

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090922\
 Data File : VW024597.D
 Acq On : 09 Sep 2022 14:36
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.05g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025567

Quant Time: Sep 10 00:40:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 10 00:38:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	252195	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	287822	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	162245	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	161628	31.042	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	= 124.160%		
7) Chloroethane-d5	2.873	69	123985	32.024	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	= 128.080%		
11) 1,1-Dichloroethene-d2	4.007	63	120009	21.846	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	= 87.400%		
21) 2-Butanone-d5	6.958	46	134	0.160	ug/L	-0.12
Spiked Amount 50.000	Range 20	- 135	Recovery	= 0.320%#		
24) Chloroform-d	7.641	84	166537	25.928	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	= 103.720%		
26) 1,2-Dichloroethane-d4	8.299	65	108038	29.832	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	= 119.320%		
32) Benzene-d6	8.269	84	352082	24.868	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	= 99.480%		
36) 1,2-Dichloropropane-d6	9.268	67	103490	24.792	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	= 99.160%		
41) Toluene-d8	10.317	98	370495	26.843	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	= 107.360%		
43) trans-1,3-Dichloroprop...	10.573	79	47693	25.495	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	= 102.000%		
47) 2-Hexanone-d5	10.921	63	43339	56.484	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	= 112.960%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	118387	29.590	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	= 118.360%		
66) 1,2-Dichlorobenzene-d4	13.853	152	145164	28.249	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	= 113.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	28170	23.323	ug/L	91
3) Chloromethane	2.215	50	114169	30.393	ug/L	100
5) Vinyl chloride	2.355	62	195111	30.809	ug/L	99
6) Bromomethane	2.770	94	125298	30.350	ug/L	93
8) Chloroethane	2.910	64	105979	30.760	ug/L	99
9) Trichlorofluoromethane	3.251	101	100809	27.534	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.038	101	72001	21.344	ug/L #	88
12) 1,1-Dichloroethene	4.032	96	59779	20.733	ug/L	90
13) Acetone	4.117	43	29543	41.338	ug/L	99
14) Carbon disulfide	4.373	76	150676	19.751	ug/L	99
15) Methyl Acetate	4.666	43	34884	23.093	ug/L	98
16) Methylene chloride	4.903	84	74759	19.866	ug/L	92
17) trans-1,2-Dichloroethene	5.415	96	72901	22.073	ug/L	93
18) Methyl tert-butyl Ether	5.422	73	144348	24.541	ug/L	97
19) 1,1-Dichloroethane	6.208	63	148225	24.667	ug/L	95
22) 2-Butanone	7.165	43	54964	47.546	ug/L	95
23) Bromochloromethane	7.507	128	40868	24.088	ug/L	97
25) Chloroform	7.665	83	175474	26.288	ug/L	93
27) 1,2-Dichloroethane	8.397	62	136048	30.322	ug/L	98

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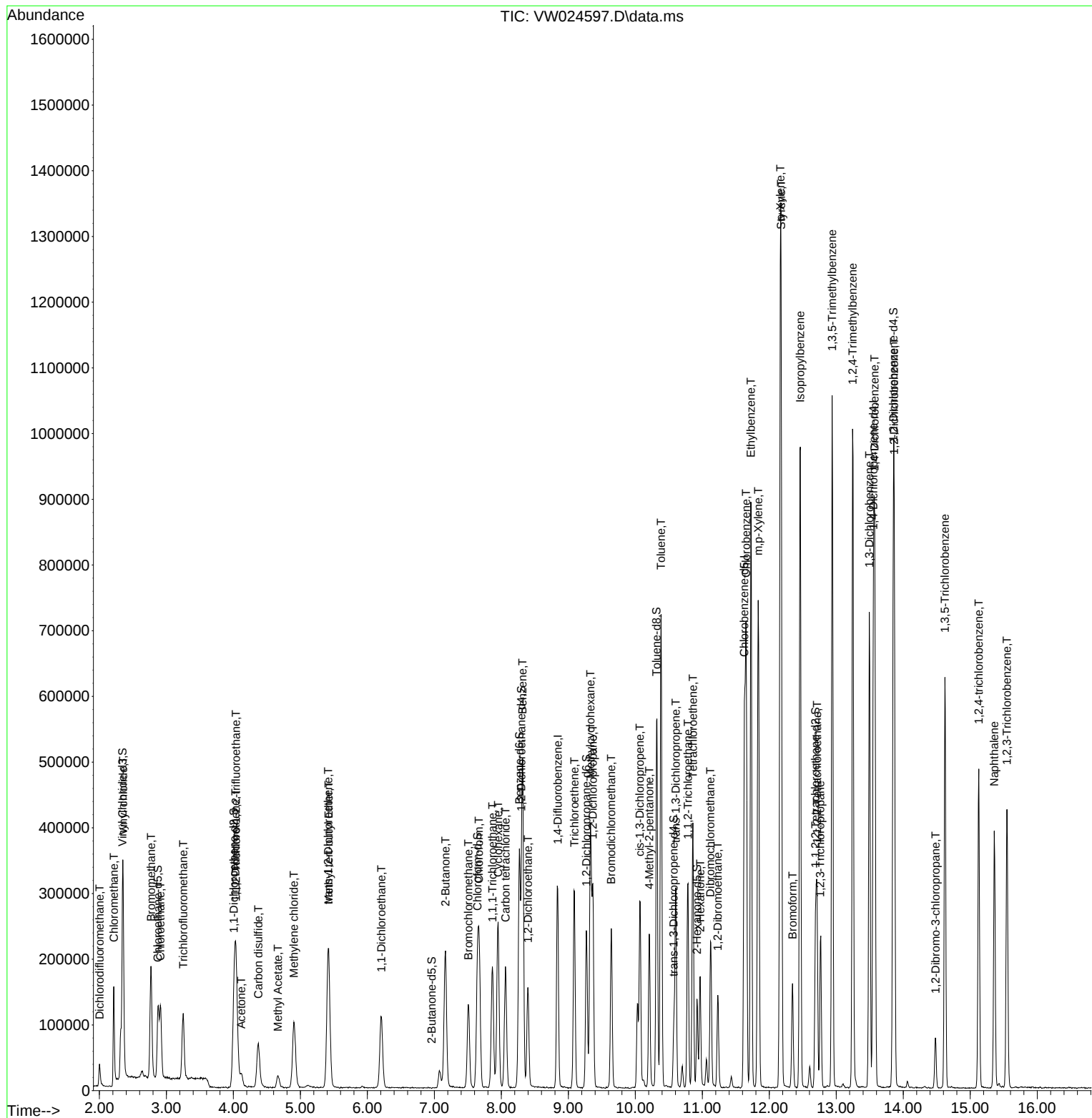
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.952	56	124889	22.413	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	137532	21.788	ug/L	97
31) Carbon tetrachloride	8.061	117	125078	21.695	ug/L	99
33) Benzene	8.317	78	411546	25.193	ug/L	100
34) Trichloroethene	9.092	95	99454	23.310	ug/L	97
35) Methylcyclohexane	9.329	83	155104	22.722	ug/L	98
37) 1,2-Dichloropropane	9.366	63	105009	25.738	ug/L	100
38) Bromodichloromethane	9.640	83	147356	25.555	ug/L	97
39) cis-1,3-Dichloropropene	10.067	75	157165	26.346	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	144914	53.845	ug/L	99
42) Toluene	10.384	91	514617	28.575	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	156860	27.838	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	92966	27.264	ug/L	97
46) Tetrachloroethene	10.860	164	77175	24.549	ug/L	97
48) 2-Hexanone	10.969	43	105814	57.332	ug/L	99
49) Dibromochloromethane	11.122	129	112559	28.237	ug/L	100
50) 1,2-Dibromoethane	11.232	107	87599	26.470	ug/L	94
51) Chlorobenzene	11.652	112	339802	27.311	ug/L	92
52) Ethylbenzene	11.725	91	603199	29.499	ug/L	93
53) m,p-Xylene	11.835	106	235486	29.477	ug/L	87
54) o-Xylene	12.164	106	234227	30.795	ug/L	96
55) Styrene	12.176	104	422174	31.533	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	130278	30.179	ug/L	95
59) Bromoform	12.347	173	64901	27.520	ug/L	96
60) Isopropylbenzene	12.463	105	633469	28.837	ug/L	100
61) 1,2,3-Trichloropropane	12.762	75	90311	26.905	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	527933	28.941	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	531897	29.297	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	276325	27.917	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	284958	27.313	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	267279	28.957	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	18996	23.918	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	173592	27.002	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	132158	25.906	ug/L	99
71) Naphthalene	15.359	128	311058	27.560	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	121610	25.624	ug/L	98

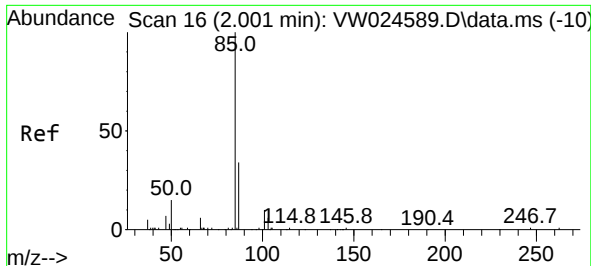
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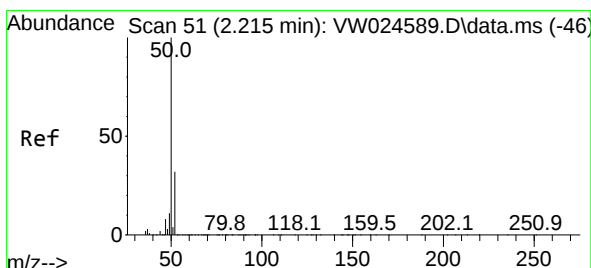
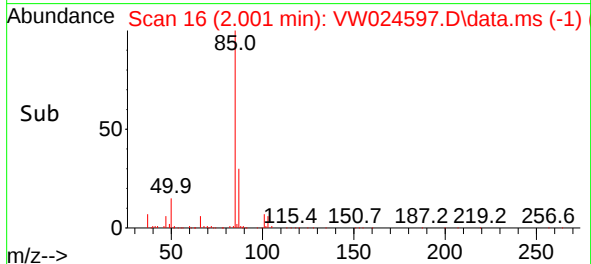
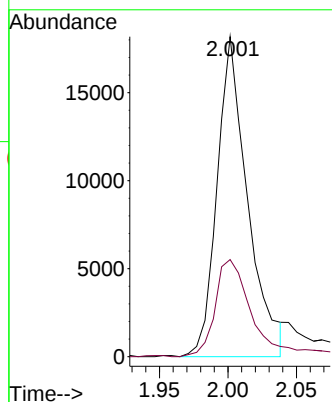
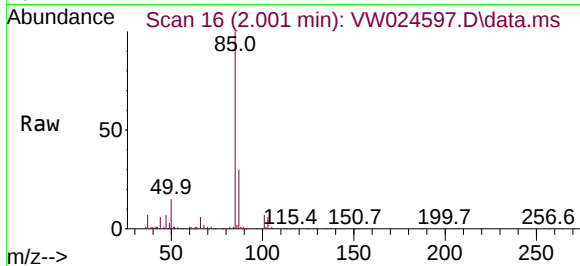




#2
 Dichlorodifluoromethane
 Concen: 23.323 ug/L
 RT: 2.001 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: VW024597.D
 Acq: 09 Sep 2022 14:36

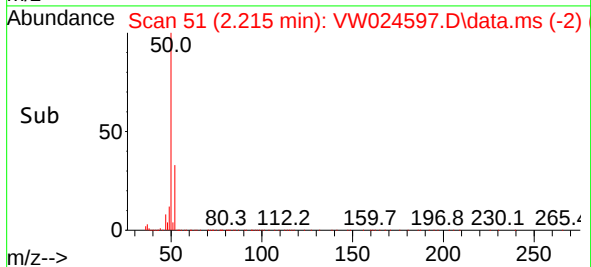
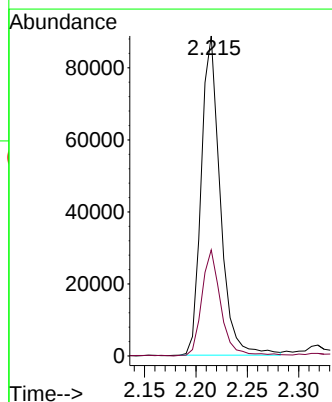
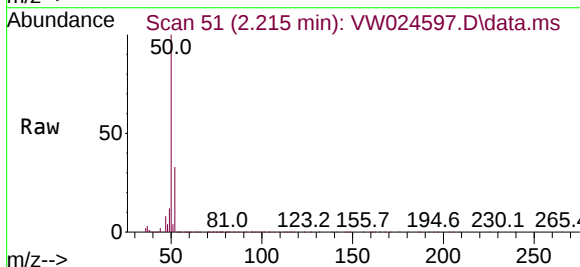
Instrument :
 MSVOA_W
 ClientSampleId :
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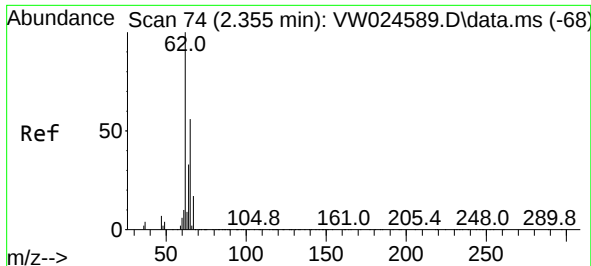
Tgt Ion: 85 Resp: 28170
 Ion Ratio Lower Upper
 85 100
 87 35.3 24.2 36.2



#3
 Chloromethane
 Concen: 30.393 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW024597.D
 Acq: 09 Sep 2022 14:36

Tgt Ion: 50 Resp: 114169
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.3 43.3

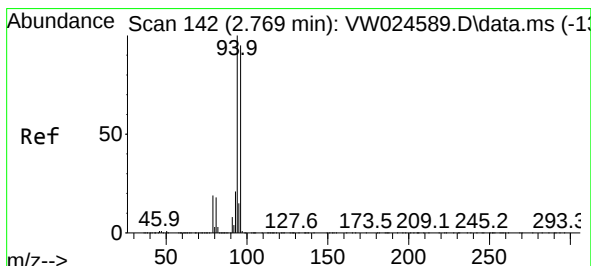
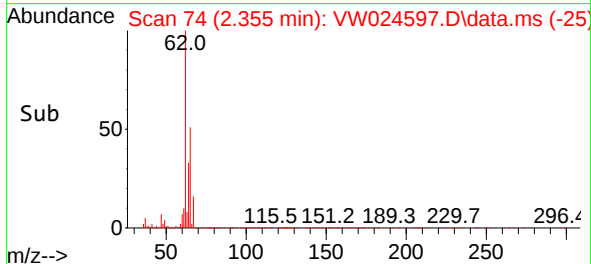
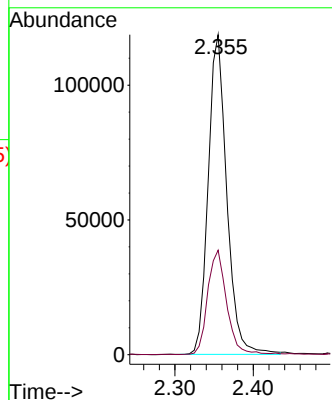
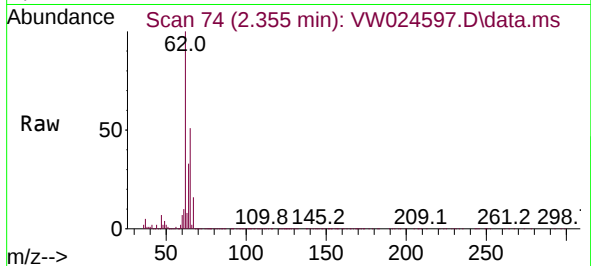




#5
 Vinyl chloride
 Concen: 30.809 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW024597.D
 Acq: 09 Sep 2022 14:36

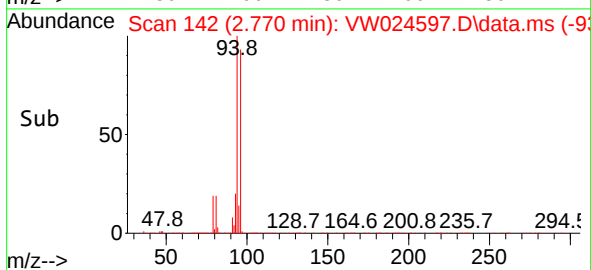
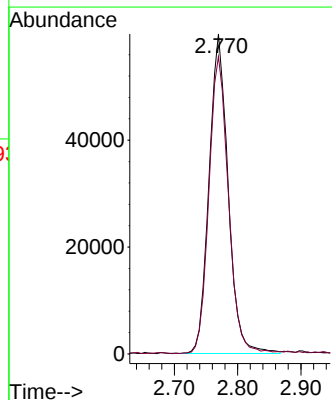
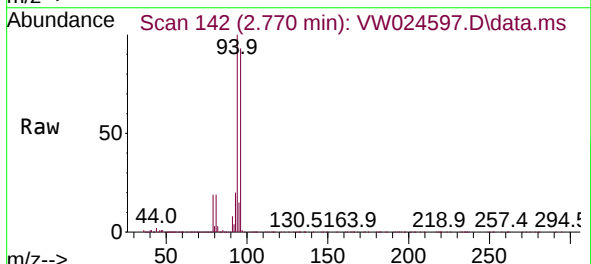
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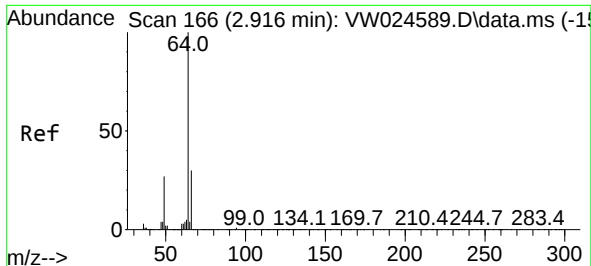
Tgt Ion: 62 Resp: 195111
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.3 43.3



