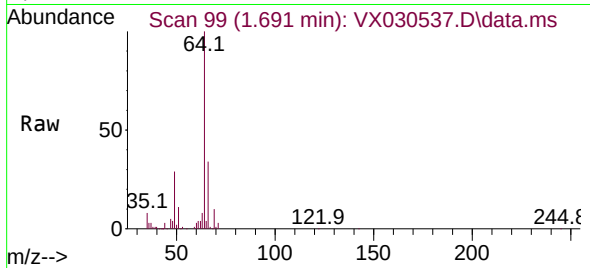




#8
Chloroethane
Concen: 55.770 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

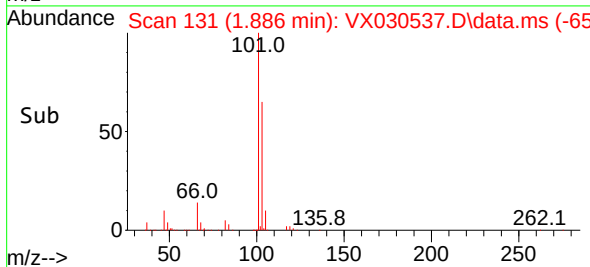
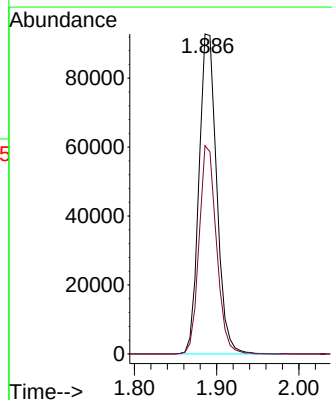
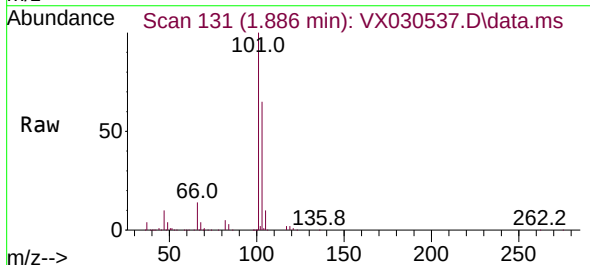
Instrument :
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ClientSampleId :
VSTD050774

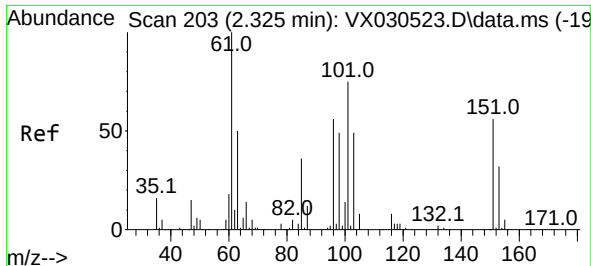
Tgt Ion: 64 Resp: 60922
Ion Ratio Lower Upper
64 100
66 33.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 48.948 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

Tgt Ion: 101 Resp: 138734
Ion Ratio Lower Upper
101 100
103 63.9 51.5 77.3

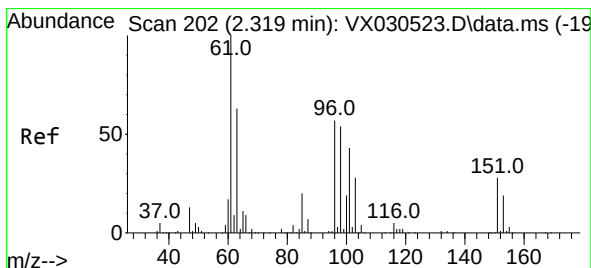
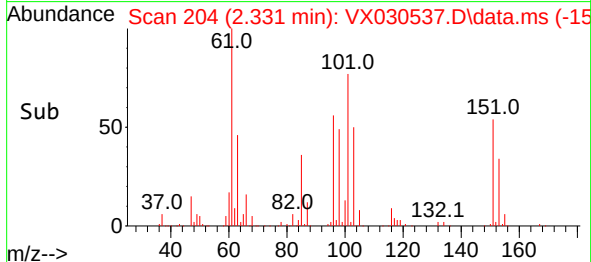
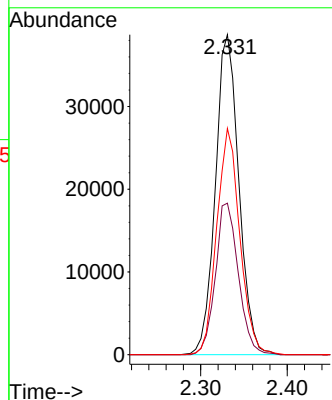
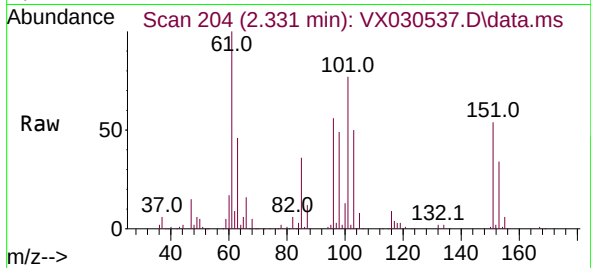




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 43.187 ug/L
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

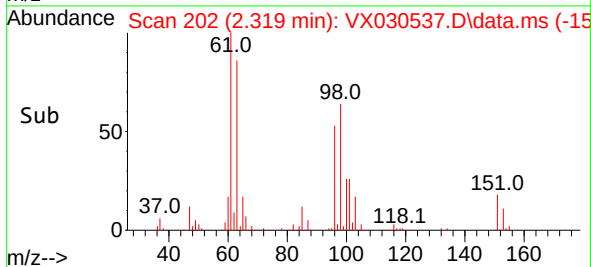
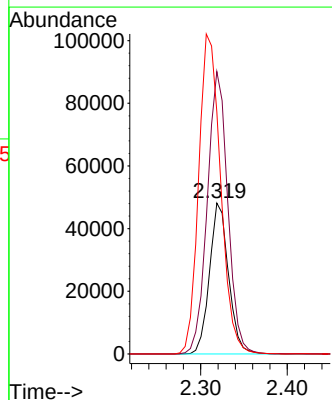
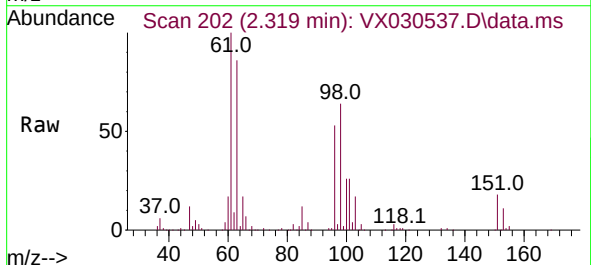
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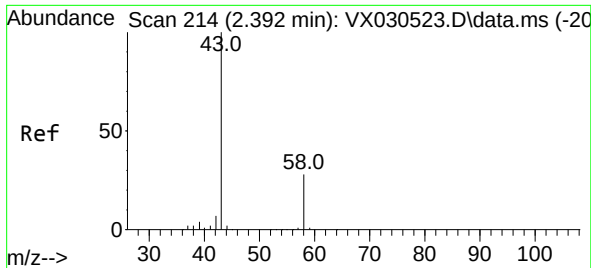
Tgt Ion:101 Resp: 72805
Ion Ratio Lower Upper
101 100
85 46.4 35.3 52.9
151 69.6 58.3 87.5



#12
1,1-Dichloroethene
Concen: 47.436 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

Tgt Ion: 96 Resp: 73674
Ion Ratio Lower Upper
96 100
61 187.2 130.2 241.8
63 160.5 113.5 210.9





#13

Acetone

Concen: 115.344 ug/L

RT: 2.404 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX030537.D

Acq: 09 Aug 2022 19:09

Instrument :

MSVOA_X

ClientSampleId :

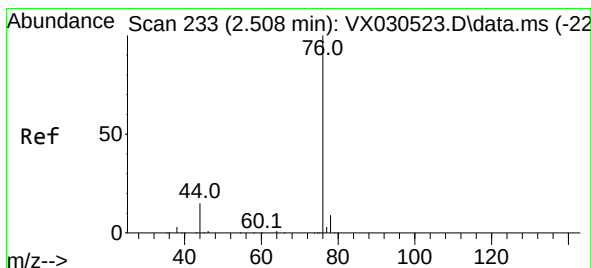
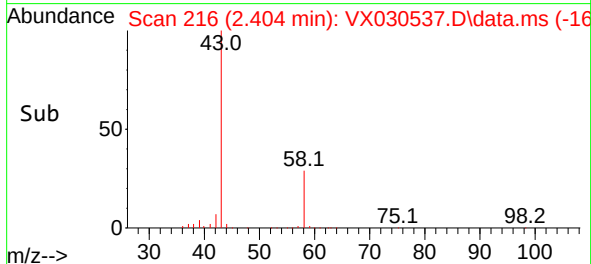
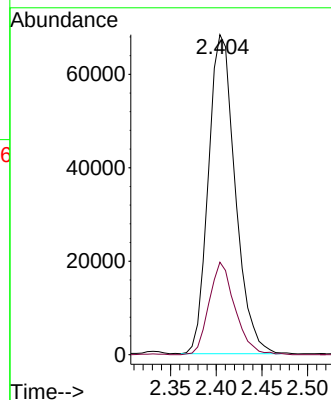
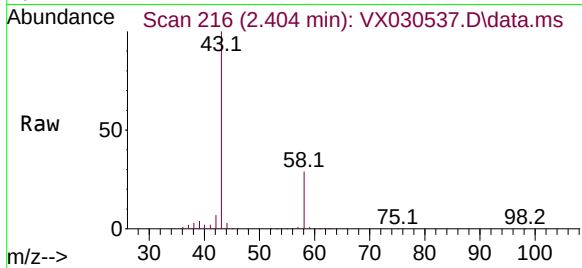
VSTD050774

Tgt Ion: 43 Resp: 139576

Ion Ratio Lower Upper

43 100

58 27.9 0.0 57.8



#14

Carbon disulfide

Concen: 47.939 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.006 min

Lab File: VX030537.D

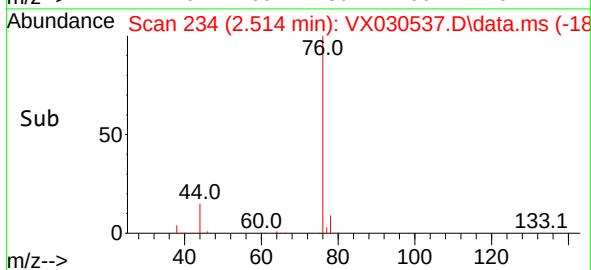
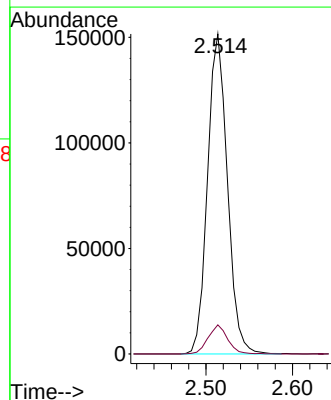
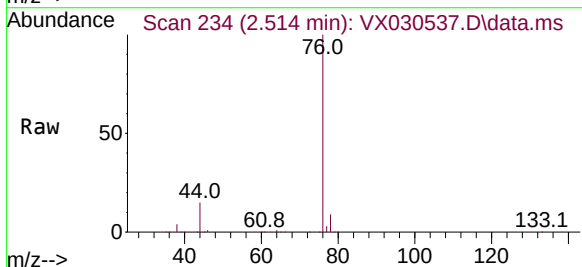
Acq: 09 Aug 2022 19:09

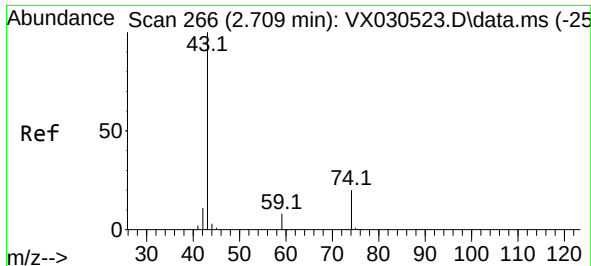
Tgt Ion: 76 Resp: 241318

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

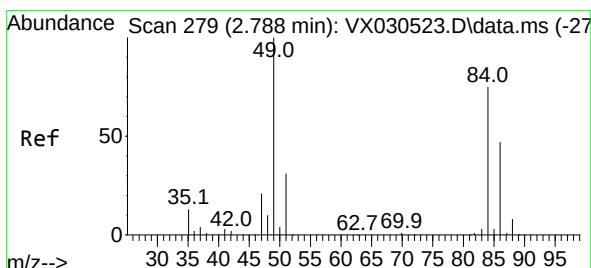
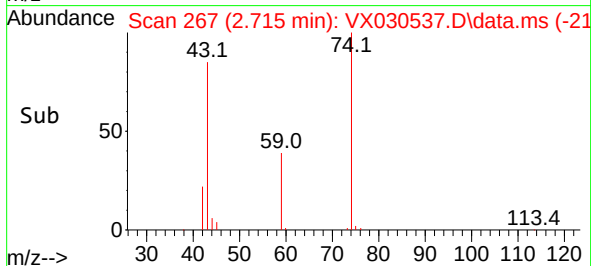
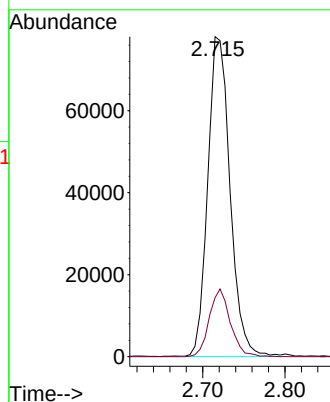
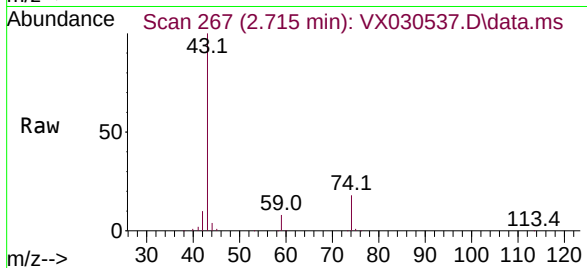




#15
Methyl Acetate
Concen: 58.671 ug/L
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

