

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090222\
 Data File : VW024528.D
 Acq On : 02 Sep 2022 12:25
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025560

Quant Time: Sep 02 23:54:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 02 23:48:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	361469	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	344483	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	185058	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	182517	25.299	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.200%
7) Chloroethane-d5	2.873	69	135406	25.209	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.840%
11) 1,1-Dichloroethene-d2	4.013	63	205022	24.135	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.520%
21) 2-Butanone-d5	7.074	46	57360	50.418	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.840%
24) Chloroform-d	7.647	84	232768	24.183	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.720%
26) 1,2-Dichloroethane-d4	8.305	65	124340	23.920	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.680%
32) Benzene-d6	8.275	84	452900	25.203	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	9.274	67	129649	24.657	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.640%
41) Toluene-d8	10.323	98	437867	25.587	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.360%
43) trans-1,3-Dichloroprop...	10.579	79	57249	24.959	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.840%
47) 2-Hexanone-d5	10.920	63	49124	54.543	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.080%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	118889	24.871	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	143968	23.781	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.120%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	29686	28.782	ug/L	100
3) Chloromethane	2.215	50	125680	24.971	ug/L	98
5) Vinyl chloride	2.355	62	203425	22.770	ug/L	100
6) Bromomethane	2.769	94	135672	22.389	ug/L	99
8) Chloroethane	2.910	64	112687	23.851	ug/L	99
9) Trichlorofluoromethane	3.245	101	96955	28.742	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	119952	23.733	ug/L	97
12) 1,1-Dichloroethene	4.031	96	105206	23.566	ug/L	90
13) Acetone	4.123	43	37190	42.004	ug/L	87
14) Carbon disulfide	4.379	76	285411	23.258	ug/L	98
15) Methyl Acetate	4.672	43	52279	24.280	ug/L	98
16) Methylene chloride	4.915	84	116669	22.801	ug/L	97
17) trans-1,2-Dichloroethene	5.415	96	116854	23.603	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	216276	25.201	ug/L	100
19) 1,1-Dichloroethane	6.214	63	212562	23.708	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	132264	24.598	ug/L	92
22) 2-Butanone	7.171	43	70695	48.835	ug/L	100
23) Bromochloromethane	7.519	128	62760	25.100	ug/L	80
25) Chloroform	7.677	83	237845	24.162	ug/L	99

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 Response via : Initial Calibration

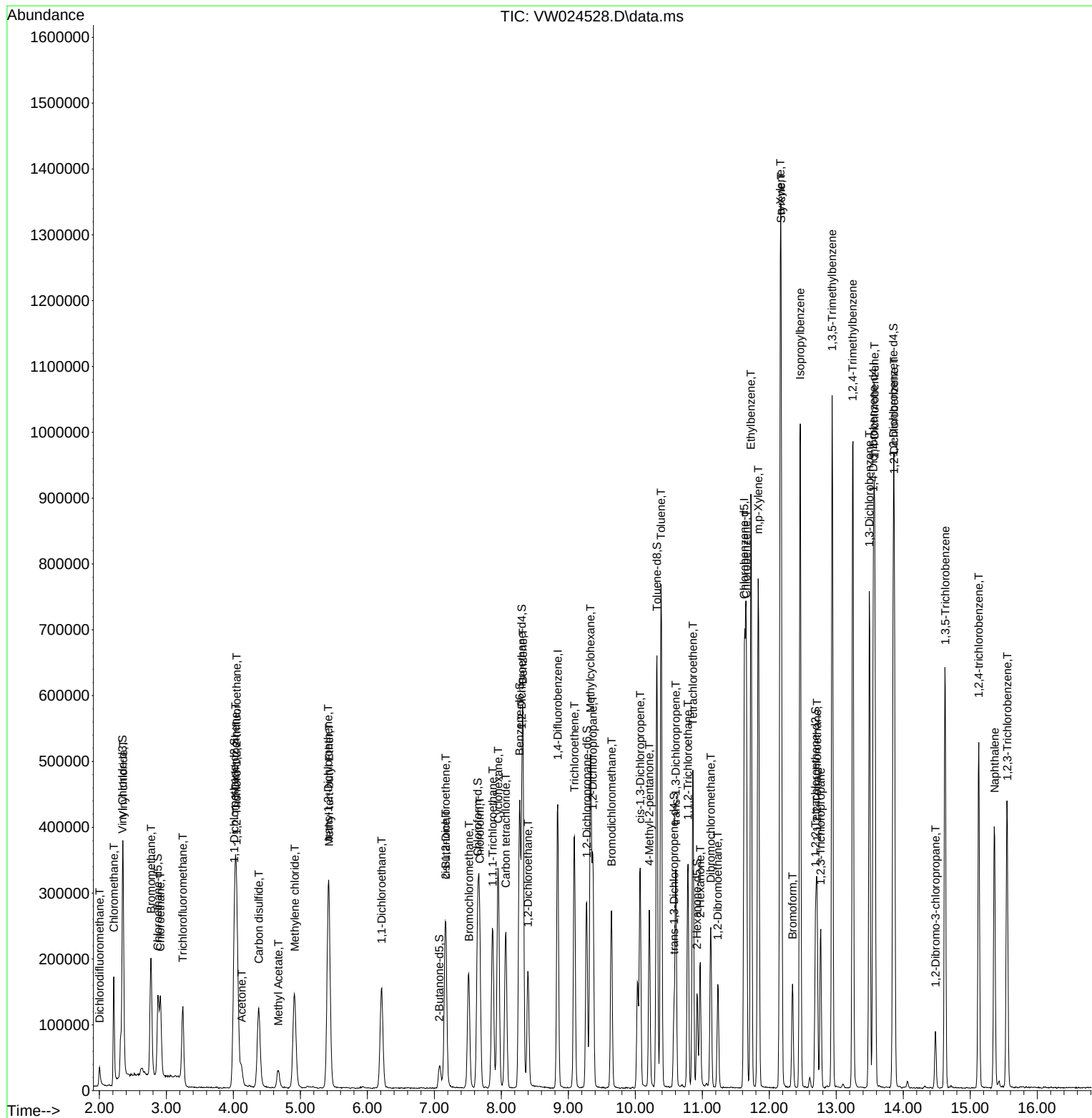
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	156014	24.129	ug/L	98
29) Cyclohexane	7.951	56	179109	25.042	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	194975	25.022	ug/L	96
31) Carbon tetrachloride	8.067	117	174483	24.696	ug/L	96
33) Benzene	8.323	78	505941	24.698	ug/L	100
34) Trichloroethene	9.092	95	133605	24.571	ug/L	96
35) Methylcyclohexane	9.329	83	208274	24.205	ug/L	99
37) 1,2-Dichloropropane	9.366	63	122888	24.895	ug/L	100
38) Bromodichloromethane	9.646	83	177837	25.487	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	191235	25.732	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	167481	54.557	ug/L	98
42) Toluene	10.384	91	559338	25.075	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	172127	25.820	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	103180	25.036	ug/L	97
46) Tetrachloroethene	10.860	164	96513	24.288	ug/L	89
48) 2-Hexanone	10.969	43	116519	57.050	ug/L	99
49) Dibromochloromethane	11.128	129	127032	26.232	ug/L	99
50) 1,2-Dibromoethane	11.231	107	101164	25.919	ug/L	94
51) Chlorobenzene	11.658	112	366799	24.231	ug/L	98
52) Ethylbenzene	11.725	91	633988	25.390	ug/L	99
53) m,p-Xylene	11.835	106	249587	25.560	ug/L	98
54) o-Xylene	12.164	106	235077	25.148	ug/L	100
55) Styrene	12.176	104	432711	26.649	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	130985	25.682	ug/L	97
59) Bromoform	12.347	173	67435	25.099	ug/L	99
60) Isopropylbenzene	12.463	105	650643	24.871	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	94956	25.418	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	546579	25.327	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	544028	25.757	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	296348	25.431	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	292360	24.489	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	264553	24.590	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	20440	24.173	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	185735	24.792	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	155365	27.121	ug/L	96
71) Naphthalene	15.365	128	343481	28.361	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	135749	26.275	ug/L	95

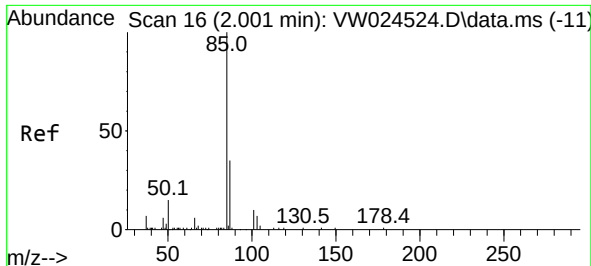
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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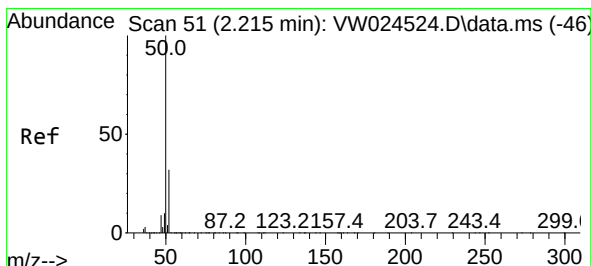
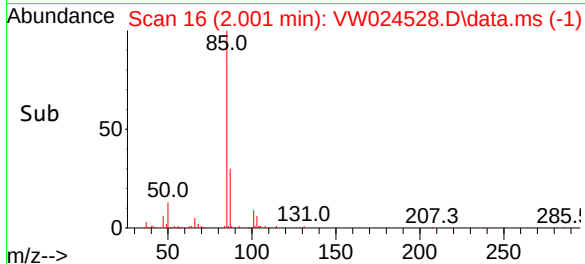
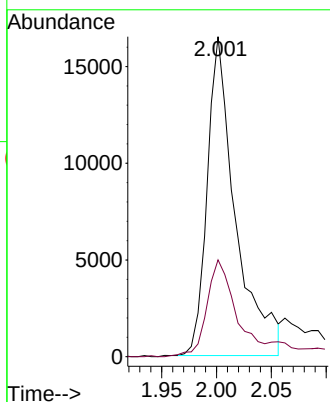
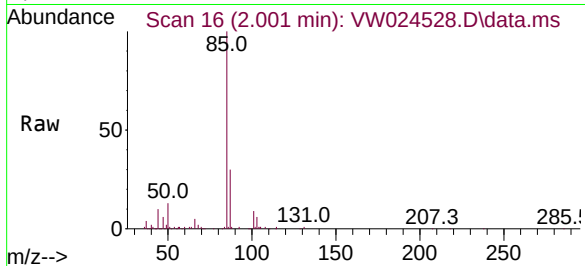




#2
 Dichlorodifluoromethane
 Concen: 28.782 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024528.D
 Acq: 02 Sep 2022 12:25

