

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090222\
 Data File : VW024522.D
 Acq On : 02 Sep 2022 09:35
 Operator : SY/VA
 Sample : VSTD2.525
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5425

Quant Time: Sep 02 23:32:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 02 23:31:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	329030	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	309477	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	149719	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	16366	2.492	ug/L	0.00
7) Chloroethane-d5	2.873	69	12151	2.485	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.007	63	20209	2.613	ug/L	0.00
21) 2-Butanone-d5	7.092	46	5777	5.505	ug/L	0.02
24) Chloroform-d	7.647	84	24212	2.763	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	13444	2.841	ug/L	0.00
32) Benzene-d6	8.275	84	43246	2.679	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	13309	2.817	ug/L	0.00
41) Toluene-d8	10.323	98	38169	2.483	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	5309	2.576	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	3800	4.696	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	11838	2.757	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	13072	2.669	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.178	85	132	0.147	ug/L	89
3) Chloromethane	2.215	50	12384	2.703	ug/L	97
5) Vinyl chloride	2.349	62	23502	2.901	ug/L	92
6) Bromomethane	2.769	94	15534	2.816	ug/L	89
8) Chloroethane	2.904	64	11729	2.727	ug/L	96
9) Trichlorofluoromethane	3.105	101	122	0.040	ug/L	85
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	13024	2.831	ug/L	98
12) 1,1-Dichloroethene	4.025	96	5658	1.395	ug/L	88
13) Acetone	4.117	43	4949	6.141	ug/L	97
14) Carbon disulfide	4.367	76	30677	2.746	ug/L	100
15) Methyl Acetate	4.672	43	3317	1.810	ug/L	93
16) Methylene chloride	4.897	84	6239	1.339	ug/L	95
17) trans-1,2-Dichloroethene	5.415	96	11878	2.636	ug/L	94
18) Methyl tert-butyl Ether	5.421	73	18725	2.399	ug/L #	68
19) 1,1-Dichloroethane	6.208	63	22214	2.722	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	12862	2.622	ug/L	93
22) 2-Butanone	6.927	43	195	0.149	ug/L	94
23) Bromochloromethane	7.513	128	6379	2.803	ug/L	80
25) Chloroform	7.671	83	24787	2.766	ug/L	97
27) 1,2-Dichloroethane	8.397	62	15821	2.688	ug/L	97
29) Cyclohexane	7.958	56	16288	2.535	ug/L	93
30) 1,1,1-Trichloroethane	7.872	97	19311	2.759	ug/L	99
31) Carbon tetrachloride	8.073	117	17467	2.752	ug/L	97
33) Benzene	8.323	78	50396	2.738	ug/L	100
34) Trichloroethene	9.085	95	13689	2.802	ug/L	91
35) Methylcyclohexane	9.335	83	19555	2.530	ug/L	97
37) 1,2-Dichloropropane	9.372	63	12196	2.750	ug/L #	90
38) Bromodichloromethane	9.646	83	16156	2.577	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	15833	2.371	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	13600	4.931	ug/L	97
42) Toluene	10.384	91	50347	2.512	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	13593	2.270	ug/L	95

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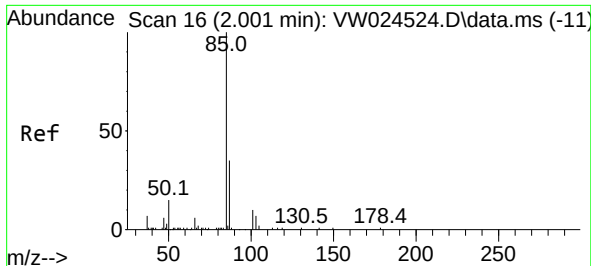
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5425

Quant Time: Sep 02 23:32:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 02 23:31:46 2022
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	10.780	97	9829	2.655	ug/L	97
46) Tetrachloroethene	10.853	164	8928	2.501	ug/L	94
48) 2-Hexanone	10.963	43	7449	4.145	ug/L	98
49) Dibromochloromethane	11.128	129	10658	2.450	ug/L	91
50) 1,2-Dibromoethane	11.231	107	9050	2.581	ug/L #	95
51) Chlorobenzene	11.658	112	36140	2.657	ug/L	92
52) Ethylbenzene	11.725	91	54491	2.429	ug/L	97
53) m,p-Xylene	11.841	106	20587	2.347	ug/L	93
54) o-Xylene	12.164	106	19514	2.324	ug/L	97
55) Styrene	12.176	104	31816	2.181	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	12141	2.650	ug/L	94
59) Bromoform	12.347	173	5304	2.440	ug/L #	99
60) Isopropylbenzene	12.463	105	50907	2.405	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	8307	2.748	ug/L	93
62) 1,3,5-Trimethylbenzene	12.938	105	39882	2.284	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	37421	2.190	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	23310	2.472	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	26249	2.718	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	21493	2.469	ug/L	87
68) 1,2-Dibromo-3-chloropr...	14.475	75	2080	3.040	ug/L #	64
69) 1,3,5-Trichlorobenzene	14.621	180	15242	2.515	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	10224	2.206	ug/L	96
71) Naphthalene	15.359	128	19717	2.012	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	9624	2.302	ug/L	98

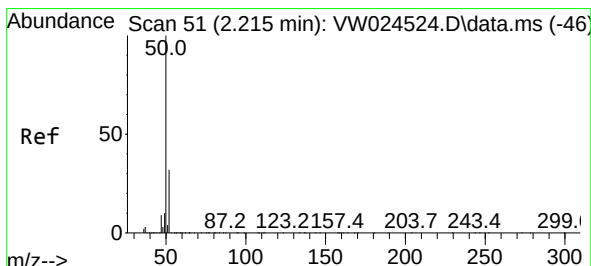
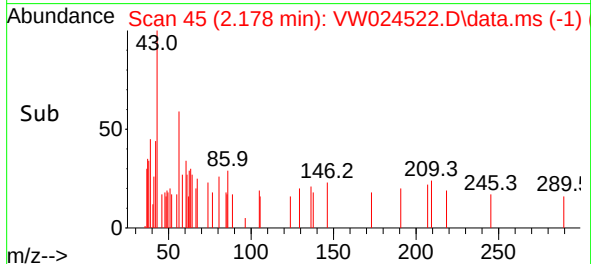
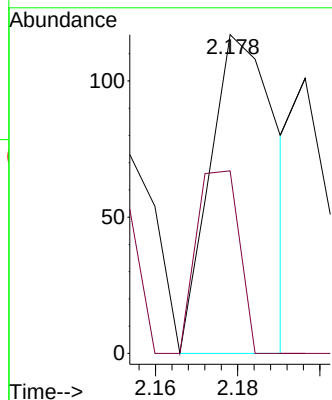
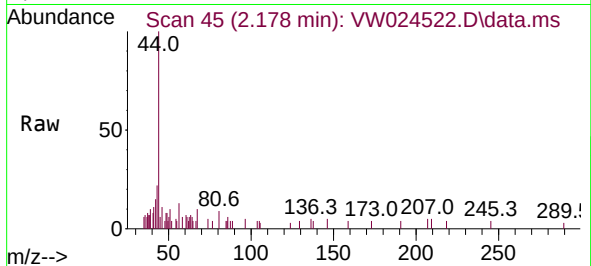
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.147 ug/L
RT: 2.178 min Scan# 41
Delta R.T. 0.177 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

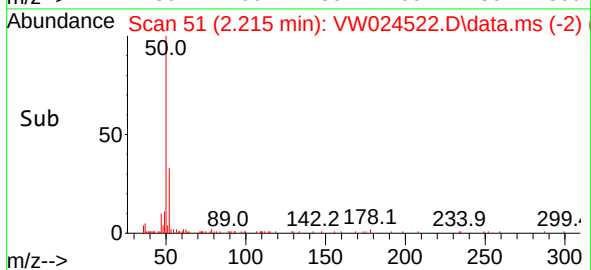
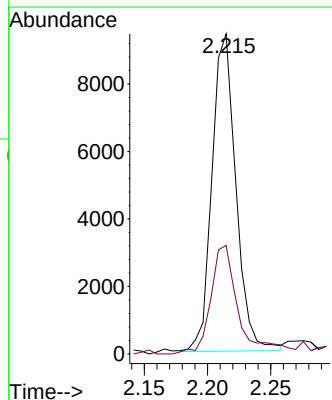
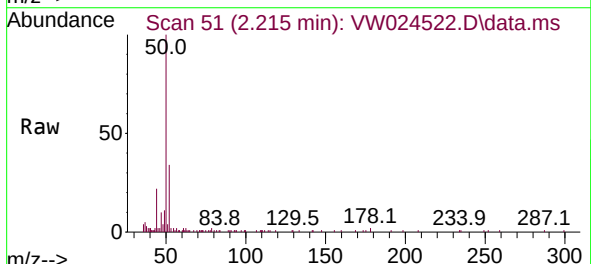
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5425

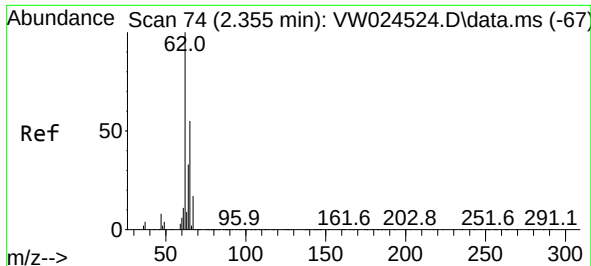
Tgt Ion: 85 Resp: 132
Ion Ratio Lower Upper
85 100
87 37.1 25.0 37.6



#3
Chloromethane
Concen: 2.703 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

Tgt Ion: 50 Resp: 12384
Ion Ratio Lower Upper
50 100
52 33.9 22.7 42.1

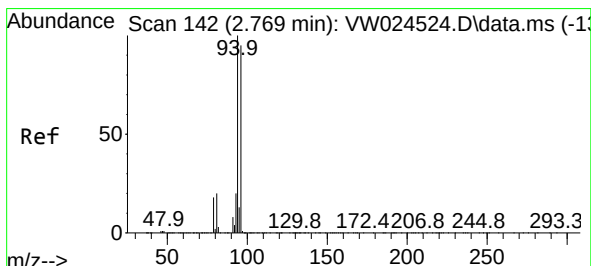
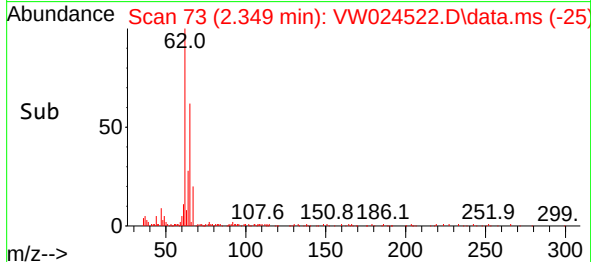
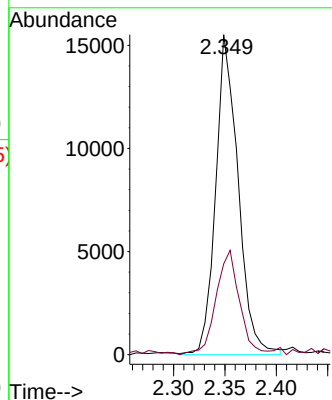
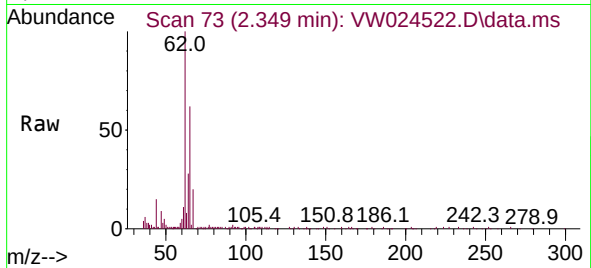




#5
 Vinyl chloride
 Concen: 2.901 ug/L
 RT: 2.349 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW024522.D
 Acq: 02 Sep 2022 09:35

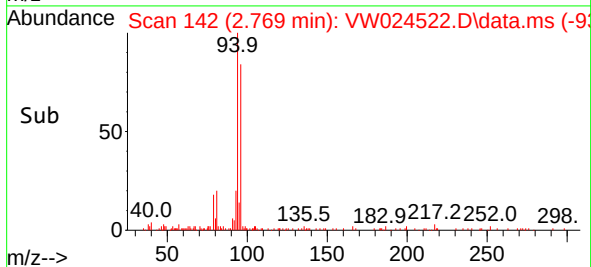
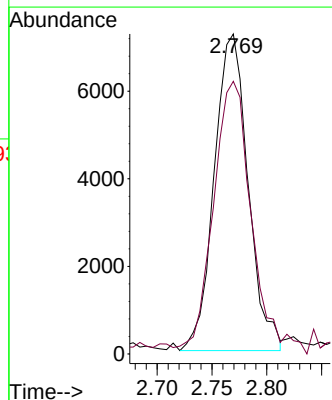
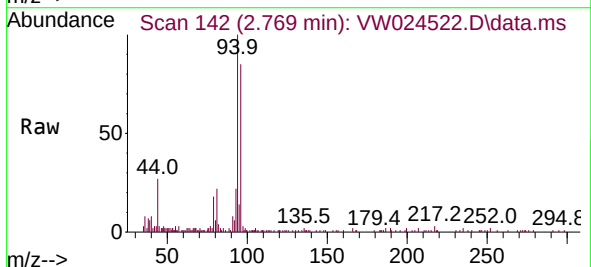
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 ClientSampleId :
 VSTD2.5425

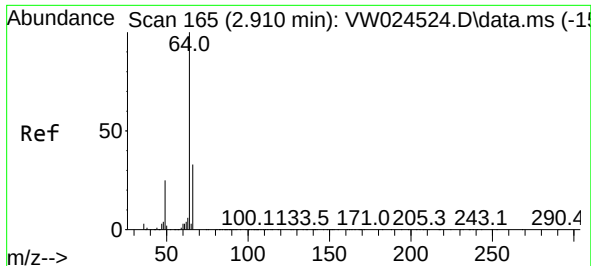
Tgt Ion: 62 Resp: 23502
 Ion Ratio Lower Upper
 62 100
 64 28.4 22.9 42.5



#6
 Bromomethane
 Concen: 2.816 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW024522.D
 Acq: 02 Sep 2022 09:35

Tgt Ion: 94 Resp: 15534
 Ion Ratio Lower Upper
 94 100
 96 85.2 66.8 124.2

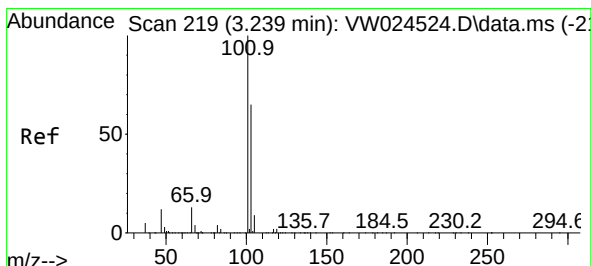
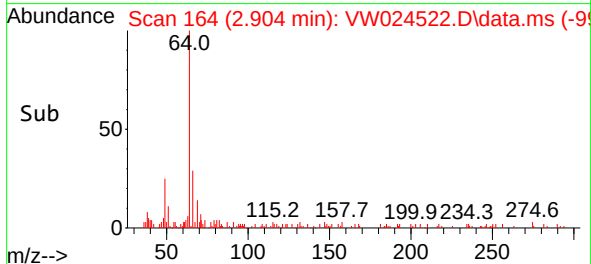
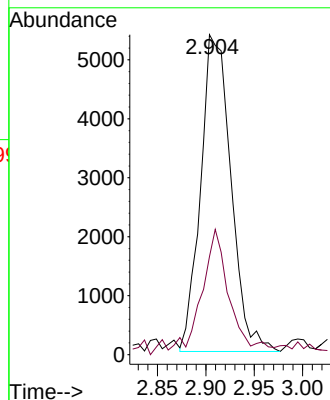
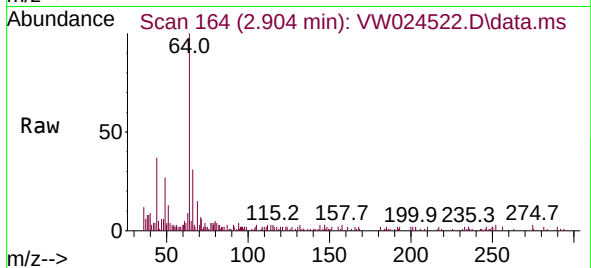




#8
Chloroethane
Concen: 2.727 ug/L
RT: 2.904 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

