

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090222\
 Data File : VW024524.D
 Acq On : 02 Sep 2022 10:23
 Operator : SY/VA
 Sample : VSTD02527
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025427

Quant Time: Sep 02 23:33:29 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	8.841	114	344857	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	344110	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	181436	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	183965	26.728	ug/L	0.00
7) Chloroethane-d5	2.873	69	135531	26.447	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	204236	25.195	ug/L	0.00
21) 2-Butanone-d5	7.073	46	56035	50.947	ug/L	0.00
24) Chloroform-d	7.646	84	227515	24.776	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	125561	25.319	ug/L	0.00
32) Benzene-d6	8.274	84	449155	25.022	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	126806	24.143	ug/L	0.00
41) Toluene-d8	10.323	98	444951	26.029	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	58420	25.497	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	48439	53.840	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	120854	25.310	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	147014	24.769	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	23524	24.983	ug/L	100
3) Chloromethane	2.215	50	123927	25.808	ug/L	100
5) Vinyl chloride	2.355	62	215391	25.366	ug/L	100
6) Bromomethane	2.769	94	146044	25.262	ug/L	100
8) Chloroethane	2.910	64	115159	25.549	ug/L	100
9) Trichlorofluoromethane	3.239	101	76374	23.749	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	118989	24.677	ug/L	100
12) 1,1-Dichloroethene	4.031	96	103433	24.333	ug/L	100
13) Acetone	4.123	43	43390	51.368	ug/L	100
14) Carbon disulfide	4.379	76	282186	24.103	ug/L	100
15) Methyl Acetate	4.671	43	53072	27.635	ug/L	100
16) Methylene chloride	4.909	84	117177	24.003	ug/L	100
17) trans-1,2-Dichloroethene	5.415	96	120644	25.542	ug/L	100
18) Methyl tert-butyl Ether	5.421	73	224071	27.386	ug/L	100
19) 1,1-Dichloroethane	6.208	63	215376	25.179	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	131884	25.650	ug/L	100
22) 2-Butanone	7.177	43	73139	53.313	ug/L	100
23) Bromochloromethane	7.512	128	60124	25.204	ug/L	100
25) Chloroform	7.677	83	239601	25.513	ug/L	100
27) 1,2-Dichloroethane	8.396	62	162071	26.273	ug/L	100
29) Cyclohexane	7.951	56	184325	25.799	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	191042	24.544	ug/L	100
31) Carbon tetrachloride	8.061	117	172377	24.424	ug/L	100
33) Benzene	8.323	78	521894	25.505	ug/L	100
34) Trichloroethene	9.085	95	134220	24.711	ug/L	100
35) Methylcyclohexane	9.335	83	219173	25.500	ug/L	100
37) 1,2-Dichloropropane	9.366	63	128029	25.965	ug/L	100
38) Bromodichloromethane	9.646	83	180123	25.842	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	199724	26.904	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	171190	55.826	ug/L	100
42) Toluene	10.384	91	592414	26.587	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	183380	27.538	ug/L	100

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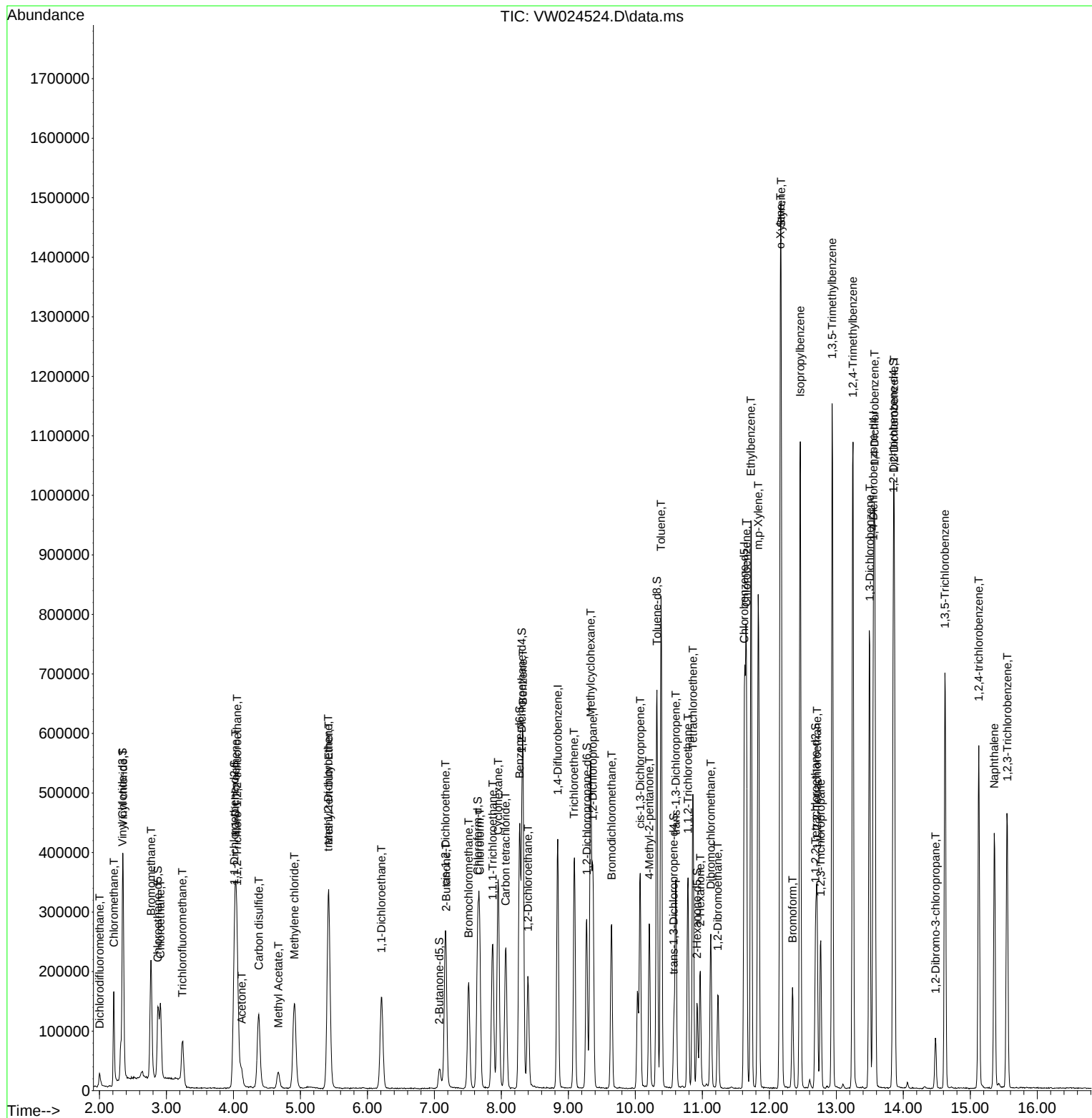
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	106888	25.963	ug/L	100
46) Tetrachloroethene	10.859	164	101745	25.633	ug/L	100
48) 2-Hexanone	10.969	43	121604	60.859	ug/L	100
49) Dibromochloromethane	11.128	129	128708	26.607	ug/L	100
50) 1,2-Dibromoethane	11.231	107	102365	26.255	ug/L	100
51) Chlorobenzene	11.658	112	386208	25.541	ug/L	100
52) Ethylbenzene	11.725	91	668684	26.808	ug/L	100
53) m,p-Xylene	11.835	106	262253	26.886	ug/L	100
54) o-Xylene	12.164	106	252911	27.085	ug/L	100
55) Styrene	12.176	104	457524	28.207	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	137929	27.073	ug/L	100
59) Bromoform	12.347	173	70625	26.811	ug/L	100
60) Isopropylbenzene	12.463	105	695181	27.104	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	97654	26.662	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	588821	27.829	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	579451	27.982	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	311368	27.253	ug/L	100
65) 1,4-Dichlorobenzene	13.572	146	308594	26.365	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	290232	27.516	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	20404	24.612	ug/L	100
69) 1,3,5-Trichlorobenzene	14.621	180	202007	27.503	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	159622	28.420	ug/L	100
71) Naphthalene	15.358	128	358379	30.181	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	139951	27.629	ug/L	100

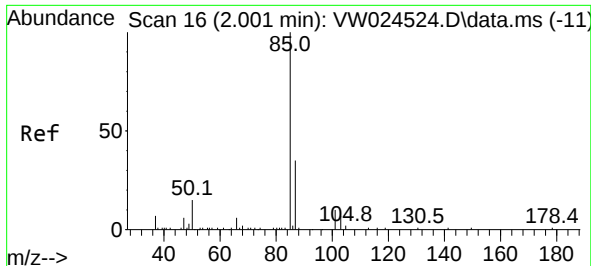
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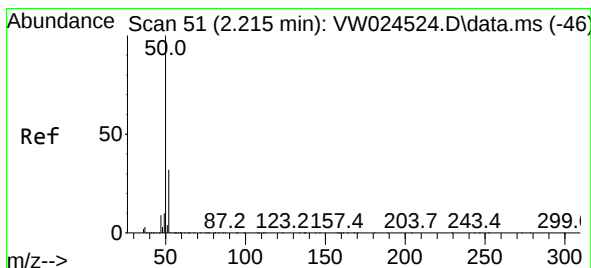
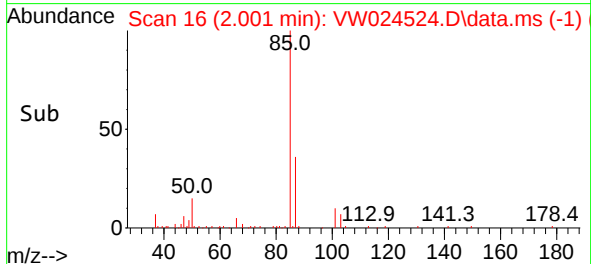
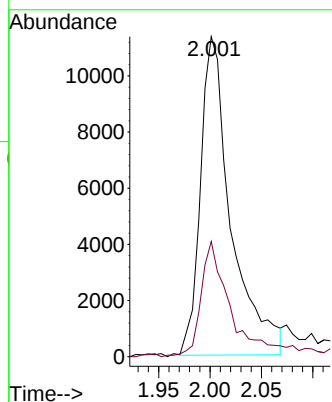
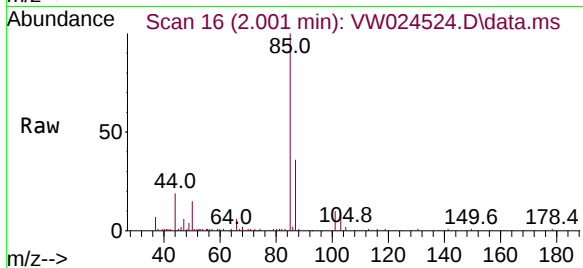




#2
 Dichlorodifluoromethane
 Concen: 24.983 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024524.D
 Acq: 02 Sep 2022 10:23

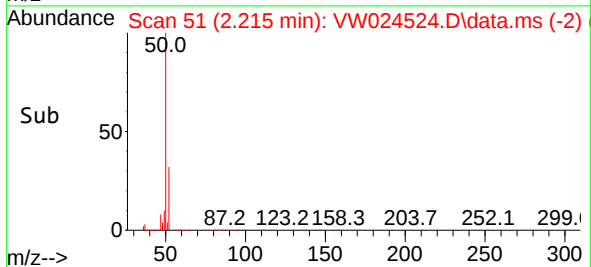
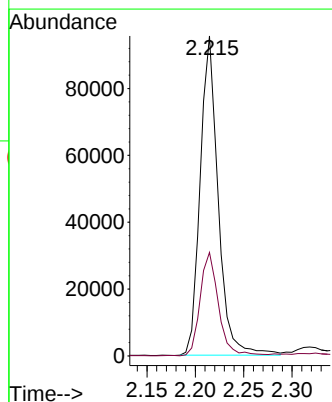
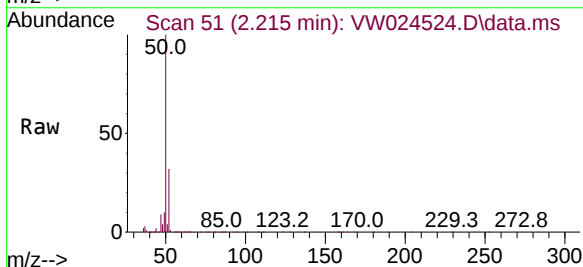
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025427

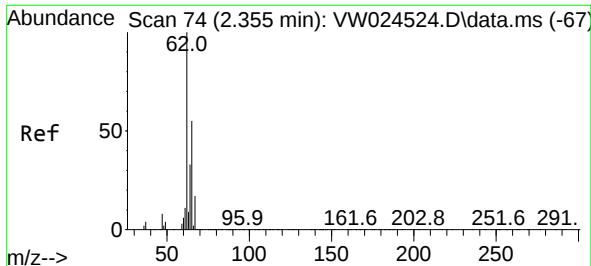
Tgt Ion: 85 Resp: 23524
 Ion Ratio Lower Upper
 85 100
 87 31.3 25.0 37.6



#3
 Chloromethane
 Concen: 25.808 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW024524.D
 Acq: 02 Sep 2022 10:23

Tgt Ion: 50 Resp: 123927
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.7 42.1

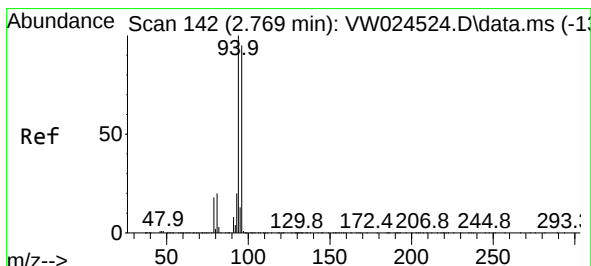
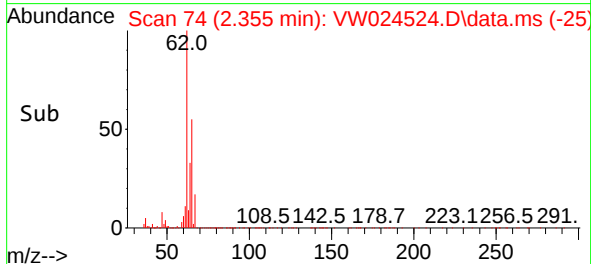
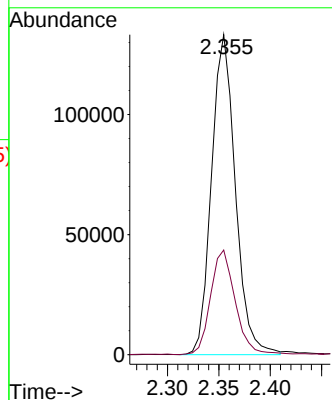
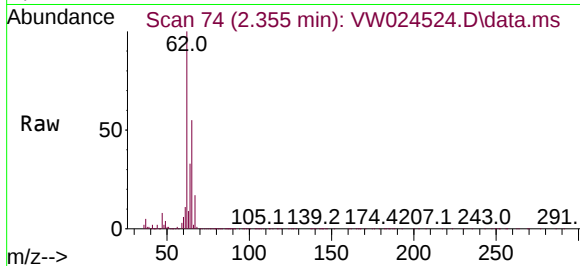




#5
 Vinyl chloride
 Concen: 25.366 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW024524.D
 Acq: 02 Sep 2022 10:23

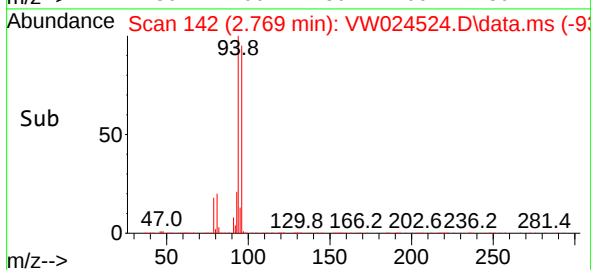
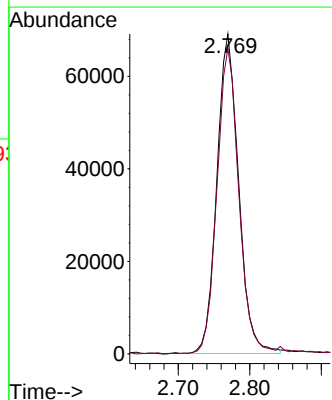
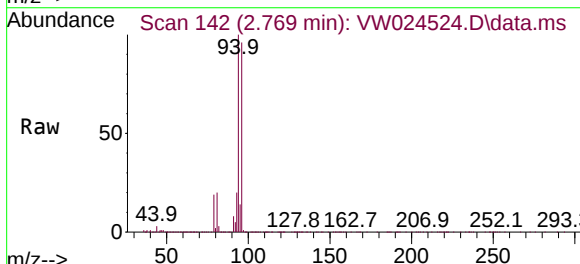
Instrument :
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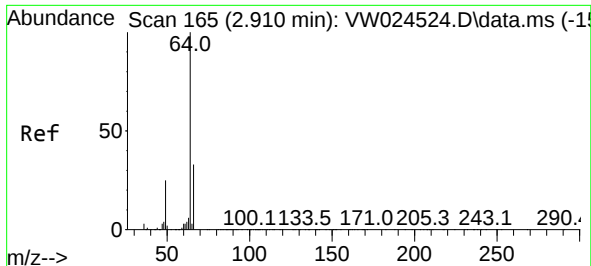
Tgt Ion: 62 Resp: 215391
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#6
 Bromomethane
 Concen: 25.262 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW024524.D
 Acq: 02 Sep 2022 10:23