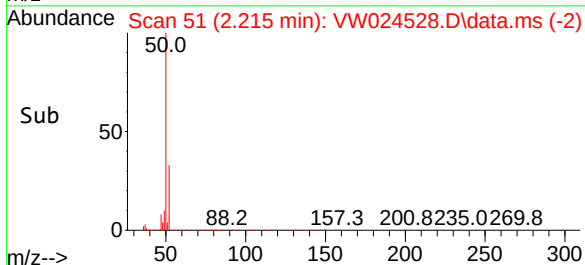
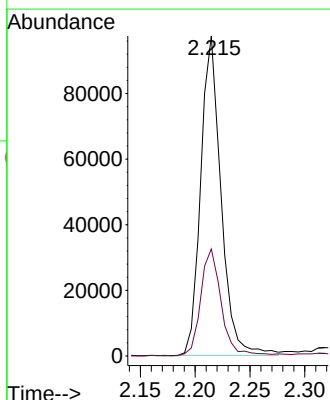
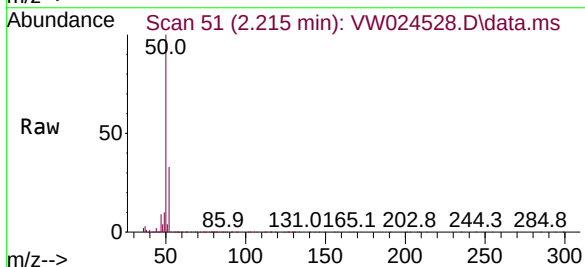
Instrument :
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 ClientSampleId :
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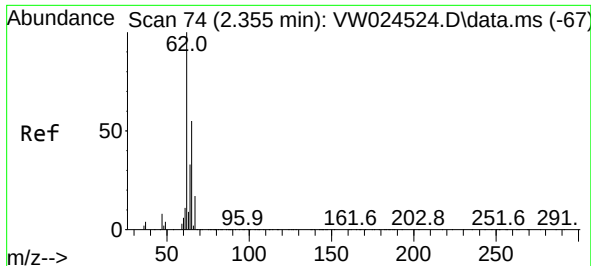
Tgt Ion: 85 Resp: 29686
 Ion Ratio Lower Upper
 85 100
 87 31.2 25.0 37.6



#3
 Chloromethane
 Concen: 24.971 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW024528.D
 Acq: 02 Sep 2022 12:25

Tgt Ion: 50 Resp: 125680
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.7 42.1

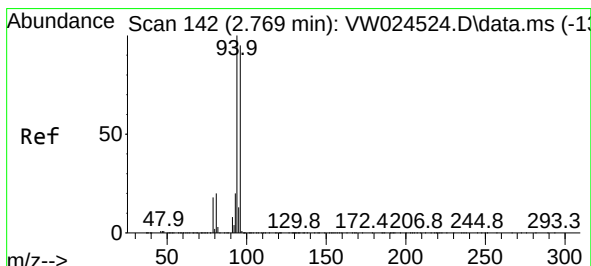
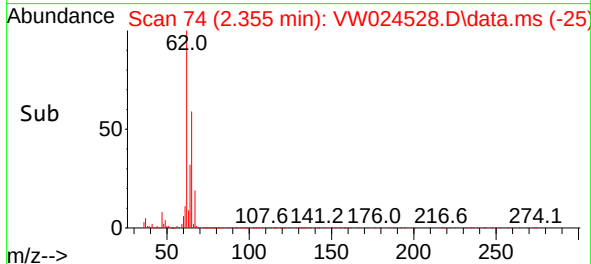
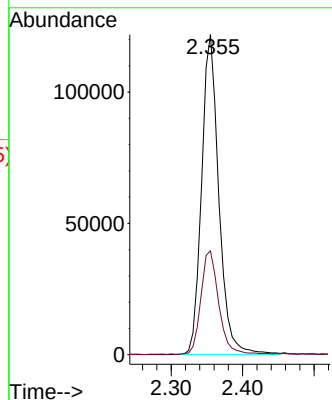
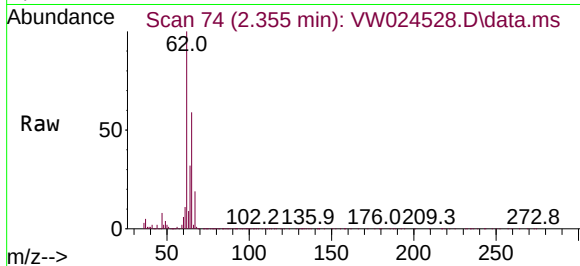




#5
 Vinyl chloride
 Concen: 22.770 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW024528.D
 Acq: 02 Sep 2022 12:25

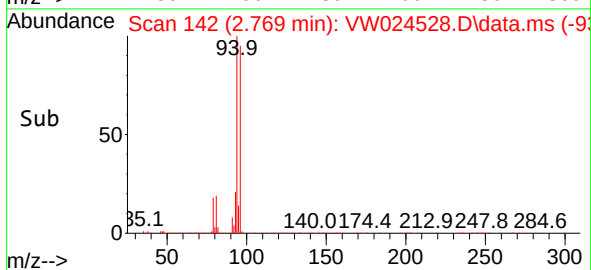
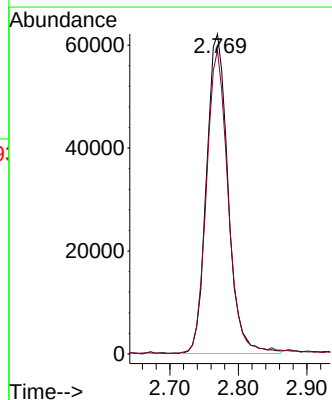
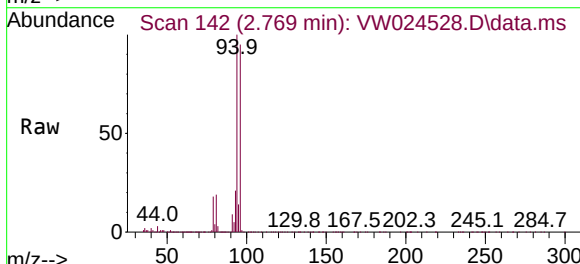
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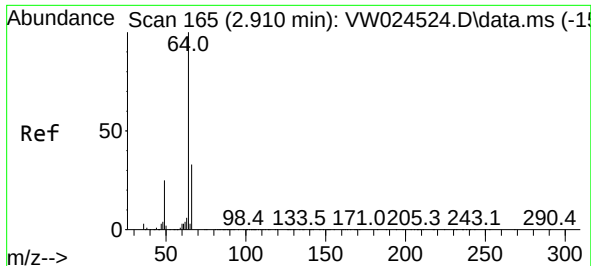
Tgt Ion: 62 Resp: 203425
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.9 42.5



#6
 Bromomethane
 Concen: 22.389 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW024528.D
 Acq: 02 Sep 2022 12:25

Tgt Ion: 94 Resp: 135672
 Ion Ratio Lower Upper
 94 100
 96 94.9 66.8 124.2

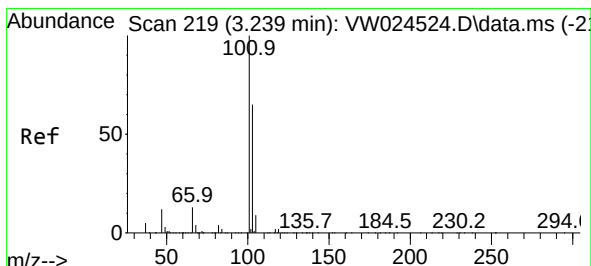
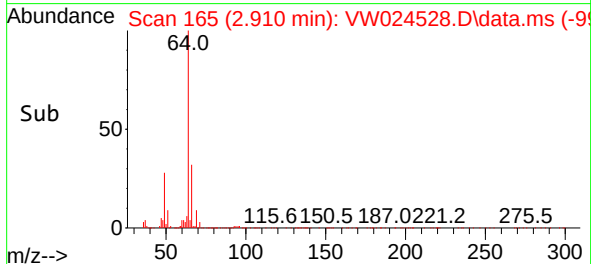
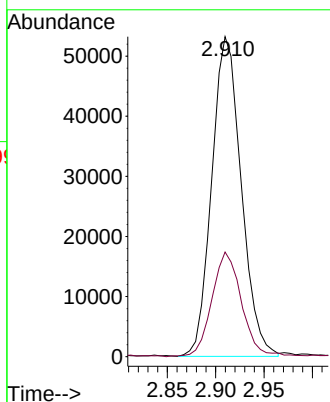
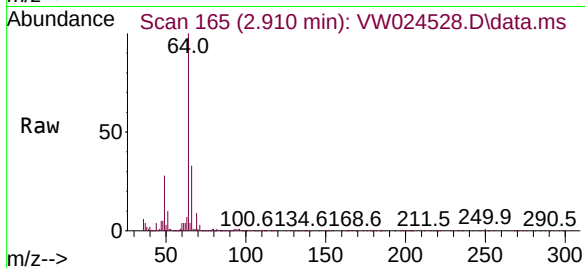




#8
Chloroethane
Concen: 23.851 ug/L
RT: 2.910 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

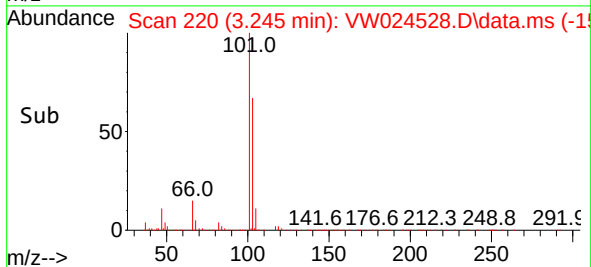
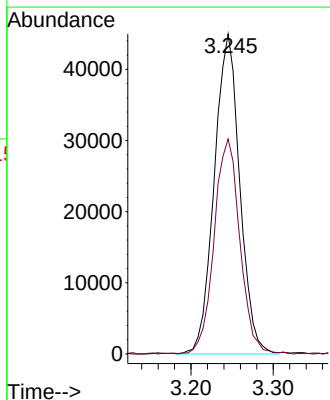
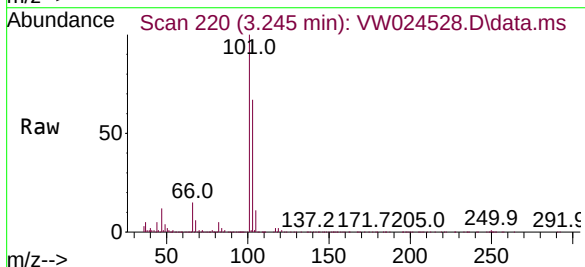
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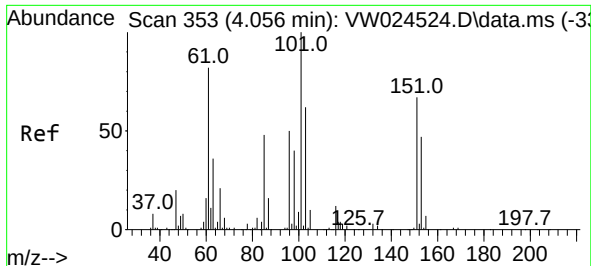
Tgt Ion: 64 Resp: 112687
Ion Ratio Lower Upper
64 100
66 32.7 23.2 43.0



#9
Trichlorofluoromethane
Concen: 28.742 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.006 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

Tgt Ion: 101 Resp: 96955
Ion Ratio Lower Upper
101 100
103 67.6 51.8 77.6

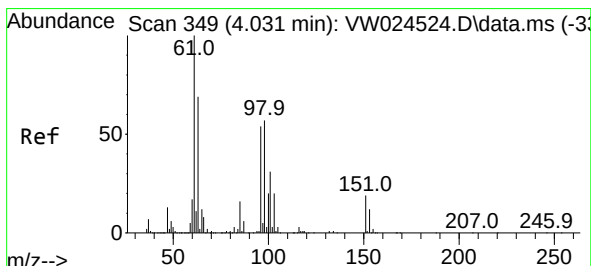
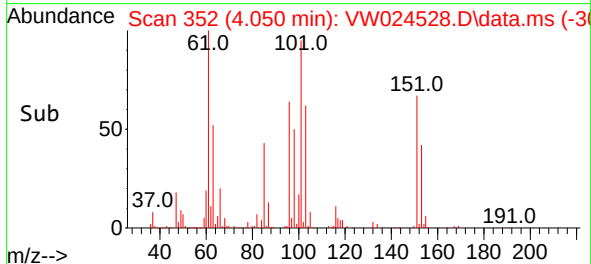
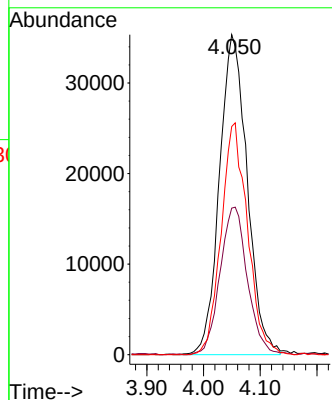
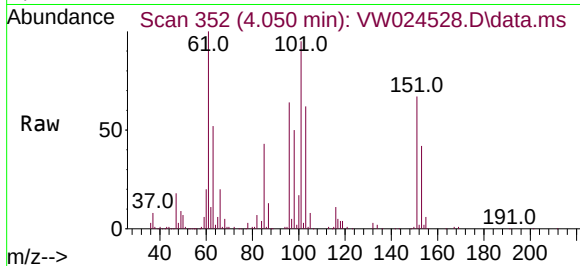