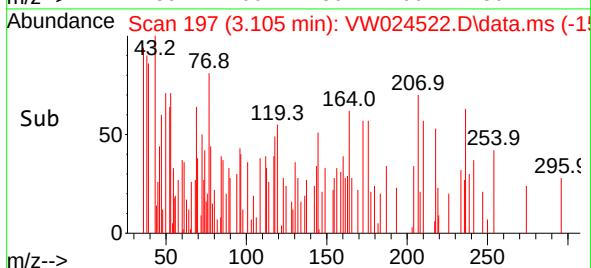
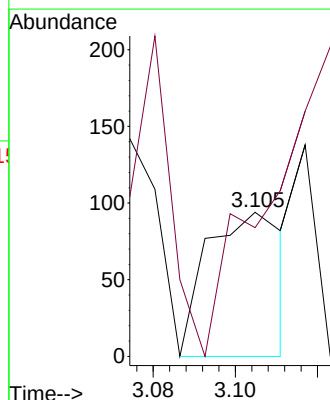
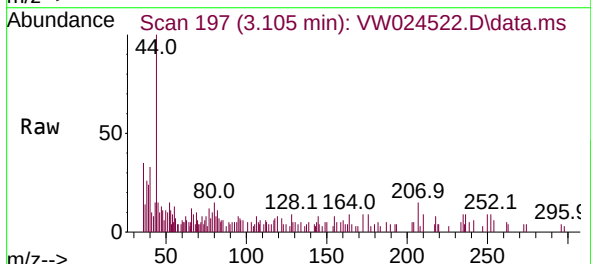
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ClientSampleId :
VSTD2.5425

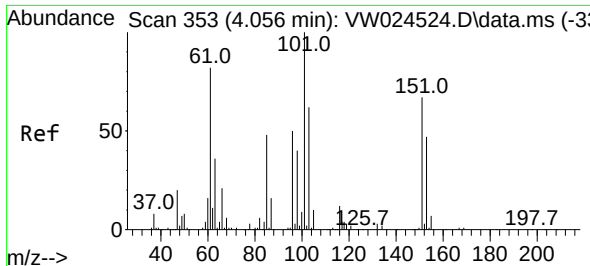
Tgt Ion: 64 Resp: 11729
Ion Ratio Lower Upper
64 100
66 30.7 23.2 43.0



#9
Trichlorofluoromethane
Concen: 0.040 ug/L
RT: 3.105 min Scan# 197
Delta R.T. -0.134 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

Tgt Ion: 101 Resp: 122
Ion Ratio Lower Upper
101 100
103 53.3 51.8 77.6

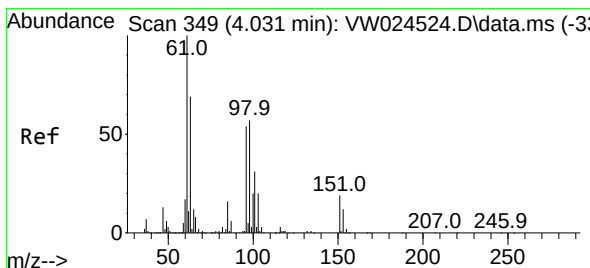
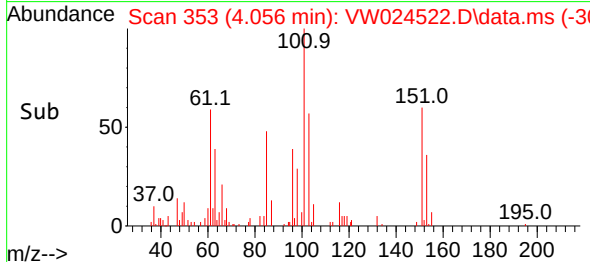
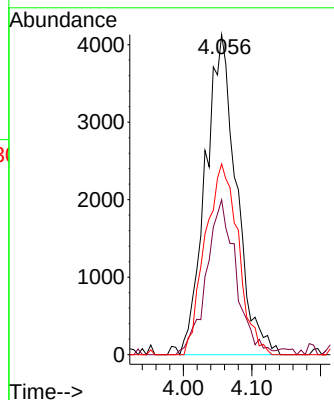
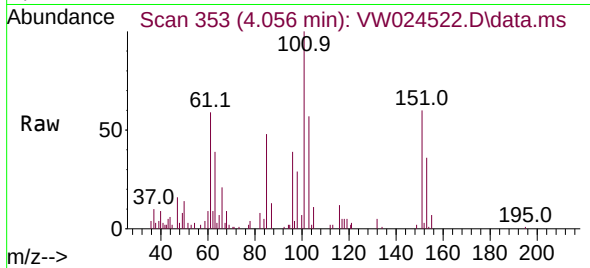




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.831 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW024522.D
 Acq: 02 Sep 2022 09:35

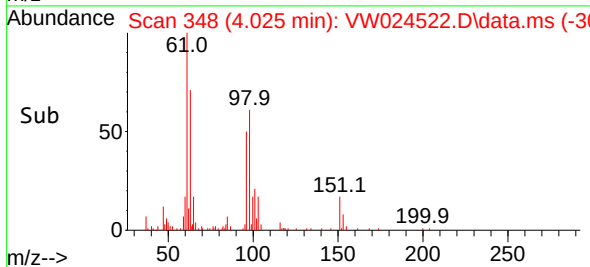
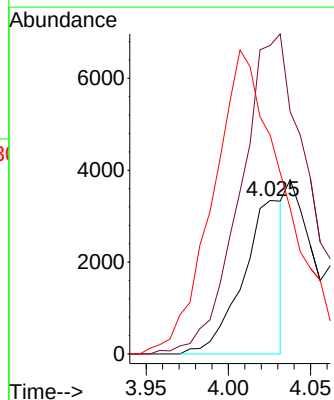
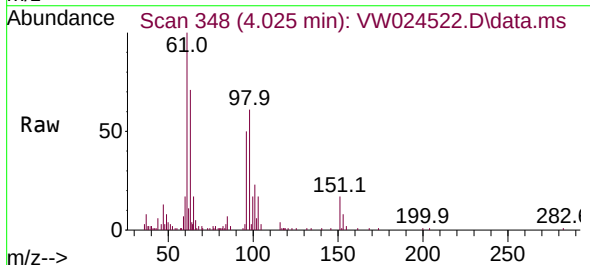
Instrument :
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 VSTD2.5425

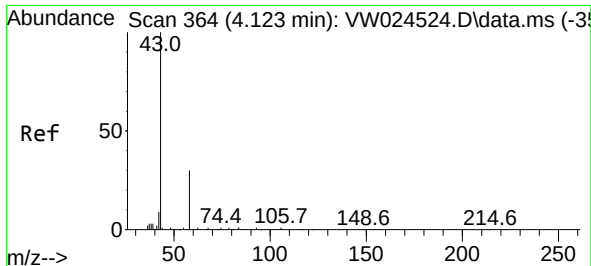
Tgt Ion:	101	Resp:	13024
Ion	Ratio	Lower	Upper
101	100		
85	46.1	37.1	55.7
151	63.3	52.9	79.3



#12
 1,1-Dichloroethene
 Concen: 1.395 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.006 min
 Lab File: VW024522.D
 Acq: 02 Sep 2022 09:35

Tgt Ion:	96	Resp:	5658
Ion	Ratio	Lower	Upper
96	100		
61	201.0	129.1	239.8
63	142.6	90.2	167.4

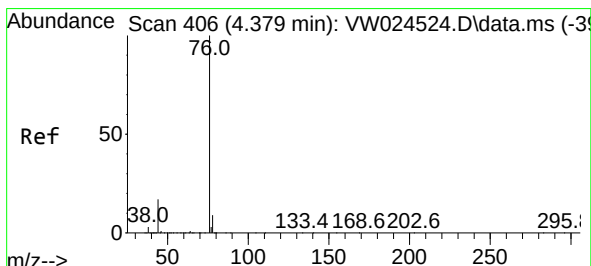
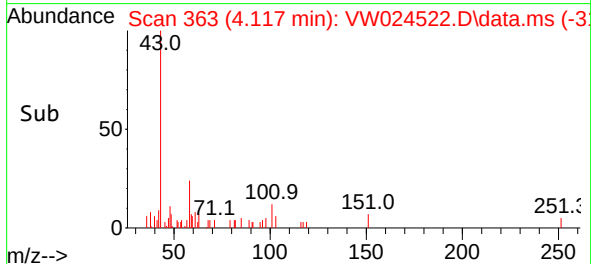
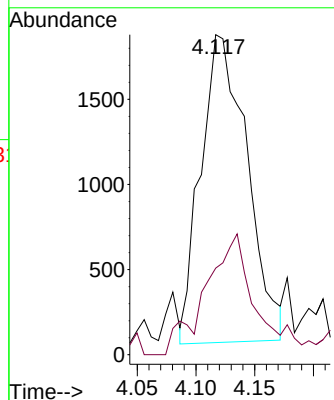
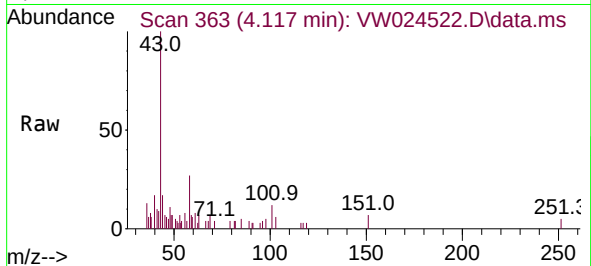




#13
Acetone
Concen: 6.141 ug/L
RT: 4.117 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

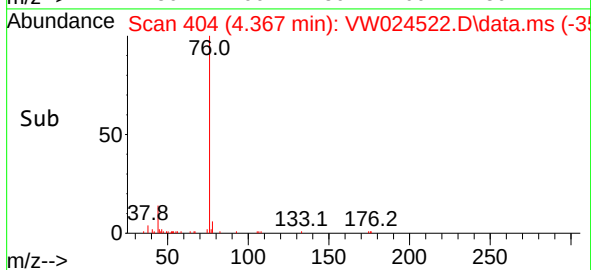
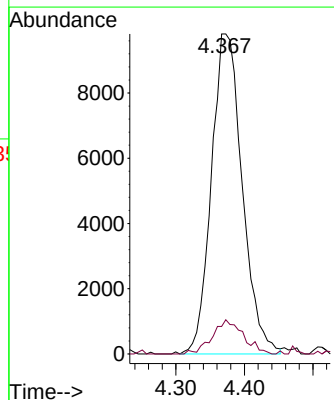
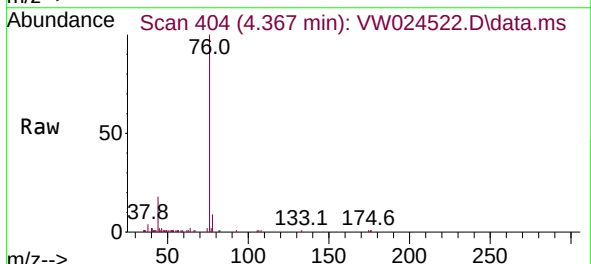
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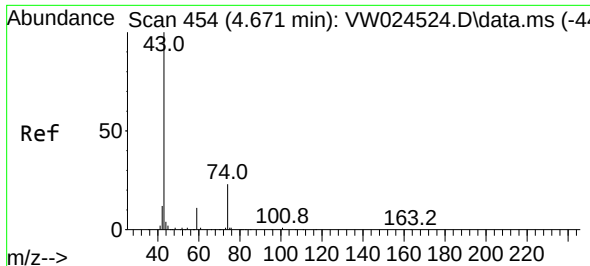
Tgt Ion: 43 Resp: 4949
Ion Ratio Lower Upper
43 100
58 31.5 0.0 59.8



#14
Carbon disulfide
Concen: 2.746 ug/L
RT: 4.367 min Scan# 404
Delta R.T. -0.012 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

Tgt Ion: 76 Resp: 30677
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3

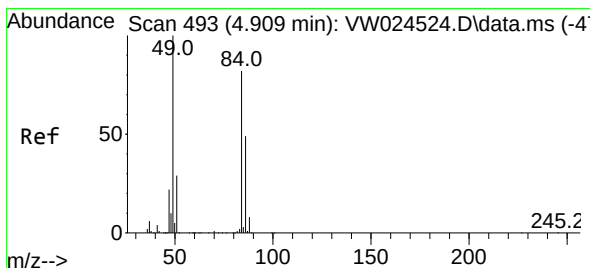
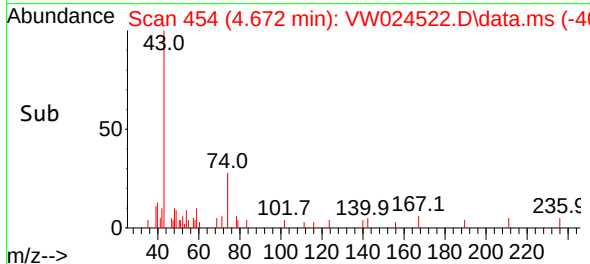
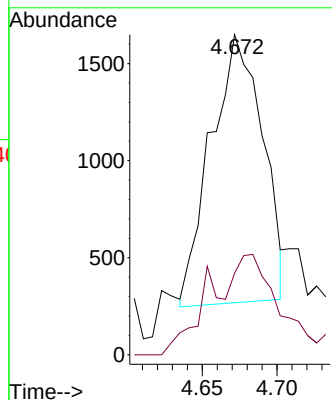
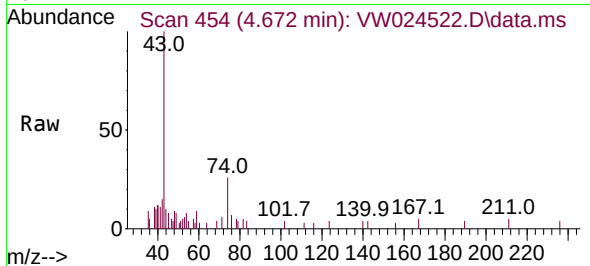




#15
Methyl Acetate
Concen: 1.810 ug/L
RT: 4.672 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

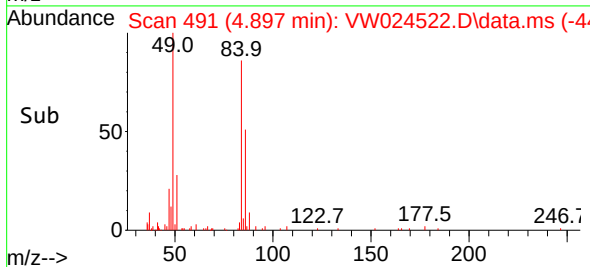
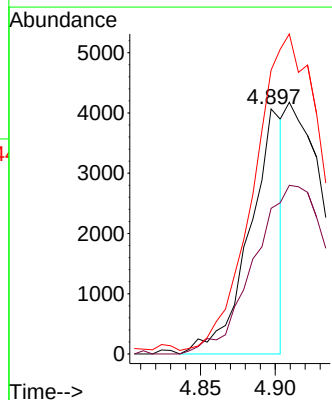
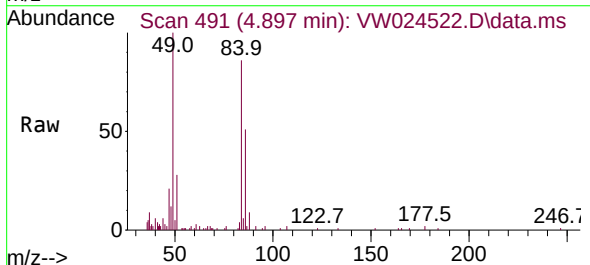
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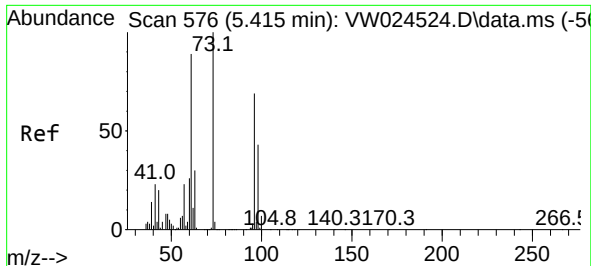
Tgt Ion: 43 Resp: 3317
Ion Ratio Lower Upper
43 100
74 20.9 19.5 29.3



#16
Methylene chloride
Concen: 1.339 ug/L
RT: 4.897 min Scan# 491
Delta R.T. -0.012 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

Tgt Ion: 84 Resp: 6239
Ion Ratio Lower Upper
84 100
86 62.0 42.1 78.1
49 115.9 85.5 158.9