Tgt Ion: 94 Resp: 146044
 Ion Ratio Lower Upper
 94 100
 96 95.5 66.8 124.2

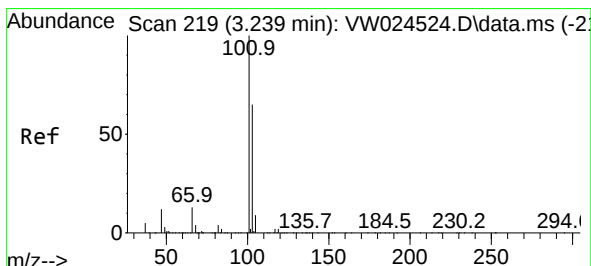
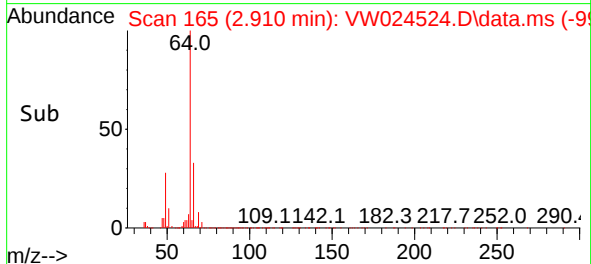
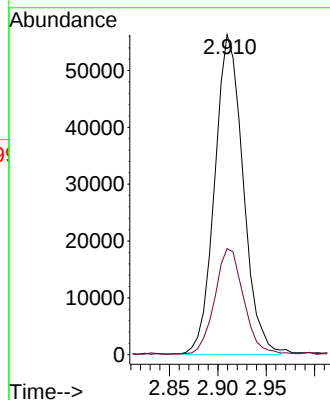
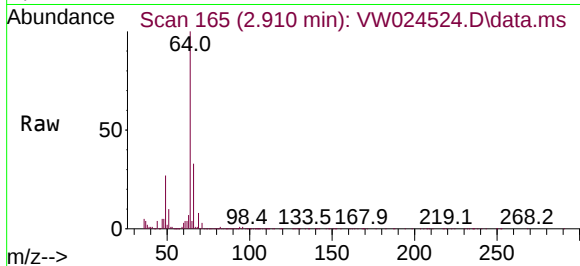




#8
Chloroethane
Concen: 25.549 ug/L
RT: 2.910 min Scan# 165
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

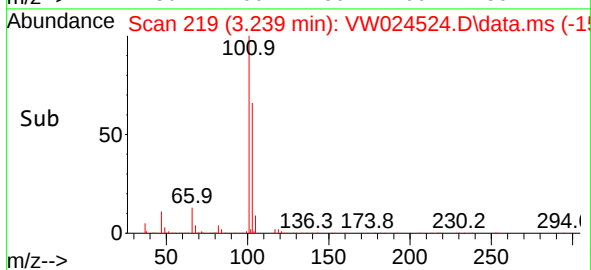
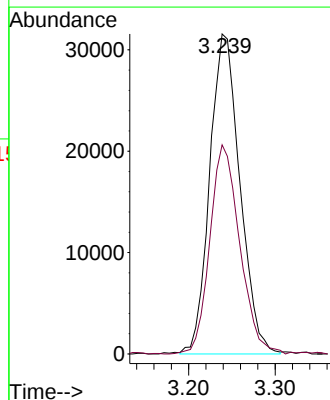
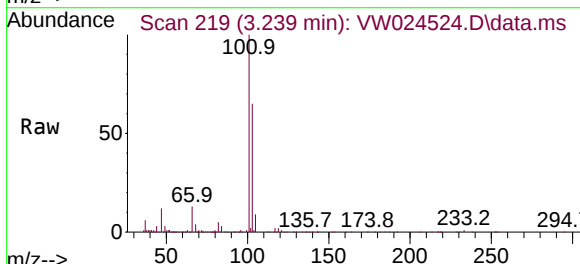
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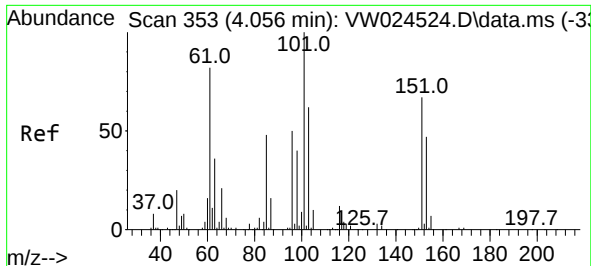
Tgt Ion: 64 Resp: 115159
Ion Ratio Lower Upper
64 100
66 33.1 23.2 43.0



#9
Trichlorofluoromethane
Concen: 23.749 ug/L
RT: 3.239 min Scan# 219
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

Tgt Ion: 101 Resp: 76374
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6

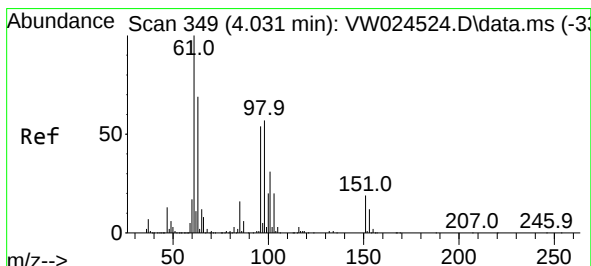
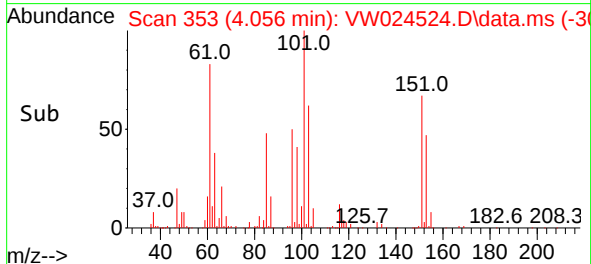
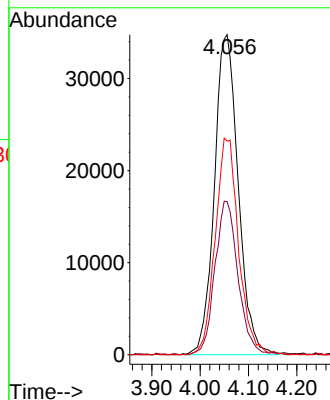
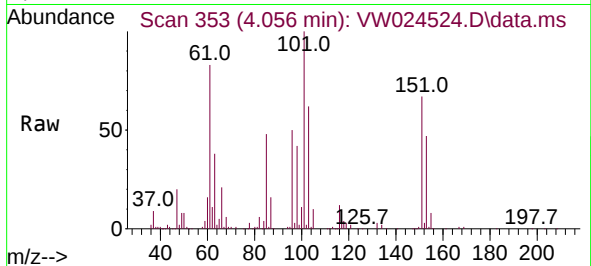




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.677 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW024524.D
 Acq: 02 Sep 2022 10:23

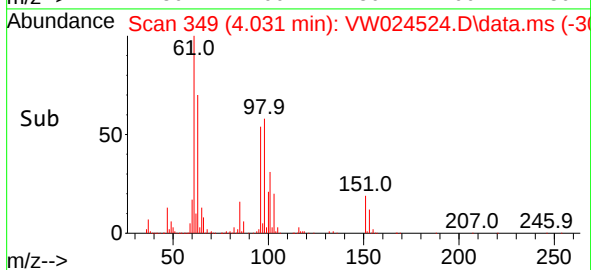
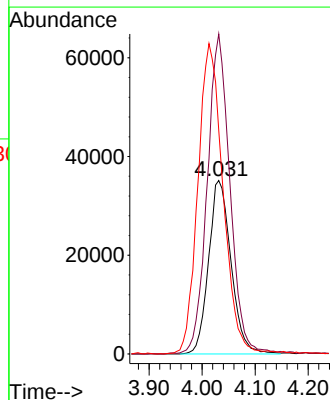
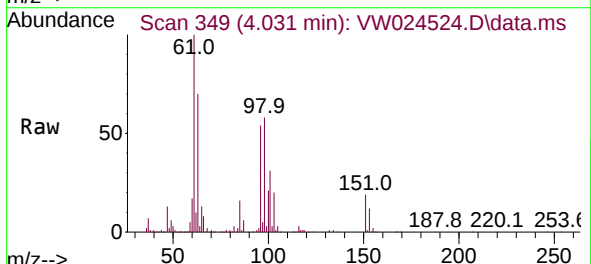
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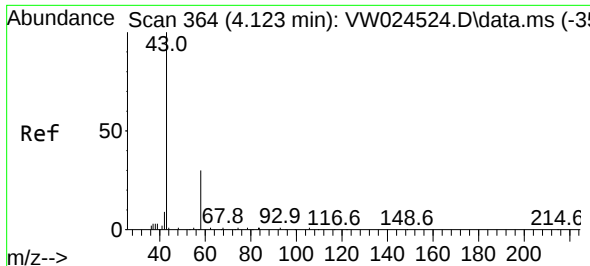
Tgt Ion: 101 Resp: 118989
 Ion Ratio Lower Upper
 101 100
 85 46.4 37.1 55.7
 151 66.1 52.9 79.3



#12
 1,1-Dichloroethene
 Concen: 24.333 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. 0.000 min
 Lab File: VW024524.D
 Acq: 02 Sep 2022 10:23

Tgt Ion: 96 Resp: 103433
 Ion Ratio Lower Upper
 96 100
 61 184.5 129.1 239.8
 63 128.8 90.2 167.4

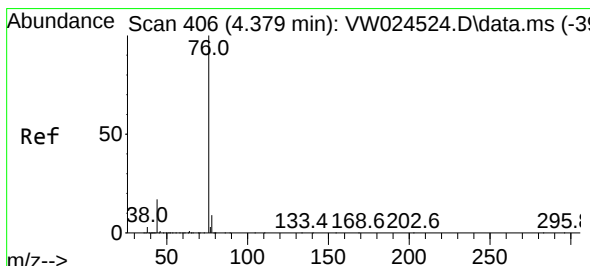
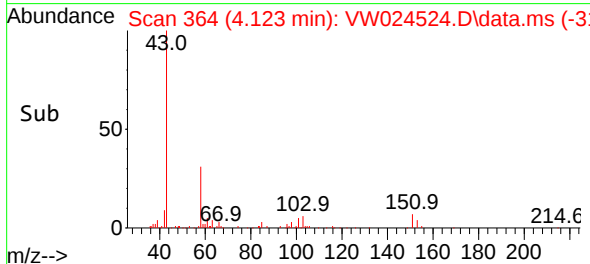
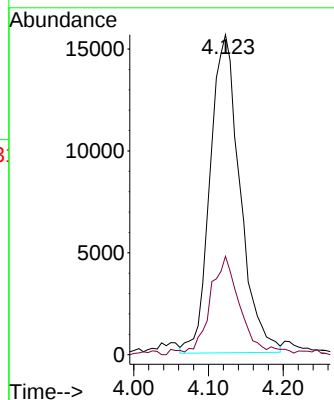
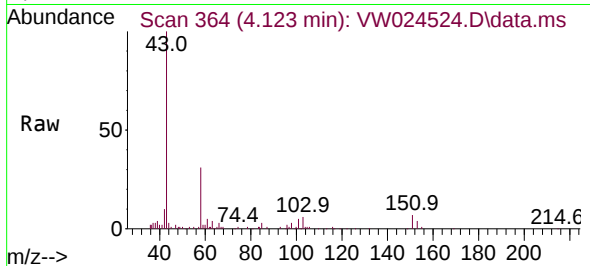




#13
Acetone
Concen: 51.368 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW024524.D
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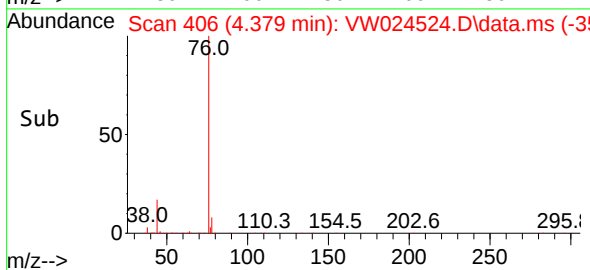
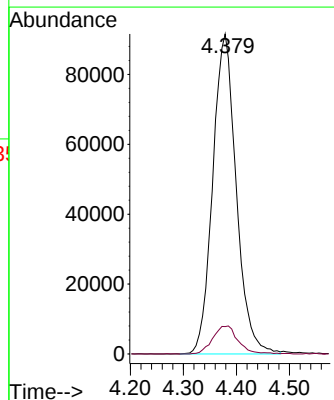
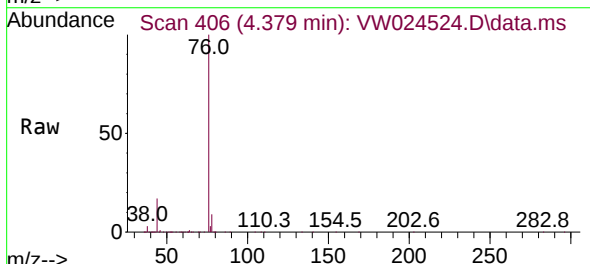
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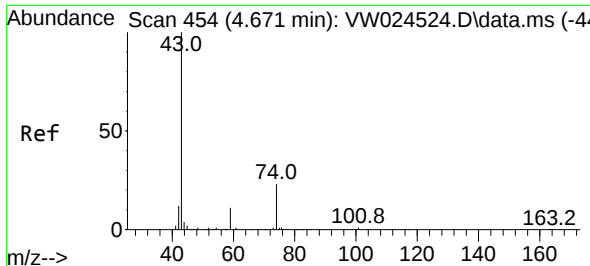
Tgt Ion: 43 Resp: 43390
Ion Ratio Lower Upper
43 100
58 29.9 0.0 59.8



#14
Carbon disulfide
Concen: 24.103 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

Tgt Ion: 76 Resp: 282186
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3

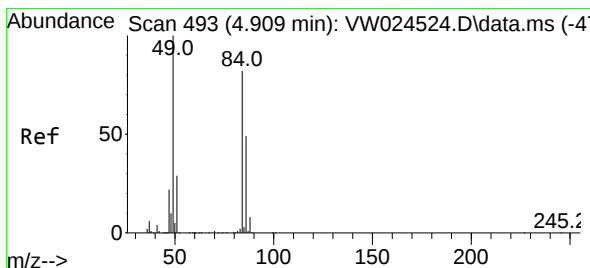
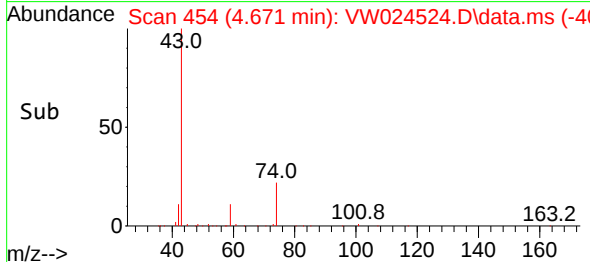
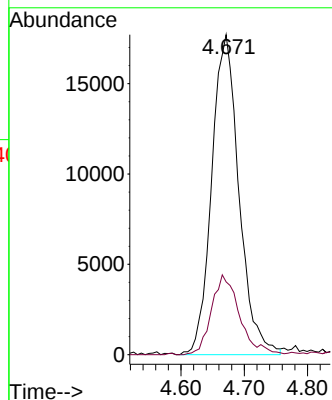
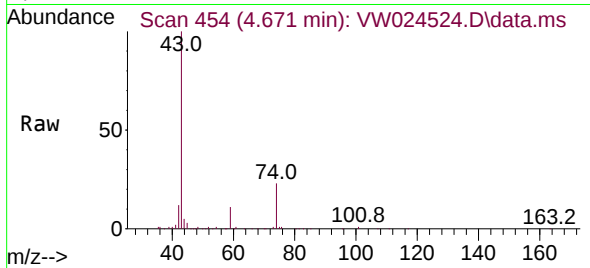




#15
Methyl Acetate
Concen: 27.635 ug/L
RT: 4.671 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