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.733 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. -0.006 min
 Lab File: VW024528.D
 Acq: 02 Sep 2022 12:25

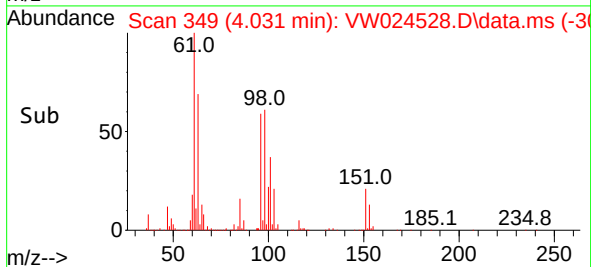
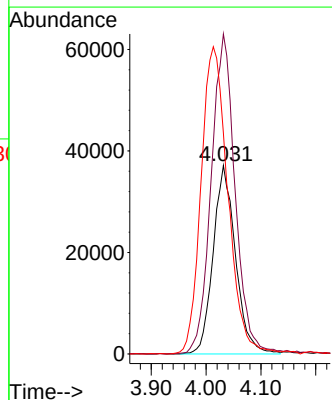
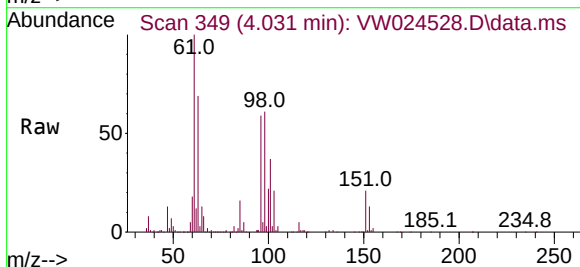
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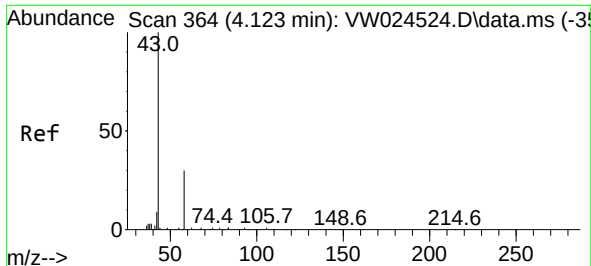
Tgt Ion:101 Resp: 119952
 Ion Ratio Lower Upper
 101 100
 85 45.4 37.1 55.7
 151 68.9 52.9 79.3



#12
 1,1-Dichloroethene
 Concen: 23.566 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. 0.000 min
 Lab File: VW024528.D
 Acq: 02 Sep 2022 12:25

Tgt Ion: 96 Resp: 105206
 Ion Ratio Lower Upper
 96 100
 61 169.8 129.1 239.8
 63 117.2 90.2 167.4

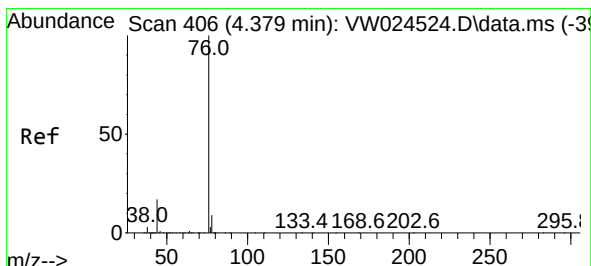
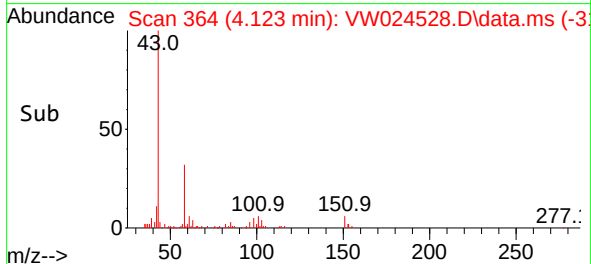
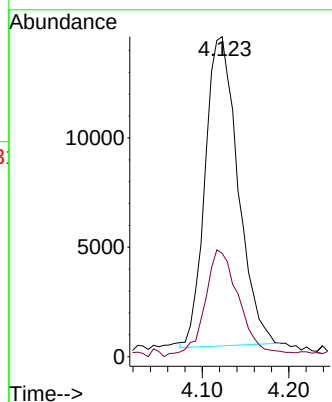
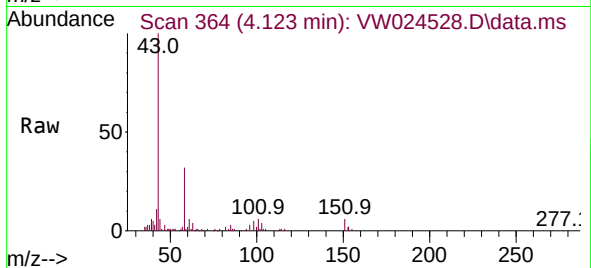




#13
Acetone
Concen: 42.004 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

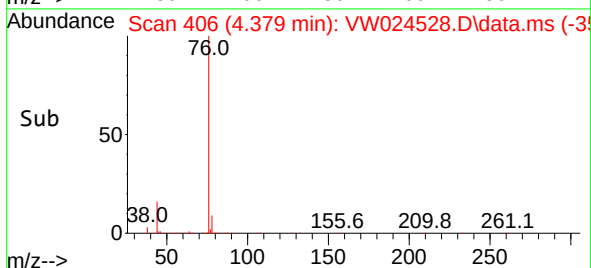
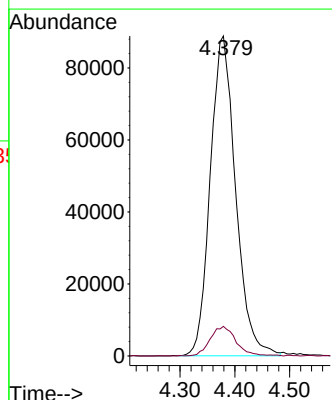
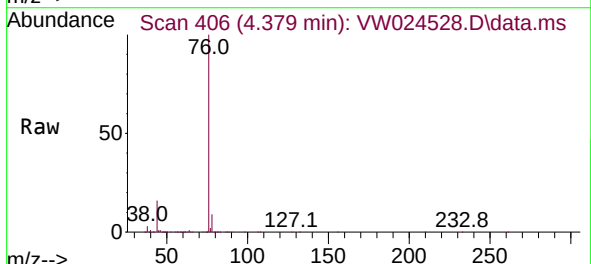
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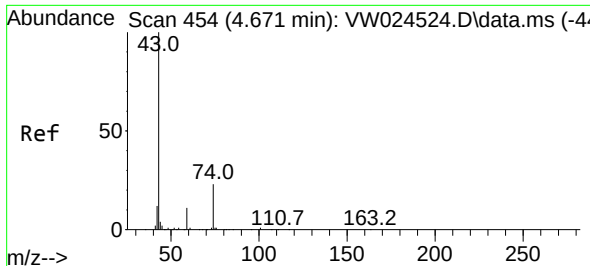
Tgt Ion: 43 Resp: 37190
Ion Ratio Lower Upper
43 100
58 36.8 0.0 59.8



#14
Carbon disulfide
Concen: 23.258 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 285411
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3

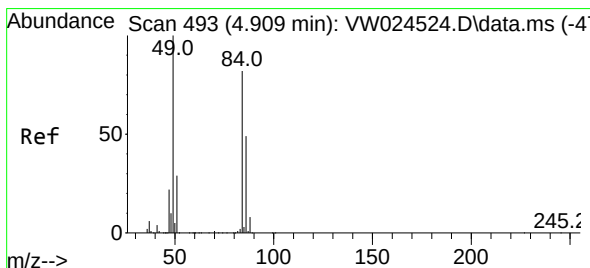
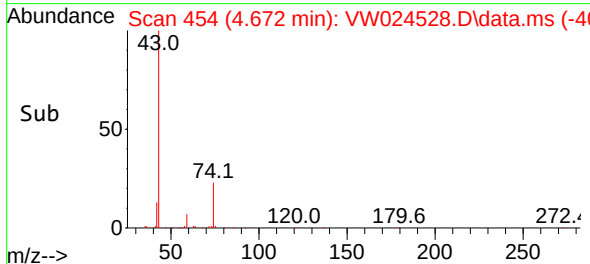
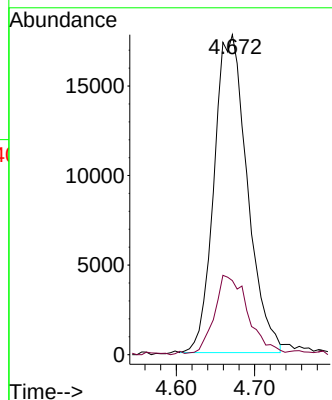
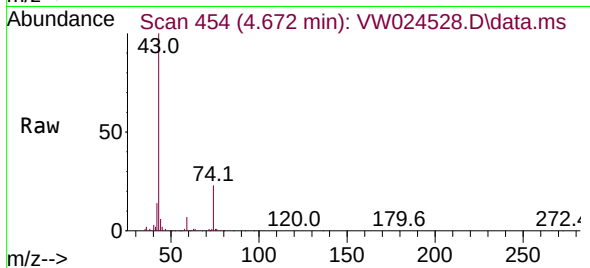




#15
Methyl Acetate
Concen: 24.280 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

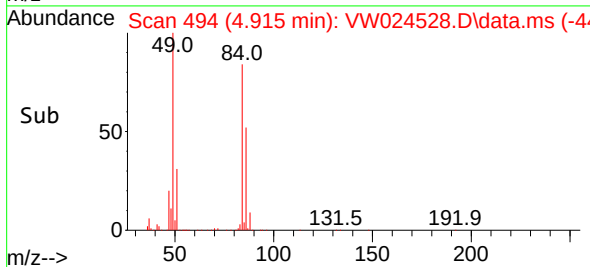
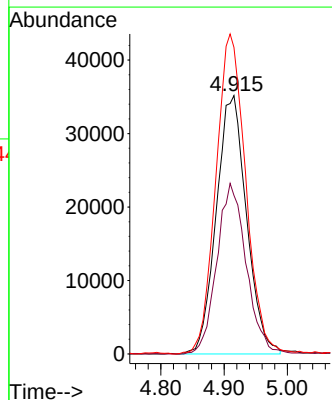
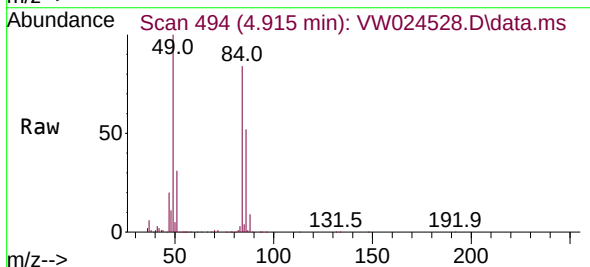
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