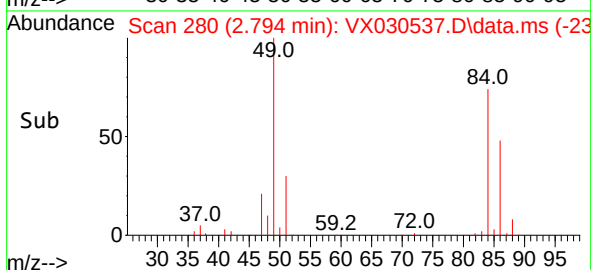
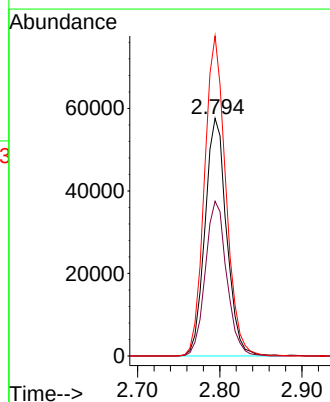
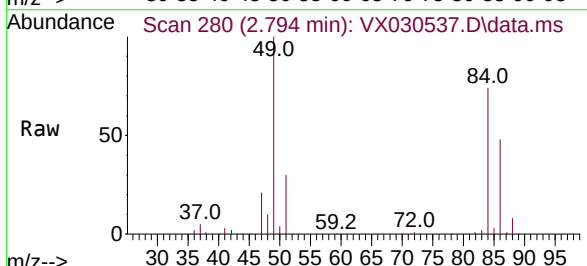
Instrument :
MSVOA_X
ClientSampleId :
VSTD050774

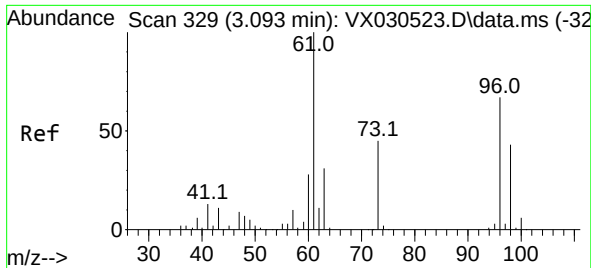
Tgt Ion: 43 Resp: 146953
Ion Ratio Lower Upper
43 100
74 19.9 17.2 25.8



#16
Methylene chloride
Concen: 53.321 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

Tgt Ion: 84 Resp: 105009
Ion Ratio Lower Upper
84 100
86 65.2 44.2 82.2
49 134.7 89.0 165.2

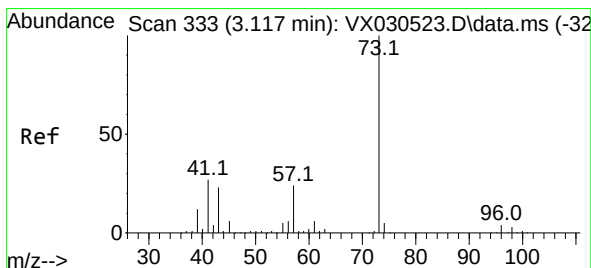
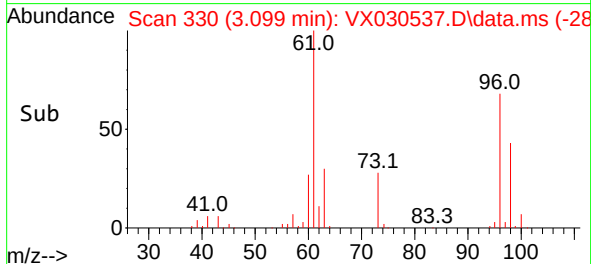
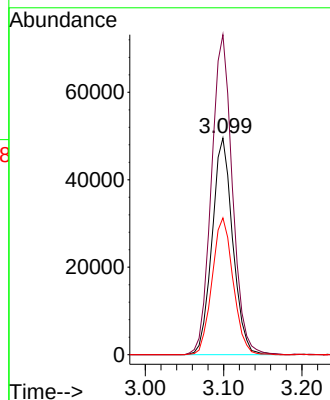
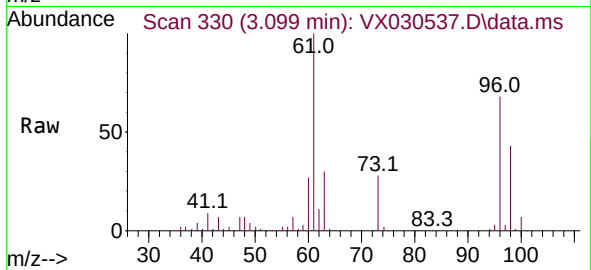




#17
trans-1,2-Dichloroethene
Concen: 50.577 ug/L
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

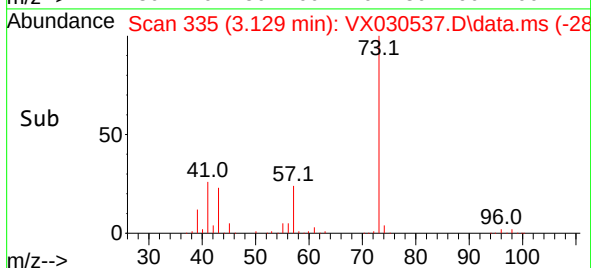
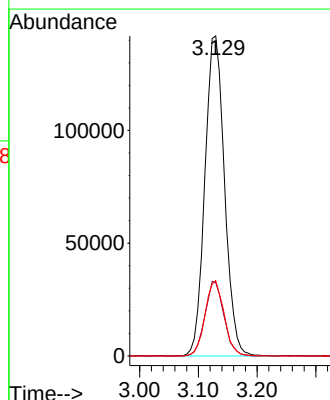
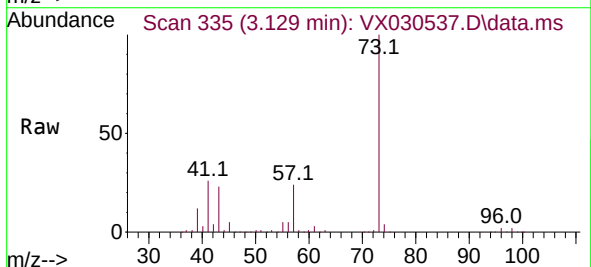
Instrument :
MSVOA_X
ClientSampleId :
VSTD050774

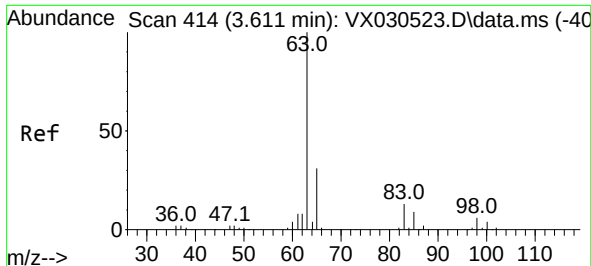
Tgt Ion: 96 Resp: 91005
Ion Ratio Lower Upper
96 100
61 147.7 103.7 192.5
98 63.2 41.5 77.1



#18
Methyl tert-butyl Ether
Concen: 53.909 ug/L
RT: 3.129 min Scan# 335
Delta R.T. 0.012 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

Tgt Ion: 73 Resp: 329870
Ion Ratio Lower Upper
73 100
43 22.5 17.6 26.4
57 22.8 17.5 26.3





#19

1,1-Dichloroethane

Concen: 54.701 ug/L

RT: 3.617 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX030537.D

Acq: 09 Aug 2022 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTD050774

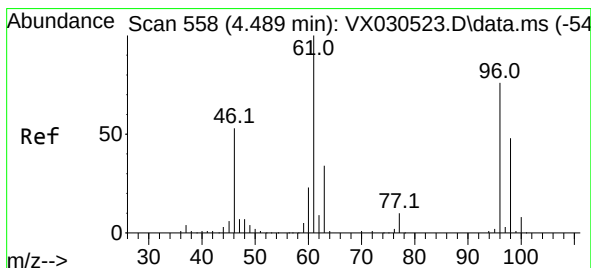
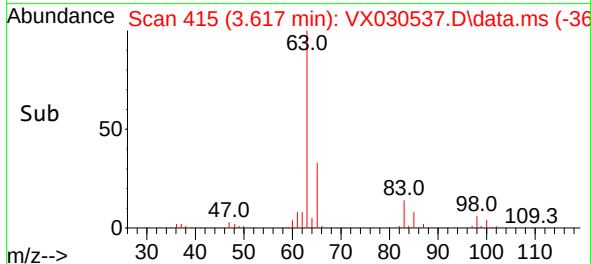
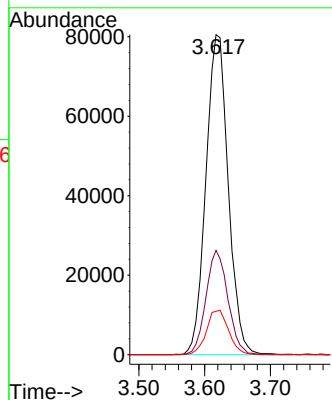
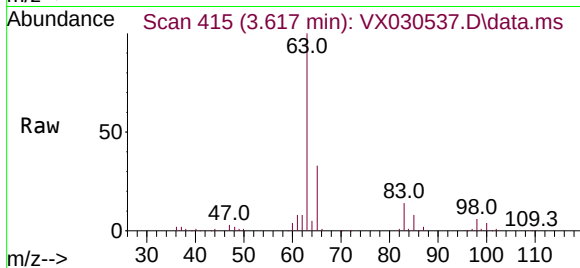
Tgt Ion: 63 Resp: 190368

Ion Ratio Lower Upper

63 100

65 32.6 22.0 40.8

83 13.5 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 52.972 ug/L

RT: 4.501 min Scan# 560

Delta R.T. 0.012 min

Lab File: VX030537.D

Acq: 09 Aug 2022 19:09

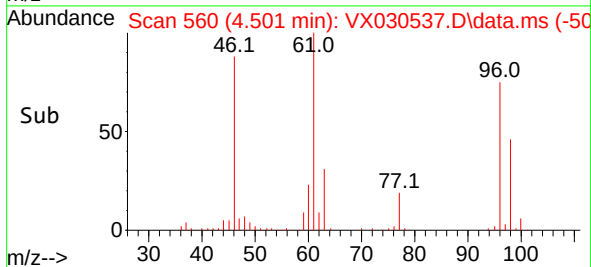
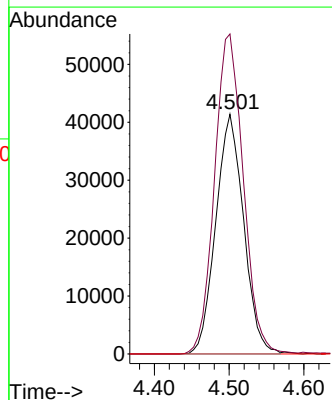
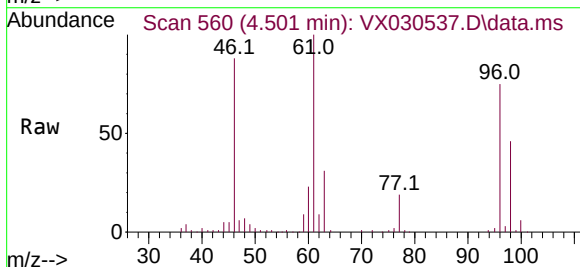
Tgt Ion: 96 Resp: 107219

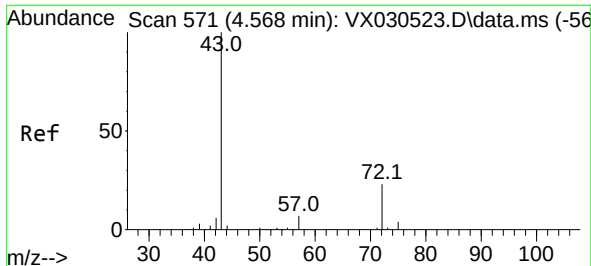
Ion Ratio Lower Upper

96 100

61 133.5 94.0 174.6

68 0.0 0.0 0.0

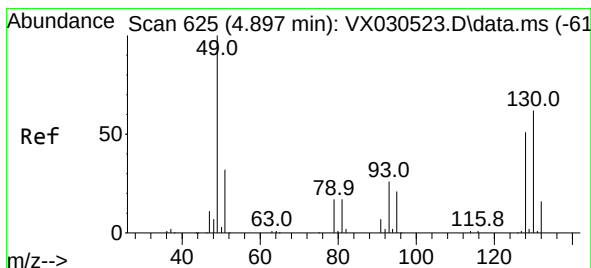
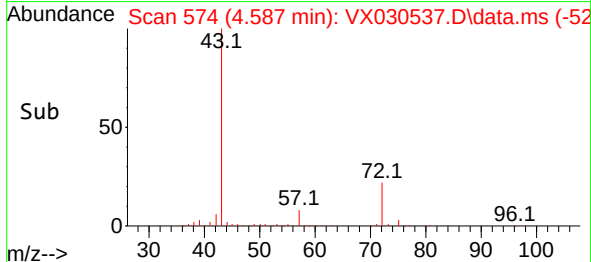
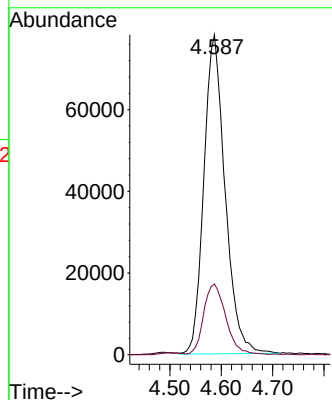
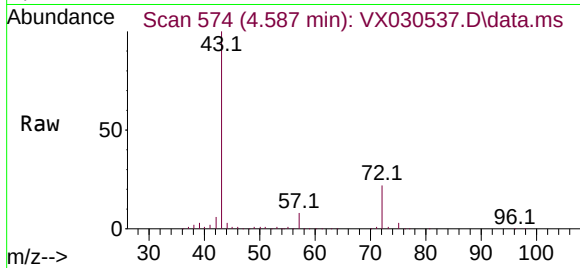




#22
2-Butanone
Concen: 117.387 ug/L
RT: 4.587 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

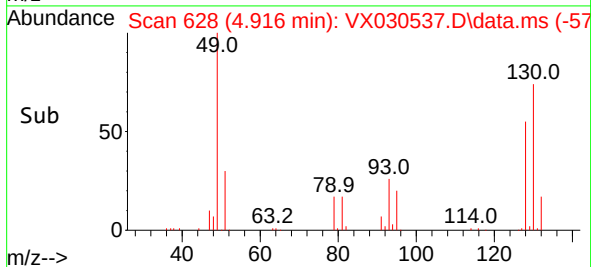
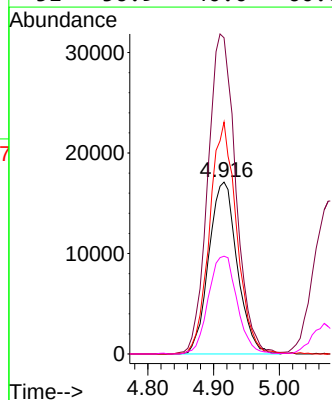
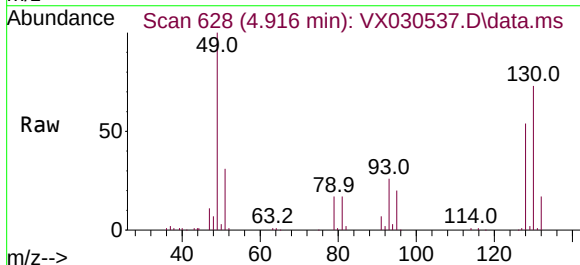
Instrument :
MSVOA_X
ClientSampleId :
VSTD050774

