

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090222\
 Data File : VW024551.D
 Acq On : 02 Sep 2022 22:26
 Operator : SY/VA
 Sample : VSTDCCC025E
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025561

Quant Time: Sep 03 00:08:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 02 23:58:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	317062	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	330704	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	177134	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	169267	26.748	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.000%
7) Chloroethane-d5	2.873	69	124145	26.349	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.400%
11) 1,1-Dichloroethene-d2	4.007	63	158081	21.215	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.880%
21) 2-Butanone-d5	7.080	46	49217	49.320	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.640%
24) Chloroform-d	7.647	84	197837	23.433	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.720%
26) 1,2-Dichloroethane-d4	8.305	65	113749	24.948	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	8.269	84	396159	22.964	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.840%
36) 1,2-Dichloropropane-d6	9.268	67	112749	22.337	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.360%
41) Toluene-d8	10.317	98	392879	23.914	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.640%
43) trans-1,3-Dichloroprop...	10.579	79	47590	21.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.440%
47) 2-Hexanone-d5	10.920	63	42581	49.248	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.500%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	111797	24.362	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	138306	23.868	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	25461	28.143	ug/L	97
3) Chloromethane	2.215	50	114848	26.014	ug/L	100
5) Vinyl chloride	2.349	62	189646	24.201	ug/L	99
6) Bromomethane	2.763	94	122447	23.037	ug/L	98
8) Chloroethane	2.910	64	101921	24.594	ug/L	100
9) Trichlorofluoromethane	3.245	101	82074	27.739	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	90466	20.406	ug/L	100
12) 1,1-Dichloroethene	4.031	96	77788	19.865	ug/L	91
13) Acetone	4.117	43	35382	45.559	ug/L	98
14) Carbon disulfide	4.373	76	216231	20.088	ug/L	99
15) Methyl Acetate	4.665	43	46291	24.510	ug/L	96
16) Methylene chloride	4.909	84	97968	21.827	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	95703	22.038	ug/L	99
18) Methyl tert-butyl Ether	5.421	73	181966	24.173	ug/L	99
19) 1,1-Dichloroethane	6.214	63	180612	22.966	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	111783	23.701	ug/L	90
22) 2-Butanone	7.171	43	59059	46.511	ug/L	97
23) Bromochloromethane	7.513	128	52159	23.782	ug/L	88
25) Chloroform	7.671	83	206200	23.881	ug/L	97

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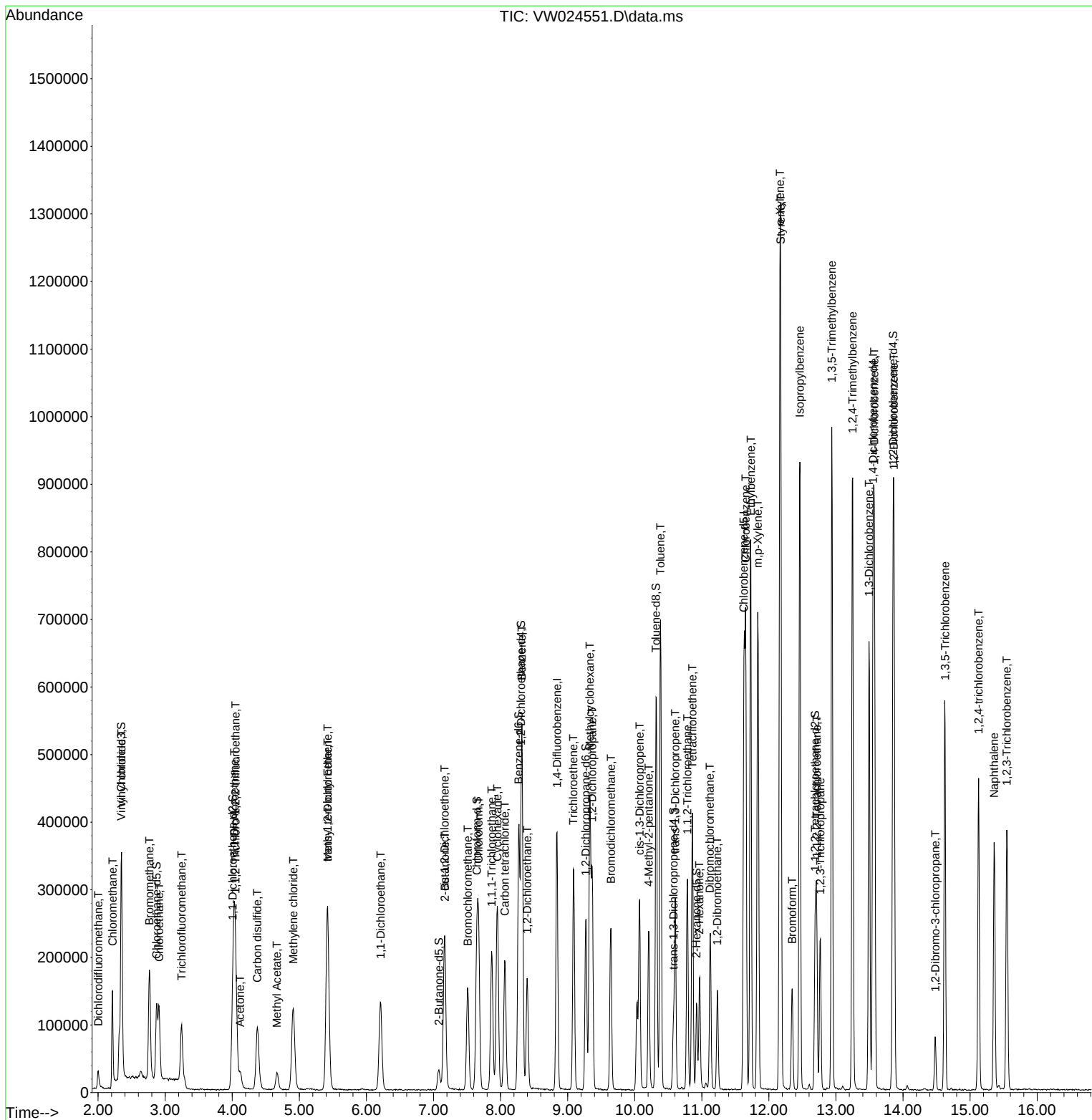
Instrument :
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 ClientSampleId :
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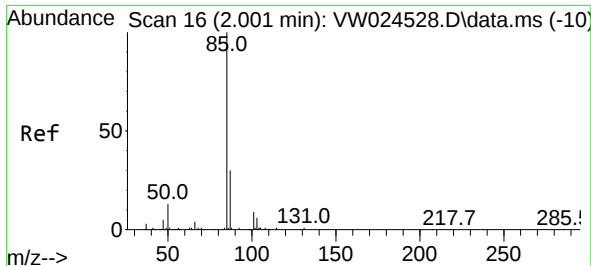
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 Quant Title : SFAM01.0
 QLast Update : Fri Sep 02 23:58:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	143302	25.267	ug/L	99
29) Cyclohexane	7.952	56	142006	20.681	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	156689	20.947	ug/L	99
31) Carbon tetrachloride	8.061	117	137179	20.225	ug/L	99
33) Benzene	8.317	78	452257	22.998	ug/L	100
34) Trichloroethene	9.085	95	111021	21.269	ug/L	96
35) Methylcyclohexane	9.329	83	177773	21.521	ug/L	98
37) 1,2-Dichloropropane	9.366	63	112718	23.786	ug/L	100
38) Bromodichloromethane	9.646	83	158326	23.636	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	159074	22.297	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	148673	50.448	ug/L	99
42) Toluene	10.384	91	514777	24.039	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	148174	23.153	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	96612	24.419	ug/L	97
46) Tetrachloroethene	10.860	164	78966	20.701	ug/L	98
48) 2-Hexanone	10.963	43	104893	53.497	ug/L	99
49) Dibromochloromethane	11.122	129	115643	24.875	ug/L	98
50) 1,2-Dibromoethane	11.231	107	91696	24.472	ug/L	98
51) Chlorobenzene	11.652	112	339890	23.389	ug/L	95
52) Ethylbenzene	11.731	91	574464	23.965	ug/L	97
53) m,p-Xylene	11.835	106	229449	24.476	ug/L	94
54) o-Xylene	12.164	106	226213	25.208	ug/L	98
55) Styrene	12.176	104	399454	25.625	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	123955	25.316	ug/L	99
59) Bromoform	12.347	173	62680	24.373	ug/L	98
60) Isopropylbenzene	12.463	105	592699	23.669	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	89425	25.008	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	502038	24.304	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	495642	24.516	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	265128	23.770	ug/L	99
65) 1,4-Dichlorobenzene	13.572	146	268800	23.523	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	253432	24.610	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	19746	24.397	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.627	180	163490	22.799	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	122384	22.319	ug/L	98
71) Naphthalene	15.359	128	301336	25.994	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	121776	24.625	ug/L	95

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

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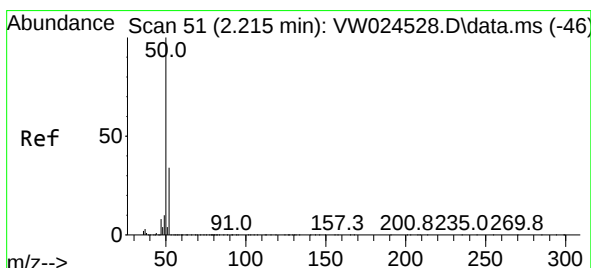
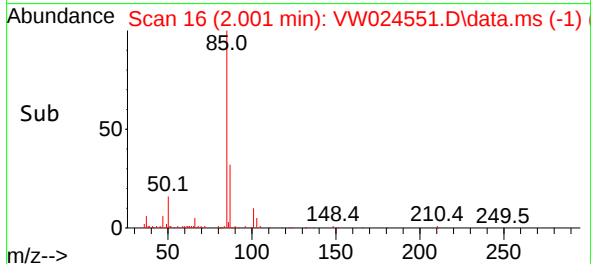
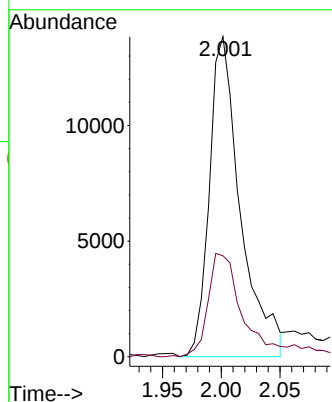
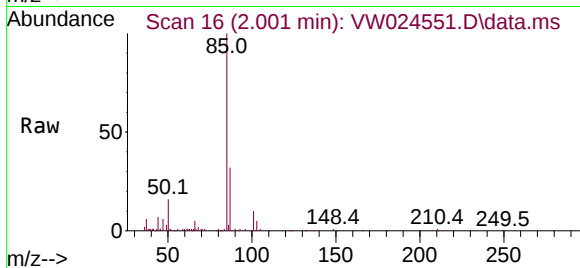




#2
Dichlorodifluoromethane
Concen: 28.143 ug/L
RT: 2.001 min Scan# 1
Delta R.T. 0.000 min
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Acq: 02 Sep 2022 22:26

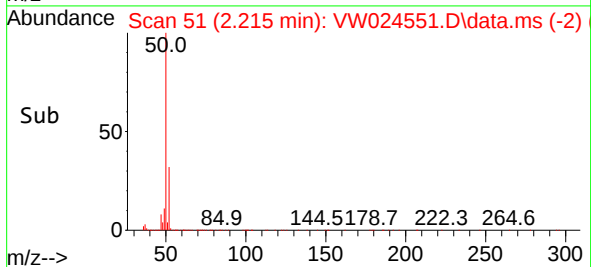
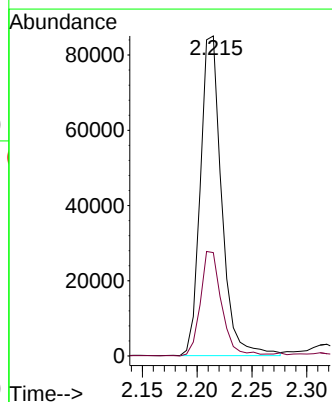
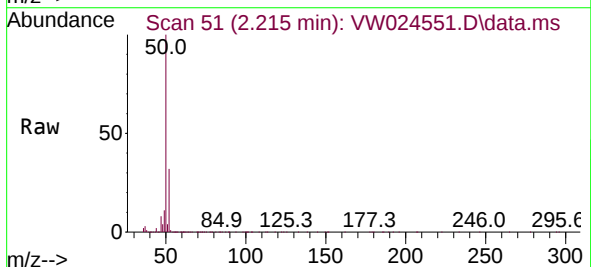
Instrument :
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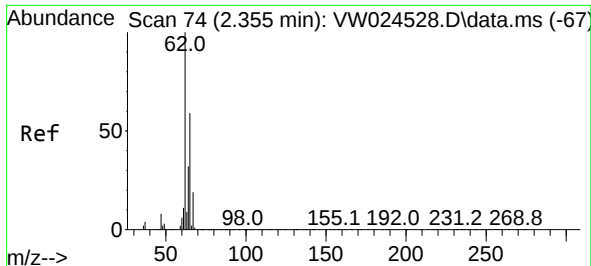
Tgt Ion: 85 Resp: 25461
Ion Ratio Lower Upper
85 100
87 33.1 25.0 37.6



#3
Chloromethane
Concen: 26.014 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

Tgt Ion: 50 Resp: 114848
Ion Ratio Lower Upper
50 100
52 32.3 22.7 42.1

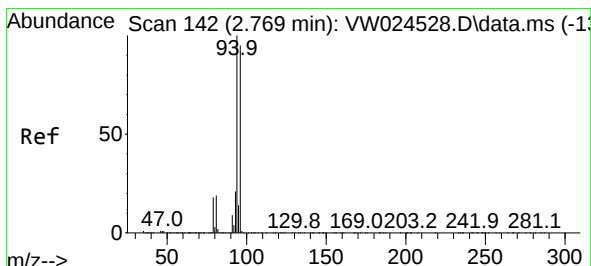
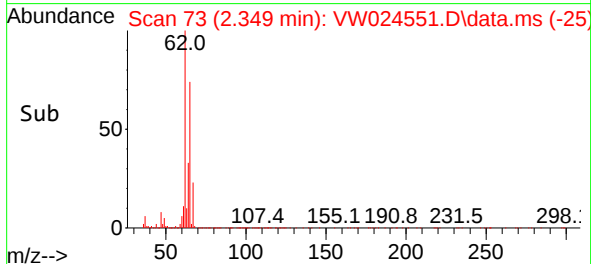
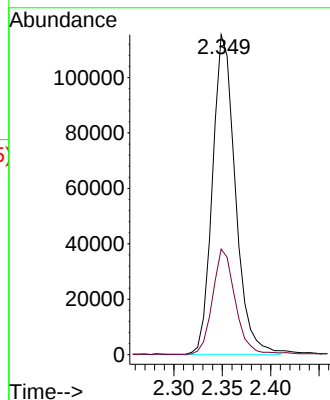
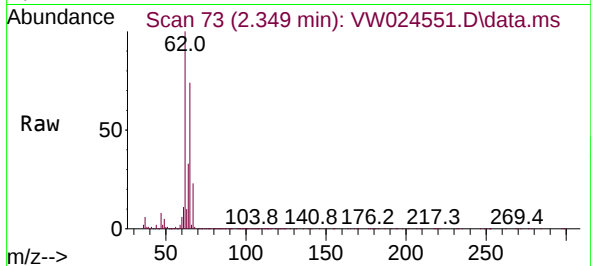




#5
 Vinyl chloride
 Concen: 24.201 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW024551.D
 Acq: 02 Sep 2022 22:26

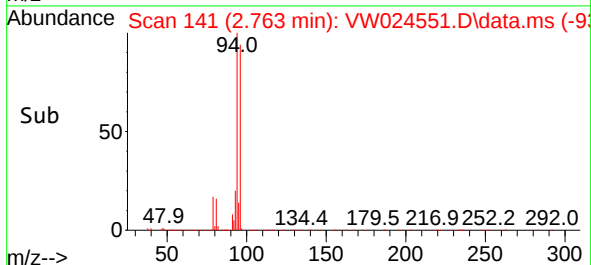
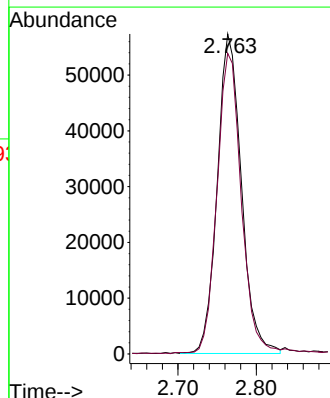
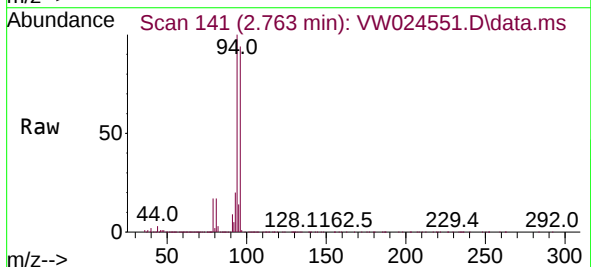
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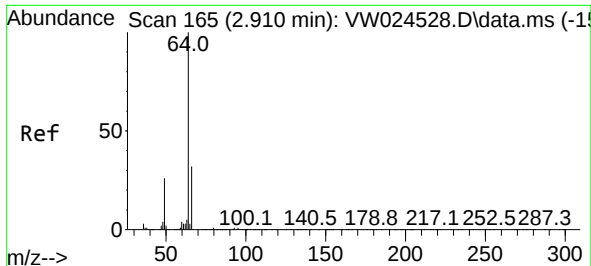
Tgt Ion: 62 Resp: 189646
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.9 42.5