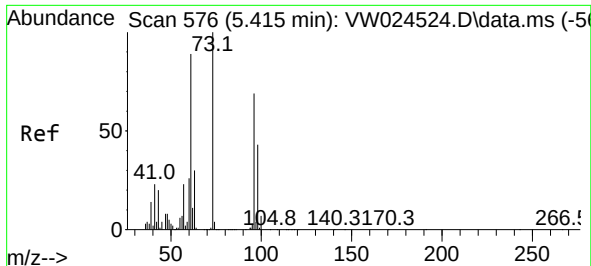
Tgt Ion: 43 Resp: 52279
Ion Ratio Lower Upper
43 100
74 25.5 19.5 29.3



#16
Methylene chloride
Concen: 22.801 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

Tgt Ion: 84 Resp: 116669
Ion Ratio Lower Upper
84 100
86 61.3 42.1 78.1
49 118.6 85.5 158.9

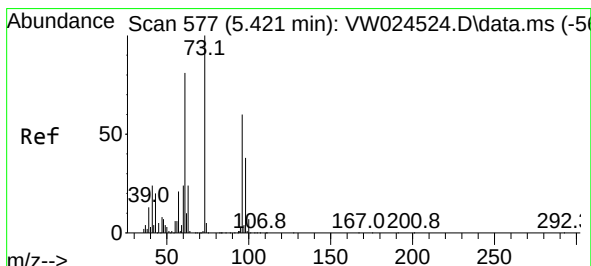
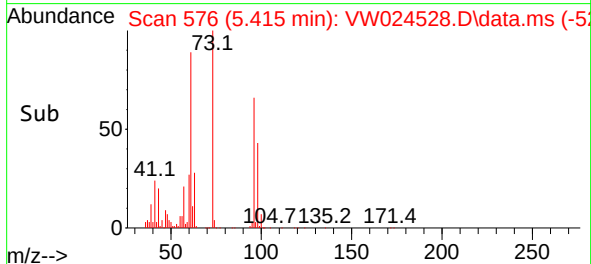
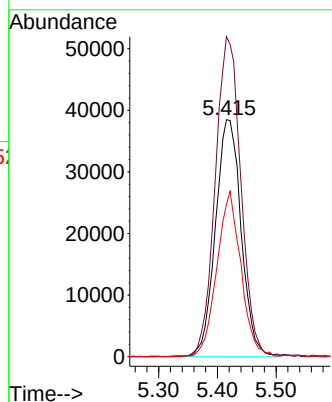
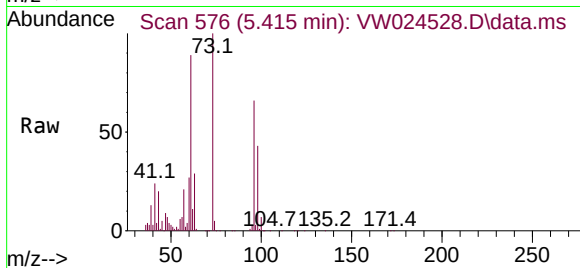




#17
trans-1,2-Dichloroethene
Concen: 23.603 ug/L
RT: 5.415 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

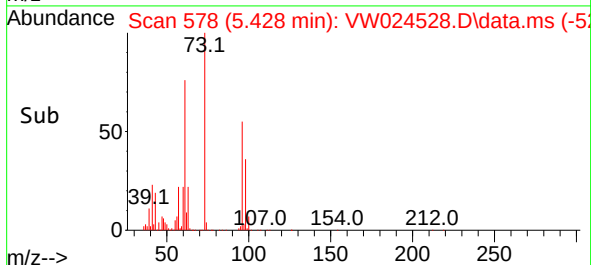
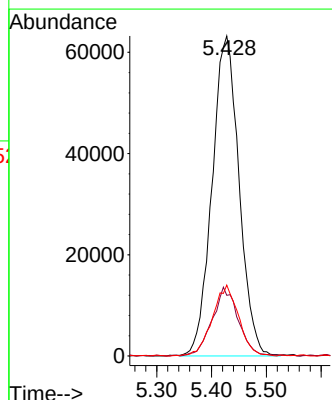
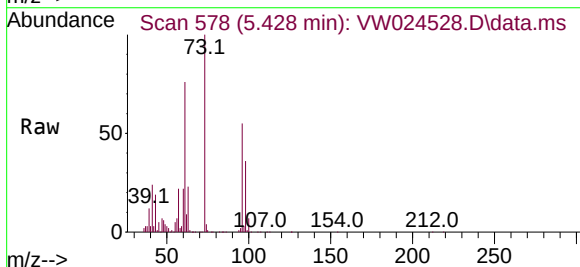
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

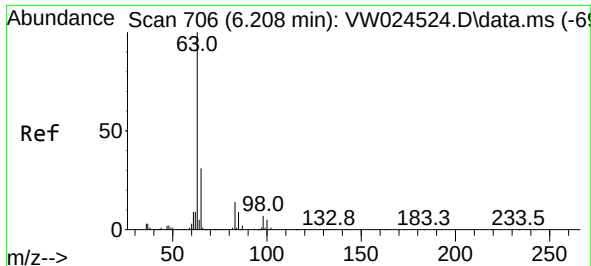
Tgt Ion: 96 Resp: 116854
Ion Ratio Lower Upper
96 100
61 135.0 90.0 167.2
98 64.2 43.3 80.3



#18
Methyl tert-butyl Ether
Concen: 25.201 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

Tgt Ion: 73 Resp: 216276
Ion Ratio Lower Upper
73 100
43 20.7 16.3 24.5
57 21.5 17.3 25.9





#19

1,1-Dichloroethane

Concen: 23.708 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW024528.D

Acq: 02 Sep 2022 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025560

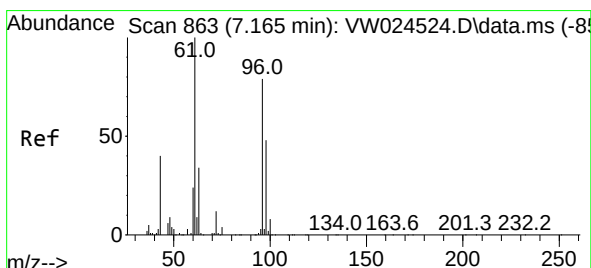
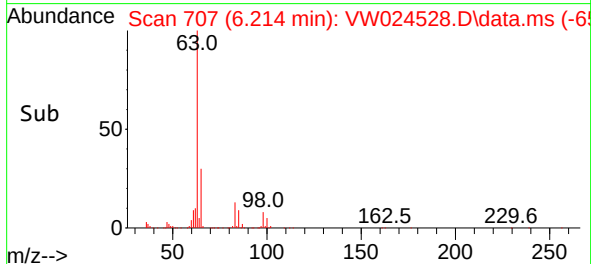
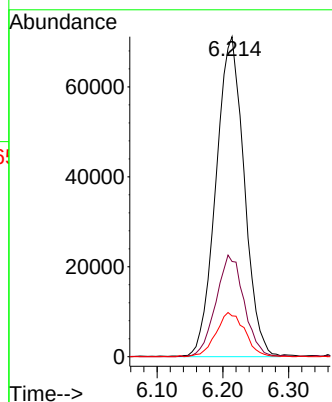
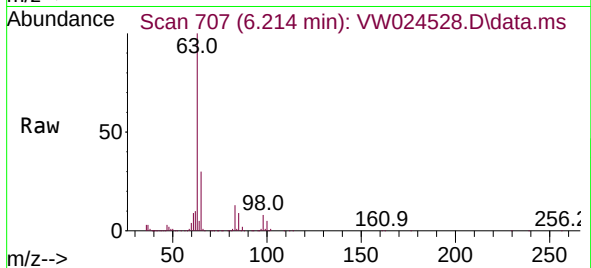
Tgt Ion: 63 Resp: 212562

Ion Ratio Lower Upper

63 100

65 29.8 21.5 39.9

83 12.8 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 24.598 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW024528.D

Acq: 02 Sep 2022 12:25

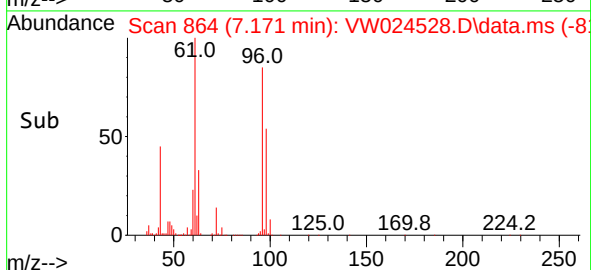
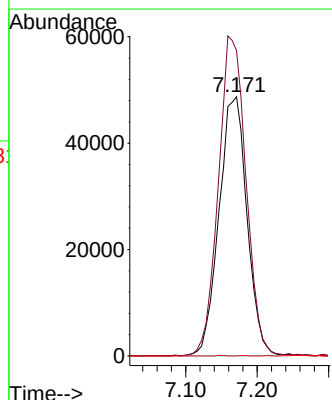
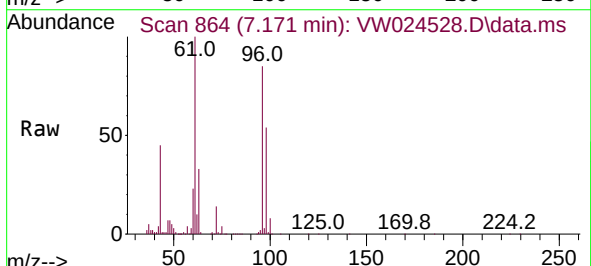
Tgt Ion: 96 Resp: 132264

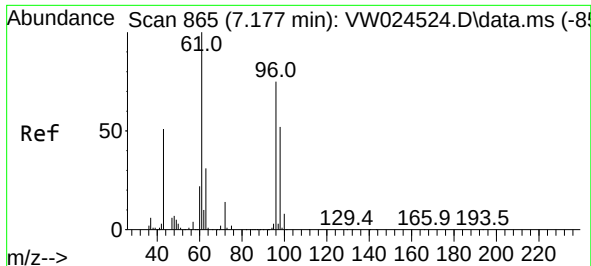
Ion Ratio Lower Upper

96 100

61 117.8 88.9 165.1

68 0.0 0.0 0.0

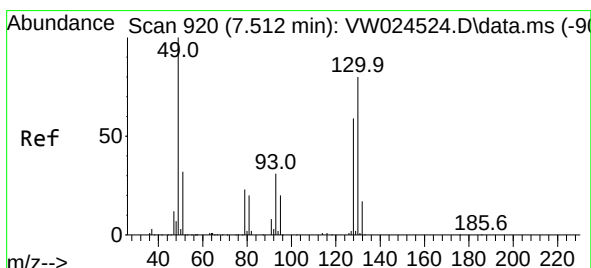
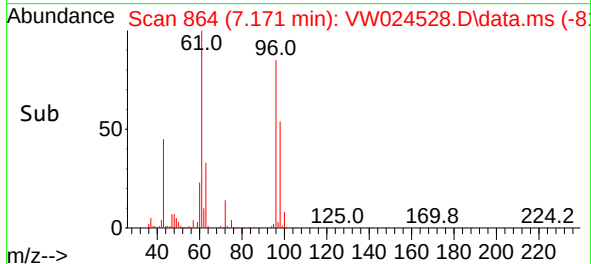
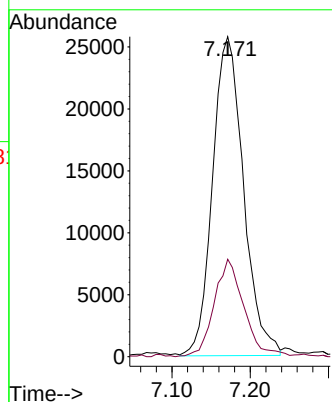
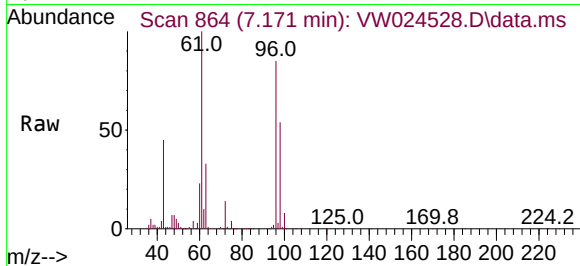