#6
 Bromomethane
 Concen: 30.350 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW024597.D
 Acq: 09 Sep 2022 14:36

Tgt Ion: 94 Resp: 125298
 Ion Ratio Lower Upper
 94 100
 96 93.0 69.8 129.6

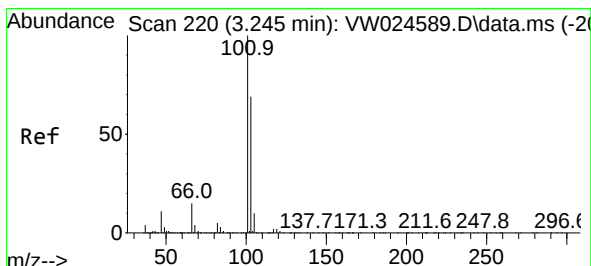
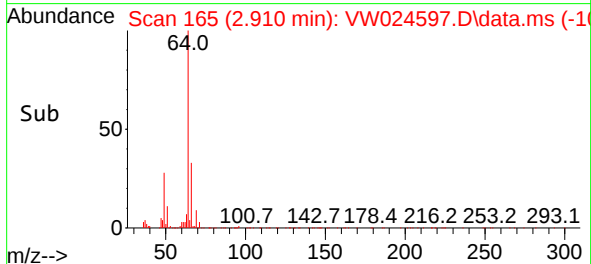
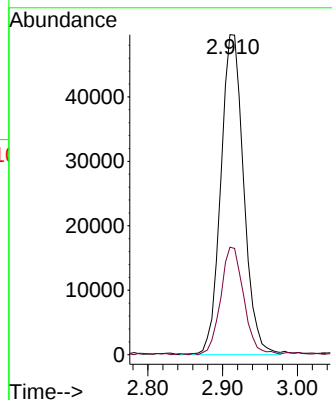
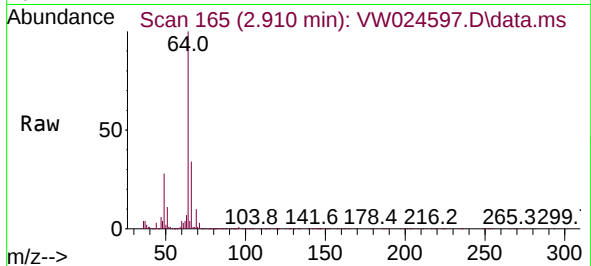




#8
Chloroethane
Concen: 30.760 ug/L
RT: 2.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW024597.D
Acq: 09 Sep 2022 14:36

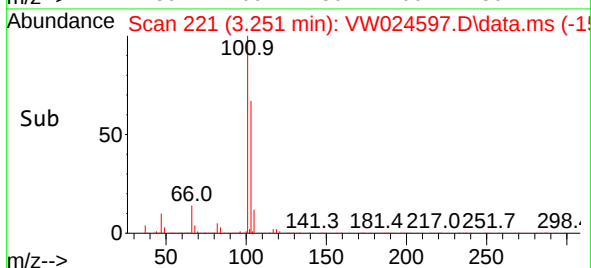
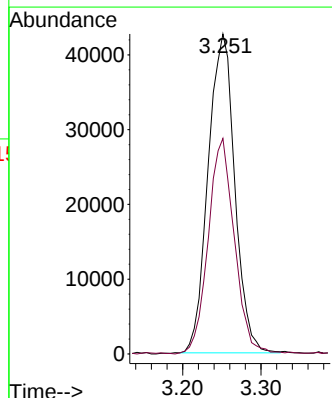
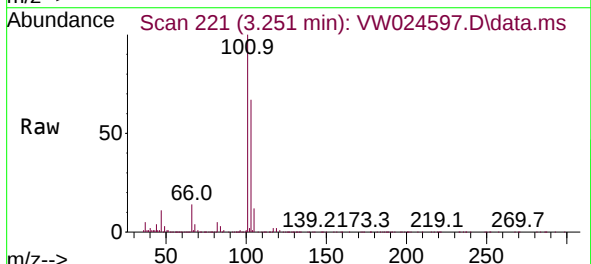
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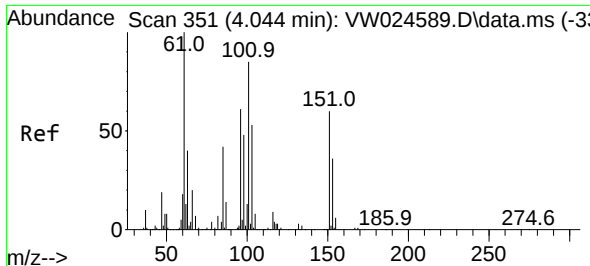
Tgt Ion: 64 Resp: 105979
Ion Ratio Lower Upper
64 100
66 33.6 23.7 44.1



#9
Trichlorofluoromethane
Concen: 27.534 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.006 min
Lab File: VW024597.D
Acq: 09 Sep 2022 14:36

Tgt Ion: 101 Resp: 100809
Ion Ratio Lower Upper
101 100
103 66.2 52.5 78.7

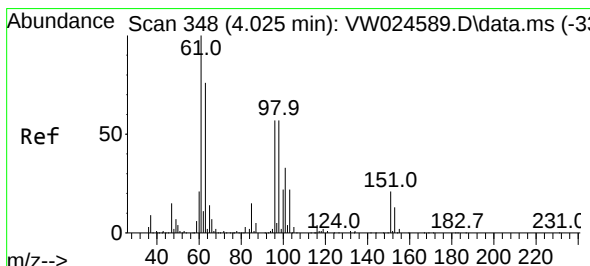
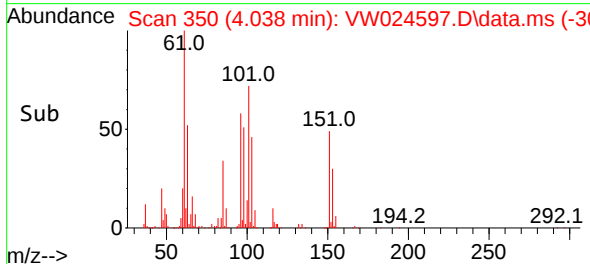
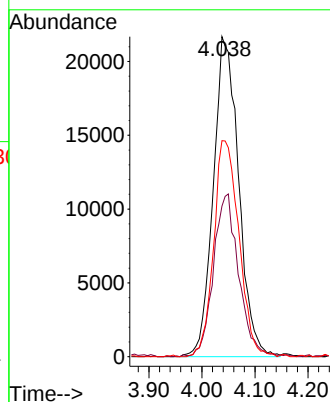
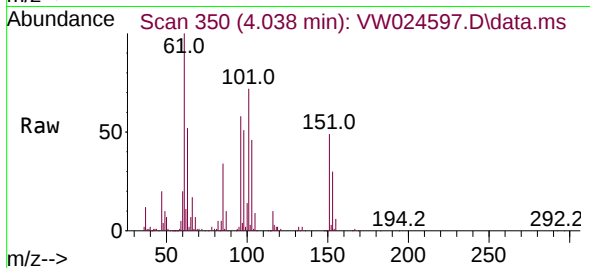




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.344 ug/L
 RT: 4.038 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW024597.D
 Acq: 09 Sep 2022 14:36

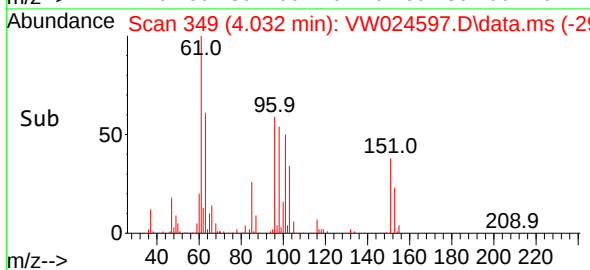
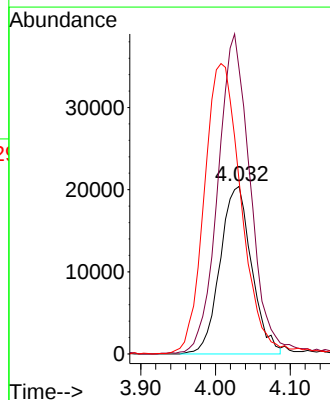
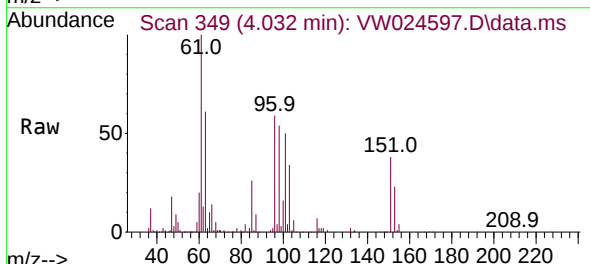
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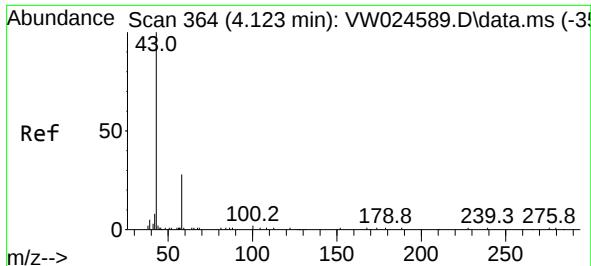
Tgt Ion:101 Resp: 72001
 Ion Ratio Lower Upper
 101 100
 85 49.2 21.8 32.8#
 151 67.2 53.9 80.9



#12
 1,1-Dichloroethene
 Concen: 20.733 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. 0.006 min
 Lab File: VW024597.D
 Acq: 09 Sep 2022 14:36

Tgt Ion: 96 Resp: 59779
 Ion Ratio Lower Upper
 96 100
 61 170.1 119.8 222.6
 63 103.5 89.6 166.4





#13

Acetone

Concen: 41.338 ug/L

RT: 4.117 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW024597.D

Acq: 09 Sep 2022 14:36

Instrument :

MSVOA_W

ClientSampleId :

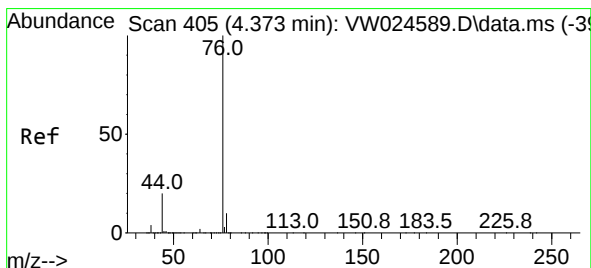
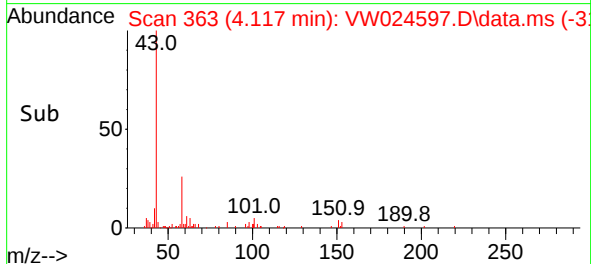
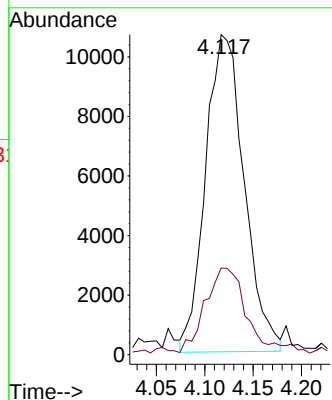
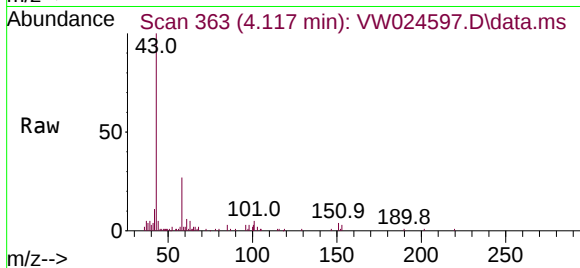
VSTD025567

Tgt Ion: 43 Resp: 29543

Ion Ratio Lower Upper

43 100

58 28.2 0.0 57.8



#14

Carbon disulfide

Concen: 19.751 ug/L

RT: 4.373 min Scan# 405

Delta R.T. 0.000 min

Lab File: VW024597.D

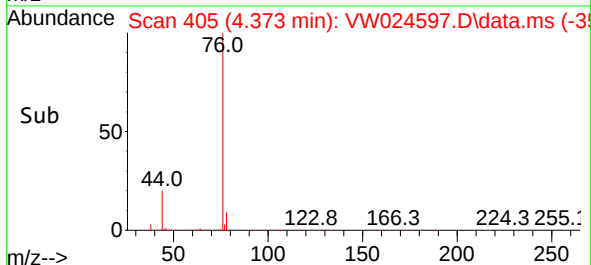
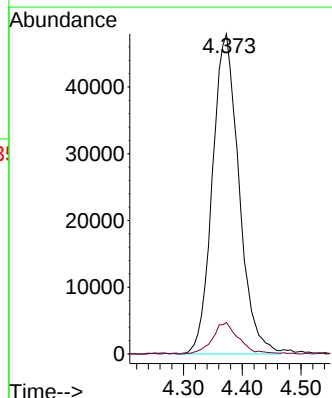
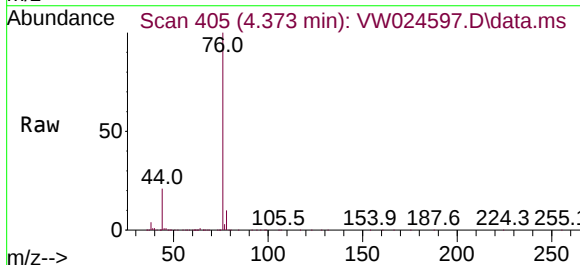
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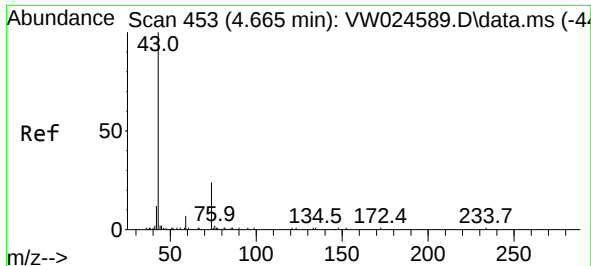
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Ion Ratio Lower Upper

76 100

78 9.9 7.5 11.3

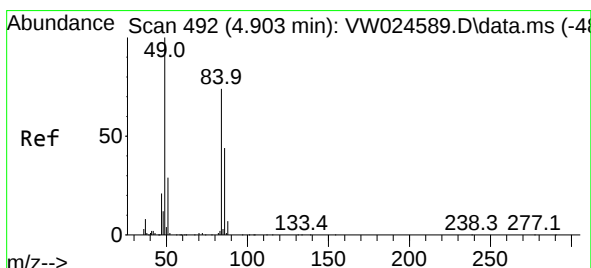
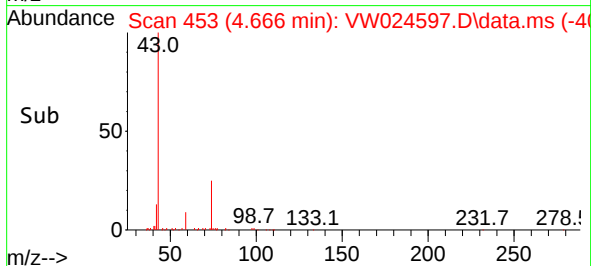
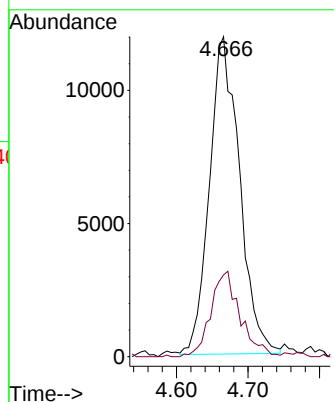
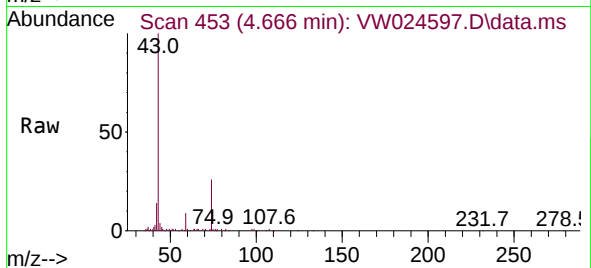