#6
 Bromomethane
 Concen: 23.037 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.006 min
 Lab File: VW024551.D
 Acq: 02 Sep 2022 22:26

Tgt Ion: 94 Resp: 122447
 Ion Ratio Lower Upper
 94 100
 96 94.0 66.8 124.2

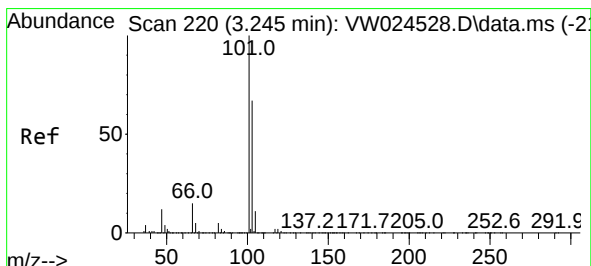
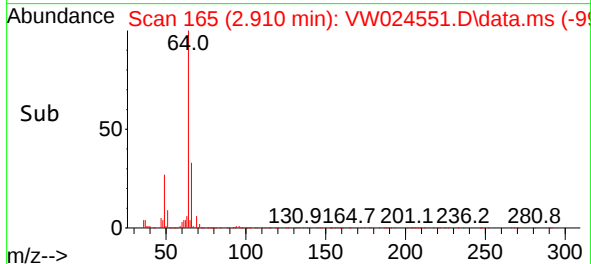
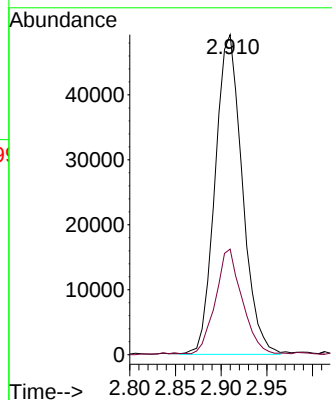
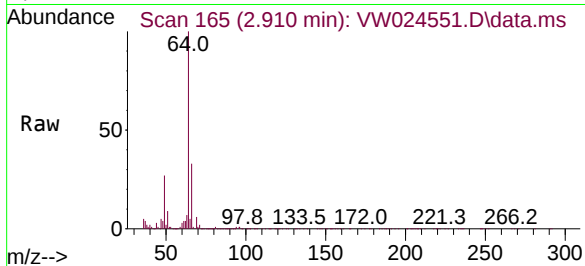




#8
Chloroethane
Concen: 24.594 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

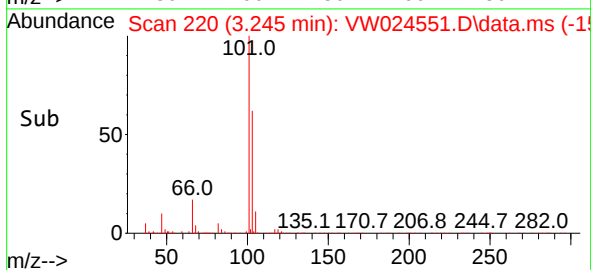
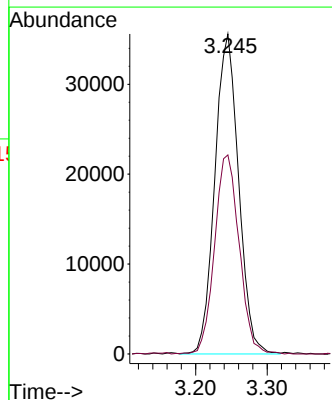
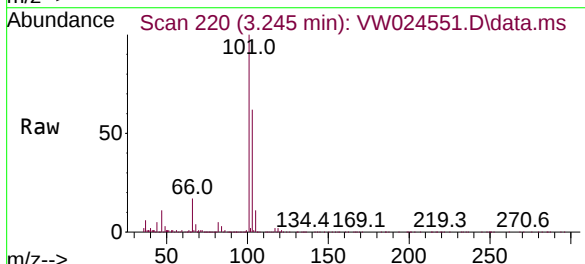
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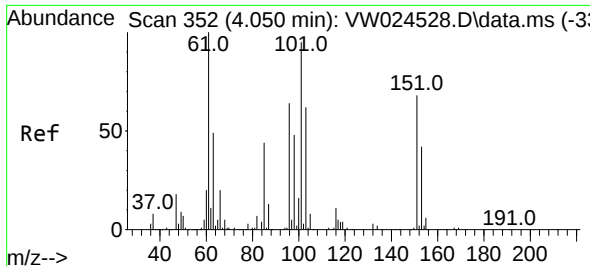
Tgt Ion: 64 Resp: 101921
Ion Ratio Lower Upper
64 100
66 33.0 23.2 43.0



#9
Trichlorofluoromethane
Concen: 27.739 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

Tgt Ion: 101 Resp: 82074
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.6

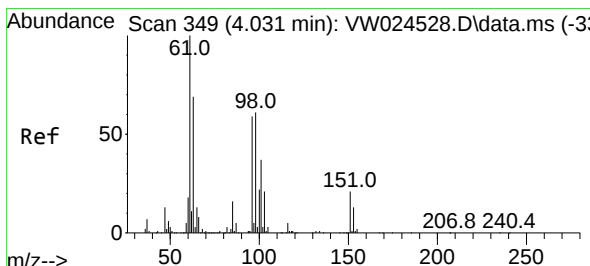
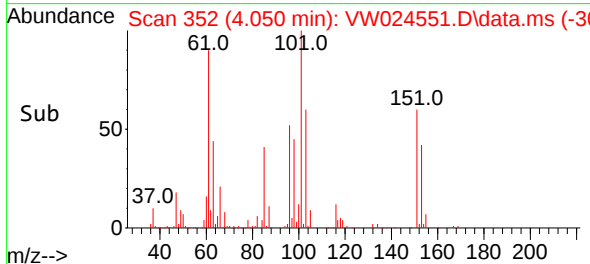
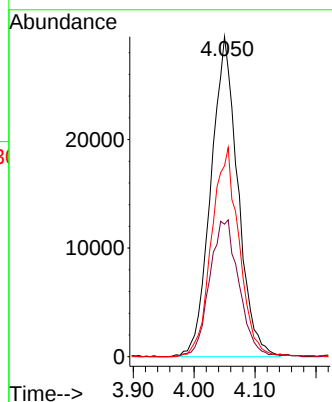
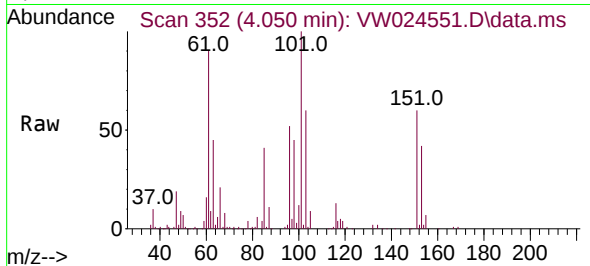




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.406 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW024551.D
 Acq: 02 Sep 2022 22:26

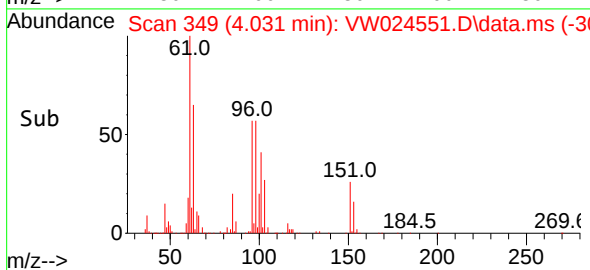
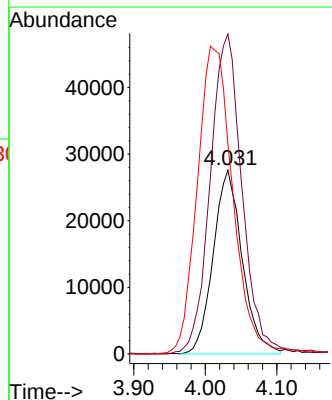
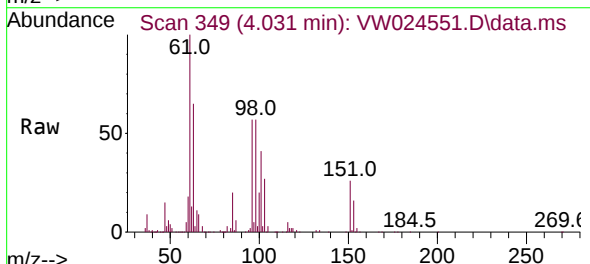
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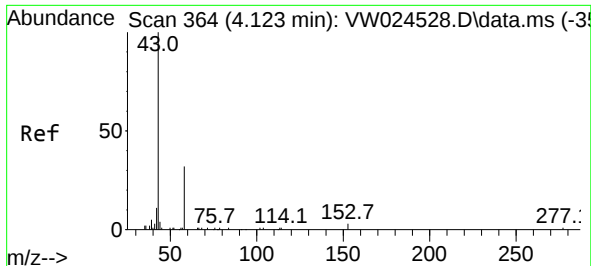
Tgt Ion:101 Resp: 90466
 Ion Ratio Lower Upper
 101 100
 85 46.3 37.1 55.7
 151 66.5 52.9 79.3



#12
 1,1-Dichloroethene
 Concen: 19.865 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. 0.000 min
 Lab File: VW024551.D
 Acq: 02 Sep 2022 22:26

Tgt Ion: 96 Resp: 77788
 Ion Ratio Lower Upper
 96 100
 61 174.3 129.1 239.8
 63 114.1 90.2 167.4

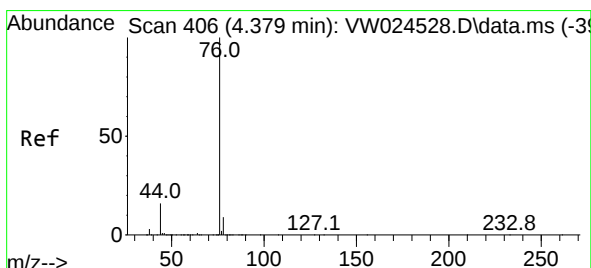
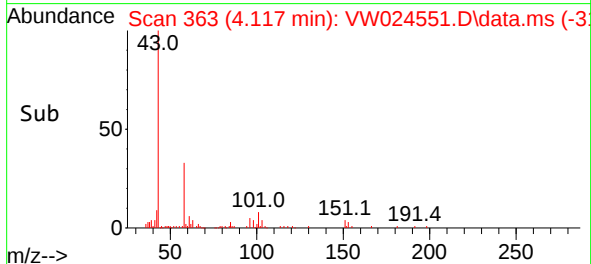
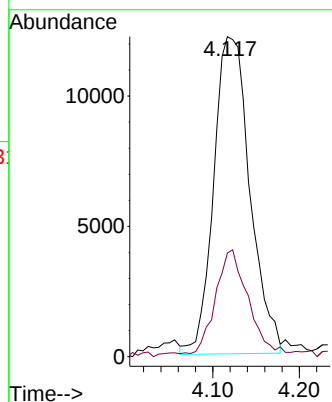
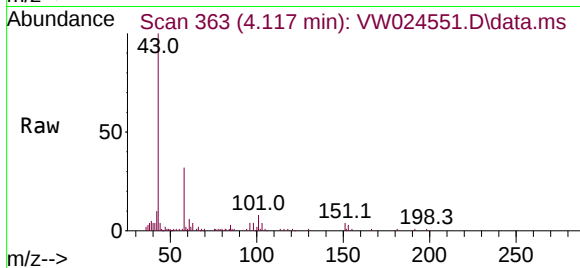




#13
Acetone
Concen: 45.559 ug/L
RT: 4.117 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

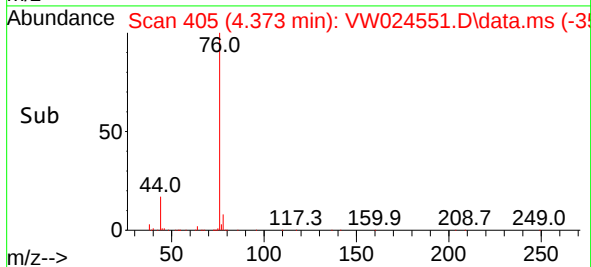
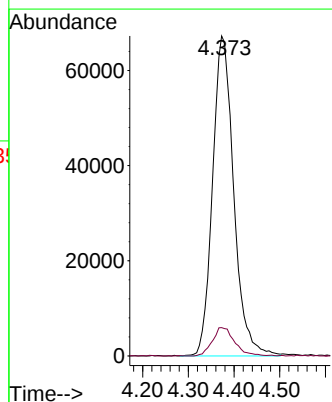
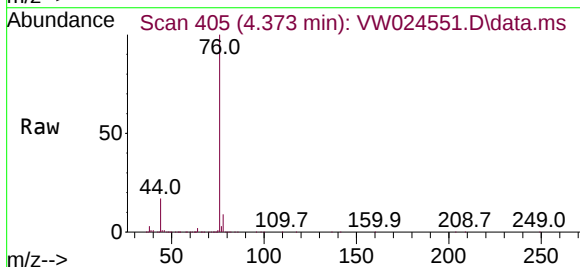
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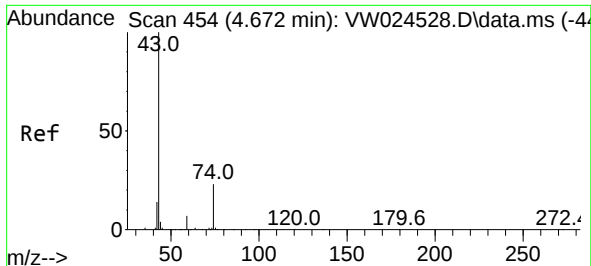
Tgt Ion: 43 Resp: 35382
Ion Ratio Lower Upper
43 100
58 30.9 0.0 59.8



#14
Carbon disulfide
Concen: 20.088 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.006 min
Lab File: VW024551.D
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Tgt Ion: 76 Resp: 216231
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3

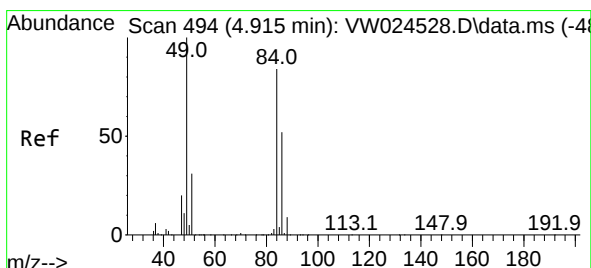
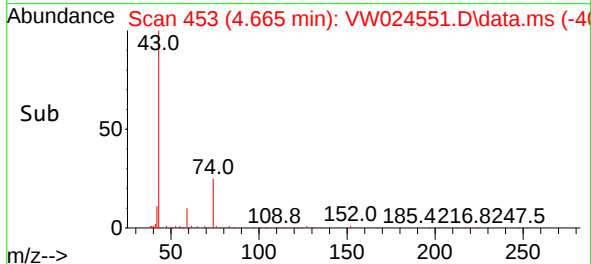
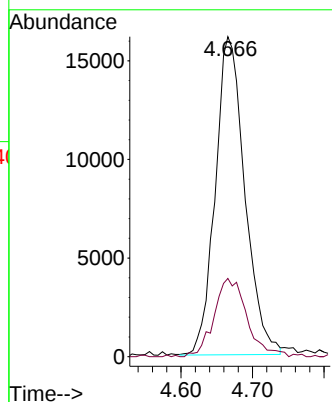
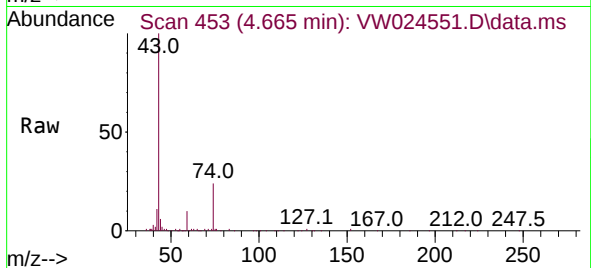




#15
Methyl Acetate
Concen: 24.510 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

