

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061422\
 Data File : VX029457.D
 Acq On : 14 Jun 2022 10:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050757

Quant Time: Jun 15 05:36:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 14 06:26:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	387489	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	357306	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	189438	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	122251	40.748	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.500%		
7) Chloroethane-d5	1.666	69	96881	51.961	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	103.920%		
11) 1,1-Dichloroethene-d2	2.306	63	239525	44.312	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.620%		
21) 2-Butanone-d5	4.458	46	229932	101.082	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.080%		
24) Chloroform-d	5.062	84	270322	47.191	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.380%		
26) 1,2-Dichloroethane-d4	5.958	65	166923	45.072	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.140%		
32) Benzene-d6	5.976	84	512397	45.911	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.820%		
36) 1,2-Dichloropropane-d6	7.312	67	159999	48.946	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.900%		
41) Toluene-d8	8.653	98	466732	44.358	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.720%		
43) trans-1,3-Dichloroprop...	8.952	79	75968	47.130	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.260%		
47) 2-Hexanone-d5	9.384	63	187328	105.951	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.950%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	248397	51.823	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.640%		
66) 1,2-Dichlorobenzene-d4	12.323	152	187482	47.603	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	199547	53.671	ug/L	99
3) Chloromethane	1.294	50	179736	51.546	ug/L	98
5) Vinyl chloride	1.374	62	180765	53.557	ug/L	98
6) Bromomethane	1.611	94	76629	48.388	ug/L	97
8) Chloroethane	1.691	64	103245	59.657	ug/L	96
9) Trichlorofluoromethane	1.886	101	250016	51.804	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	157411	55.395	ug/L	98
12) 1,1-Dichloroethene	2.319	96	142841	54.367	ug/L	82
13) Acetone	2.386	43	179223	118.215	ug/L	93
14) Carbon disulfide	2.514	76	385663	53.527	ug/L	99
15) Methyl Acetate	2.703	43	160082	53.227	ug/L	92
16) Methylene chloride	2.788	84	157067	53.945	ug/L	92
17) trans-1,2-Dichloroethene	3.093	96	152947	54.356	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	493899	52.403	ug/L	97
19) 1,1-Dichloroethane	3.611	63	268518	54.025	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	171843	54.033	ug/L	94
22) 2-Butanone	4.562	43	251959	110.398	ug/L	95
23) Bromochloromethane	4.897	128	84025	53.381	ug/L	95
25) Chloroform	5.092	83	295521	53.769	ug/L	98

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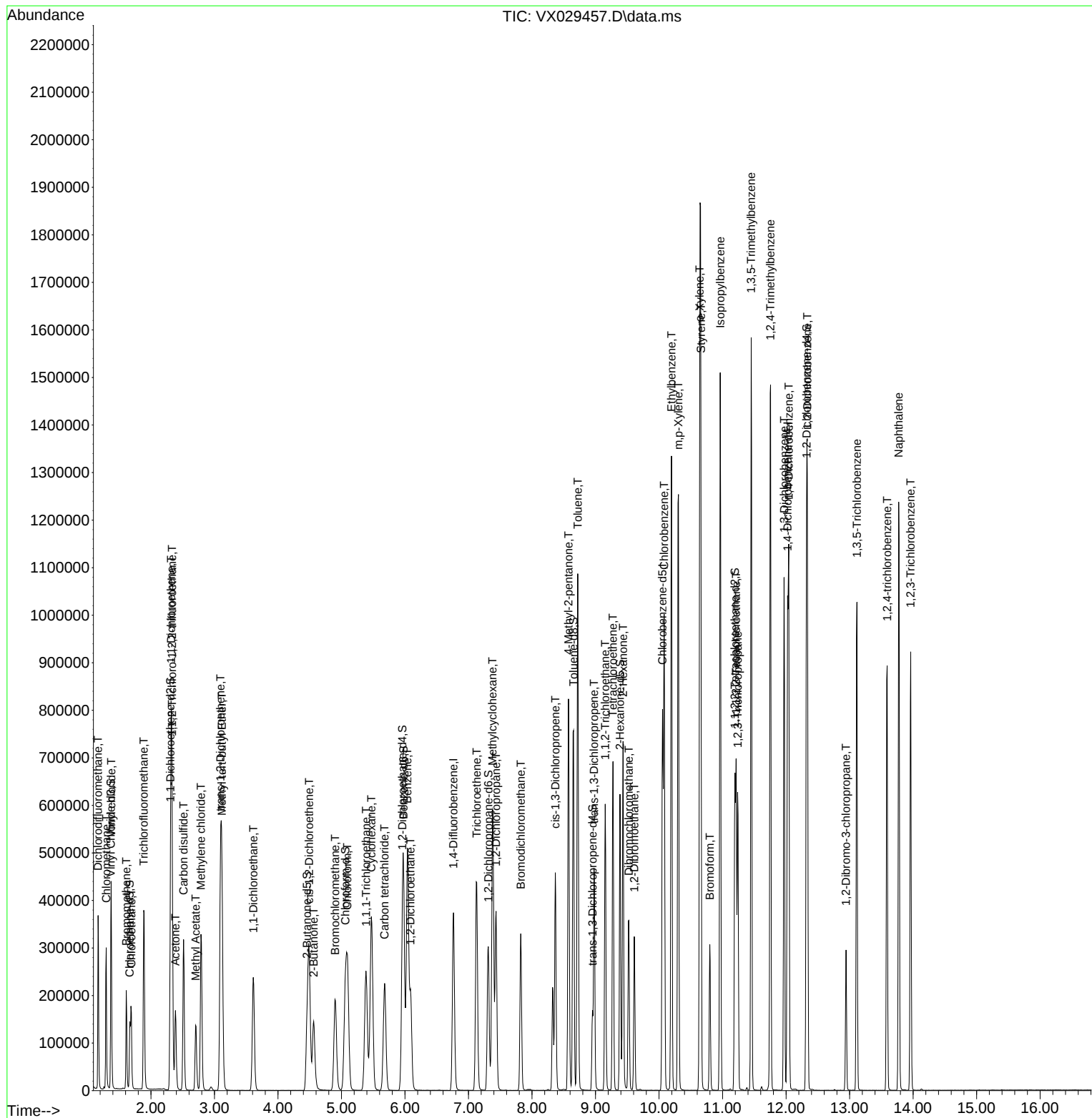
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	219660	52.309	ug/L	100
29) Cyclohexane	5.470	56	260926	54.711	ug/L	93
30) 1,1,1-Trichloroethane	5.385	97	257612	51.986	ug/L	98
31) Carbon tetrachloride	5.678	117	210633	52.953	ug/L	100
33) Benzene	6.037	78	639056	54.694	ug/L	100
34) Trichloroethene	7.129	95	179122	43.498	ug/L	97
35) Methylcyclohexane	7.379	83	293506	56.458	ug/L	97
37) 1,2-Dichloropropane	7.434	63	156037	54.778	ug/L	99
38) Bromodichloromethane	7.824	83	216029	53.281	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	252137	55.382	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	457746	107.504	ug/L	93
42) Toluene	8.720	91	703184	55.228	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	230548	53.987	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	164660	54.727	ug/L	99
46) Tetrachloroethene	9.275	164	129034	54.588	ug/L	97
48) 2-Hexanone	9.433	43	359739	109.069	ug/L #	92
49) Dibromochloromethane	9.525	129	167397	53.363	ug/L	98
50) 1,2-Dibromoethane	9.610	107	173134	53.921	ug/L	97
51) Chlorobenzene	10.079	112	444835	55.037	ug/L	98
52) Ethylbenzene	10.195	91	783012	56.193	ug/L	100
53) m,p-Xylene	10.305	106	307018	56.130	ug/L	94
54) o-Xylene	10.640	106	302398	56.055	ug/L	98
55) Styrene	10.659	104	518844	57.207	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	258516	55.444	ug/L	100
59) Bromoform	10.799	173	108331	51.359	ug/L	100
60) Isopropylbenzene	10.963	105	805314	54.426	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	207832	52.454	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	691200	54.697	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	687792	54.817	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	340139	55.492	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	342332	55.325	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	338506	54.754	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	56720	52.049	ug/L	94
69) 1,3,5-Trichlorobenzene	13.115	180	238774	56.926	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	215889	57.149	ug/L	98
71) Naphthalene	13.774	128	784062	56.356	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	210562	55.176	ug/L	99

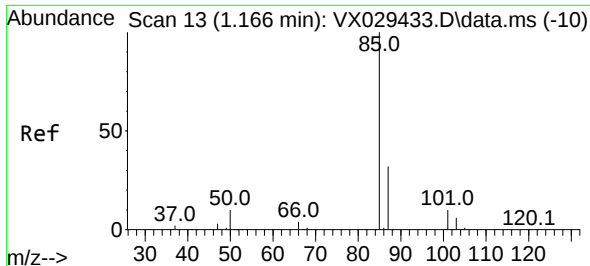
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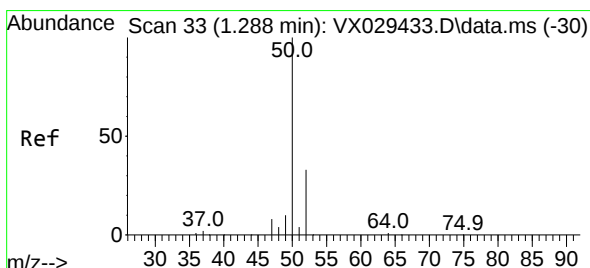
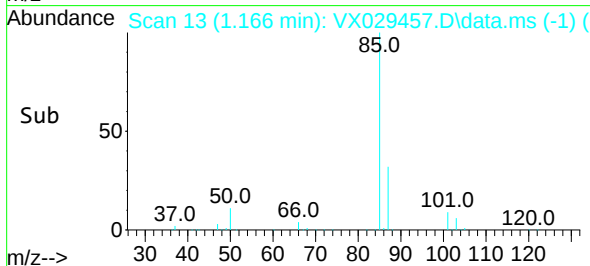
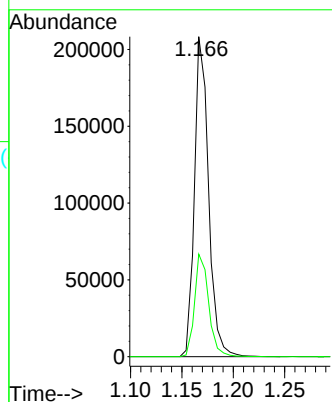
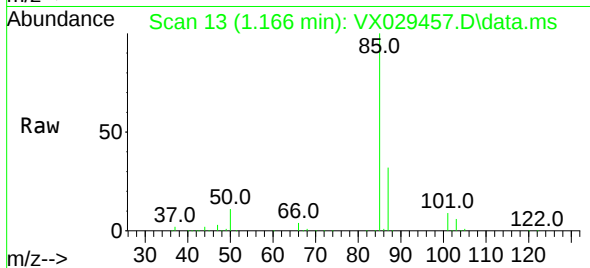




#2
Dichlorodifluoromethane
Concen: 53.671 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

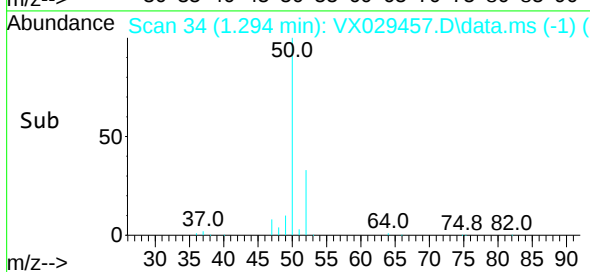
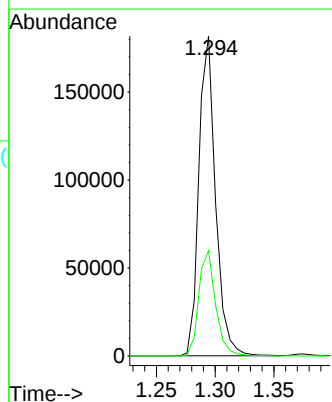
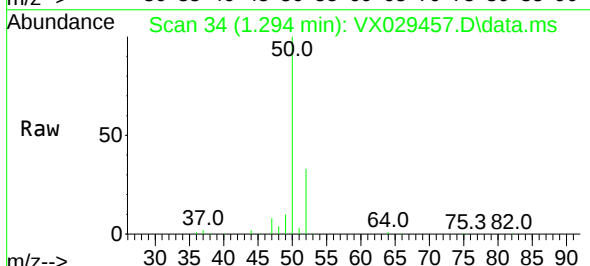
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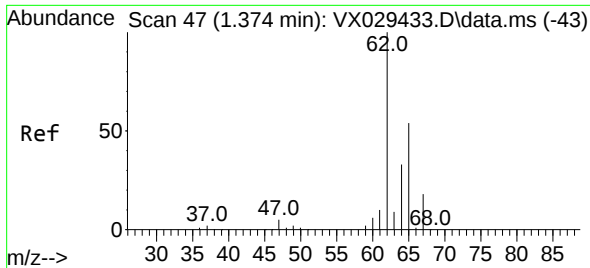
Tgt Ion: 85 Resp: 199547
Ion Ratio Lower Upper
85 100
87 32.0 25.9 38.9



#3
Chloromethane
Concen: 51.546 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

Tgt Ion: 50 Resp: 179736
Ion Ratio Lower Upper
50 100
52 32.9 22.5 41.7

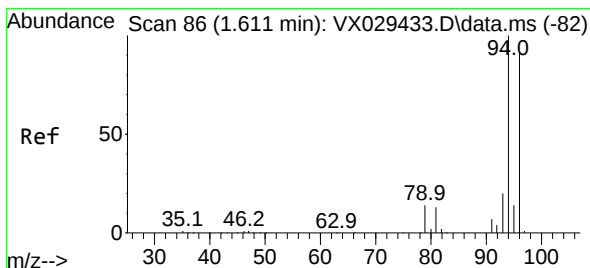
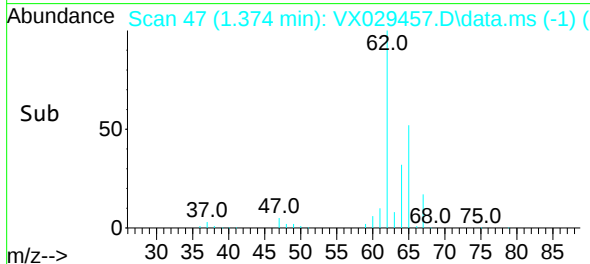
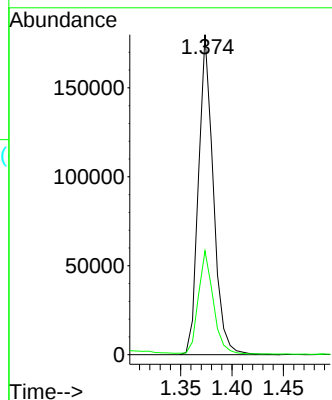
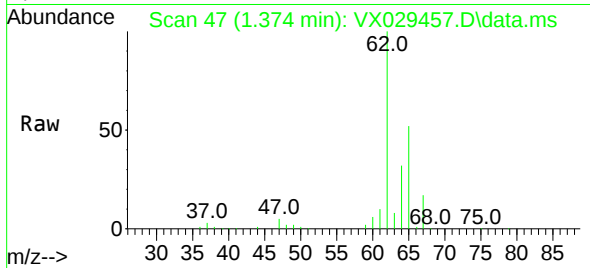




#5
 Vinyl chloride
 Concen: 53.557 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029457.D
 Acq: 14 Jun 2022 10:32

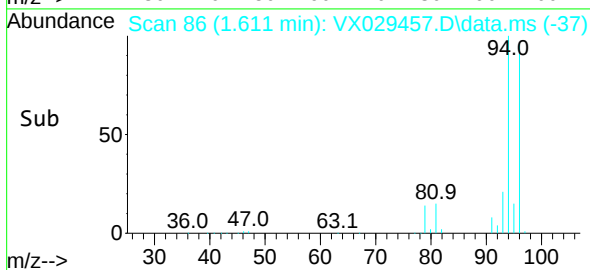
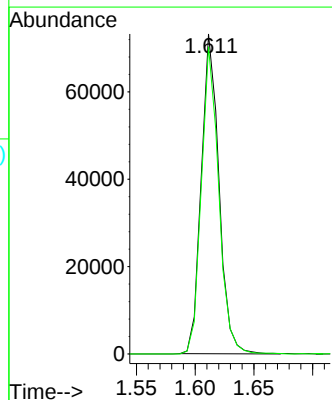
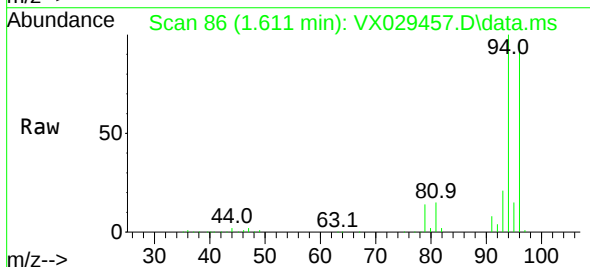
Instrument :
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 ClientSampleId :
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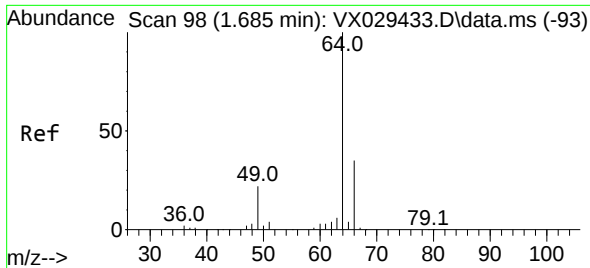
Tgt Ion: 62 Resp: 180765
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.3 43.3