#15
Methyl Acetate
Concen: 23.093 ug/L
RT: 4.666 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW024597.D
Acq: 09 Sep 2022 14:36

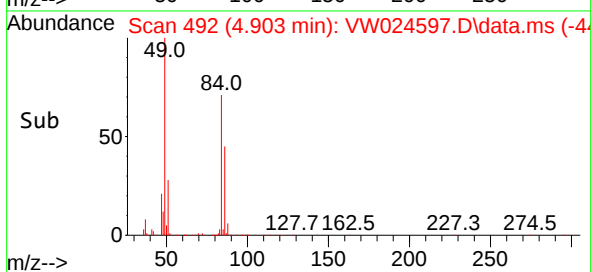
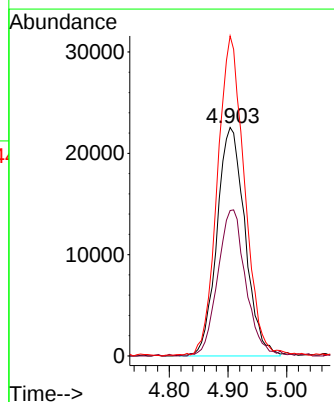
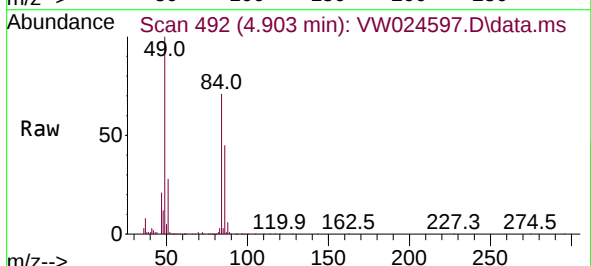
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

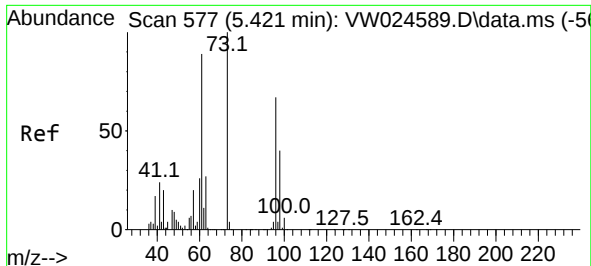
Tgt Ion: 43 Resp: 34884
Ion Ratio Lower Upper
43 100
74 26.1 19.9 29.9



#16
Methylene chloride
Concen: 19.866 ug/L
RT: 4.903 min Scan# 492
Delta R.T. 0.000 min
Lab File: VW024597.D
Acq: 09 Sep 2022 14:36

Tgt Ion: 84 Resp: 74759
Ion Ratio Lower Upper
84 100
86 63.7 44.4 82.5
49 140.1 88.5 164.3

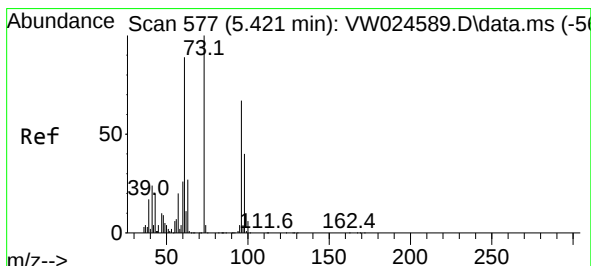
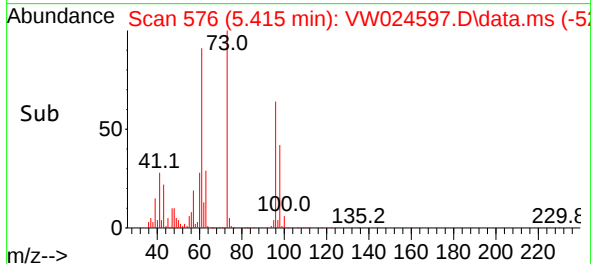
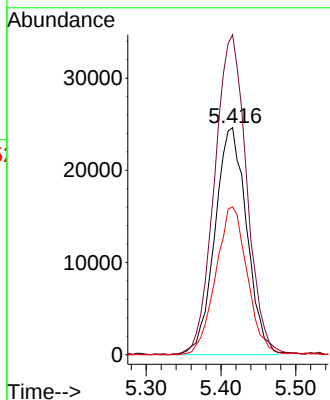
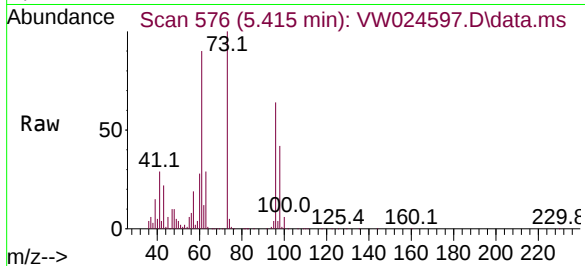




#17
trans-1,2-Dichloroethene
Concen: 22.073 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW024597.D
Acq: 09 Sep 2022 14:36

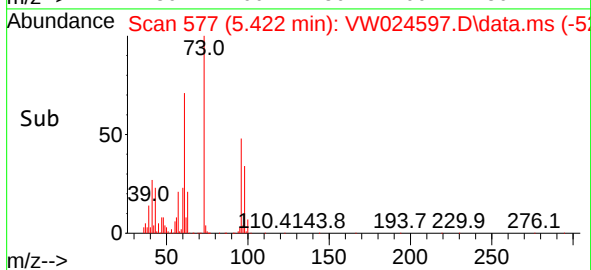
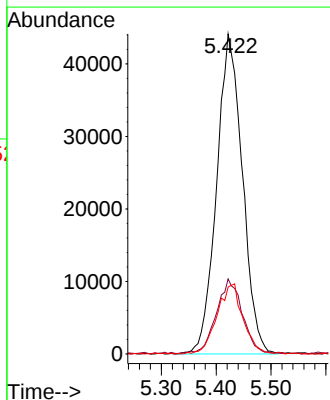
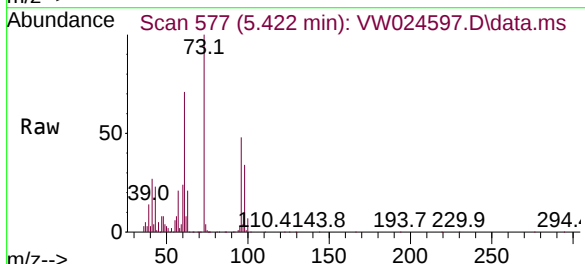
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

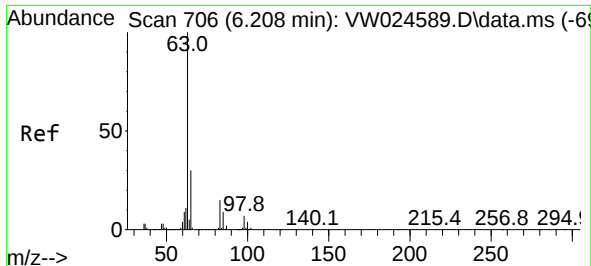
Tgt Ion: 96 Resp: 72901
Ion Ratio Lower Upper
96 100
61 141.0 91.7 170.3
98 65.1 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 24.541 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW024597.D
Acq: 09 Sep 2022 14:36

Tgt Ion: 73 Resp: 144348
Ion Ratio Lower Upper
73 100
43 23.2 16.7 25.1
57 21.9 16.8 25.2





#19

1,1-Dichloroethane

Concen: 24.667 ug/L

RT: 6.208 min Scan# 706

Delta R.T. 0.000 min

Lab File: VW024597.D

Acq: 09 Sep 2022 14:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

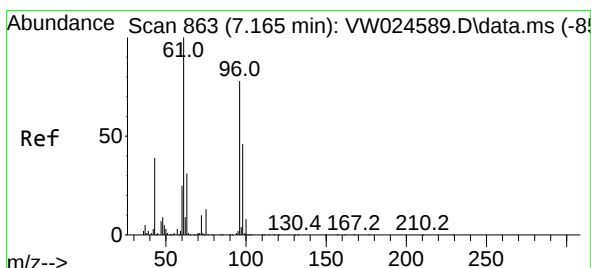
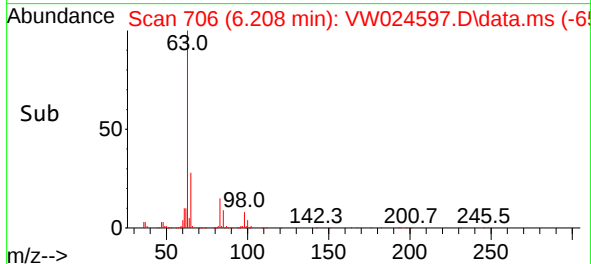
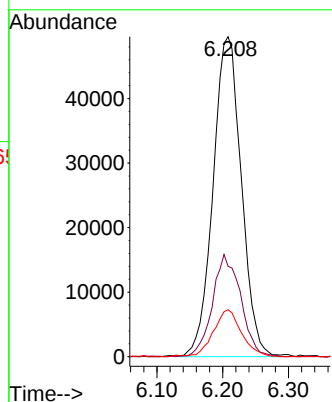
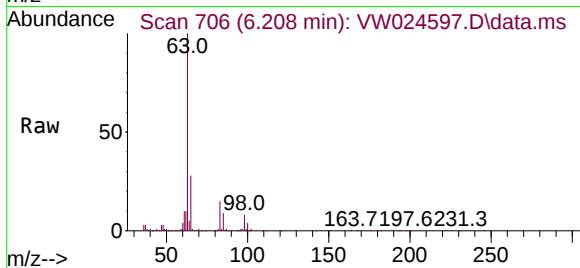
Tgt Ion: 63 Resp: 148225

Ion Ratio Lower Upper

63 100

65 28.2 22.0 41.0

83 14.6 9.5 17.7



#22

2-Butanone

Concen: 47.546 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024597.D

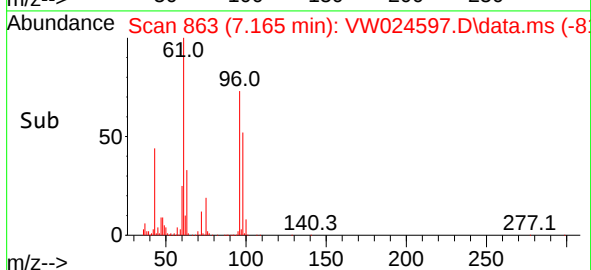
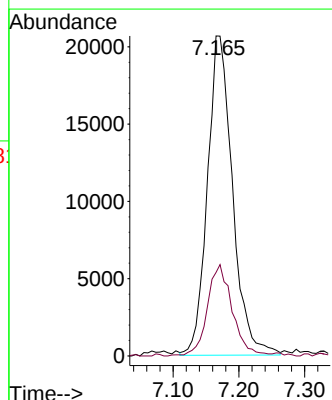
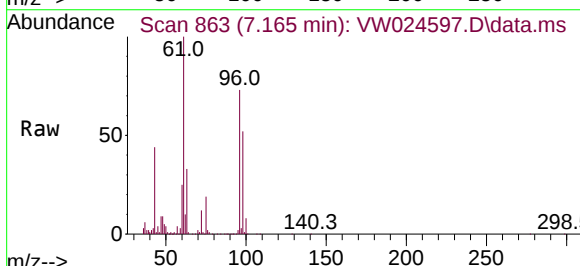
Acq: 09 Sep 2022 14:36

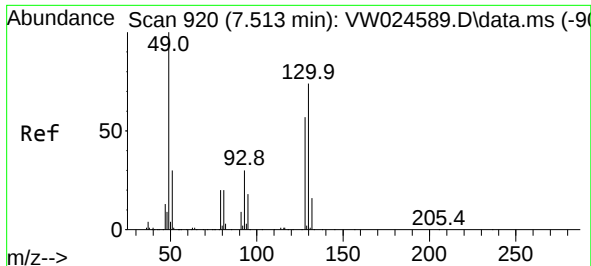
Tgt Ion: 43 Resp: 54964

Ion Ratio Lower Upper

43 100

72 28.2 15.4 46.4

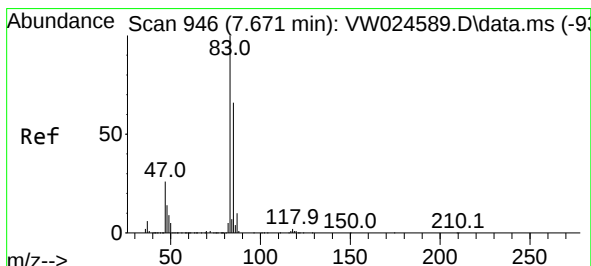
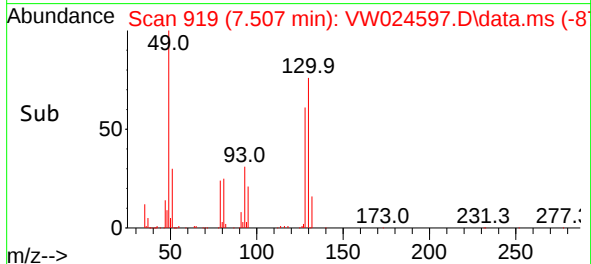
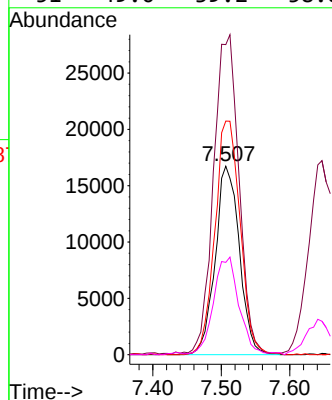
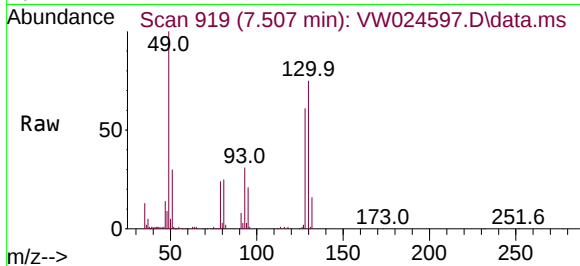




#23
Bromochloromethane
Concen: 24.088 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW024597.D
Acq: 09 Sep 2022 14:36

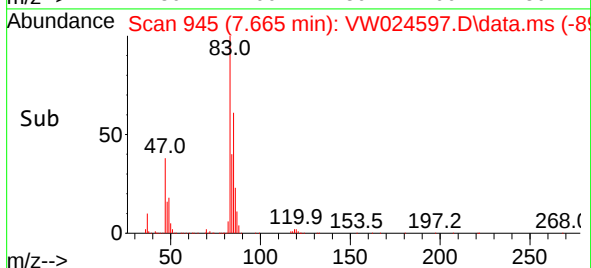
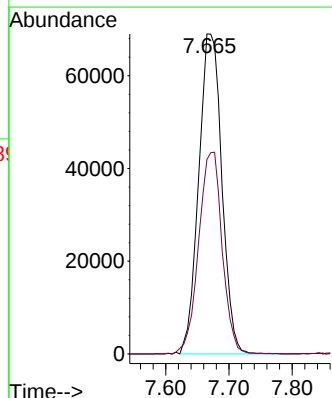
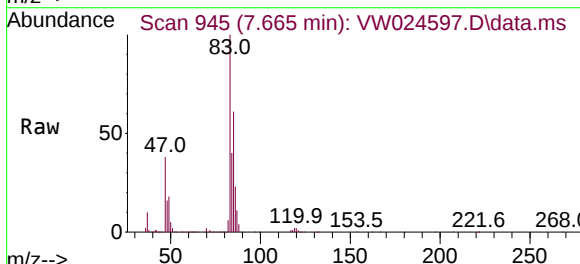
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

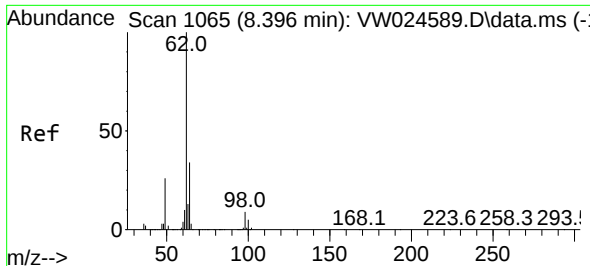
Tgt Ion:	128	Resp:	40868
Ion	Ratio	Lower	Upper
128	100		
49	164.5	110.0	204.2
130	123.9	88.3	163.9
51	49.0	39.2	58.8



#25
Chloroform
Concen: 26.288 ug/L
RT: 7.665 min Scan# 945
Delta R.T. -0.006 min
Lab File: VW024597.D
Acq: 09 Sep 2022 14:36