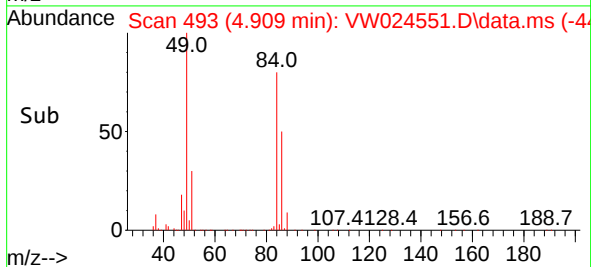
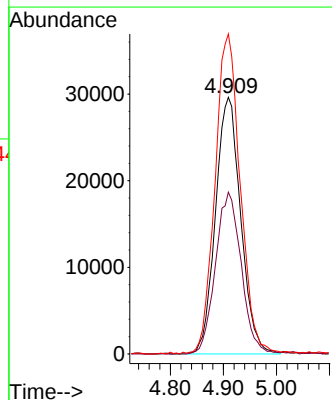
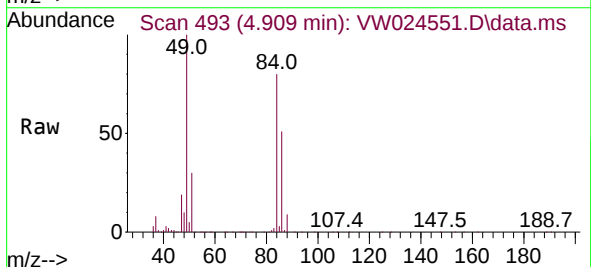
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

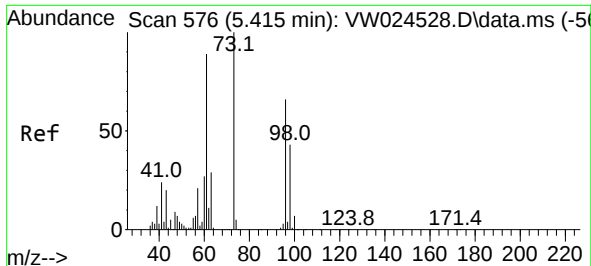
Tgt Ion: 43 Resp: 46291
Ion Ratio Lower Upper
43 100
74 26.3 19.5 29.3



#16
Methylene chloride
Concen: 21.827 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

Tgt Ion: 84 Resp: 97968
Ion Ratio Lower Upper
84 100
86 63.1 42.1 78.1
49 124.7 85.5 158.9

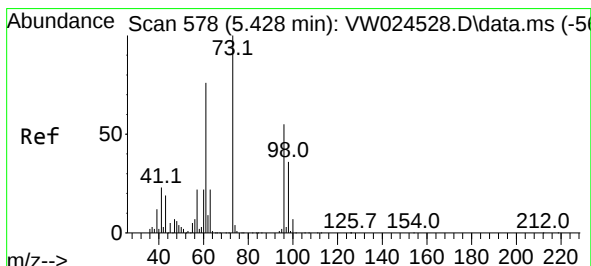
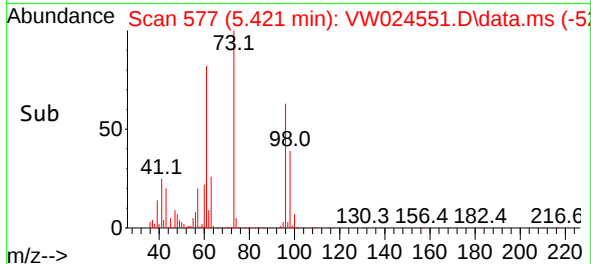
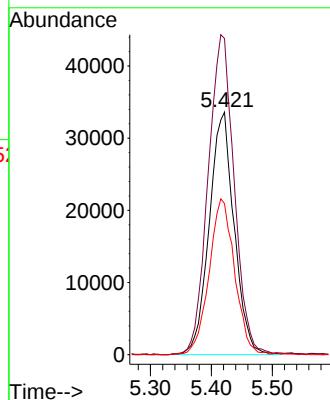
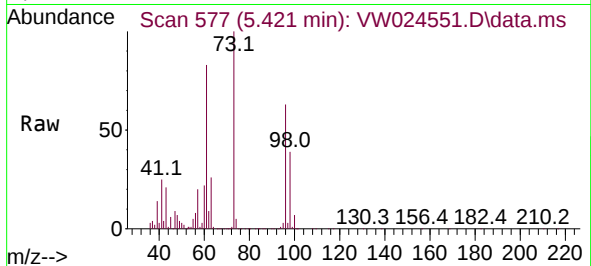




#17
trans-1,2-Dichloroethene
Concen: 22.038 ug/L
RT: 5.421 min Scan# 576
Delta R.T. 0.006 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

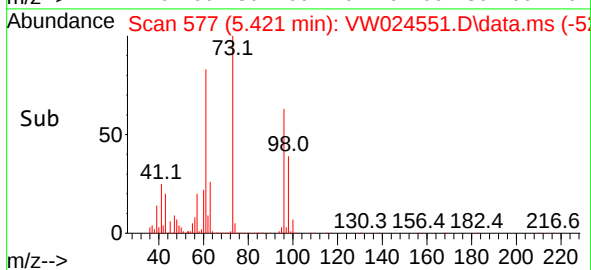
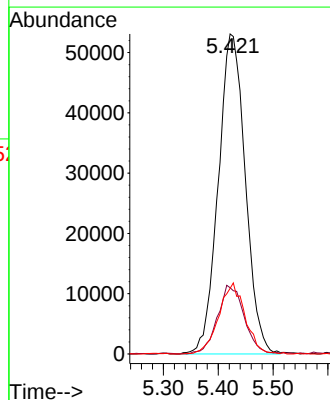
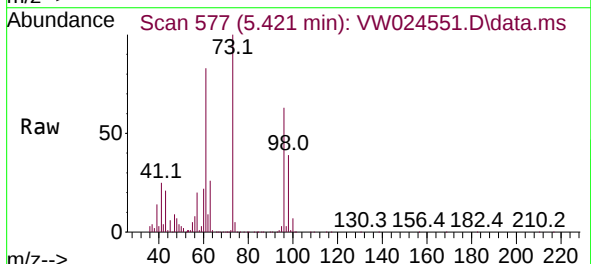
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

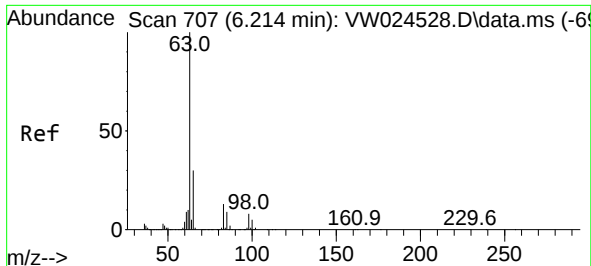
Tgt Ion: 96 Resp: 95703
Ion Ratio Lower Upper
96 100
61 130.3 90.0 167.2
98 62.3 43.3 80.3



#18
Methyl tert-butyl Ether
Concen: 24.173 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

Tgt Ion: 73 Resp: 181966
Ion Ratio Lower Upper
73 100
43 21.2 16.3 24.5
57 21.1 17.3 25.9





#19

1,1-Dichloroethane

Concen: 22.966 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW024551.D

Acq: 02 Sep 2022 22:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025561

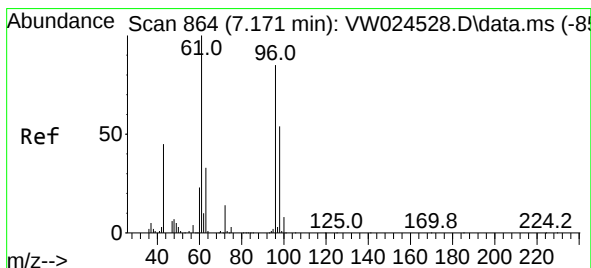
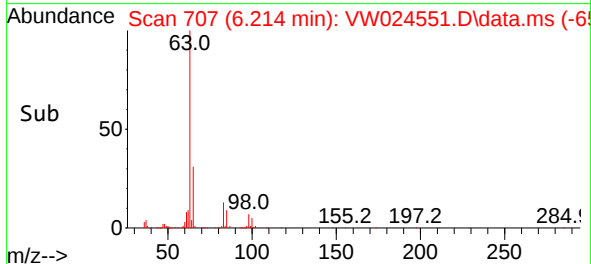
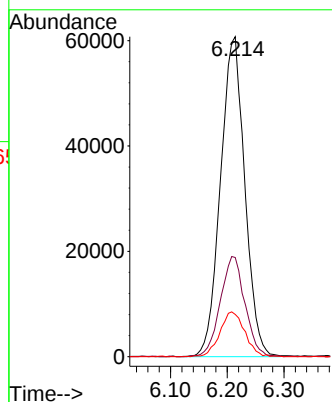
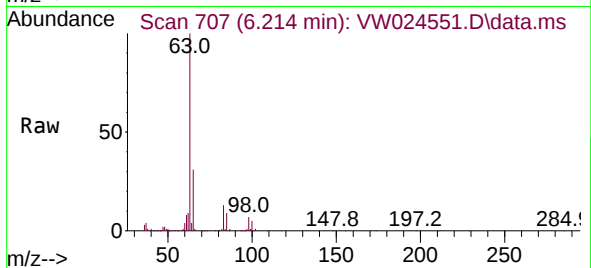
Tgt Ion: 63 Resp: 180612

Ion Ratio Lower Upper

63 100

65 31.0 21.5 39.9

83 13.2 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 23.701 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW024551.D

Acq: 02 Sep 2022 22:26

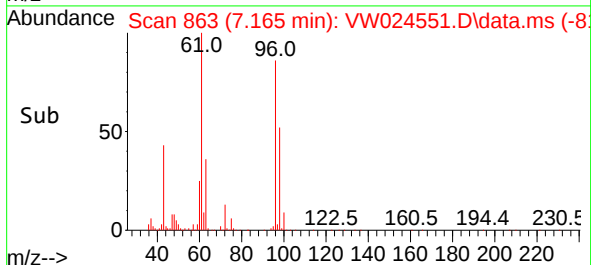
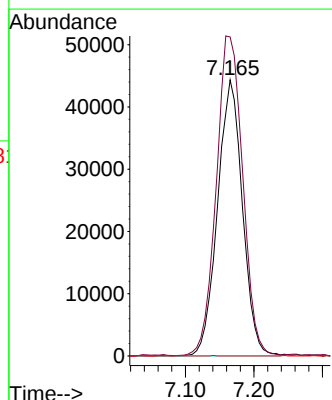
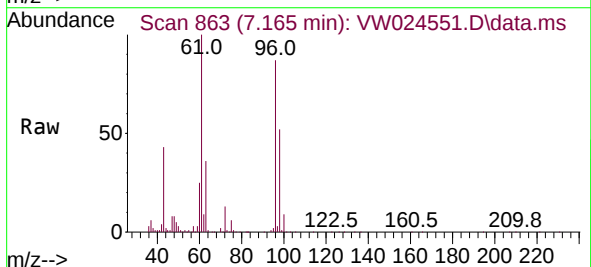
Tgt Ion: 96 Resp: 111783

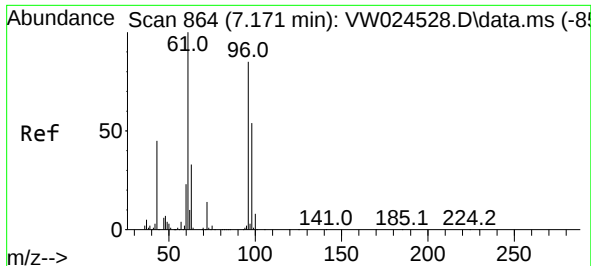
Ion Ratio Lower Upper

96 100

61 115.5 88.9 165.1

68 0.0 0.0 0.0

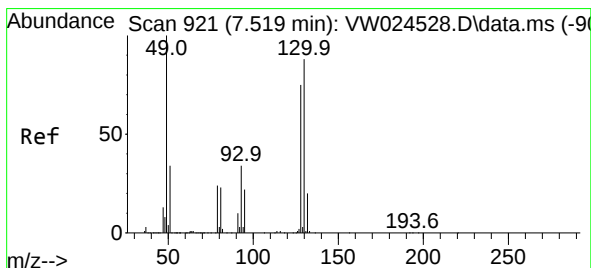
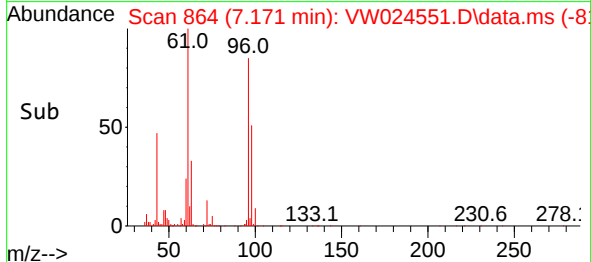
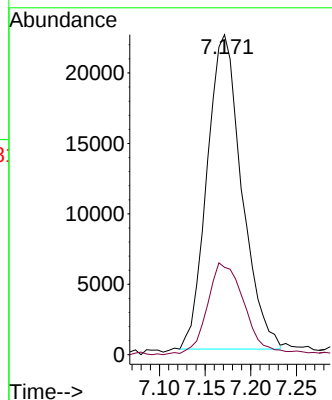
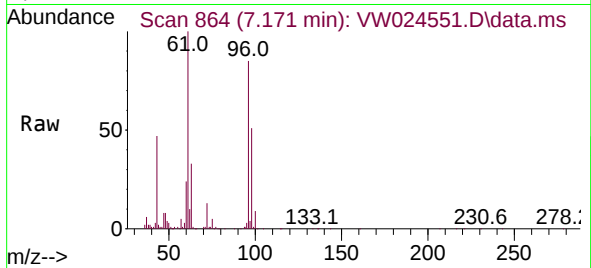




#22
2-Butanone
Concen: 46.511 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

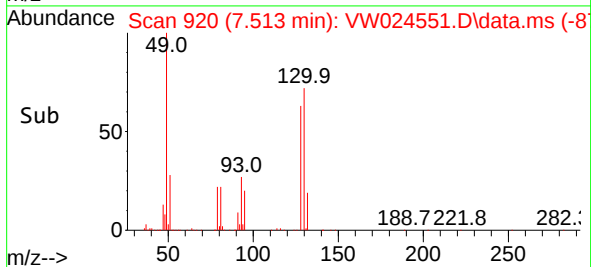
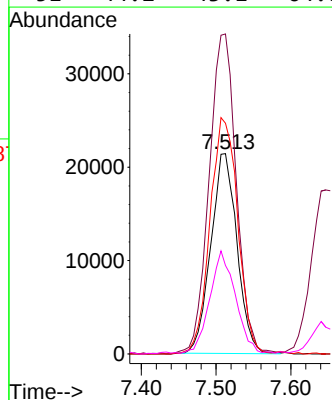
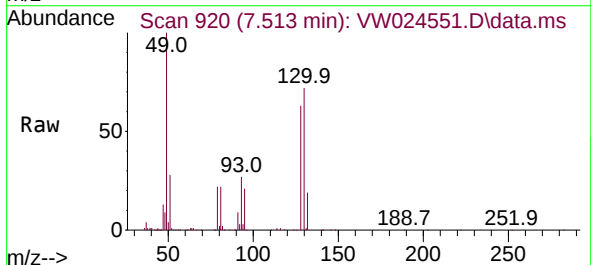
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

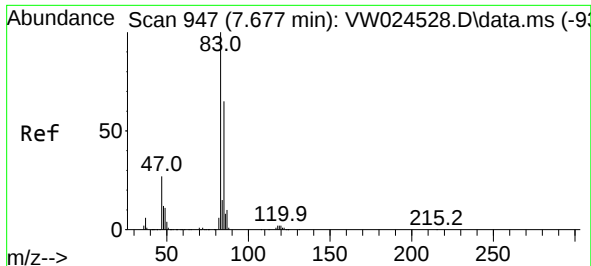
Tgt Ion: 43 Resp: 59059
Ion Ratio Lower Upper
43 100
72 30.8 14.5 43.6



#23
Bromochloromethane
Concen: 23.782 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

Tgt Ion: 128 Resp: 52159
Ion Ratio Lower Upper
128 100
49 159.8 118.2 219.6
130 115.2 94.8 176.2
51 44.2 43.1 64.7