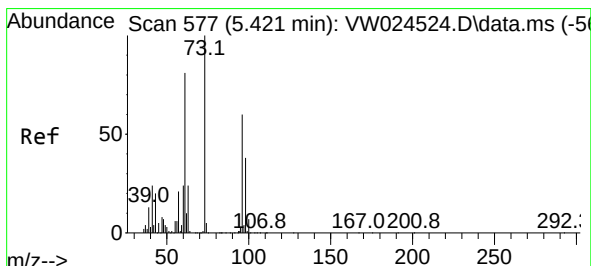
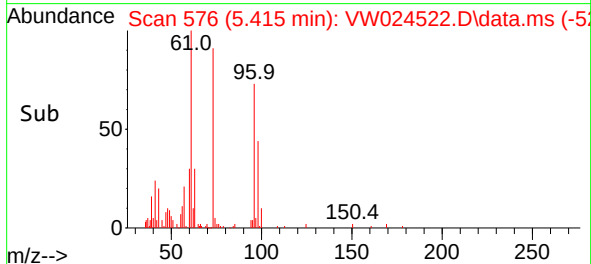
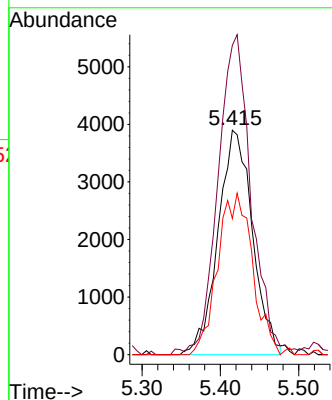
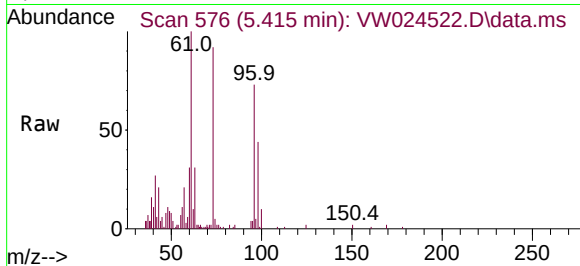




#17
trans-1,2-Dichloroethene
Concen: 2.636 ug/L
RT: 5.415 min Scan# 517
Delta R.T. 0.000 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

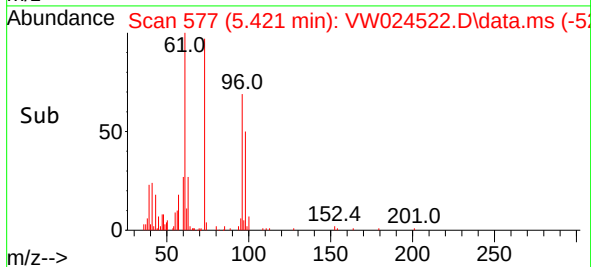
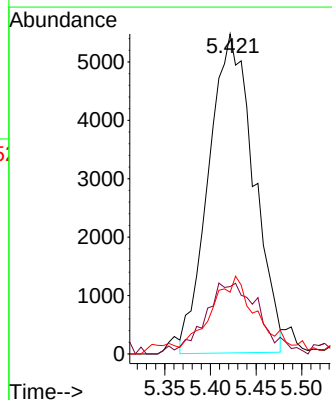
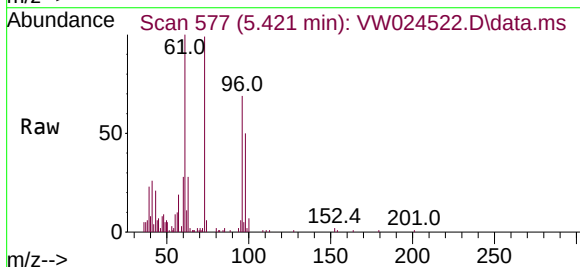
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5425

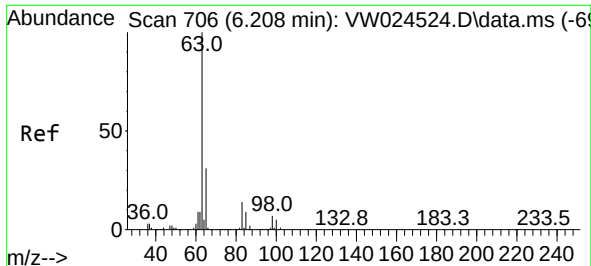
Tgt Ion: 96 Resp: 11878
Ion Ratio Lower Upper
96 100
61 137.8 90.0 167.2
98 60.7 43.3 80.3



#18
Methyl tert-butyl Ether
Concen: 2.399 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

Tgt Ion: 73 Resp: 18725
Ion Ratio Lower Upper
73 100
43 0.0 16.3 24.5#
57 11.7 17.3 25.9#





#19

1,1-Dichloroethane

Concen: 2.722 ug/L

RT: 6.208 min Scan# 706

Delta R.T. 0.000 min

Lab File: VW024522.D

Acq: 02 Sep 2022 09:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5425

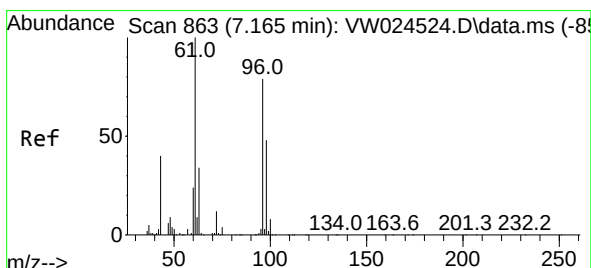
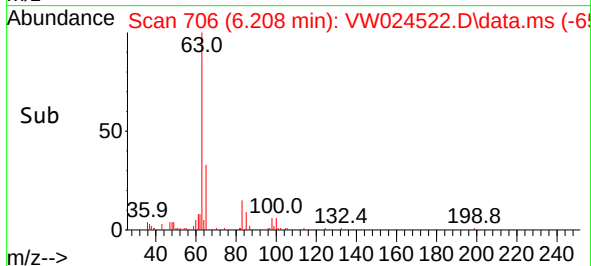
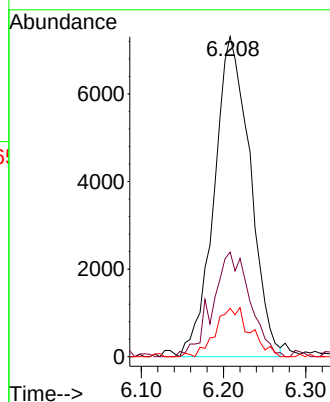
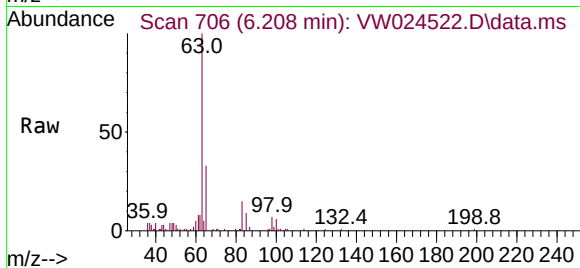
Tgt Ion: 63 Resp: 22214

Ion Ratio Lower Upper

63 100

65 32.7 21.5 39.9

83 15.1 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 2.622 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024522.D

Acq: 02 Sep 2022 09:35

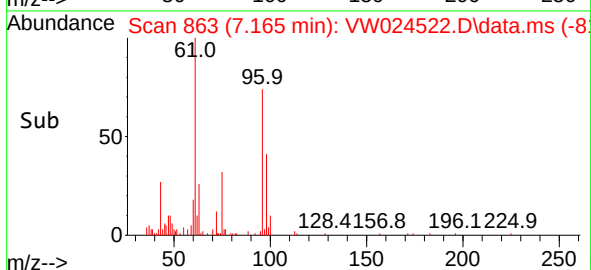
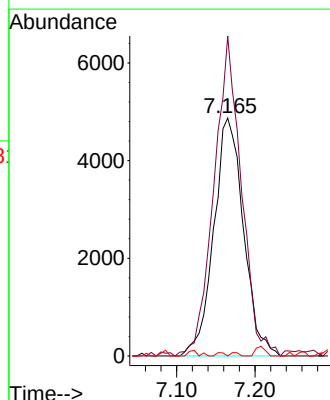
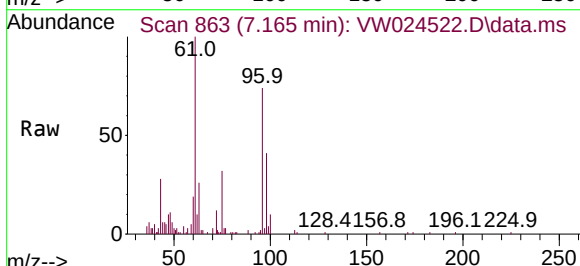
Tgt Ion: 96 Resp: 12862

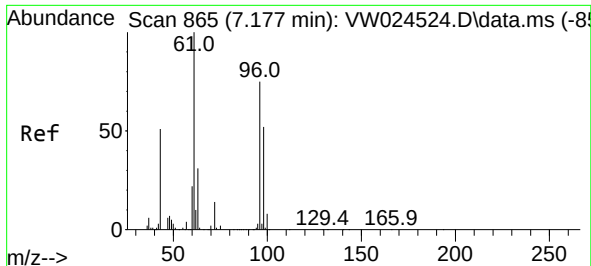
Ion Ratio Lower Upper

96 100

61 134.5 88.9 165.1

68 0.0 0.0 0.0

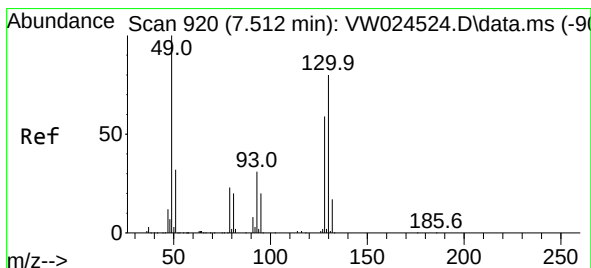
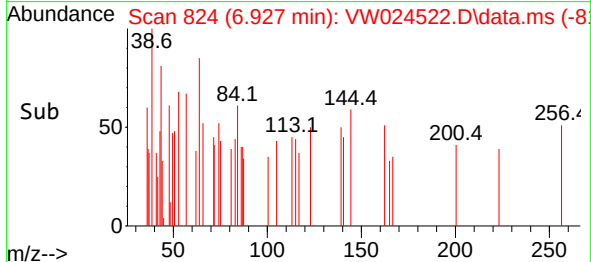
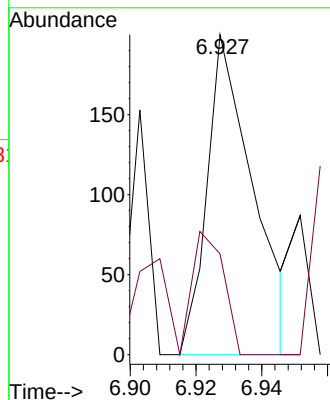
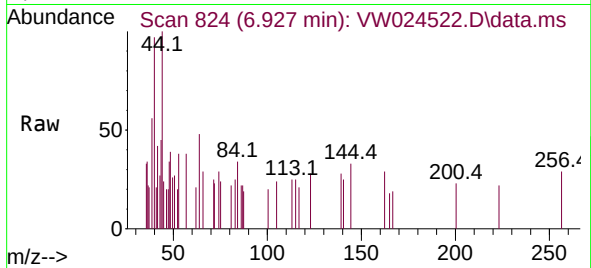




#22
2-Butanone
Concen: 0.149 ug/L
RT: 6.927 min Scan# 81
Delta R.T. -0.250 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

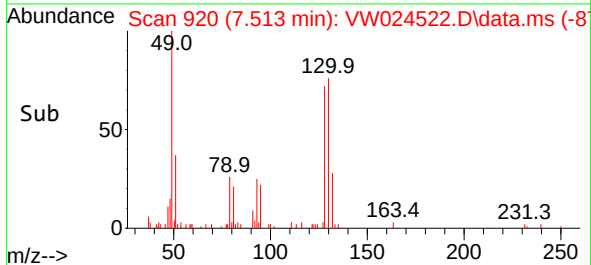
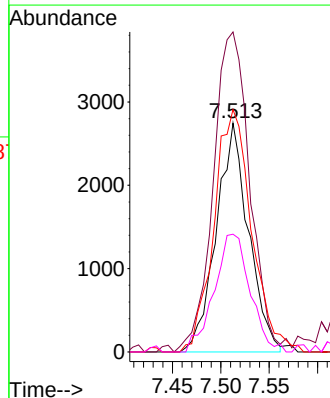
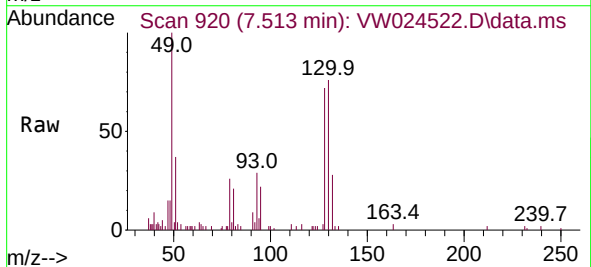
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5425

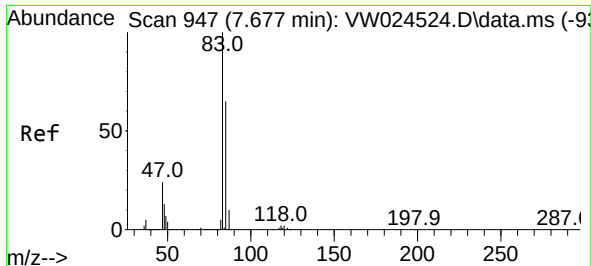
Tgt Ion: 43 Resp: 195
Ion Ratio Lower Upper
43 100
72 26.2 14.5 43.6



#23
Bromochloromethane
Concen: 2.803 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

Tgt Ion: 128 Resp: 6379
Ion Ratio Lower Upper
128 100
49 139.8 118.2 219.6
130 105.9 94.8 176.2
51 51.5 43.1 64.7

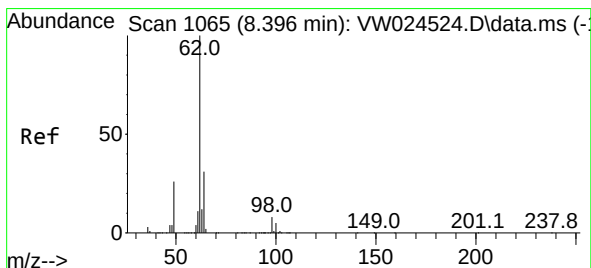
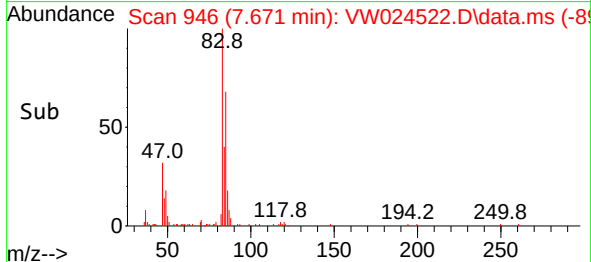
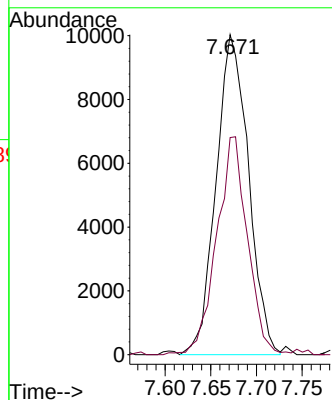
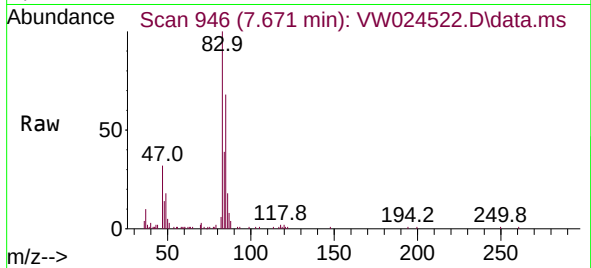




#25
Chloroform
Concen: 2.766 ug/L
RT: 7.671 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