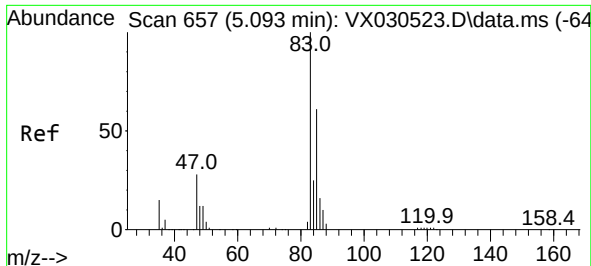
Tgt Ion: 43 Resp: 224084
Ion Ratio Lower Upper
43 100
72 23.2 11.7 35.1



#23
Bromochloromethane
Concen: 50.657 ug/L
RT: 4.916 min Scan# 628
Delta R.T. 0.018 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

Tgt Ion: 128 Resp: 51419
Ion Ratio Lower Upper
128 100
49 184.0 116.8 216.8
130 134.9 90.3 167.7
51 56.9 40.0 60.0





#25

Chloroform

Concen: 54.626 ug/L

RT: 5.111 min Scan# 6

Delta R.T. 0.018 min

Lab File: VX030537.D

Acq: 09 Aug 2022 19:09

Instrument :

MSVOA_X

ClientSampleId :

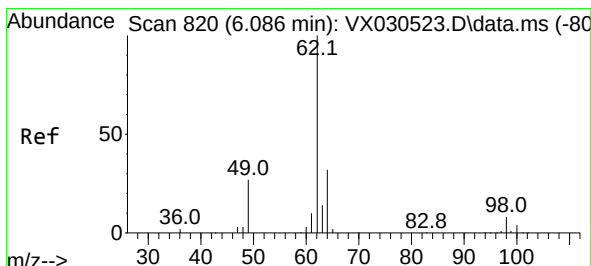
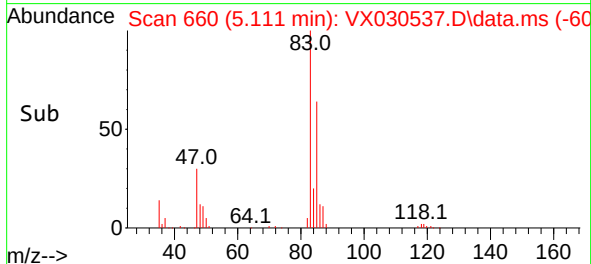
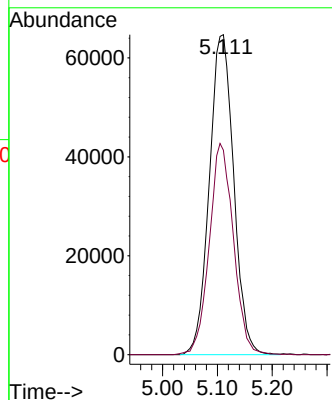
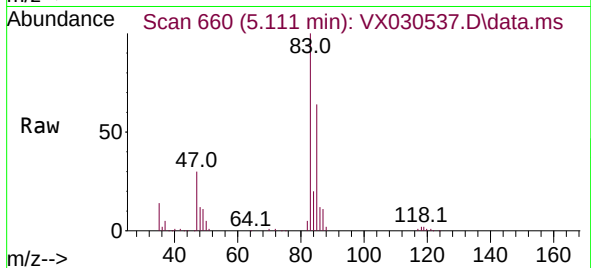
VSTD050774

Tgt Ion: 83 Resp: 199742

Ion Ratio Lower Upper

83 100

85 63.9 45.6 84.6



#27

1,2-Dichloroethane

Concen: 55.304 ug/L

RT: 6.098 min Scan# 822

Delta R.T. 0.012 min

Lab File: VX030537.D

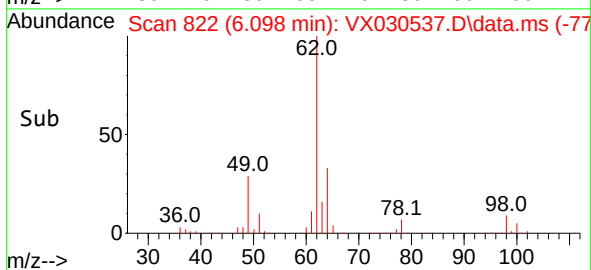
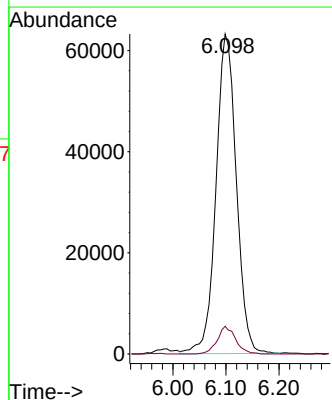
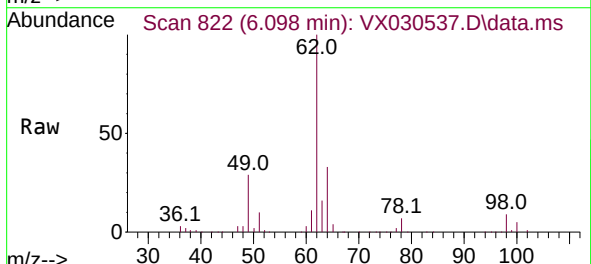
Acq: 09 Aug 2022 19:09

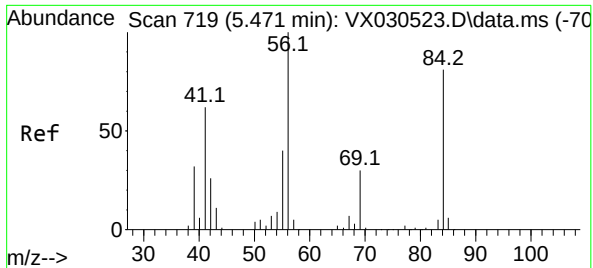
Tgt Ion: 62 Resp: 168307

Ion Ratio Lower Upper

62 100

98 8.6 7.0 10.6

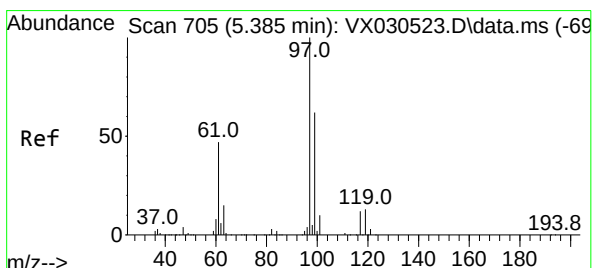
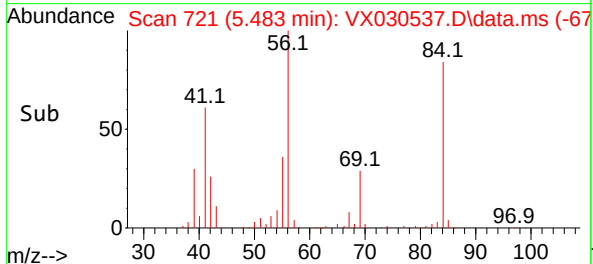
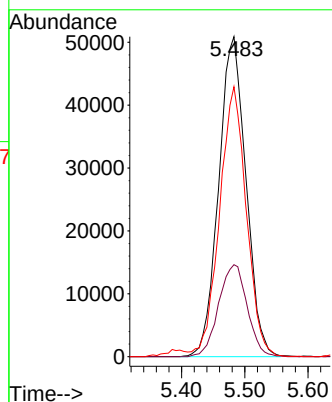
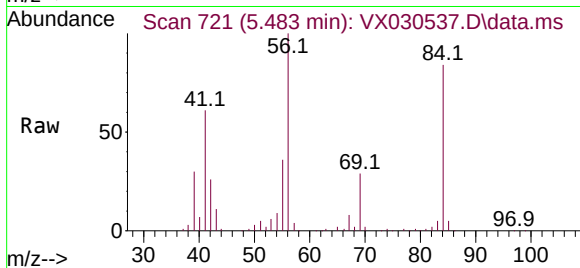




#29
Cyclohexane
Concen: 45.059 ug/L
RT: 5.483 min Scan# 719
Delta R.T. 0.012 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

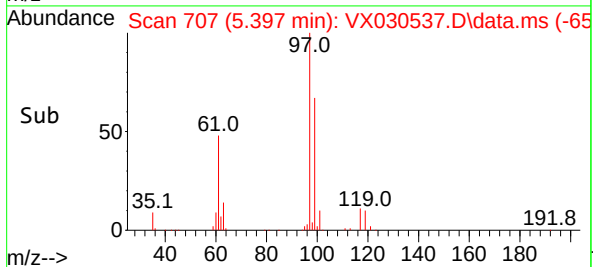
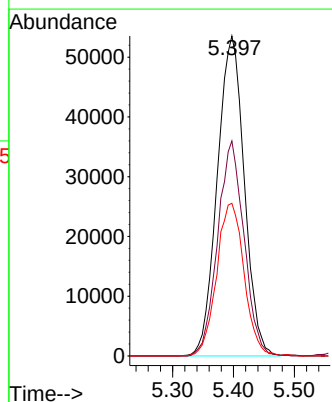
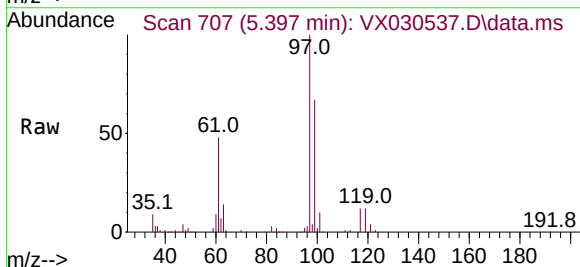
Instrument :
MSVOA_X
ClientSampleId :
VSTD050774

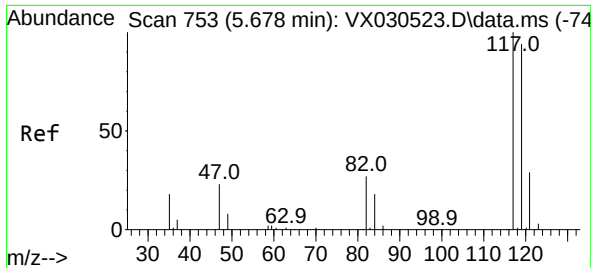
Tgt Ion: 56 Resp: 152233
Ion Ratio Lower Upper
56 100
69 30.1 24.3 36.5
84 82.6 66.7 100.1



#30
1,1,1-Trichloroethane
Concen: 49.217 ug/L
RT: 5.397 min Scan# 707
Delta R.T. 0.012 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

Tgt Ion: 97 Resp: 164985
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.0
61 48.4 37.0 55.6

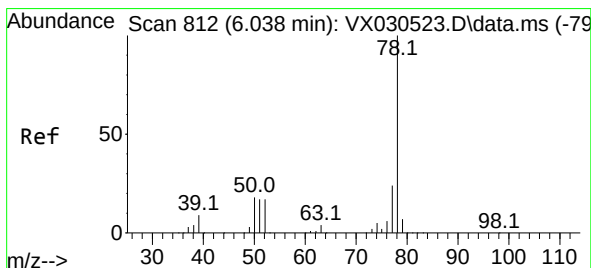
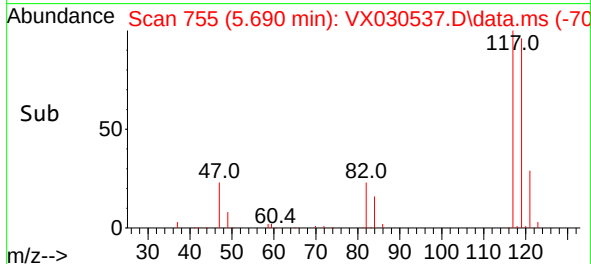
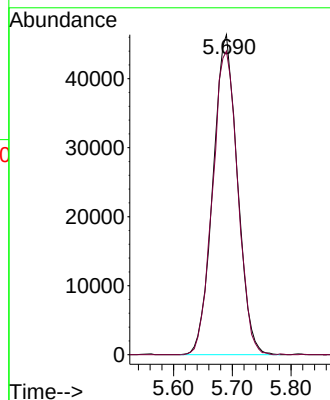
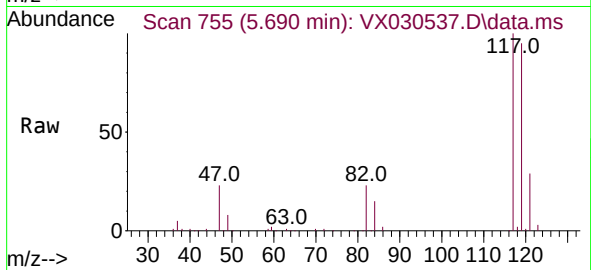




#31
Carbon tetrachloride
Concen: 48.446 ug/L
RT: 5.690 min Scan# 711
Delta R.T. 0.012 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

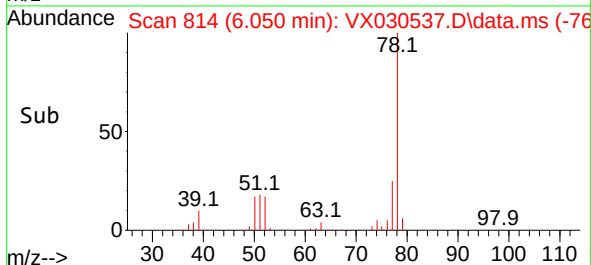
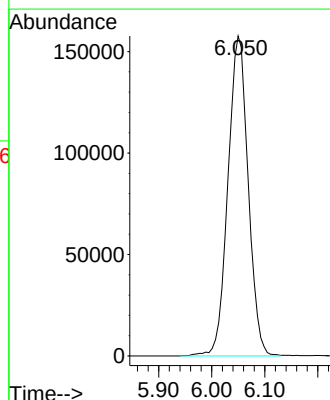
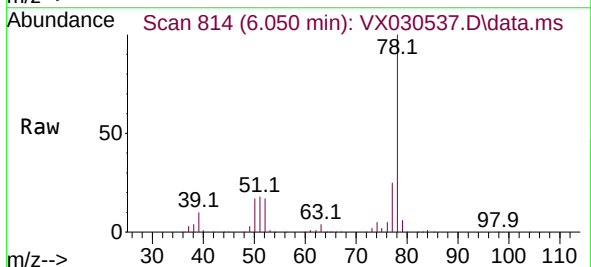
Instrument :
MSVOA_X
ClientSampleId :
VSTD050774