Tgt Ion:	83	Resp:	175474
Ion	Ratio	Lower	Upper
83	100		
85	60.7	46.4	86.2





#27

1,2-Dichloroethane

Concen: 30.322 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW024597.D

Acq: 09 Sep 2022 14:36

Instrument :

MSVOA_W

ClientSampleId :

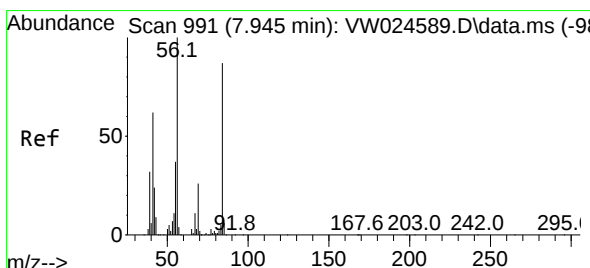
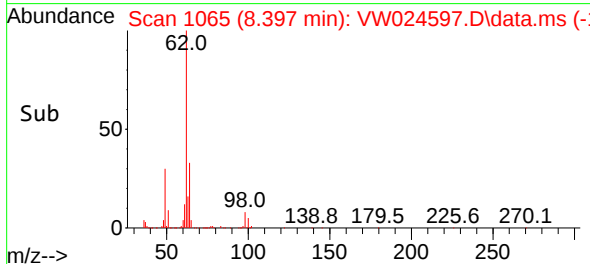
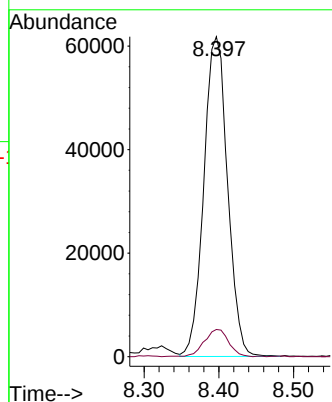
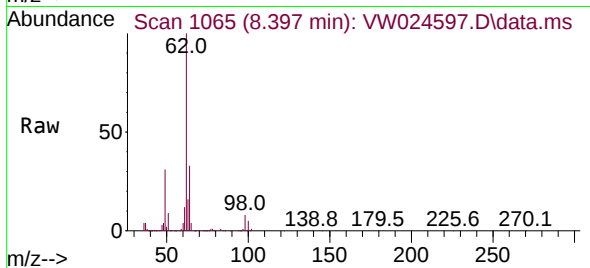
VSTD025567

Tgt Ion: 62 Resp: 136048

Ion Ratio Lower Upper

62 100

98 8.5 7.4 11.0



#29

Cyclohexane

Concen: 22.413 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW024597.D

Acq: 09 Sep 2022 14:36

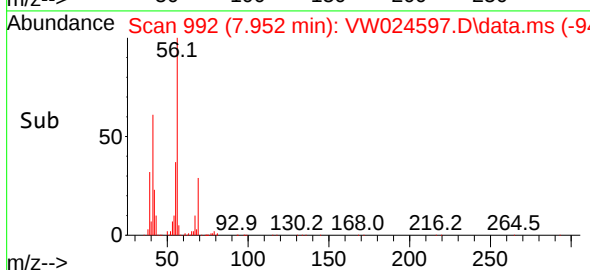
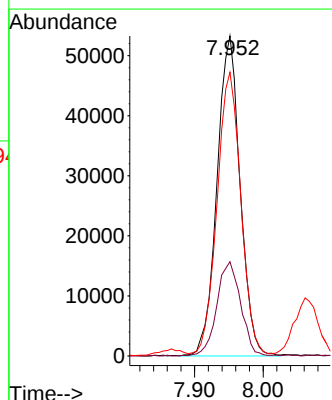
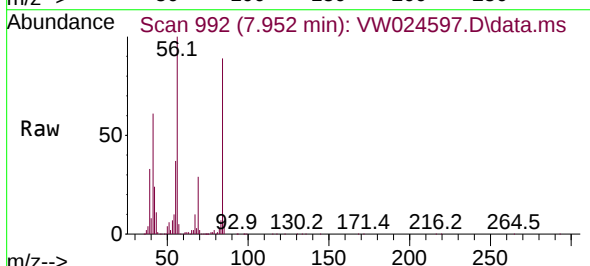
Tgt Ion: 56 Resp: 124889

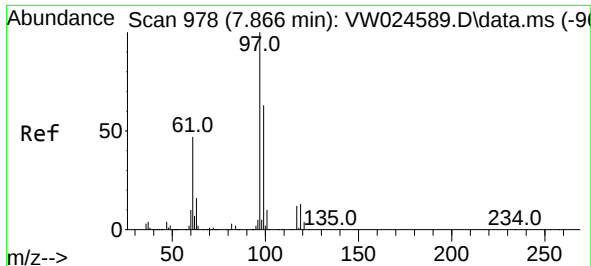
Ion Ratio Lower Upper

56 100

69 30.3 24.5 36.7

84 91.4 75.7 113.5

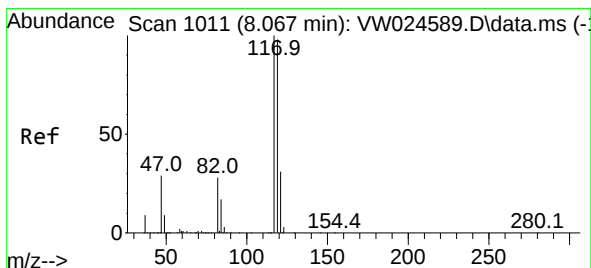
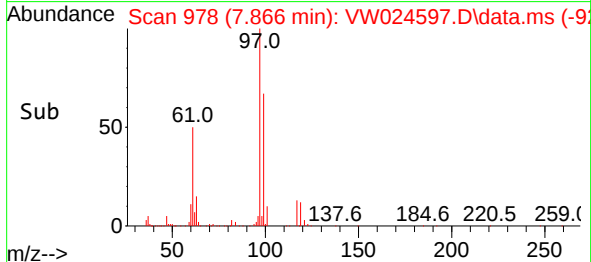
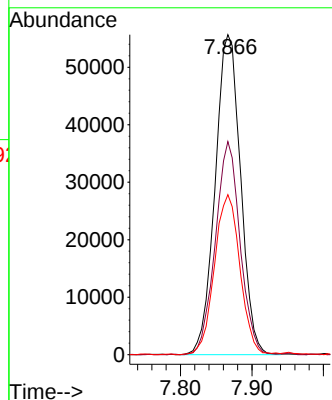
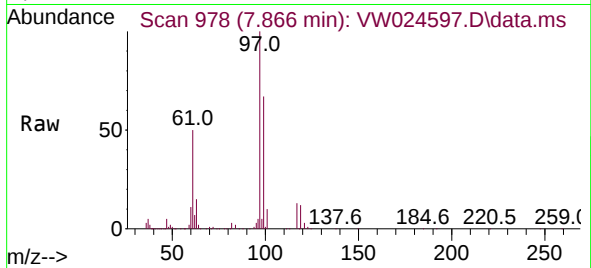




#30
1,1,1-Trichloroethane
Concen: 21.788 ug/L
RT: 7.866 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW024597.D
Acq: 09 Sep 2022 14:36

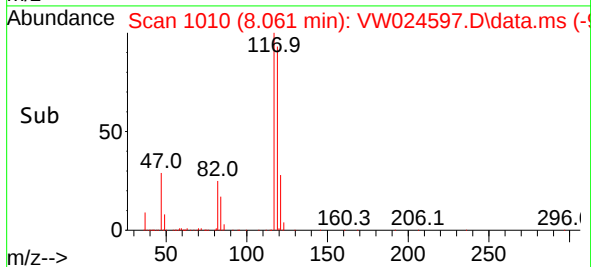
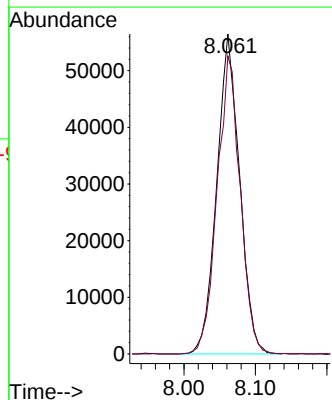
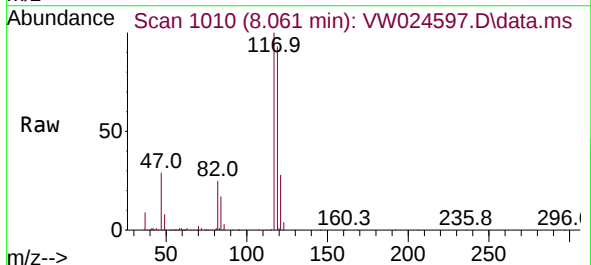
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

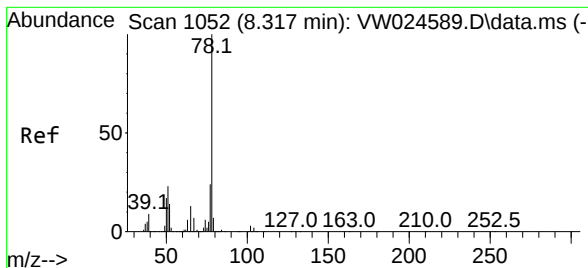
Tgt Ion: 97 Resp: 137532
Ion Ratio Lower Upper
97 100
99 64.7 51.5 77.3
61 50.4 37.2 55.8



#31
Carbon tetrachloride
Concen: 21.695 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. -0.006 min
Lab File: VW024597.D
Acq: 09 Sep 2022 14:36

Tgt Ion: 117 Resp: 125078
Ion Ratio Lower Upper
117 100
119 94.2 74.4 111.6





#33

Benzene

Concen: 25.193 ug/L

RT: 8.317 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VW024597.D

Acq: 09 Sep 2022 14:36

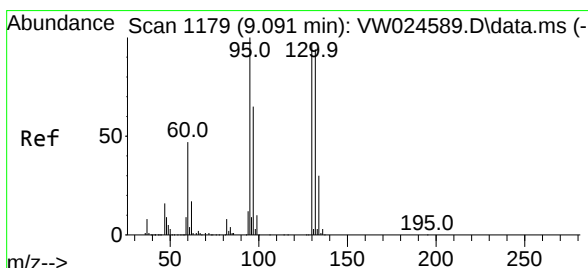
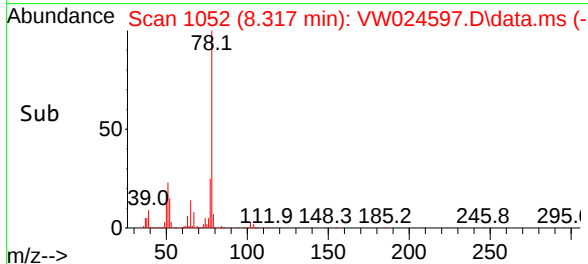
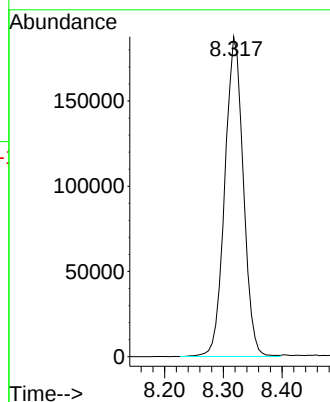
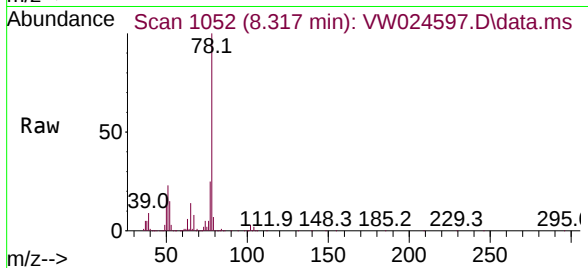
Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

Tgt Ion: 78 Resp: 411546



#34

Trichloroethene

Concen: 23.310 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024597.D

Acq: 09 Sep 2022 14:36

Tgt Ion: 95 Resp: 99454

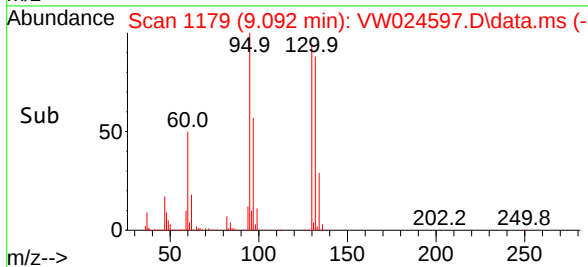
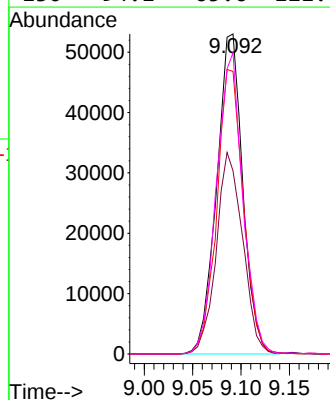
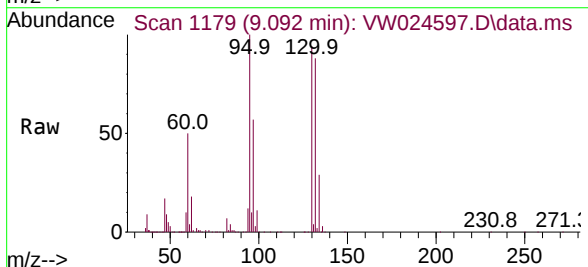
Ion Ratio Lower Upper

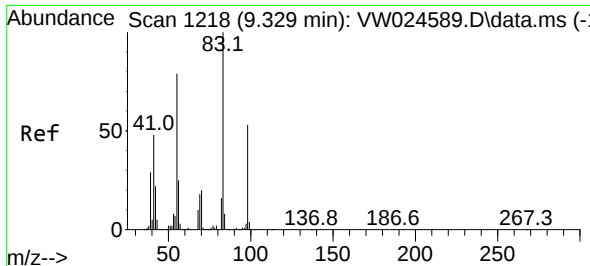
95 100

97 57.3 45.9 85.3

132 88.3 62.6 116.2

130 94.1 65.6 121.8

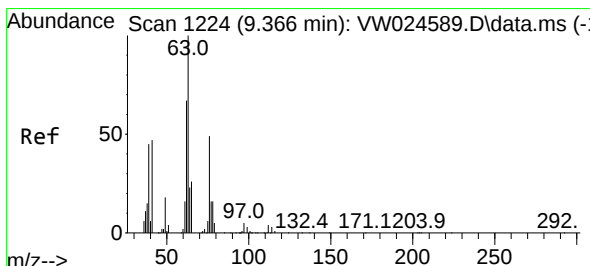
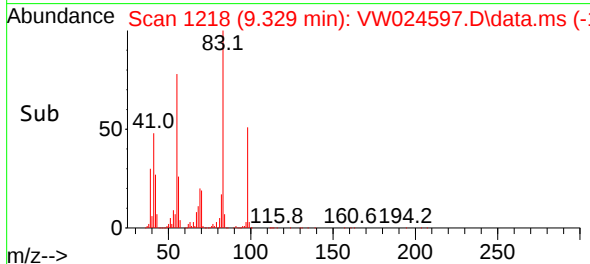
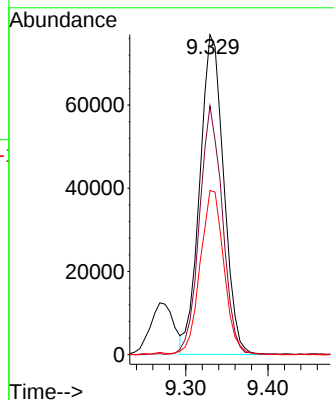
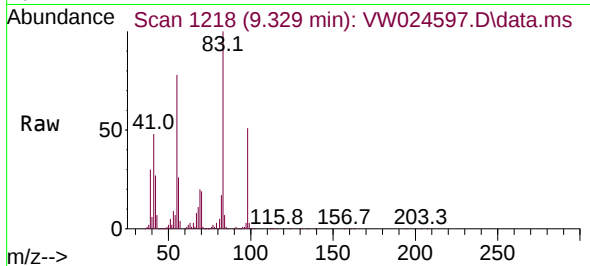




#35
Methylcyclohexane
Concen: 22.722 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VW024597.D
Acq: 09 Sep 2022 14:36