#6
 Bromomethane
 Concen: 48.388 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VX029457.D
 Acq: 14 Jun 2022 10:32

Tgt Ion: 94 Resp: 76629
 Ion Ratio Lower Upper
 94 100
 96 96.0 64.9 120.5

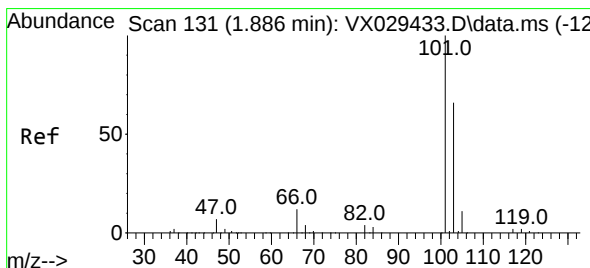
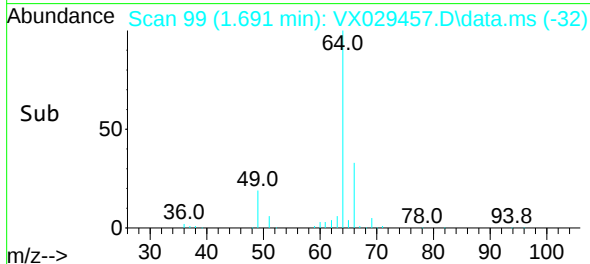
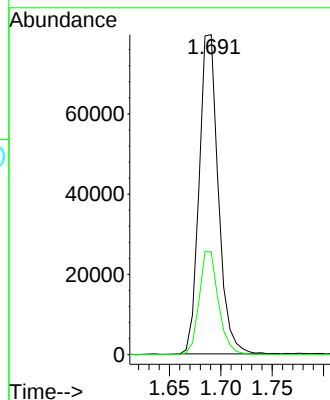
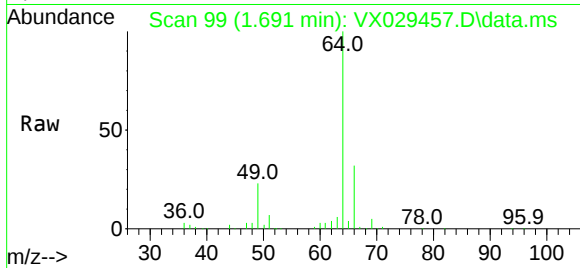




#8
Chloroethane
Concen: 59.657 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

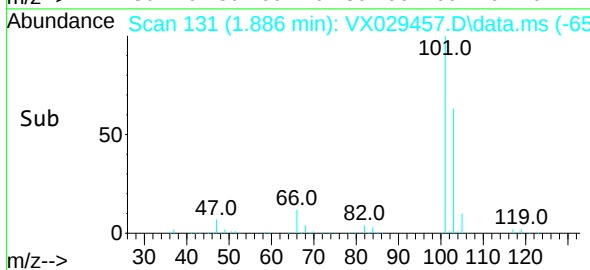
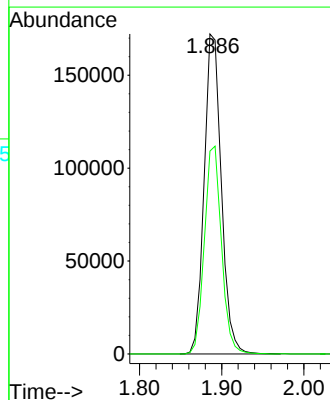
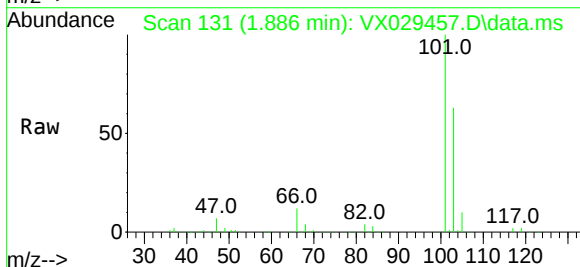
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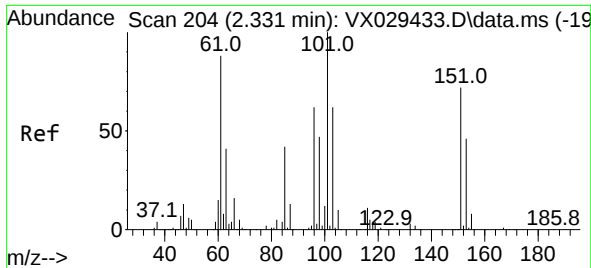
Tgt Ion: 64 Resp: 103245
Ion Ratio Lower Upper
64 100
66 32.1 24.2 45.0



#9
Trichlorofluoromethane
Concen: 51.804 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

Tgt Ion:101 Resp: 250016
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.8

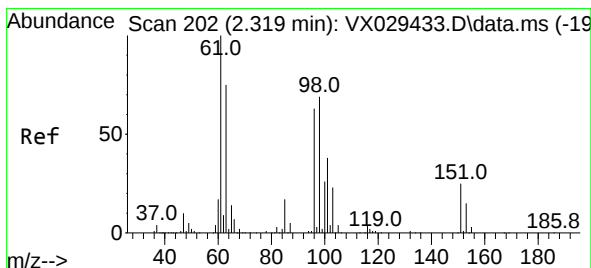
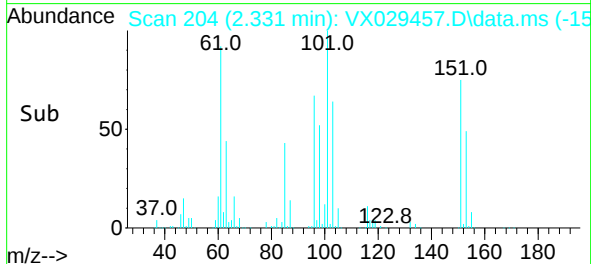
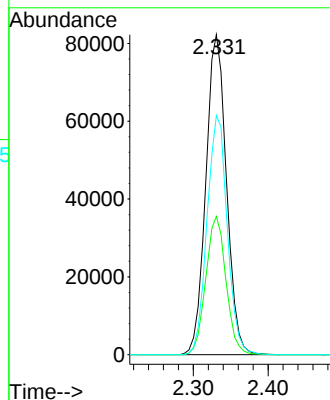
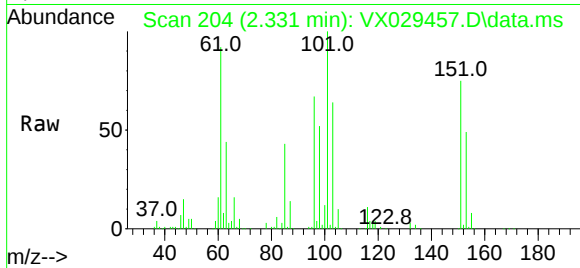




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 55.395 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX029457.D
 Acq: 14 Jun 2022 10:32

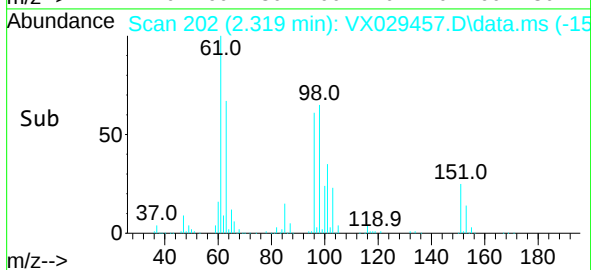
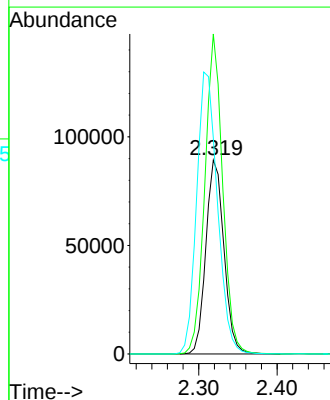
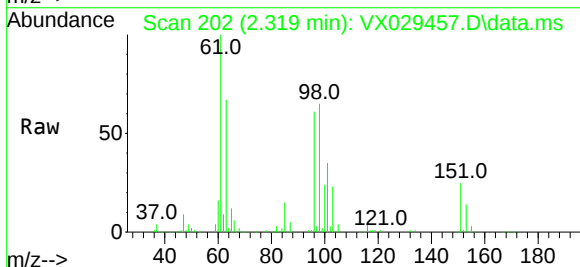
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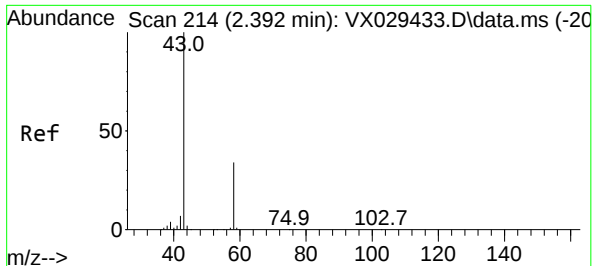
Tgt Ion:101 Resp: 157411
 Ion Ratio Lower Upper
 101 100
 85 42.3 33.9 50.9
 151 73.6 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 54.367 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX029457.D
 Acq: 14 Jun 2022 10:32

Tgt Ion: 96 Resp: 142841
 Ion Ratio Lower Upper
 96 100
 61 165.0 118.2 219.4
 63 111.3 109.6 203.4

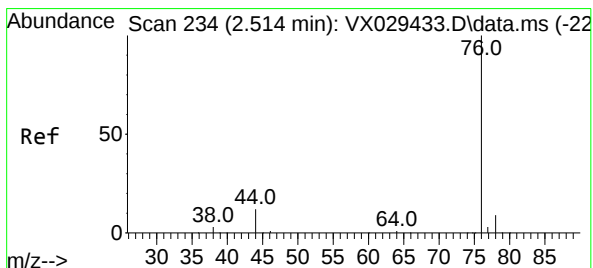
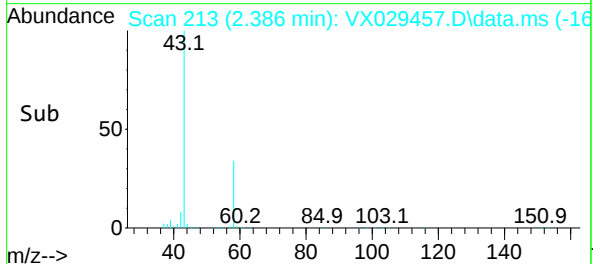
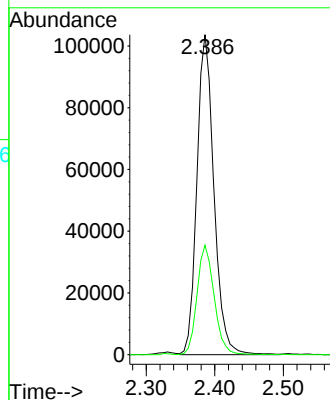
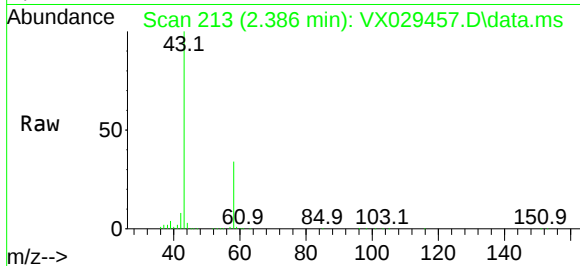




#13
Acetone
Concen: 118.215 ug/L
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX029457.D
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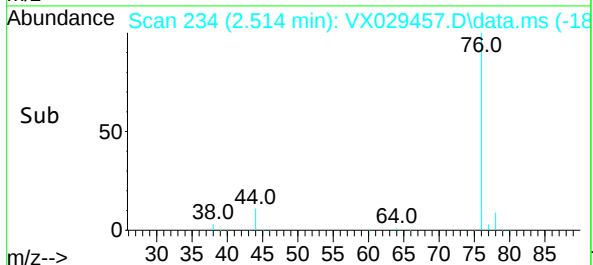
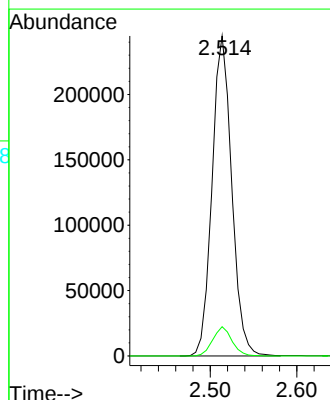
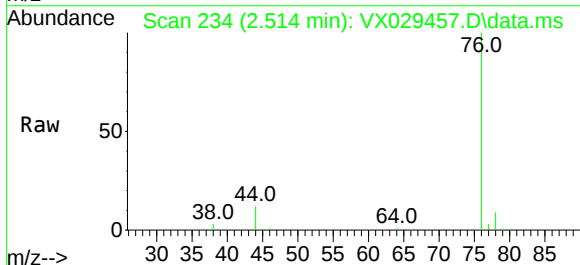
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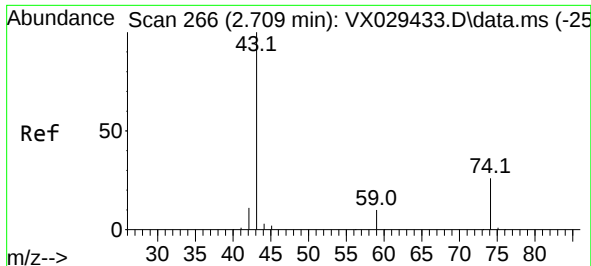
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Ion Ratio Lower Upper
43 100
58 34.5 0.0 61.4



#14
Carbon disulfide
Concen: 53.527 ug/L
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX029457.D
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Tgt Ion: 76 Resp: 385663
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

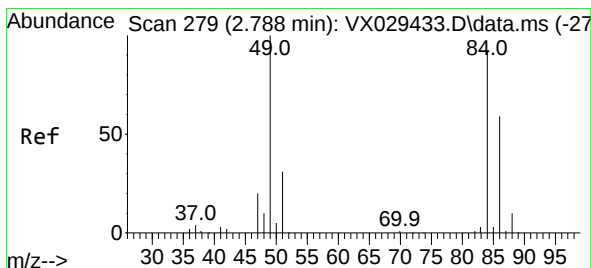
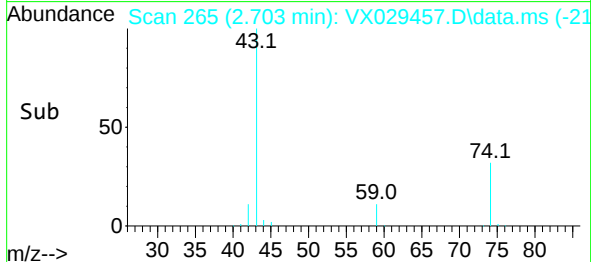
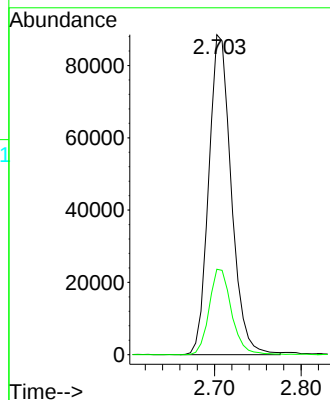
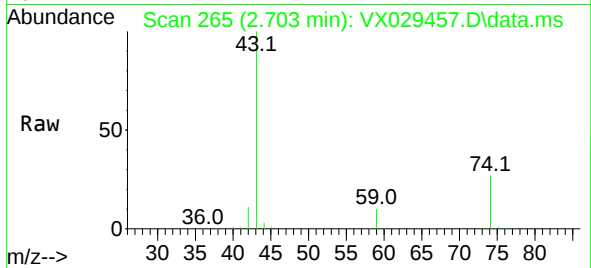




#15
Methyl Acetate
Concen: 53.227 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