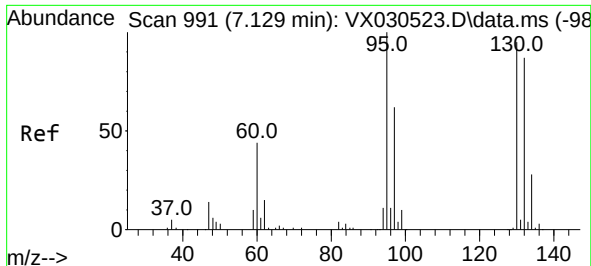
Tgt Ion:117 Resp: 134035
Ion Ratio Lower Upper
117 100
119 97.6 76.2 114.2



#33
Benzene
Concen: 51.259 ug/L
RT: 6.050 min Scan# 814
Delta R.T. 0.012 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

Tgt Ion: 78 Resp: 417663

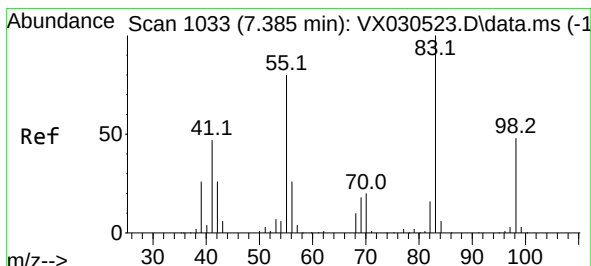
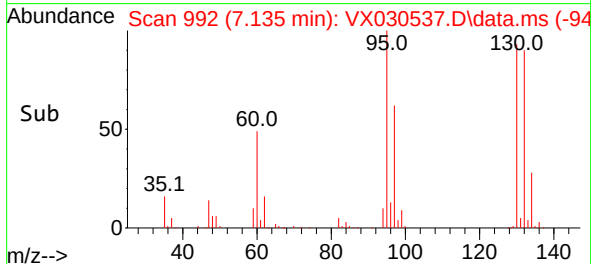
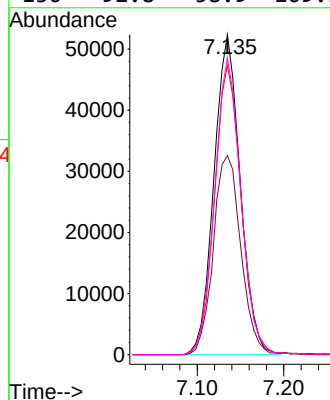
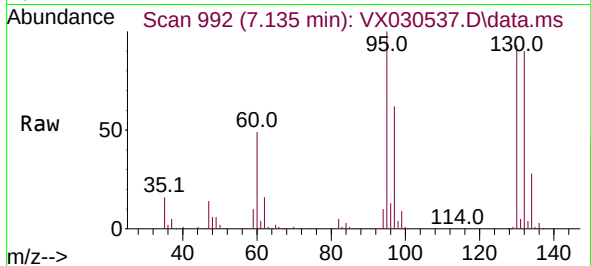




#34
Trichloroethene
Concen: 46.682 ug/L
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

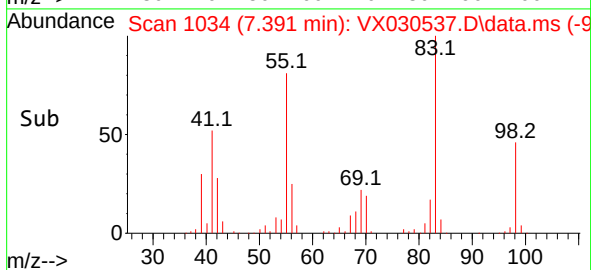
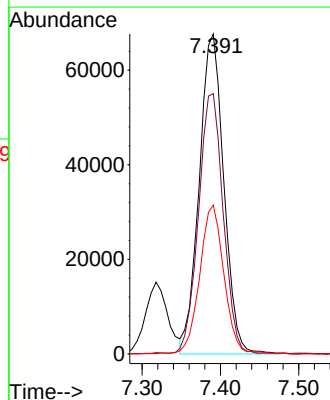
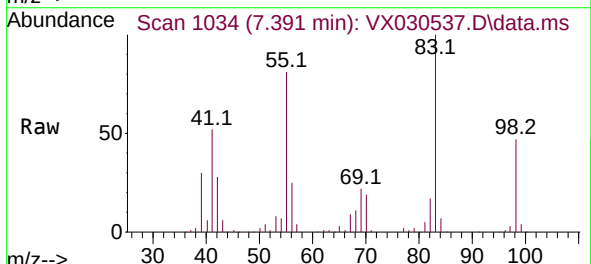
Instrument :
MSVOA_X
ClientSampleId :
VSTD050774

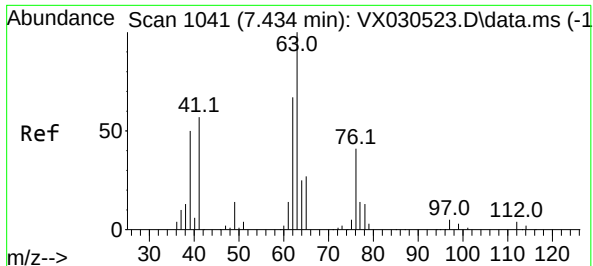
Tgt Ion: 95 Resp: 110166
Ion Ratio Lower Upper
95 100
97 62.2 40.2 74.6
132 90.4 55.3 102.7
130 92.8 58.9 109.5



#35
Methylcyclohexane
Concen: 42.930 ug/L
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

Tgt Ion: 83 Resp: 147487
Ion Ratio Lower Upper
83 100
55 81.5 64.0 96.0
98 45.3 36.7 55.1





#37

1,2-Dichloropropane

Concen: 51.208 ug/L

RT: 7.440 min Scan# 110941

Delta R.T. 0.006 min

Lab File: VX030537.D

Acq: 09 Aug 2022 19:09

Instrument :

MSVOA_X

ClientSampleId :

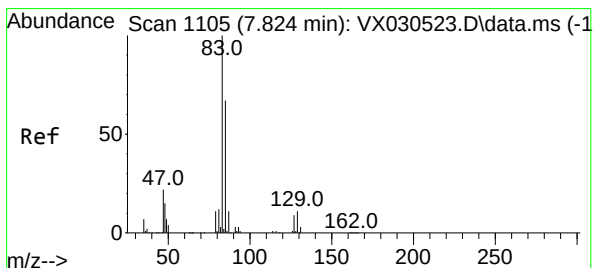
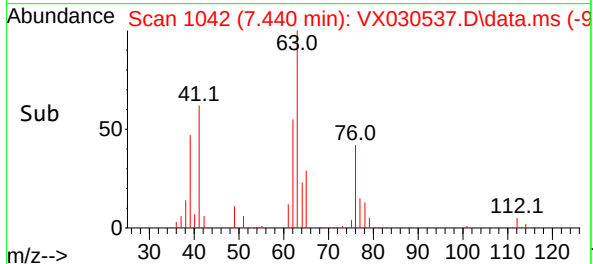
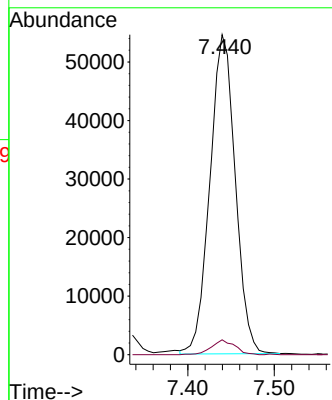
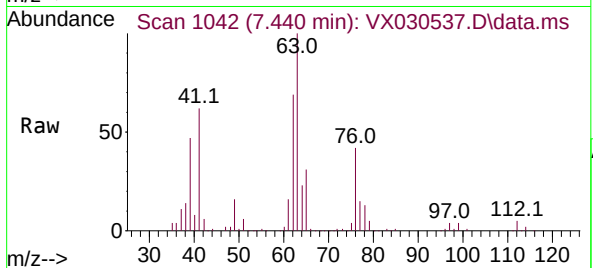
VSTD050774

Tgt Ion: 63 Resp: 110941

Ion Ratio Lower Upper

63 100

112 4.3 3.0 4.4



#38

Bromodichloromethane

Concen: 51.997 ug/L

RT: 7.830 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VX030537.D

Acq: 09 Aug 2022 19:09

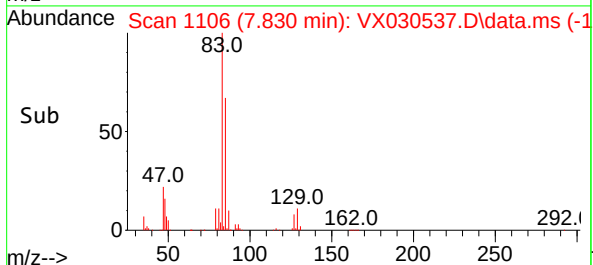
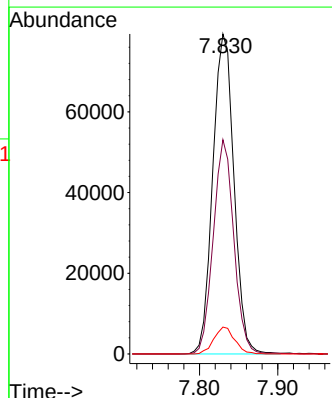
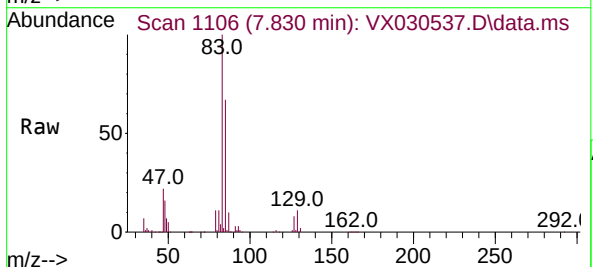
Tgt Ion: 83 Resp: 149089

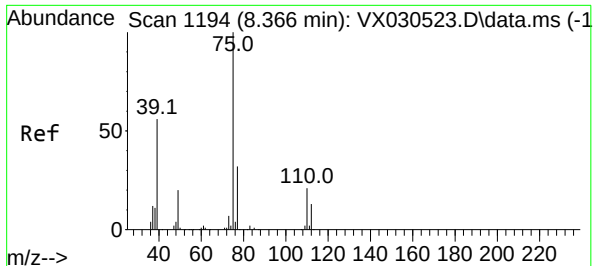
Ion Ratio Lower Upper

83 100

85 67.0 42.5 78.9

127 8.4 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 50.332 ug/L

RT: 8.372 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX030537.D

Acq: 09 Aug 2022 19:09

Instrument :

MSVOA_X

ClientSampleId :

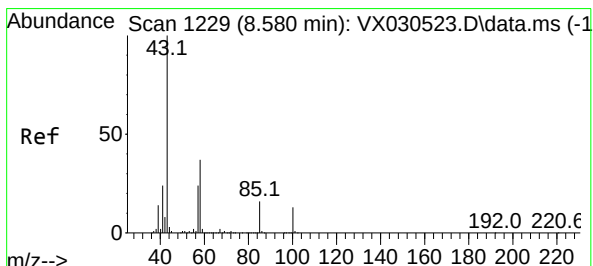
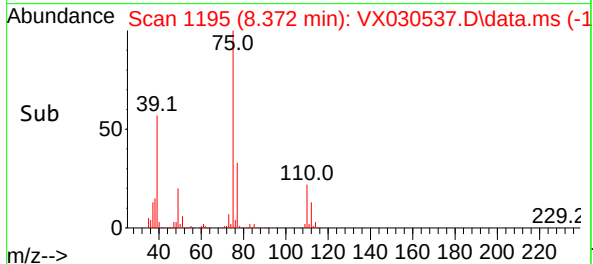
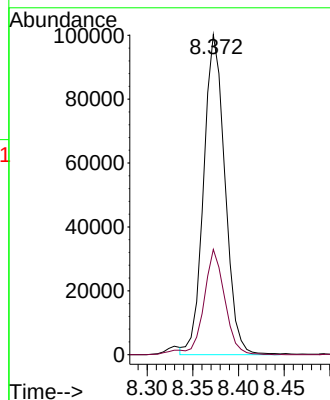
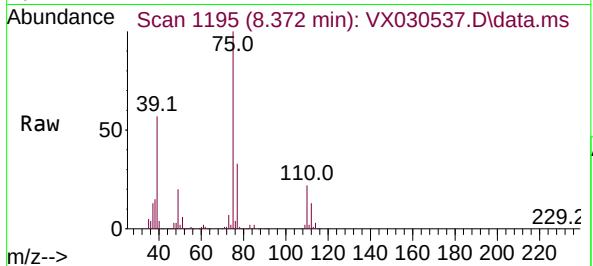
VSTD050774

Tgt Ion: 75 Resp: 162661

Ion Ratio Lower Upper

75 100

77 32.9 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 113.828 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX030537.D

Acq: 09 Aug 2022 19:09

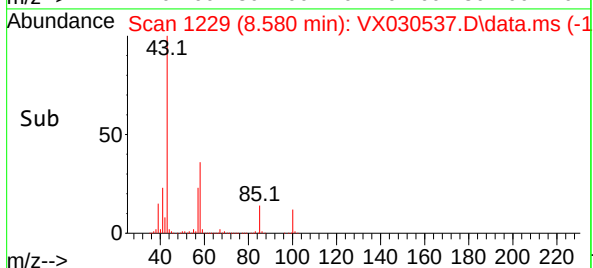
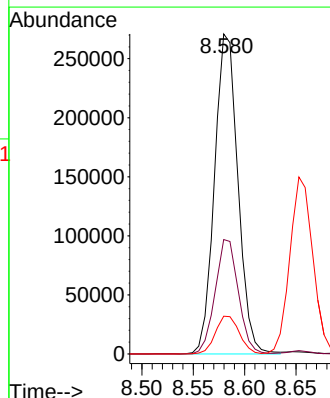
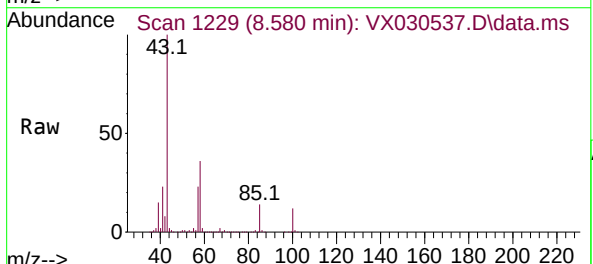
Tgt Ion: 43 Resp: 429444