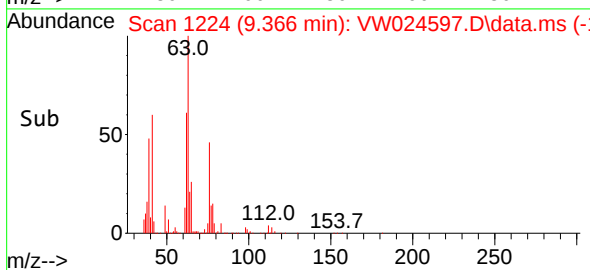
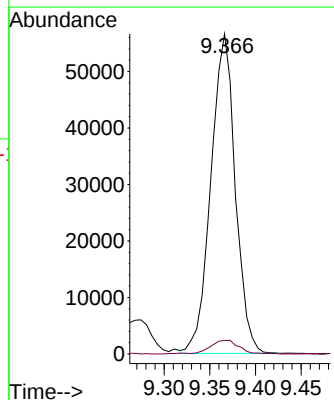
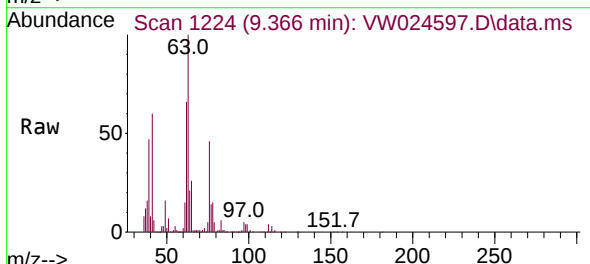
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

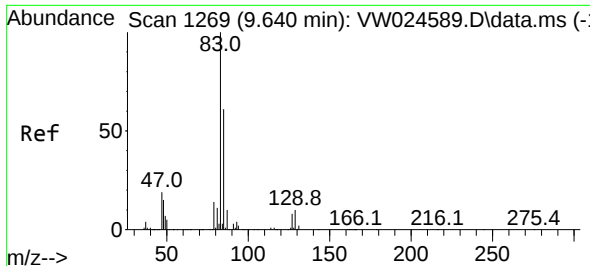
Tgt Ion: 83 Resp: 155104
Ion Ratio Lower Upper
83 100
55 74.3 57.3 85.9
98 51.1 40.4 60.6



#37
1,2-Dichloropropane
Concen: 25.738 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW024597.D
Acq: 09 Sep 2022 14:36

Tgt Ion: 63 Resp: 105009
Ion Ratio Lower Upper
63 100
112 4.9 3.9 5.9

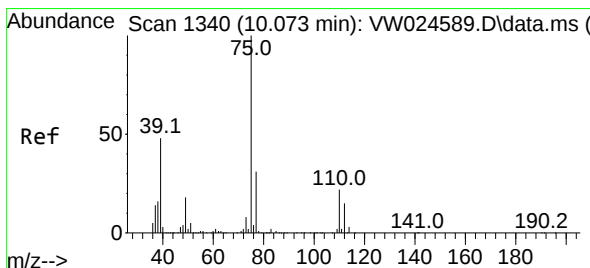
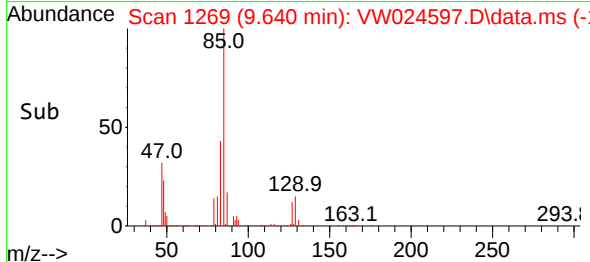
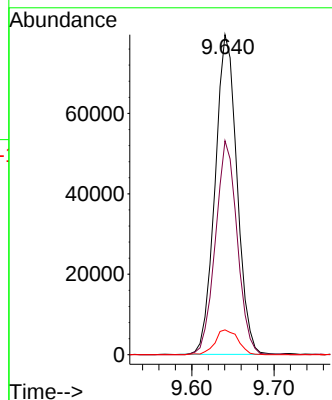
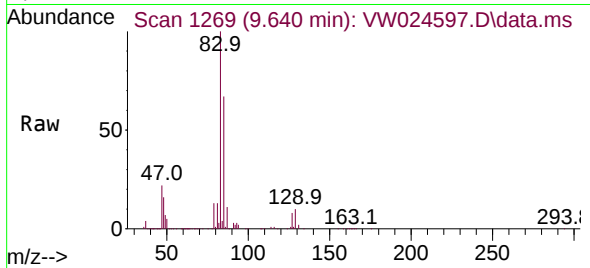




#38
 Bromodichloromethane
 Concen: 25.555 ug/L
 RT: 9.640 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW024597.D
 Acq: 09 Sep 2022 14:36

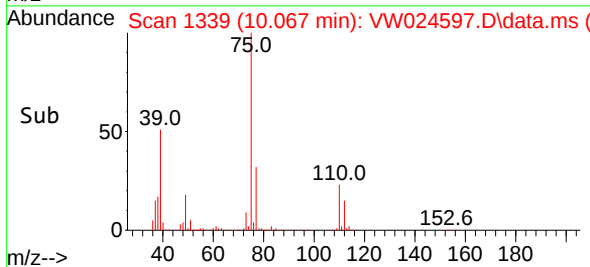
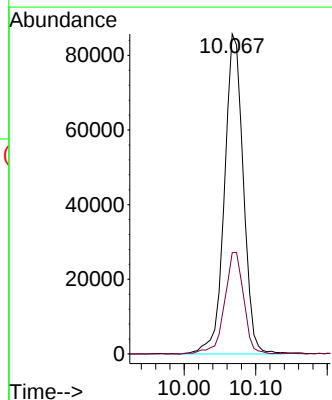
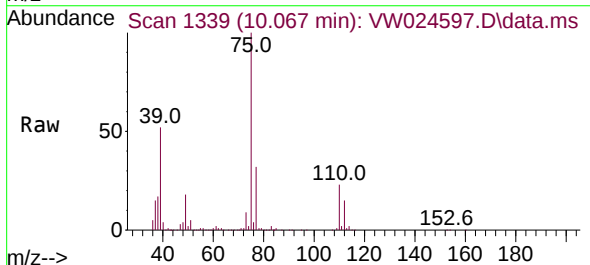
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025567

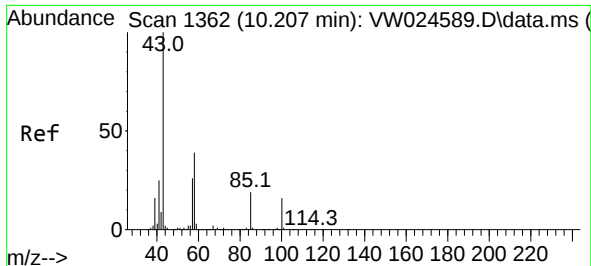
Tgt Ion: 83 Resp: 147356
 Ion Ratio Lower Upper
 83 100
 85 66.9 45.1 83.9
 127 7.7 7.3 10.9



#39
 cis-1,3-Dichloropropene
 Concen: 26.346 ug/L
 RT: 10.067 min Scan# 1339
 Delta R.T. -0.006 min
 Lab File: VW024597.D
 Acq: 09 Sep 2022 14:36

Tgt Ion: 75 Resp: 157165
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.9 40.7





#40

4-Methyl-2-pentanone

Concen: 53.845 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024597.D

Acq: 09 Sep 2022 14:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

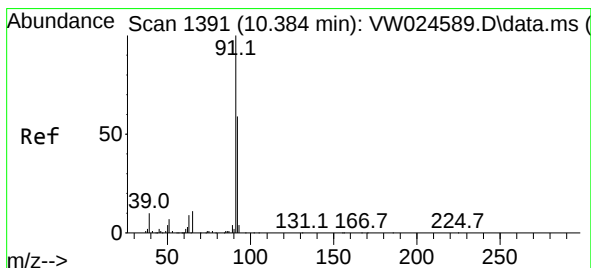
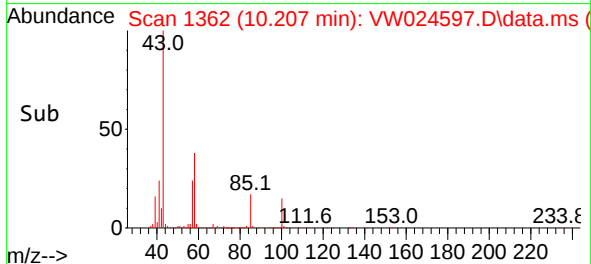
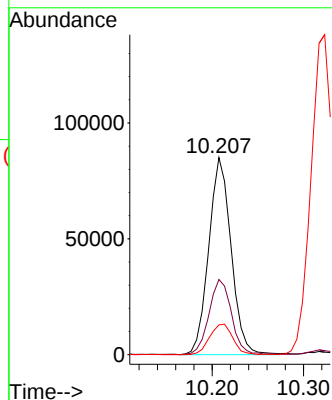
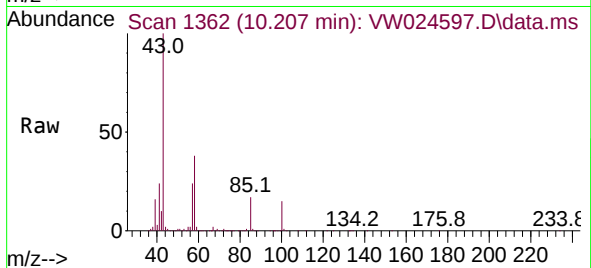
Tgt Ion: 43 Resp: 144914

Ion Ratio Lower Upper

43 100

58 38.2 30.9 46.3

100 16.0 13.3 19.9



#42

Toluene

Concen: 28.575 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024597.D

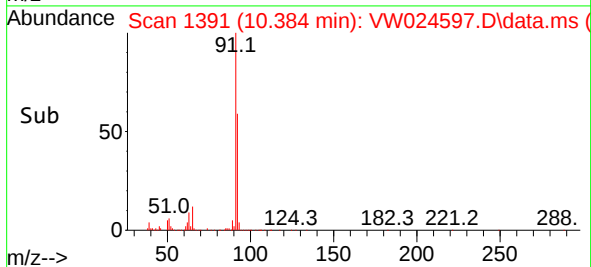
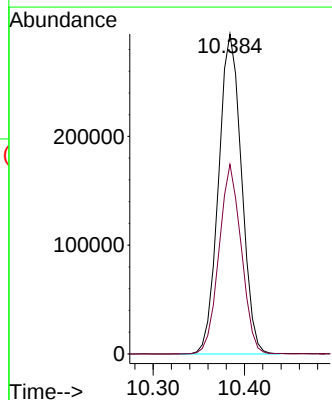
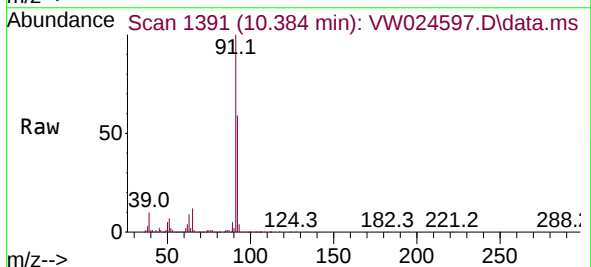
Acq: 09 Sep 2022 14:36

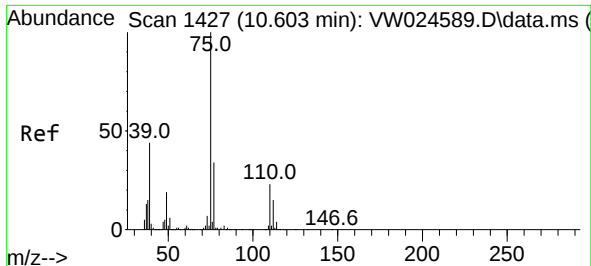
Tgt Ion: 91 Resp: 514617

Ion Ratio Lower Upper

91 100

92 59.3 40.8 75.8

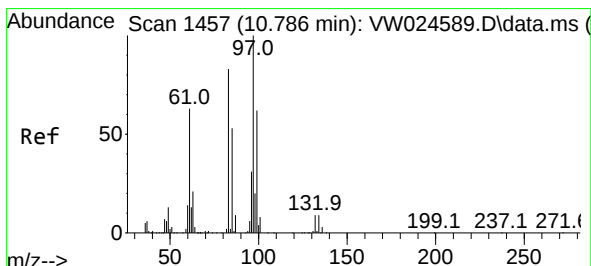
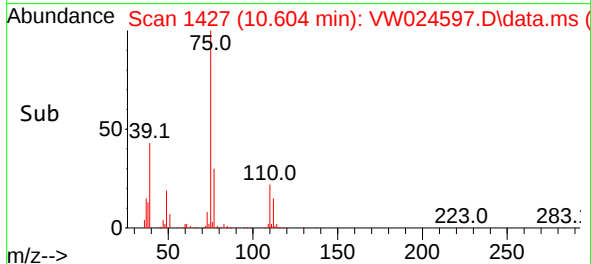
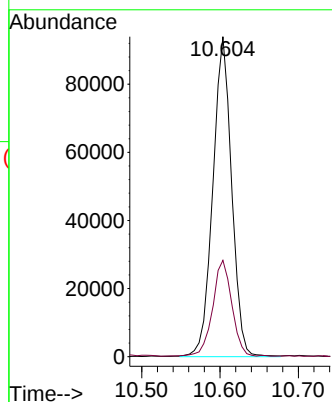
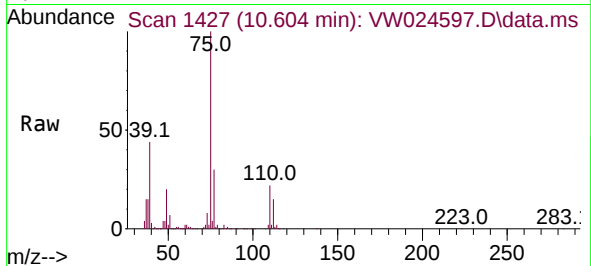




#44
trans-1,3-Dichloropropene
Concen: 27.838 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024597.D
Acq: 09 Sep 2022 14:36

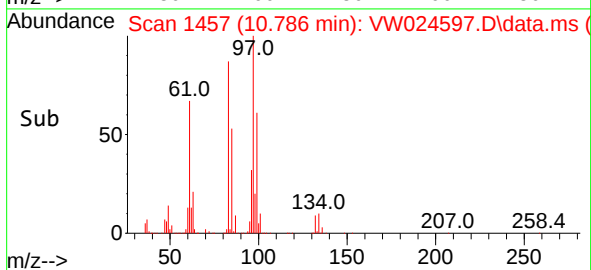
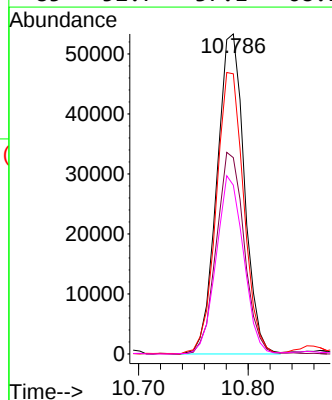
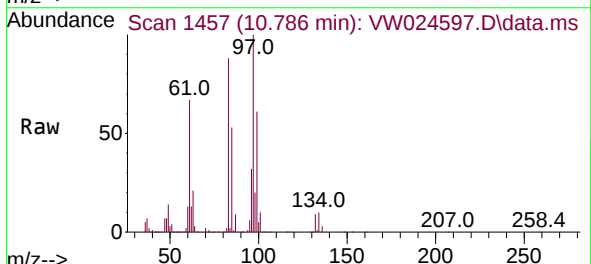
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

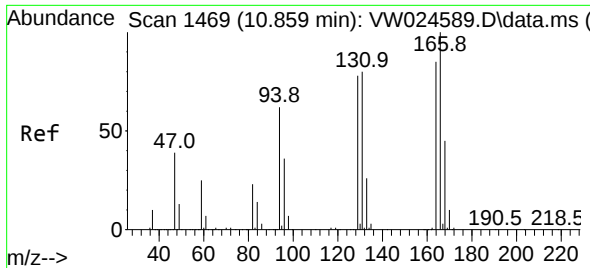
Tgt Ion: 75 Resp: 156860
Ion Ratio Lower Upper
75 100
77 30.1 21.8 40.4



#45
1,1,2-Trichloroethane
Concen: 27.264 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024597.D
Acq: 09 Sep 2022 14:36

Tgt Ion: 97 Resp: 92966
Ion Ratio Lower Upper
97 100
99 61.3 41.9 77.9
83 87.6 58.2 108.0
85 52.7 37.1 68.9

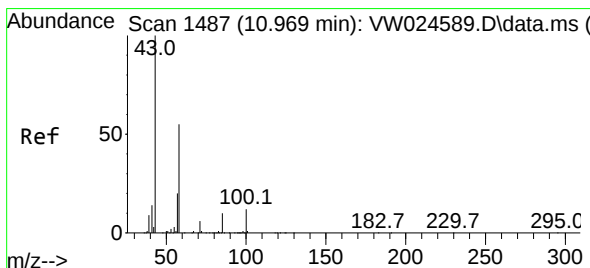
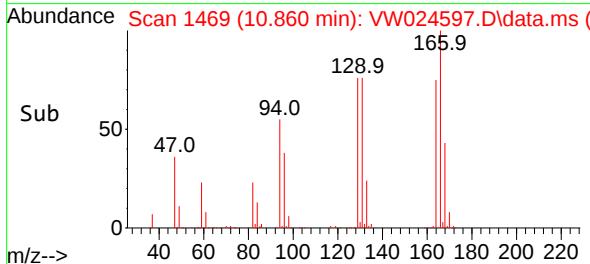
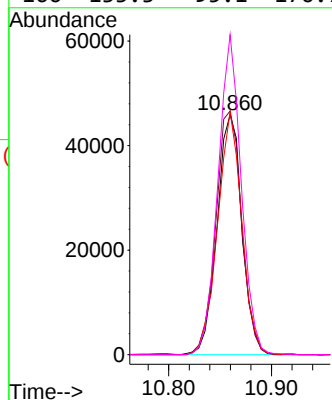
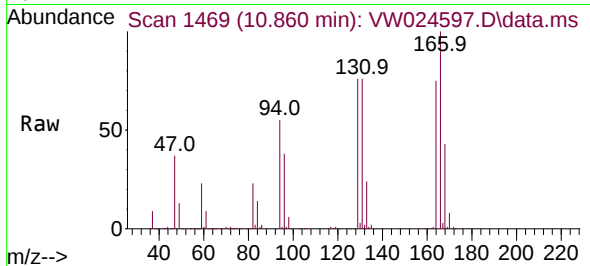