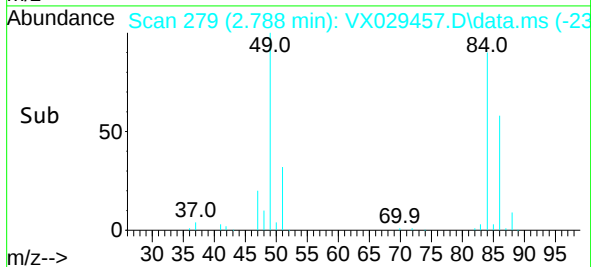
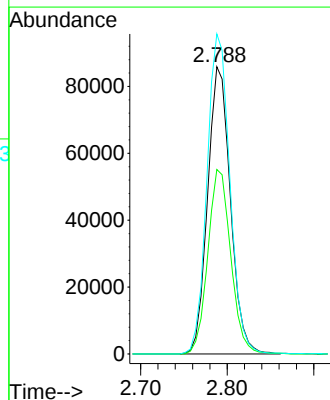
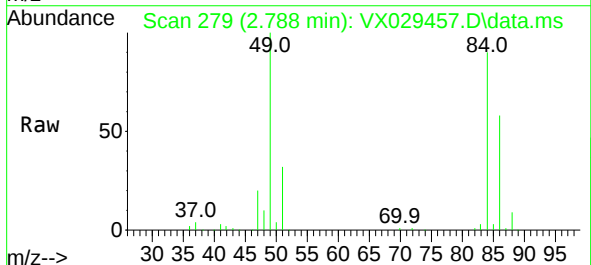
Instrument :
MSVOA_X
ClientSampleId :
VSTD050757

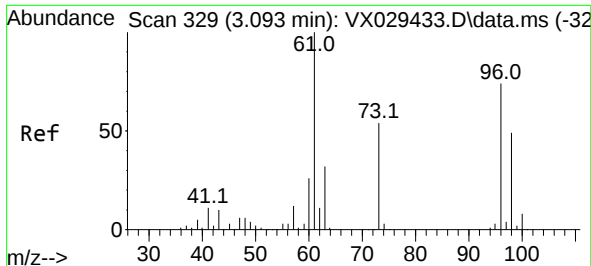
Tgt Ion: 43 Resp: 160082
Ion Ratio Lower Upper
43 100
74 26.5 18.2 27.4



#16
Methylene chloride
Concen: 53.945 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

Tgt Ion: 84 Resp: 157067
Ion Ratio Lower Upper
84 100
86 64.2 44.8 83.2
49 111.4 87.0 161.6

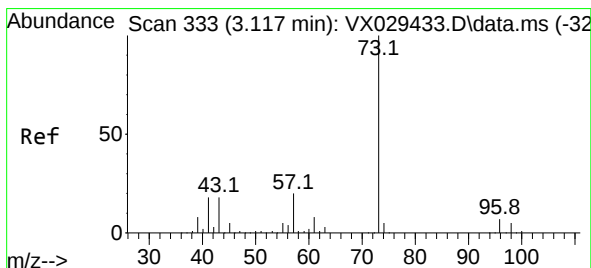
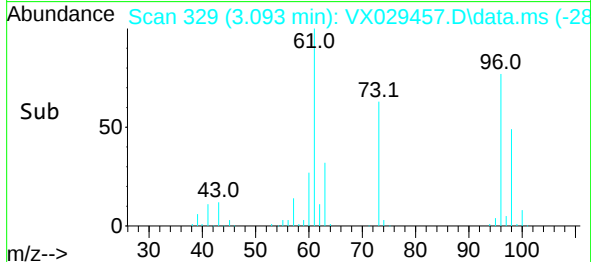
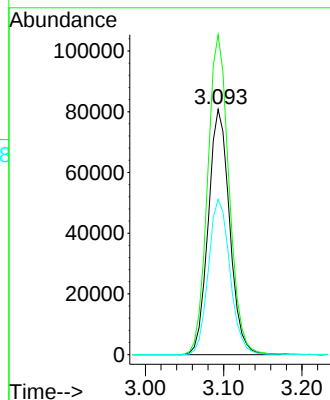
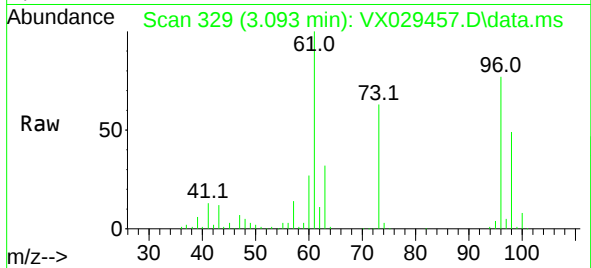




#17
trans-1,2-Dichloroethene
Concen: 54.356 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

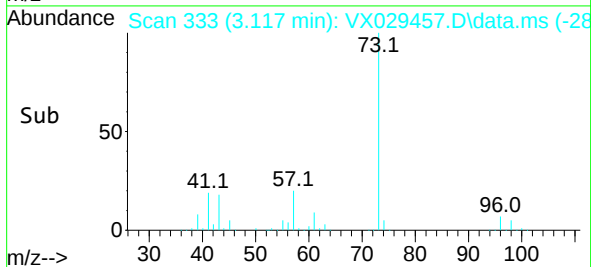
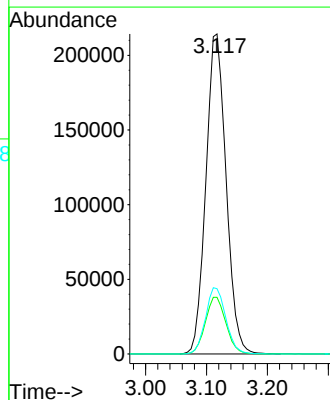
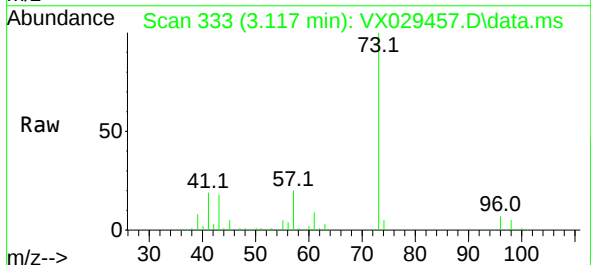
Instrument :
MSVOA_X
ClientSampleId :
VSTD050757

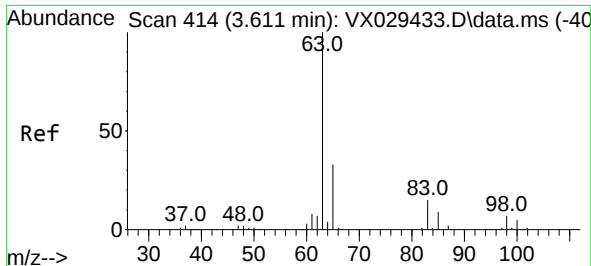
Tgt Ion: 96 Resp: 152947
Ion Ratio Lower Upper
96 100
61 130.4 93.0 172.6
98 63.4 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 52.403 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

Tgt Ion: 73 Resp: 493899
Ion Ratio Lower Upper
73 100
43 18.1 16.2 24.4
57 20.8 17.1 25.7

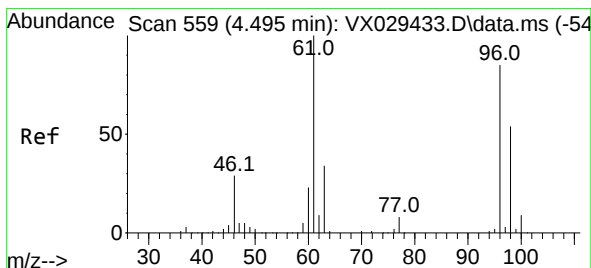
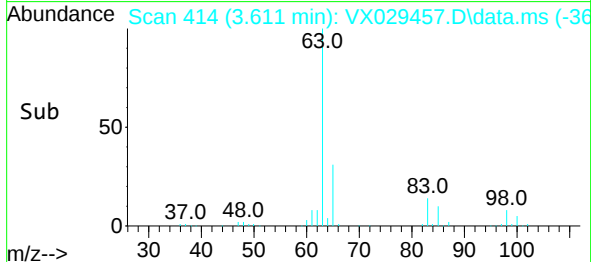
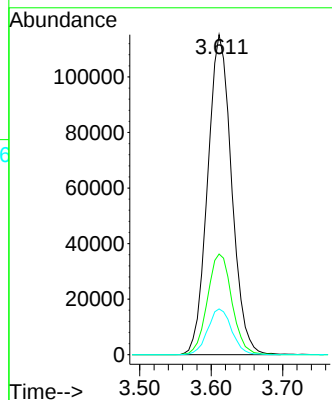
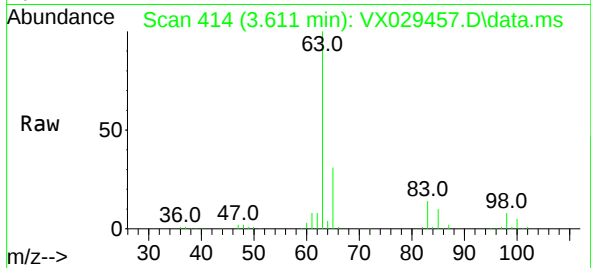




#19
1,1-Dichloroethane
Concen: 54.025 ug/L
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

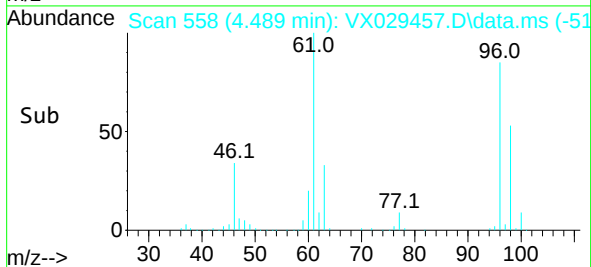
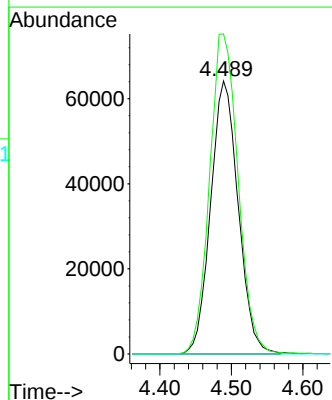
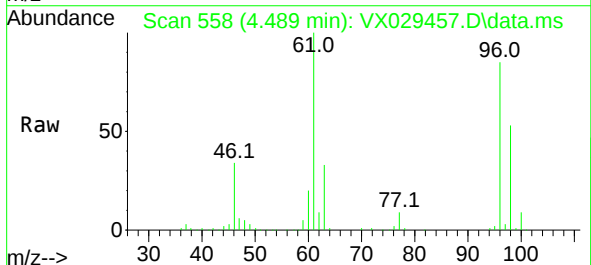
Instrument :
MSVOA_X
ClientSampleId :
VSTD050757

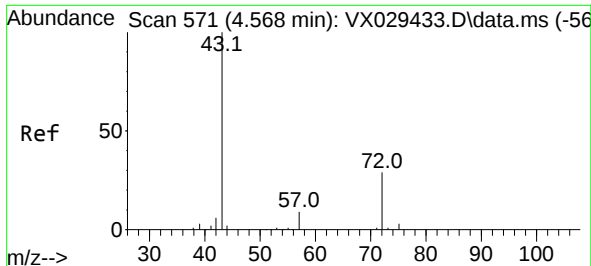
Tgt Ion: 63 Resp: 268518
Ion Ratio Lower Upper
63 100
65 31.5 22.9 42.5
83 14.3 10.1 18.9



#20
cis-1,2-Dichloroethene
Concen: 54.033 ug/L
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

Tgt Ion: 96 Resp: 171843
Ion Ratio Lower Upper
96 100
61 117.2 86.7 161.1
68 0.0 0.0 0.0

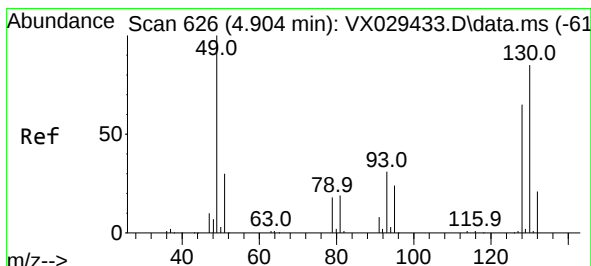
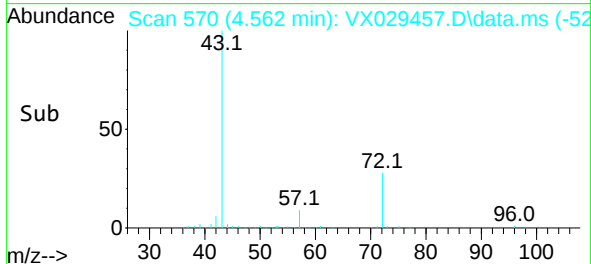
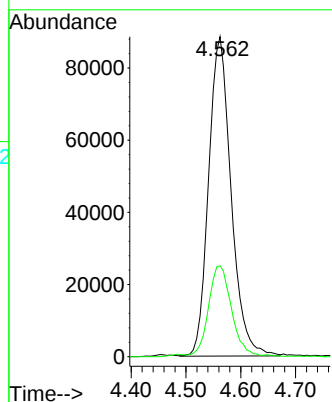
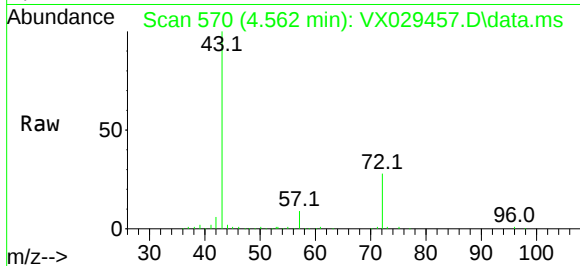




#22
2-Butanone
Concen: 110.398 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

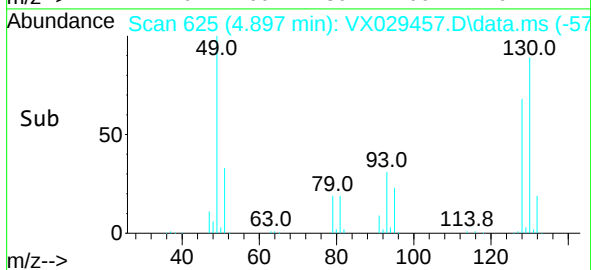
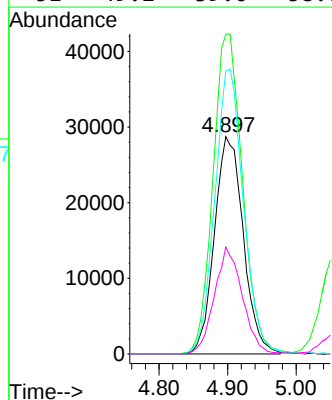
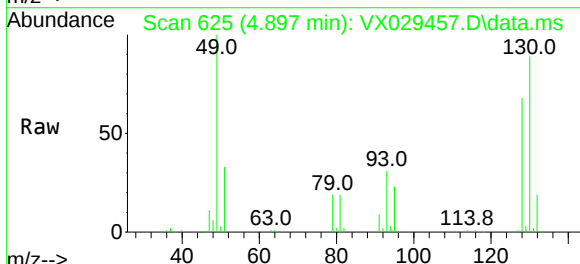
Instrument :
MSVOA_X
ClientSampleId :
VSTD050757

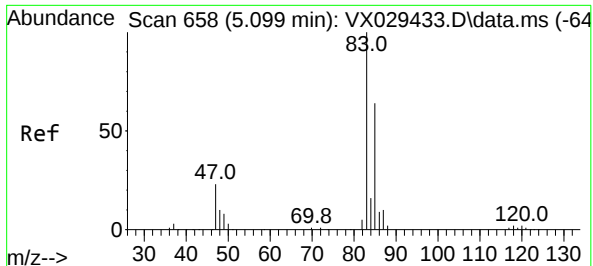
Tgt Ion: 43 Resp: 251959
Ion Ratio Lower Upper
43 100
72 29.1 13.2 39.5



#23
Bromochloromethane
Concen: 53.381 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

Tgt Ion: 128 Resp: 84025
Ion Ratio Lower Upper
128 100
49 147.1 110.2 204.6
130 130.2 88.2 163.8
51 49.2 39.0 58.6