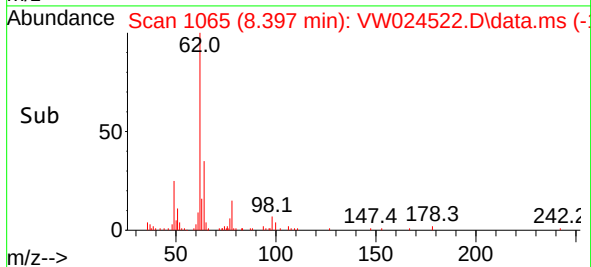
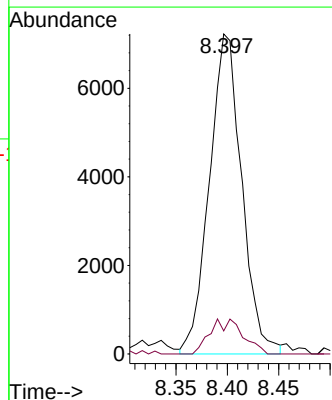
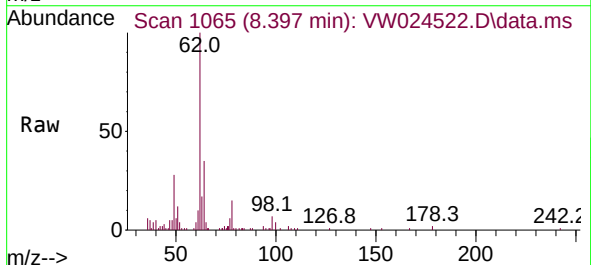
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5425

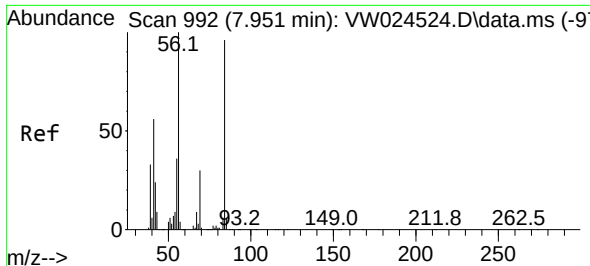
Tgt Ion: 83 Resp: 24787
Ion Ratio Lower Upper
83 100
85 67.8 45.6 84.8



#27
1,2-Dichloroethane
Concen: 2.688 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

Tgt Ion: 62 Resp: 15821
Ion Ratio Lower Upper
62 100
98 7.2 6.7 10.1





#29

Cyclohexane

Concen: 2.535 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW024522.D

Acq: 02 Sep 2022 09:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5425

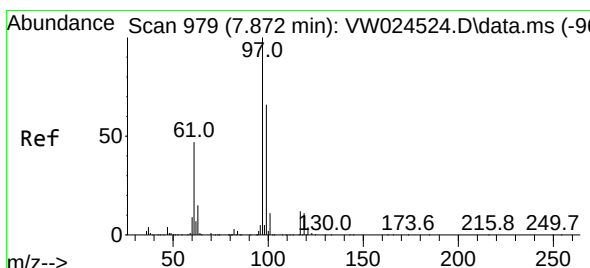
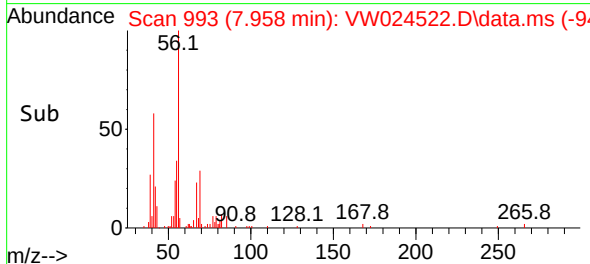
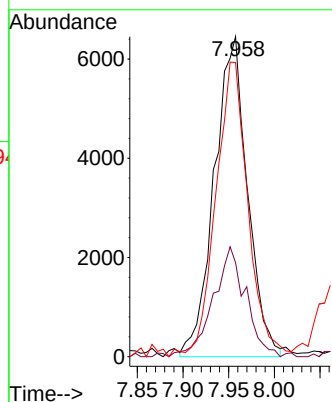
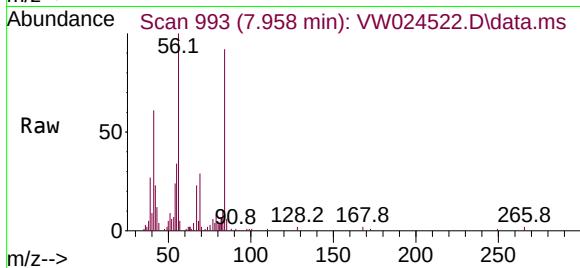
Tgt Ion: 56 Resp: 16288

Ion Ratio Lower Upper

56 100

69 33.6 24.8 37.2

84 88.5 77.3 115.9



#30

1,1,1-Trichloroethane

Concen: 2.759 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW024522.D

Acq: 02 Sep 2022 09:35

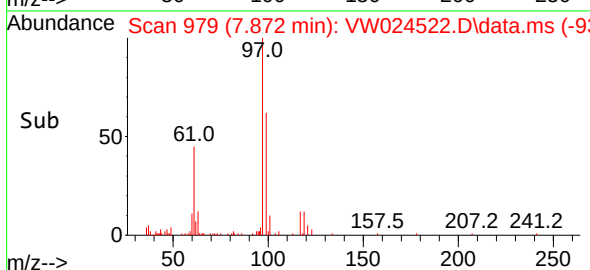
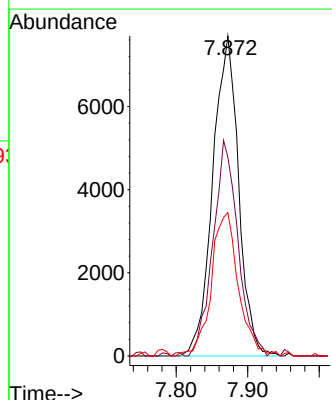
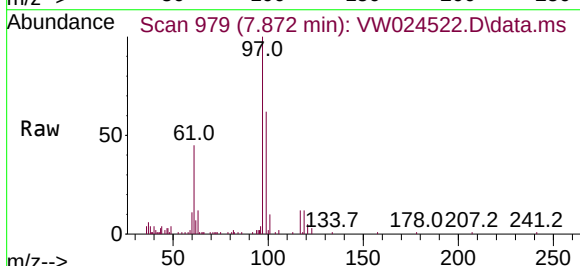
Tgt Ion: 97 Resp: 19311

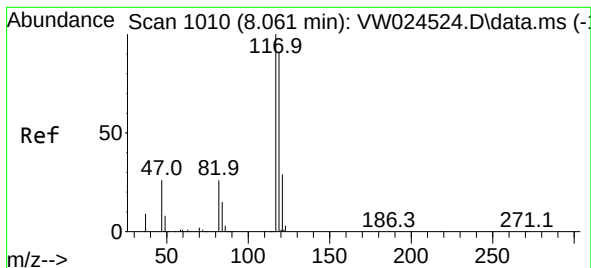
Ion Ratio Lower Upper

97 100

99 65.3 52.5 78.7

61 46.3 37.9 56.9

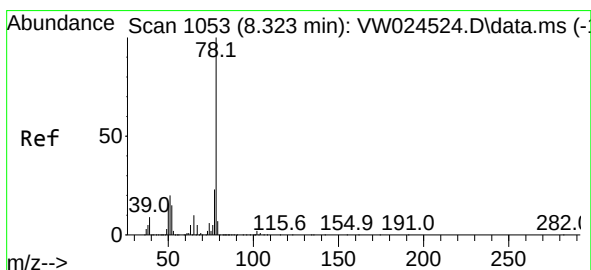
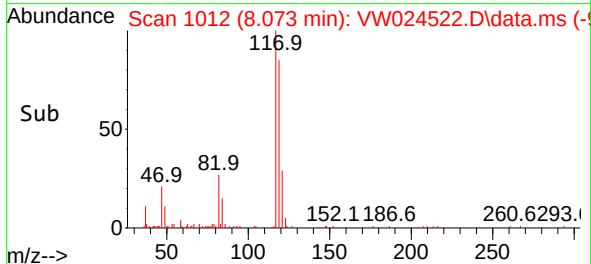
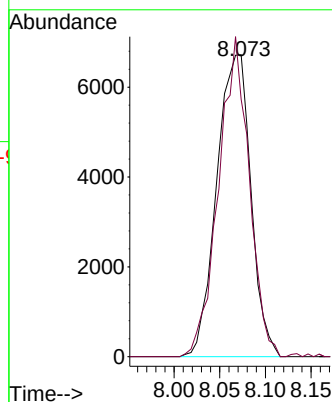
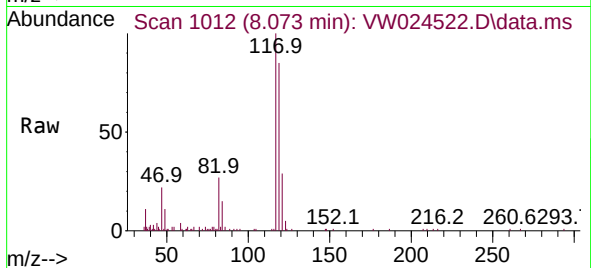




#31
Carbon tetrachloride
Concen: 2.752 ug/L
RT: 8.073 min Scan# 1010
Delta R.T. 0.012 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

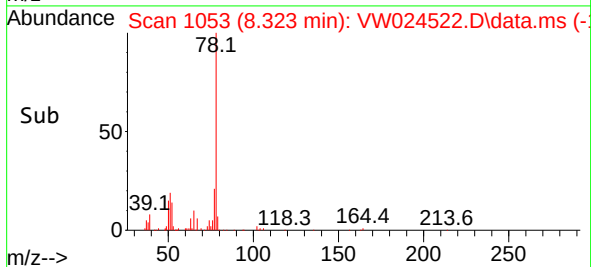
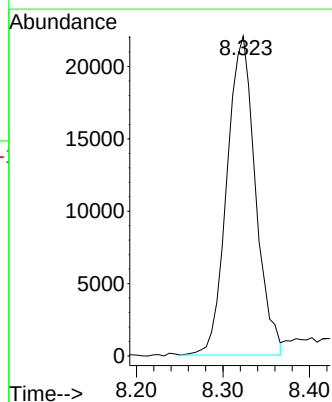
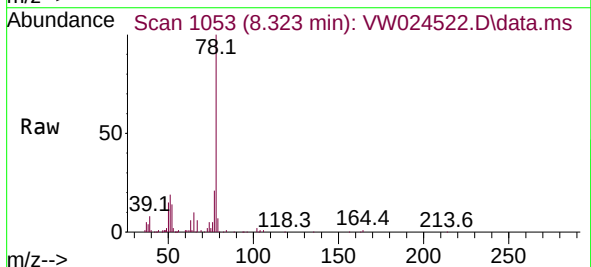
Instrument : MSVOA_W
ClientSampleId : VSTD2.5425

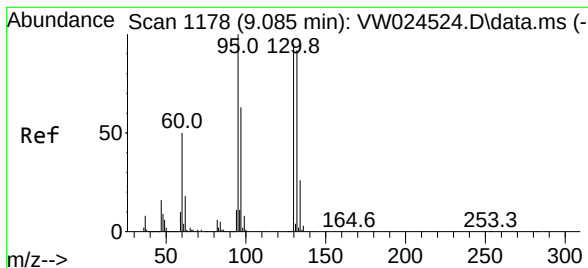
Tgt Ion:117 Resp: 17467
Ion Ratio Lower Upper
117 100
119 94.8 78.1 117.1



#33
Benzene
Concen: 2.738 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

Tgt Ion: 78 Resp: 50396





#34

Trichloroethene

Concen: 2.802 ug/L

RT: 9.085 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VW024522.D

Acq: 02 Sep 2022 09:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5425

Tgt Ion: 95 Resp: 13689

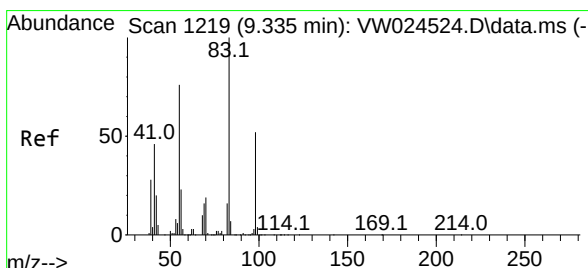
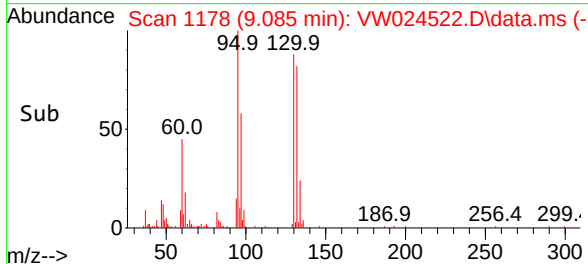
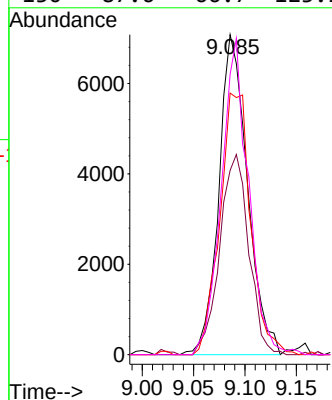
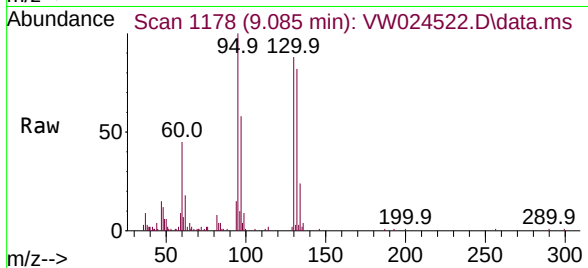
Ion Ratio Lower Upper

95 100

97 57.6 44.2 82.2

132 81.8 64.5 119.7

130 87.6 66.7 123.9



#35

Methylcyclohexane

Concen: 2.530 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024522.D

Acq: 02 Sep 2022 09:35

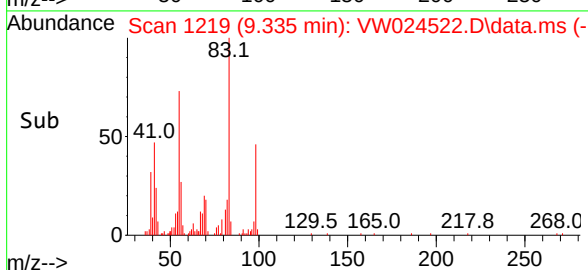
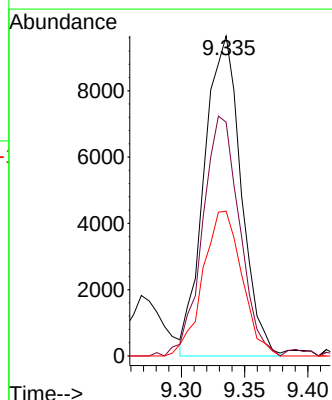
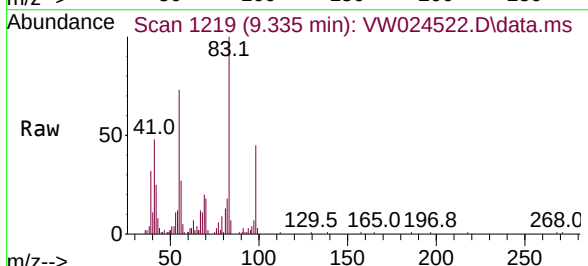
Tgt Ion: 83 Resp: 19555

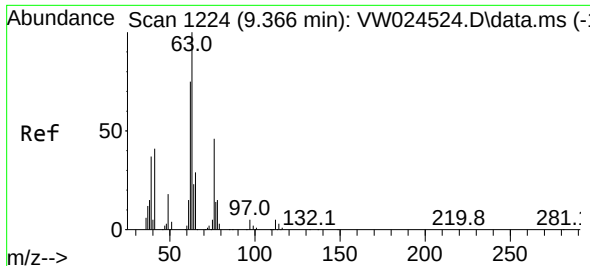
Ion Ratio Lower Upper

83 100

55 75.1 58.9 88.3

98 47.8 40.4 60.6





#37

1,2-Dichloropropane

Concen: 2.750 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW024522.D

Acq: 02 Sep 2022 09:35

Instrument :

MSVOA_W

ClientSampleId :