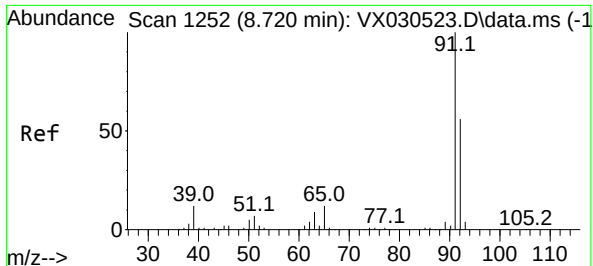
Ion Ratio Lower Upper

43 100

58 35.5 29.0 43.6

100 12.1 10.5 15.7





#42

Toluene

Concen: 49.866 ug/L

RT: 8.726 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX030537.D

Acq: 09 Aug 2022 19:09

Instrument :

MSVOA_X

ClientSampleId :

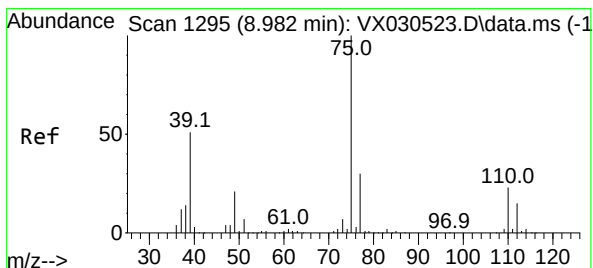
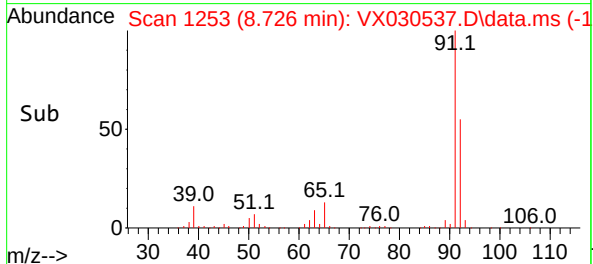
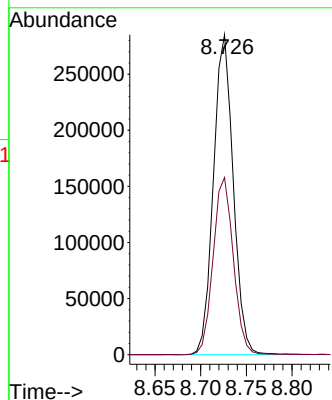
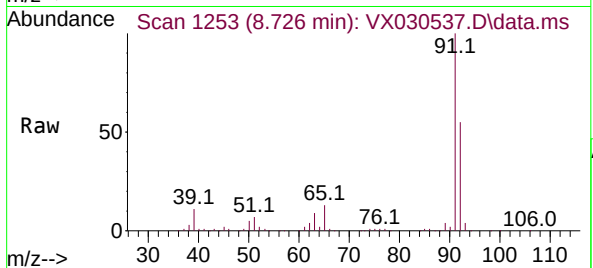
VSTD050774

Tgt Ion: 91 Resp: 429225

Ion Ratio Lower Upper

91 100

92 55.3 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 50.393 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX030537.D

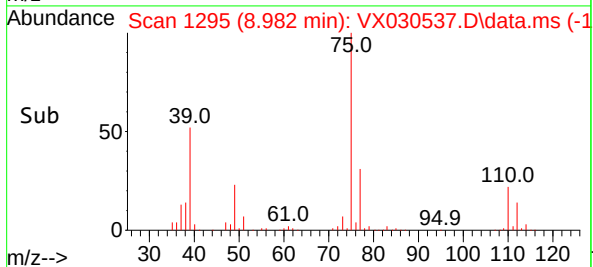
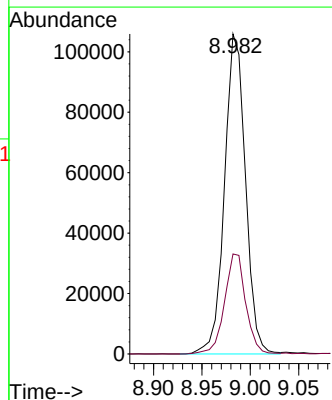
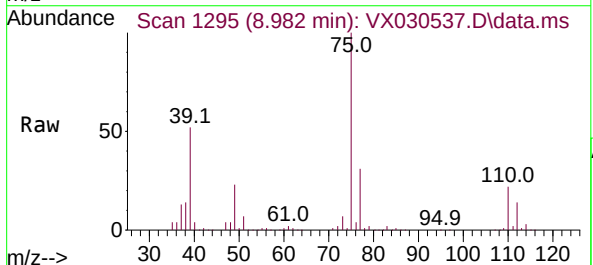
Acq: 09 Aug 2022 19:09

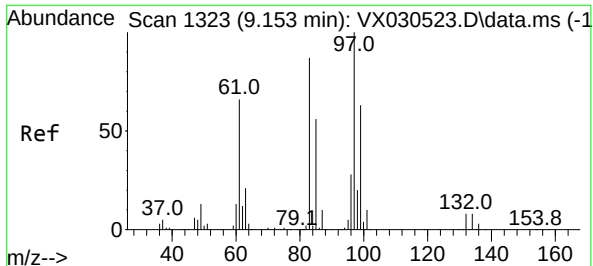
Tgt Ion: 75 Resp: 159402

Ion Ratio Lower Upper

75 100

77 31.2 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 52.677 ug/L

RT: 9.159 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX030537.D

Acq: 09 Aug 2022 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTD050774

Tgt Ion: 97 Resp: 106117

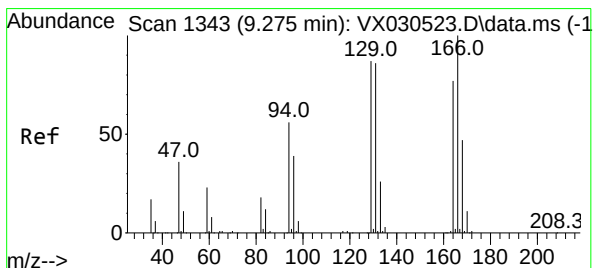
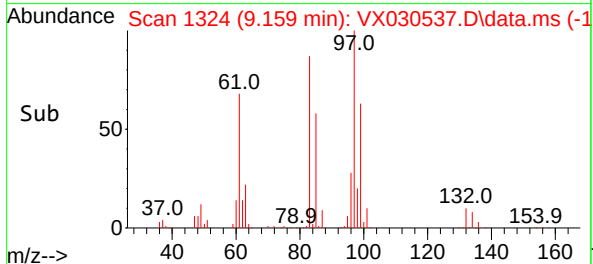
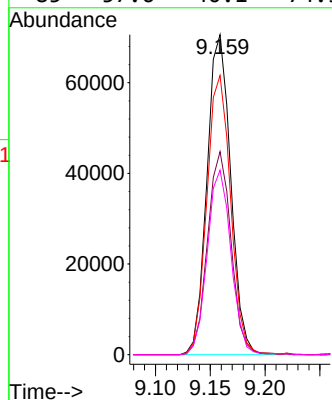
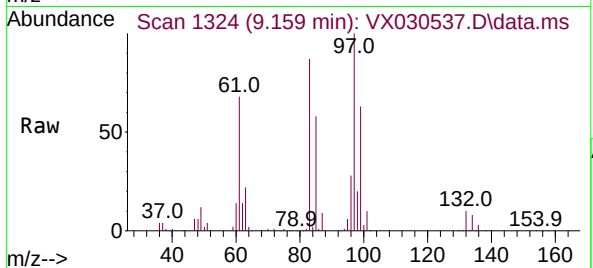
Ion Ratio Lower Upper

97 100

99 63.5 43.3 80.3

83 87.3 63.0 117.0

85 57.6 40.1 74.5



#46

Tetrachloroethene

Concen: 45.666 ug/L

RT: 9.281 min Scan# 1344

Delta R.T. 0.006 min

Lab File: VX030537.D

Acq: 09 Aug 2022 19:09

Tgt Ion:164 Resp: 68108

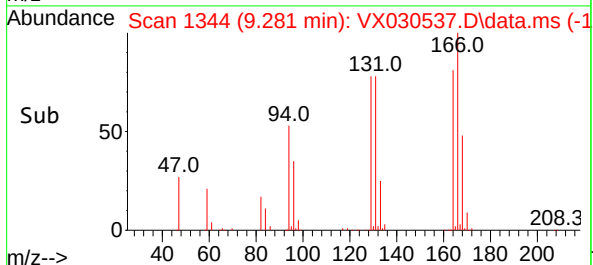
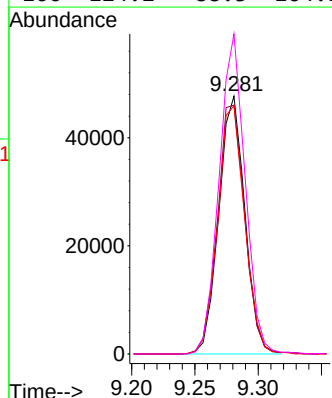
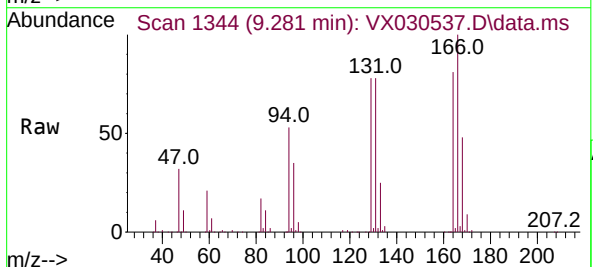
Ion Ratio Lower Upper

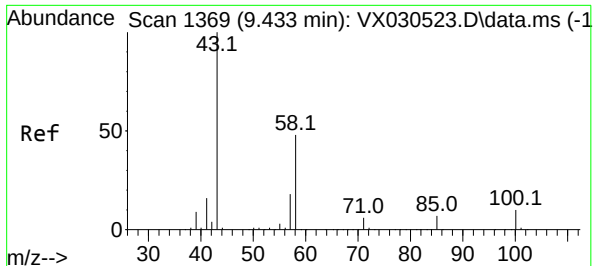
164 100

129 96.6 72.7 135.1

131 96.3 69.9 129.9

166 124.2 88.3 164.1





#48

2-Hexanone

Concen: 116.587 ug/L

RT: 9.439 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX030537.D

Acq: 09 Aug 2022 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTD050774

Tgt Ion: 43 Resp: 341754

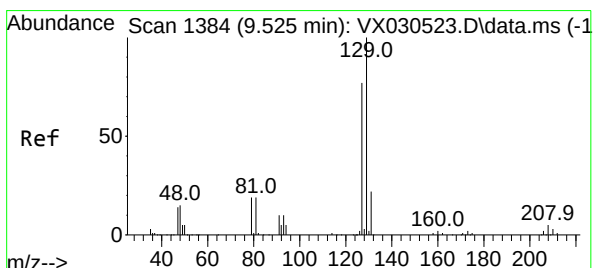
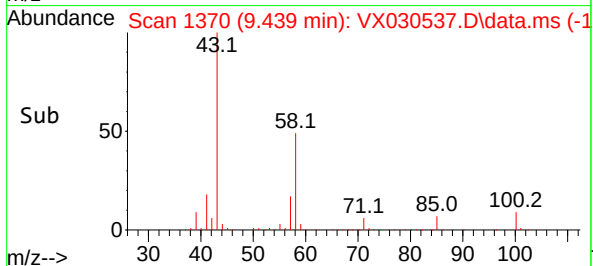
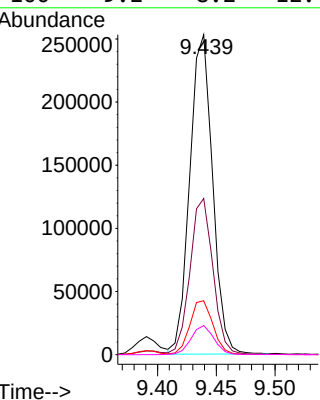
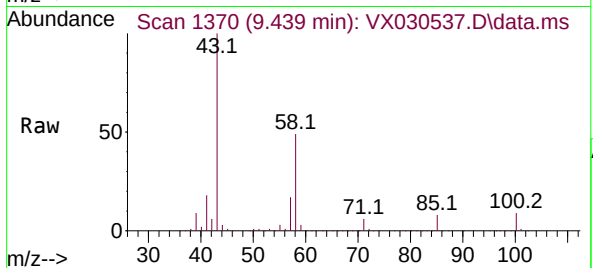
Ion Ratio Lower Upper

43 100

58 49.3 40.4 60.6

57 17.3 14.6 22.0

100 9.2 8.2 12.4



#49

Dibromochloromethane

Concen: 50.582 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX030537.D

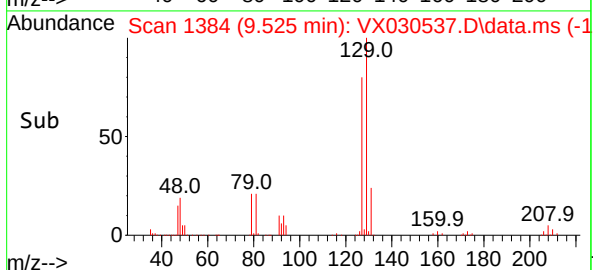
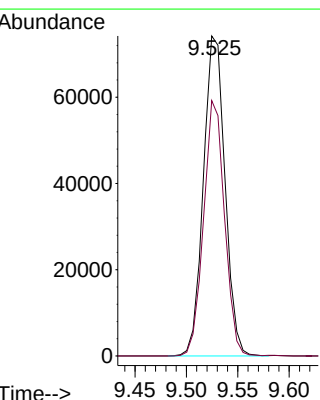
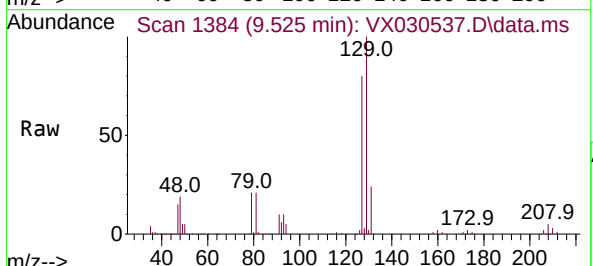
Acq: 09 Aug 2022 19:09