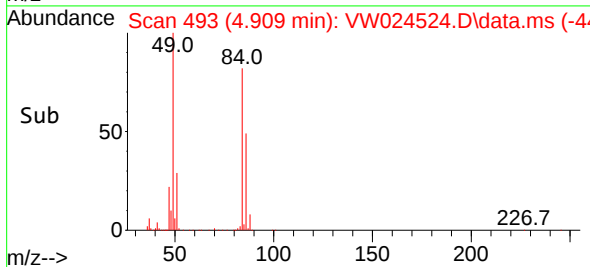
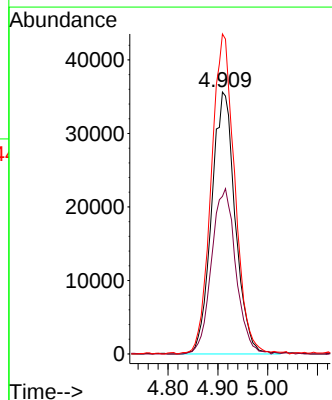
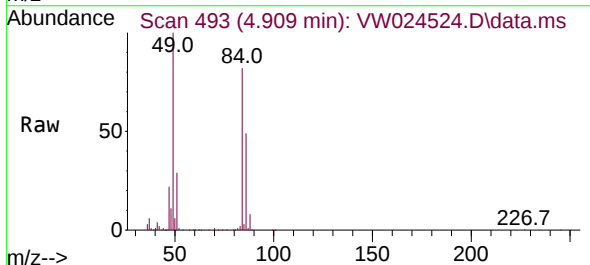
Instrument :
MSVOA_W
ClientSampleId :
VSTD025427

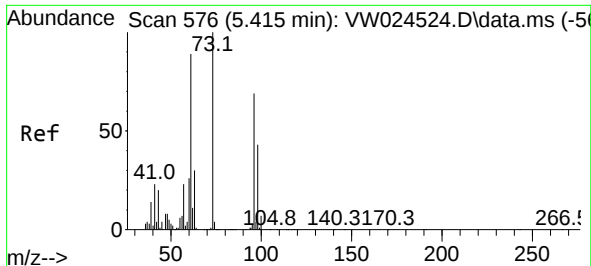
Tgt Ion: 43 Resp: 53072
Ion Ratio Lower Upper
43 100
74 24.4 19.5 29.3



#16
Methylene chloride
Concen: 24.003 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

Tgt Ion: 84 Resp: 117177
Ion Ratio Lower Upper
84 100
86 60.1 42.1 78.1
49 122.2 85.5 158.9





#17

trans-1,2-Dichloroethene

Concen: 25.542 ug/L

RT: 5.415 min Scan# 576

Delta R.T. 0.000 min

Lab File: VW024524.D

Acq: 02 Sep 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025427

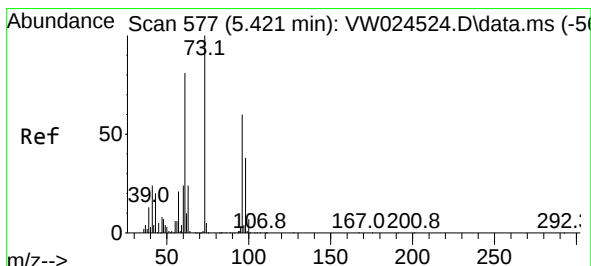
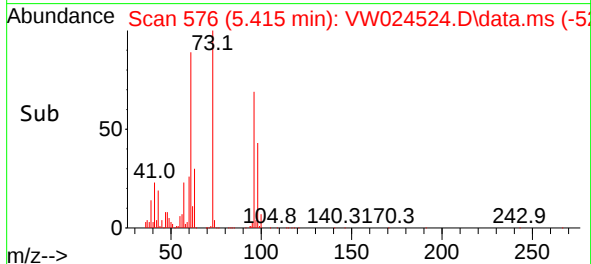
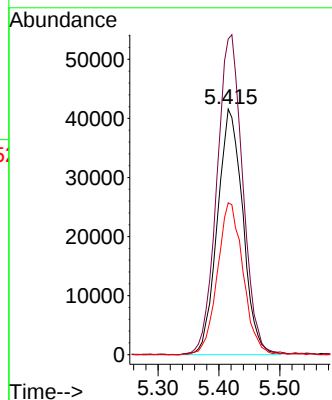
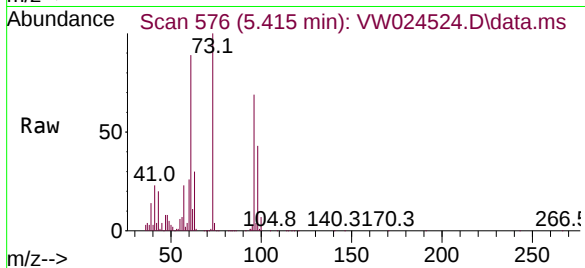
Tgt Ion: 96 Resp: 120644

Ion Ratio Lower Upper

96 100

61 128.6 90.0 167.2

98 61.8 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 27.386 ug/L

RT: 5.421 min Scan# 577

Delta R.T. 0.000 min

Lab File: VW024524.D

Acq: 02 Sep 2022 10:23

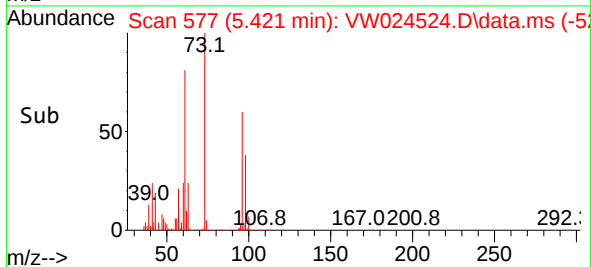
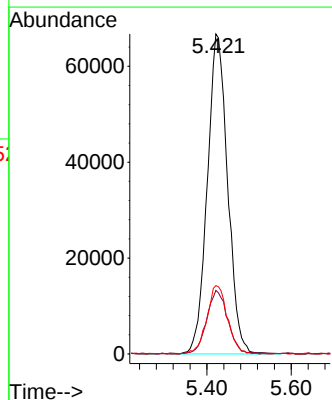
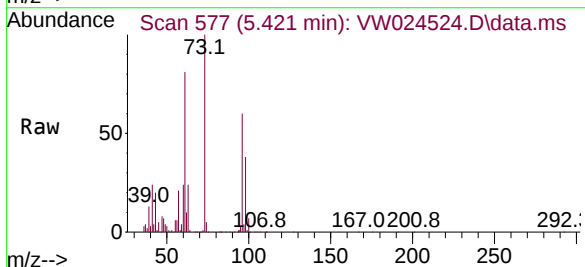
Tgt Ion: 73 Resp: 224071

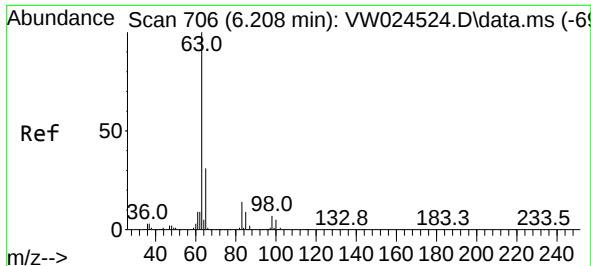
Ion Ratio Lower Upper

73 100

43 20.4 16.3 24.5

57 21.6 17.3 25.9





#19

1,1-Dichloroethane

Concen: 25.179 ug/L

RT: 6.208 min Scan# 706

Delta R.T. 0.000 min

Lab File: VW024524.D

Acq: 02 Sep 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025427

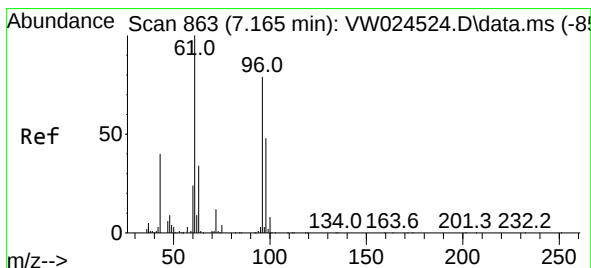
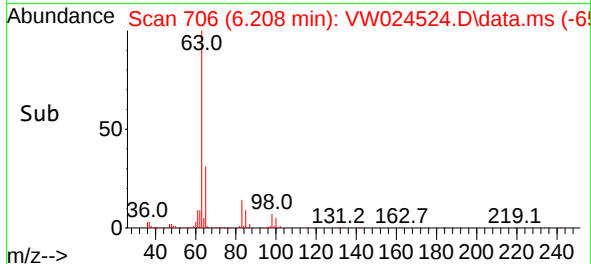
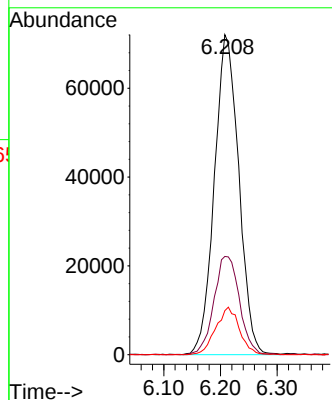
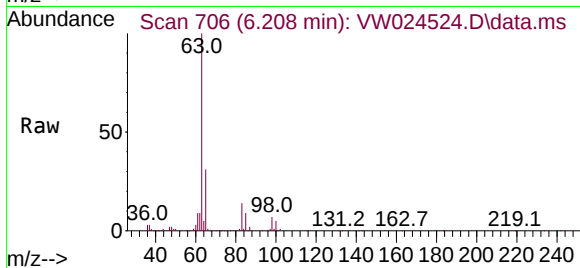
Tgt Ion: 63 Resp: 215376

Ion Ratio Lower Upper

63 100

65 30.7 21.5 39.9

83 13.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 25.650 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024524.D

Acq: 02 Sep 2022 10:23

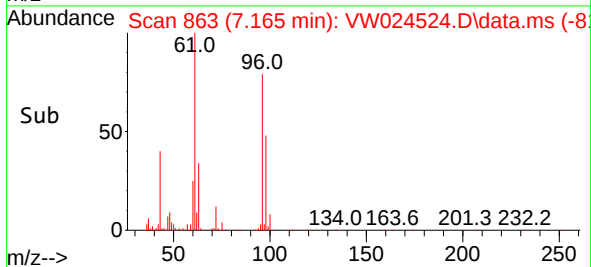
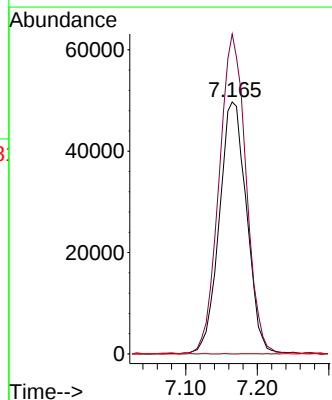
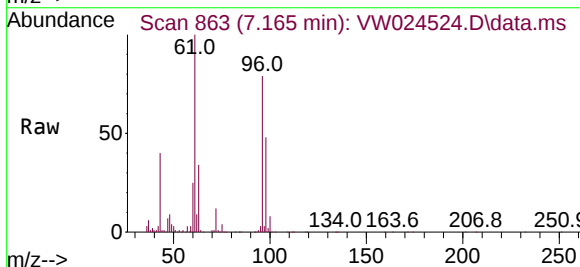
Tgt Ion: 96 Resp: 131884

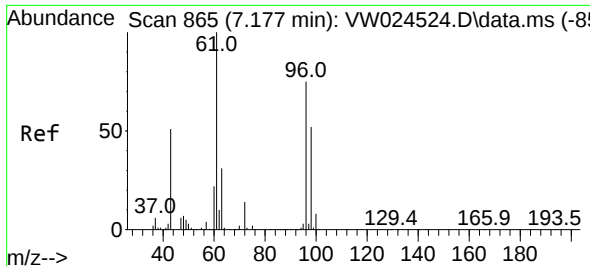
Ion Ratio Lower Upper

96 100

61 127.0 88.9 165.1

68 0.0 0.0 0.0

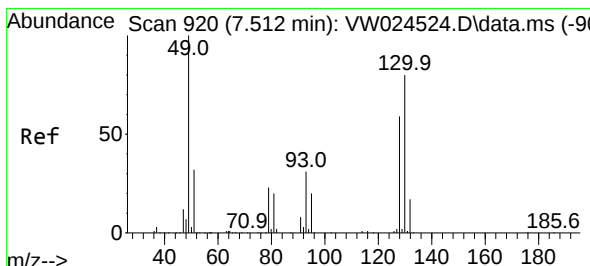
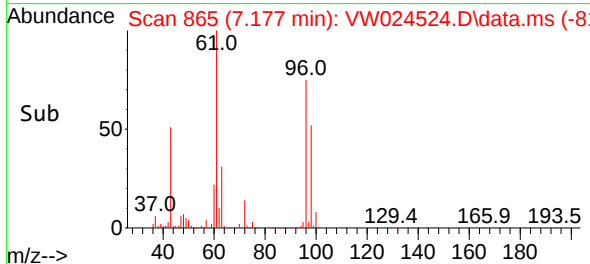
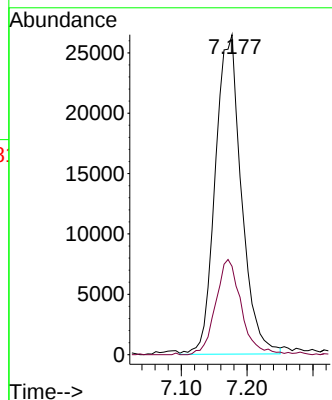
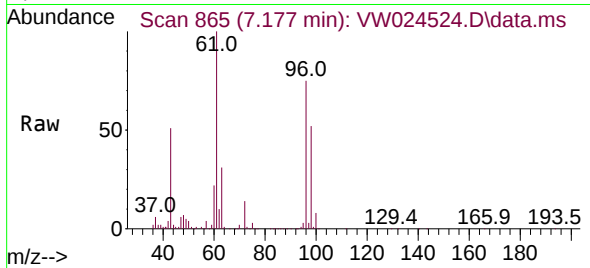




#22
2-Butanone
Concen: 53.313 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

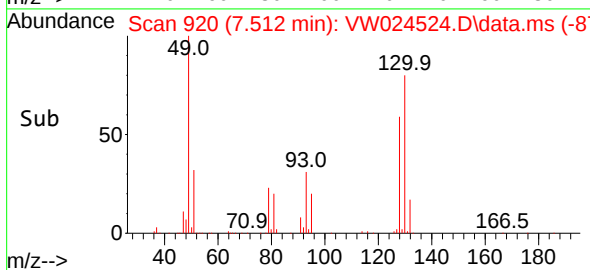
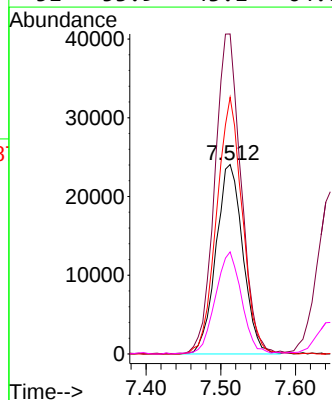
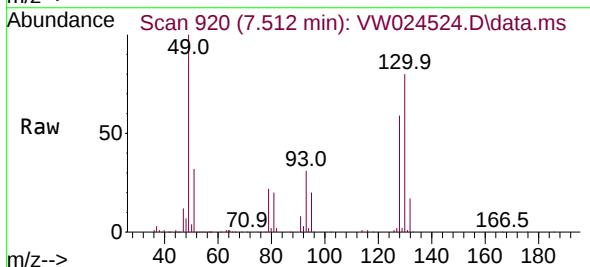
Instrument :
MSVOA_W
ClientSampleId :
VSTD025427

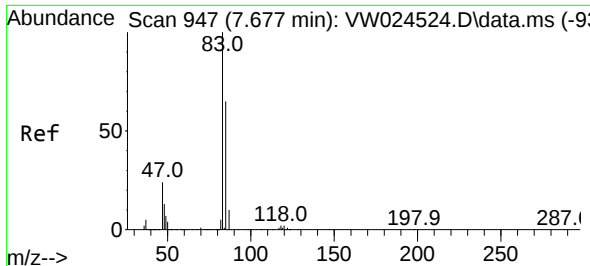
Tgt Ion: 43 Resp: 73139
Ion Ratio Lower Upper
43 100
72 29.1 14.5 43.6



#23
Bromochloromethane
Concen: 25.204 ug/L
RT: 7.512 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

Tgt Ion: 128 Resp: 60124
Ion Ratio Lower Upper
128 100
49 168.9 118.2 219.6
130 135.5 94.8 176.2
51 53.9 43.1 64.7