#25

Chloroform

Concen: 53.769 ug/L

RT: 5.092 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX029457.D

Acq: 14 Jun 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

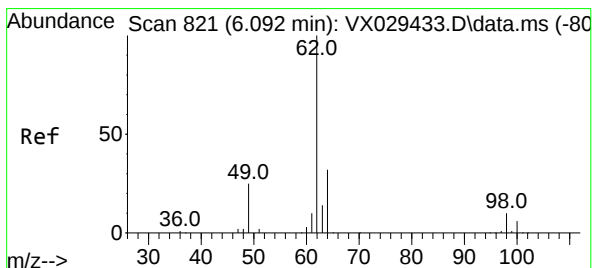
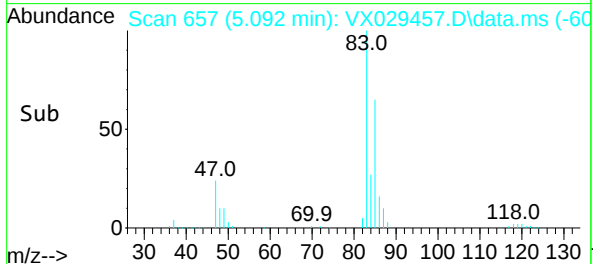
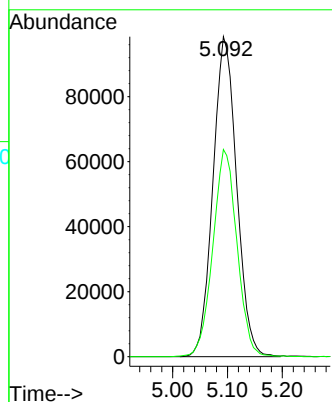
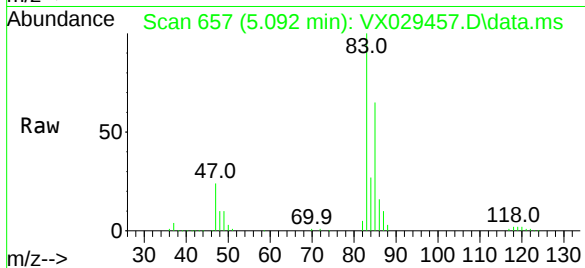
VSTD050757

Tgt Ion: 83 Resp: 295521

Ion Ratio Lower Upper

83 100

85 64.8 44.2 82.2



#27

1,2-Dichloroethane

Concen: 52.309 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.006 min

Lab File: VX029457.D

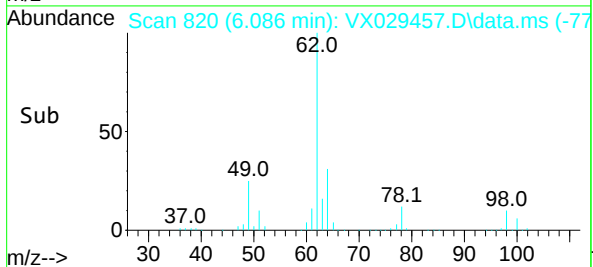
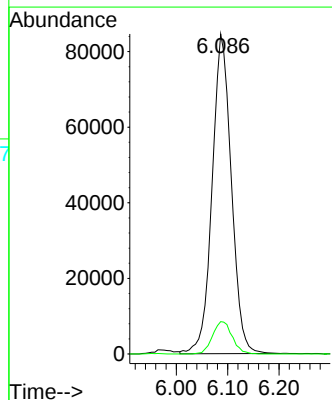
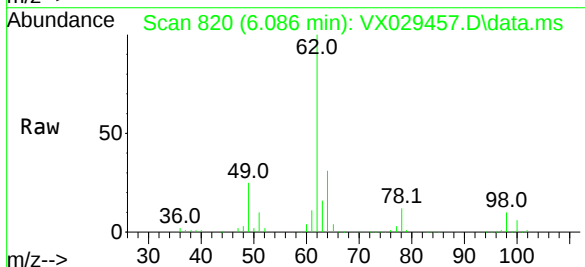
Acq: 14 Jun 2022 10:32

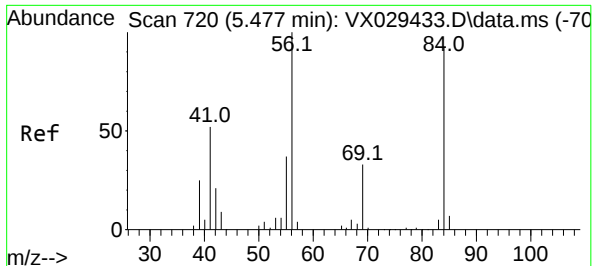
Tgt Ion: 62 Resp: 219660

Ion Ratio Lower Upper

62 100

98 10.1 8.2 12.2

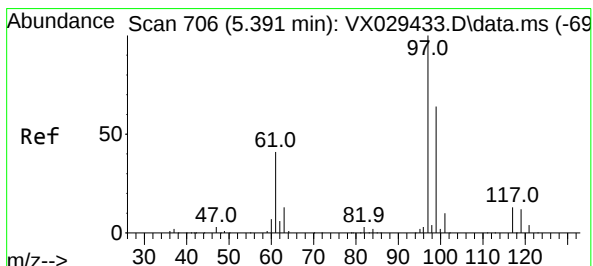
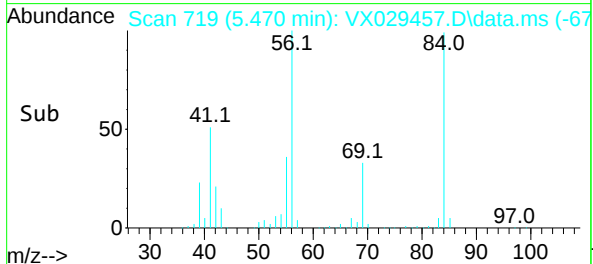
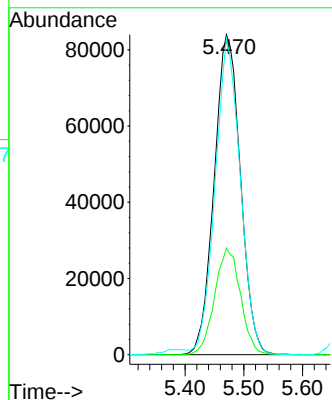
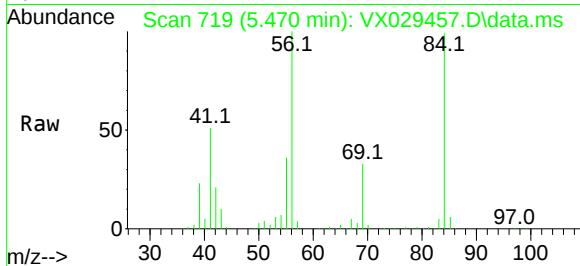




#29
Cyclohexane
Concen: 54.711 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

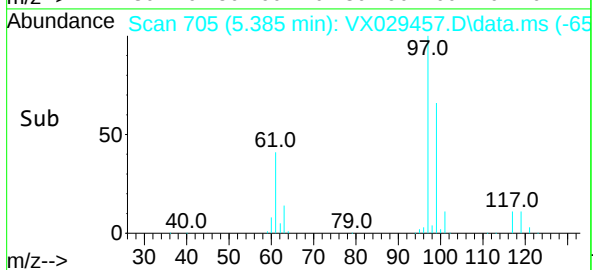
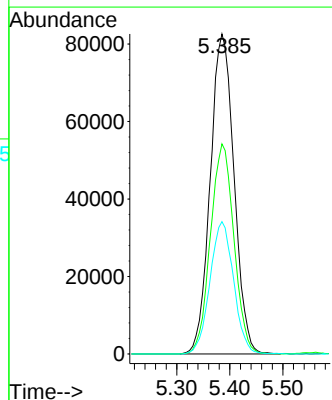
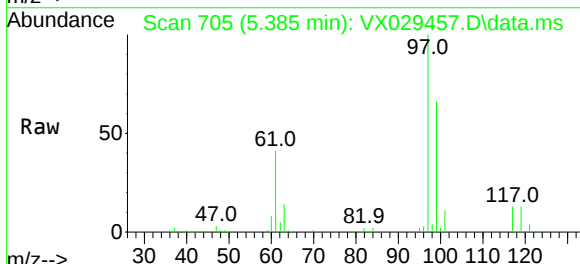
Instrument :
MSVOA_X
ClientSampleId :
VSTD050757

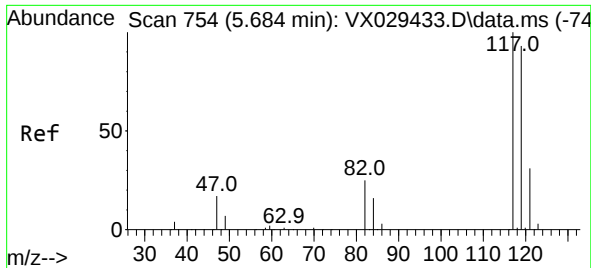
Tgt Ion: 56 Resp: 260926
Ion Ratio Lower Upper
56 100
69 32.7 24.6 36.8
84 94.5 69.8 104.8



#30
1,1,1-Trichloroethane
Concen: 51.986 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

Tgt Ion: 97 Resp: 257612
Ion Ratio Lower Upper
97 100
99 64.8 51.5 77.3
61 41.1 35.2 52.8

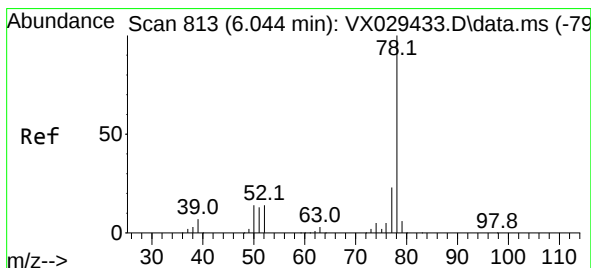
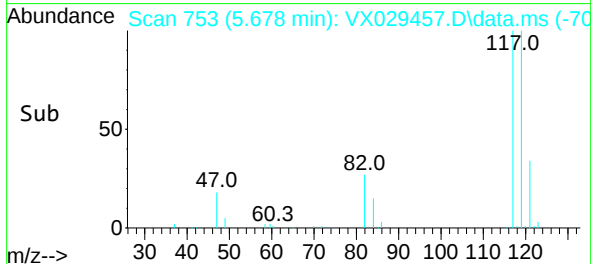
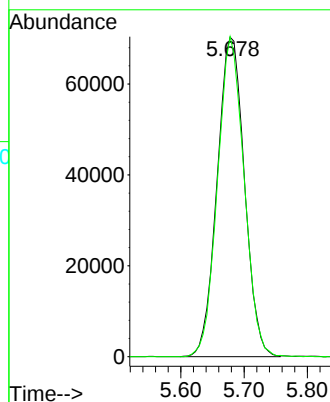
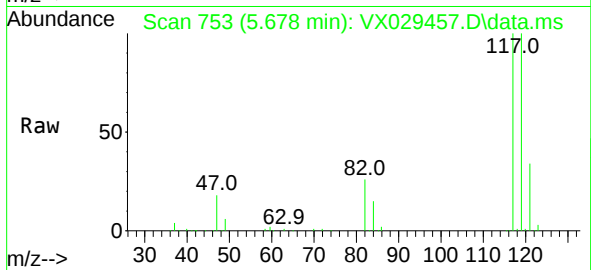




#31
Carbon tetrachloride
Concen: 52.953 ug/L
RT: 5.678 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

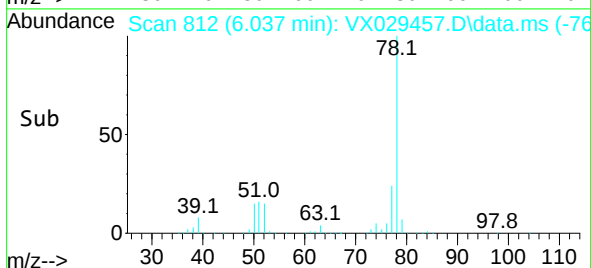
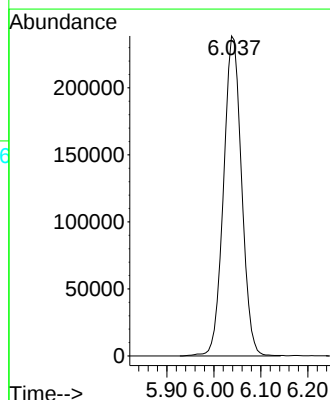
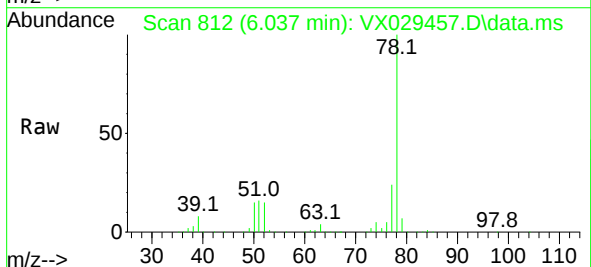
Instrument :
MSVOA_X
ClientSampleId :
VSTD050757

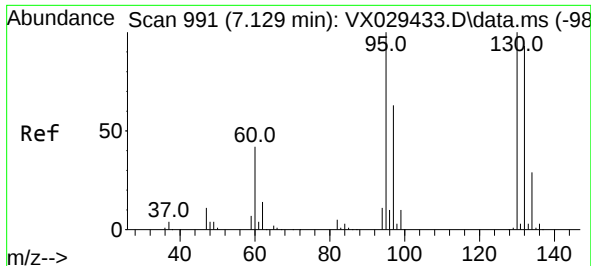
Tgt Ion:117 Resp: 210633
Ion Ratio Lower Upper
117 100
119 97.0 77.8 116.8



#33
Benzene
Concen: 54.694 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

Tgt Ion: 78 Resp: 639056

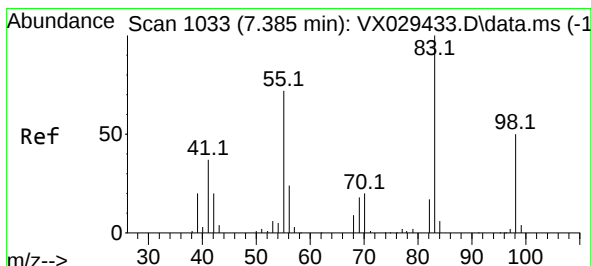
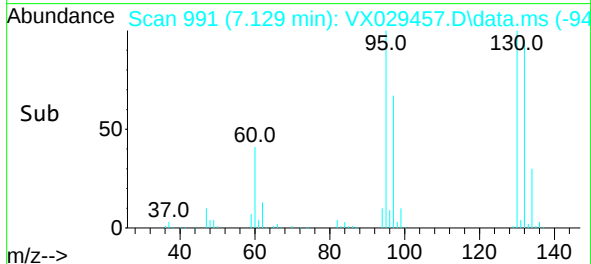
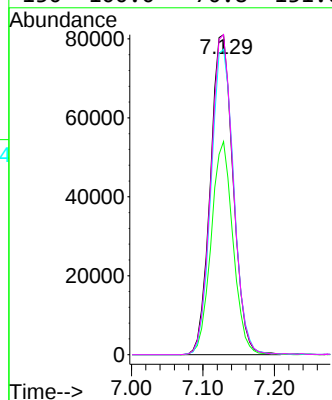
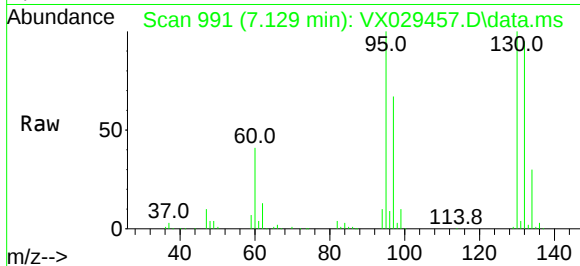




#34
Trichloroethene
Concen: 43.498 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

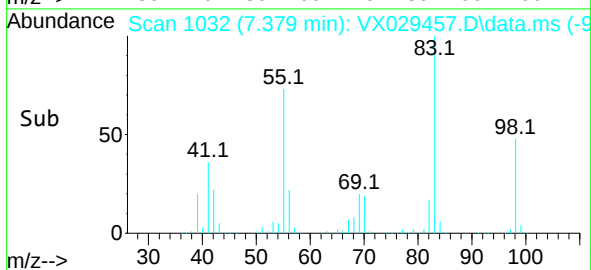
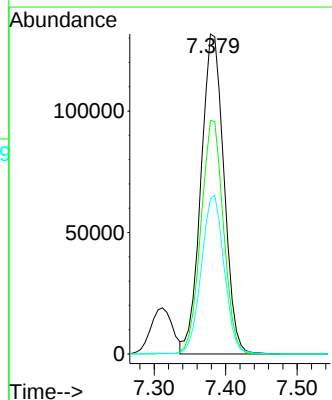
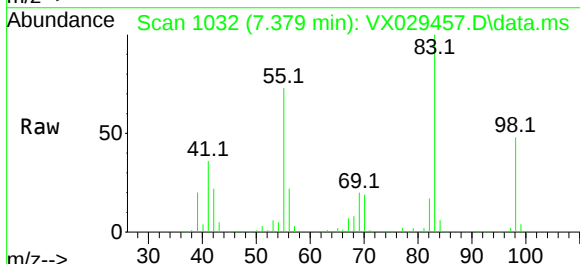
Instrument :
MSVOA_X
ClientSampleId :
VSTD050757