#22
2-Butanone
Concen: 48.835 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

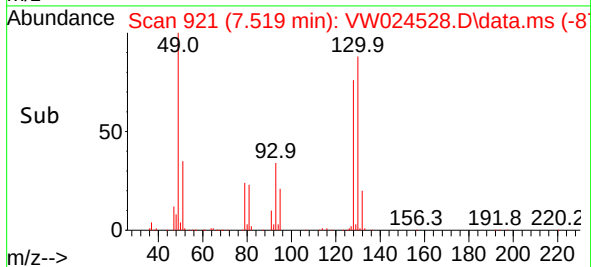
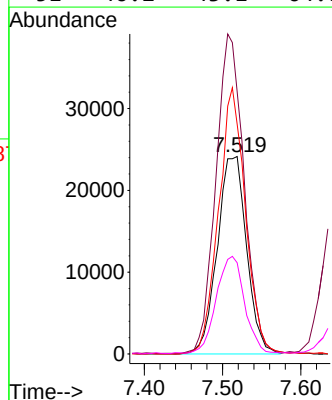
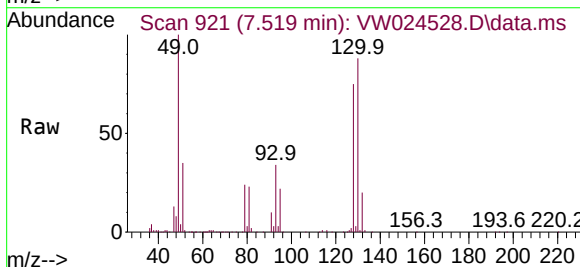
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

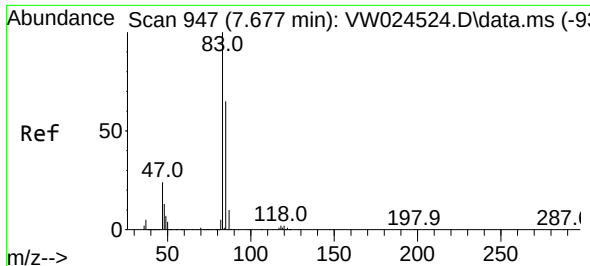
Tgt Ion: 43 Resp: 70695
Ion Ratio Lower Upper
43 100
72 29.3 14.5 43.6



#23
Bromochloromethane
Concen: 25.100 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

Tgt Ion: 128 Resp: 62760
Ion Ratio Lower Upper
128 100
49 132.9 118.2 219.6
130 116.4 94.8 176.2
51 46.2 43.1 64.7

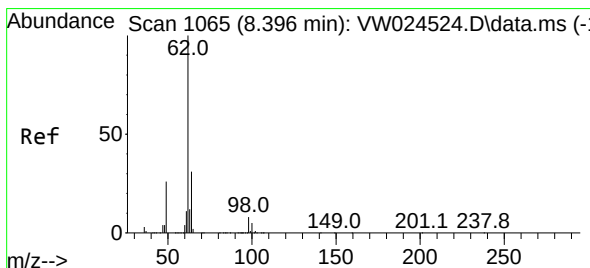
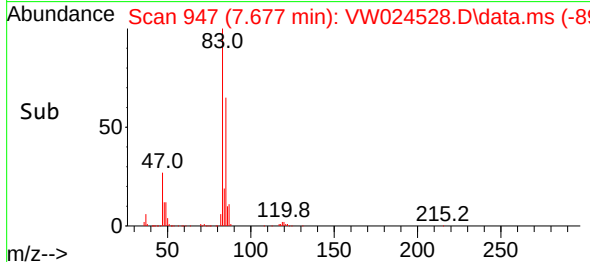
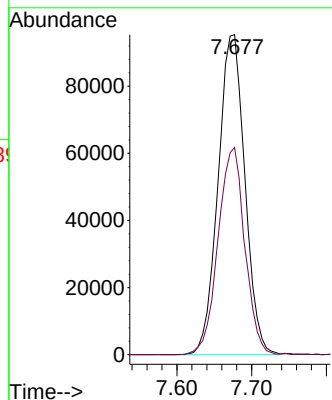
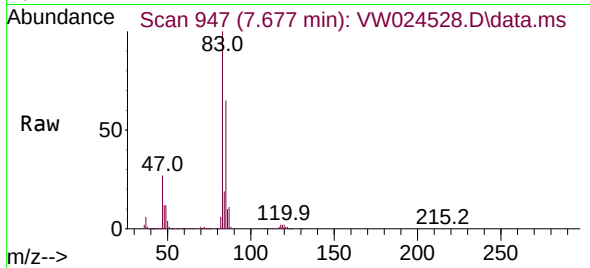




#25
Chloroform
Concen: 24.162 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

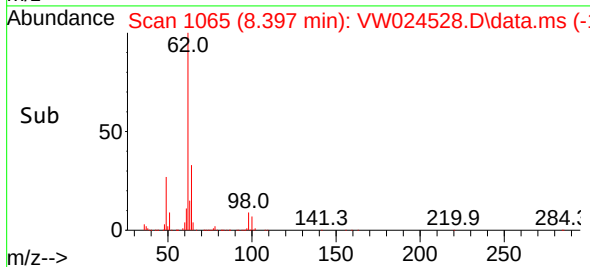
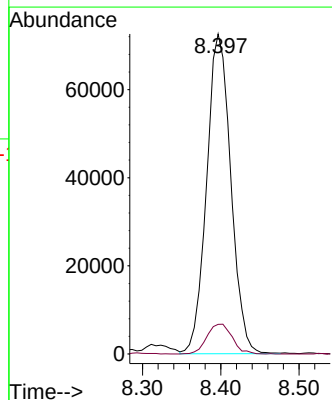
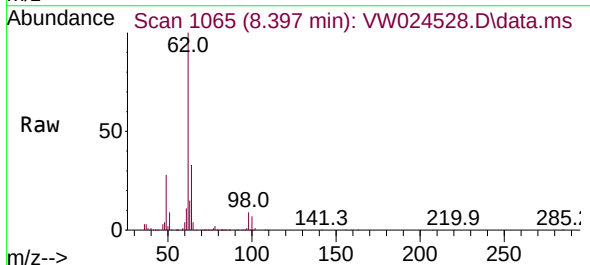
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

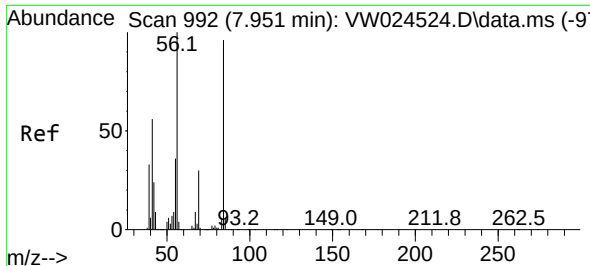
Tgt Ion: 83 Resp: 237845
Ion Ratio Lower Upper
83 100
85 64.7 45.6 84.8



#27
1,2-Dichloroethane
Concen: 24.129 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

Tgt Ion: 62 Resp: 156014
Ion Ratio Lower Upper
62 100
98 9.2 6.7 10.1

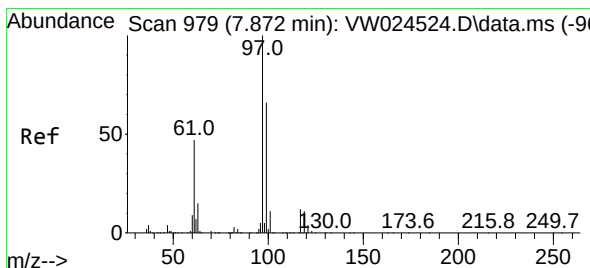
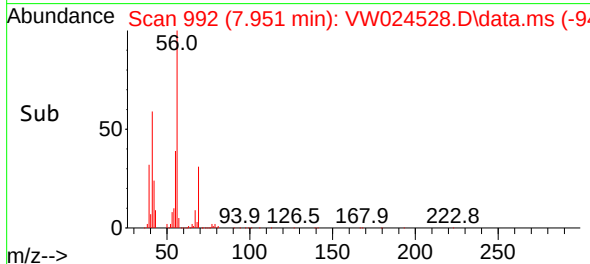
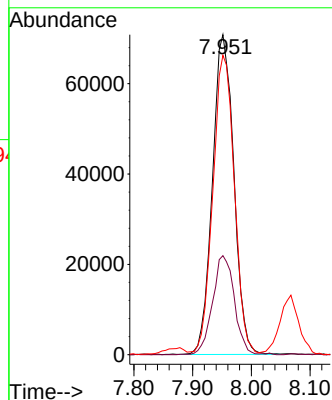
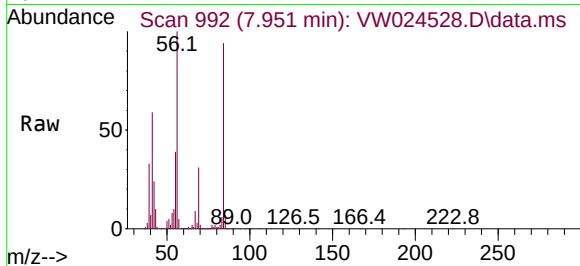




#29
Cyclohexane
Concen: 25.042 ug/L
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

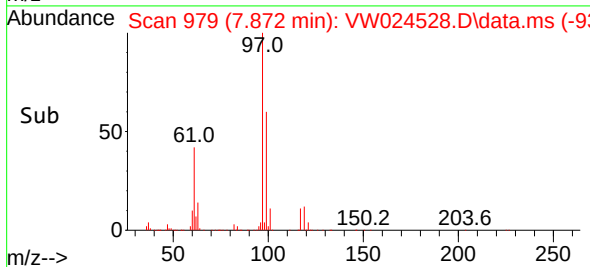
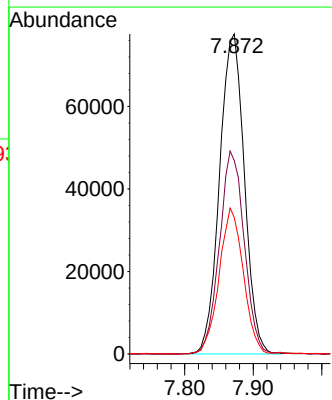
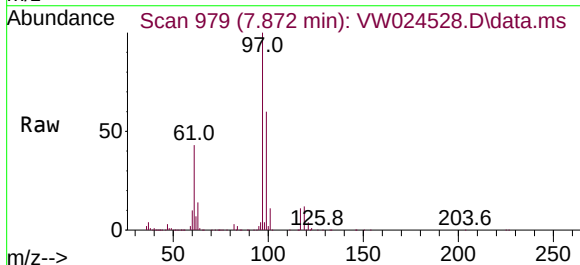
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

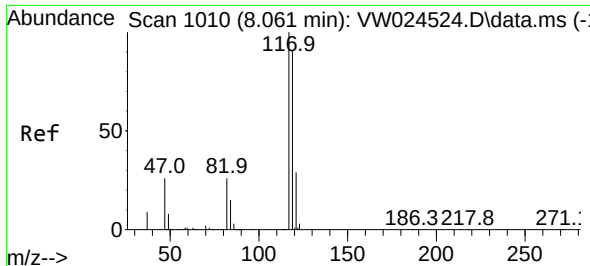
Tgt Ion: 56 Resp: 179109
Ion Ratio Lower Upper
56 100
69 31.5 24.8 37.2
84 92.7 77.3 115.9



#30
1,1,1-Trichloroethane
Concen: 25.022 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

Tgt Ion: 97 Resp: 194975
Ion Ratio Lower Upper
97 100
99 62.9 52.5 78.7
61 44.5 37.9 56.9