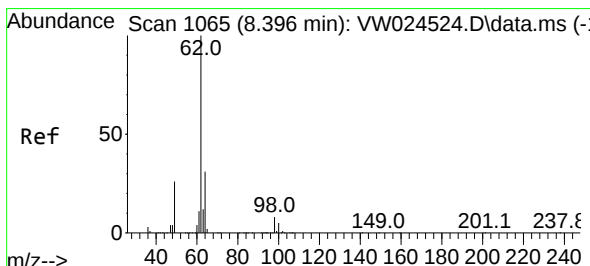
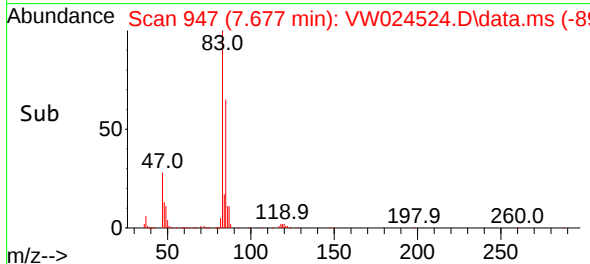
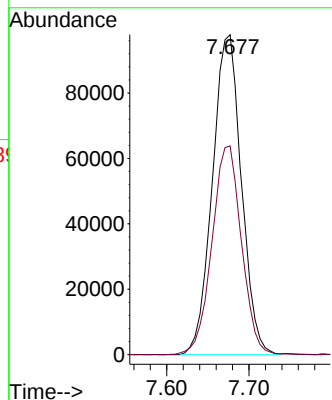
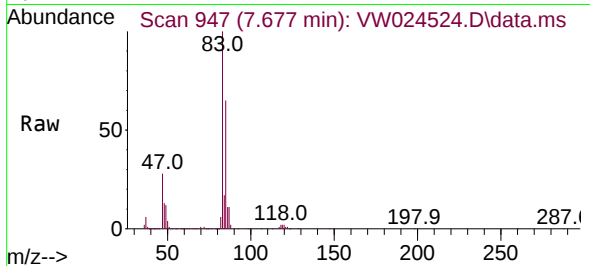




#25
Chloroform
Concen: 25.513 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

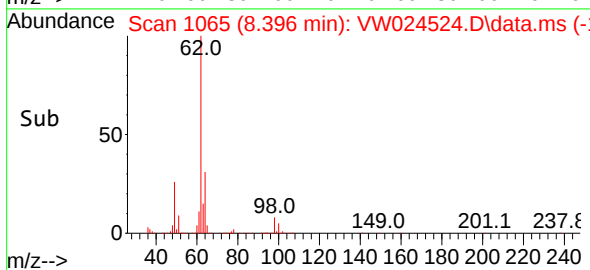
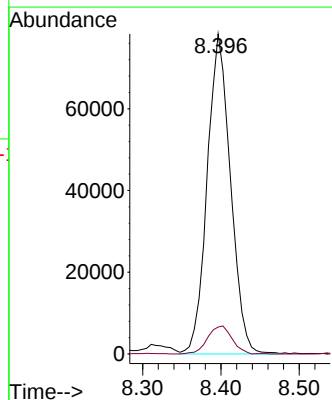
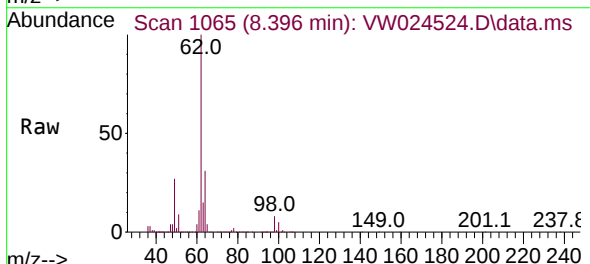
Instrument :
MSVOA_W
ClientSampleId :
VSTD025427

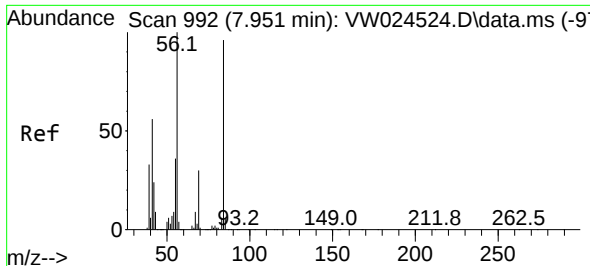
Tgt Ion: 83 Resp: 239601
Ion Ratio Lower Upper
83 100
85 65.2 45.6 84.8



#27
1,2-Dichloroethane
Concen: 26.273 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

Tgt Ion: 62 Resp: 162071
Ion Ratio Lower Upper
62 100
98 8.4 6.7 10.1

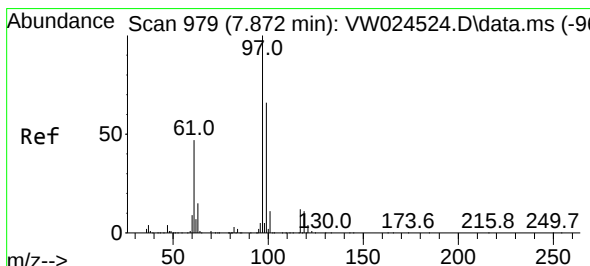
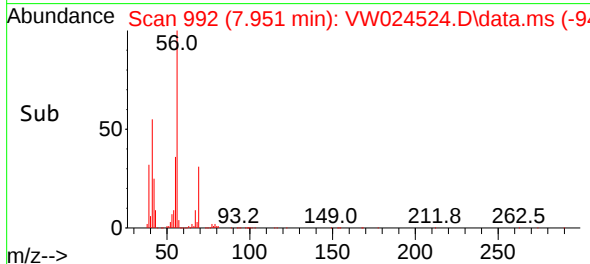
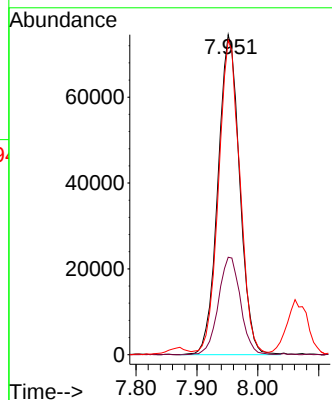
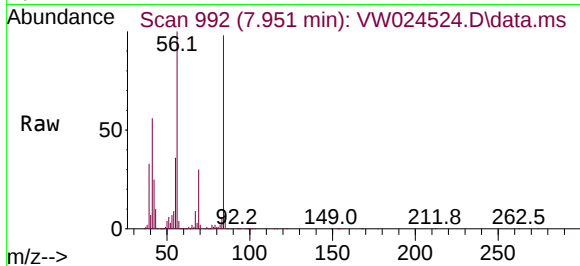




#29
Cyclohexane
Concen: 25.799 ug/L
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

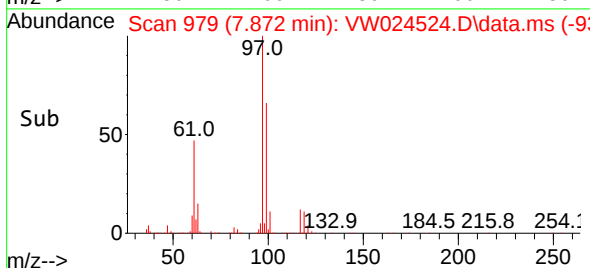
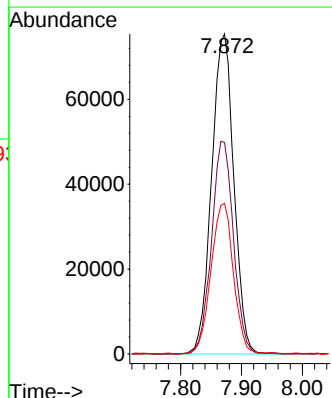
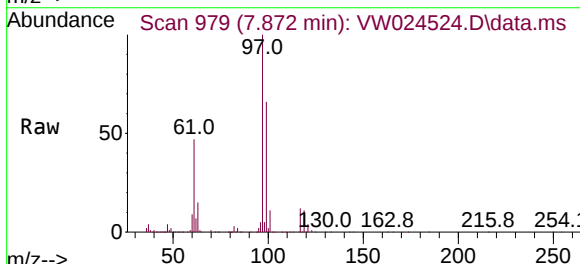
Instrument :
MSVOA_W
ClientSampleId :
VSTD025427

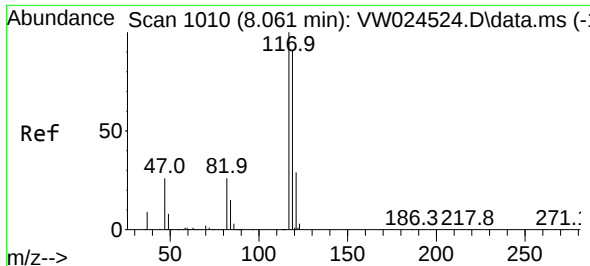
Tgt Ion: 56 Resp: 184325
Ion Ratio Lower Upper
56 100
69 31.0 24.8 37.2
84 96.6 77.3 115.9



#30
1,1,1-Trichloroethane
Concen: 24.544 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

Tgt Ion: 97 Resp: 191042
Ion Ratio Lower Upper
97 100
99 65.6 52.5 78.7
61 47.4 37.9 56.9

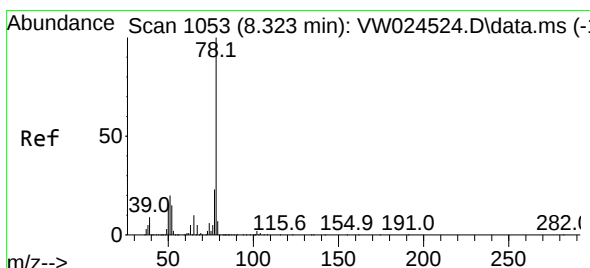
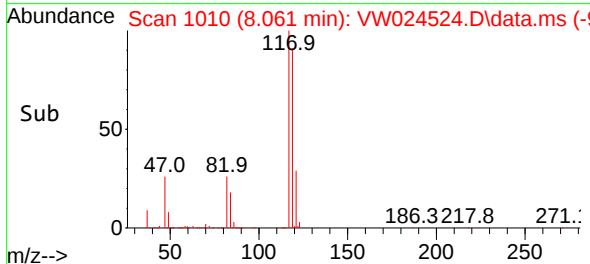
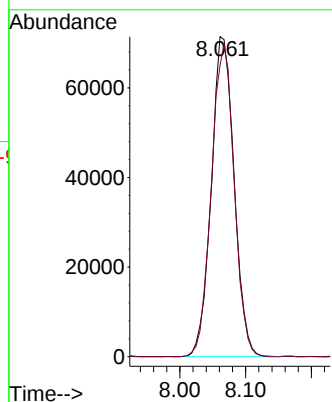
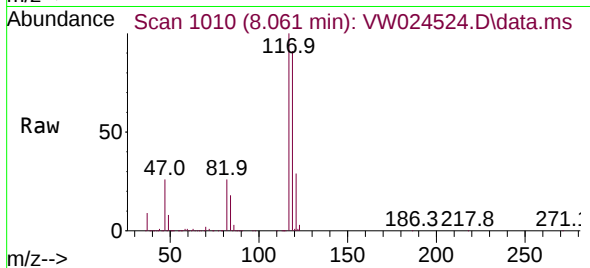




#31
Carbon tetrachloride
Concen: 24.424 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

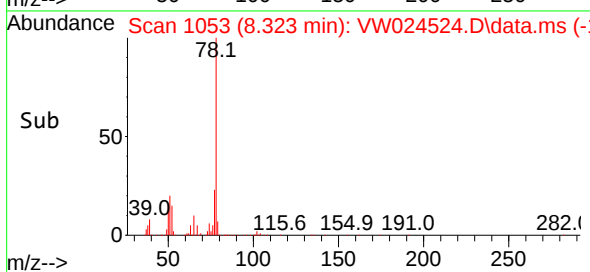
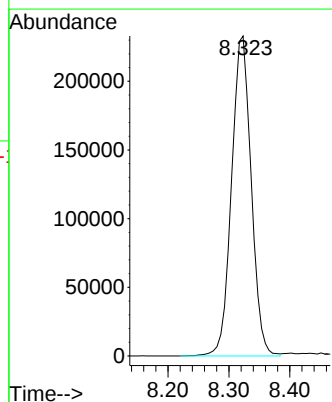
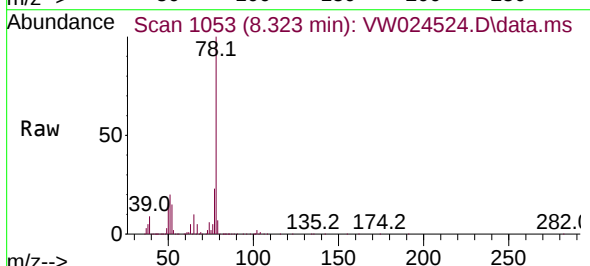
Instrument :
MSVOA_W
ClientSampleId :
VSTD025427

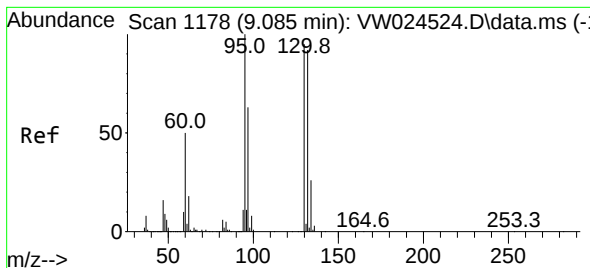
Tgt Ion:117 Resp: 172377
Ion Ratio Lower Upper
117 100
119 97.6 78.1 117.1



#33
Benzene
Concen: 25.505 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

Tgt Ion: 78 Resp: 521894





#34

Trichloroethene

Concen: 24.711 ug/L

RT: 9.085 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VW024524.D

Acq: 02 Sep 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025427

Tgt Ion: 95 Resp: 134220

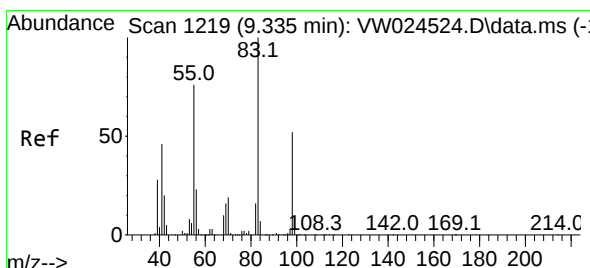
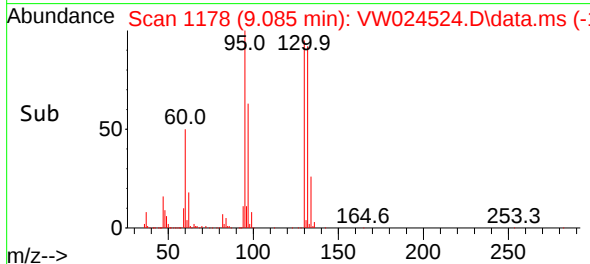
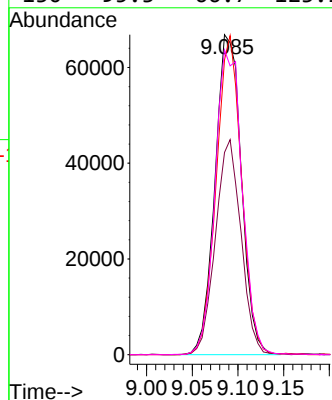
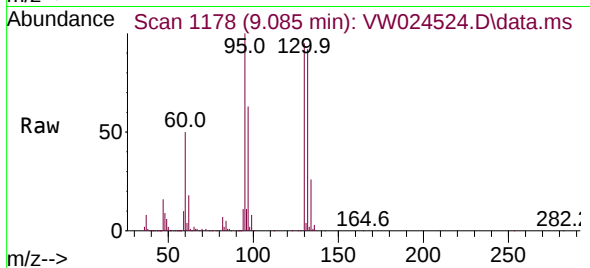
Ion Ratio Lower Upper

95 100

97 63.2 44.2 82.2

132 92.1 64.5 119.7

130 95.3 66.7 123.9



#35

Methylcyclohexane

Concen: 25.500 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024524.D

Acq: 02 Sep 2022 10:23

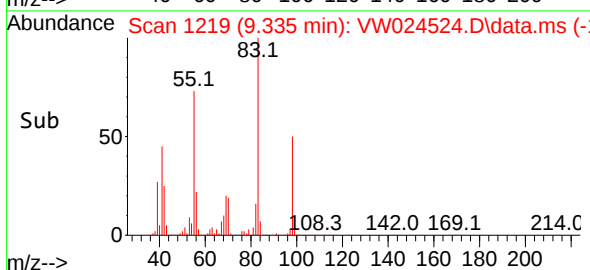
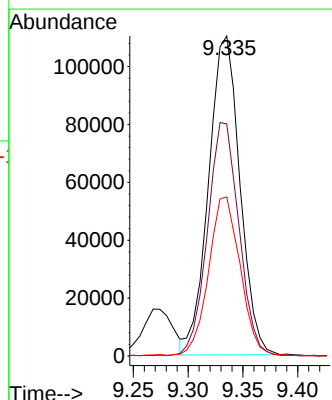
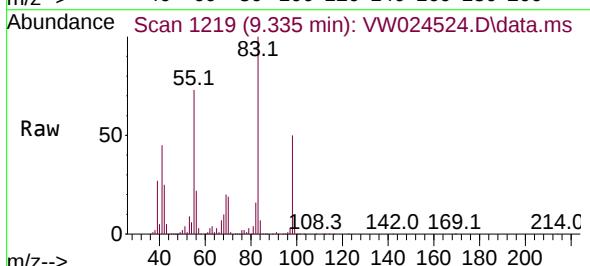
Tgt Ion: 83 Resp: 219173