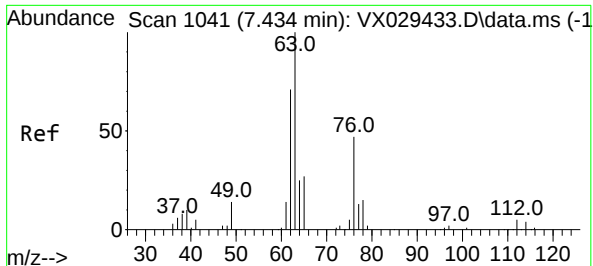
Tgt Ion: 95 Resp: 179122
Ion Ratio Lower Upper
95 100
97 66.6 45.5 84.5
132 95.4 69.9 129.7
130 100.0 70.8 131.6



#35
Methylcyclohexane
Concen: 56.458 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

Tgt Ion: 83 Resp: 293506
Ion Ratio Lower Upper
83 100
55 71.6 60.6 90.8
98 49.3 39.8 59.8





#37

1,2-Dichloropropane

Concen: 54.778 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX029457.D

Acq: 14 Jun 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

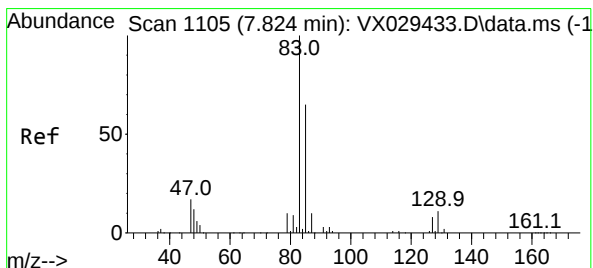
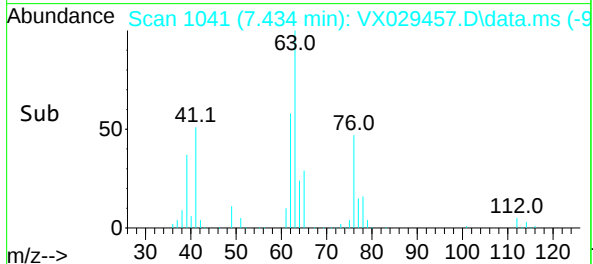
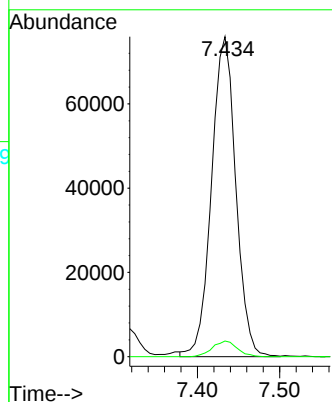
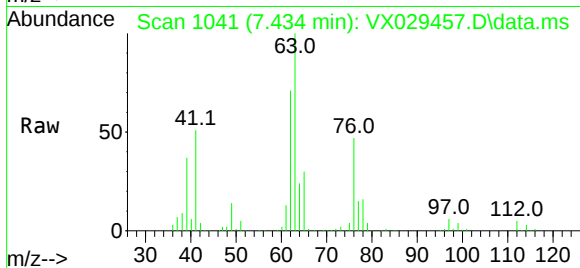
VSTD050757

Tgt Ion: 63 Resp: 156037

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 53.281 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX029457.D

Acq: 14 Jun 2022 10:32

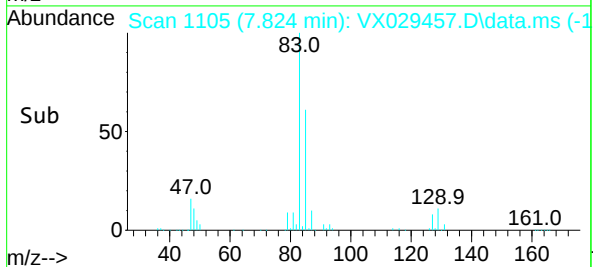
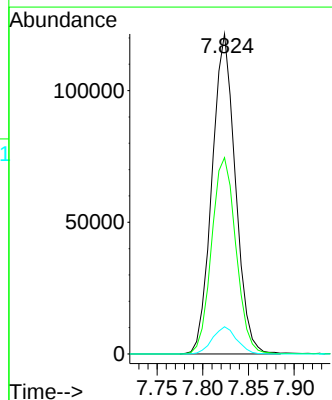
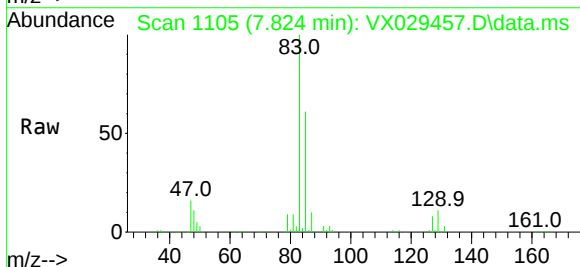
Tgt Ion: 83 Resp: 216029

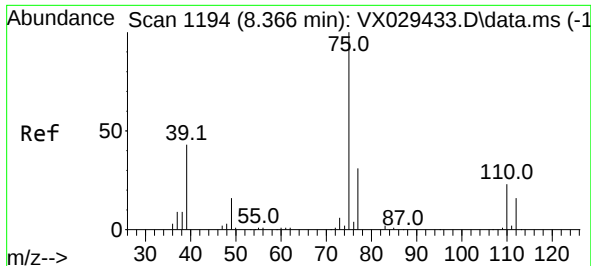
Ion Ratio Lower Upper

83 100

85 61.4 44.7 83.1

127 8.5 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 55.382 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX029457.D

Acq: 14 Jun 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

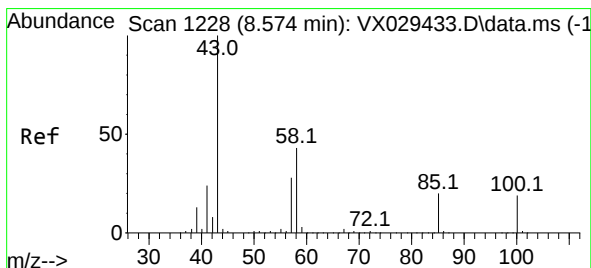
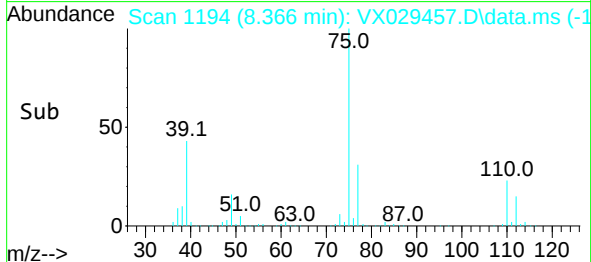
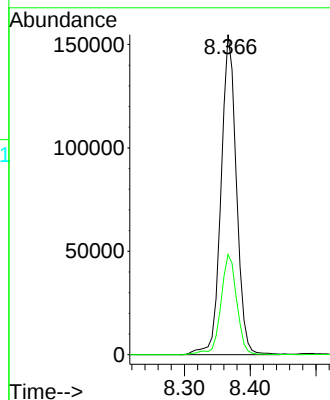
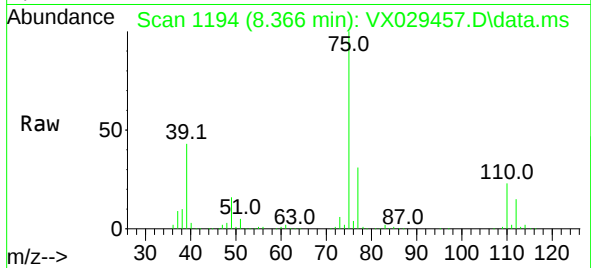
VSTD050757

Tgt Ion: 75 Resp: 252137

Ion Ratio Lower Upper

75 100

77 31.3 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 107.504 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX029457.D

Acq: 14 Jun 2022 10:32

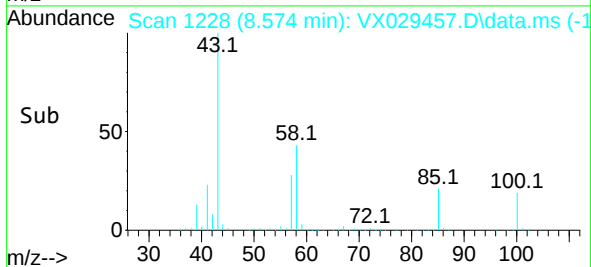
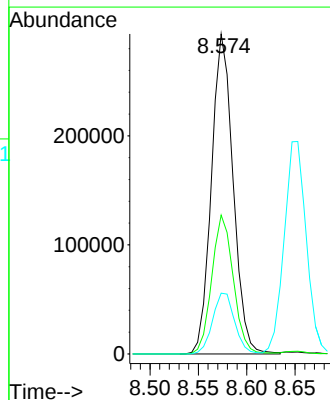
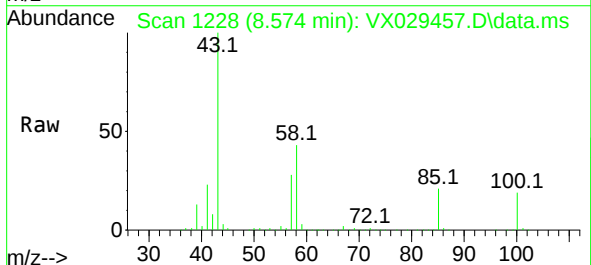
Tgt Ion: 43 Resp: 457746

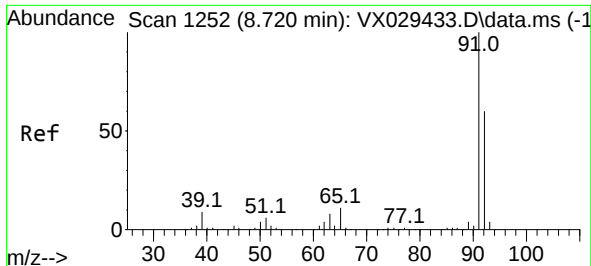
Ion Ratio Lower Upper

43 100

58 43.0 31.0 46.6

100 19.4 13.0 19.4





#42

Toluene

Concen: 55.228 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX029457.D

Acq: 14 Jun 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

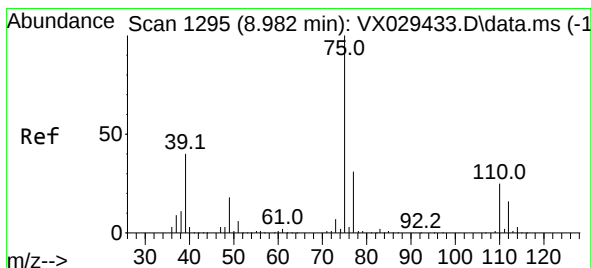
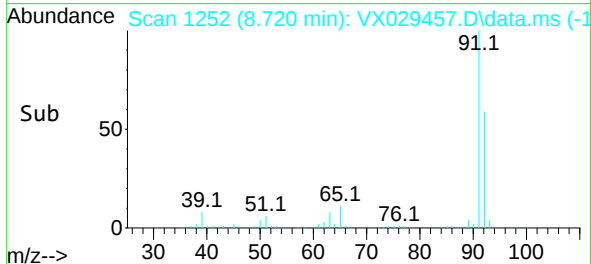
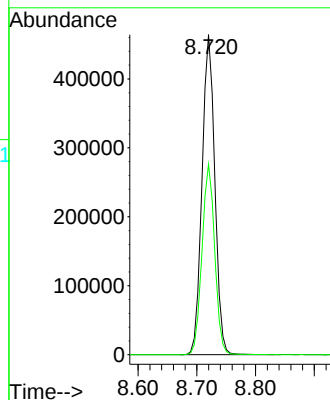
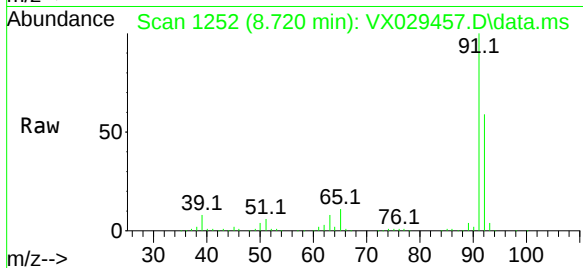
VSTD050757

Tgt Ion: 91 Resp: 703184

Ion Ratio Lower Upper

91 100

92 59.5 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 53.987 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX029457.D

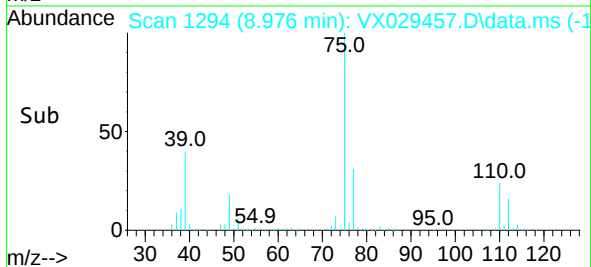
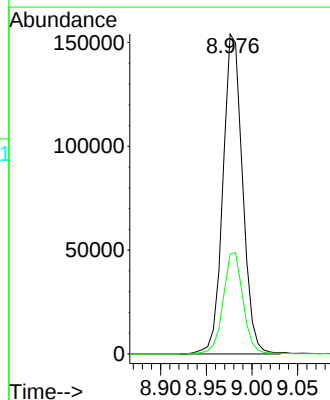
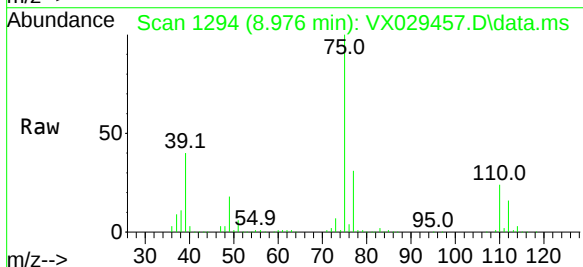
Acq: 14 Jun 2022 10:32

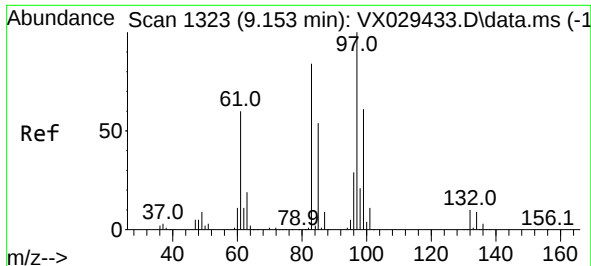
Tgt Ion: 75 Resp: 230548

Ion Ratio Lower Upper

75 100

77 31.1 22.3 41.3



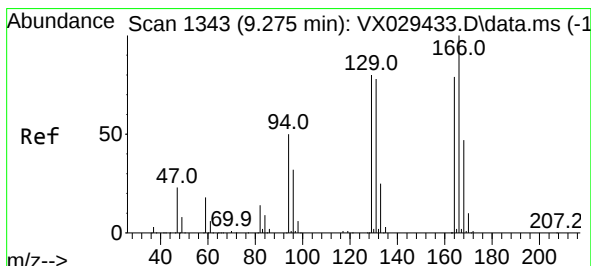
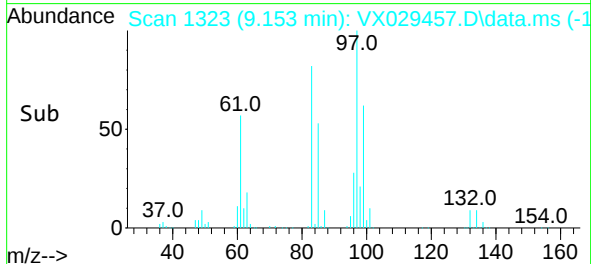
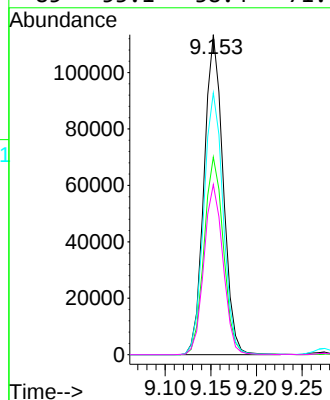
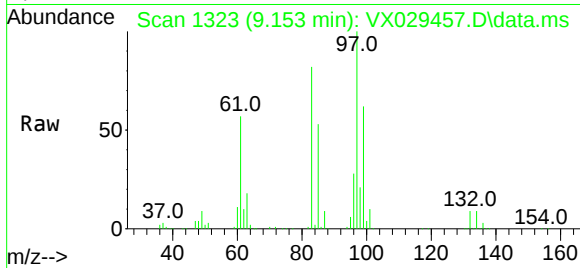


#45
1,1,2-Trichloroethane
Concen: 54.727 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTD050757