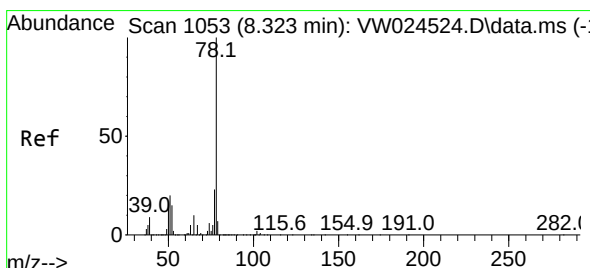
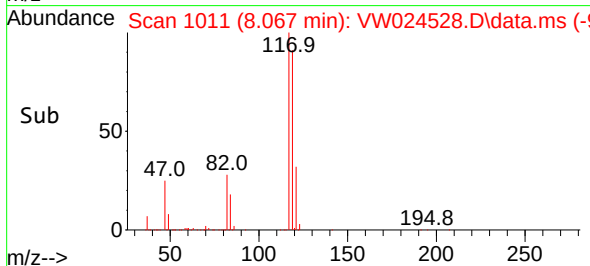
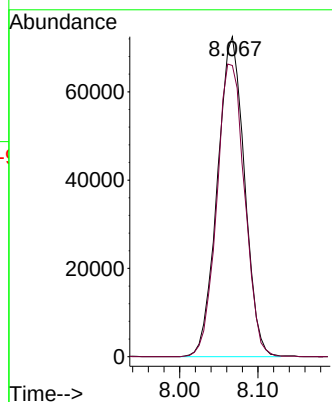
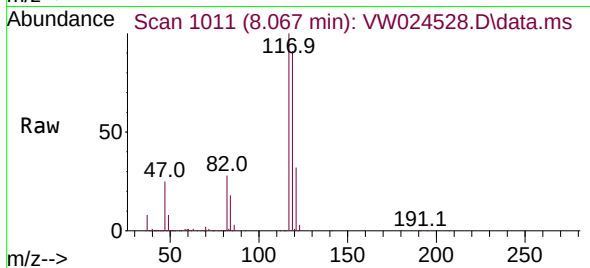




#31
Carbon tetrachloride
Concen: 24.696 ug/L
RT: 8.067 min Scan# 1010
Delta R.T. 0.006 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

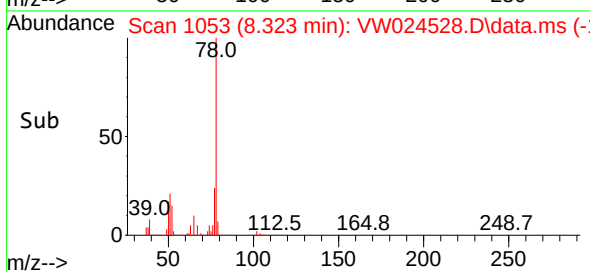
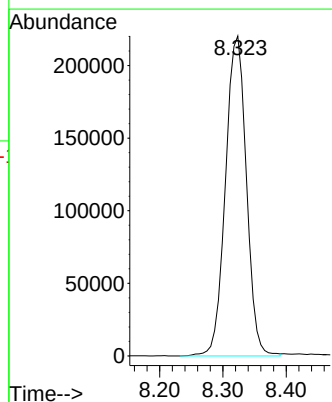
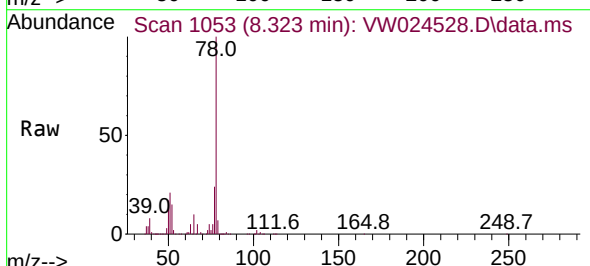
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

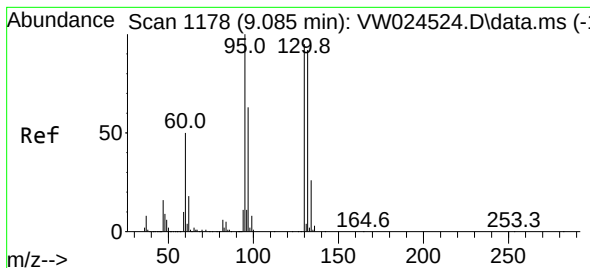
Tgt Ion:117 Resp: 174483
Ion Ratio Lower Upper
117 100
119 93.9 78.1 117.1



#33
Benzene
Concen: 24.698 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

Tgt Ion: 78 Resp: 505941





#34

Trichloroethene

Concen: 24.571 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VW024528.D

Acq: 02 Sep 2022 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025560

Tgt Ion: 95 Resp: 133605

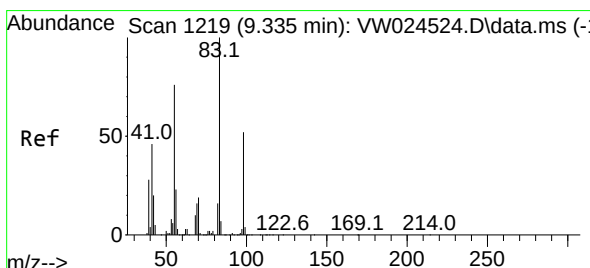
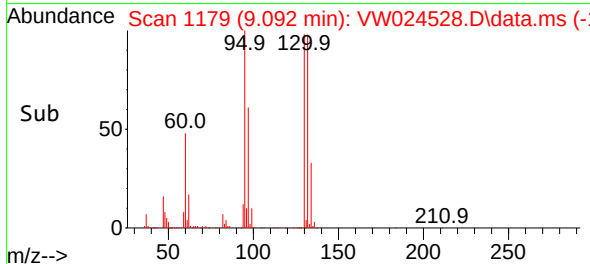
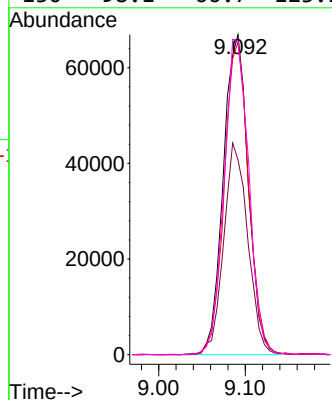
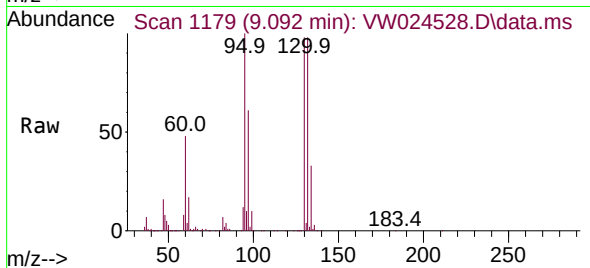
Ion Ratio Lower Upper

95 100

97 60.9 44.2 82.2

132 97.5 64.5 119.7

130 98.1 66.7 123.9



#35

Methylcyclohexane

Concen: 24.205 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW024528.D

Acq: 02 Sep 2022 12:25

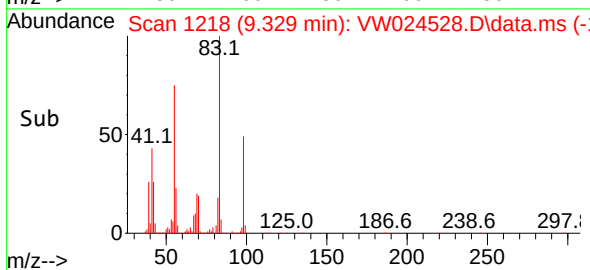
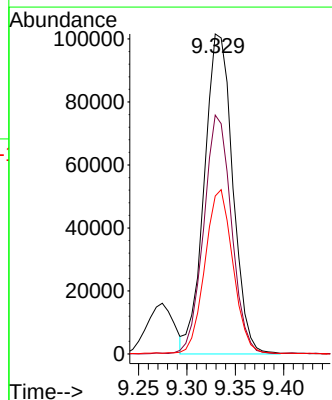
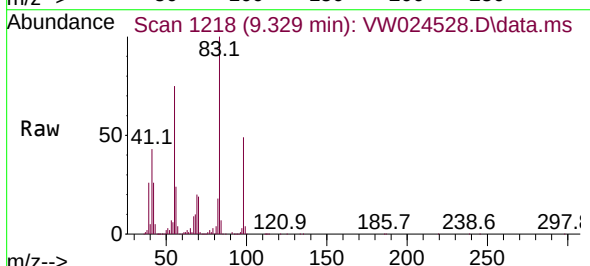
Tgt Ion: 83 Resp: 208274

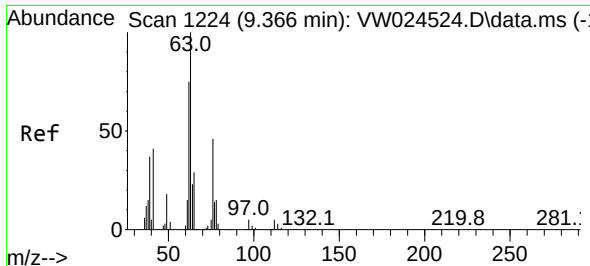
Ion Ratio Lower Upper

83 100

55 72.8 58.9 88.3

98 50.6 40.4 60.6





#37

1,2-Dichloropropane

Concen: 24.895 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024528.D

Acq: 02 Sep 2022 12:25

Instrument :

MSVOA_W

ClientSampleId :

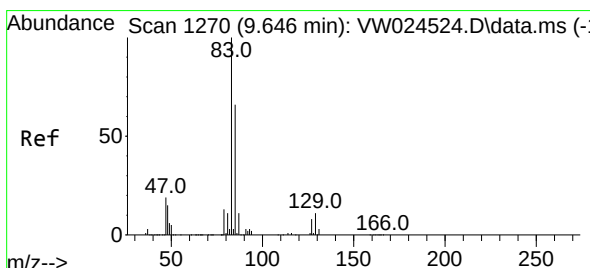
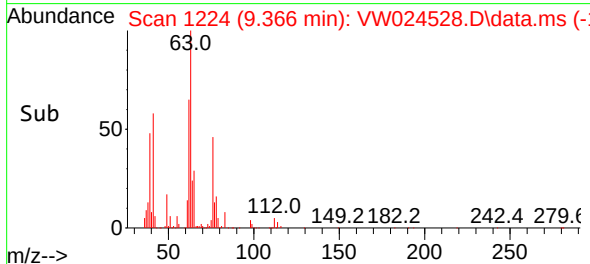
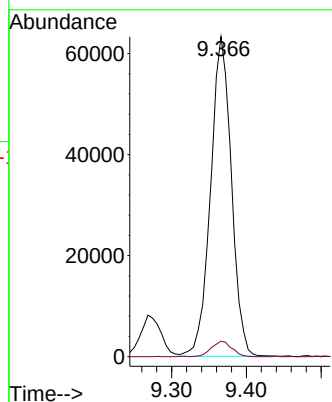
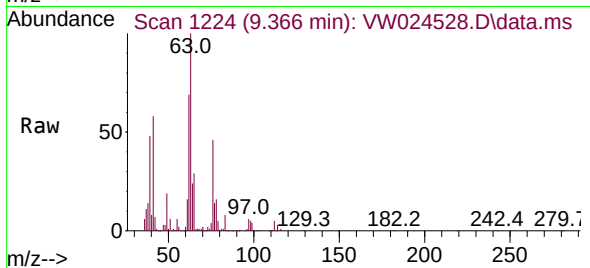
VSTD025560

Tgt Ion: 63 Resp: 122888

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 25.487 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024528.D