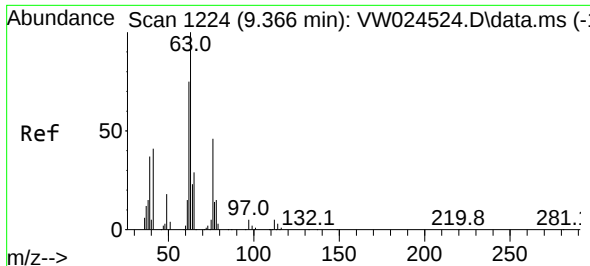
Ion Ratio Lower Upper

83 100

55 73.6 58.9 88.3

98 50.5 40.4 60.6

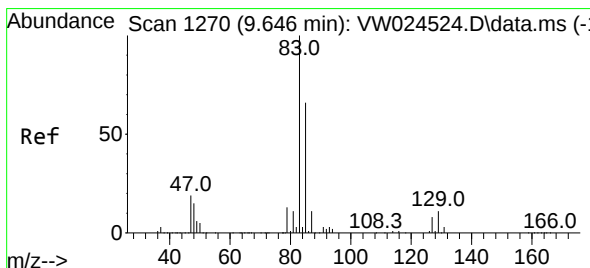
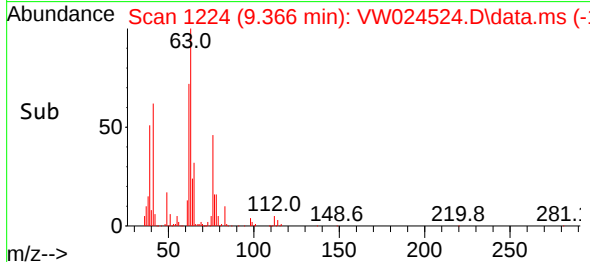
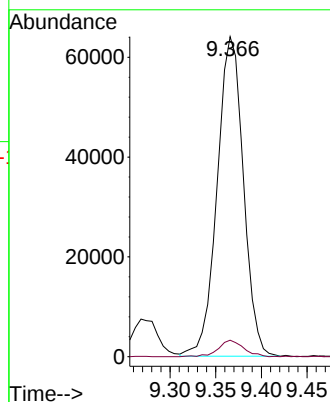
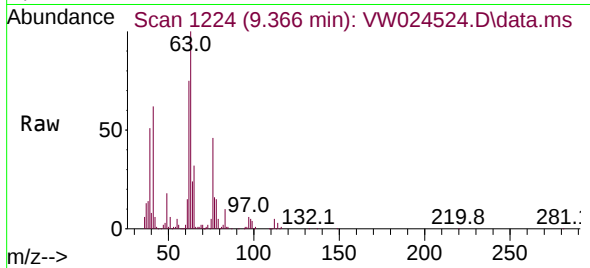




#37
1,2-Dichloropropane
Concen: 25.965 ug/L
RT: 9.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

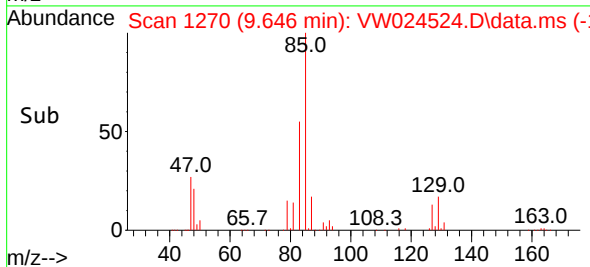
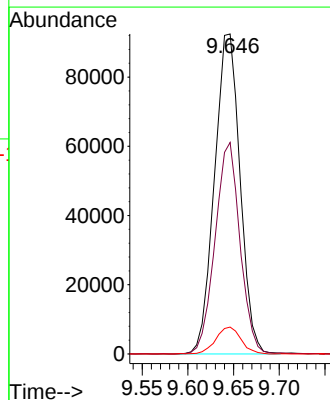
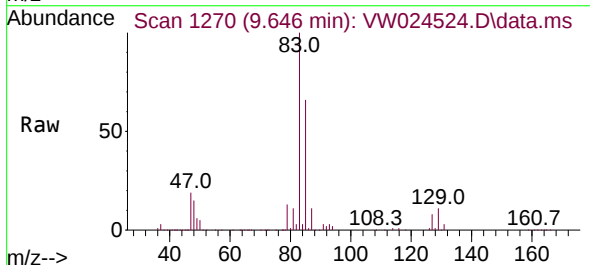
Instrument :
MSVOA_W
ClientSampleId :
VSTD025427

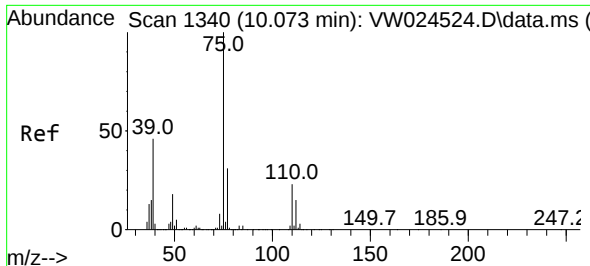
Tgt Ion: 63 Resp: 128029
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.8



#38
Bromodichloromethane
Concen: 25.842 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

Tgt Ion: 83 Resp: 180123
Ion Ratio Lower Upper
83 100
85 66.1 46.3 85.9
127 8.4 6.7 10.1

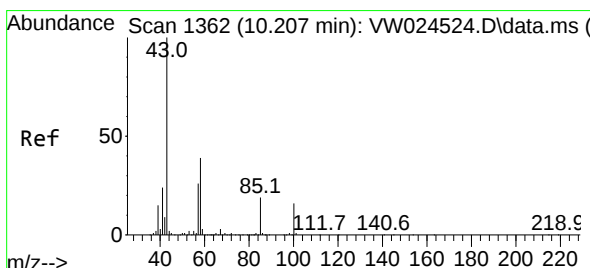
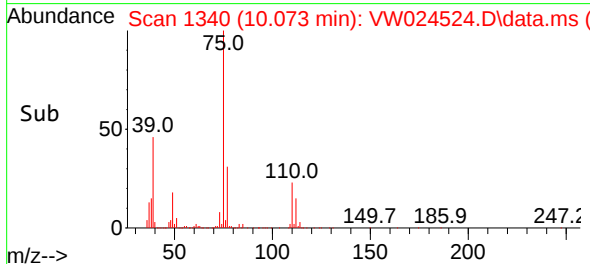
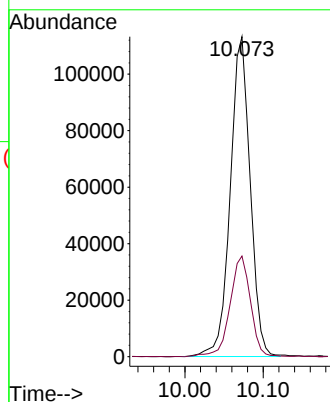
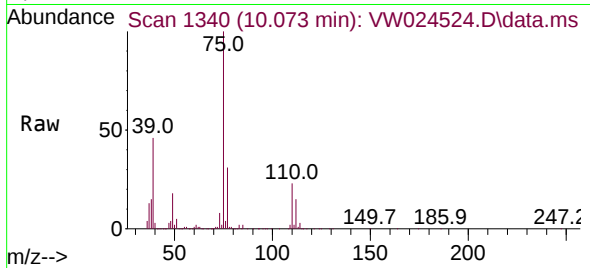




#39
 cis-1,3-Dichloropropene
 Concen: 26.904 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW024524.D
 Acq: 02 Sep 2022 10:23

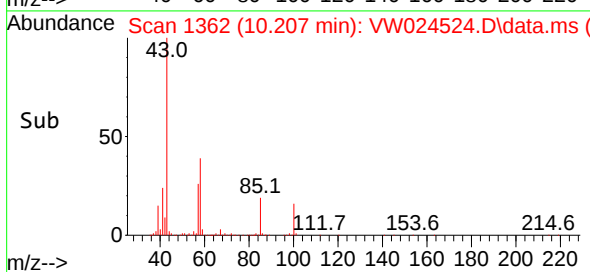
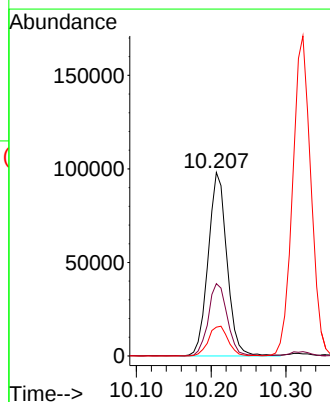
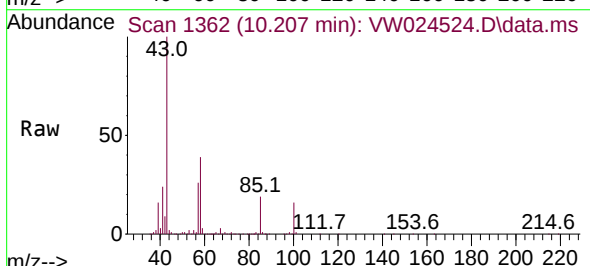
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025427

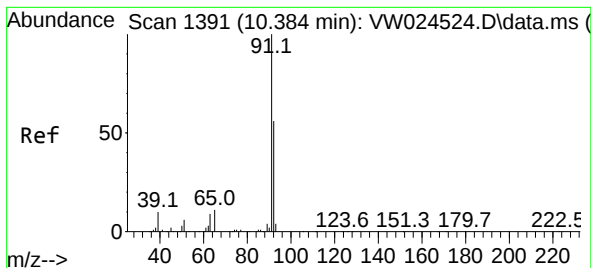
Tgt Ion: 75 Resp: 199724
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 55.826 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW024524.D
 Acq: 02 Sep 2022 10:23

Tgt Ion: 43 Resp: 171190
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.8 47.8
 100 16.9 13.5 20.3





#42

Toluene

Concen: 26.587 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024524.D

Acq: 02 Sep 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

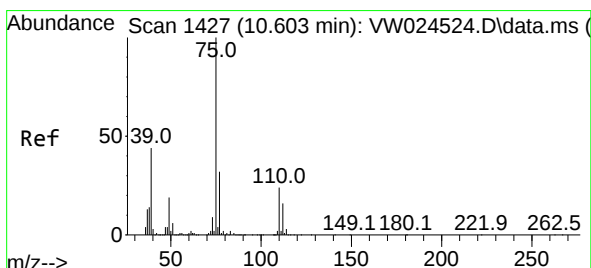
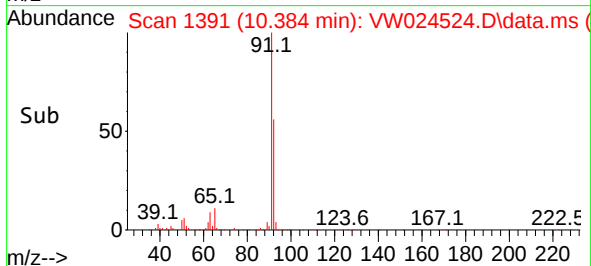
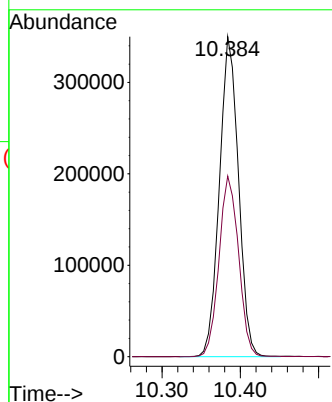
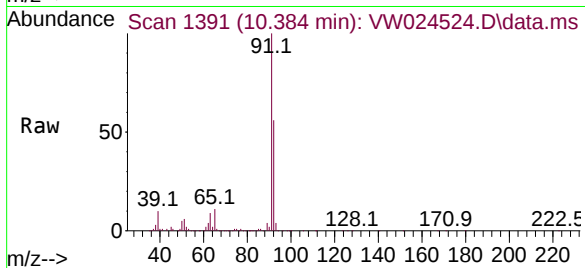
VSTD025427

Tgt Ion: 91 Resp: 592414

Ion Ratio Lower Upper

91 100

92 56.4 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 27.538 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW024524.D

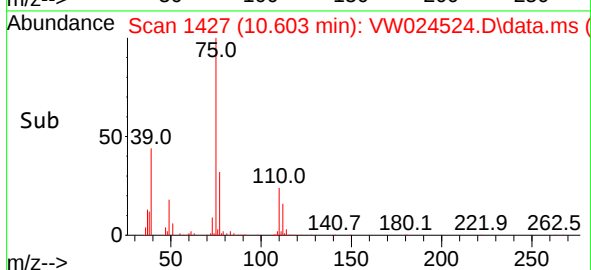
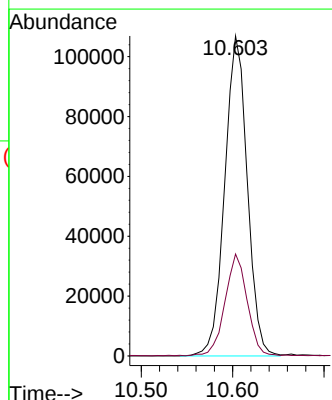
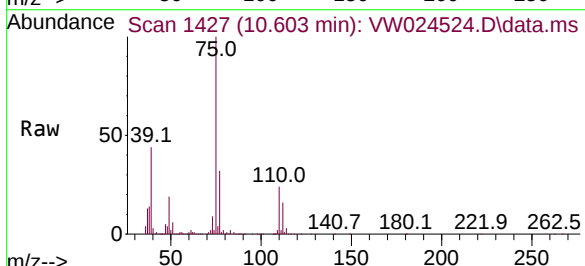
Acq: 02 Sep 2022 10:23

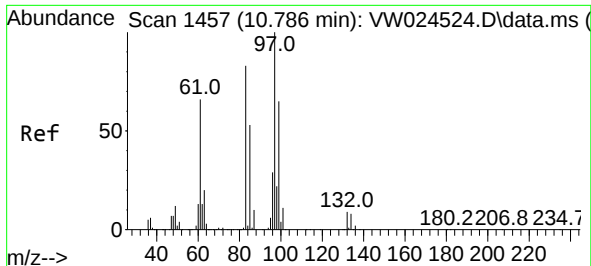
Tgt Ion: 75 Resp: 183380

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.5



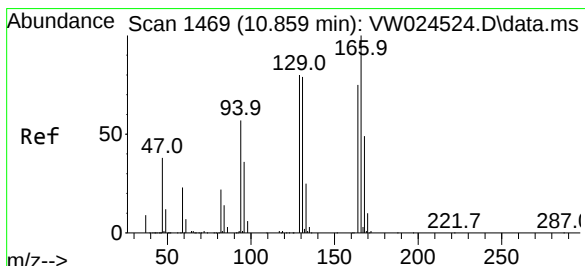
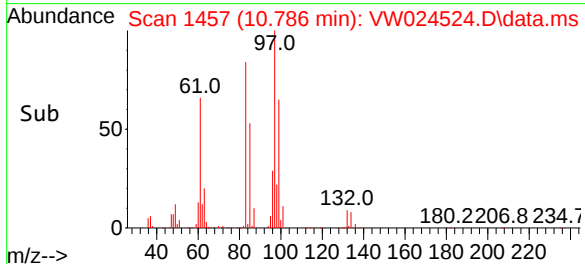
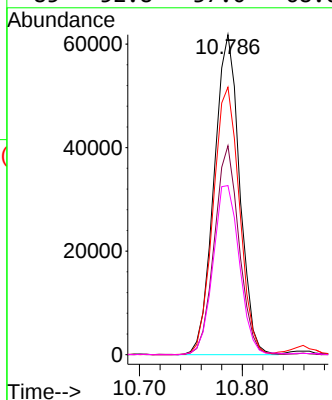
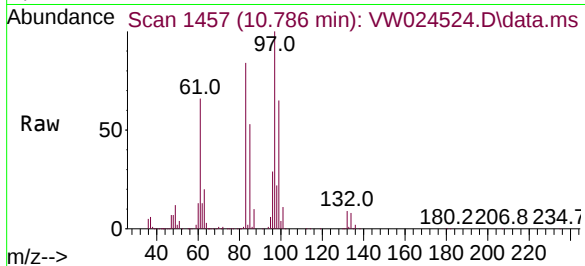


#45
1,1,2-Trichloroethane
Concen: 25.963 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTD025427