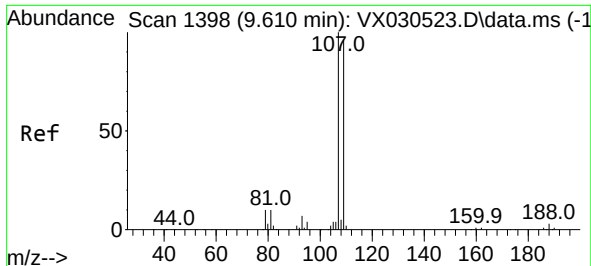
Tgt Ion: 129 Resp: 108406

Ion Ratio Lower Upper

129 100

127 79.8 55.6 103.2

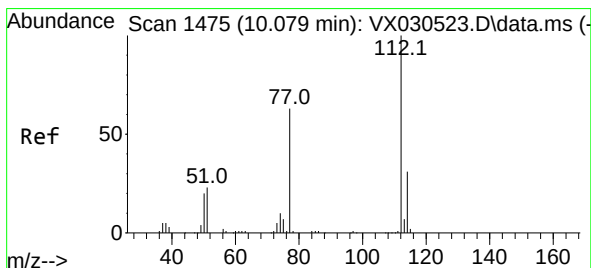
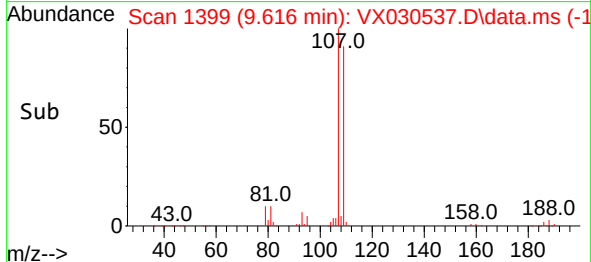
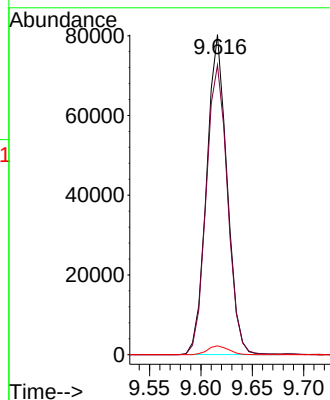
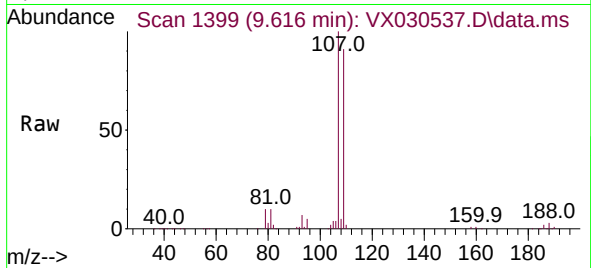




#50
1,2-Dibromoethane
Concen: 50.094 ug/L
RT: 9.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

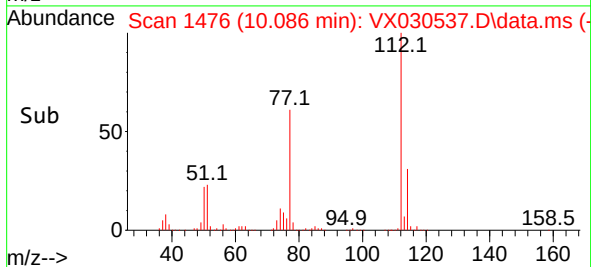
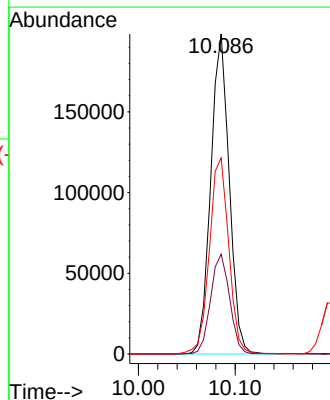
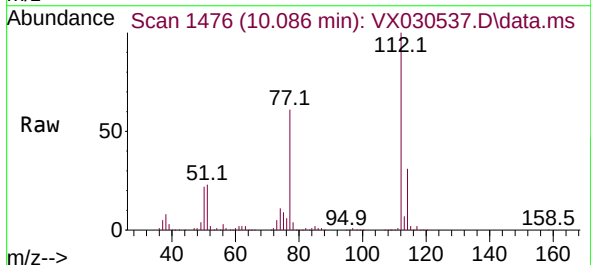
Instrument :
MSVOA_X
ClientSampleId :
VSTD050774

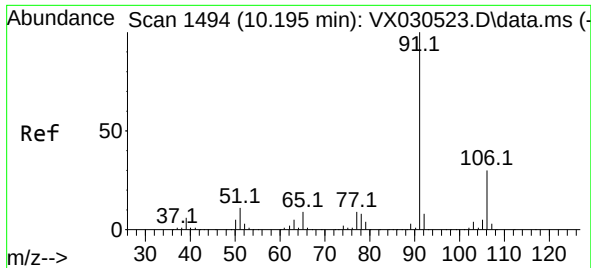
Tgt Ion:107 Resp: 110976
Ion Ratio Lower Upper
107 100
109 90.5 64.8 120.4
188 2.8 2.2 3.2



#51
Chlorobenzene
Concen: 49.064 ug/L
RT: 10.086 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

Tgt Ion:112 Resp: 263108
Ion Ratio Lower Upper
112 100
114 31.2 22.3 41.5
77 61.3 50.8 76.2





#52

Ethylbenzene

Concen: 49.657 ug/L

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX030537.D

Acq: 09 Aug 2022 19:09

Instrument :

MSVOA_X

ClientSampleId :

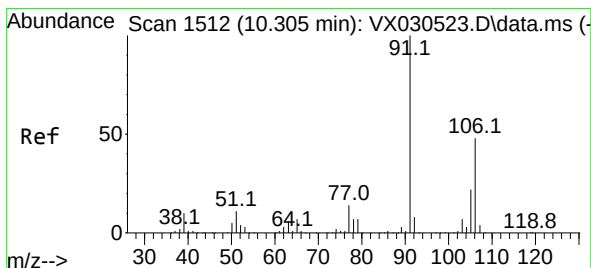
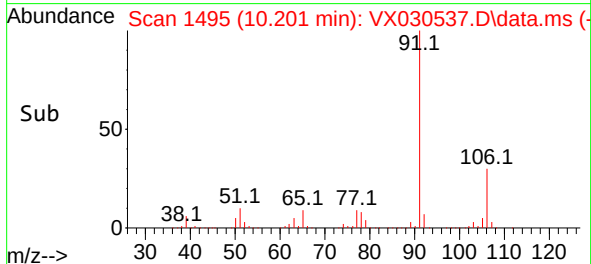
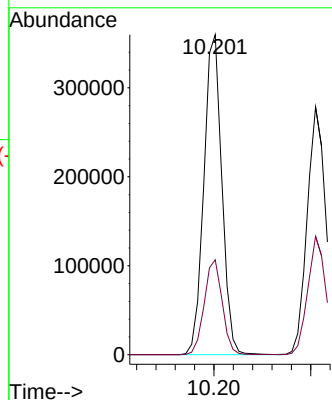
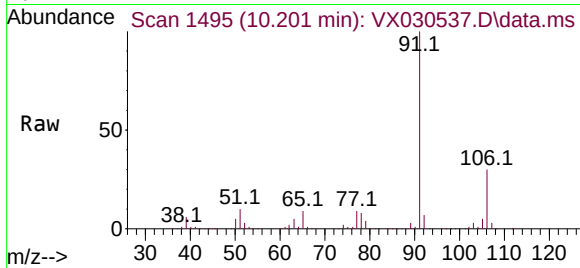
VSTD050774

Tgt Ion: 91 Resp: 466050

Ion Ratio Lower Upper

91 100

106 29.7 21.3 39.5



#53

m,p-Xylene

Concen: 49.199 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX030537.D

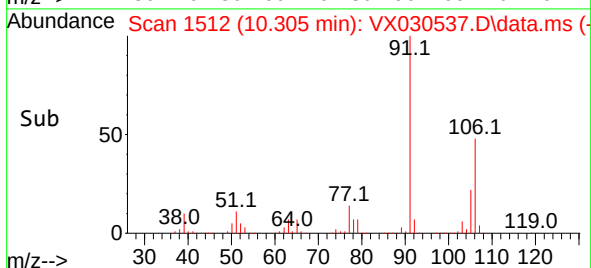
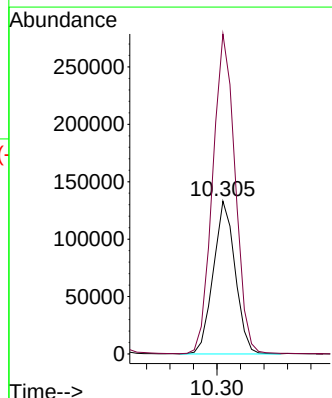
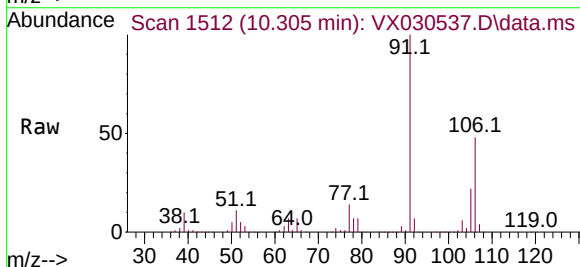
Acq: 09 Aug 2022 19:09

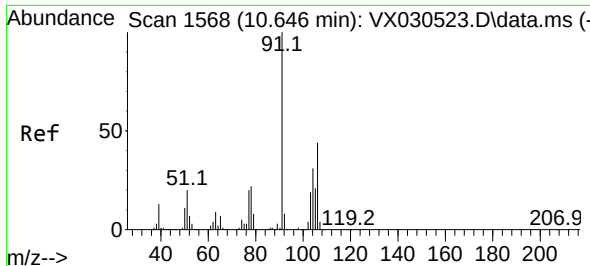
Tgt Ion: 106 Resp: 172109

Ion Ratio Lower Upper

106 100

91 209.5 147.8 274.6

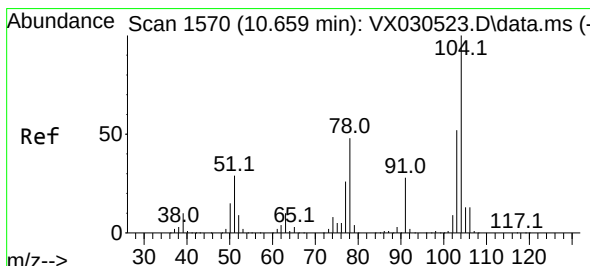
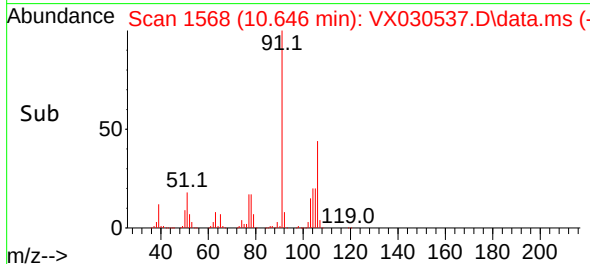
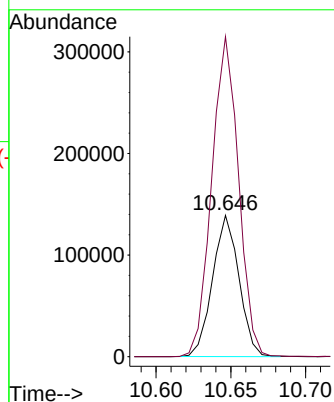
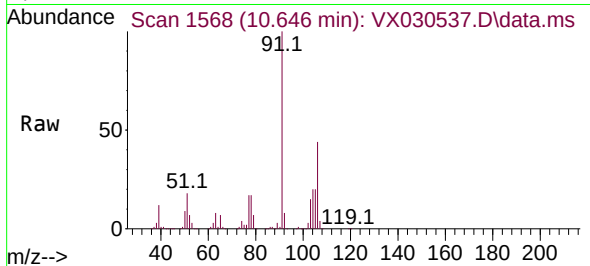




#54
o-Xylene
Concen: 48.998 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

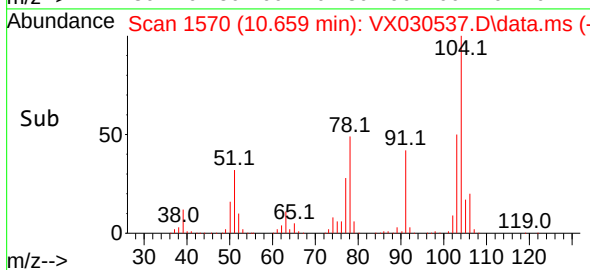
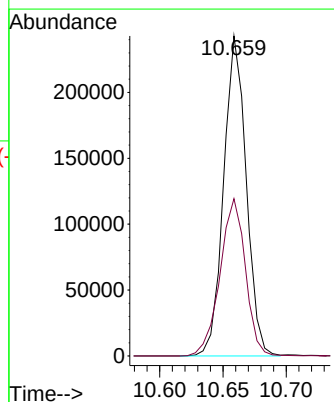
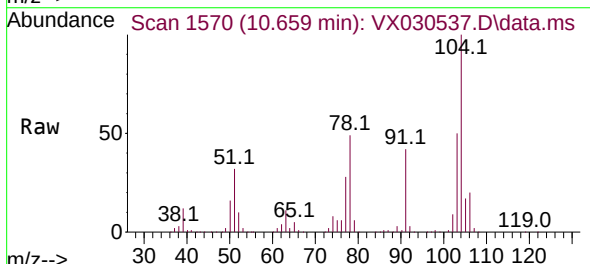
Instrument :
MSVOA_X
ClientSampleId :
VSTD050774

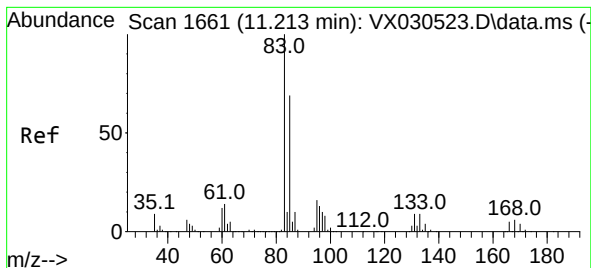
Tgt Ion:106 Resp: 170800
Ion Ratio Lower Upper
106 100
91 226.4 157.8 293.0



#55
Styrene
Concen: 51.250 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

Tgt Ion:104 Resp: 300803
Ion Ratio Lower Upper
104 100
78 49.2 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 55.762 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030537.D