Acq: 02 Sep 2022 12:25

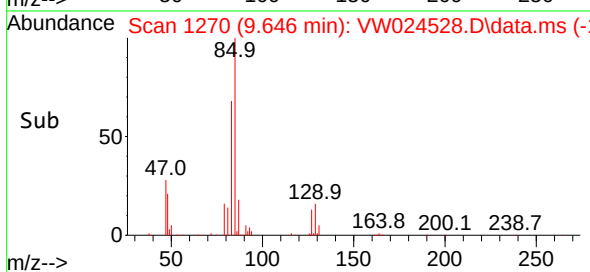
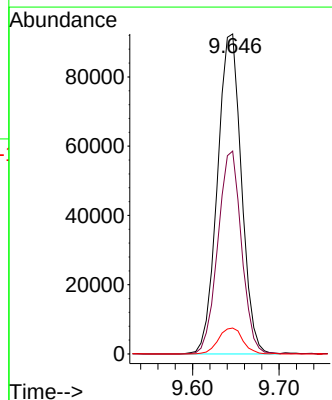
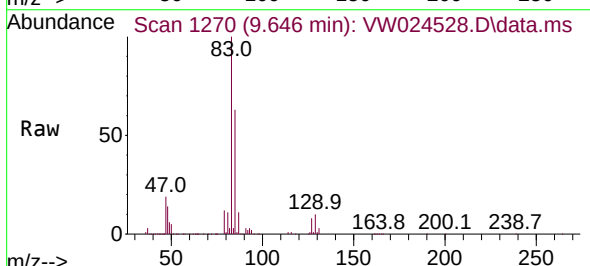
Tgt Ion: 83 Resp: 177837

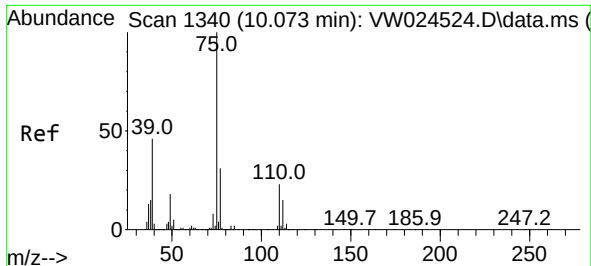
Ion Ratio Lower Upper

83 100

85 63.4 46.3 85.9

127 8.1 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 25.732 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024528.D

Acq: 02 Sep 2022 12:25

Instrument :

MSVOA_W

ClientSampleId :

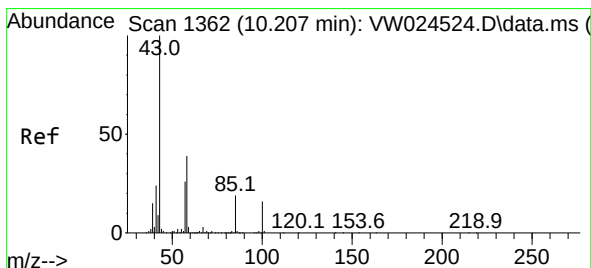
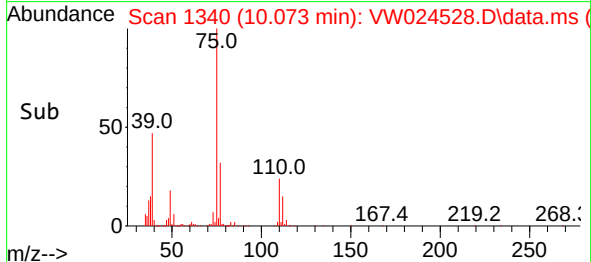
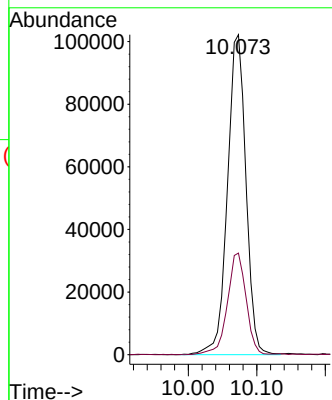
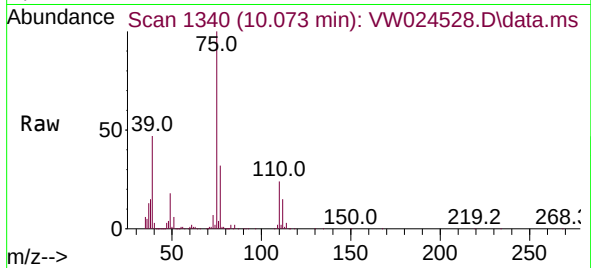
VSTD025560

Tgt Ion: 75 Resp: 191235

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 54.557 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024528.D

Acq: 02 Sep 2022 12:25

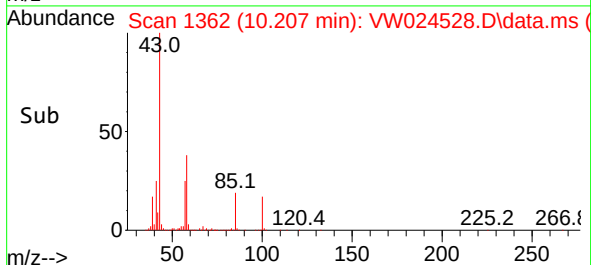
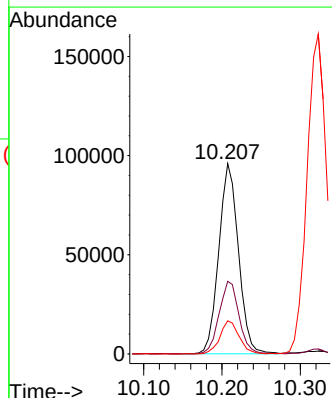
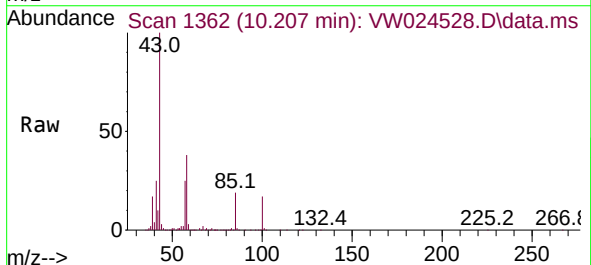
Tgt Ion: 43 Resp: 167481

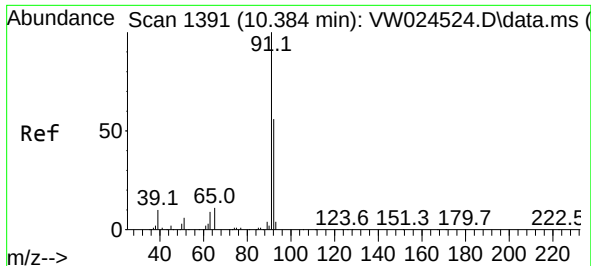
Ion Ratio Lower Upper

43 100

58 38.5 31.8 47.8

100 17.0 13.5 20.3

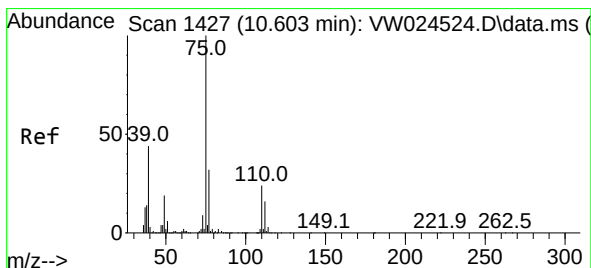
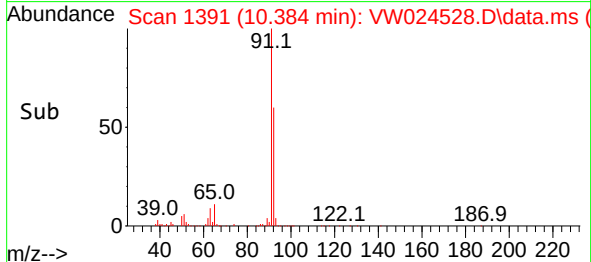
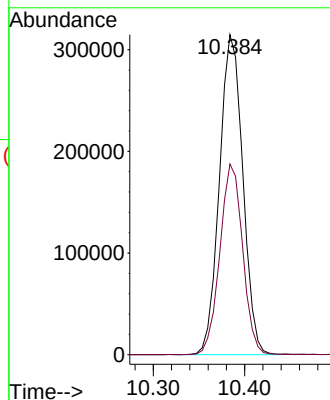
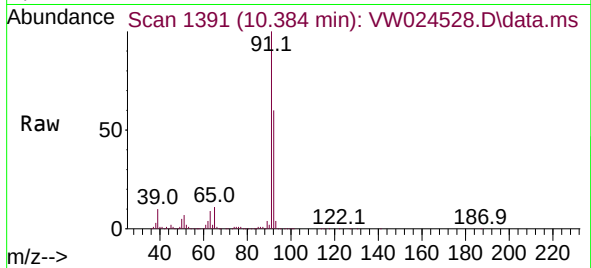




#42
Toluene
Concen: 25.075 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

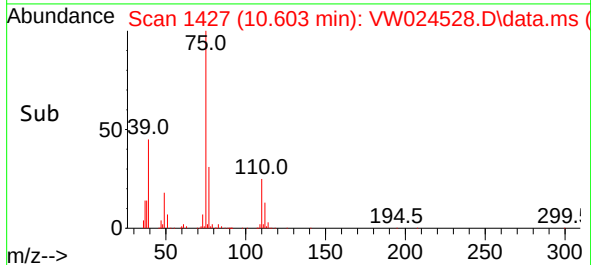
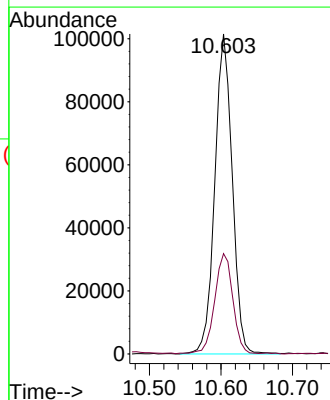
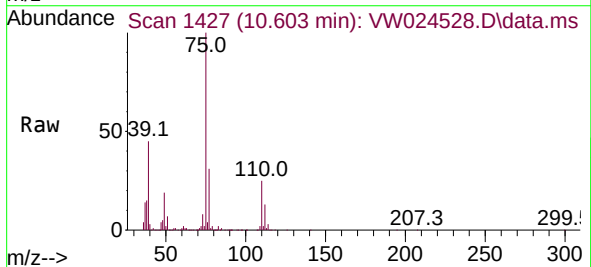
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

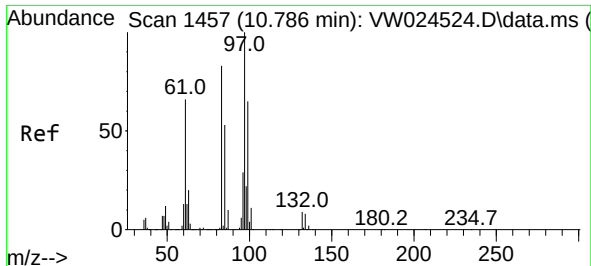
Tgt Ion: 91 Resp: 559338
Ion Ratio Lower Upper
91 100
92 59.5 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 25.820 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