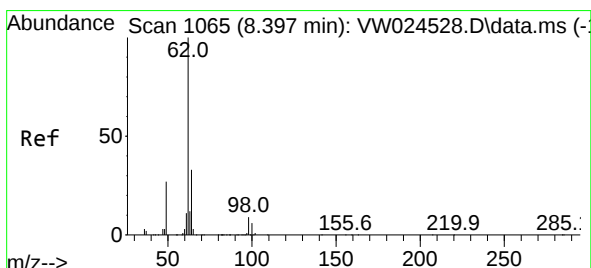
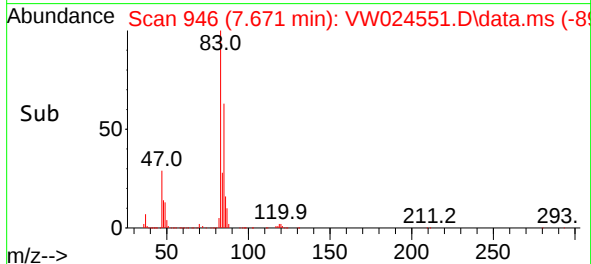
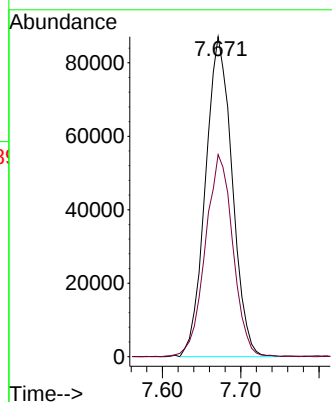
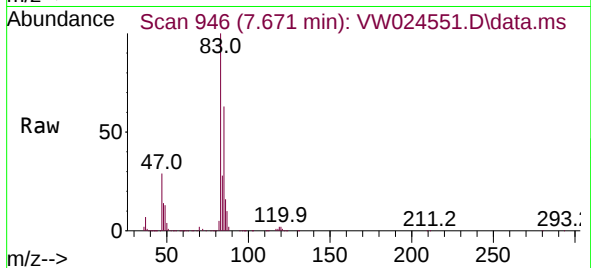




#25
Chloroform
Concen: 23.881 ug/L
RT: 7.671 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

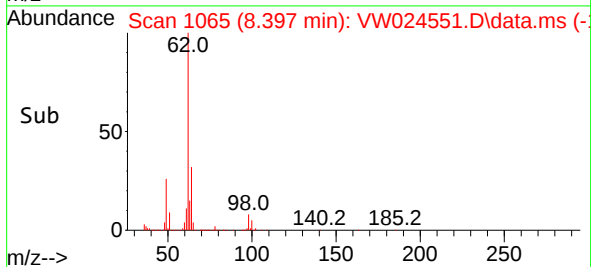
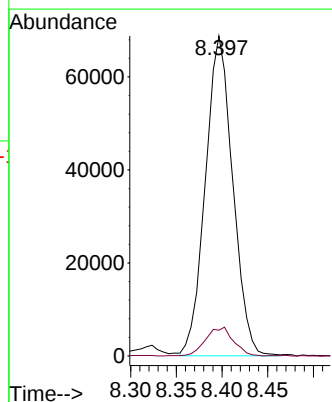
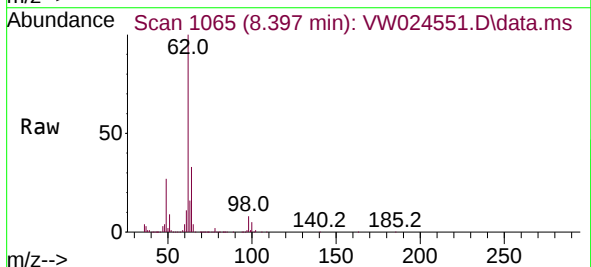
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

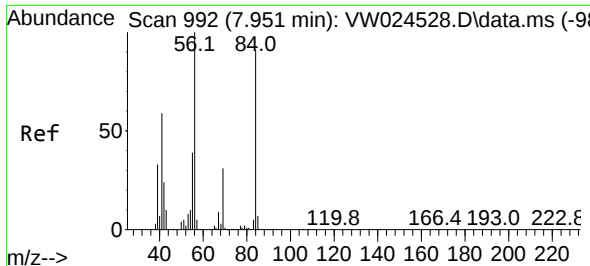
Tgt Ion: 83 Resp: 206200
Ion Ratio Lower Upper
83 100
85 63.1 45.6 84.8



#27
1,2-Dichloroethane
Concen: 25.267 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

Tgt Ion: 62 Resp: 143302
Ion Ratio Lower Upper
62 100
98 8.1 6.7 10.1

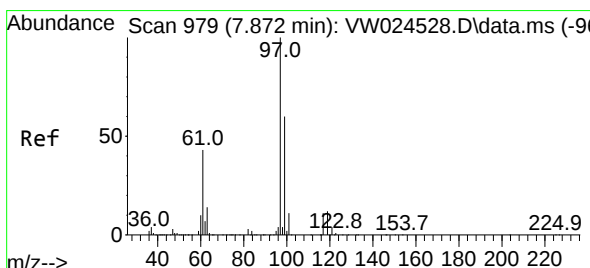
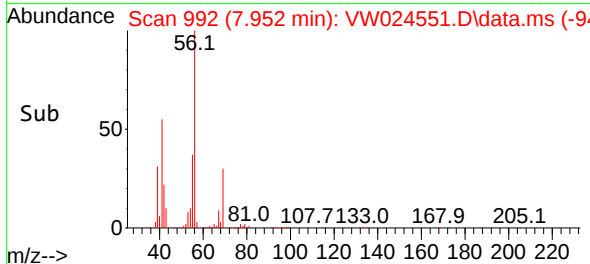
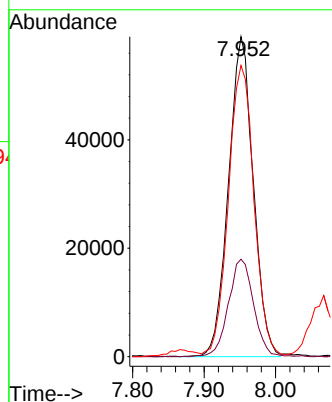
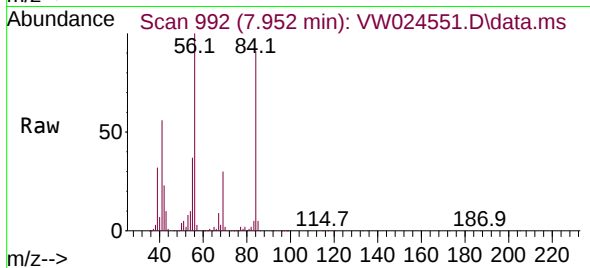




#29
Cyclohexane
Concen: 20.681 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

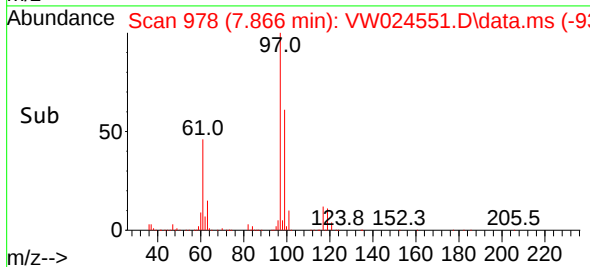
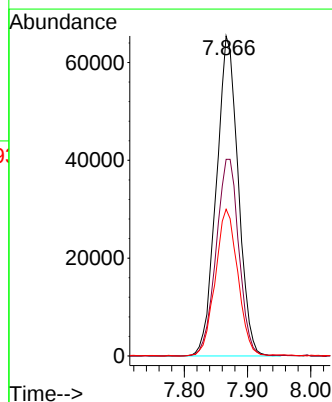
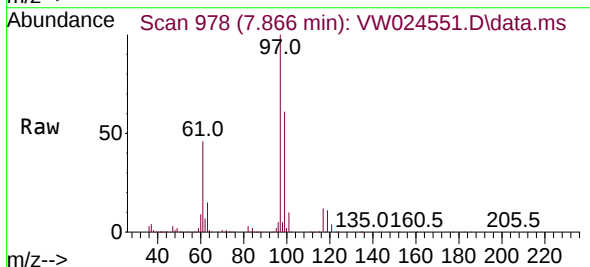
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

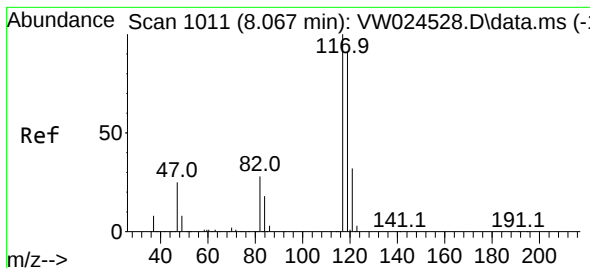
Tgt Ion: 56 Resp: 142006
Ion Ratio Lower Upper
56 100
69 30.9 24.8 37.2
84 93.5 77.3 115.9



#30
1,1,1-Trichloroethane
Concen: 20.947 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

Tgt Ion: 97 Resp: 156689
Ion Ratio Lower Upper
97 100
99 64.0 52.5 78.7
61 47.4 37.9 56.9





#31

Carbon tetrachloride

Concen: 20.225 ug/L

RT: 8.061 min Scan# 1011

Delta R.T. -0.006 min

Lab File: VW024551.D

Acq: 02 Sep 2022 22:26

Instrument :

MSVOA_W

ClientSampleId :

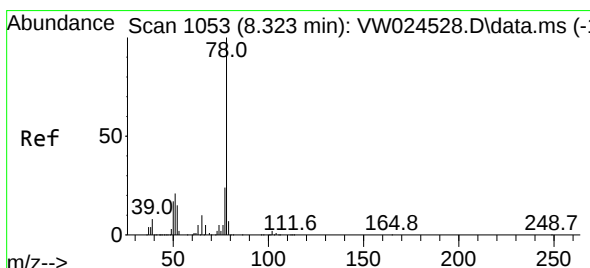
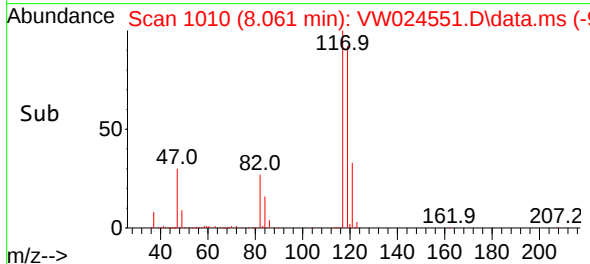
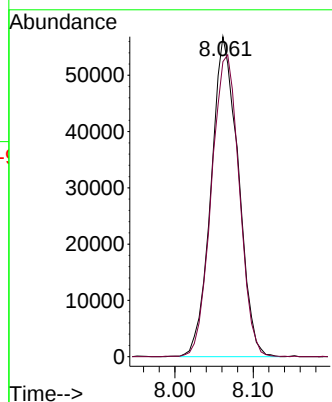
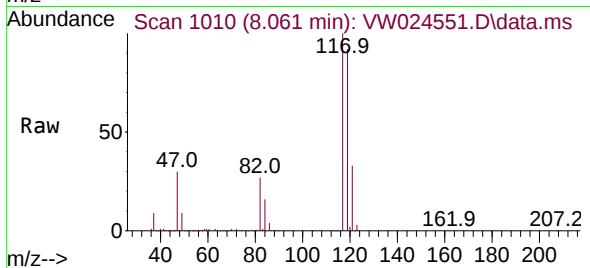
VSTD025561

Tgt Ion:117 Resp: 137179

Ion Ratio Lower Upper

117 100

119 96.3 78.1 117.1



#33

Benzene

Concen: 22.998 ug/L

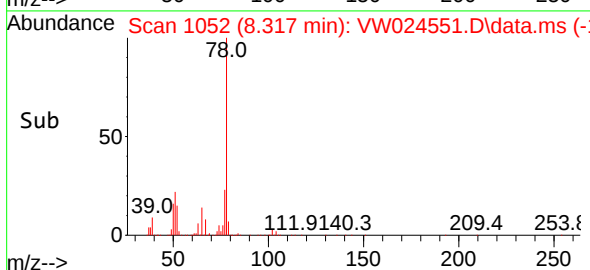
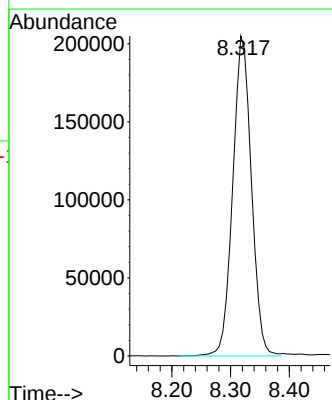
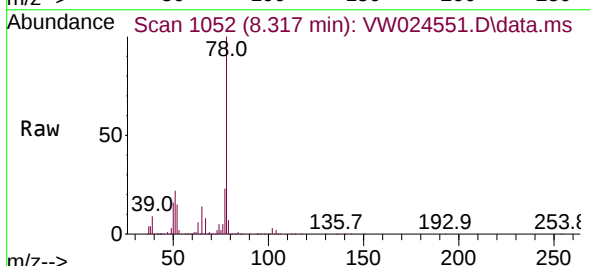
RT: 8.317 min Scan# 1052

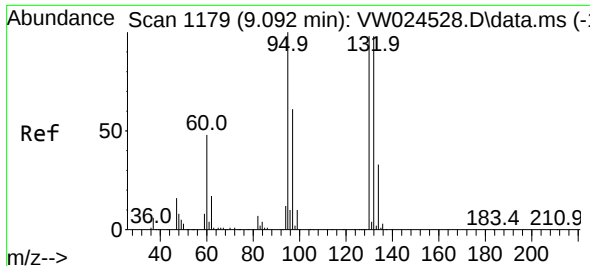
Delta R.T. -0.006 min

Lab File: VW024551.D

Acq: 02 Sep 2022 22:26

Tgt Ion: 78 Resp: 452257





#34

Trichloroethene

Concen: 21.269 ug/L

RT: 9.085 min Scan# 1178

Delta R.T. -0.006 min

Lab File: VW024551.D

Acq: 02 Sep 2022 22:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025561

Tgt Ion: 95 Resp: 111021

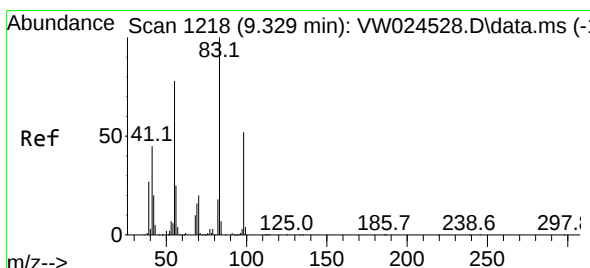
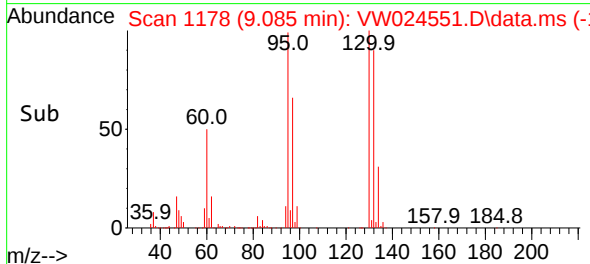
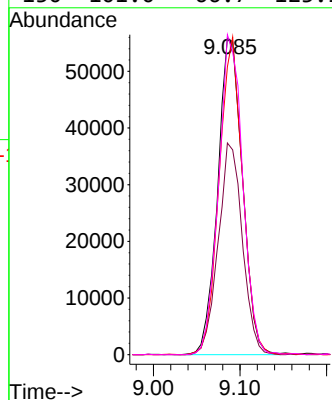
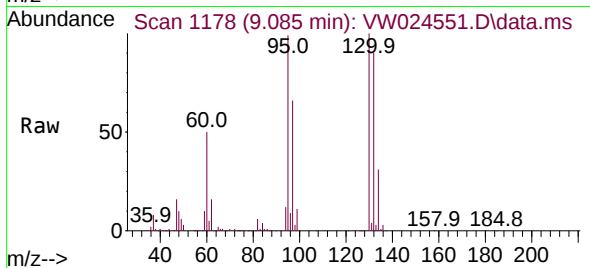
Ion Ratio Lower Upper

95 100

97 66.8 44.2 82.2

132 90.8 64.5 119.7

130 101.0 66.7 123.9



#35

Methylcyclohexane

Concen: 21.521 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VW024551.D

Acq: 02 Sep 2022 22:26

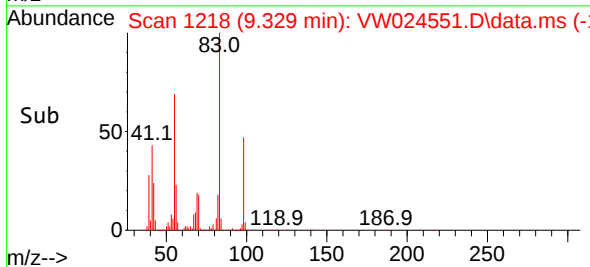
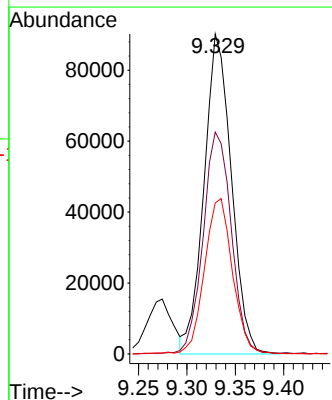
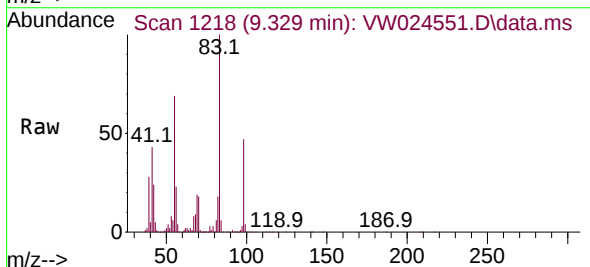
Tgt Ion: 83 Resp: 177773