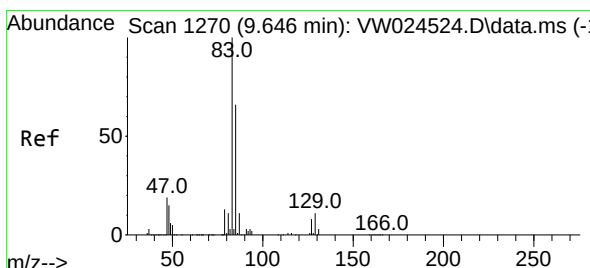
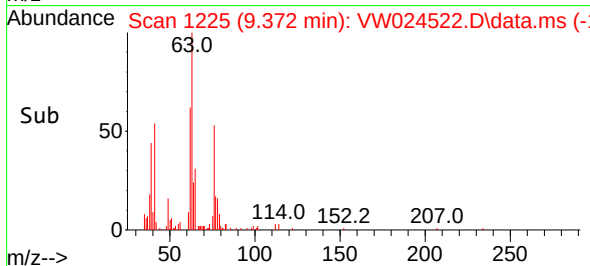
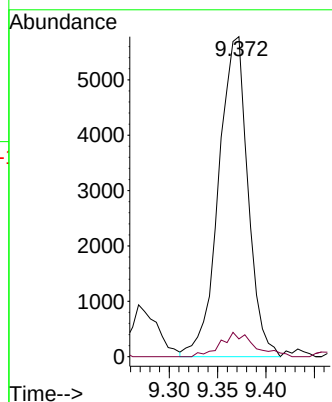
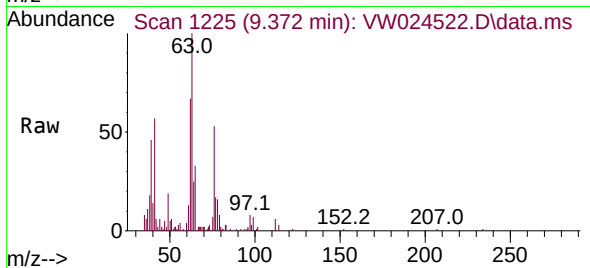
VSTD2.5425

Tgt Ion: 63 Resp: 12196

Ion Ratio Lower Upper

63 100

112 8.0 3.8 5.8#



#38

Bromodichloromethane

Concen: 2.577 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024522.D

Acq: 02 Sep 2022 09:35

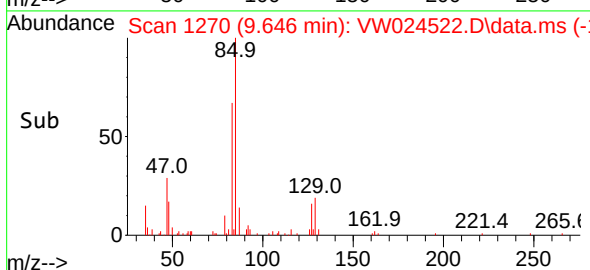
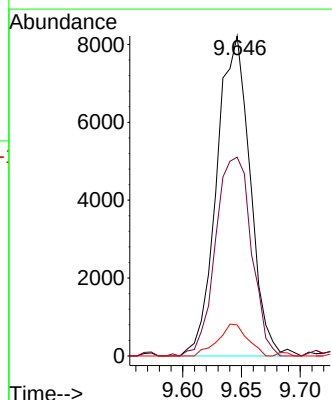
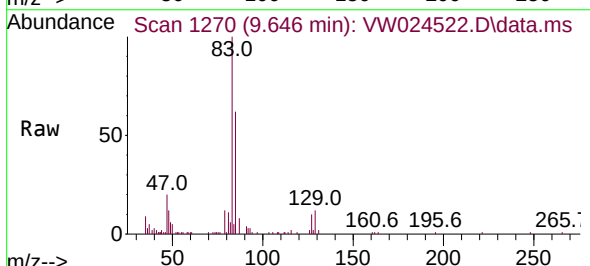
Tgt Ion: 83 Resp: 16156

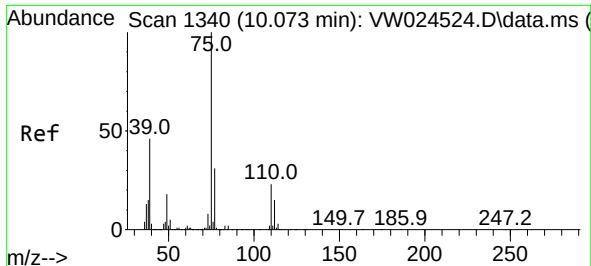
Ion Ratio Lower Upper

83 100

85 62.1 46.3 85.9

127 9.7 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 2.371 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024522.D

Acq: 02 Sep 2022 09:35

Instrument :

MSVOA_W

ClientSampleId :

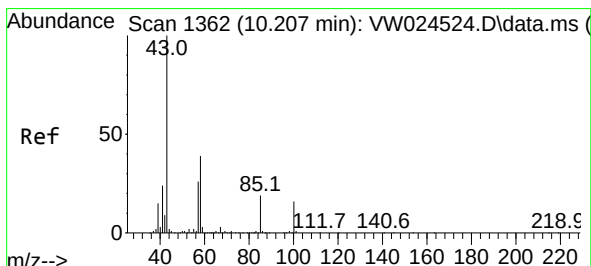
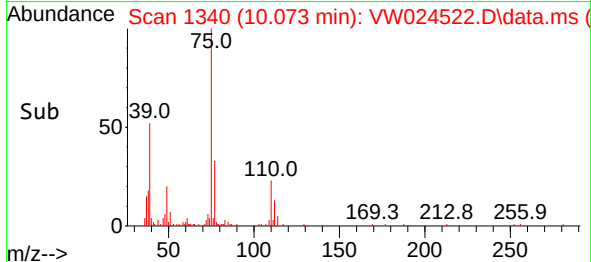
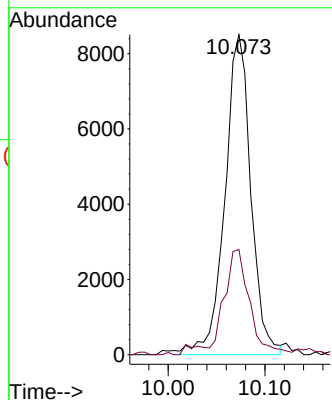
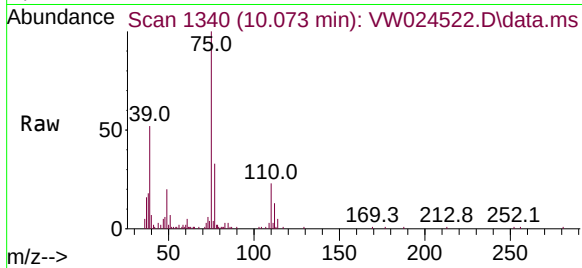
VSTD2.5425

Tgt Ion: 75 Resp: 15833

Ion Ratio Lower Upper

75 100

77 32.9 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 4.931 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024522.D

Acq: 02 Sep 2022 09:35

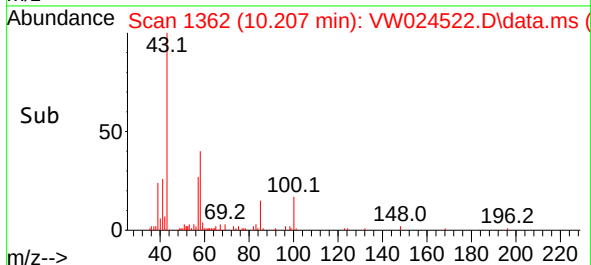
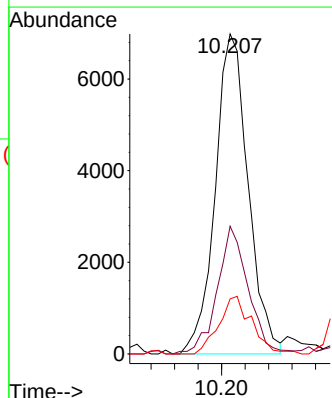
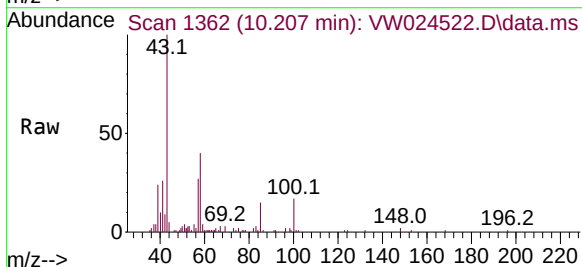
Tgt Ion: 43 Resp: 13600

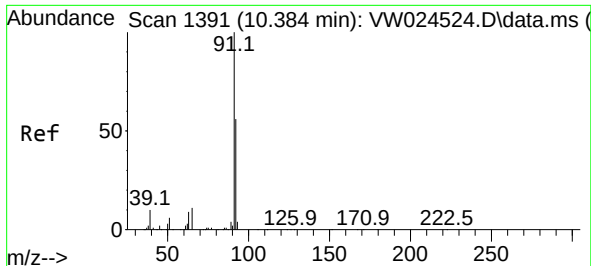
Ion Ratio Lower Upper

43 100

58 37.5 31.8 47.8

100 17.7 13.5 20.3

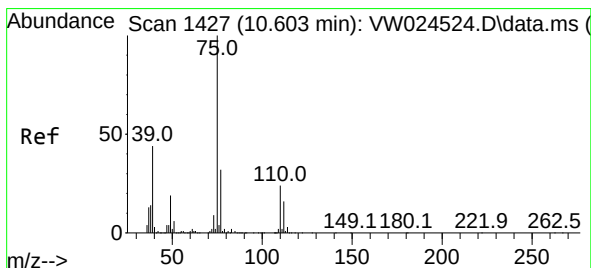
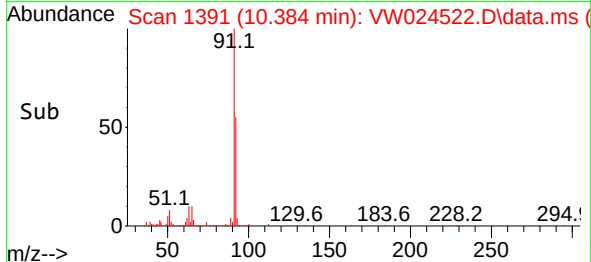
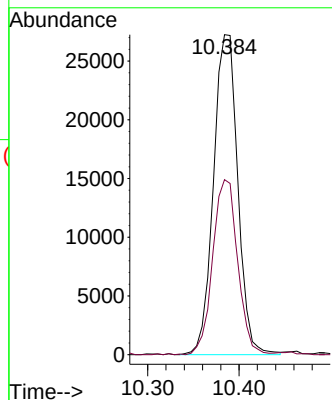
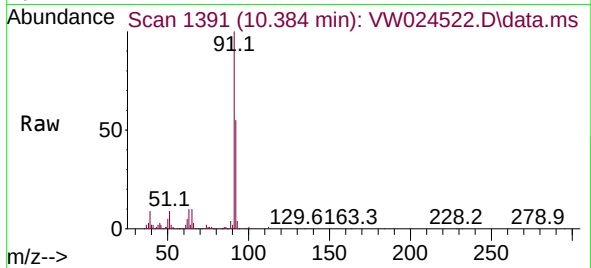




#42
Toluene
Concen: 2.512 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

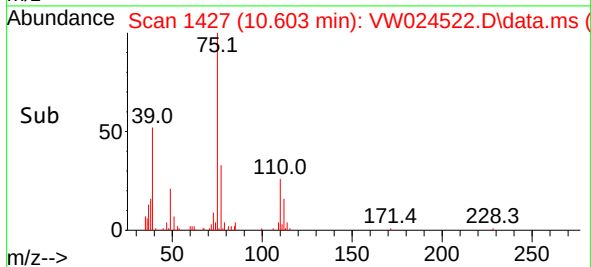
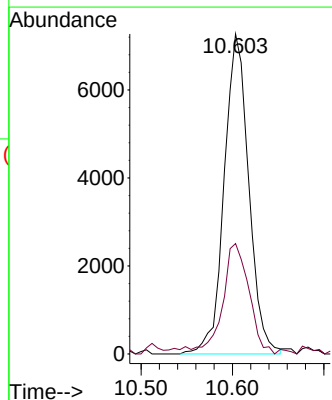
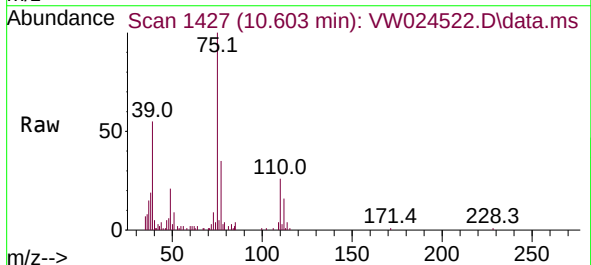
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5425

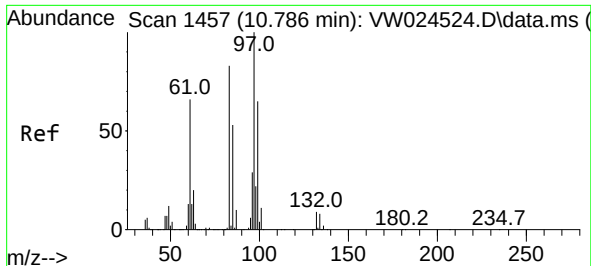
Tgt Ion: 91 Resp: 50347
Ion Ratio Lower Upper
91 100
92 54.7 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 2.270 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

Tgt Ion: 75 Resp: 13593
Ion Ratio Lower Upper
75 100
77 34.5 22.3 41.5



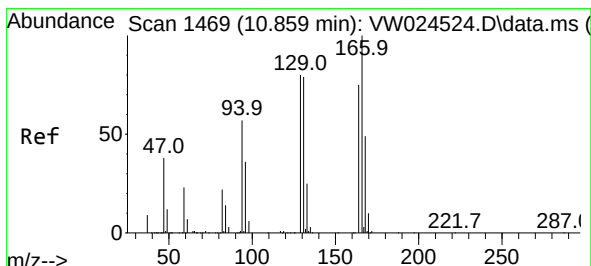
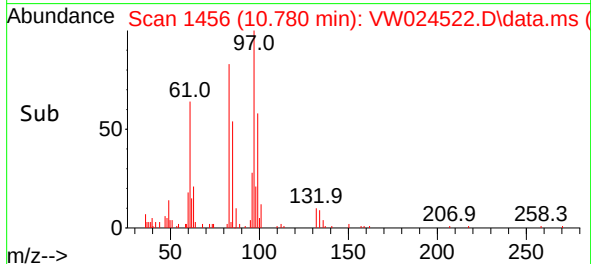
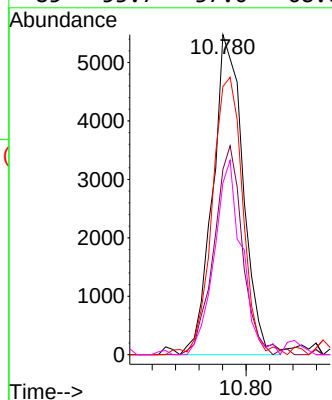
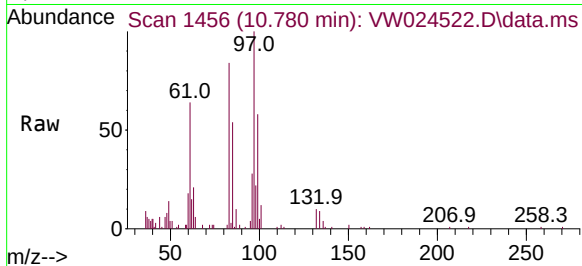


#45
1,1,2-Trichloroethane
Concen: 2.655 ug/L
RT: 10.780 min Scan# 1456
Delta R.T. -0.006 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5425

Tgt Ion: 97 Resp: 9829

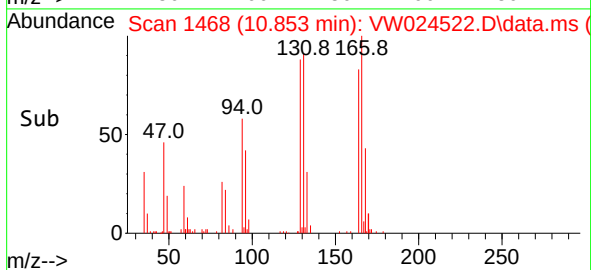
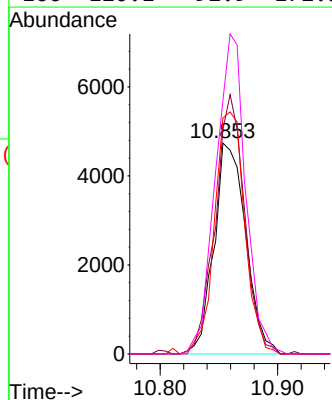
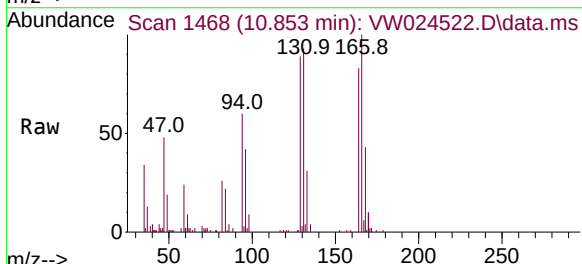
Ion	Ratio	Lower	Upper
97	100		
99	57.9	45.7	84.9
83	83.8	58.5	108.7
85	53.7	37.0	68.6