#46
Tetrachloroethene
Concen: 24.549 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024597.D
Acq: 09 Sep 2022 14:36

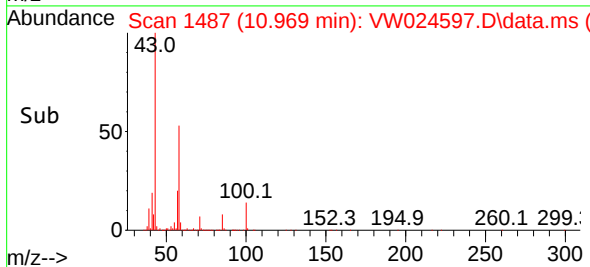
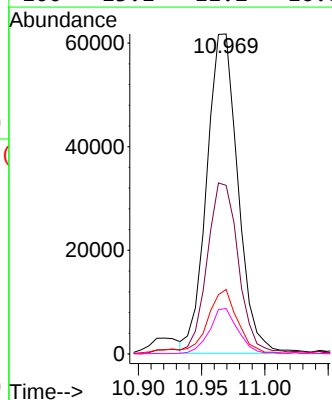
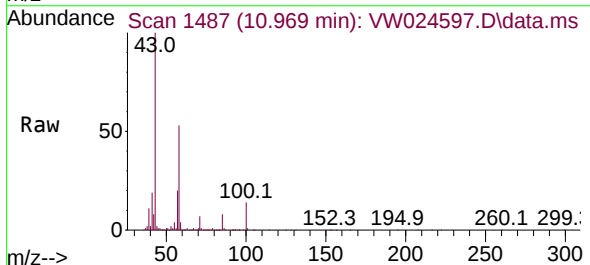
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

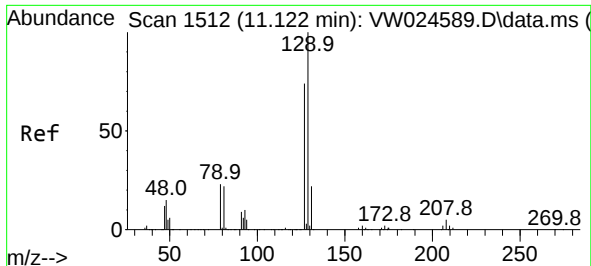
Tgt Ion:	164	Resp:	77175
Ion	Ratio	Lower	Upper
164	100		
129	101.5	75.0	139.2
131	101.2	70.1	130.1
166	133.3	95.1	176.7



#48
2-Hexanone
Concen: 57.332 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024597.D
Acq: 09 Sep 2022 14:36

Tgt Ion:	43	Resp:	105814
Ion	Ratio	Lower	Upper
43	100		
58	54.4	43.7	65.5
57	19.4	15.3	22.9
100	13.1	11.2	16.8





#49

Dibromochloromethane

Concen: 28.237 ug/L

RT: 11.122 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024597.D

Acq: 09 Sep 2022 14:36

Instrument :

MSVOA_W

ClientSampleId :

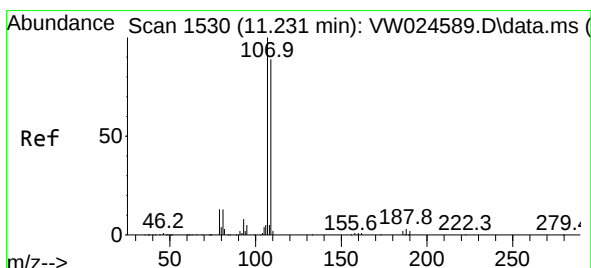
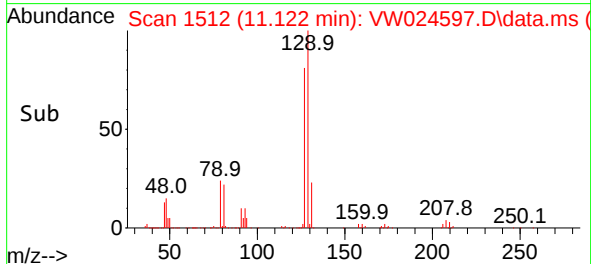
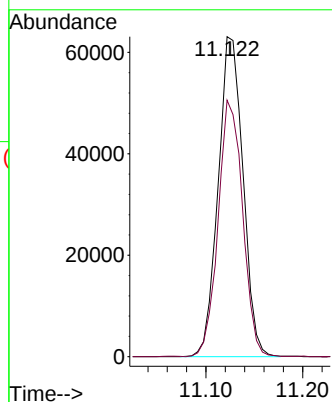
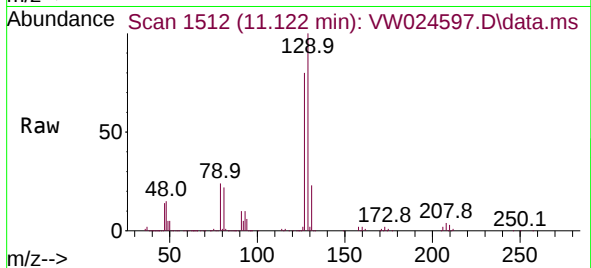
VSTD025567

Tgt Ion:129 Resp: 112559

Ion Ratio Lower Upper

129 100

127 80.1 56.1 104.1



#50

1,2-Dibromoethane

Concen: 26.470 ug/L

RT: 11.232 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW024597.D

Acq: 09 Sep 2022 14:36

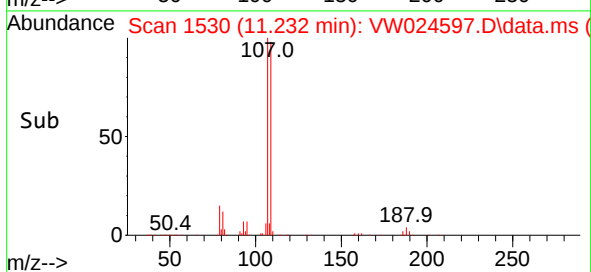
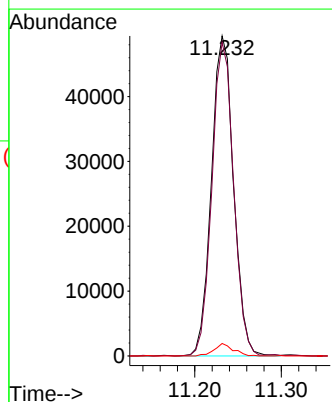
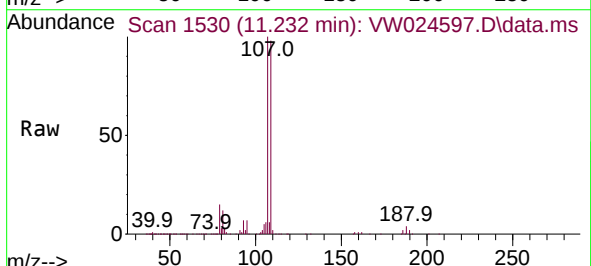
Tgt Ion:107 Resp: 87599

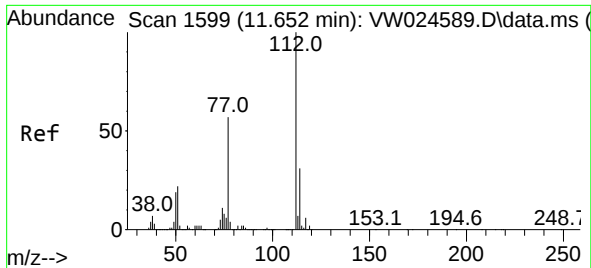
Ion Ratio Lower Upper

107 100

109 97.9 64.5 119.9

188 3.9 3.0 4.4

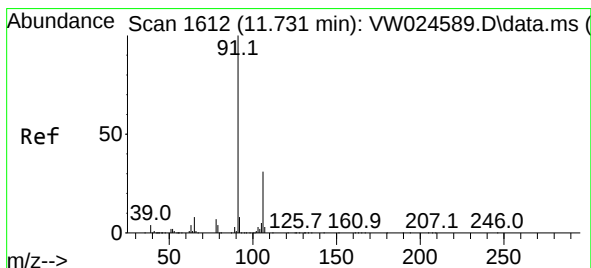
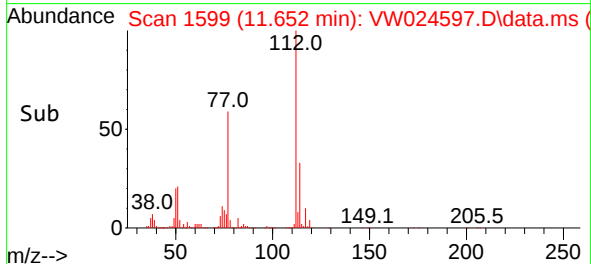
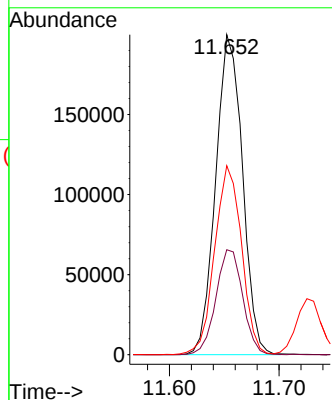
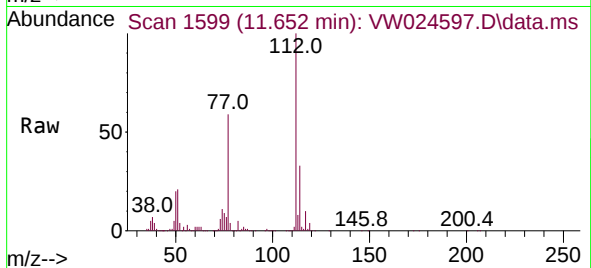




#51
Chlorobenzene
Concen: 27.311 ug/L
RT: 11.652 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024597.D
Acq: 09 Sep 2022 14:36

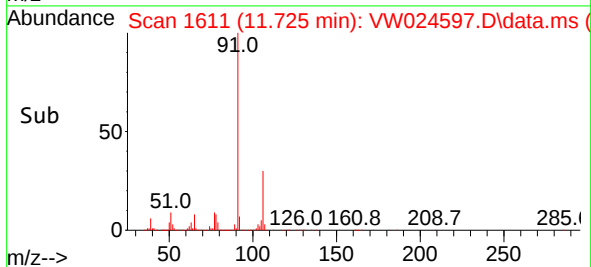
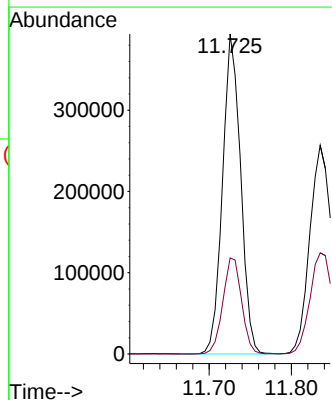
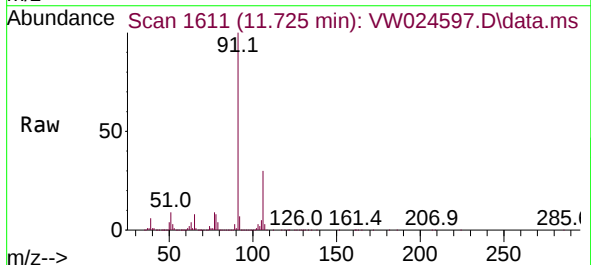
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

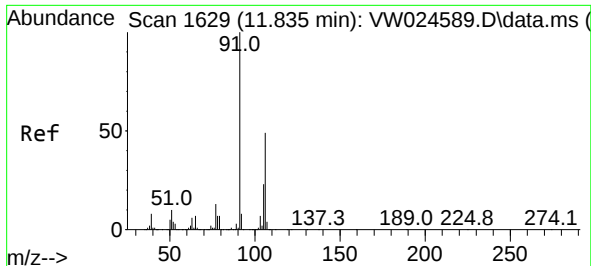
Tgt Ion:112 Resp: 339802
Ion Ratio Lower Upper
112 100
114 32.8 20.0 37.2
77 59.0 42.6 63.8



#52
Ethylbenzene
Concen: 29.499 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW024597.D
Acq: 09 Sep 2022 14:36

Tgt Ion: 91 Resp: 603199
Ion Ratio Lower Upper
91 100
106 30.0 23.8 44.2

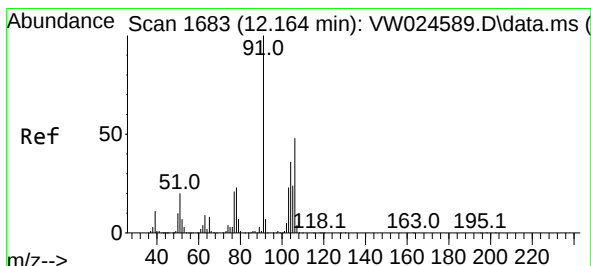
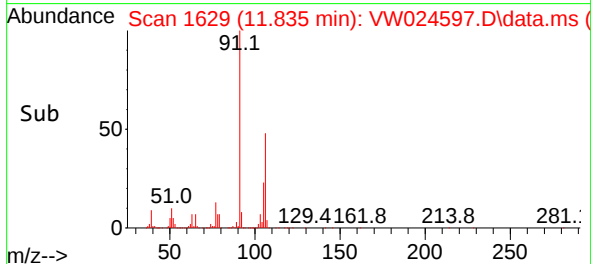
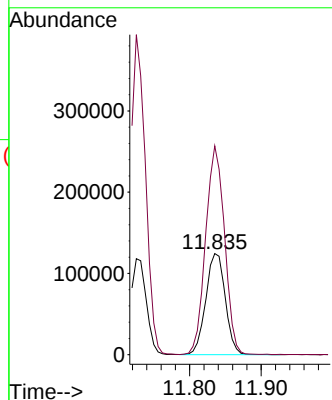
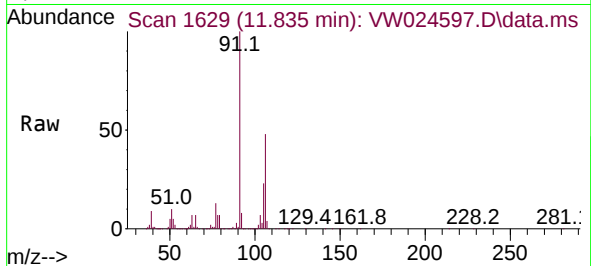




#53
m,p-Xylene
Concen: 29.477 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024597.D
Acq: 09 Sep 2022 14:36

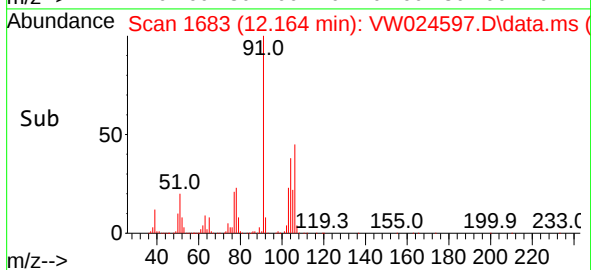
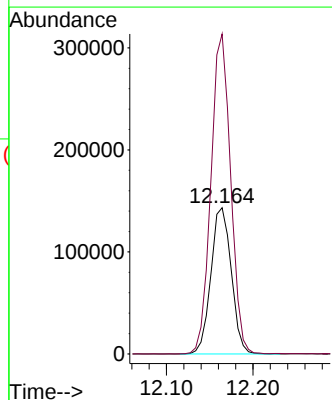
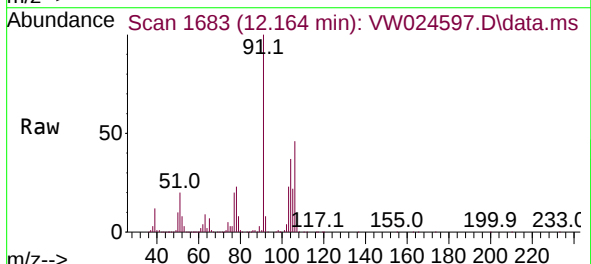
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