Tgt Ion: 97 Resp: 106888

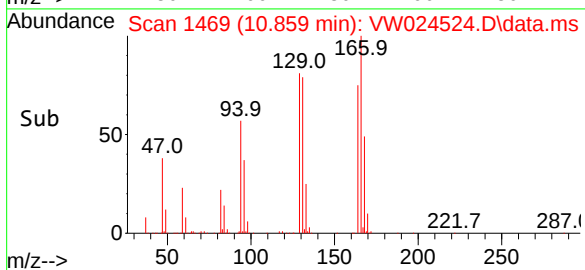
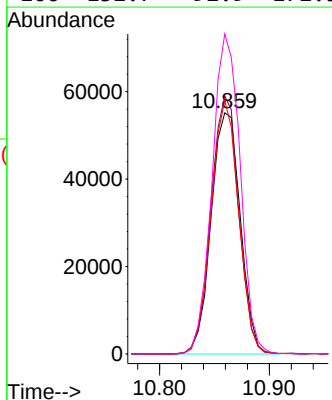
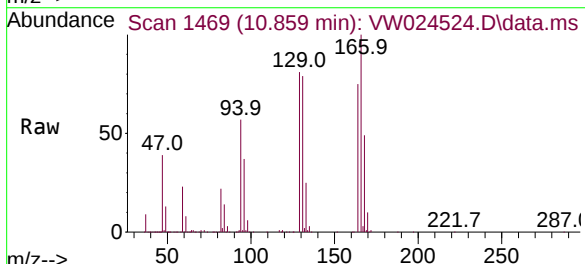
Ion	Ratio	Lower	Upper
97	100		
99	65.3	45.7	84.9
83	83.6	58.5	108.7
85	52.8	37.0	68.6

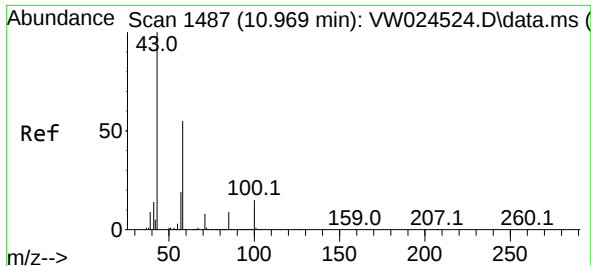


#46
Tetrachloroethene
Concen: 25.633 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

Tgt Ion: 164 Resp: 101745

Ion	Ratio	Lower	Upper
164	100		
129	107.0	74.9	139.1
131	105.1	73.6	136.6
166	132.7	92.9	172.5

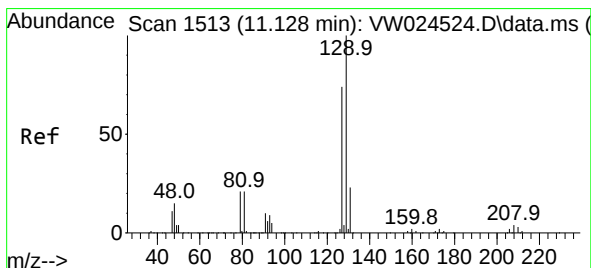
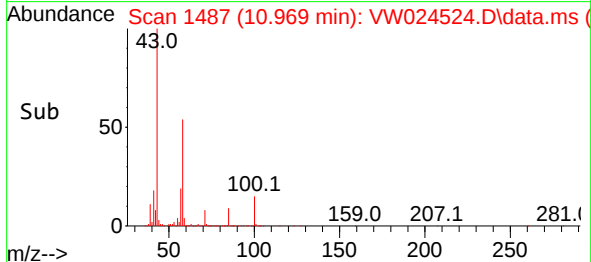
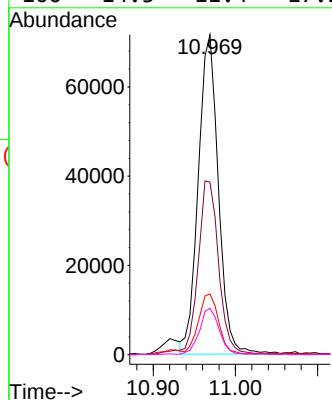
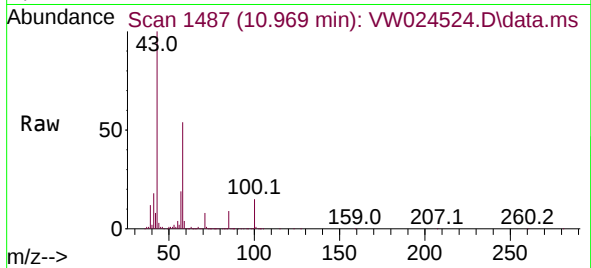




#48
2-Hexanone
Concen: 60.859 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

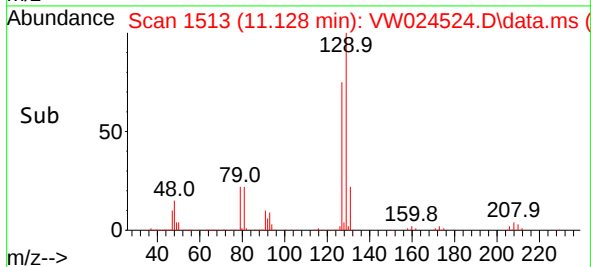
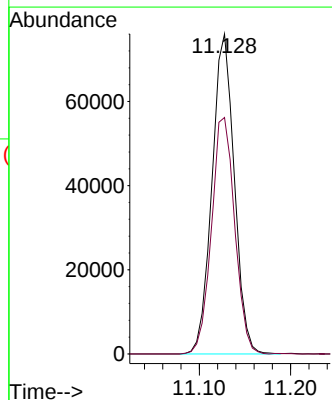
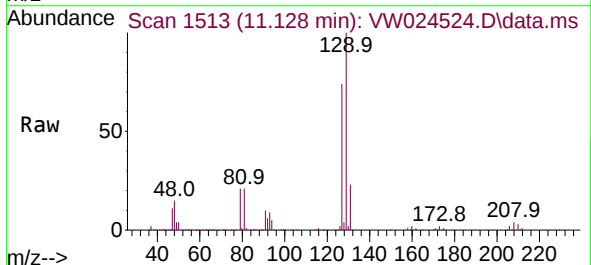
Instrument :
MSVOA_W
ClientSampleId :
VSTD025427

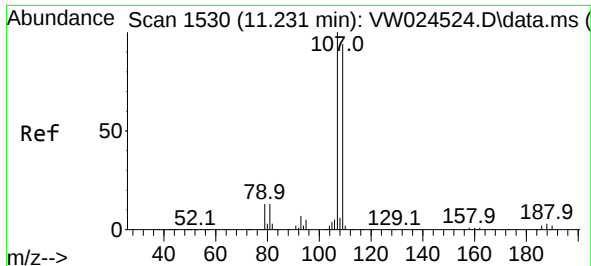
Tgt Ion:	43	Resp:	121604
Ion	Ratio	Lower	Upper
43	100		
58	55.2	44.2	66.2
57	19.4	15.5	23.3
100	14.3	11.4	17.2



#49
Dibromochloromethane
Concen: 26.607 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

Tgt Ion:	129	Resp:	128708
Ion	Ratio	Lower	Upper
129	100		
127	73.9	51.7	96.1





#50

1,2-Dibromoethane

Concen: 26.255 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024524.D

Acq: 02 Sep 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025427

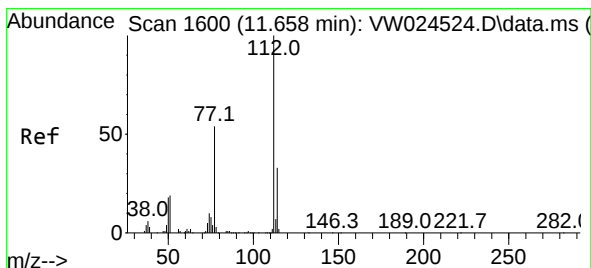
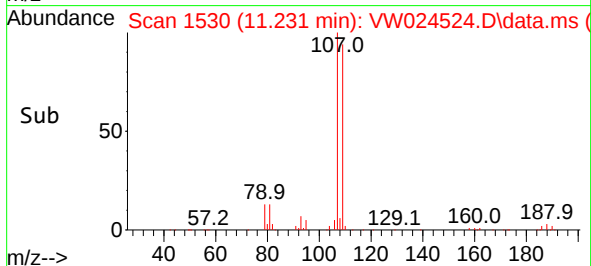
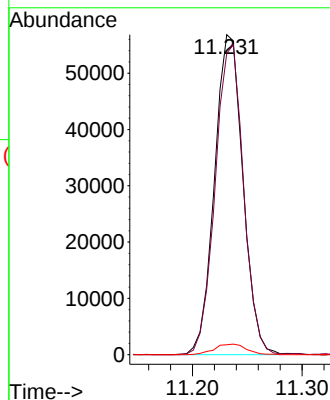
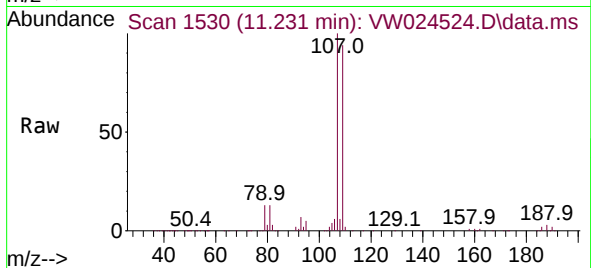
Tgt Ion:107 Resp: 102365

Ion Ratio Lower Upper

107 100

109 94.2 65.9 122.5

188 3.1 2.5 3.7



#51

Chlorobenzene

Concen: 25.541 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW024524.D

Acq: 02 Sep 2022 10:23

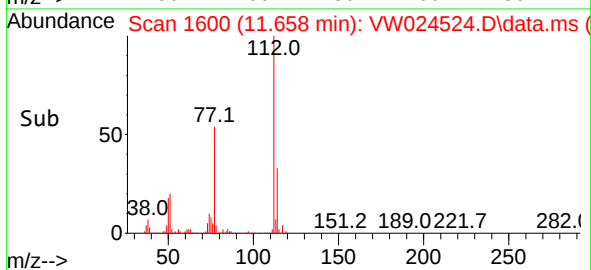
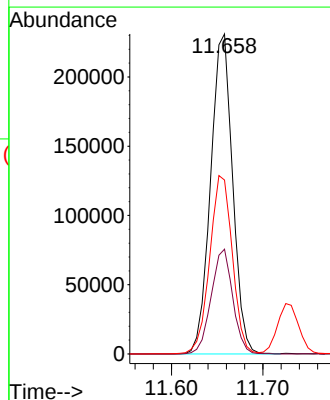
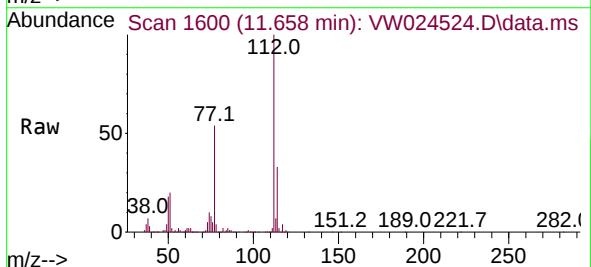
Tgt Ion:112 Resp: 386208

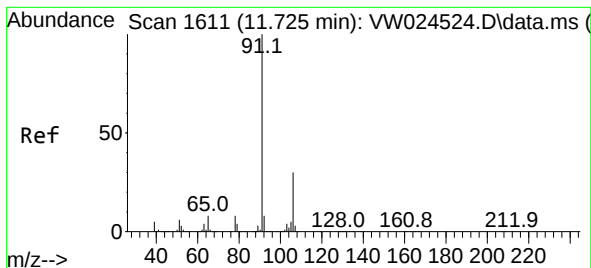
Ion Ratio Lower Upper

112 100

114 32.7 22.9 42.5

77 54.4 43.5 65.3

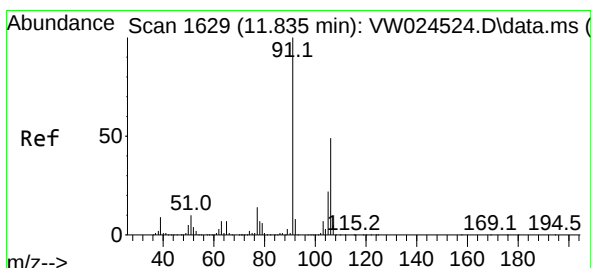
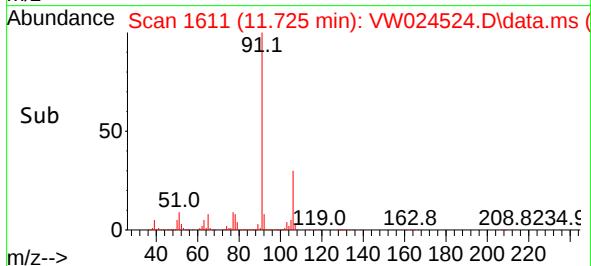
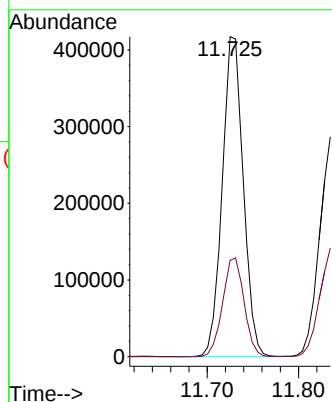
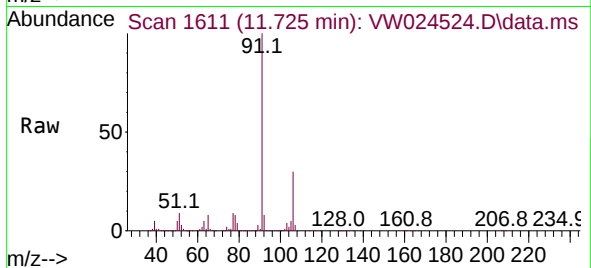




#52
Ethylbenzene
Concen: 26.808 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

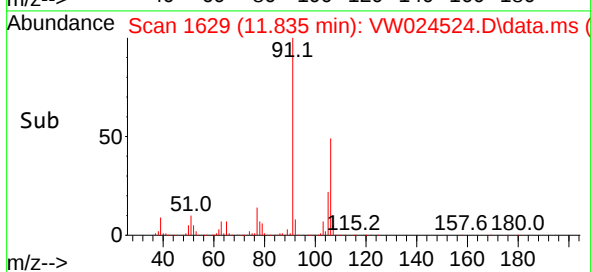
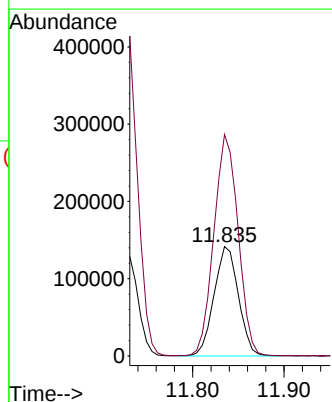
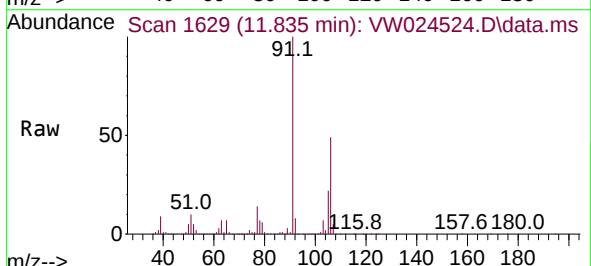
Instrument :
MSVOA_W
ClientSampleId :
VSTD025427

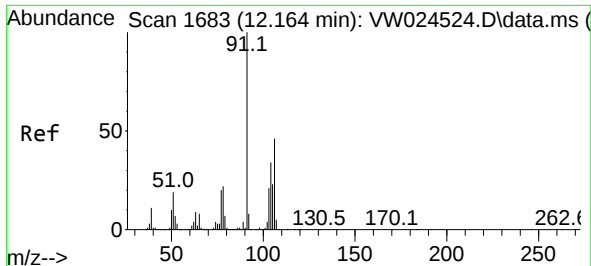
Tgt Ion: 91 Resp: 668684
Ion Ratio Lower Upper
91 100
106 30.1 21.1 39.1



#53
m,p-Xylene
Concen: 26.886 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