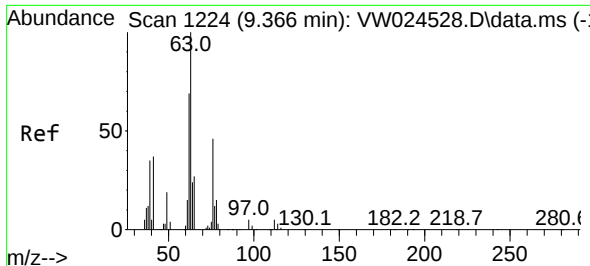
Ion Ratio Lower Upper

83 100

55 71.3 58.9 88.3

98 49.6 40.4 60.6





#37

1,2-Dichloropropane

Concen: 23.786 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024551.D

Acq: 02 Sep 2022 22:26

Instrument :

MSVOA_W

ClientSampleId :

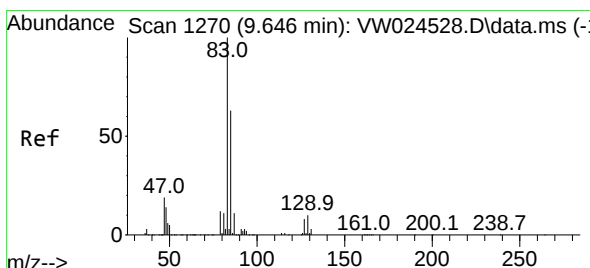
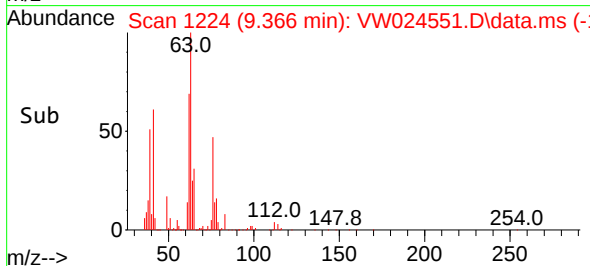
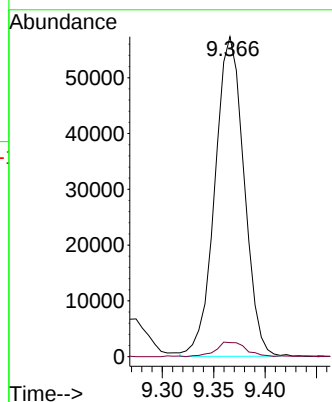
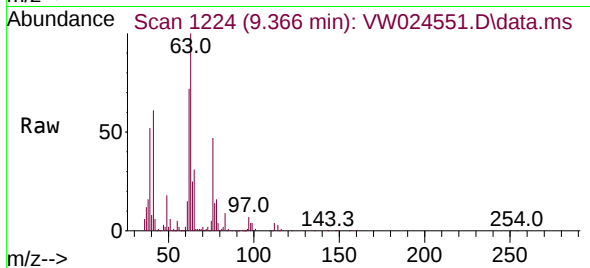
VSTD025561

Tgt Ion: 63 Resp: 112718

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 23.636 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024551.D

Acq: 02 Sep 2022 22:26

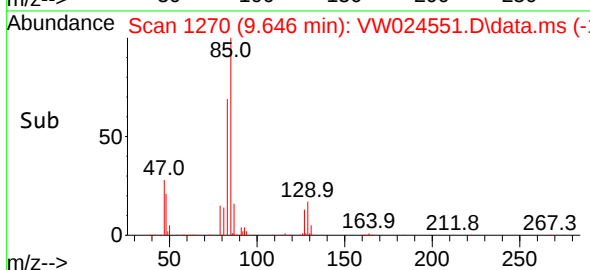
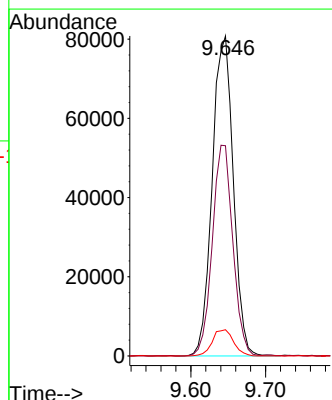
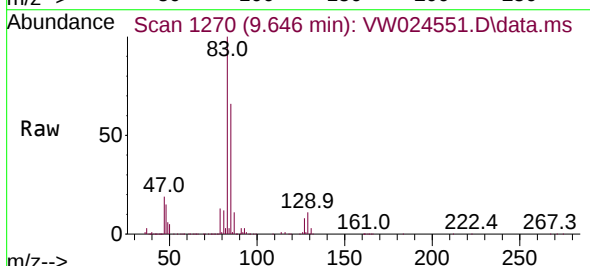
Tgt Ion: 83 Resp: 158326

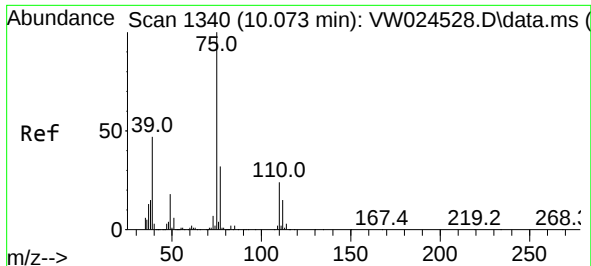
Ion Ratio Lower Upper

83 100

85 65.7 46.3 85.9

127 8.2 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 22.297 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024551.D

Acq: 02 Sep 2022 22:26

Instrument :

MSVOA_W

ClientSampleId :

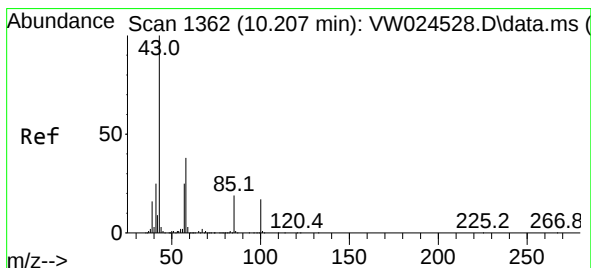
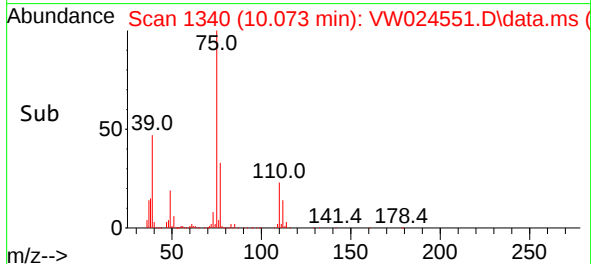
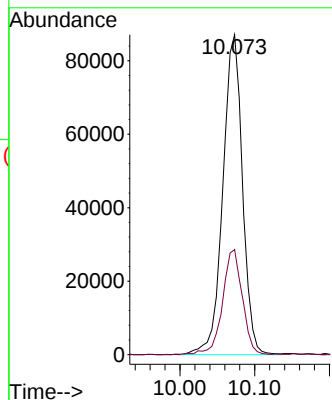
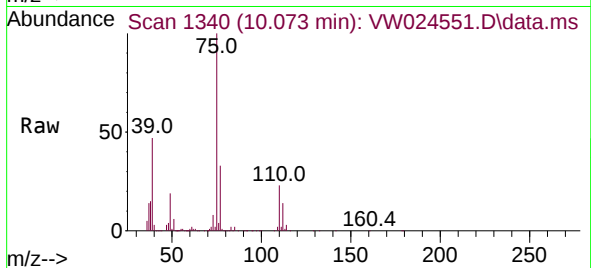
VSTD025561

Tgt Ion: 75 Resp: 159074

Ion Ratio Lower Upper

75 100

77 32.9 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 50.448 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024551.D

Acq: 02 Sep 2022 22:26

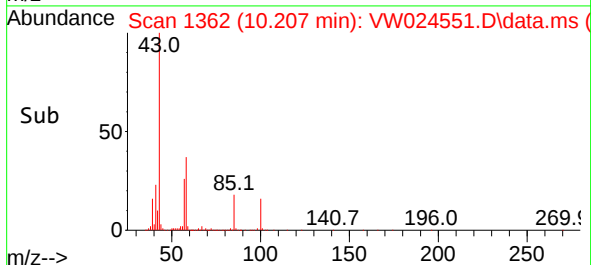
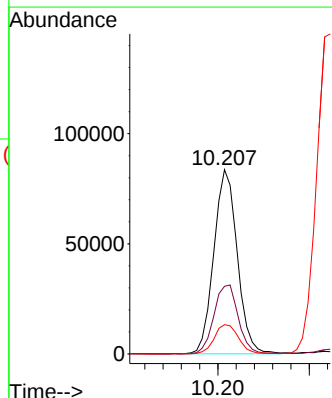
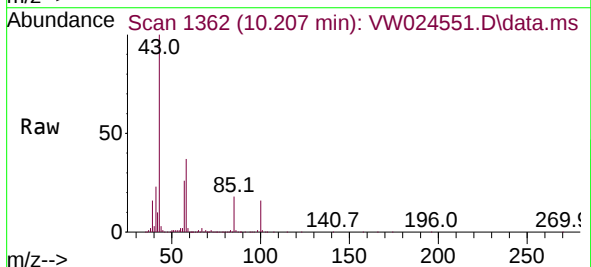
Tgt Ion: 43 Resp: 148673

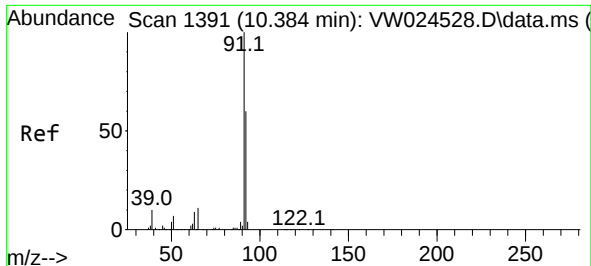
Ion Ratio Lower Upper

43 100

58 38.9 31.8 47.8

100 16.8 13.5 20.3

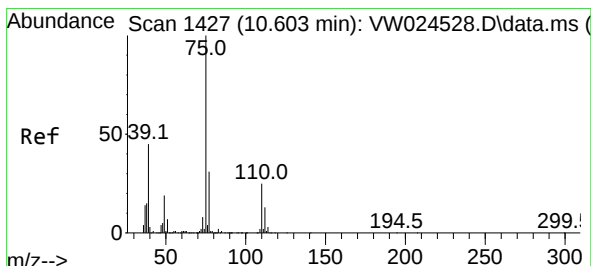
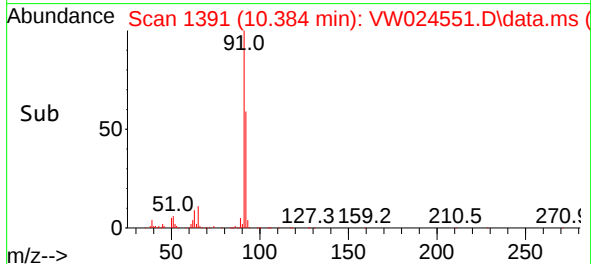
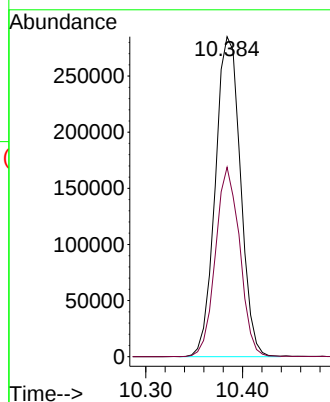
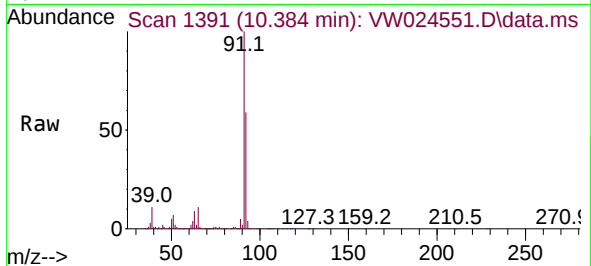




#42
Toluene
Concen: 24.039 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

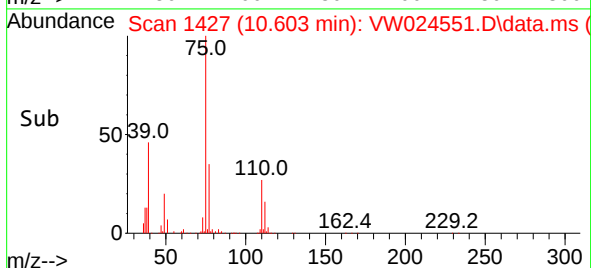
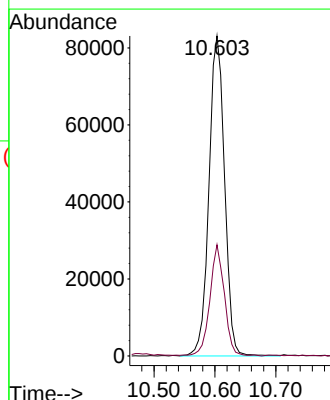
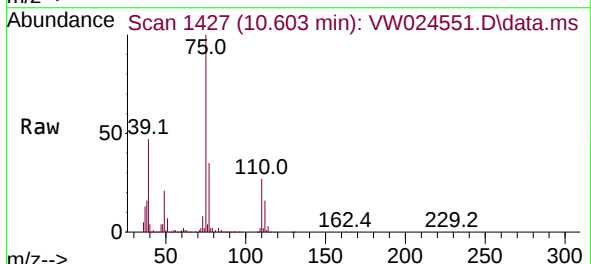
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

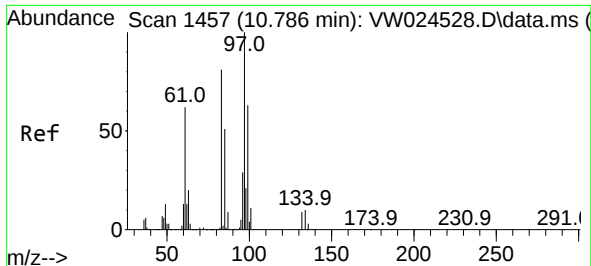
Tgt Ion: 91 Resp: 514777
Ion Ratio Lower Upper
91 100
92 59.2 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 23.153 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

Tgt Ion: 75 Resp: 148174
Ion Ratio Lower Upper
75 100
77 34.7 22.3 41.5

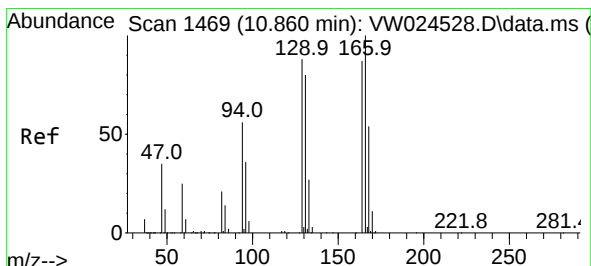
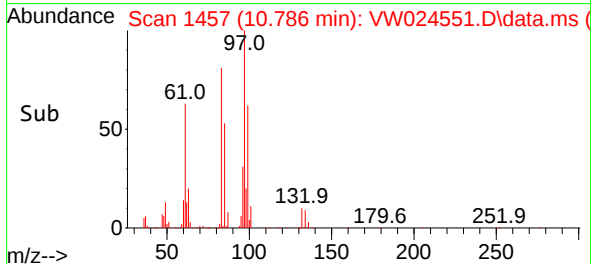
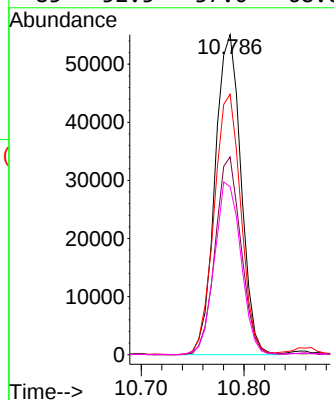
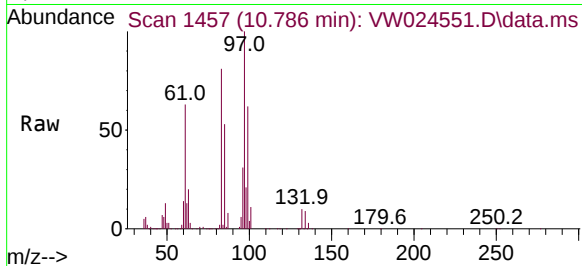




#45
1,1,2-Trichloroethane
Concen: 24.419 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