Tgt Ion: 97 Resp: 164660

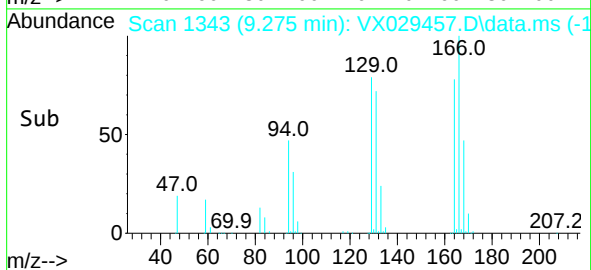
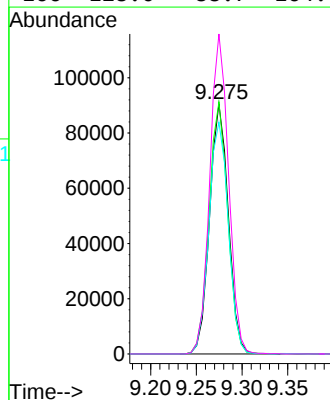
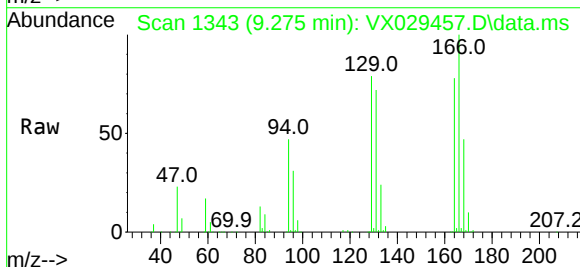
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.3	80.5
83	81.8	57.5	106.9
85	53.1	38.4	71.4

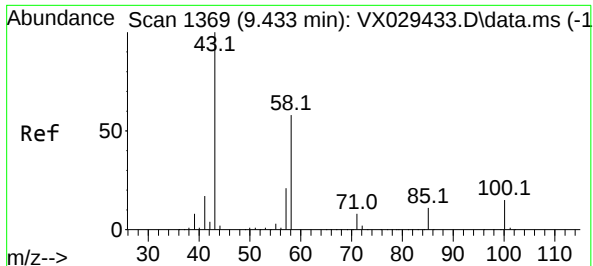


#46
Tetrachloroethene
Concen: 54.588 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

Tgt Ion: 164 Resp: 129034

Ion	Ratio	Lower	Upper
164	100		
129	100.7	65.5	121.7
131	92.7	64.3	119.3
166	128.0	88.7	164.7

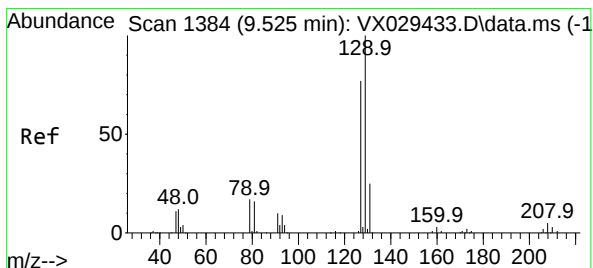
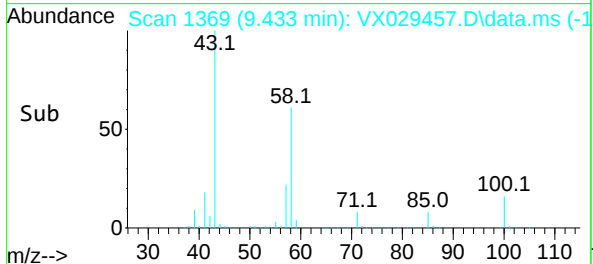
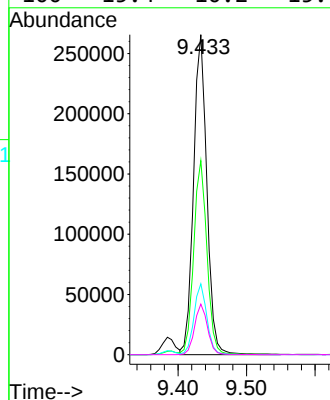
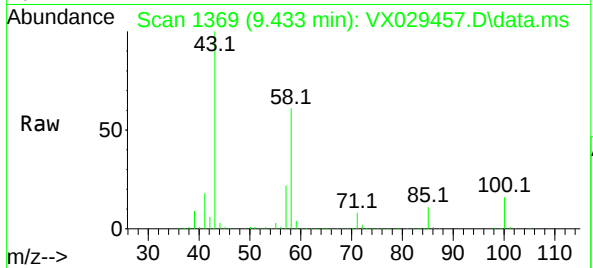




#48
2-Hexanone
Concen: 109.069 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

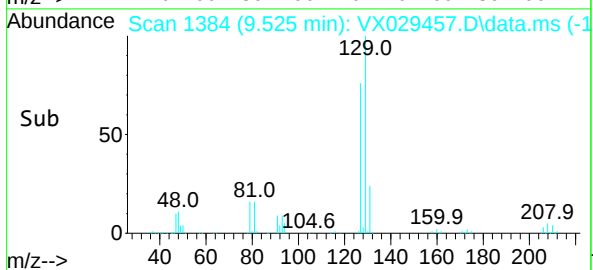
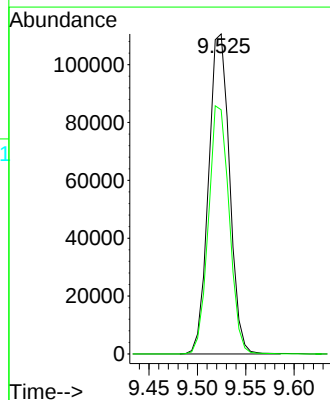
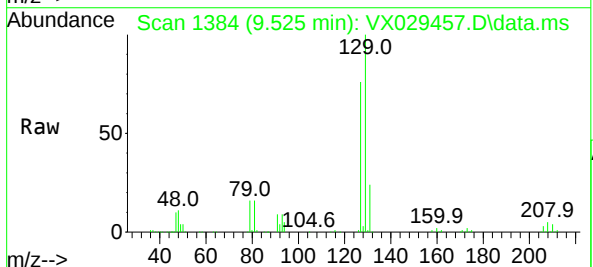
Instrument :
MSVOA_X
ClientSampleId :
VSTD050757

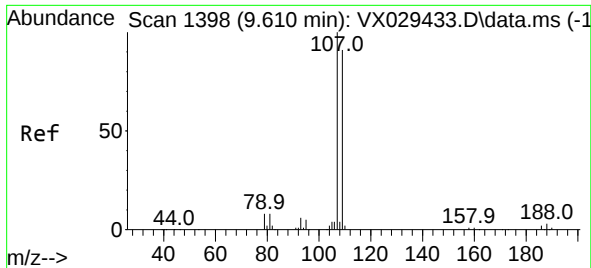
Tgt Ion: 43 Resp: 359739
Ion Ratio Lower Upper
43 100
58 60.3 42.9 64.3
57 21.5 15.3 22.9
100 15.4 10.2 15.4#



#49
Dibromochloromethane
Concen: 53.363 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

Tgt Ion: 129 Resp: 167397
Ion Ratio Lower Upper
129 100
127 76.3 54.3 100.9





#50

1,2-Dibromoethane

Concen: 53.921 ug/L

RT: 9.610 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX029457.D

Acq: 14 Jun 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTD050757

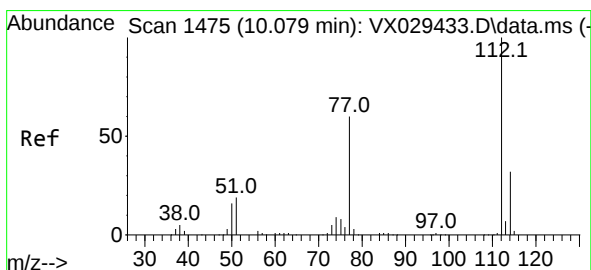
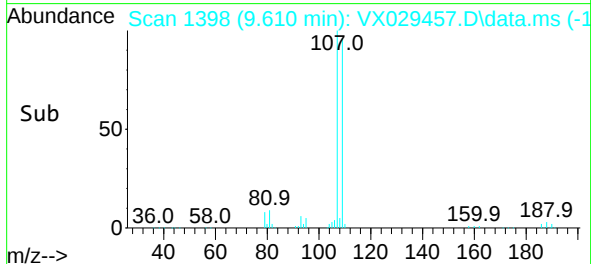
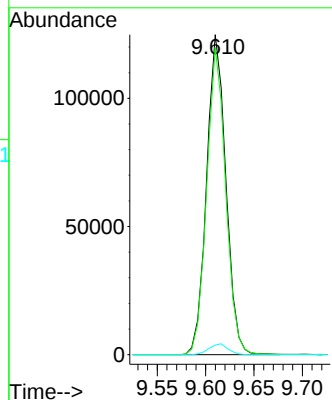
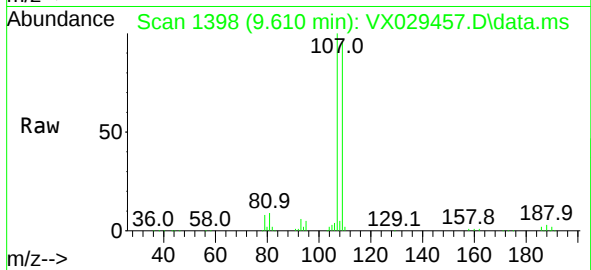
Tgt Ion:107 Resp: 173134

Ion Ratio Lower Upper

107 100

109 96.0 64.9 120.5

188 3.0 2.7 4.1



#51

Chlorobenzene

Concen: 55.037 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX029457.D

Acq: 14 Jun 2022 10:32

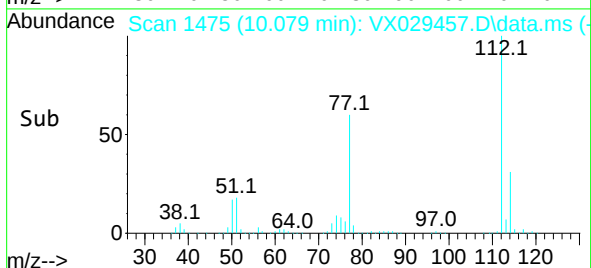
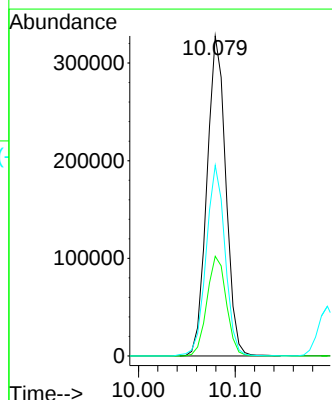
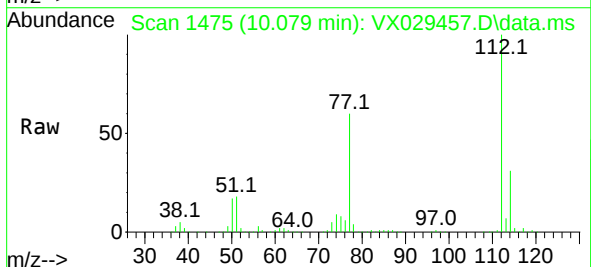
Tgt Ion:112 Resp: 444835

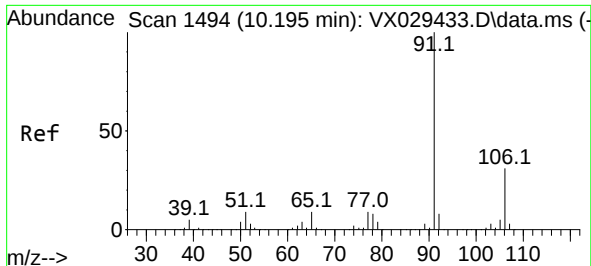
Ion Ratio Lower Upper

112 100

114 31.2 22.2 41.2

77 59.6 45.9 68.9

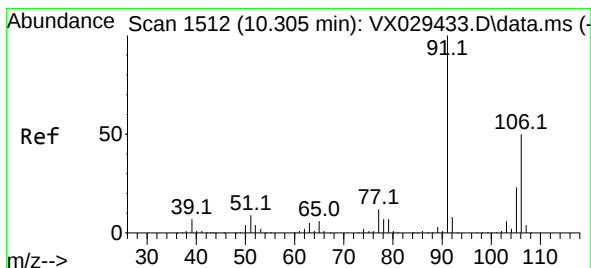
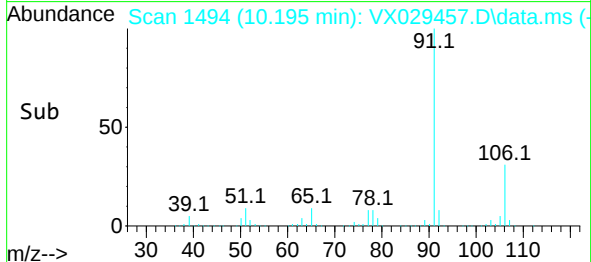
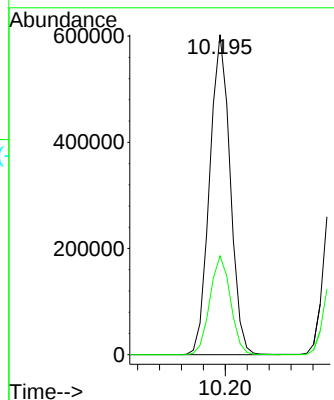
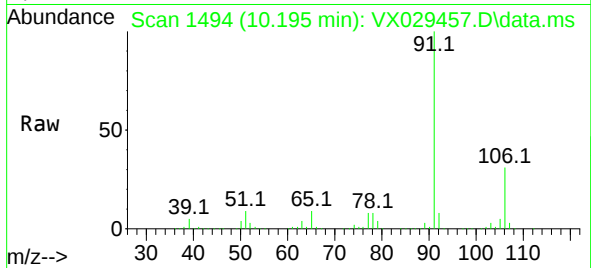




#52
Ethylbenzene
Concen: 56.193 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

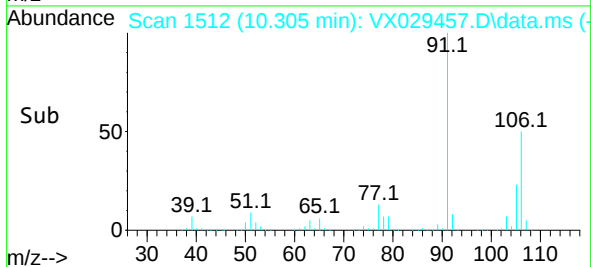
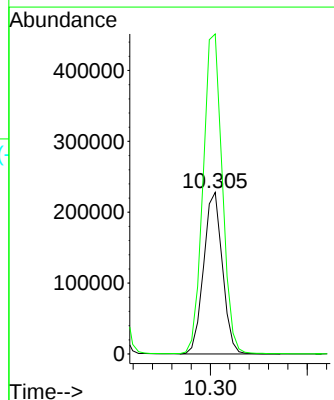
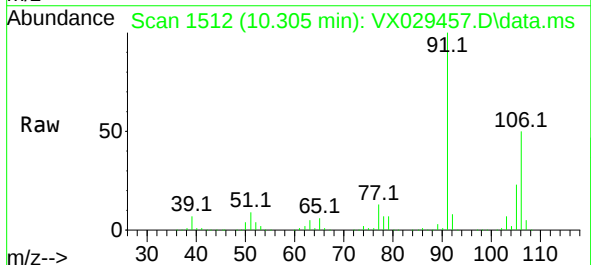
Instrument :
MSVOA_X
ClientSampleId :
VSTD050757

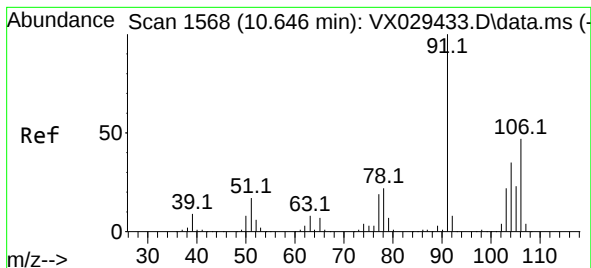
Tgt Ion: 91 Resp: 783012
Ion Ratio Lower Upper
91 100
106 30.9 21.7 40.3



#53
m,p-Xylene
Concen: 56.130 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