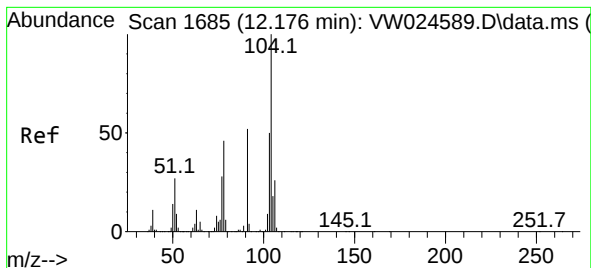
Tgt Ion:106 Resp: 235486
Ion Ratio Lower Upper
106 100
91 206.6 131.3 243.8



#54
o-Xylene
Concen: 30.795 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024597.D
Acq: 09 Sep 2022 14:36

Tgt Ion:106 Resp: 234227
Ion Ratio Lower Upper
106 100
91 218.9 148.7 276.3





#55

Styrene

Concen: 31.533 ug/L

RT: 12.176 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024597.D

Acq: 09 Sep 2022 14:36

Instrument :

MSVOA_W

ClientSampleId :

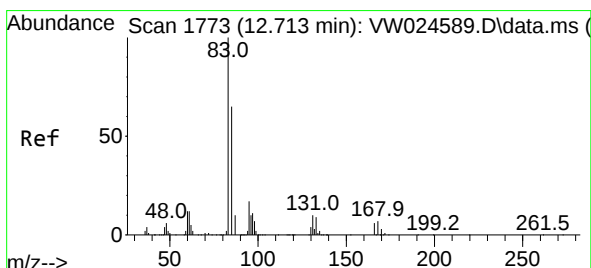
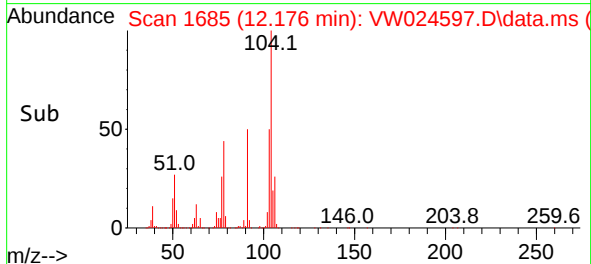
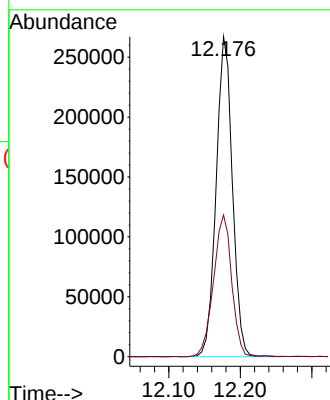
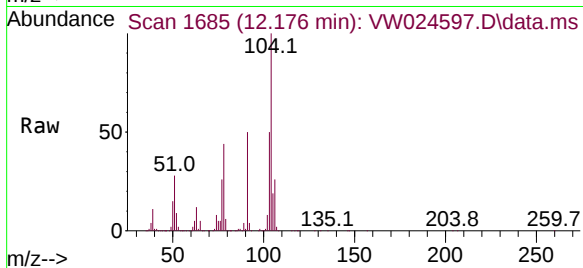
VSTD025567

Tgt Ion:104 Resp: 422174

Ion Ratio Lower Upper

104 100

78 44.3 33.0 61.4



#57

1,1,2,2-Tetrachloroethane

Concen: 30.179 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024597.D

Acq: 09 Sep 2022 14:36

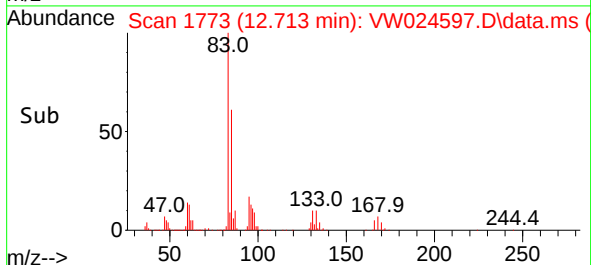
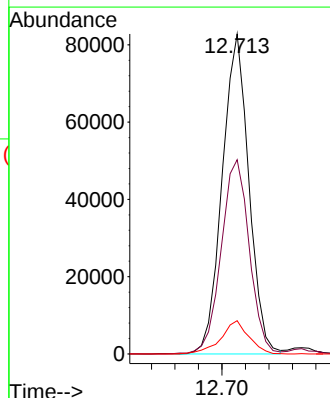
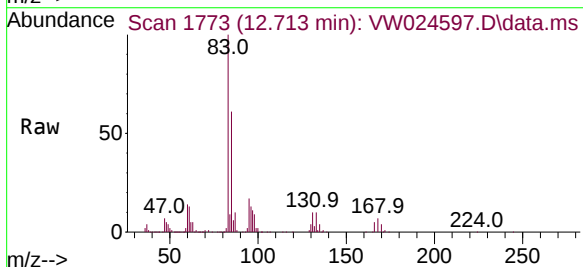
Tgt Ion: 83 Resp: 130278

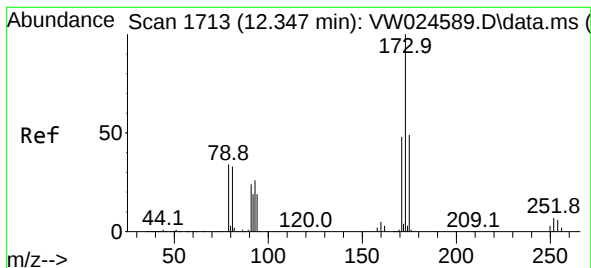
Ion Ratio Lower Upper

83 100

85 60.7 45.6 84.8

131 10.4 9.0 13.4





#59

Bromoform

Concen: 27.520 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024597.D

Acq: 09 Sep 2022 14:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

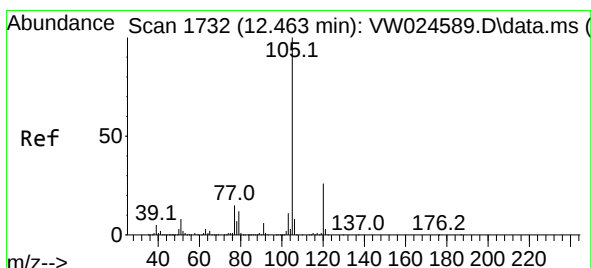
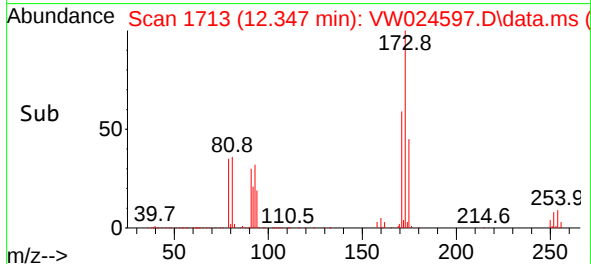
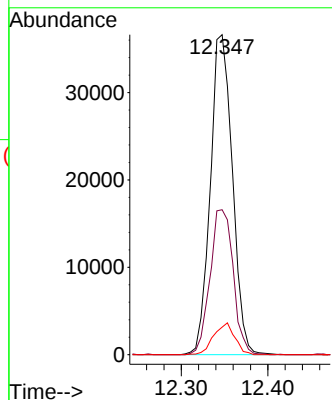
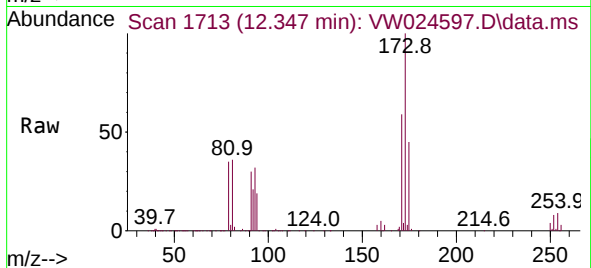
Tgt Ion:173 Resp: 64901

Ion Ratio Lower Upper

173 100

175 47.5 40.5 60.7

254 9.5 6.4 9.6



#60

Isopropylbenzene

Concen: 28.837 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW024597.D

Acq: 09 Sep 2022 14:36

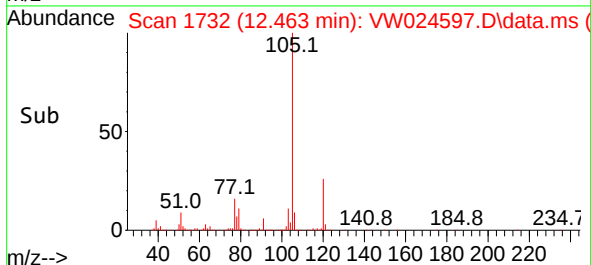
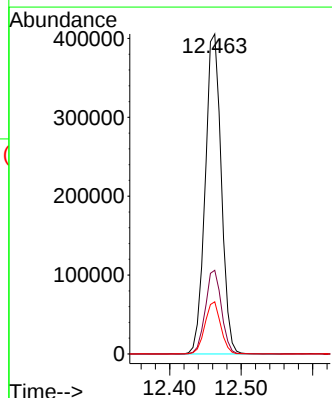
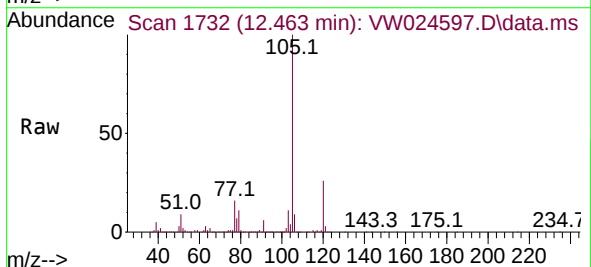
Tgt Ion:105 Resp: 633469

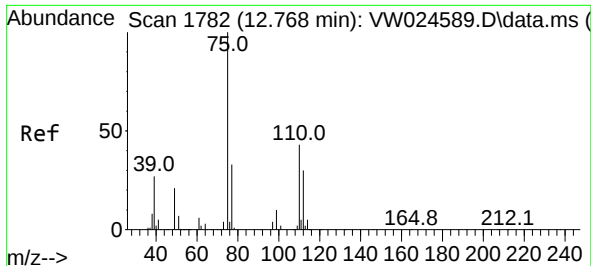
Ion Ratio Lower Upper

105 100

120 26.2 20.9 31.3

77 16.1 12.6 19.0





#61

1,2,3-Trichloropropane

Concen: 26.905 ug/L

RT: 12.762 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW024597.D

Acq: 09 Sep 2022 14:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

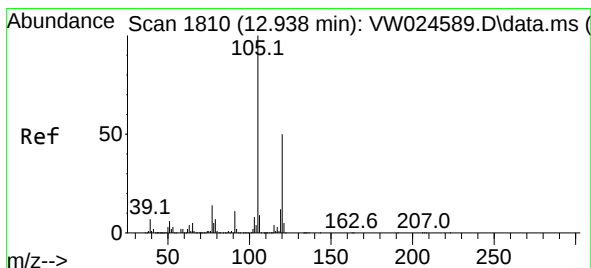
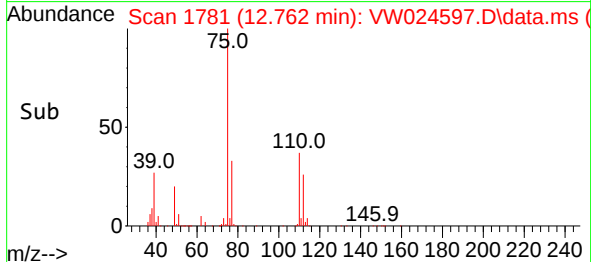
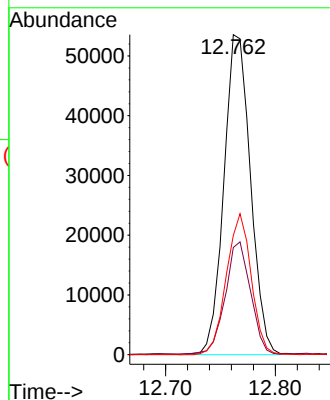
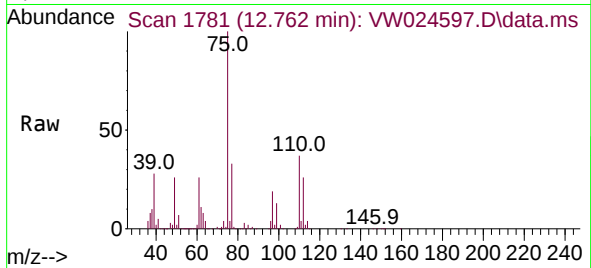
Tgt Ion: 75 Resp: 90311

Ion Ratio Lower Upper

75 100

77 33.4 26.8 40.2

110 41.2 33.8 50.8



#62

1,3,5-Trimethylbenzene

Concen: 28.941 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024597.D

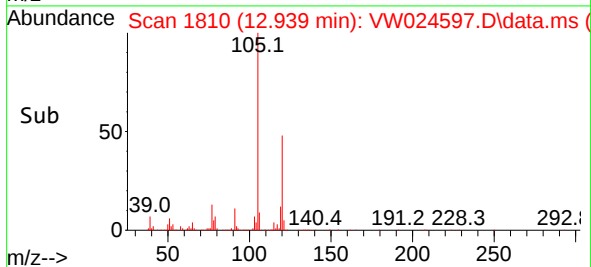
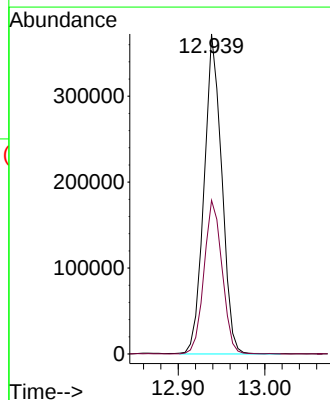
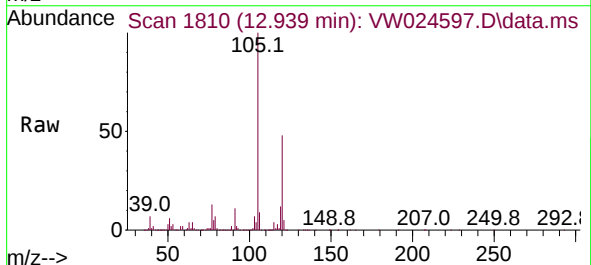
Acq: 09 Sep 2022 14:36

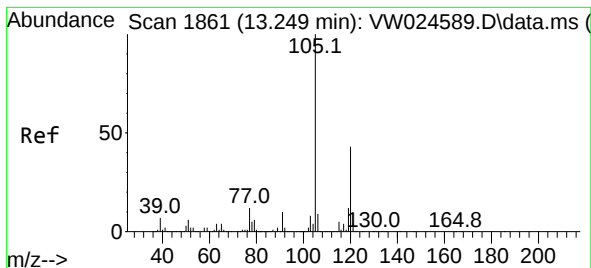
Tgt Ion:105 Resp: 527933

Ion Ratio Lower Upper

105 100

120 48.9 39.5 59.3





#63

1,2,4-Trimethylbenzene

Concen: 29.297 ug/L

RT: 13.243 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW024597.D

Acq: 09 Sep 2022 14:36

Instrument :

MSVOA_W

ClientSampleId :

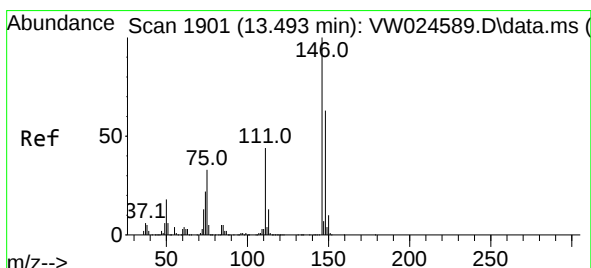
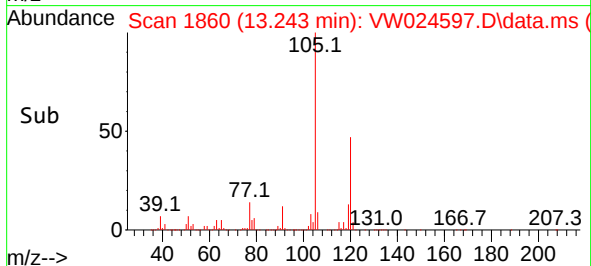
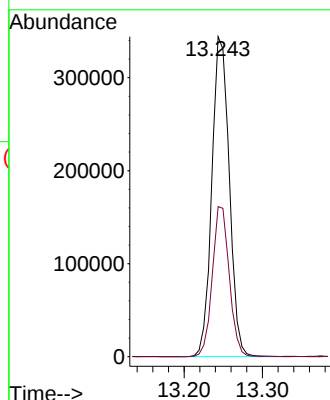
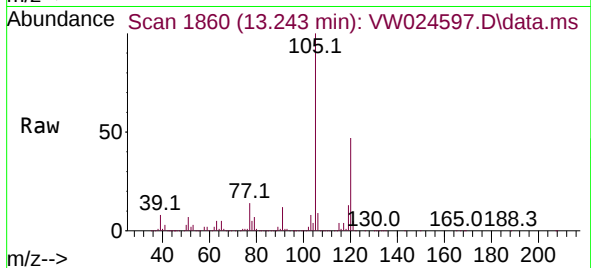
VSTD025567