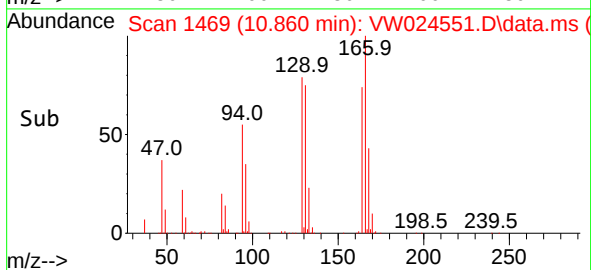
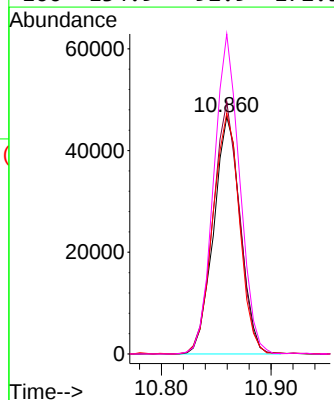
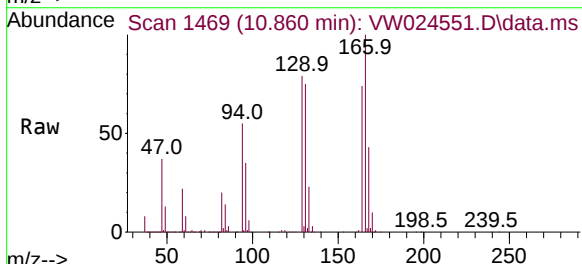
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

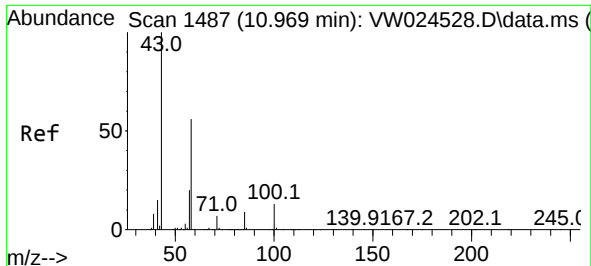
Tgt Ion:	97	Resp:	96612
Ion	Ratio	Lower	Upper
97	100		
99	61.8	45.7	84.9
83	81.4	58.5	108.7
85	52.5	37.0	68.6



#46
Tetrachloroethene
Concen: 20.701 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

Tgt Ion:	164	Resp:	78966
Ion	Ratio	Lower	Upper
164	100		
129	106.3	74.9	139.1
131	101.5	73.6	136.6
166	134.9	92.9	172.5

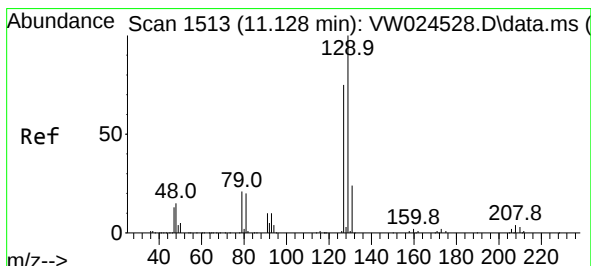
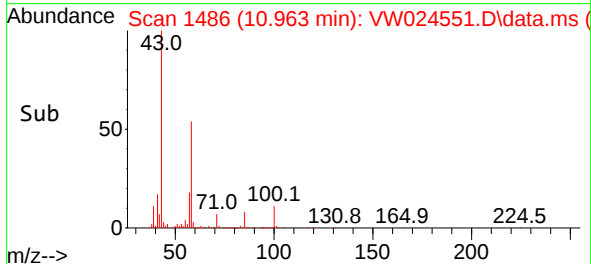
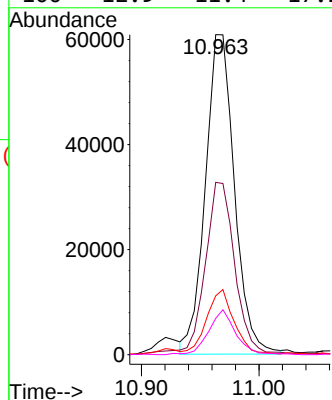
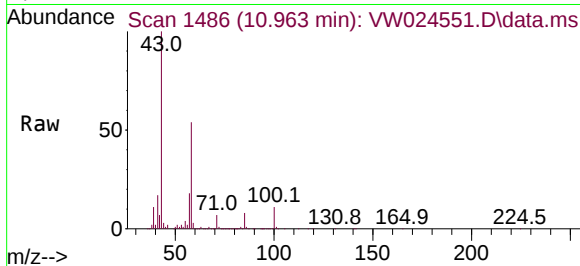




#48
2-Hexanone
Concen: 53.497 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

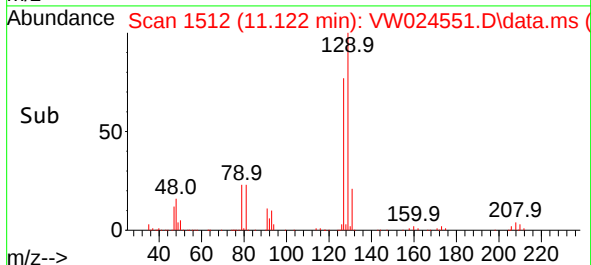
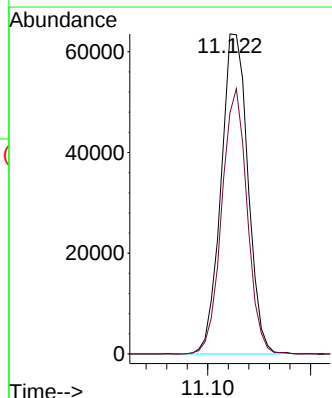
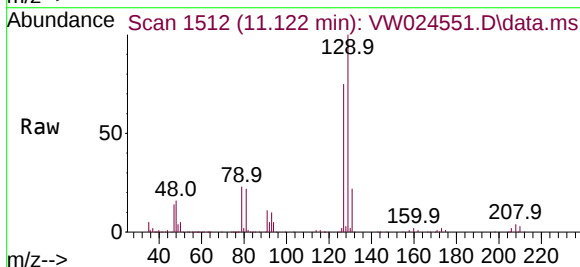
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

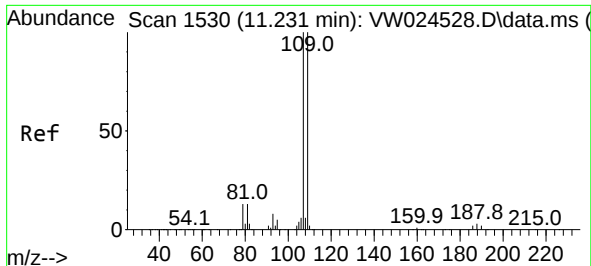
Tgt Ion: 43	Resp: 104893
Ion Ratio	Lower Upper
43 100	
58 55.1	44.2 66.2
57 19.2	15.5 23.3
100 12.9	11.4 17.2



#49
Dibromochloromethane
Concen: 24.875 ug/L
RT: 11.122 min Scan# 1512
Delta R.T. -0.006 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

Tgt Ion:129	Resp: 115643		
Ion Ratio	Lower	Upper	
129 100			
127 75.3	51.7	96.1	

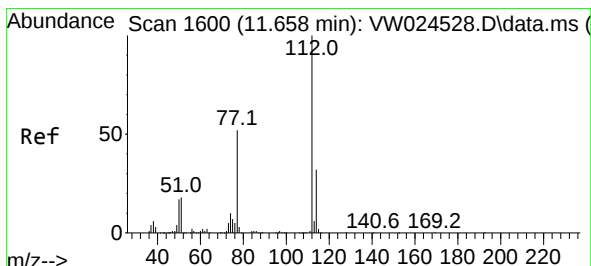
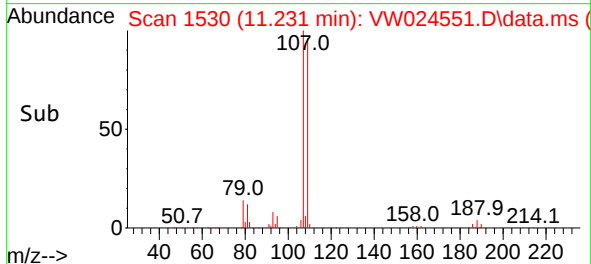
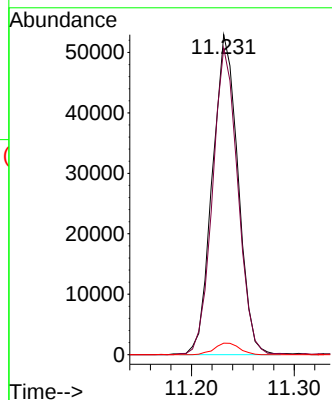
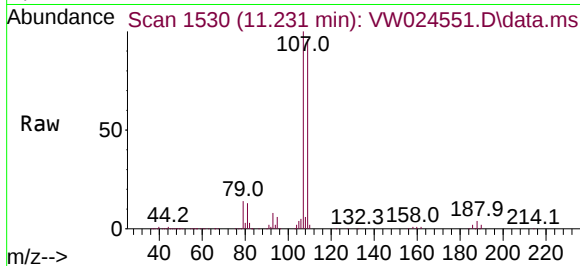




#50
1,2-Dibromoethane
Concen: 24.472 ug/L
RT: 11.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

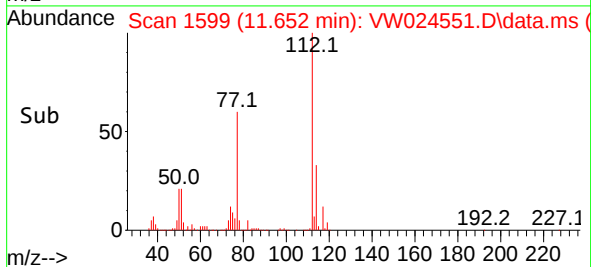
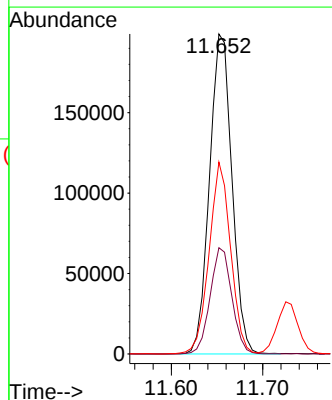
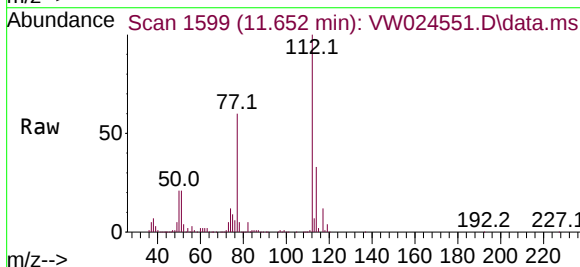
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

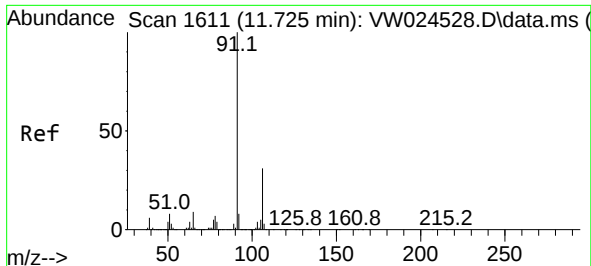
Tgt Ion:107 Resp: 91696
Ion Ratio Lower Upper
107 100
109 95.8 65.9 122.5
188 3.6 2.5 3.7



#51
Chlorobenzene
Concen: 23.389 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

Tgt Ion:112 Resp: 339890
Ion Ratio Lower Upper
112 100
114 33.2 22.9 42.5
77 59.9 43.5 65.3





#52

Ethylbenzene

Concen: 23.965 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. 0.006 min

Lab File: VW024551.D

Acq: 02 Sep 2022 22:26

Instrument :

MSVOA_W

ClientSampleId :

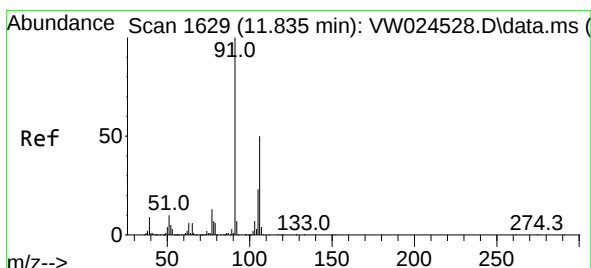
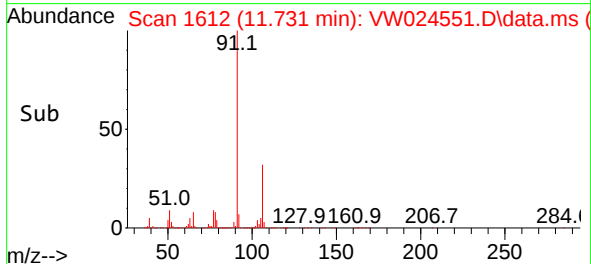
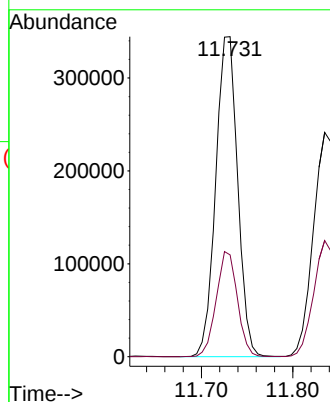
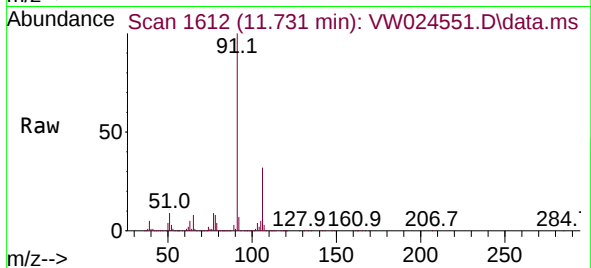
VSTD025561

Tgt Ion: 91 Resp: 574464

Ion Ratio Lower Upper

91 100

106 31.8 21.1 39.1



#53

m,p-Xylene

Concen: 24.476 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW024551.D

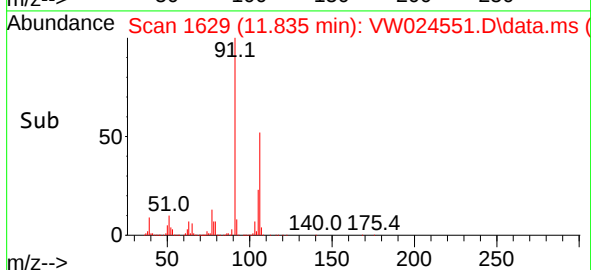
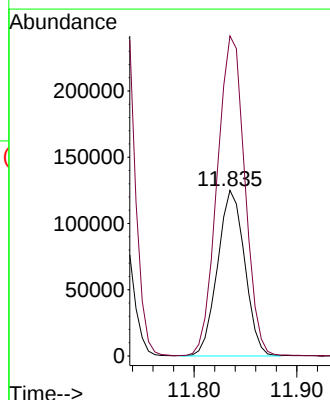
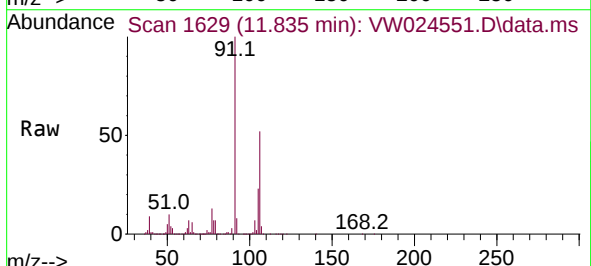
Acq: 02 Sep 2022 22:26

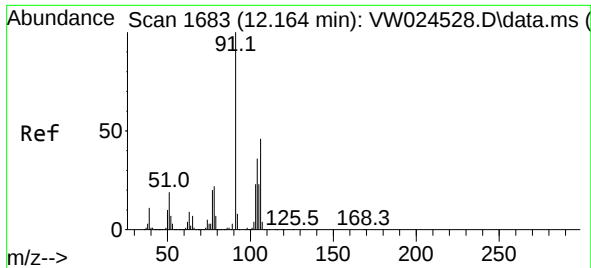
Tgt Ion:106 Resp: 229449

Ion Ratio Lower Upper

106 100

91 193.3 141.7 263.3

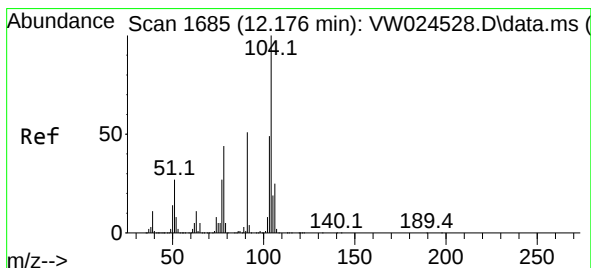
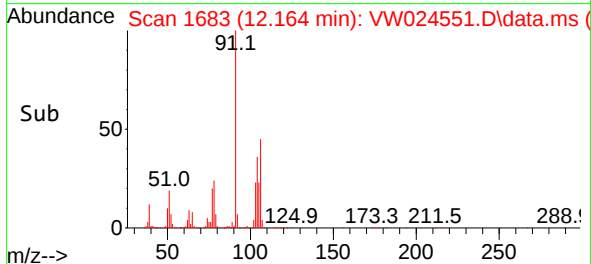
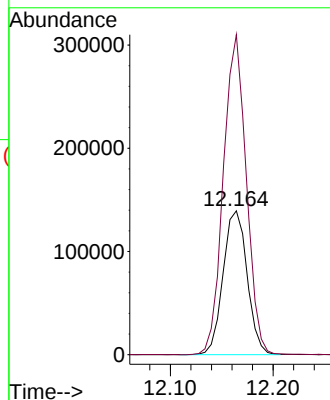
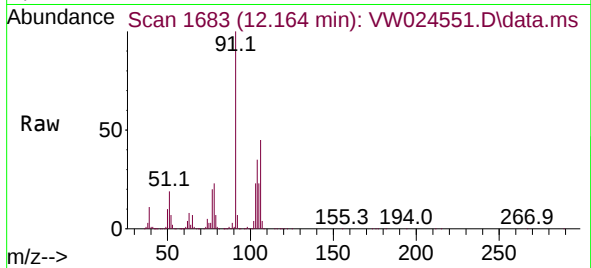