Tgt Ion: 106 Resp: 262253
Ion Ratio Lower Upper
106 100
91 202.5 141.7 263.3

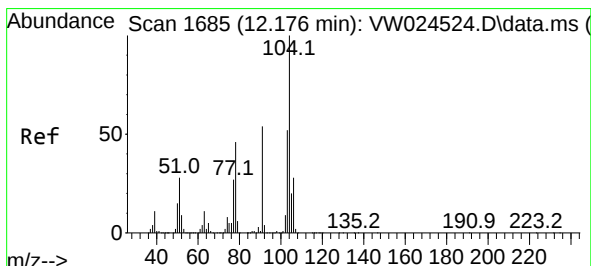
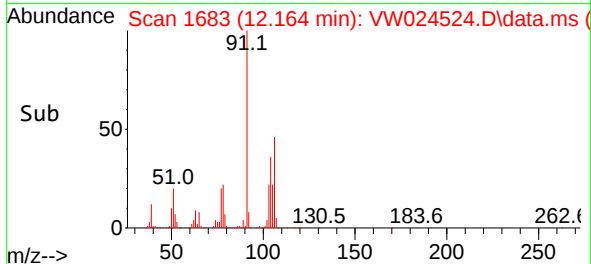
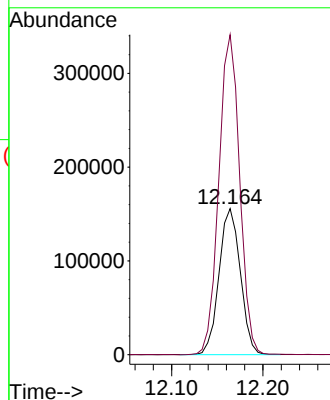
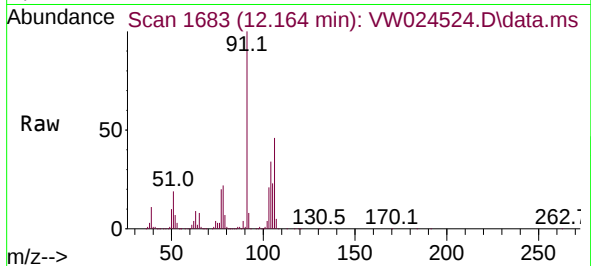




#54
o-Xylene
Concen: 27.085 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

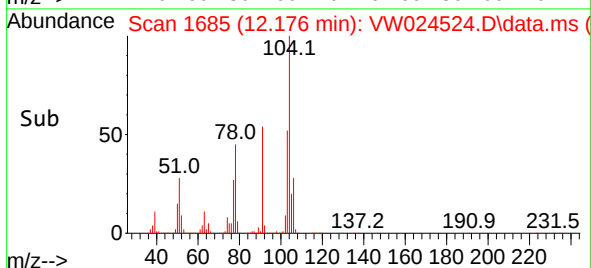
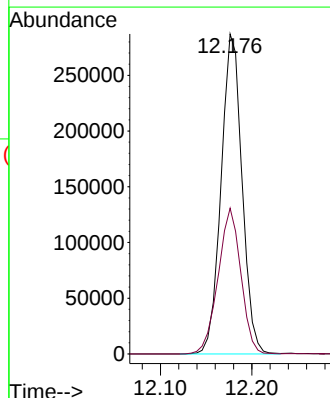
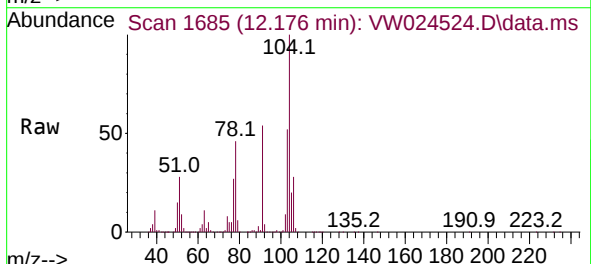
Instrument :
MSVOA_W
ClientSampleId :
VSTD025427

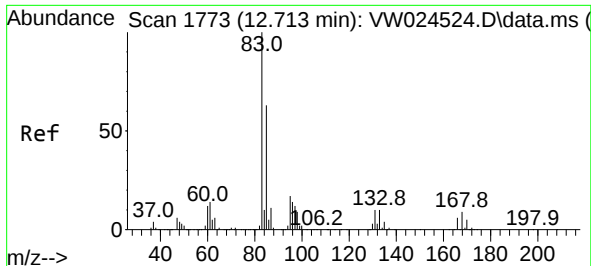
Tgt Ion:106 Resp: 252911
Ion Ratio Lower Upper
106 100
91 219.1 153.4 284.8



#55
Styrene
Concen: 28.207 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

Tgt Ion:104 Resp: 457524
Ion Ratio Lower Upper
104 100
78 45.5 31.9 59.2





#57

1,1,2,2-Tetrachloroethane

Concen: 27.073 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024524.D

Acq: 02 Sep 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025427

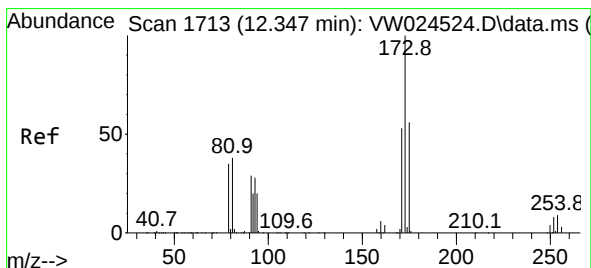
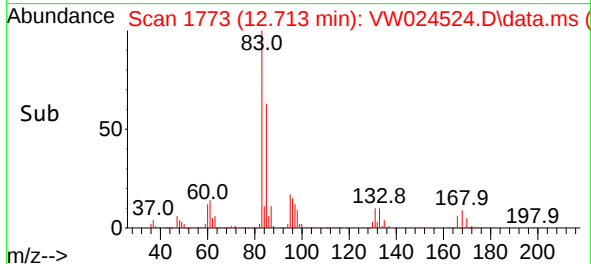
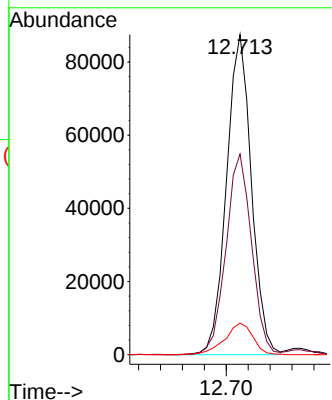
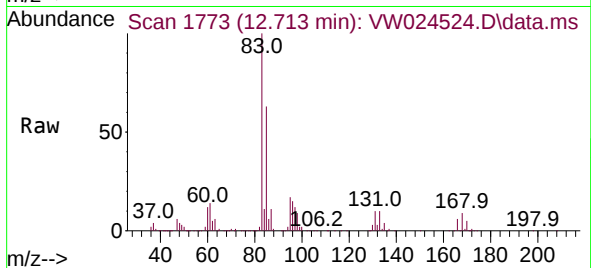
Tgt Ion: 83 Resp: 137929

Ion Ratio Lower Upper

83 100

85 62.7 43.9 81.5

131 9.9 7.9 11.9



#59

Bromoform

Concen: 26.811 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024524.D

Acq: 02 Sep 2022 10:23

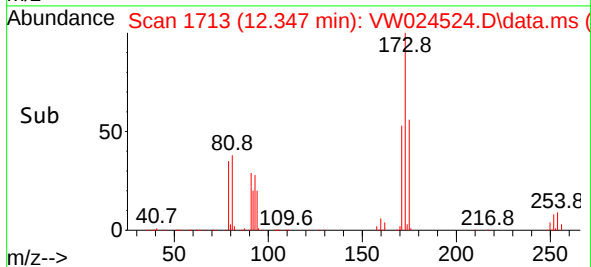
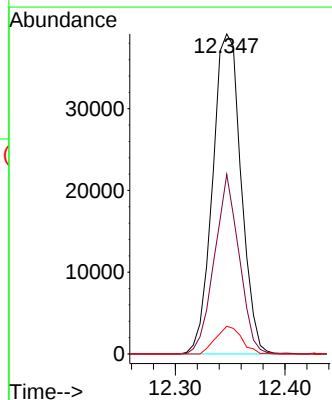
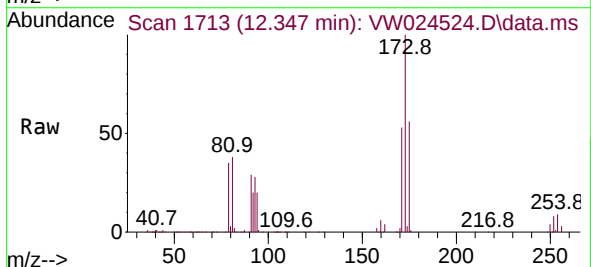
Tgt Ion: 173 Resp: 70625

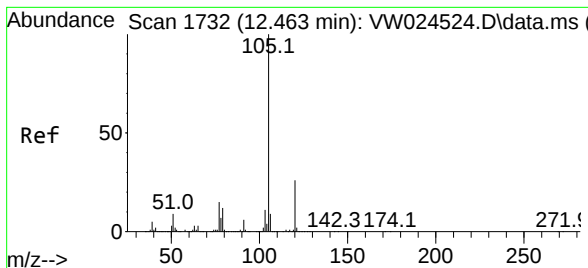
Ion Ratio Lower Upper

173 100

175 48.8 39.0 58.6

254 7.8 6.2 9.4





#60

Isopropylbenzene

Concen: 27.104 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW024524.D

Acq: 02 Sep 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025427

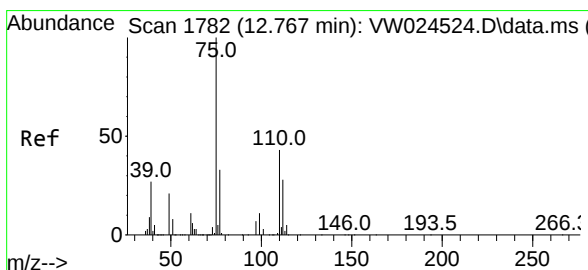
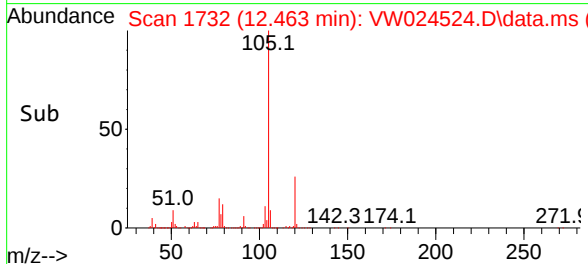
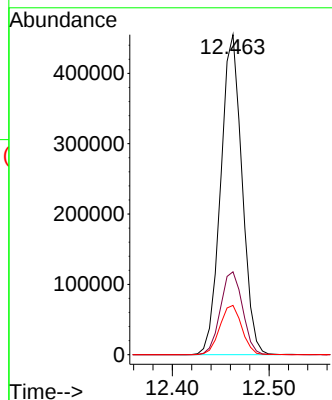
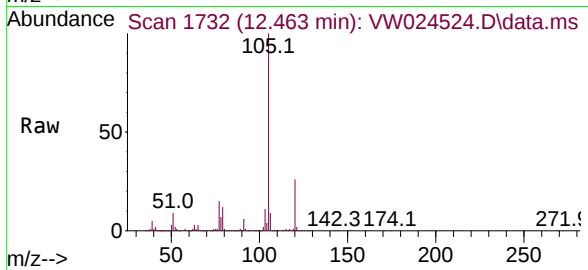
Tgt Ion:105 Resp: 695181

Ion Ratio Lower Upper

105 100

120 26.9 21.5 32.3

77 15.9 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 26.662 ug/L

RT: 12.767 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024524.D

Acq: 02 Sep 2022 10:23

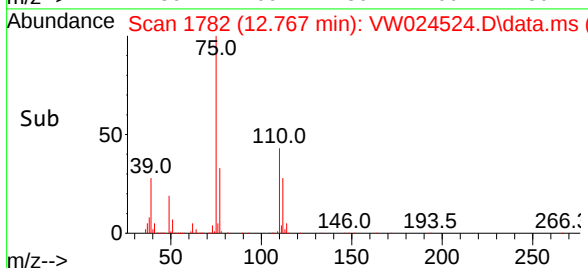
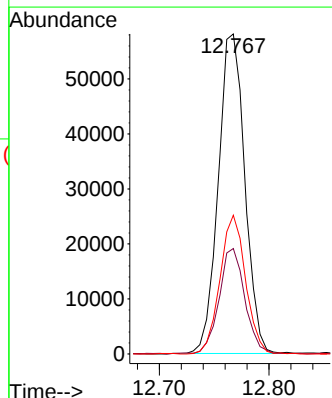
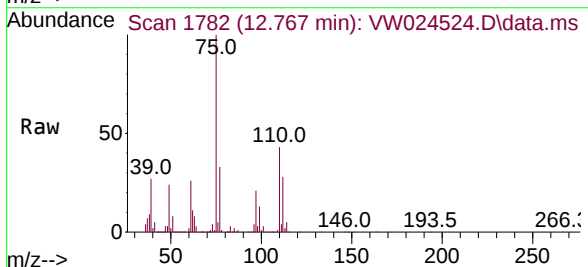
Tgt Ion: 75 Resp: 97654

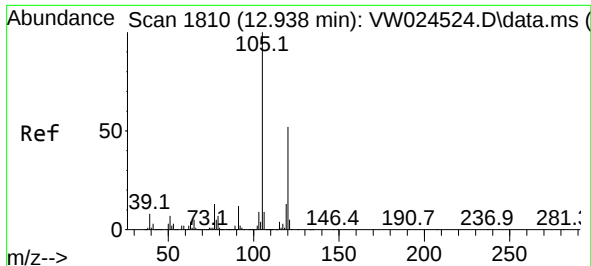
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

110 41.9 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 27.829 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024524.D

Acq: 02 Sep 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

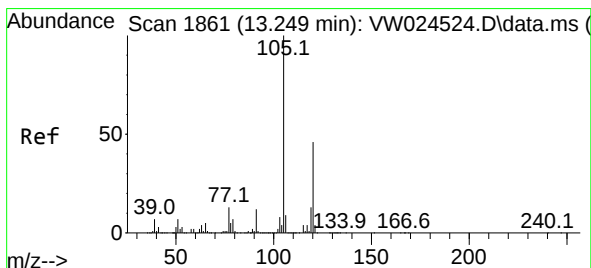
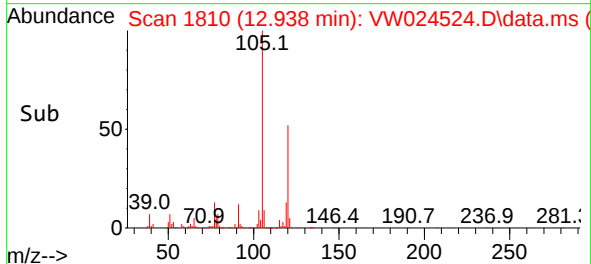
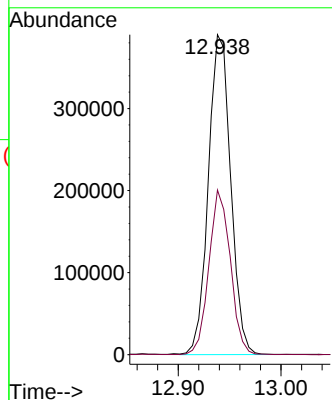
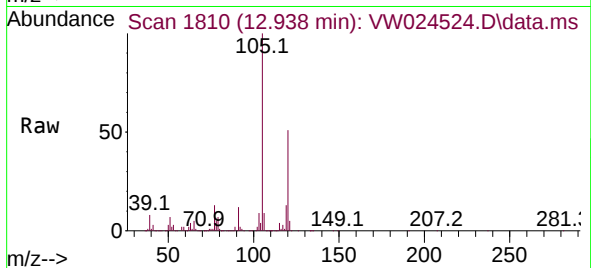
VSTD025427

Tgt Ion:105 Resp: 588821

Ion Ratio Lower Upper

105 100

120 49.3 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 27.982 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW024524.D

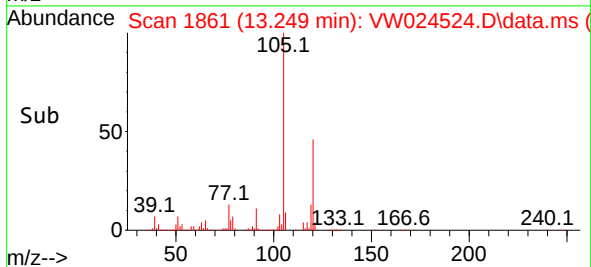
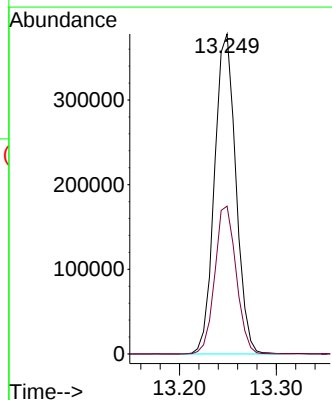
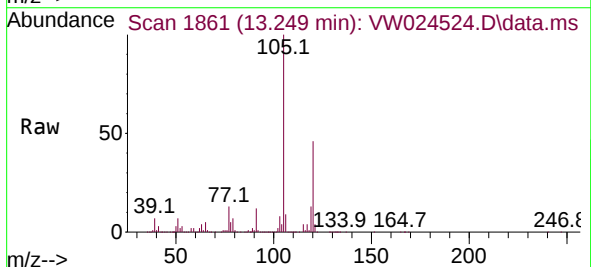
Acq: 02 Sep 2022 10:23