Acq: 09 Aug 2022 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTD050774

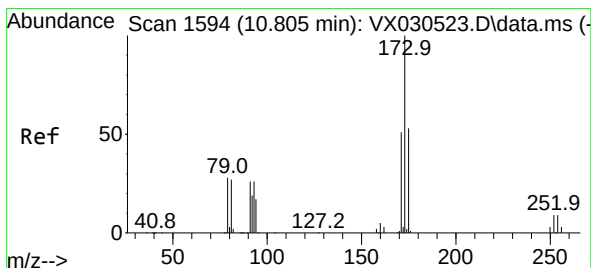
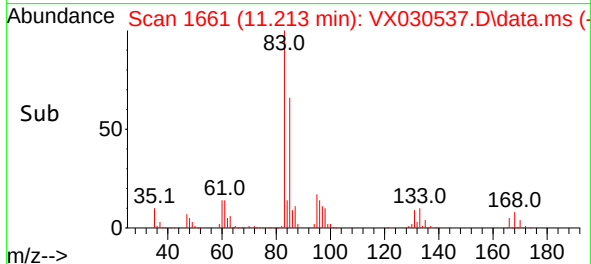
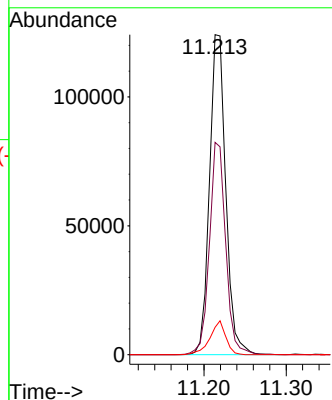
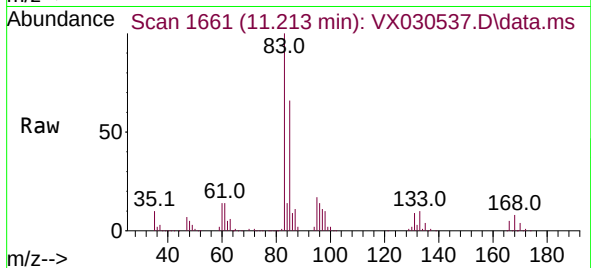
Tgt Ion: 83 Resp: 170922

Ion Ratio Lower Upper

83 100

85 66.4 44.4 82.4

131 8.6 7.5 11.3



#59

Bromoform

Concen: 53.574 ug/L

RT: 10.805 min Scan# 1594

Delta R.T. -0.000 min

Lab File: VX030537.D

Acq: 09 Aug 2022 19:09

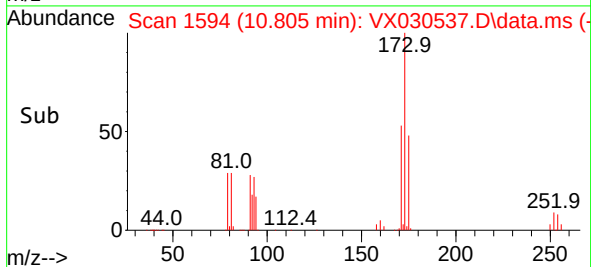
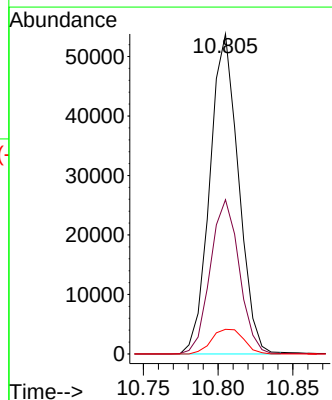
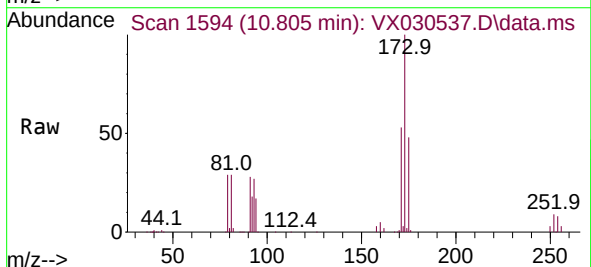
Tgt Ion: 173 Resp: 71800

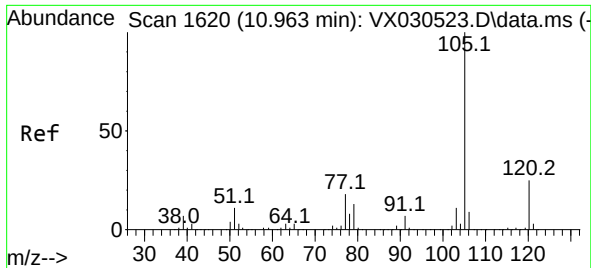
Ion Ratio Lower Upper

173 100

175 48.7 38.9 58.3

254 8.7 7.0 10.4

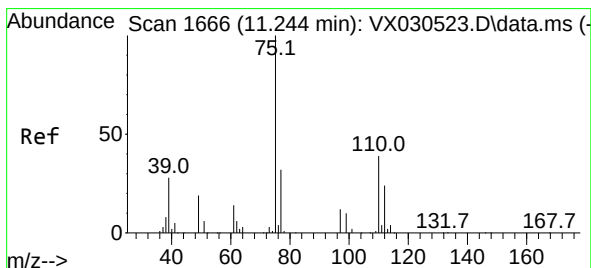
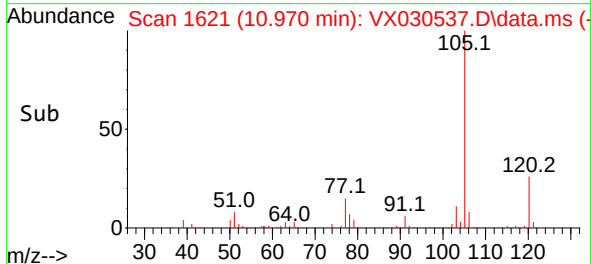
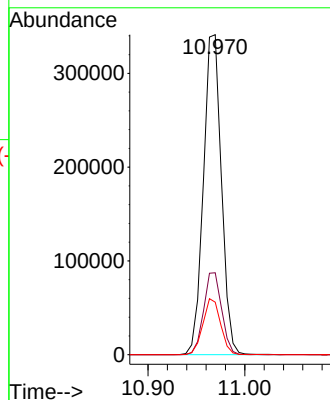
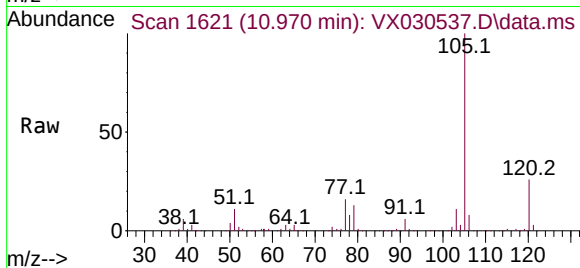




#60
Isopropylbenzene
Concen: 50.726 ug/L
RT: 10.970 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

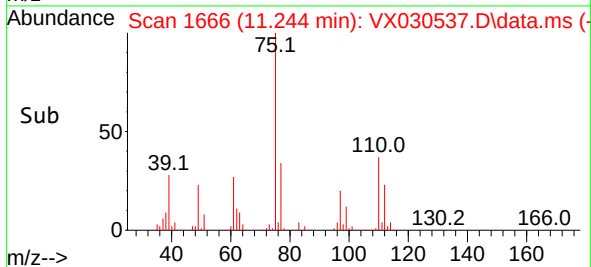
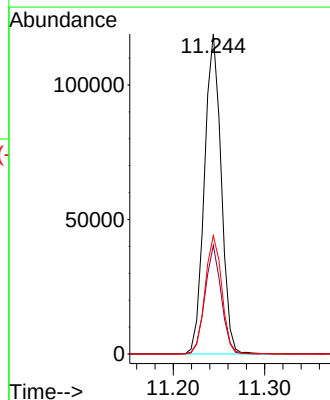
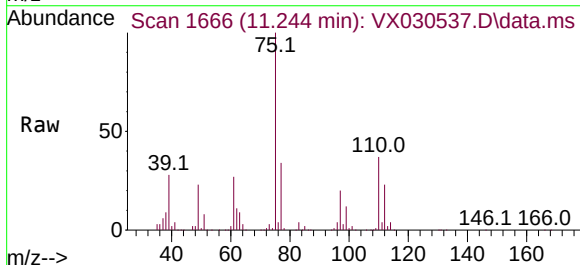
Instrument :
MSVOA_X
ClientSampleId :
VSTD050774

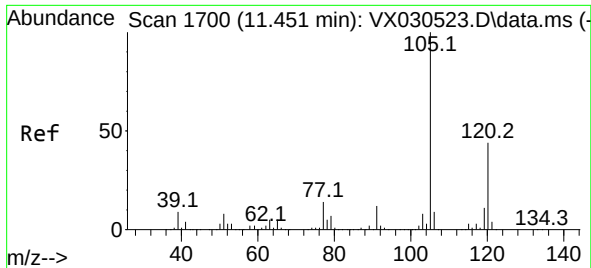
Tgt Ion:105 Resp: 442505
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0
77 17.2 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 57.124 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

Tgt Ion: 75 Resp: 150979
Ion Ratio Lower Upper
75 100
77 32.8 26.1 39.1
110 36.8 30.5 45.7

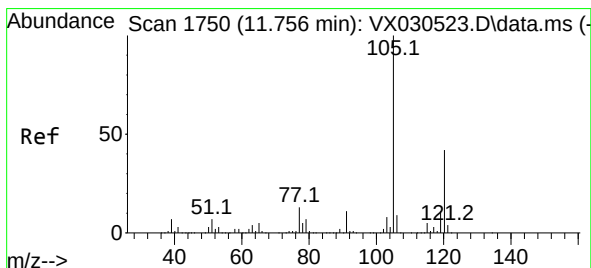
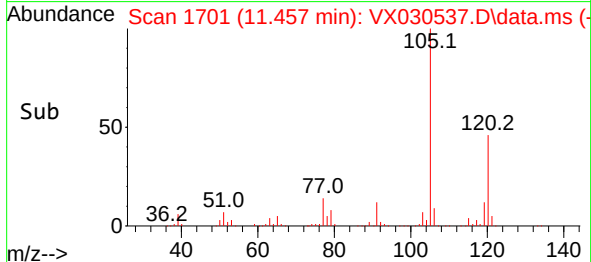
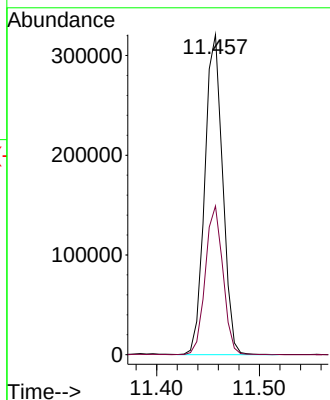
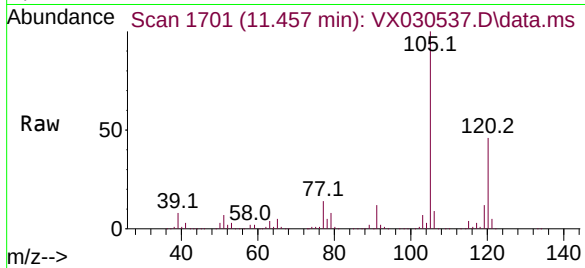




#62
 1,3,5-Trimethylbenzene
 Concen: 52.175 ug/L
 RT: 11.457 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX030537.D
 Acq: 09 Aug 2022 19:09

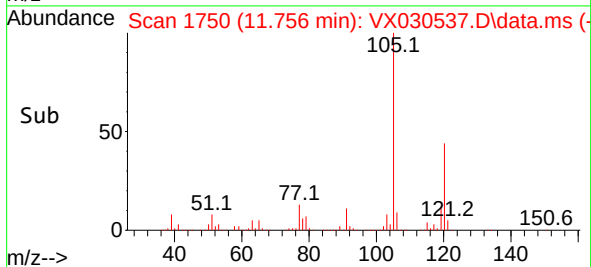
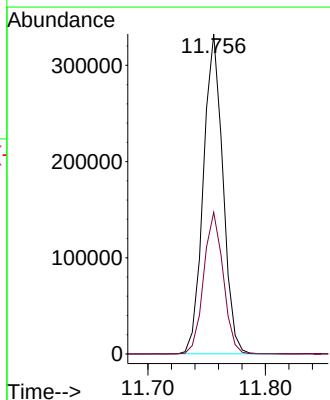
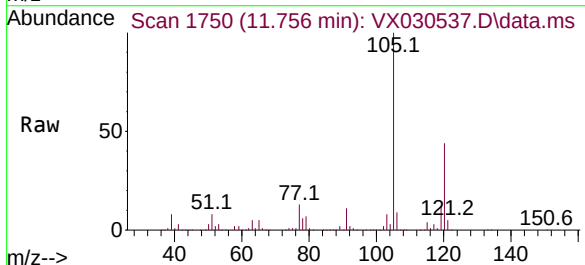
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050774

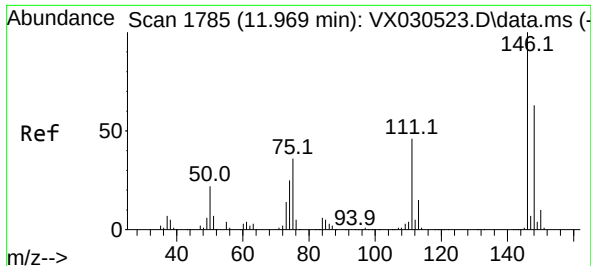
Tgt Ion:105 Resp: 388581
 Ion Ratio Lower Upper
 105 100
 120 45.6 37.2 55.8



#63
 1,2,4-Trimethylbenzene
 Concen: 50.793 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX030537.D
 Acq: 09 Aug 2022 19:09

Tgt Ion:105 Resp: 382028
 Ion Ratio Lower Upper
 105 100
 120 44.2 35.9 53.9

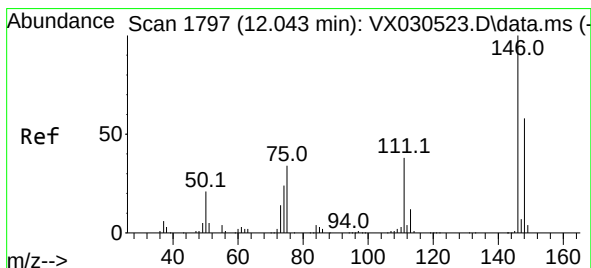
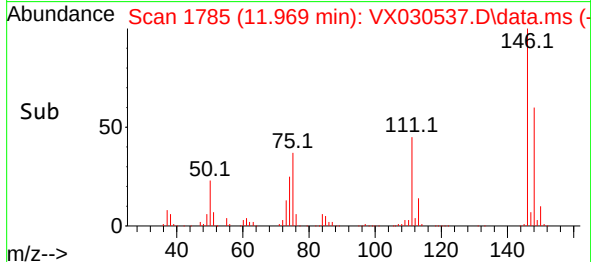
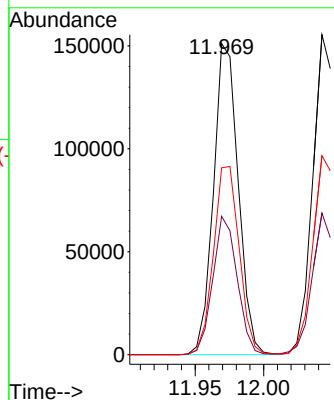
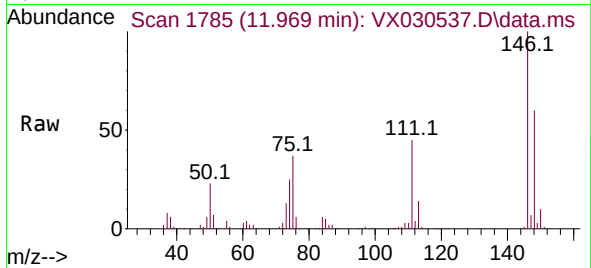