#54
o-Xylene
Concen: 25.208 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

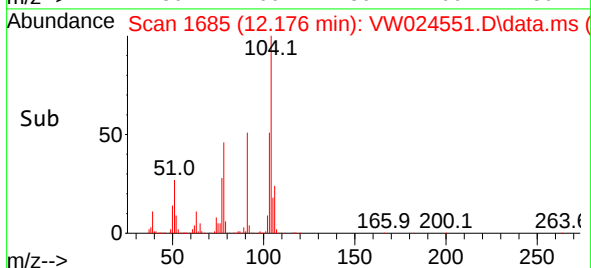
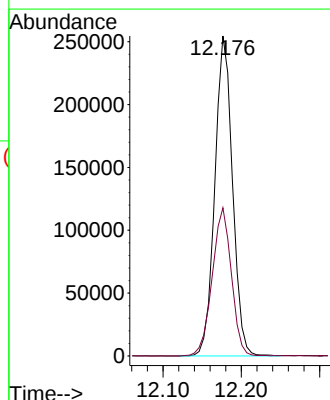
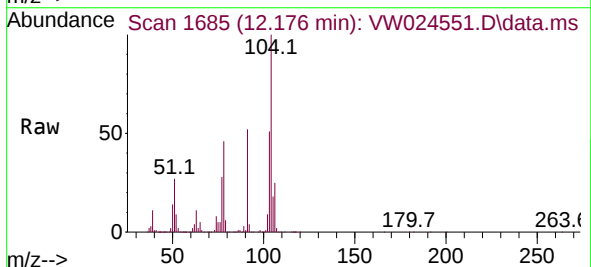
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

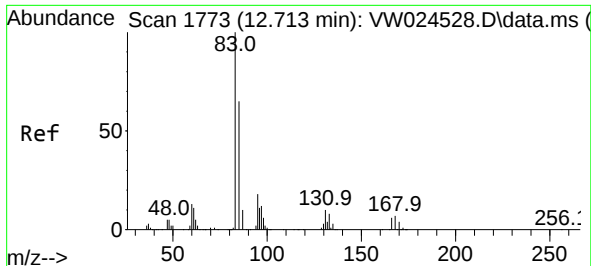
Tgt Ion:106 Resp: 226213
Ion Ratio Lower Upper
106 100
91 222.5 153.4 284.8



#55
Styrene
Concen: 25.625 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

Tgt Ion:104 Resp: 399454
Ion Ratio Lower Upper
104 100
78 46.3 31.9 59.2





#57

1,1,2,2-Tetrachloroethane

Concen: 25.316 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024551.D

Acq: 02 Sep 2022 22:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025561

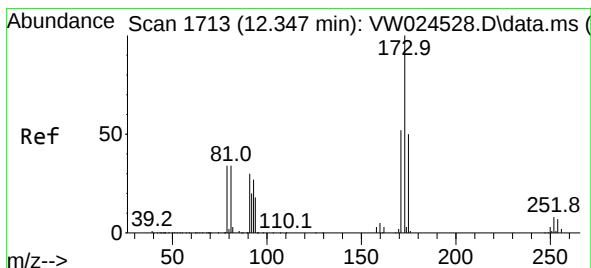
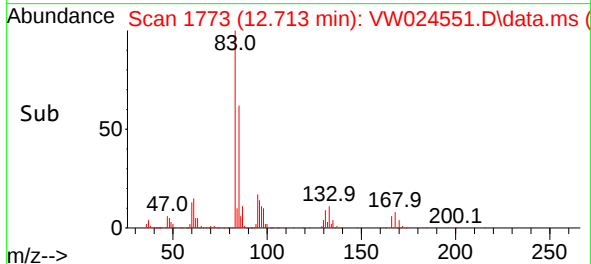
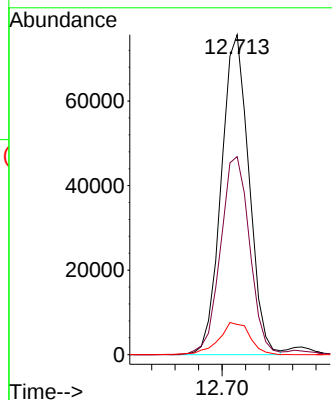
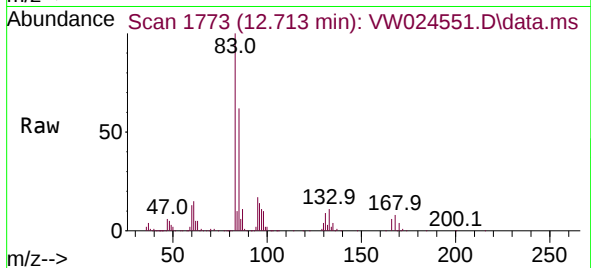
Tgt Ion: 83 Resp: 123955

Ion Ratio Lower Upper

83 100

85 61.9 43.9 81.5

131 9.4 7.9 11.9



#59

Bromoform

Concen: 24.373 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024551.D

Acq: 02 Sep 2022 22:26

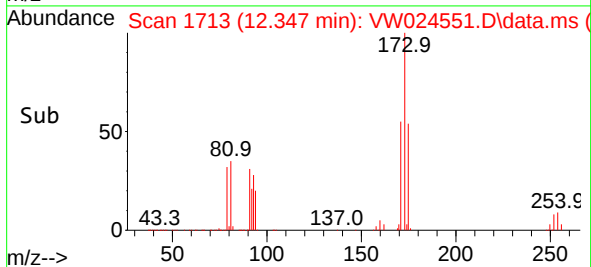
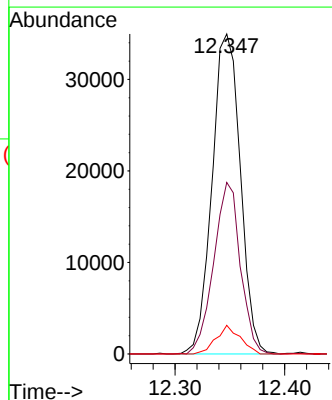
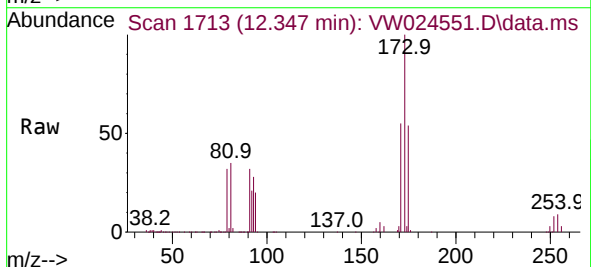
Tgt Ion: 173 Resp: 62680

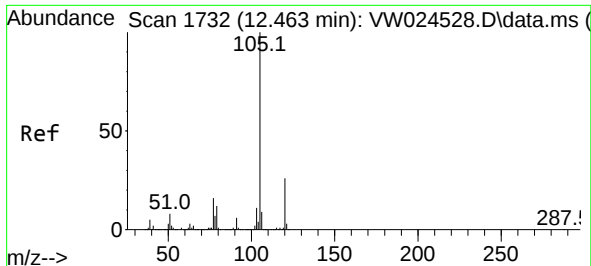
Ion Ratio Lower Upper

173 100

175 50.4 39.0 58.6

254 7.6 6.2 9.4

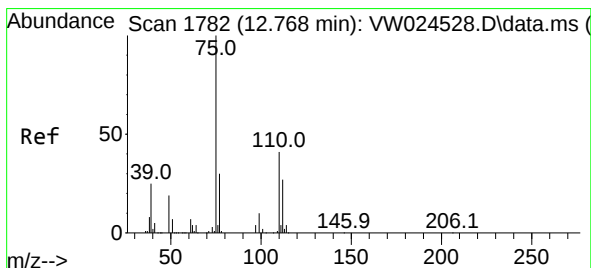
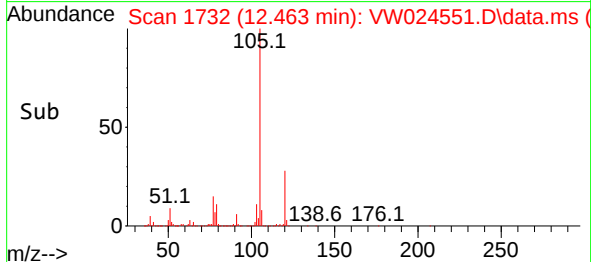
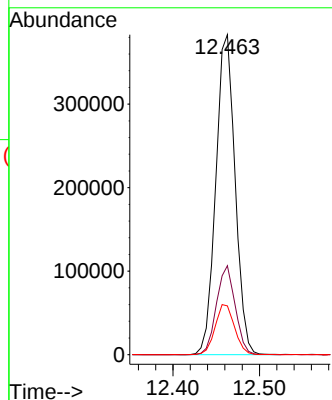
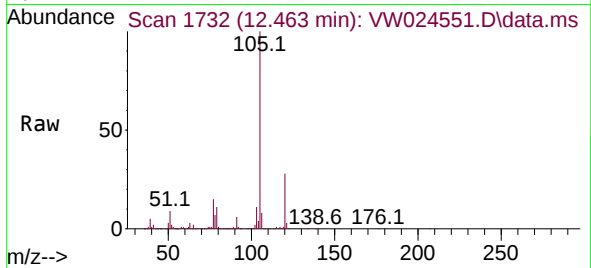




#60
Isopropylbenzene
Concen: 23.669 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

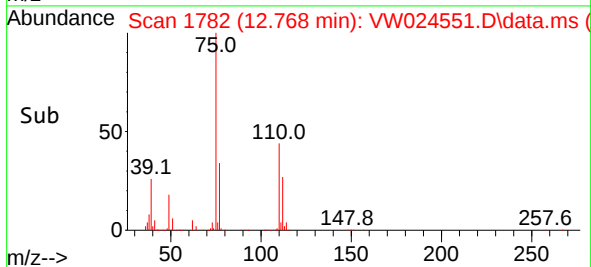
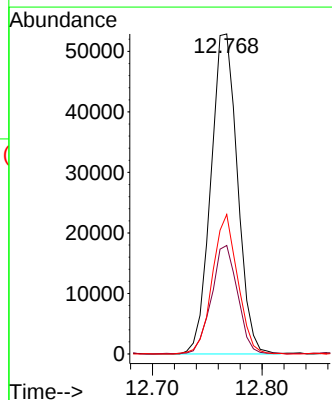
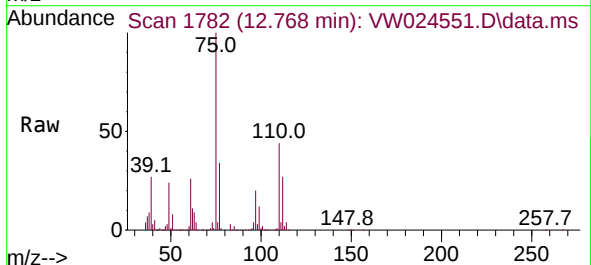
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

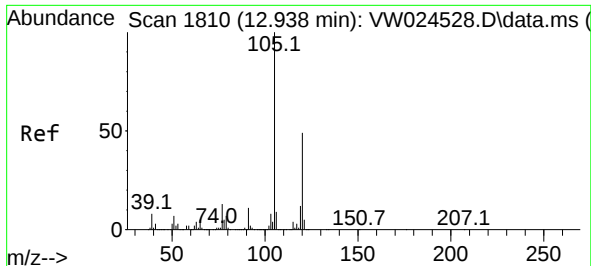
Tgt Ion:105 Resp: 592699
Ion Ratio Lower Upper
105 100
120 27.0 21.5 32.3
77 15.9 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 25.008 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

Tgt Ion: 75 Resp: 89425
Ion Ratio Lower Upper
75 100
77 33.0 25.2 37.8
110 41.3 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 24.304 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024551.D

Acq: 02 Sep 2022 22:26

Instrument :

MSVOA_W

ClientSampleId :

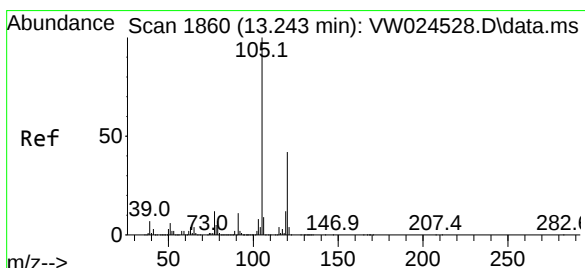
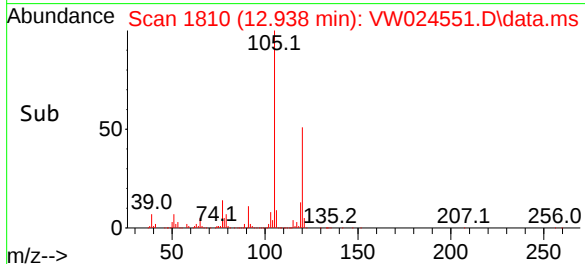
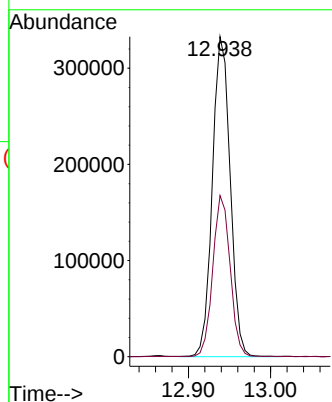
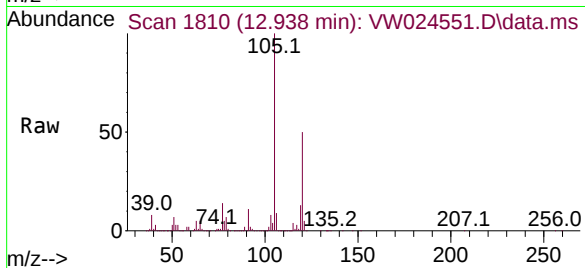
VSTD025561

Tgt Ion:105 Resp: 502038

Ion Ratio Lower Upper

105 100

120 48.9 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 24.516 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.006 min

Lab File: VW024551.D

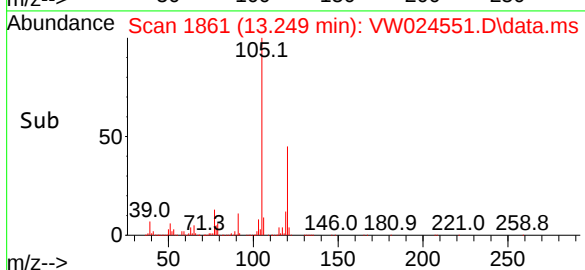
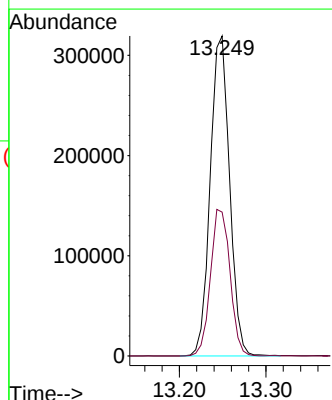
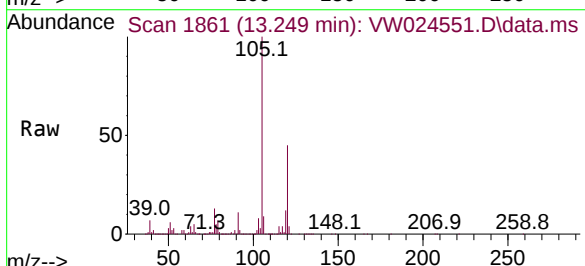
Acq: 02 Sep 2022 22:26