Tgt Ion: 106 Resp: 307018
Ion Ratio Lower Upper
106 100
91 198.1 145.7 270.5





#54

o-Xylene

Concen: 56.055 ug/L

RT: 10.640 min Scan# 1568

Delta R.T. -0.006 min

Lab File: VX029457.D

Acq: 14 Jun 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

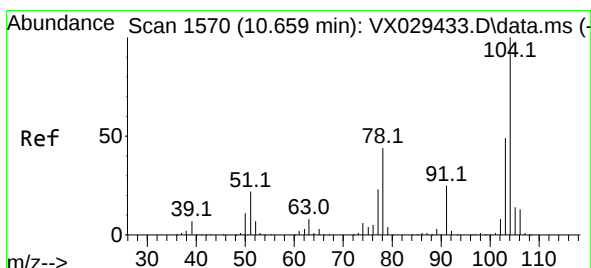
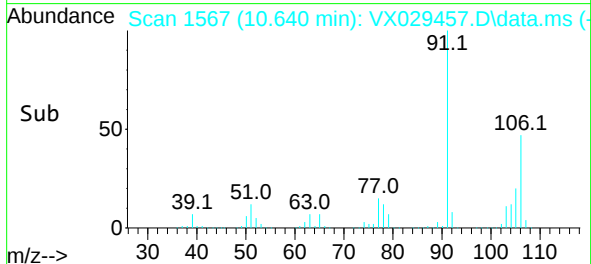
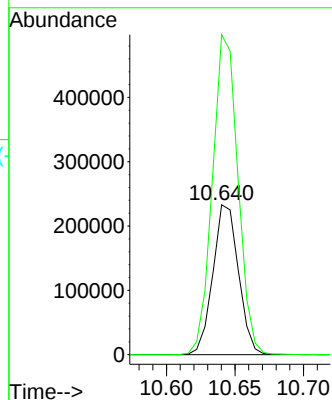
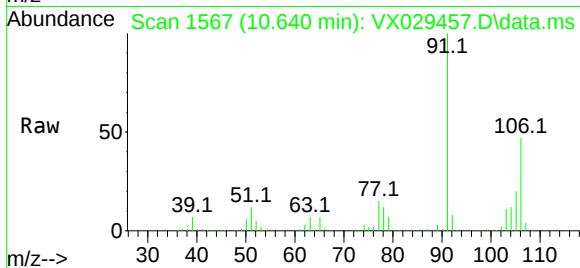
VSTD050757

Tgt Ion:106 Resp: 302398

Ion Ratio Lower Upper

106 100

91 213.4 151.2 280.8



#55

Styrene

Concen: 57.207 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX029457.D

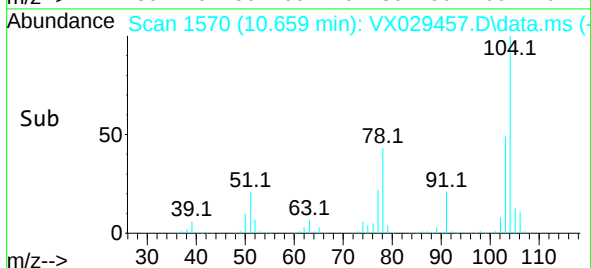
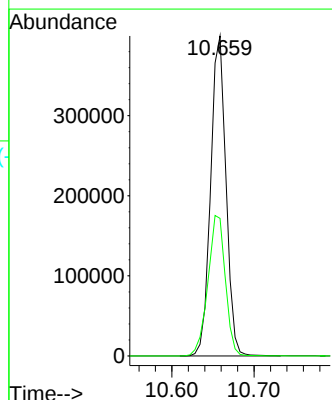
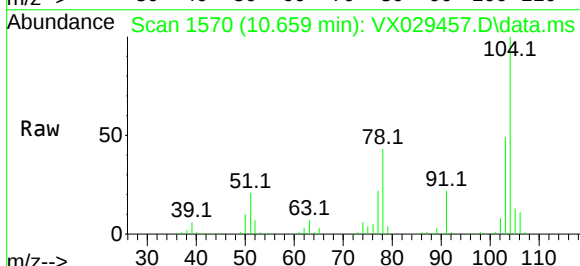
Acq: 14 Jun 2022 10:32

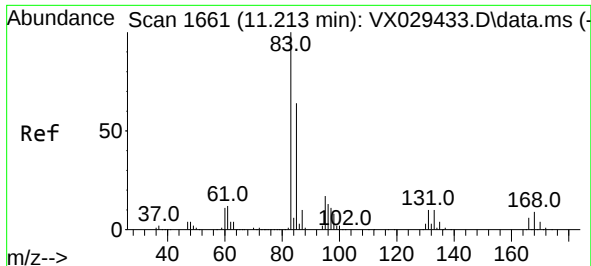
Tgt Ion:104 Resp: 518844

Ion Ratio Lower Upper

104 100

78 43.0 33.3 61.9

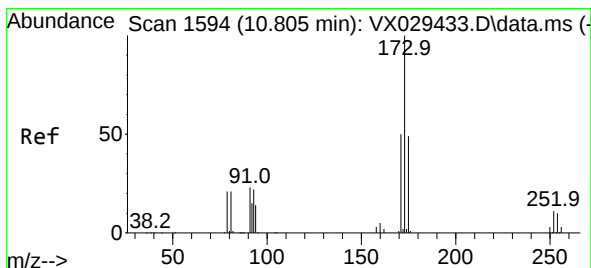
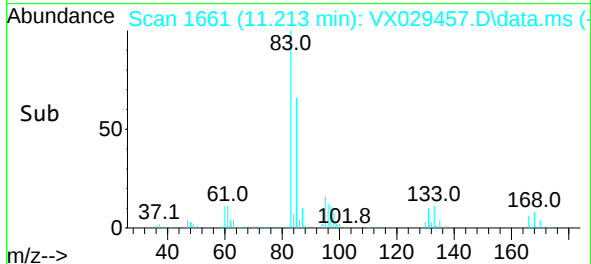
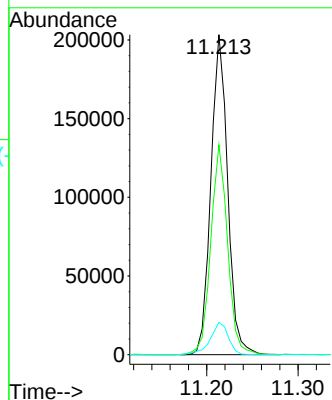
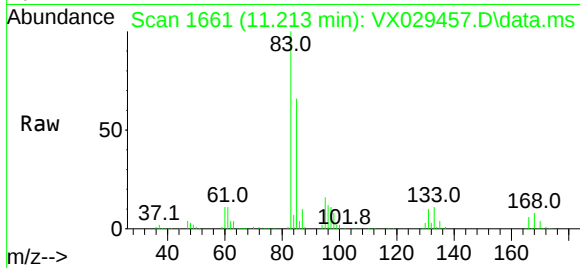




#57
1,1,2,2-Tetrachloroethane
Concen: 55.444 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

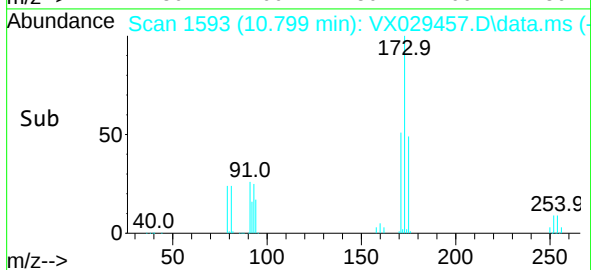
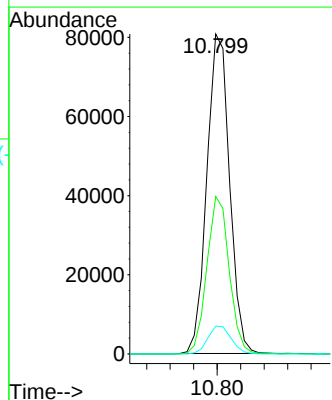
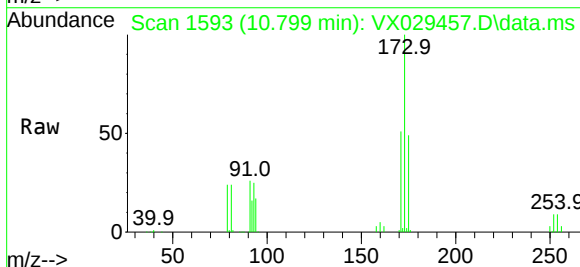
Instrument :
MSVOA_X
ClientSampleId :
VSTD050757

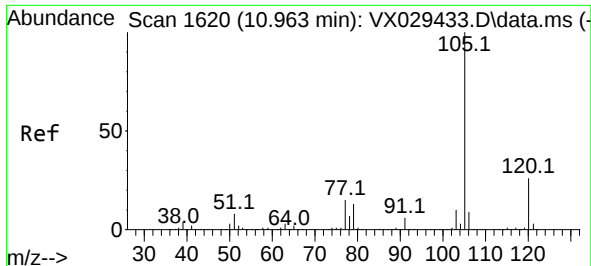
Tgt Ion: 83 Resp: 258516
Ion Ratio Lower Upper
83 100
85 65.6 45.8 85.2
131 10.1 8.5 12.7



#59
Bromoform
Concen: 51.359 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

Tgt Ion: 173 Resp: 108331
Ion Ratio Lower Upper
173 100
175 48.5 38.9 58.3
254 9.0 7.0 10.6

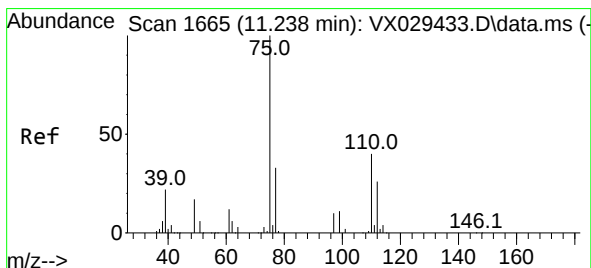
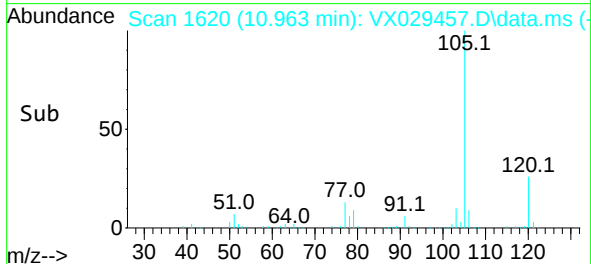
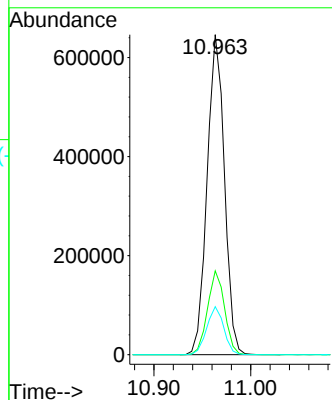
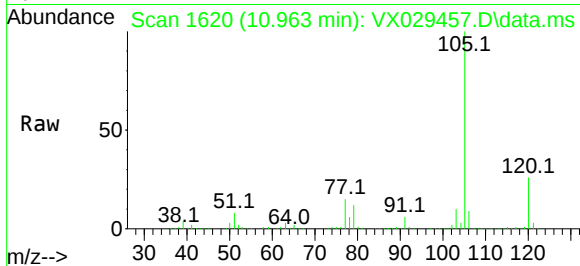




#60
Isopropylbenzene
Concen: 54.426 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

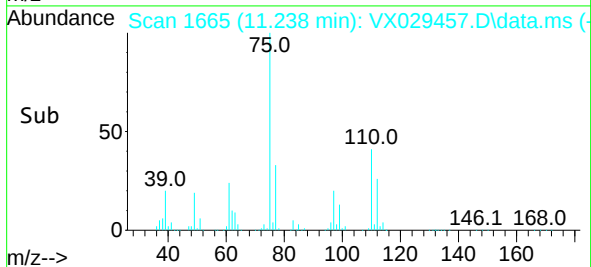
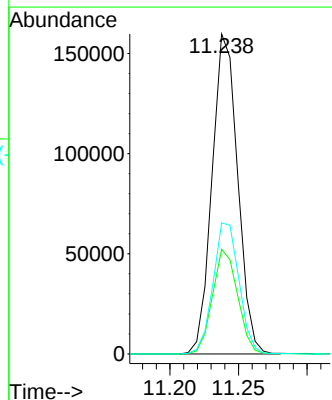
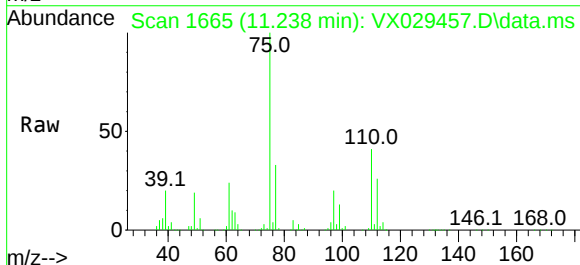
Instrument :
MSVOA_X
ClientSampleId :
VSTD050757

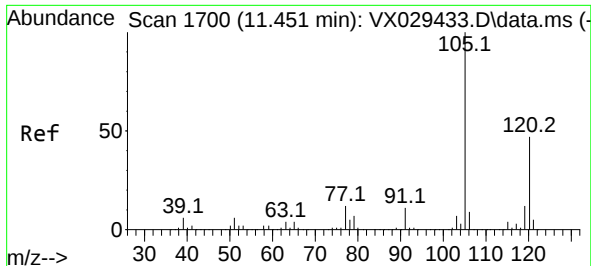
Tgt Ion:105 Resp: 805314
Ion Ratio Lower Upper
105 100
120 25.8 21.2 31.8
77 14.9 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 52.454 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

Tgt Ion: 75 Resp: 207832
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.6
110 41.5 33.4 50.0





#62

1,3,5-Trimethylbenzene

Concen: 54.697 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX029457.D

Acq: 14 Jun 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

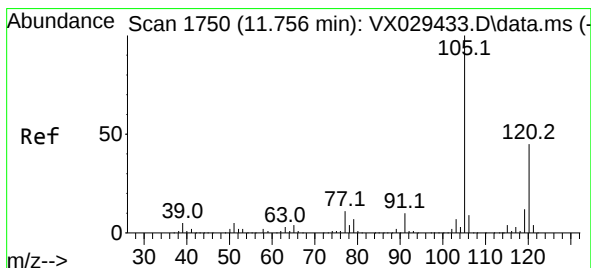
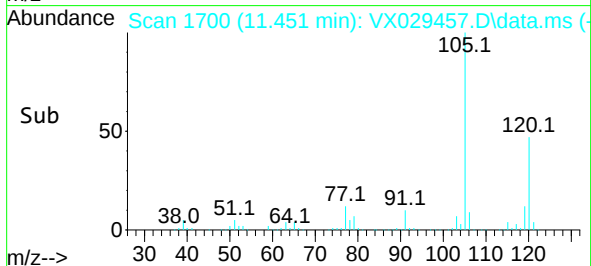
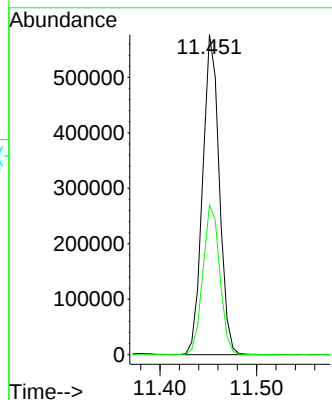
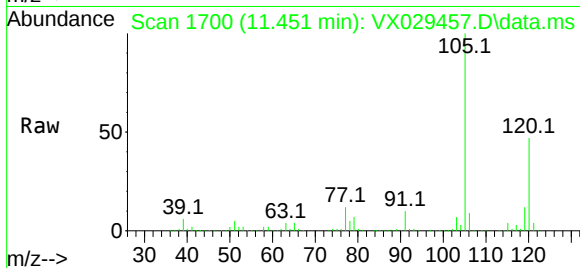
VSTD050757

Tgt Ion:105 Resp: 691200

Ion Ratio Lower Upper

105 100

120 47.5 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 54.817 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX029457.D

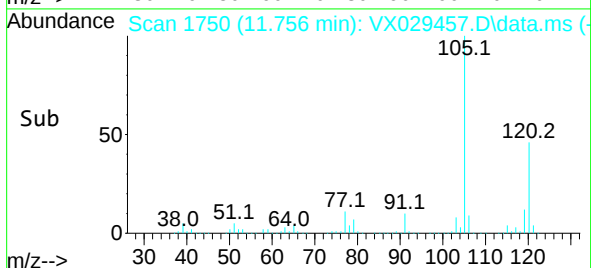
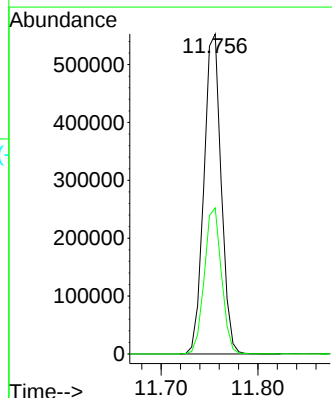
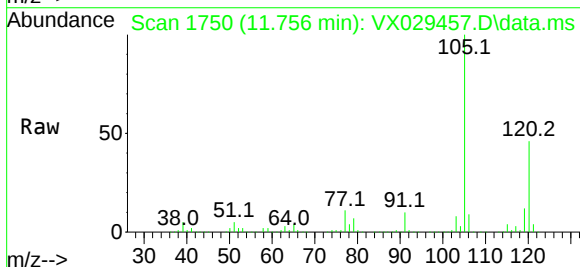
Acq: 14 Jun 2022 10:32