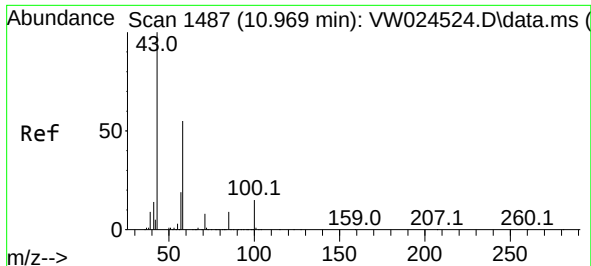


#46
Tetrachloroethene
Concen: 2.501 ug/L
RT: 10.853 min Scan# 1468
Delta R.T. -0.006 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

Tgt Ion: 164 Resp: 8928

Ion	Ratio	Lower	Upper
164	100		
129	106.5	74.9	139.1
131	111.8	73.6	136.6
166	120.1	92.9	172.5

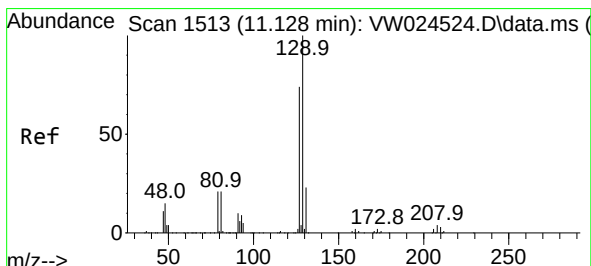
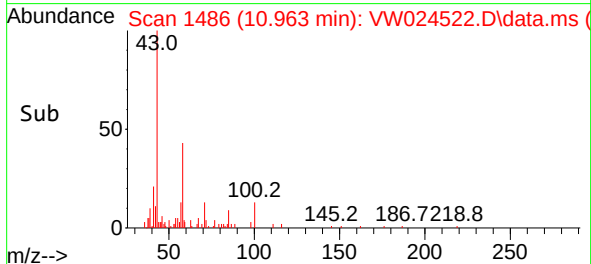
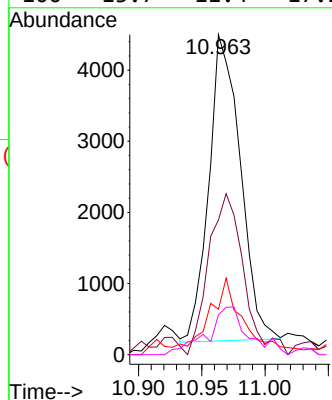
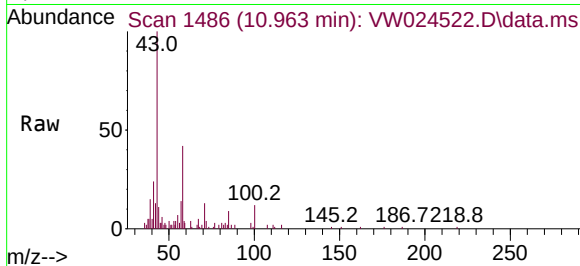




#48
2-Hexanone
Concen: 4.145 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

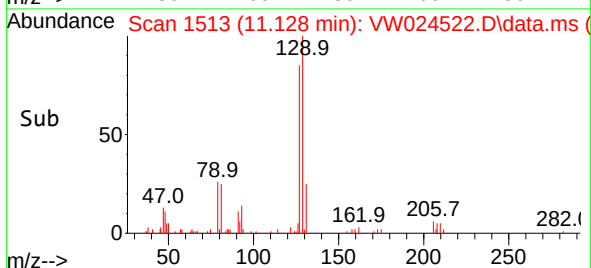
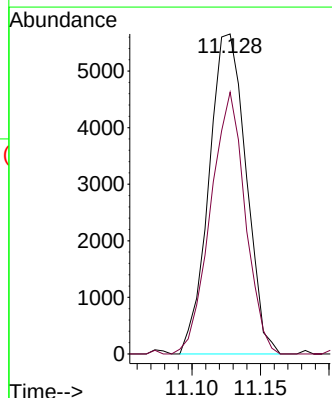
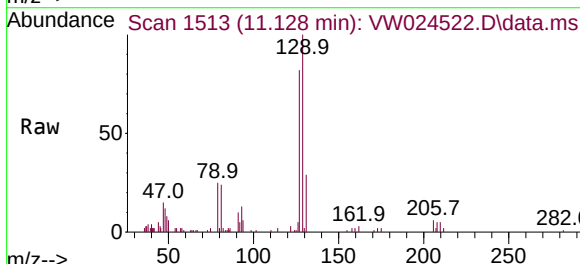
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5425

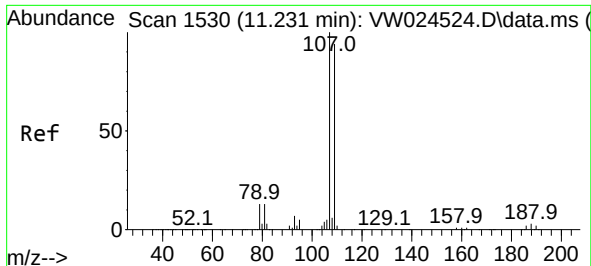
Tgt Ion: 43	Resp: 7449
Ion Ratio	Lower Upper
43 100	
58 56.2	44.2 66.2
57 18.2	15.5 23.3
100 13.7	11.4 17.2



#49
Dibromochloromethane
Concen: 2.450 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

Tgt Ion:129	Resp:	10658	
Ion	Ratio	Lower	Upper
129	100		
127	81.8	51.7	96.1

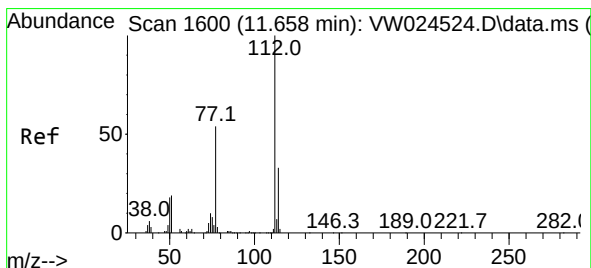
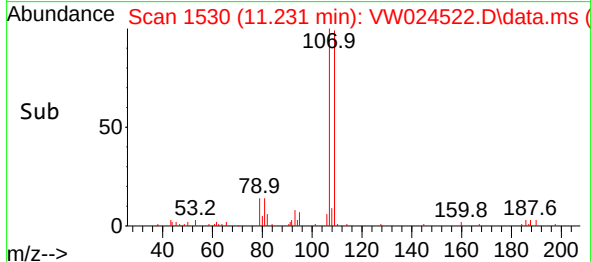
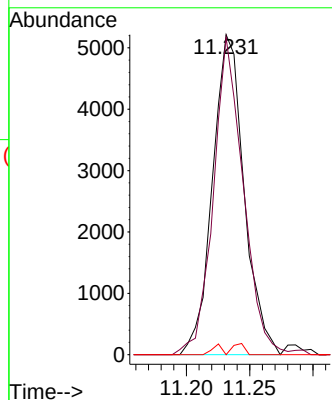
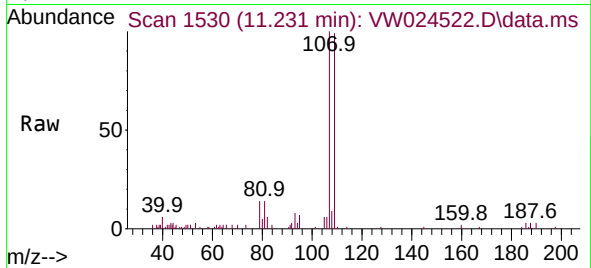




#50
1,2-Dibromoethane
Concen: 2.581 ug/L
RT: 11.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

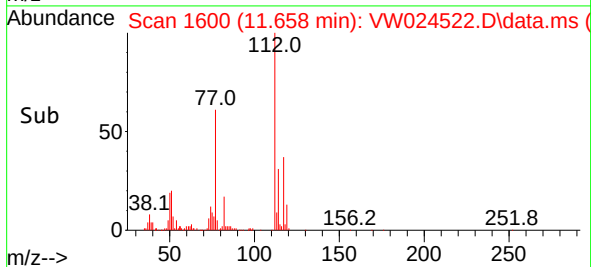
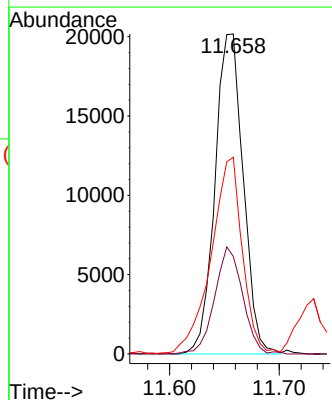
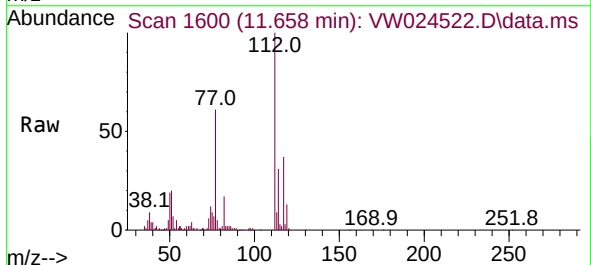
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5425

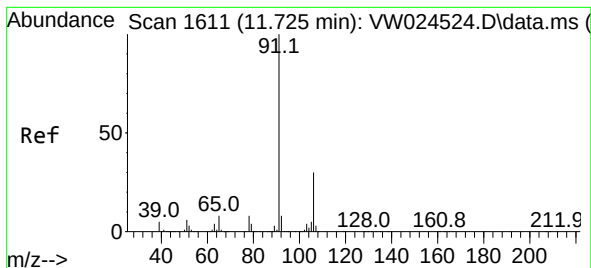
Tgt Ion:107 Resp: 9050
Ion Ratio Lower Upper
107 100
109 99.1 65.9 122.5
188 0.0 2.5 3.7#



#51
Chlorobenzene
Concen: 2.657 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

Tgt Ion:112 Resp: 36140
Ion Ratio Lower Upper
112 100
114 30.5 22.9 42.5
77 61.5 43.5 65.3

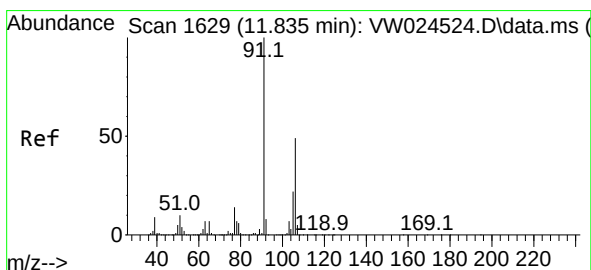
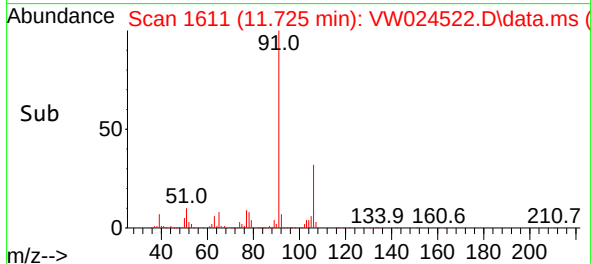
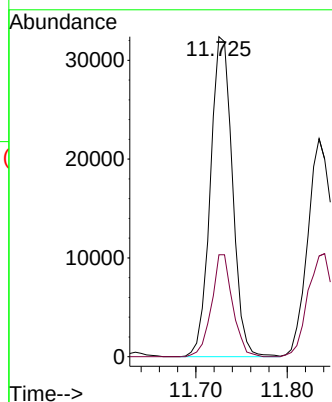
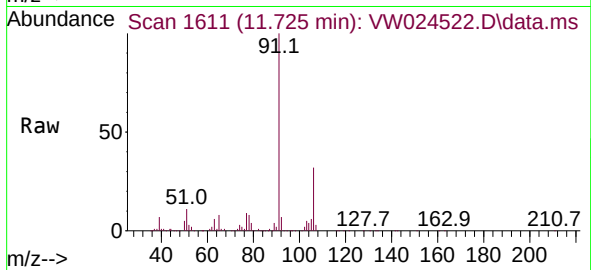




#52
Ethylbenzene
Concen: 2.429 ug/L
RT: 11.725 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

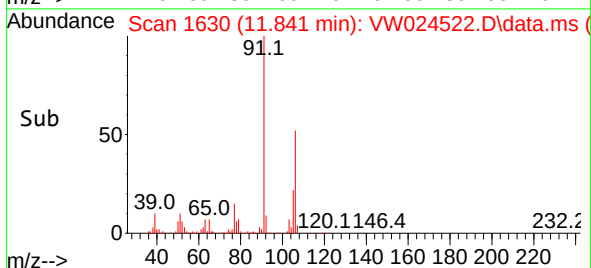
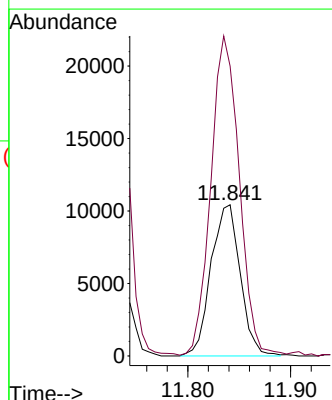
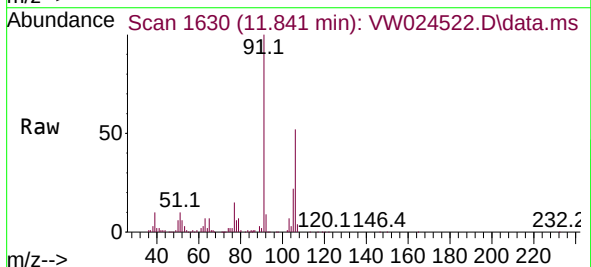
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5425

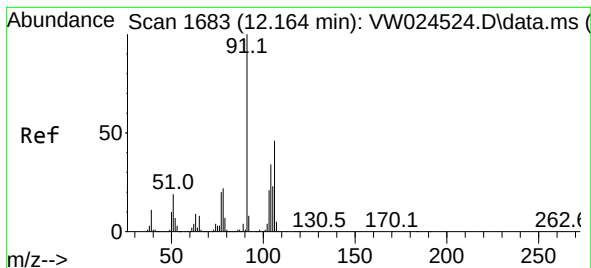
Tgt Ion: 91 Resp: 54491
Ion Ratio Lower Upper
91 100
106 31.8 21.1 39.1



#53
m,p-Xylene
Concen: 2.347 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

Tgt Ion: 106 Resp: 20587
Ion Ratio Lower Upper
106 100
91 191.6 141.7 263.3





#54

o-Xylene

Concen: 2.324 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024522.D

Acq: 02 Sep 2022 09:35

Instrument :

MSVOA_W

ClientSampleId :

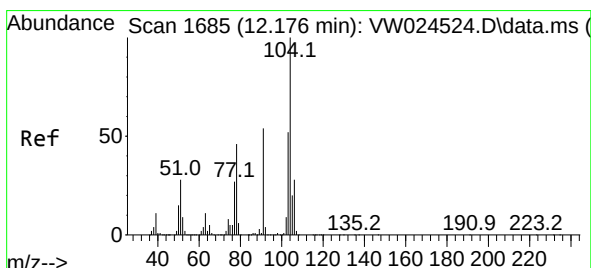
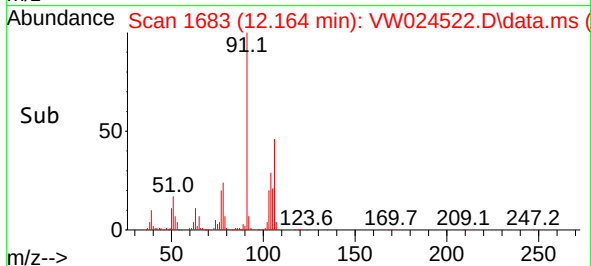
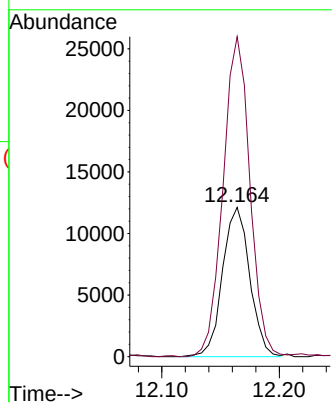
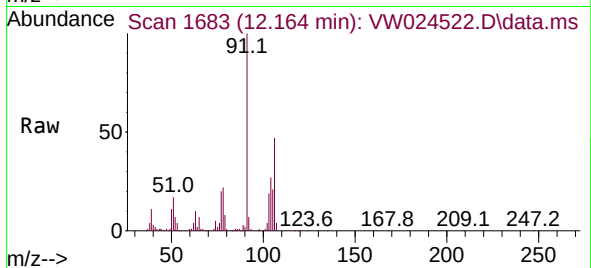
VSTD2.5425