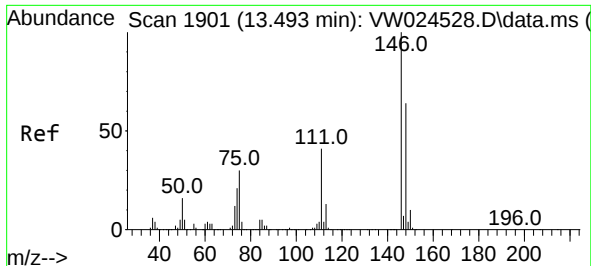
Tgt Ion:105 Resp: 495642

Ion Ratio Lower Upper

105 100

120 46.2 37.0 55.4

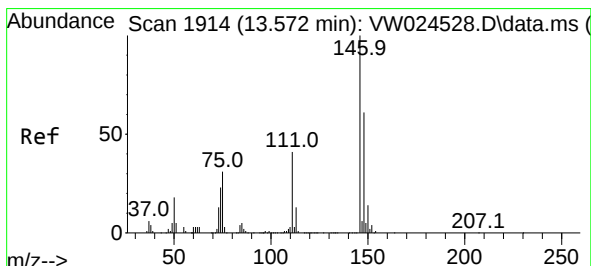
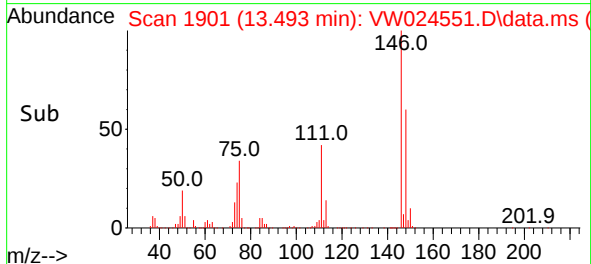
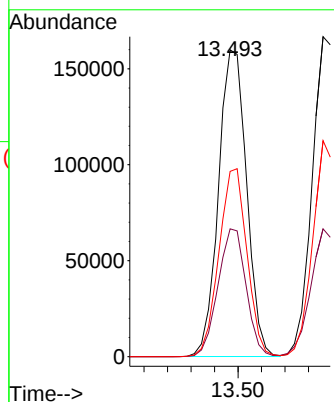
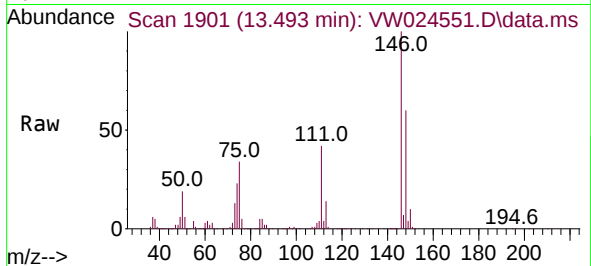




#64
1,3-Dichlorobenzene
Concen: 23.770 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

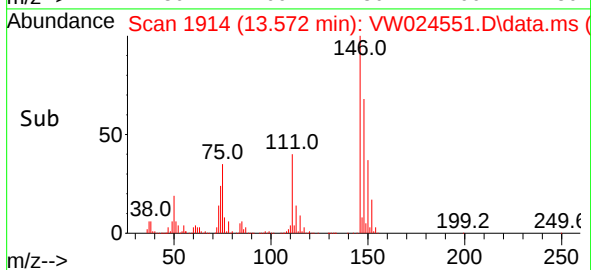
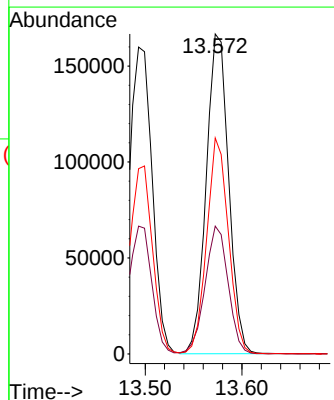
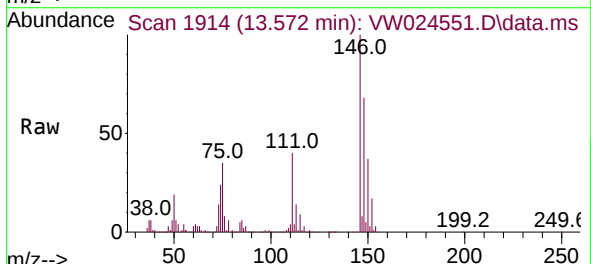
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

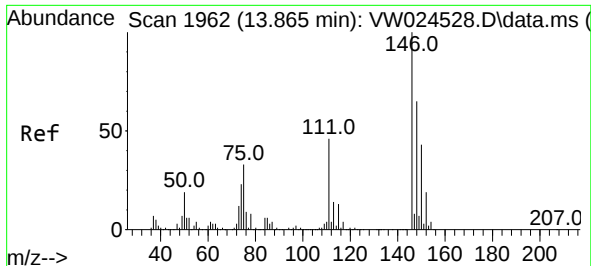
Tgt Ion:146 Resp: 265128
Ion Ratio Lower Upper
146 100
111 41.6 27.6 51.4
148 60.4 42.3 78.5



#65
1,4-Dichlorobenzene
Concen: 23.523 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

Tgt Ion:146 Resp: 268800
Ion Ratio Lower Upper
146 100
111 39.9 28.2 52.4
148 67.5 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 24.610 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024551.D

Acq: 02 Sep 2022 22:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025561

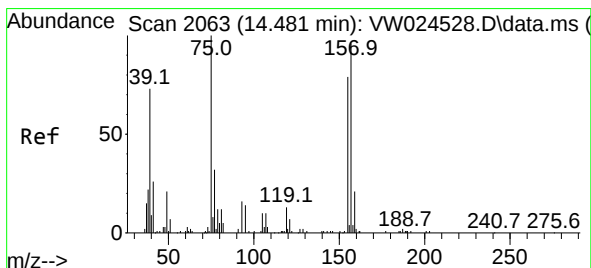
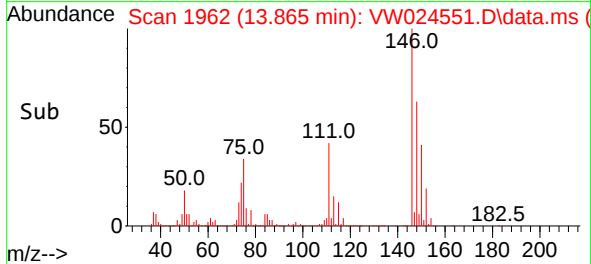
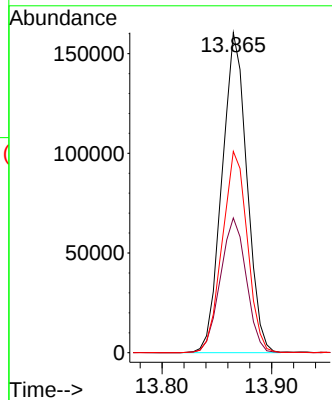
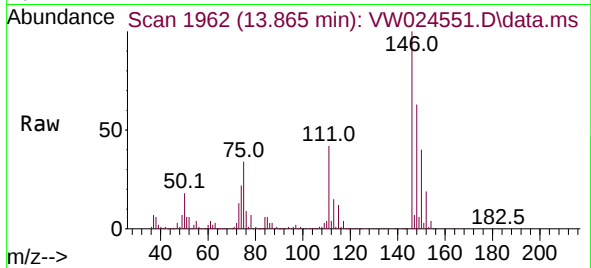
Tgt Ion:146 Resp: 253432

Ion Ratio Lower Upper

146 100

111 42.1 34.1 51.1

148 62.9 48.9 73.3



#68

1,2-Dibromo-3-chloropropane

Concen: 24.397 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024551.D

Acq: 02 Sep 2022 22:26

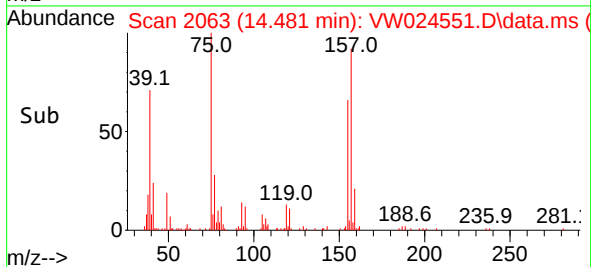
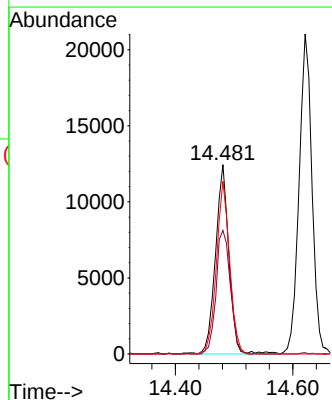
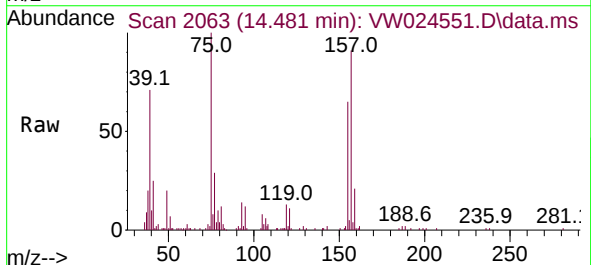
Tgt Ion: 75 Resp: 19746

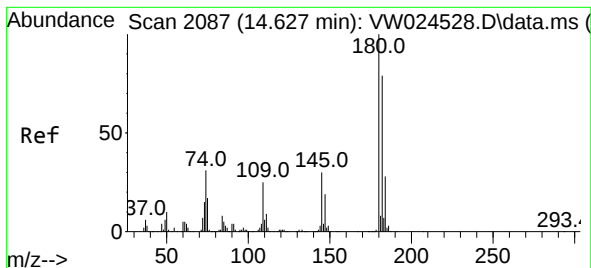
Ion Ratio Lower Upper

75 100

155 65.3 65.8 98.8#

157 91.2 82.2 123.4





#69

1,3,5-Trichlorobenzene

Concen: 22.799 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW024551.D

Acq: 02 Sep 2022 22:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025561

Tgt Ion:180 Resp: 163490

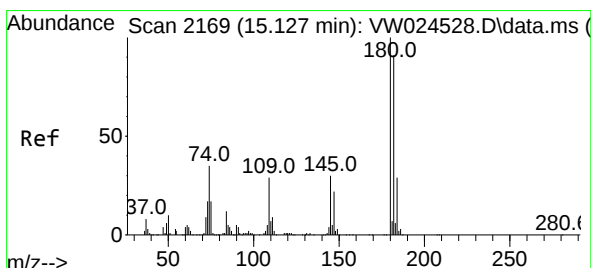
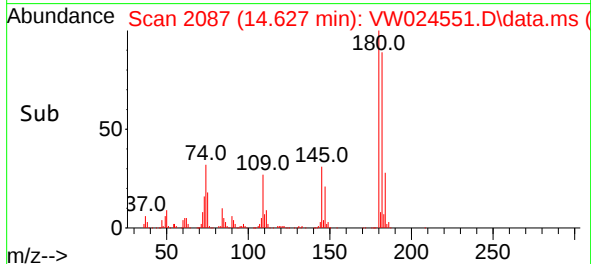
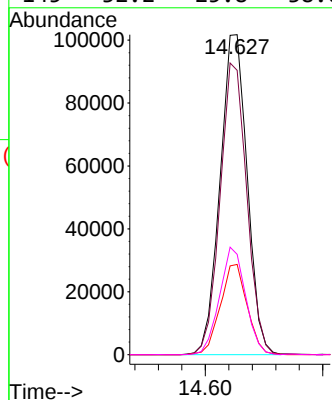
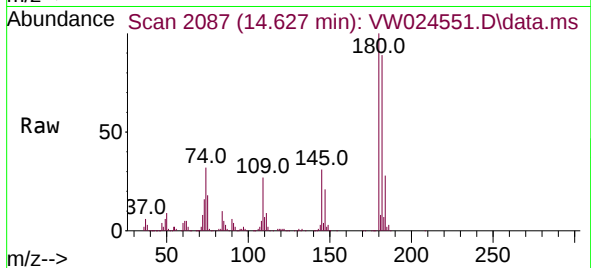
Ion Ratio Lower Upper

180 100

182 89.6 75.0 112.4

184 27.9 23.7 35.5

145 32.2 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 22.319 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024551.D

Acq: 02 Sep 2022 22:26

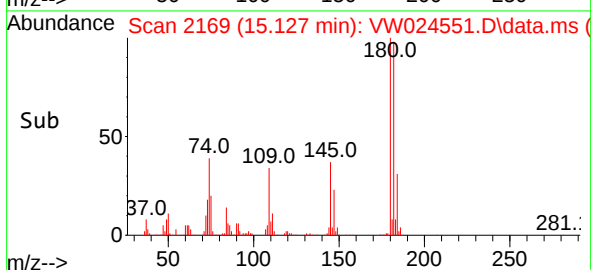
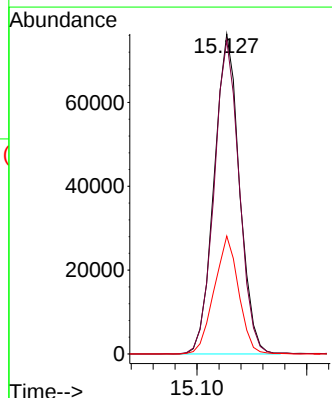
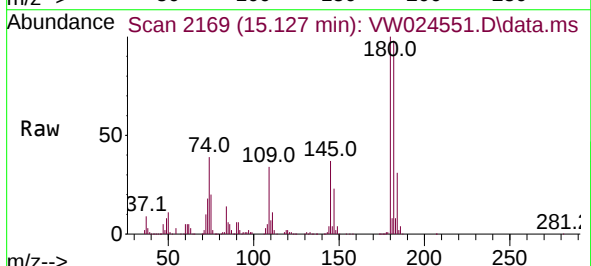
Tgt Ion:180 Resp: 122384

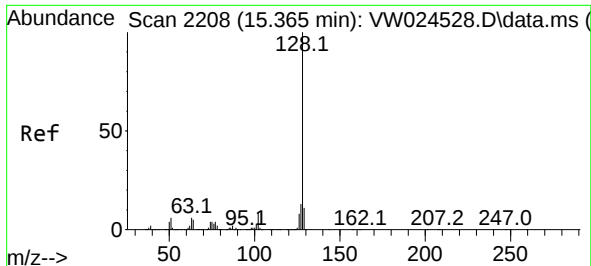
Ion Ratio Lower Upper

180 100

182 97.0 76.2 114.2

145 35.5 26.6 40.0

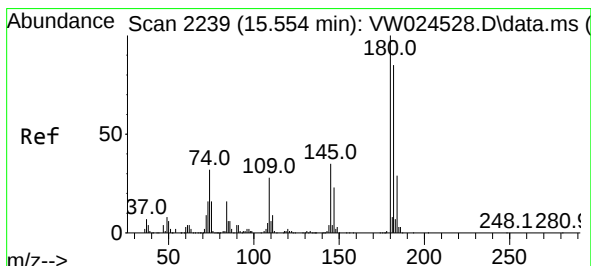
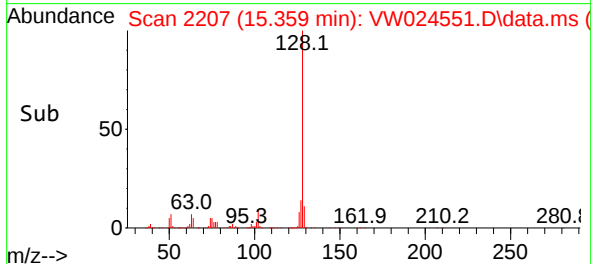
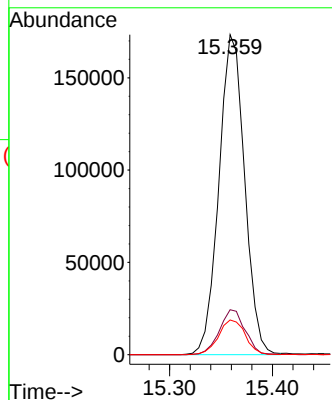
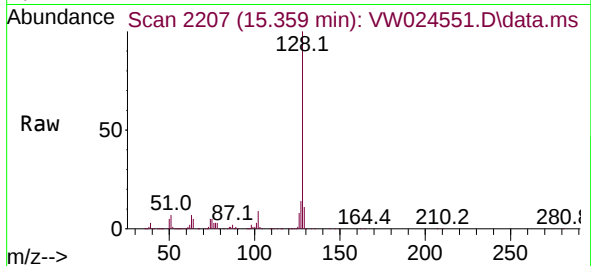




#71
Naphthalene
Concen: 25.994 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

Tgt Ion:128 Resp: 301336
Ion Ratio Lower Upper
128 100
127 14.1 10.6 15.8
129 11.3 8.4 12.6



#72
1,2,3-Trichlorobenzene
Concen: 24.625 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW024551.D
Acq: 02 Sep 2022 22:26

Tgt Ion:180 Resp: 121776
Ion Ratio Lower Upper
180 100
182 91.7 78.5 117.7
145 34.2 28.3 42.5