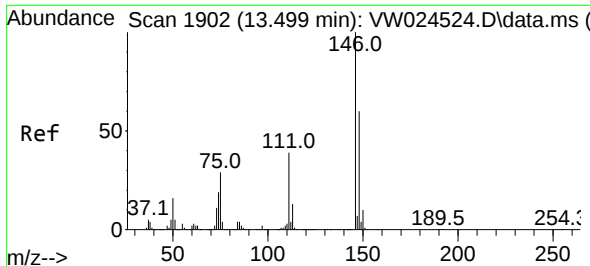
Tgt Ion:105 Resp: 579451

Ion Ratio Lower Upper

105 100

120 46.2 37.0 55.4

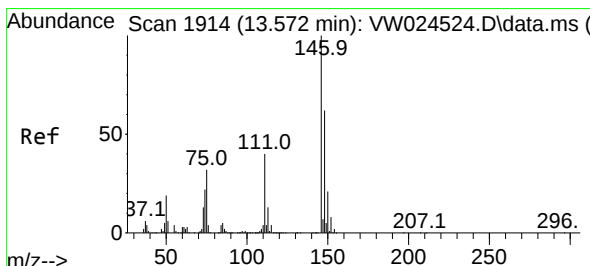
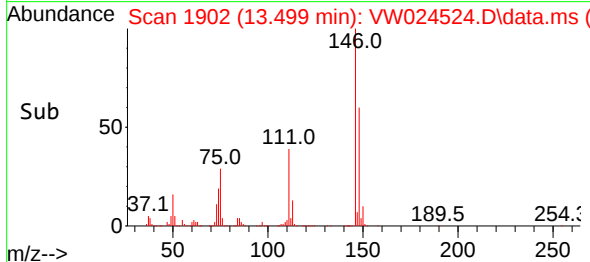
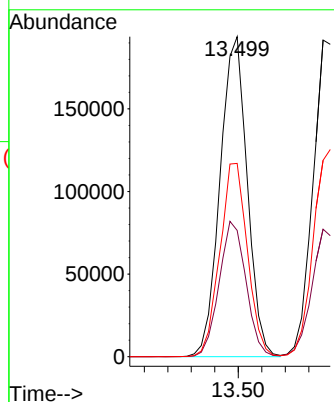
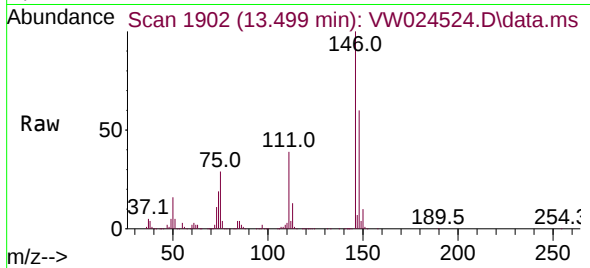




#64
1,3-Dichlorobenzene
Concen: 27.253 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

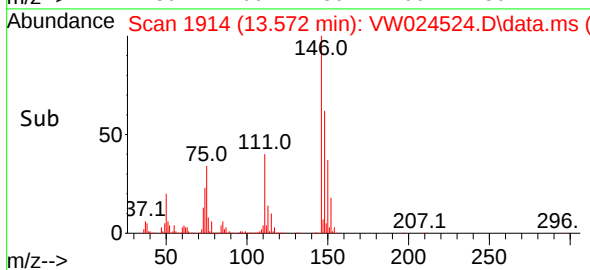
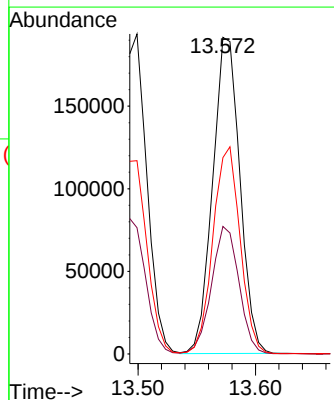
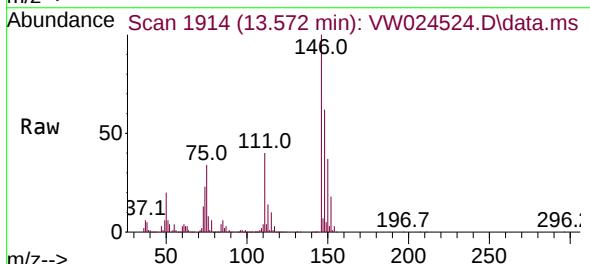
Instrument :
MSVOA_W
ClientSampleId :
VSTD025427

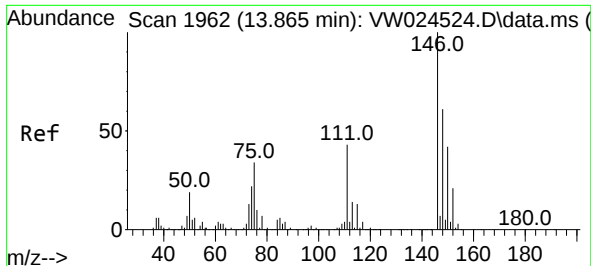
Tgt Ion:146 Resp: 311368
Ion Ratio Lower Upper
146 100
111 39.5 27.6 51.4
148 60.4 42.3 78.5



#65
1,4-Dichlorobenzene
Concen: 26.365 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024524.D
Acq: 02 Sep 2022 10:23

Tgt Ion:146 Resp: 308594
Ion Ratio Lower Upper
146 100
111 40.3 28.2 52.4
148 62.0 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 27.516 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024524.D

Acq: 02 Sep 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025427

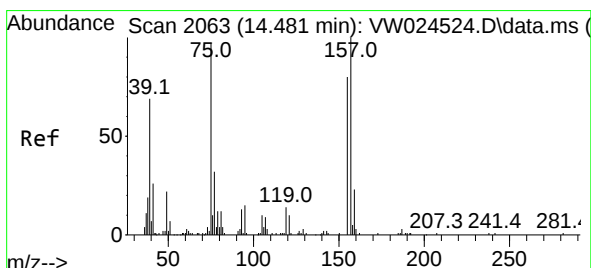
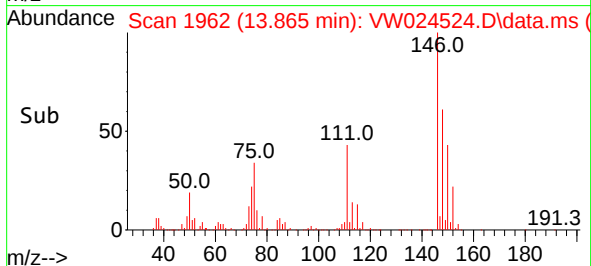
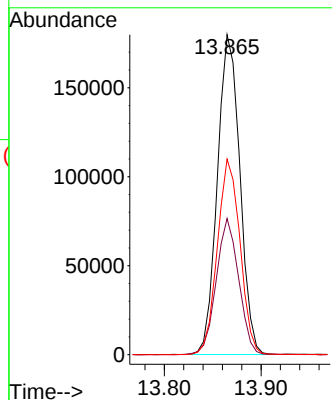
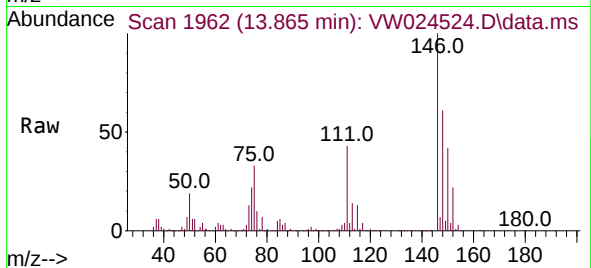
Tgt Ion:146 Resp: 290232

Ion Ratio Lower Upper

146 100

111 42.6 34.1 51.1

148 61.1 48.9 73.3



#68

1,2-Dibromo-3-chloropropane

Concen: 24.612 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024524.D

Acq: 02 Sep 2022 10:23

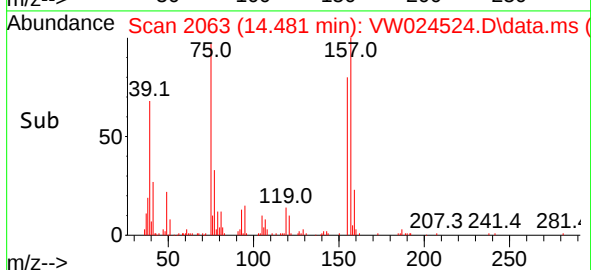
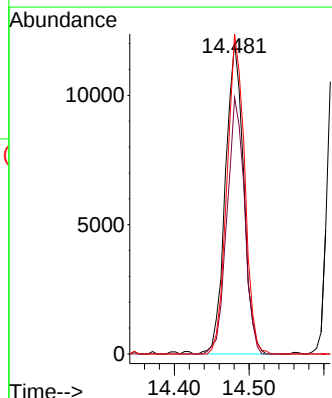
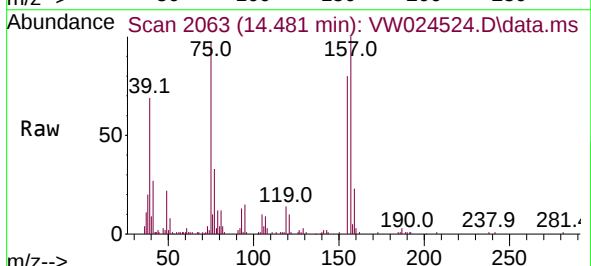
Tgt Ion: 75 Resp: 20404

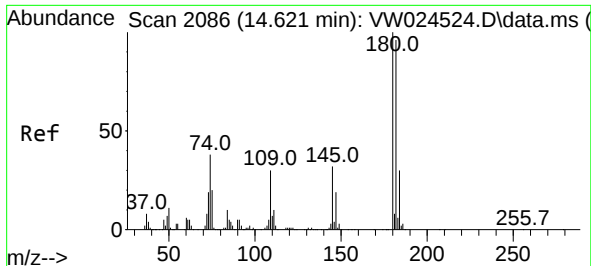
Ion Ratio Lower Upper

75 100

155 82.3 65.8 98.8

157 102.8 82.2 123.4





#69

1,3,5-Trichlorobenzene

Concen: 27.503 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW024524.D

Acq: 02 Sep 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025427

Tgt Ion:180 Resp: 202007

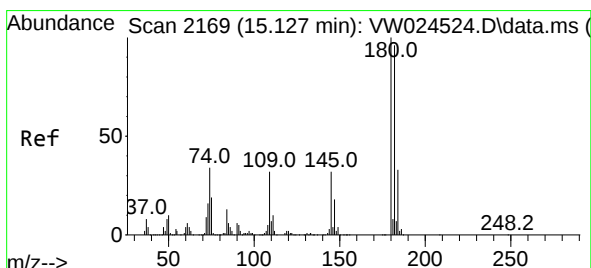
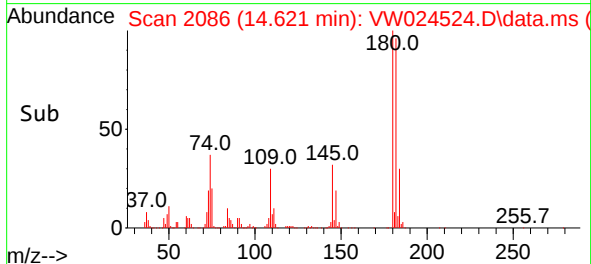
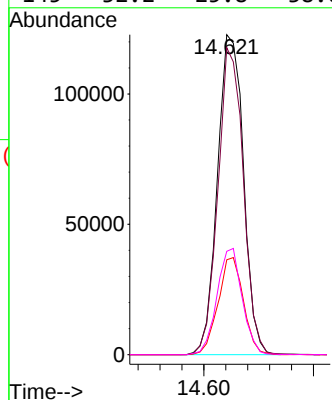
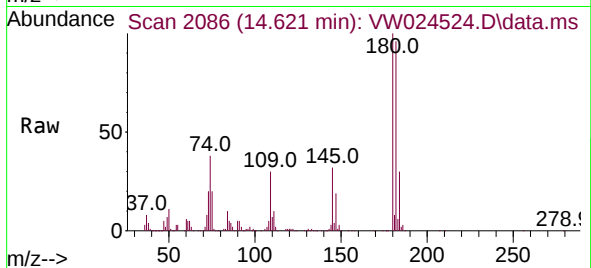
Ion Ratio Lower Upper

180 100

182 93.7 75.0 112.4

184 29.6 23.7 35.5

145 32.2 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 28.420 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024524.D

Acq: 02 Sep 2022 10:23

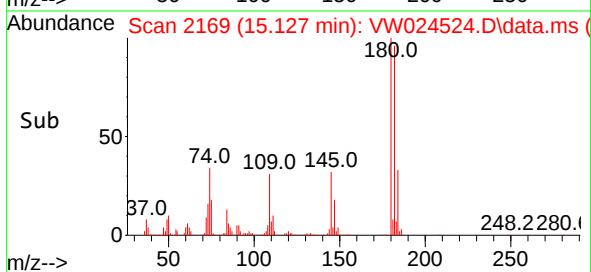
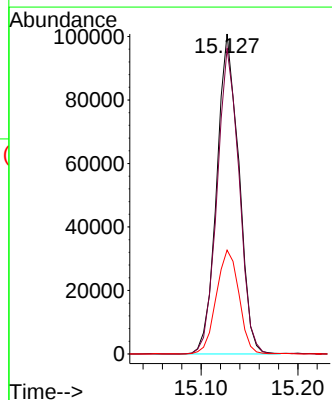
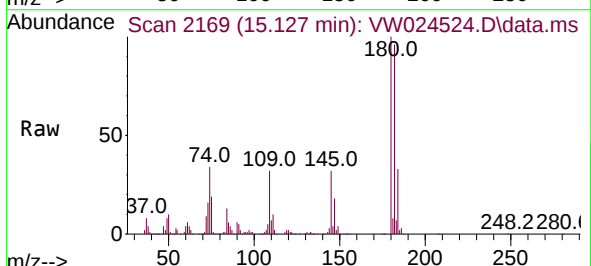
Tgt Ion:180 Resp: 159622

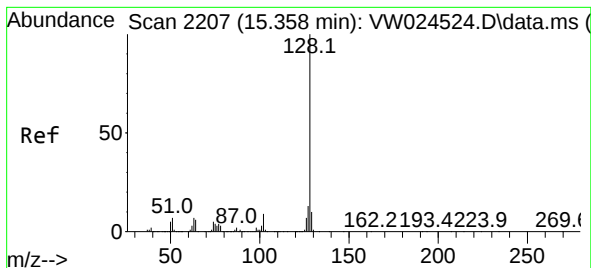
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

145 33.3 26.6 40.0





#71

Naphthalene

Concen: 30.181 ug/L

RT: 15.358 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW024524.D

Acq: 02 Sep 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD025427

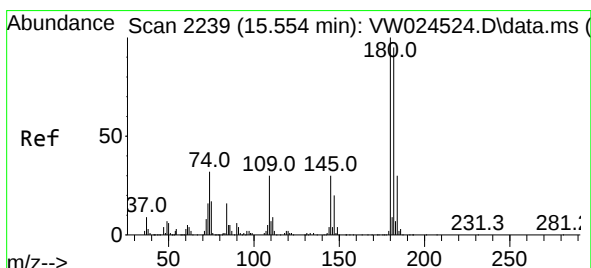
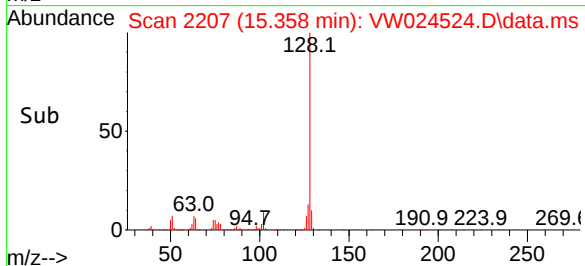
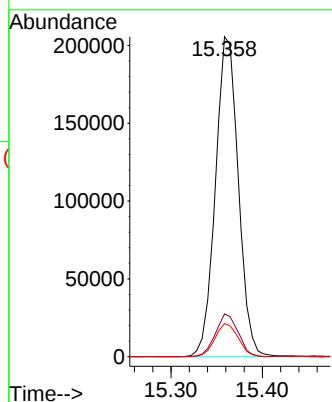
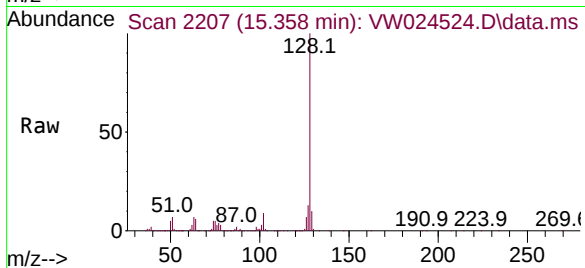
Tgt Ion:128 Resp: 358379

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.5 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 27.629 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VW024524.D

Acq: 02 Sep 2022 10:23

Tgt Ion:180 Resp: 139951

Ion Ratio Lower Upper

180 100

182 98.1 78.5 117.7

145 35.4 28.3 42.5