Tgt Ion:106 Resp: 19514

Ion Ratio Lower Upper

106 100

91 214.3 153.4 284.8



#55

Styrene

Concen: 2.181 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024522.D

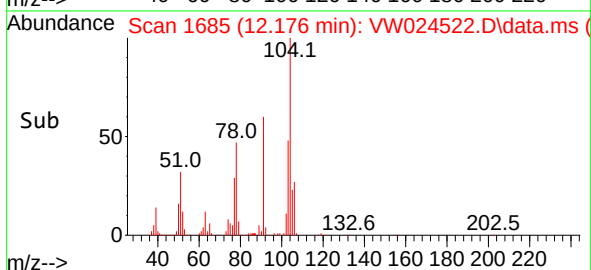
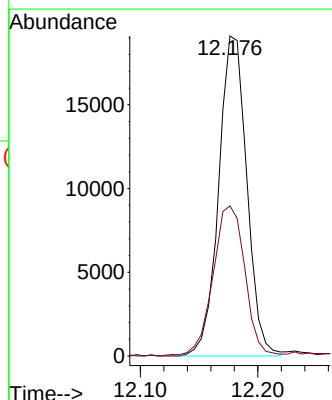
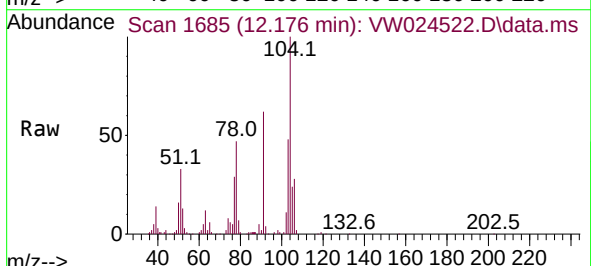
Acq: 02 Sep 2022 09:35

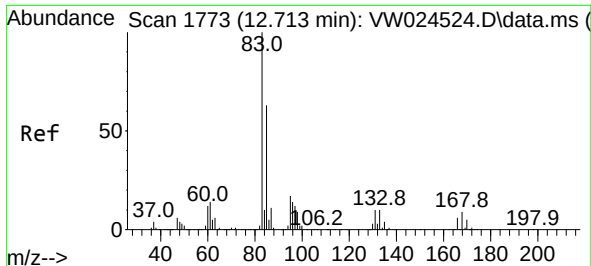
Tgt Ion:104 Resp: 31816

Ion Ratio Lower Upper

104 100

78 46.9 31.9 59.2





#57

1,1,2-Tetrachloroethane

Concen: 2.650 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024522.D

Acq: 02 Sep 2022 09:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5425

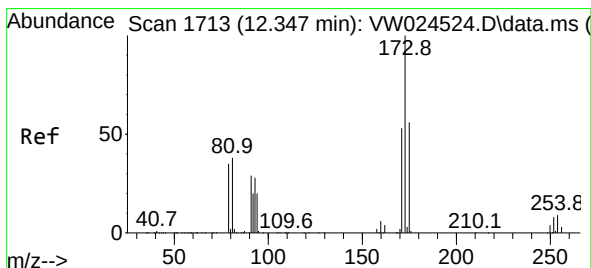
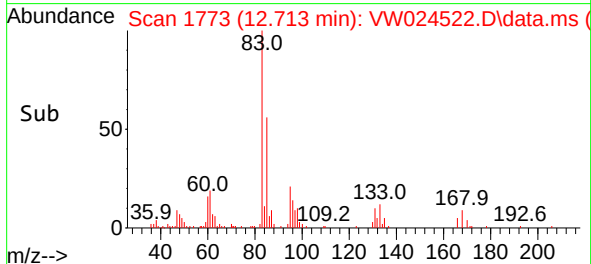
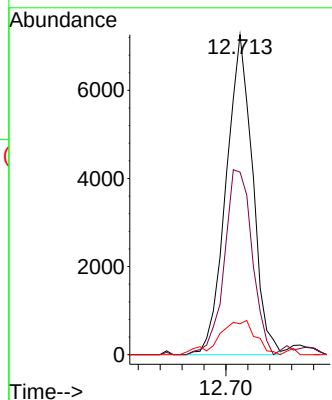
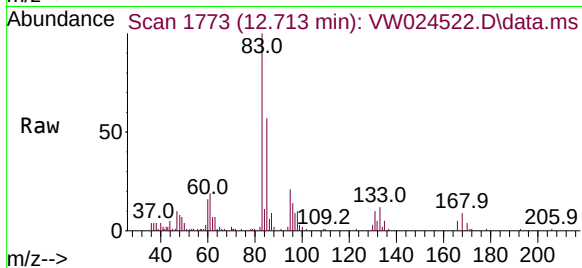
Tgt Ion: 83 Resp: 12141

Ion Ratio Lower Upper

83 100

85 57.1 43.9 81.5

131 9.7 7.9 11.9



#59

Bromoform

Concen: 2.440 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024522.D

Acq: 02 Sep 2022 09:35

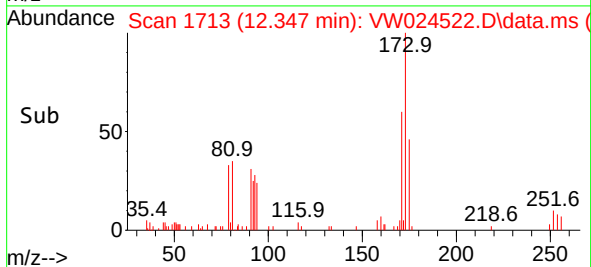
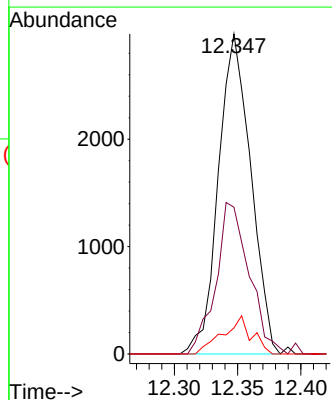
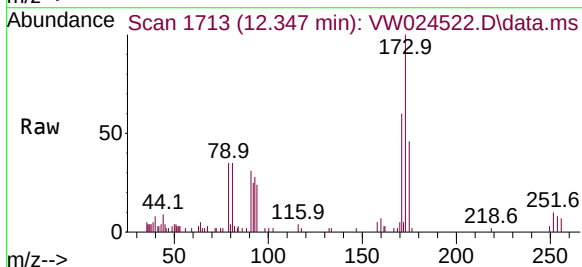
Tgt Ion: 173 Resp: 5304

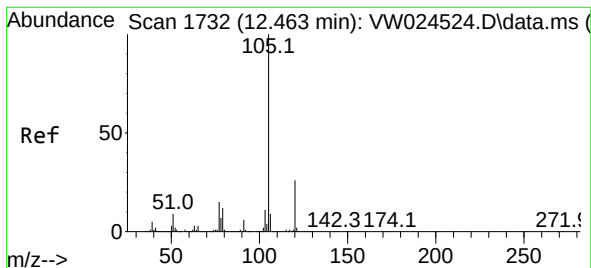
Ion Ratio Lower Upper

173 100

175 48.6 39.0 58.6

254 10.6 6.2 9.4#





#60

Isopropylbenzene

Concen: 2.405 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024522.D

Acq: 02 Sep 2022 09:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5425

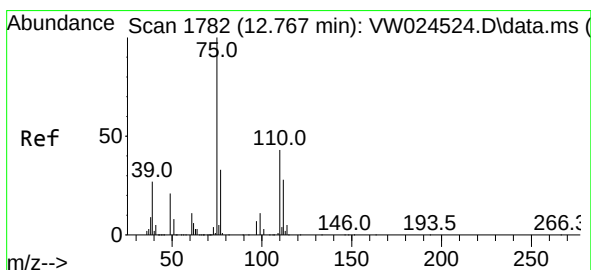
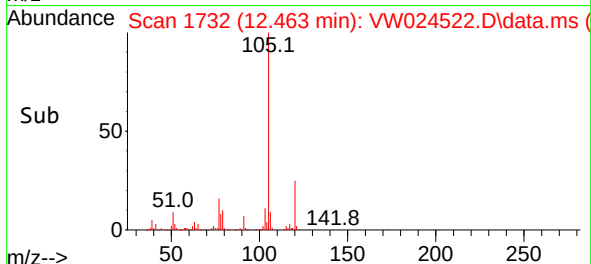
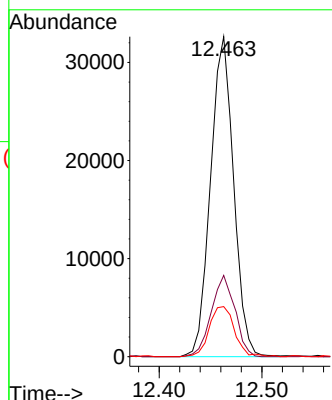
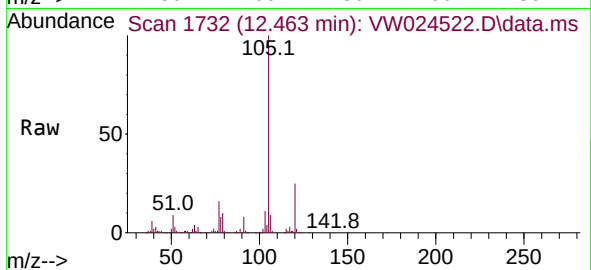
Tgt Ion:105 Resp: 50907

Ion Ratio Lower Upper

105 100

120 26.0 21.5 32.3

77 16.7 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 2.748 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024522.D

Acq: 02 Sep 2022 09:35

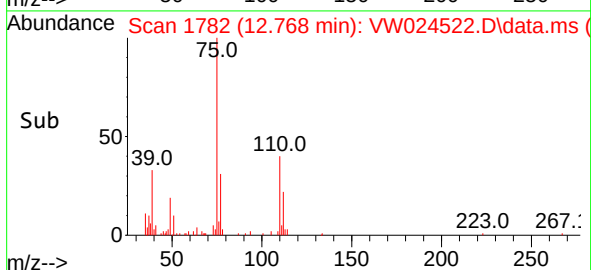
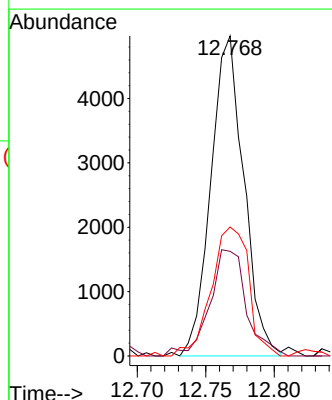
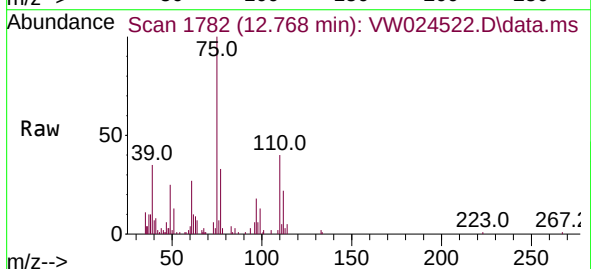
Tgt Ion: 75 Resp: 8307

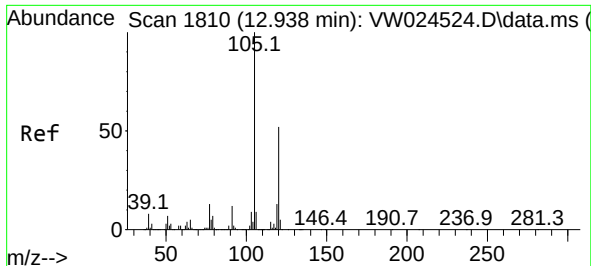
Ion Ratio Lower Upper

75 100

77 35.6 25.2 37.8

110 45.8 33.5 50.3

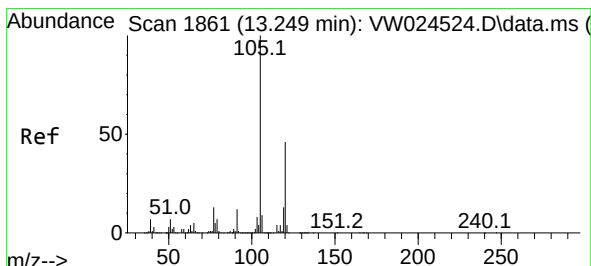
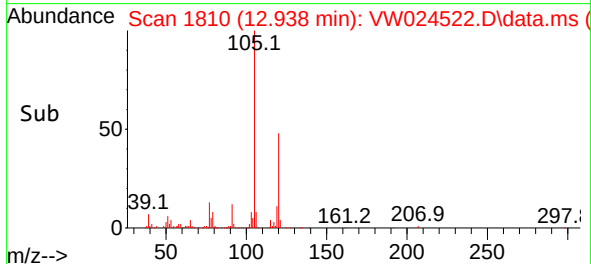
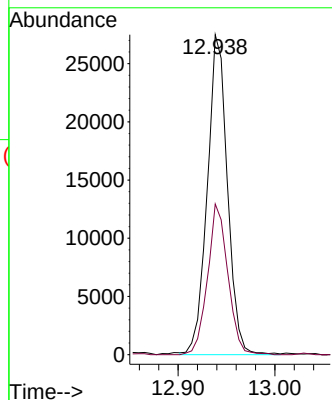
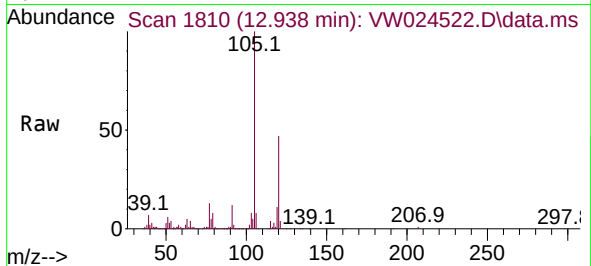




#62
 1,3,5-Trimethylbenzene
 Concen: 2.284 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW024522.D
 Acq: 02 Sep 2022 09:35

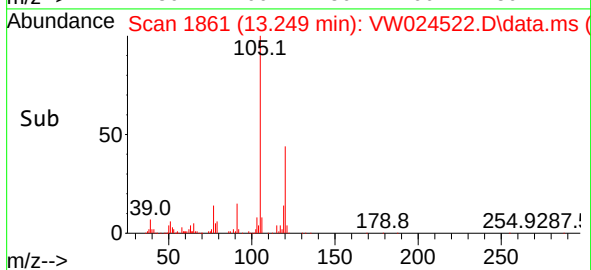
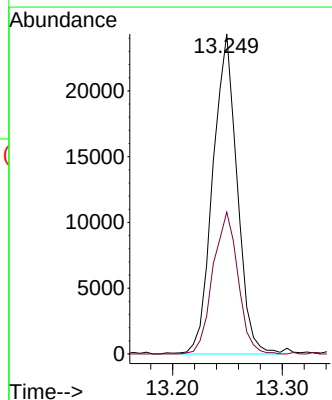
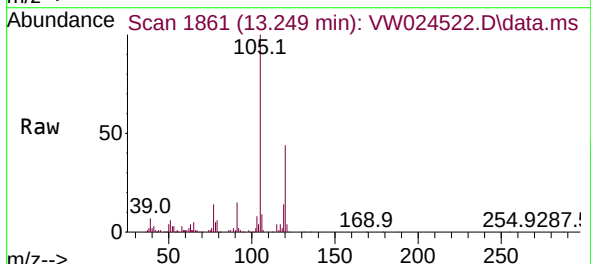
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5425

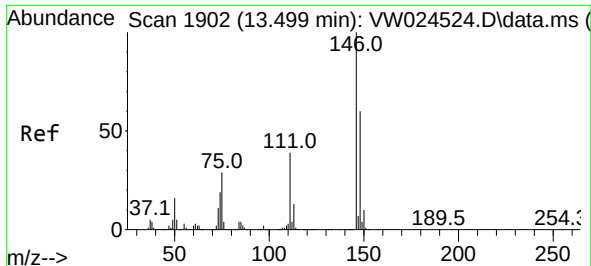
Tgt Ion:105 Resp: 39882
 Ion Ratio Lower Upper
 105 100
 120 47.3 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 2.190 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW024522.D
 Acq: 02 Sep 2022 09:35