Tgt Ion:105 Resp: 531897

Ion Ratio Lower Upper

105 100

120 45.6 36.7 55.1



#64

1,3-Dichlorobenzene

Concen: 27.917 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VW024597.D

Acq: 09 Sep 2022 14:36

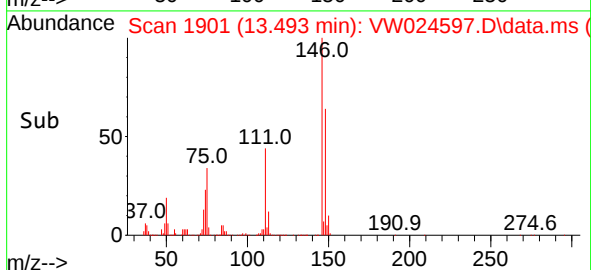
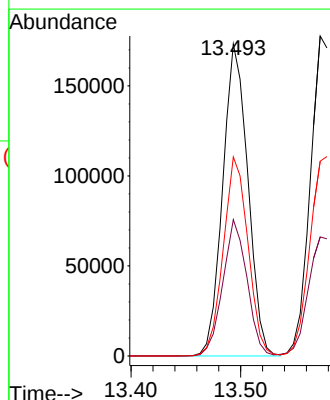
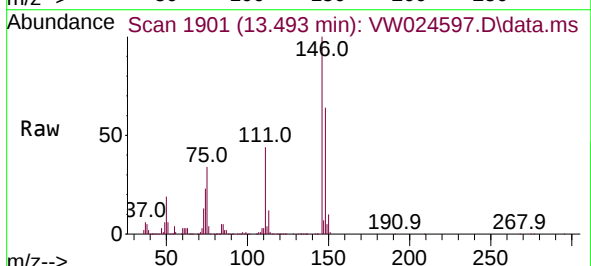
Tgt Ion:146 Resp: 276325

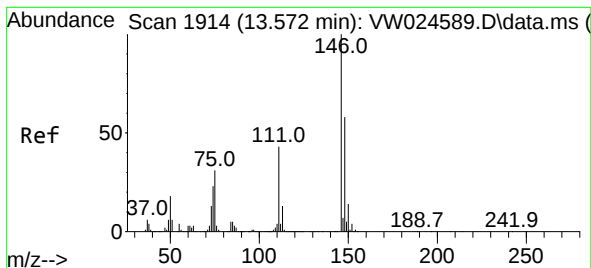
Ion Ratio Lower Upper

146 100

111 43.7 28.3 52.5

148 63.8 42.2 78.4





#65

1,4-Dichlorobenzene

Concen: 27.313 ug/L

RT: 13.573 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW024597.D

Acq: 09 Sep 2022 14:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

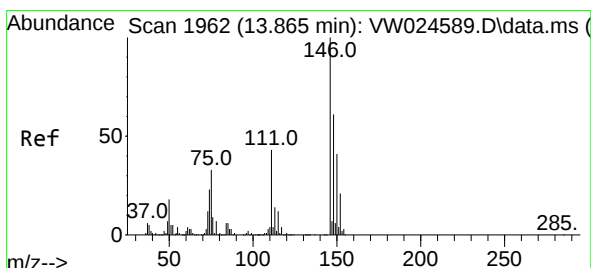
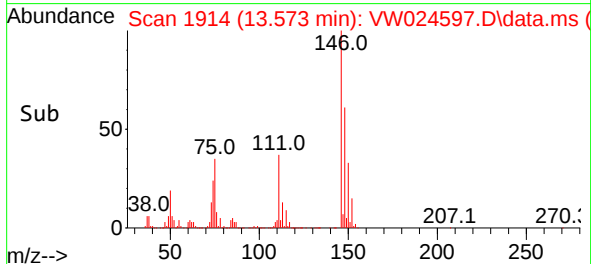
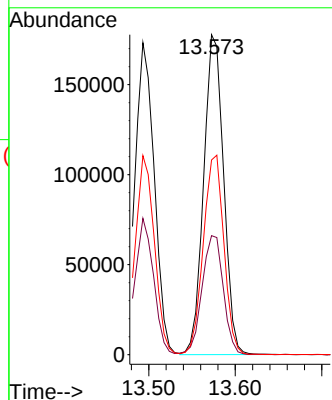
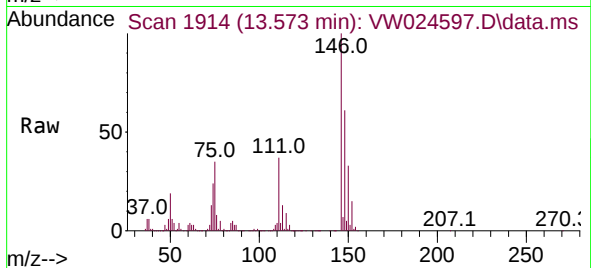
Tgt Ion:146 Resp: 284958

Ion Ratio Lower Upper

146 100

111 37.2 29.3 54.3

148 60.9 45.9 85.3



#67

1,2-Dichlorobenzene

Concen: 28.957 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024597.D

Acq: 09 Sep 2022 14:36

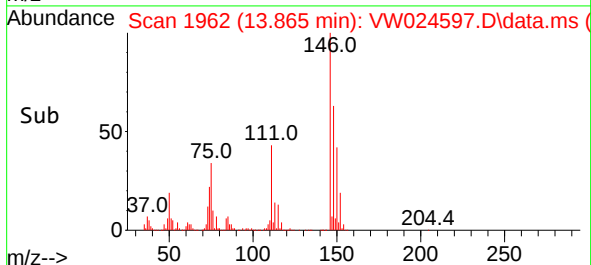
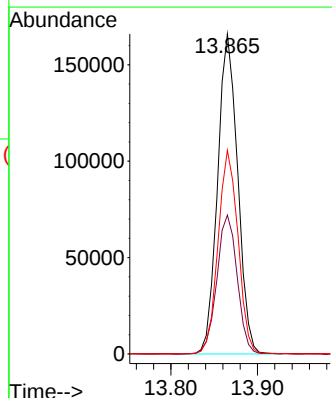
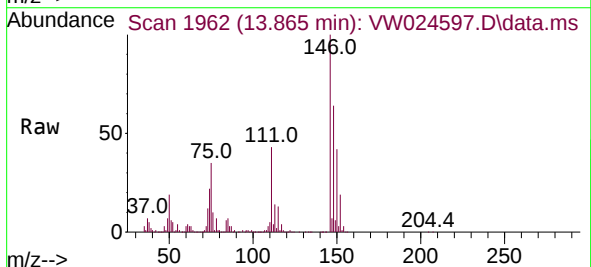
Tgt Ion:146 Resp: 267279

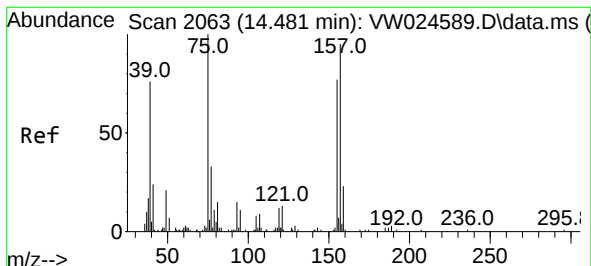
Ion Ratio Lower Upper

146 100

111 43.4 32.2 48.4

148 63.7 48.3 72.5

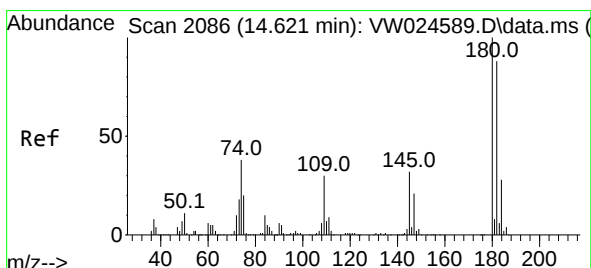
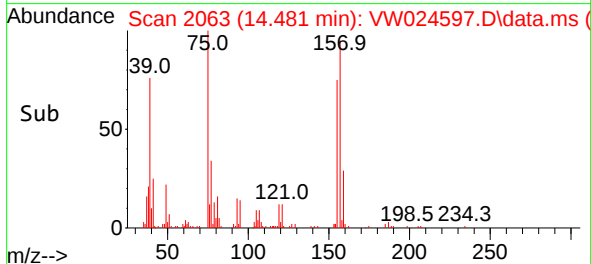
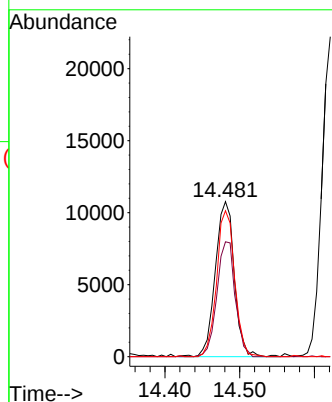
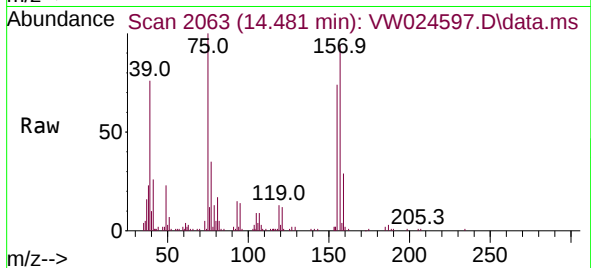




#68
 1,2-Dibromo-3-chloropropane
 Concen: 23.918 ug/L
 RT: 14.481 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: VW024597.D
 Acq: 09 Sep 2022 14:36

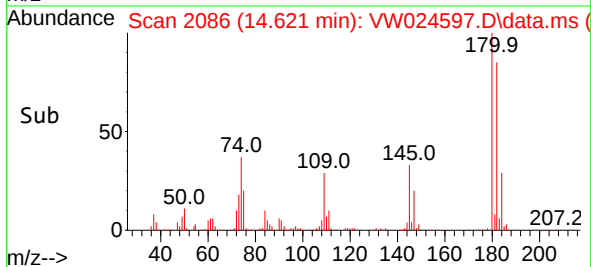
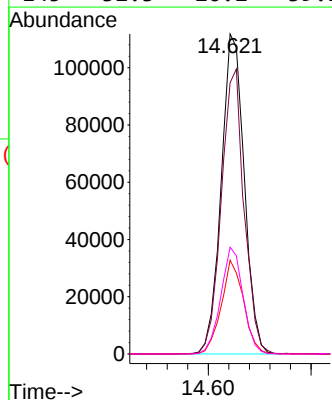
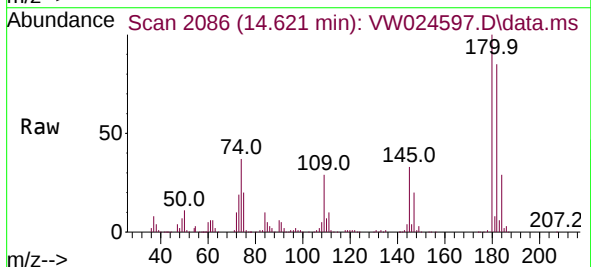
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025567

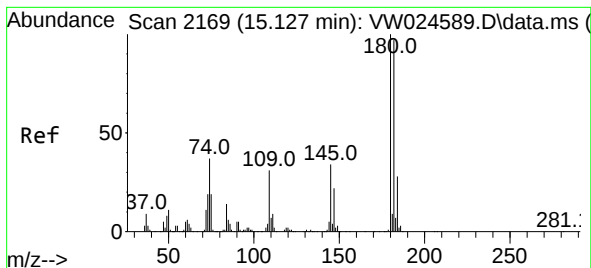
Tgt Ion: 75 Resp: 18996
 Ion Ratio Lower Upper
 75 100
 155 74.0 66.3 99.5
 157 94.1 77.6 116.4



#69
 1,3,5-Trichlorobenzene
 Concen: 27.002 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. 0.000 min
 Lab File: VW024597.D
 Acq: 09 Sep 2022 14:36

Tgt Ion:180 Resp: 173592
 Ion Ratio Lower Upper
 180 100
 182 87.4 72.4 108.6
 184 28.4 22.8 34.2
 145 32.3 26.2 39.2





#70

1,2,4-trichlorobenzene

Concen: 25.906 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024597.D

Acq: 09 Sep 2022 14:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

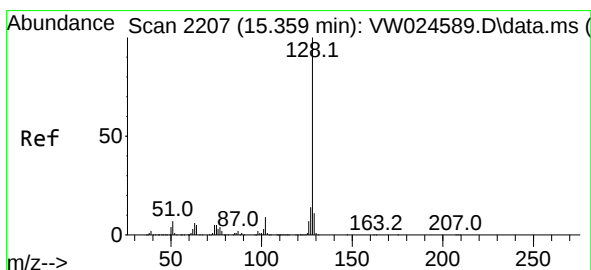
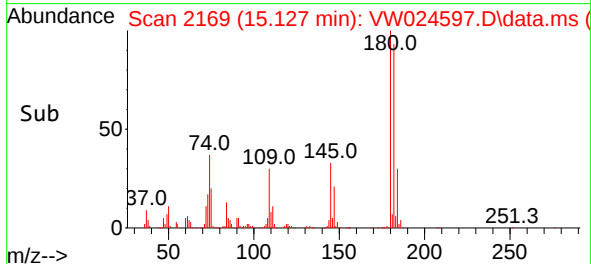
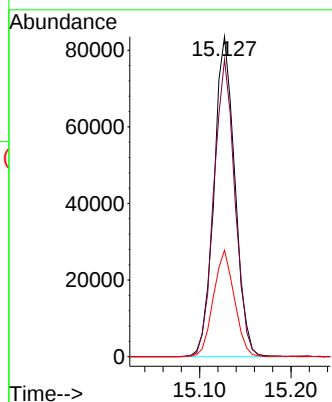
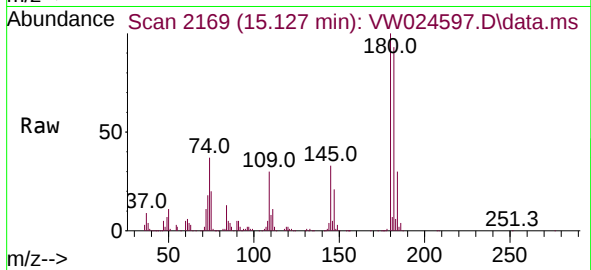
Tgt Ion:180 Resp: 132158

Ion Ratio Lower Upper

180 100

182 94.0 73.8 110.6

145 33.5 26.6 39.8



#71

Naphthalene

Concen: 27.560 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW024597.D

Acq: 09 Sep 2022 14:36

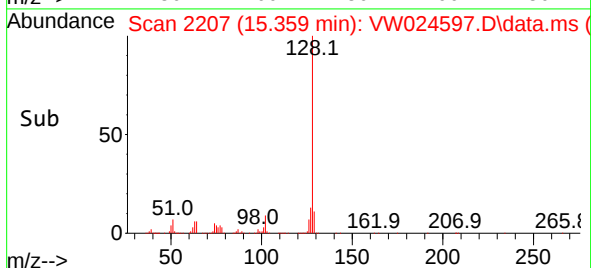
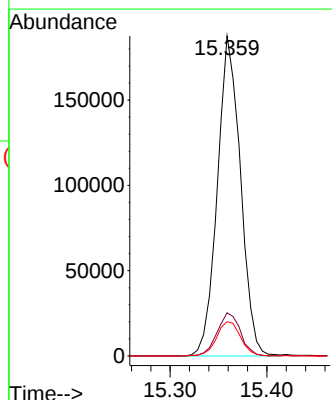
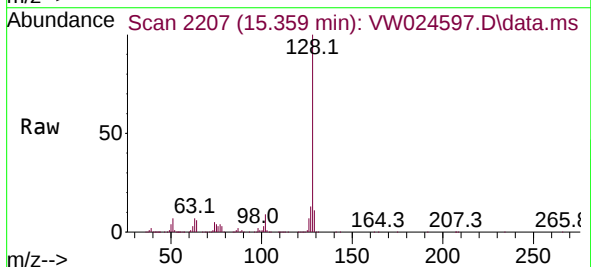
Tgt Ion:128 Resp: 311058

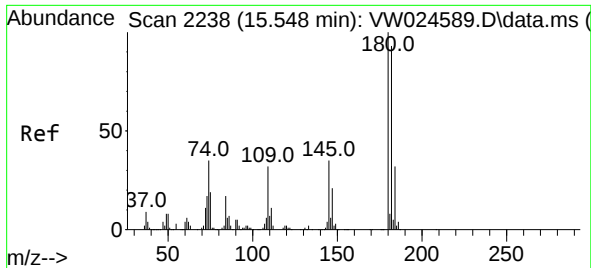
Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 11.1 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 25.624 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW024597.D
 Acq: 09 Sep 2022 14:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025567

Tgt Ion:	180	Resp:	121610
Ion	Ratio	Lower	Upper
180	100		
182	100.0	78.7	118.1
145	37.1	28.1	42.1