#64
1,3-Dichlorobenzene
Concen: 50.159 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

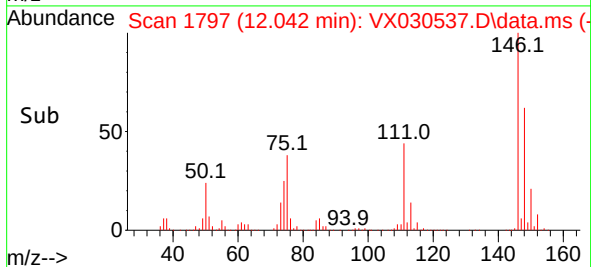
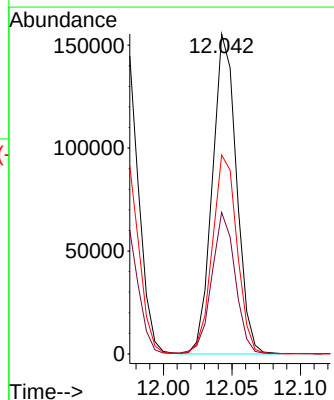
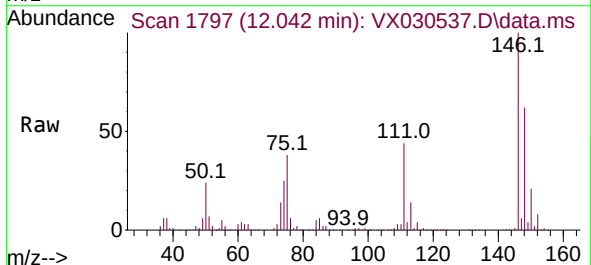
Instrument :
MSVOA_X
ClientSampleId :
VSTD050774

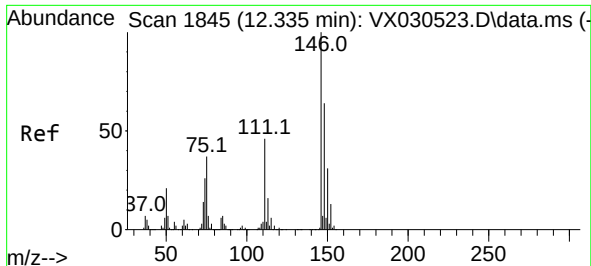
Tgt Ion:146 Resp: 190210
Ion Ratio Lower Upper
146 100
111 44.5 30.9 57.5
148 60.1 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 49.383 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

Tgt Ion:146 Resp: 190372
Ion Ratio Lower Upper
146 100
111 44.3 32.6 60.6
148 62.2 48.3 89.7

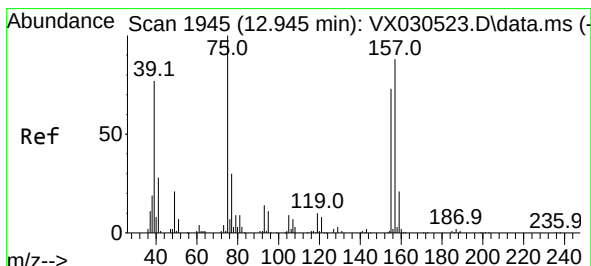
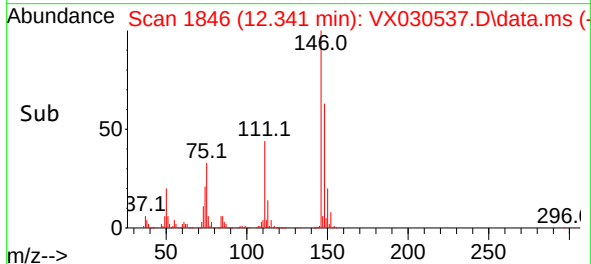
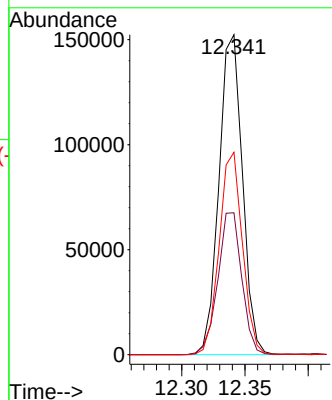
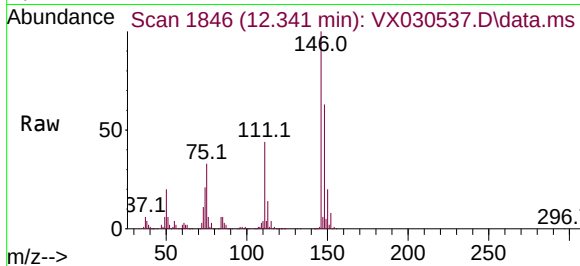




#67
1,2-Dichlorobenzene
Concen: 50.111 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

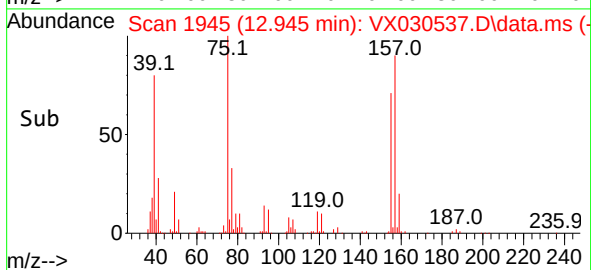
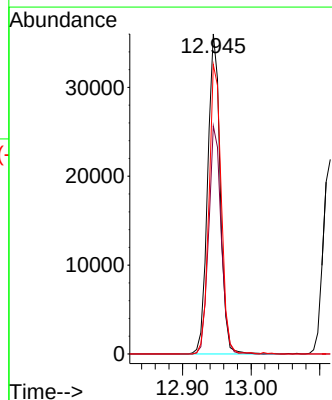
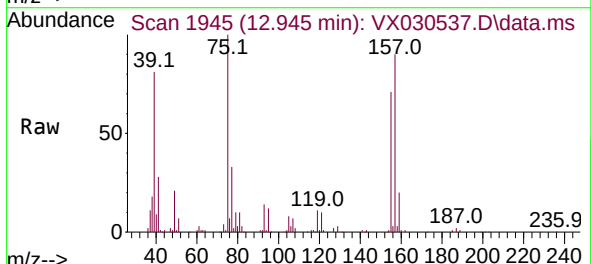
Instrument :
MSVOA_X
ClientSampleId :
VSTD050774

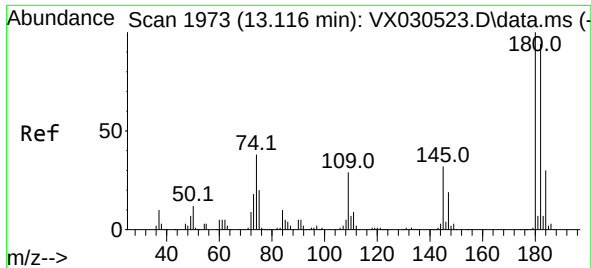
Tgt Ion:146 Resp: 196515
Ion Ratio Lower Upper
146 100
111 44.4 36.9 55.3
148 63.3 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 52.417 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

Tgt Ion: 75 Resp: 45699
Ion Ratio Lower Upper
75 100
155 71.3 57.1 85.7
157 90.4 73.1 109.7

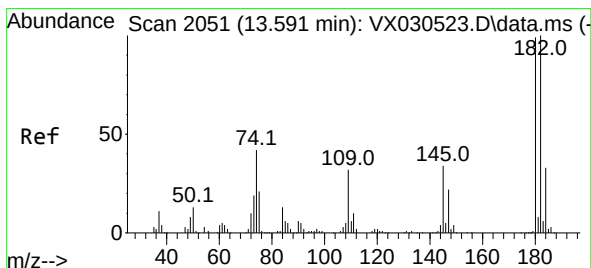
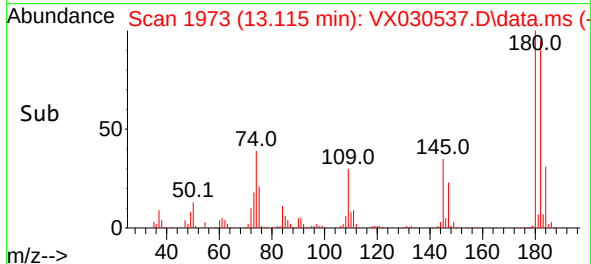
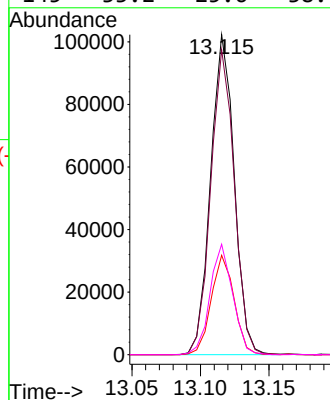
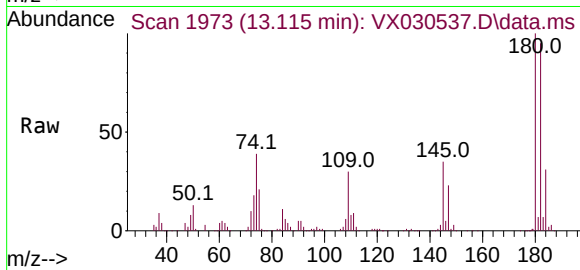




#69
1,3,5-Trichlorobenzene
Concen: 45.986 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

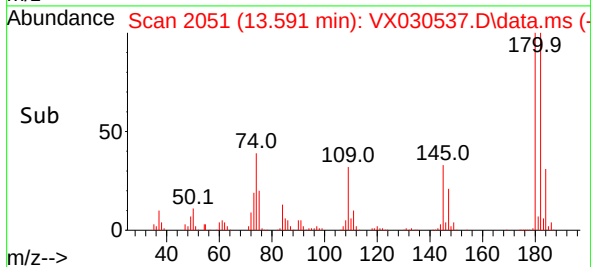
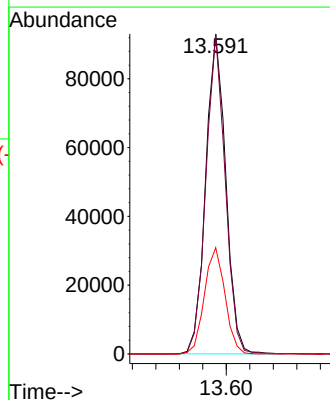
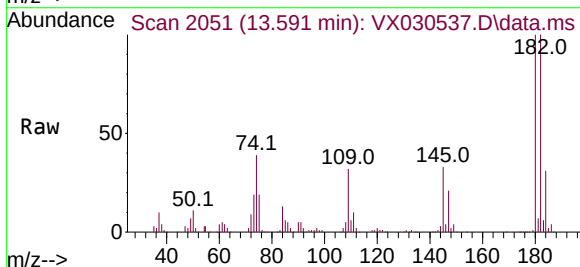
Instrument :
MSVOA_X
ClientSampleId :
VSTD050774

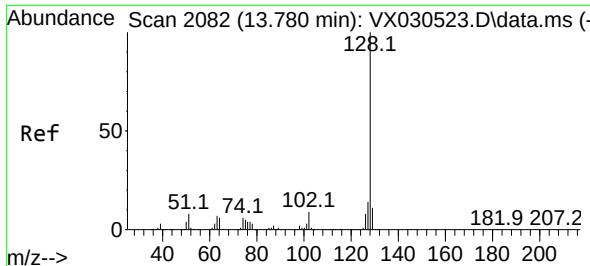
Tgt Ion:	180	Resp:	122294
Ion Ratio	Lower	Upper	
180	100		
182	95.2	73.7	110.5
184	30.1	24.1	36.1
145	33.2	25.6	38.4



#70
1,2,4-trichlorobenzene
Concen: 47.178 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

Tgt Ion:	180	Resp:	110186
Ion Ratio	Lower	Upper	
180	100		
182	95.4	72.7	109.1
145	34.0	26.6	40.0

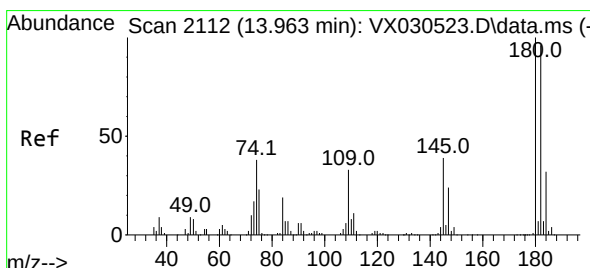
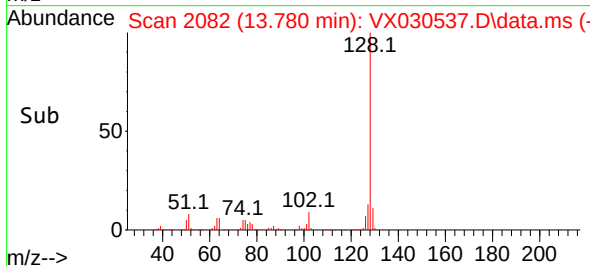
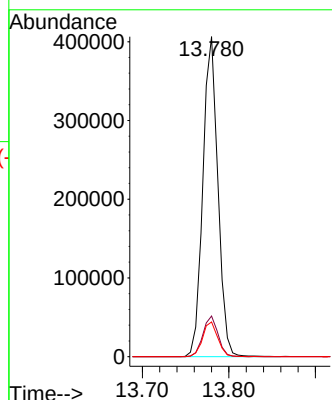
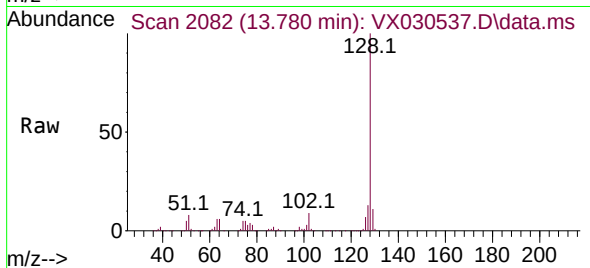




#71
Naphthalene
Concen: 50.655 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTD050774

Tgt Ion:128 Resp: 489721
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 47.280 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030537.D
Acq: 09 Aug 2022 19:09

Tgt Ion:180 Resp: 116644
Ion Ratio Lower Upper
180 100
182 96.4 74.6 112.0
145 36.2 28.4 42.6