Tgt Ion:105 Resp: 37421
 Ion Ratio Lower Upper
 105 100
 120 45.7 37.0 55.4

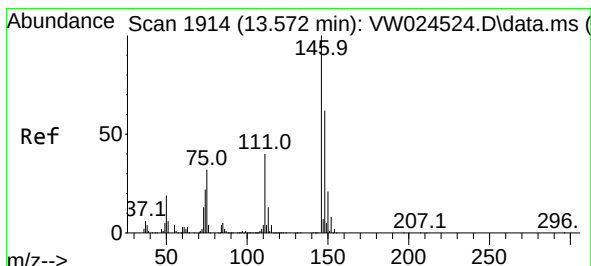
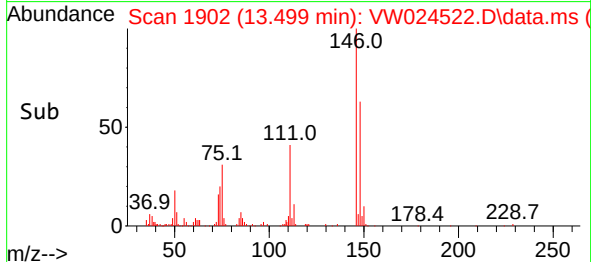
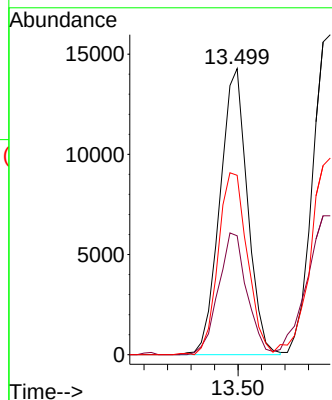
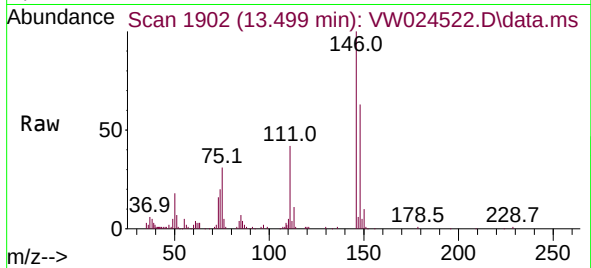




#64
1,3-Dichlorobenzene
Concen: 2.472 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

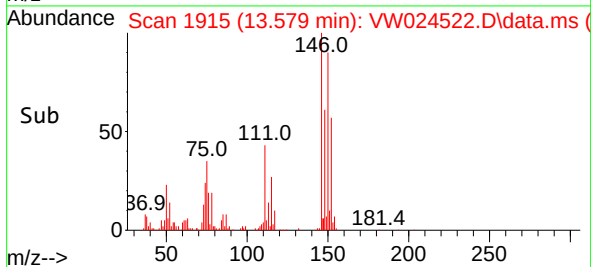
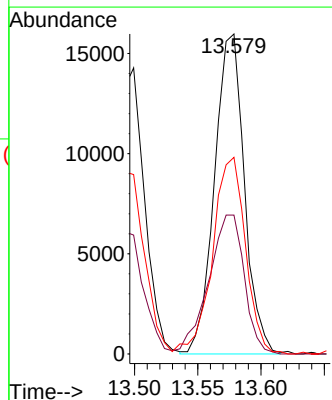
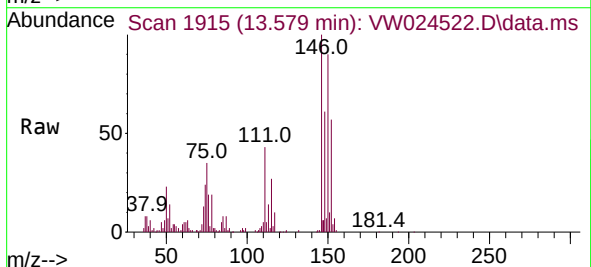
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5425

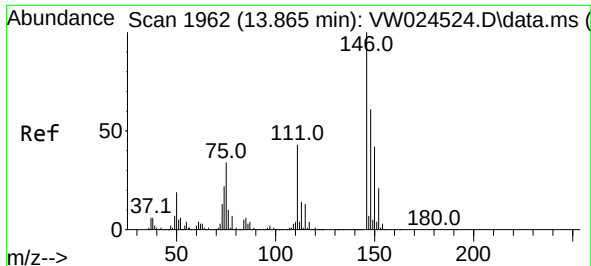
Tgt Ion:146 Resp: 23310
Ion Ratio Lower Upper
146 100
111 41.5 27.6 51.4
148 62.7 42.3 78.5



#65
1,4-Dichlorobenzene
Concen: 2.718 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024522.D
Acq: 02 Sep 2022 09:35

Tgt Ion:146 Resp: 26249
Ion Ratio Lower Upper
146 100
111 43.4 28.2 52.4
148 61.5 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 2.469 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024522.D

Acq: 02 Sep 2022 09:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5425

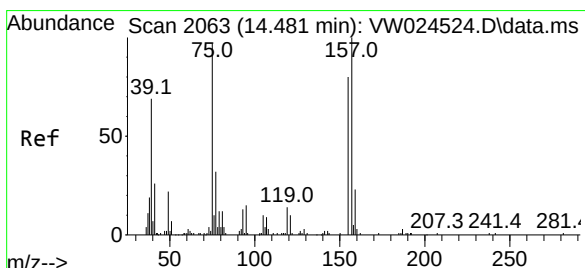
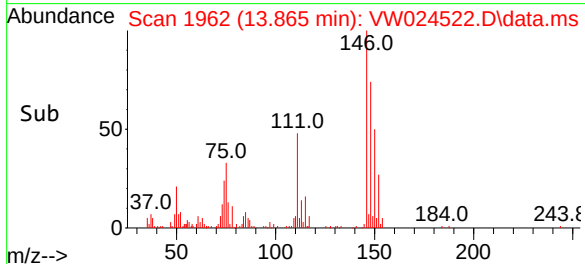
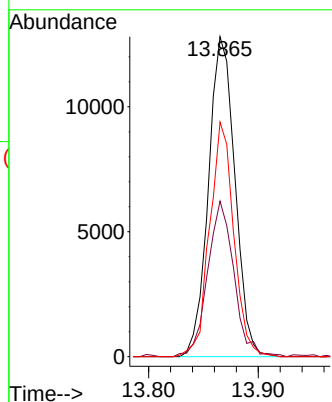
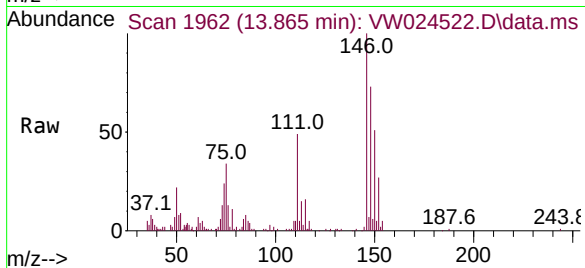
Tgt Ion:146 Resp: 21493

Ion Ratio Lower Upper

146 100

111 48.6 34.1 51.1

148 73.3 48.9 73.3



#68

1,2-Dibromo-3-chloropropane

Concen: 3.040 ug/L

RT: 14.475 min Scan# 2062

Delta R.T. -0.006 min

Lab File: VW024522.D

Acq: 02 Sep 2022 09:35

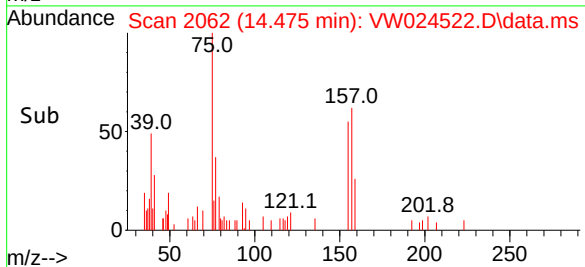
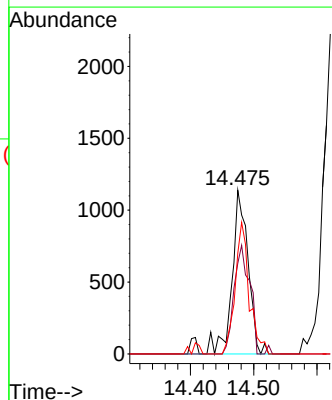
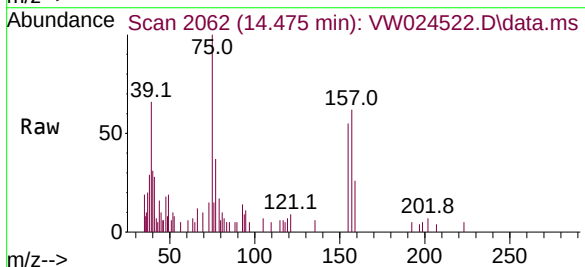
Tgt Ion: 75 Resp: 2080

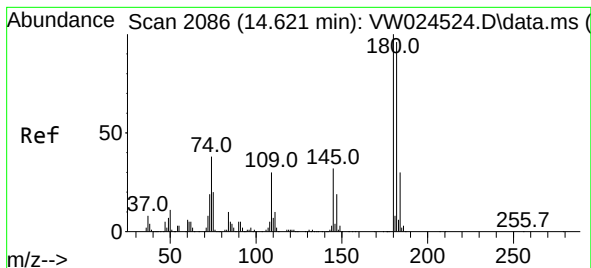
Ion Ratio Lower Upper

75 100

155 55.4 65.8 98.8#

157 61.5 82.2 123.4#





#69

1,3,5-Trichlorobenzene

Concen: 2.515 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW024522.D

Acq: 02 Sep 2022 09:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5425

Tgt Ion:180 Resp: 15242

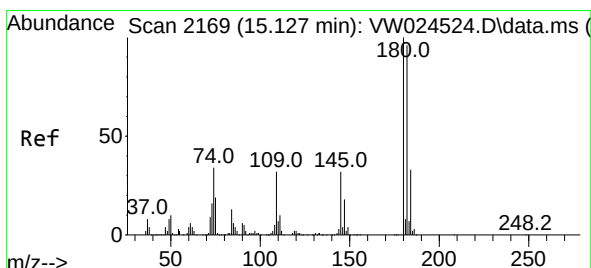
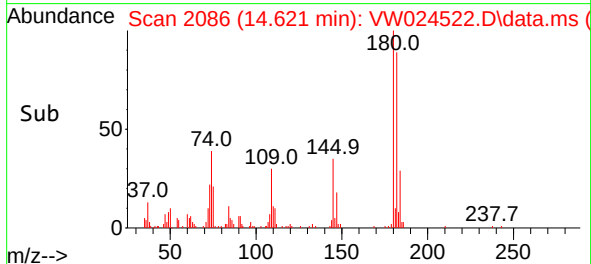
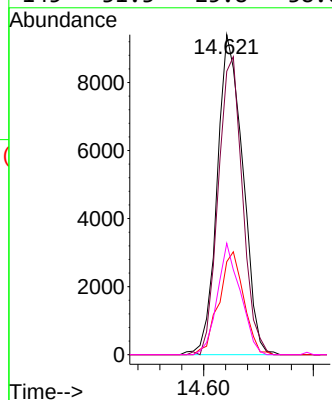
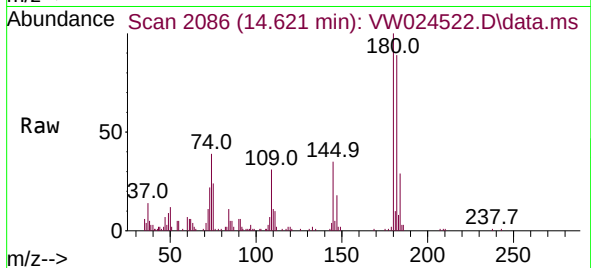
Ion Ratio Lower Upper

180 100

182 87.7 75.0 112.4

184 31.2 23.7 35.5

145 31.3 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 2.206 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024522.D

Acq: 02 Sep 2022 09:35

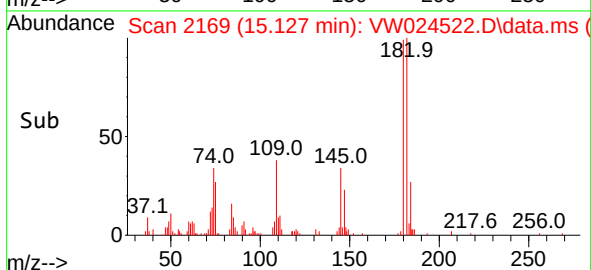
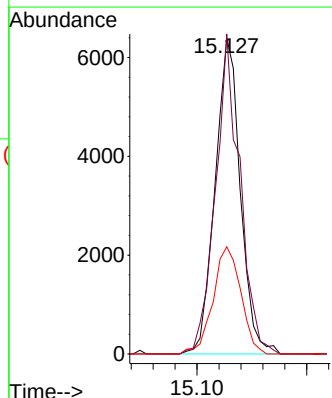
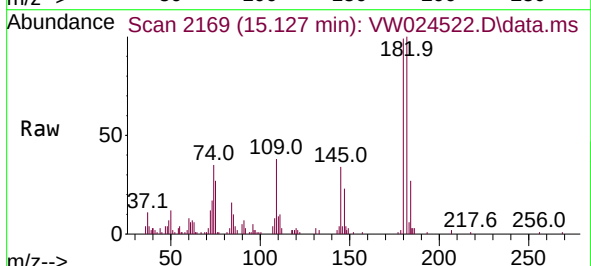
Tgt Ion:180 Resp: 10224

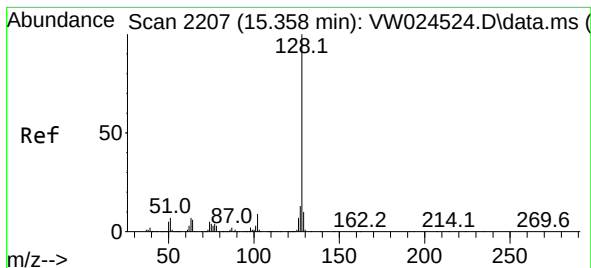
Ion Ratio Lower Upper

180 100

182 97.8 76.2 114.2

145 37.3 26.6 40.0





#71

Naphthalene

Concen: 2.012 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW024522.D

Acq: 02 Sep 2022 09:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5425

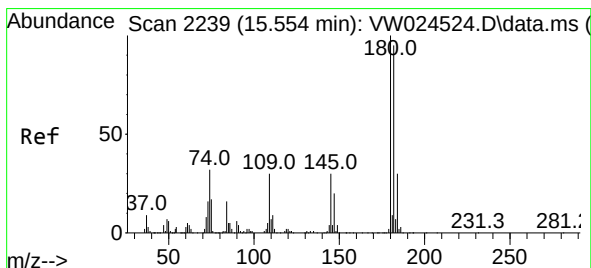
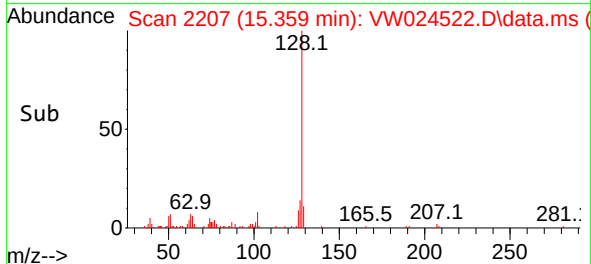
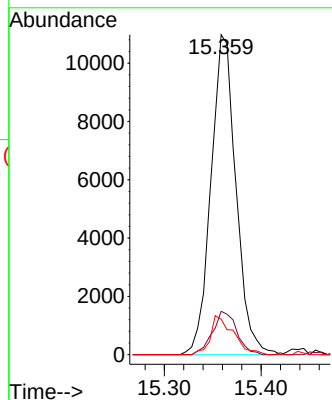
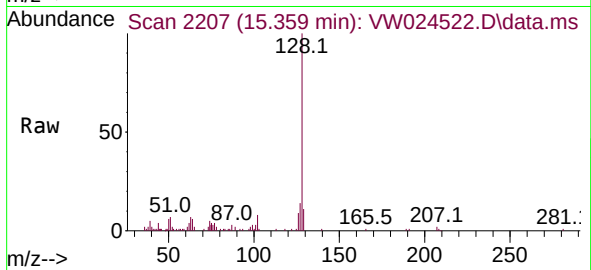
Tgt Ion:128 Resp: 19717

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 11.2 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 2.302 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW024522.D

Acq: 02 Sep 2022 09:35

Tgt Ion:180 Resp: 9624

Ion Ratio Lower Upper

180 100

182 99.5 78.5 117.7

145 37.8 28.3 42.5