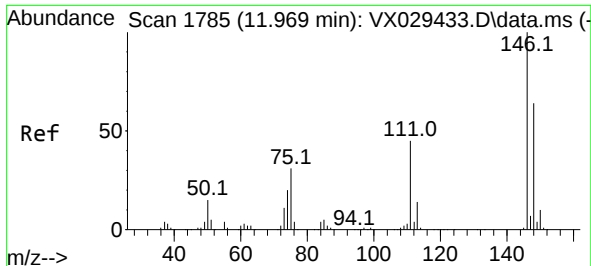
Tgt Ion:105 Resp: 687792

Ion Ratio Lower Upper

105 100

120 45.4 36.1 54.1

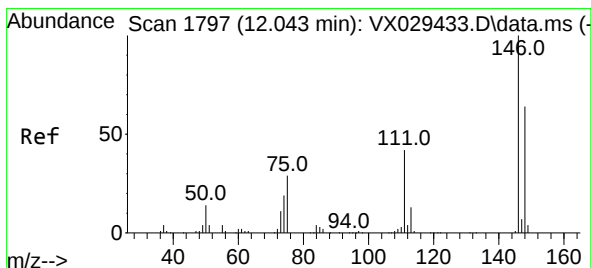
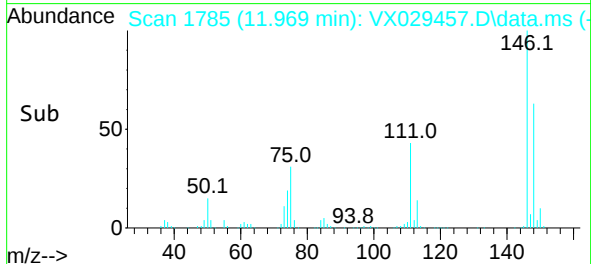
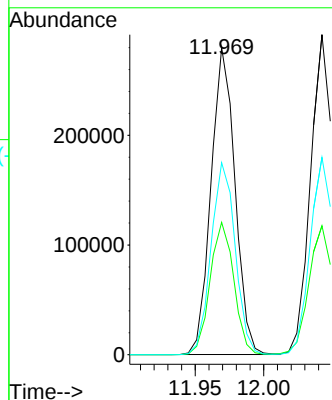
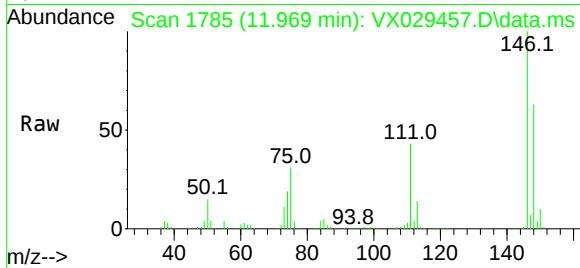




#64
1,3-Dichlorobenzene
Concen: 55.492 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

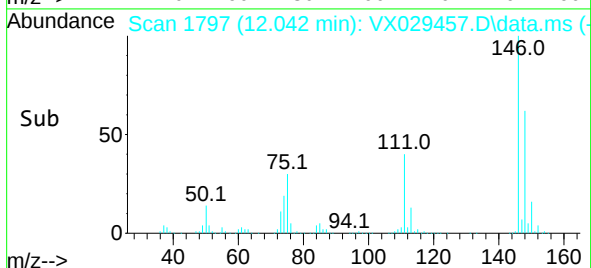
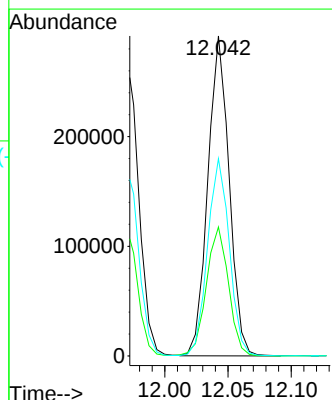
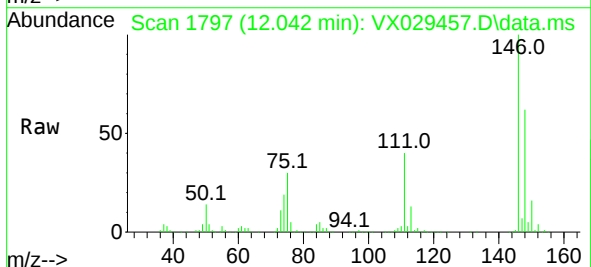
Instrument :
MSVOA_X
ClientSampleId :
VSTD050757

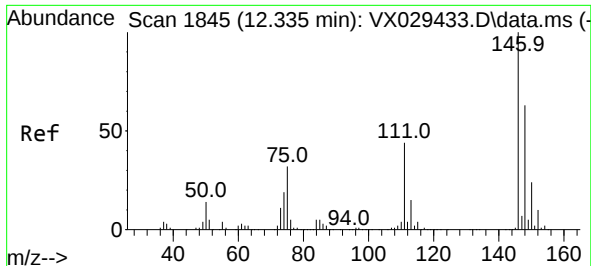
Tgt Ion:146 Resp: 340139
Ion Ratio Lower Upper
146 100
111 43.1 28.3 52.7
148 62.5 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 55.325 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX029457.D
Acq: 14 Jun 2022 10:32

Tgt Ion:146 Resp: 342332
Ion Ratio Lower Upper
146 100
111 40.3 26.5 49.3
148 61.7 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 54.754 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX029457.D

Acq: 14 Jun 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTD050757

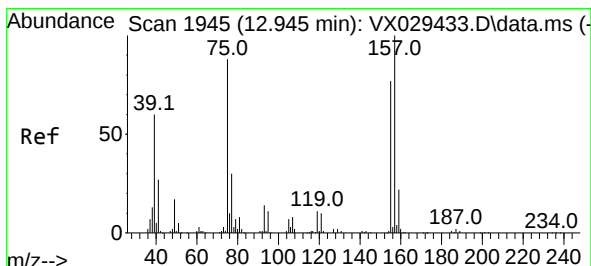
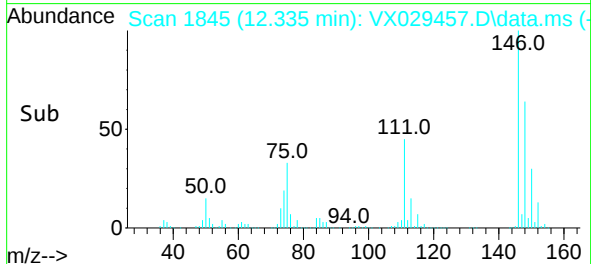
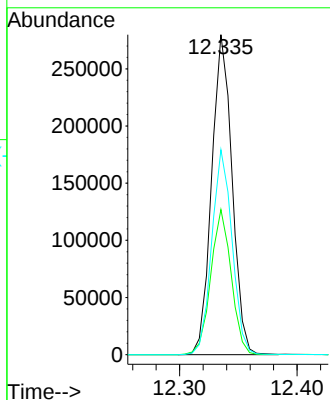
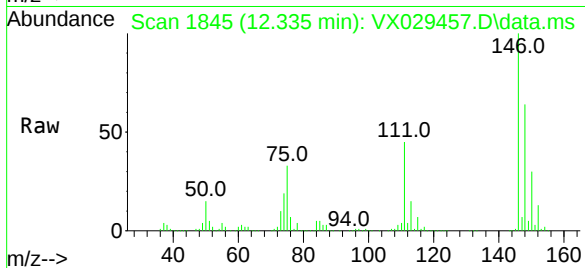
Tgt Ion:146 Resp: 338506

Ion Ratio Lower Upper

146 100

111 45.4 34.5 51.7

148 64.1 51.9 77.9



#68

1,2-Dibromo-3-chloropropane

Concen: 52.049 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX029457.D

Acq: 14 Jun 2022 10:32

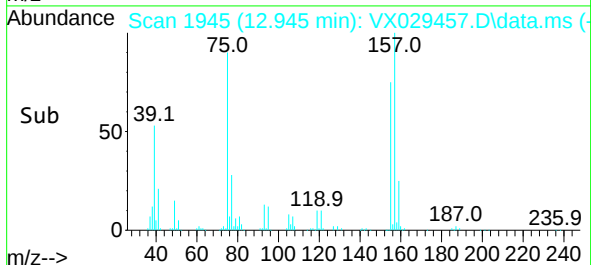
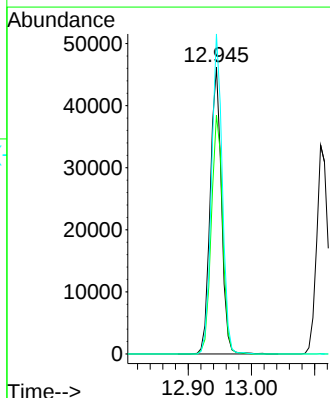
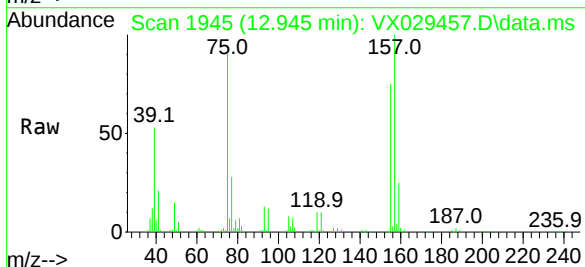
Tgt Ion: 75 Resp: 56720

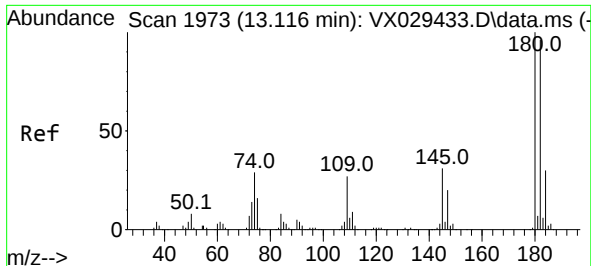
Ion Ratio Lower Upper

75 100

155 83.3 71.6 107.4

157 111.5 93.8 140.6

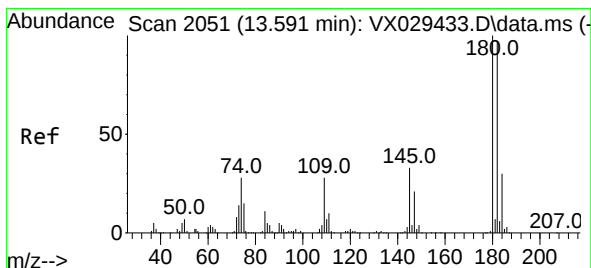
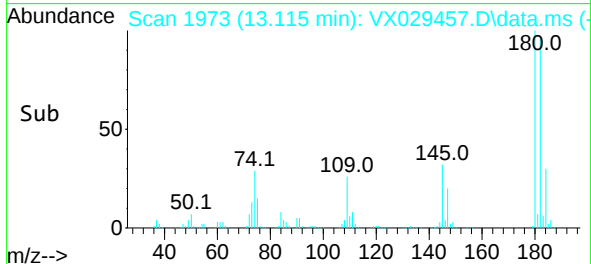
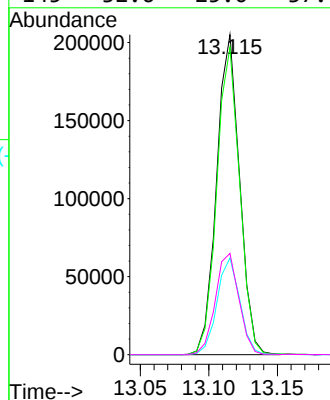
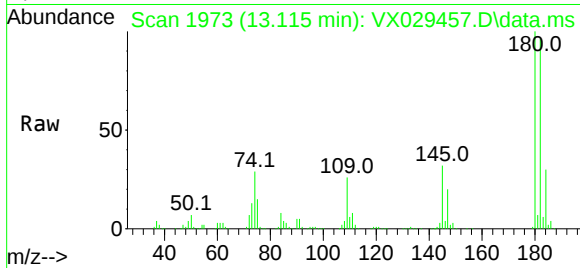




#69
 1,3,5-Trichlorobenzene
 Concen: 56.926 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VX029457.D
 Acq: 14 Jun 2022 10:32

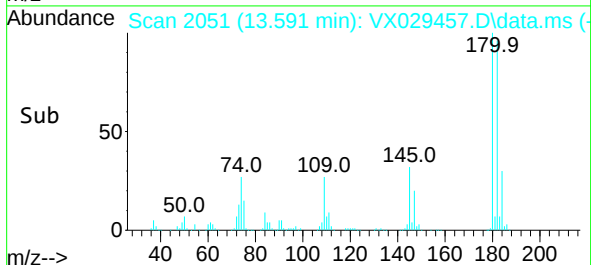
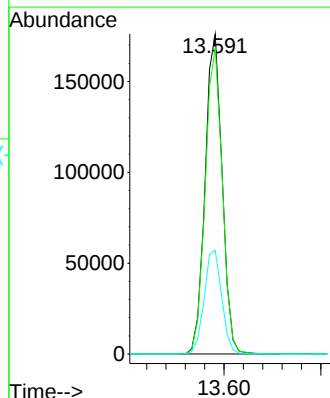
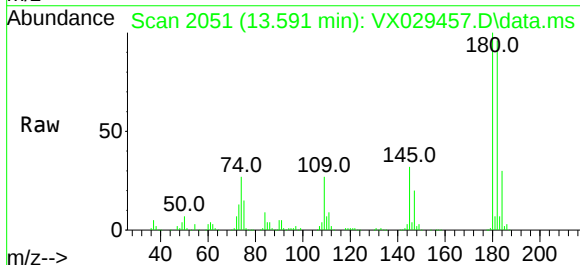
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050757

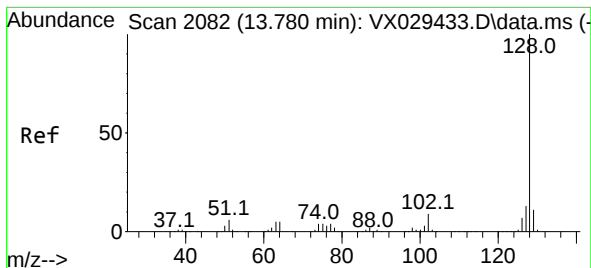
Tgt Ion:180	Resp:	238774	
Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.6	113.4
184	30.0	23.6	35.4
145	32.6	25.0	37.4



#70
 1,2,4-trichlorobenzene
 Concen: 57.149 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX029457.D
 Acq: 14 Jun 2022 10:32

Tgt Ion:180	Resp:	215889	
Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.4	113.2
145	33.4	25.0	37.4





#71

Naphthalene

Concen: 56.356 ug/L

RT: 13.774 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VX029457.D

Acq: 14 Jun 2022 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTD050757

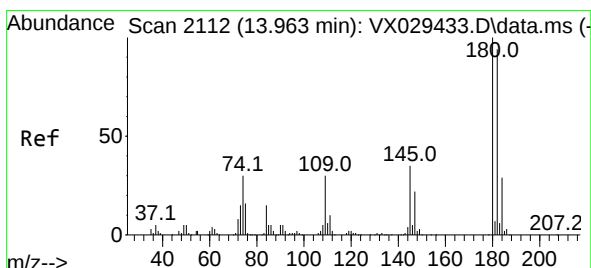
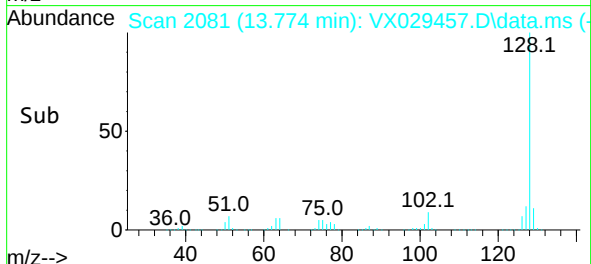
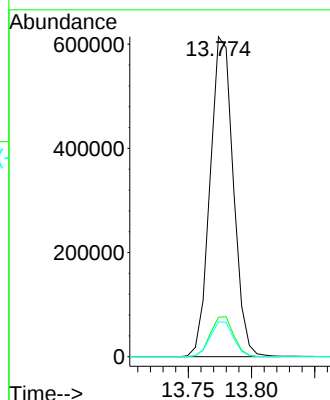
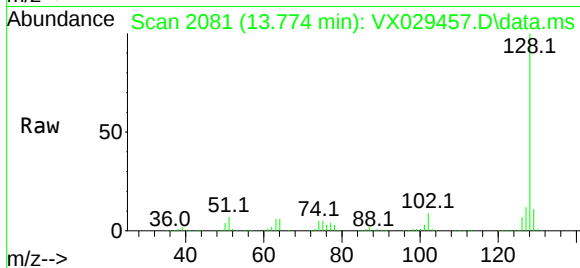
Tgt Ion:128 Resp: 784062

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 55.176 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX029457.D

Acq: 14 Jun 2022 10:32

Tgt Ion:180 Resp: 210562

Ion Ratio Lower Upper

180 100

182 95.6 77.0 115.4

145 35.9 27.4 41.0