Tgt Ion: 75 Resp: 172127
Ion Ratio Lower Upper
75 100
77 31.3 22.3 41.5



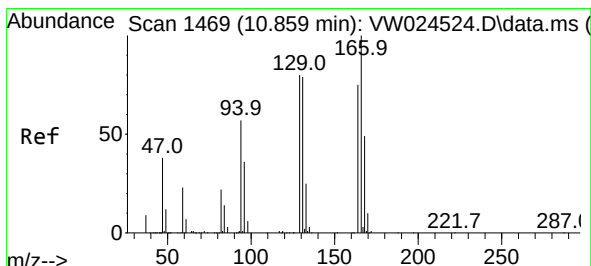
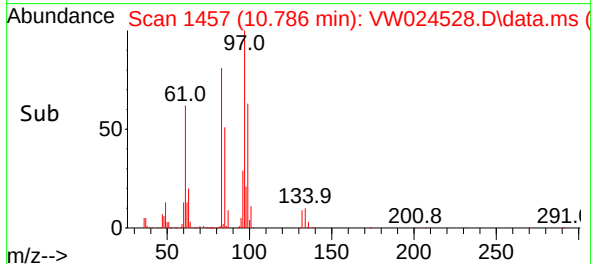
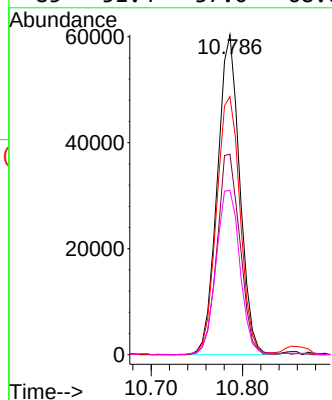
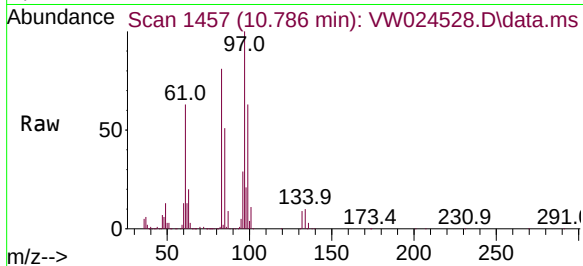


#45
1,1,2-Trichloroethane
Concen: 25.036 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

Tgt Ion: 97 Resp: 103180

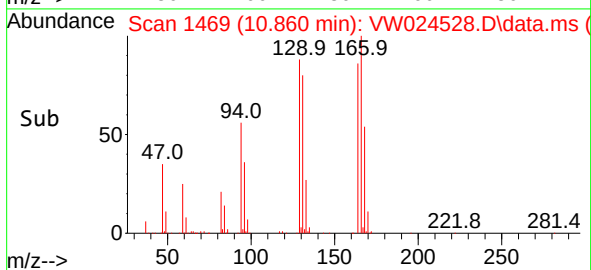
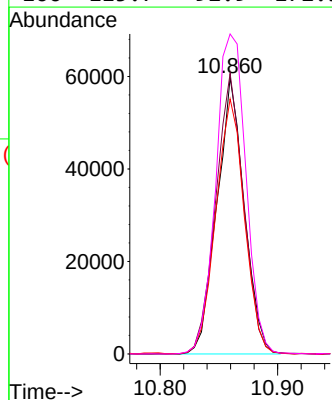
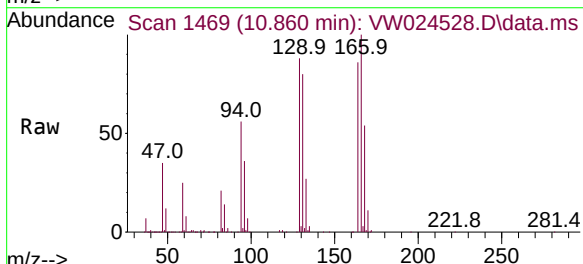
Ion	Ratio	Lower	Upper
97	100		
99	62.7	45.7	84.9
83	80.6	58.5	108.7
85	51.4	37.0	68.6

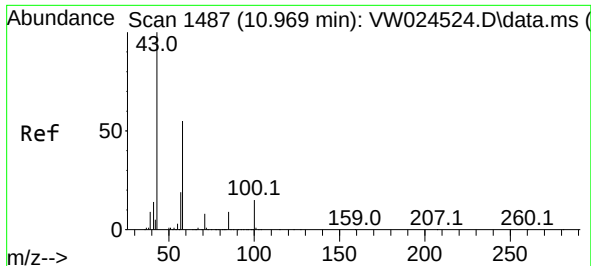


#46
Tetrachloroethene
Concen: 24.288 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

Tgt Ion: 164 Resp: 96513

Ion	Ratio	Lower	Upper
164	100		
129	101.5	74.9	139.1
131	92.2	73.6	136.6
166	115.7	92.9	172.5

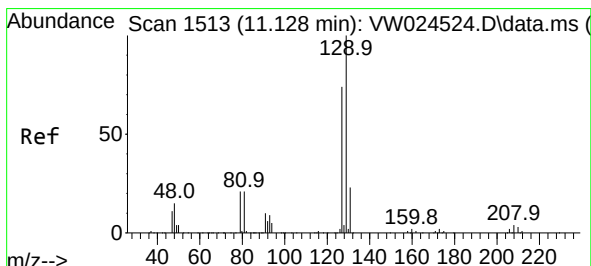
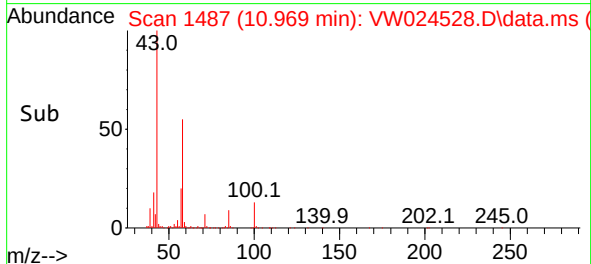
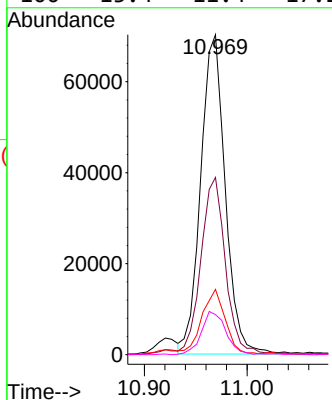
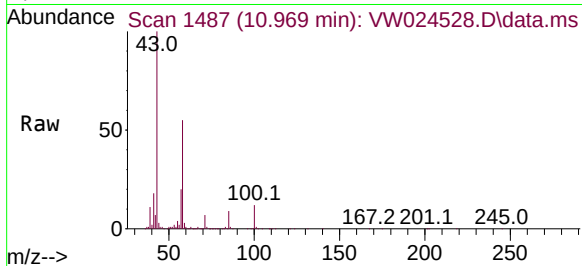




#48
2-Hexanone
Concen: 57.050 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

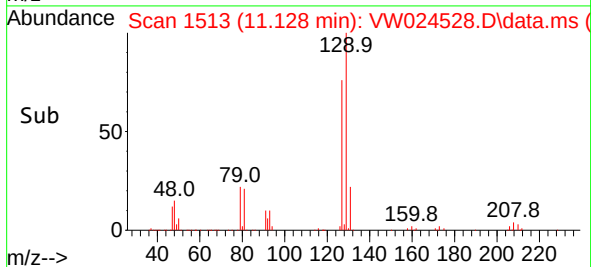
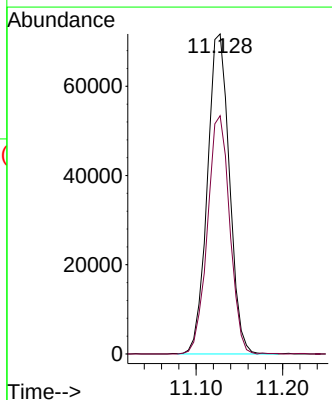
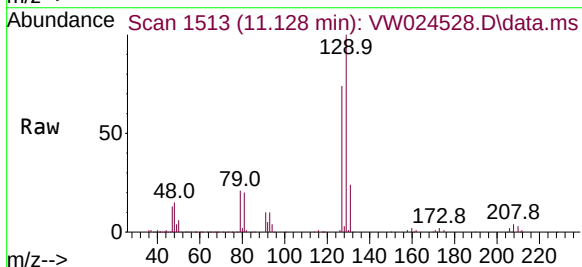
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

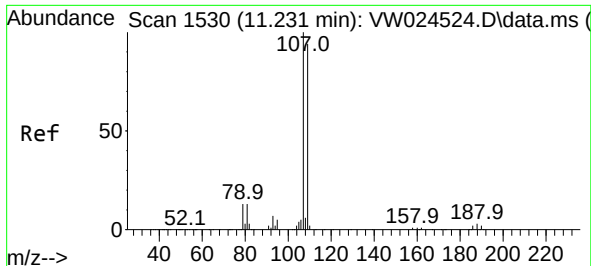
Tgt Ion: 43	Resp: 116519
Ion Ratio	Lower Upper
43 100	
58 55.2	44.2 66.2
57 19.8	15.5 23.3
100 13.4	11.4 17.2



#49
Dibromochloromethane
Concen: 26.232 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

Tgt Ion:129	Resp: 127032		
Ion Ratio	Lower	Upper	
129 100			
127 74.5	51.7	96.1	

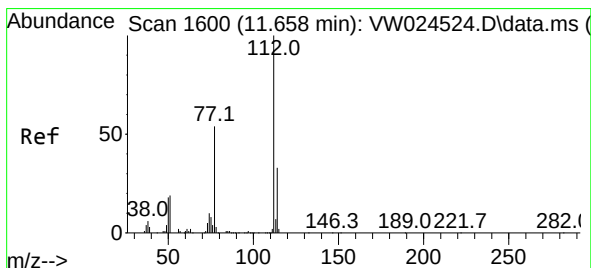
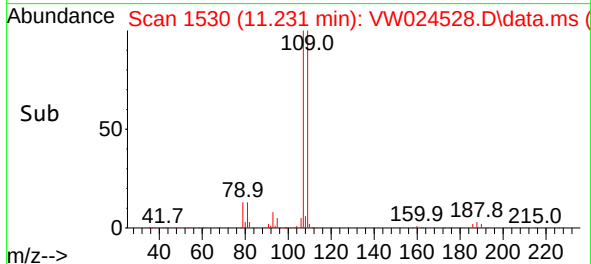
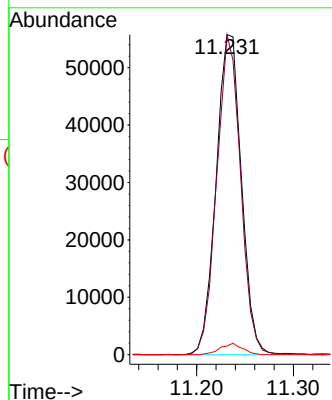
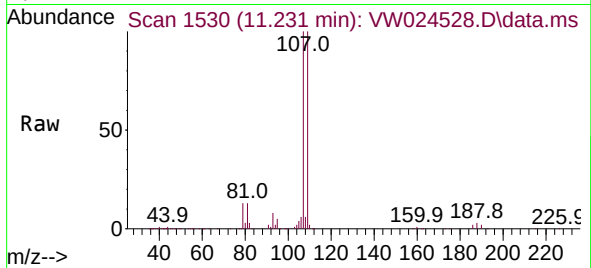




#50
1,2-Dibromoethane
Concen: 25.919 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

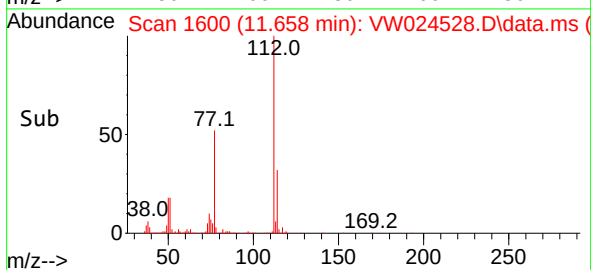
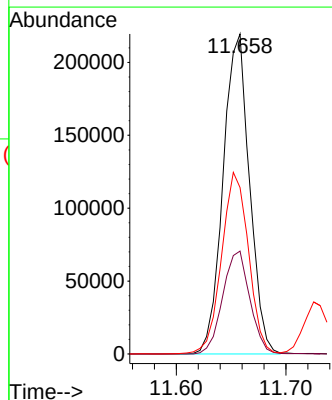
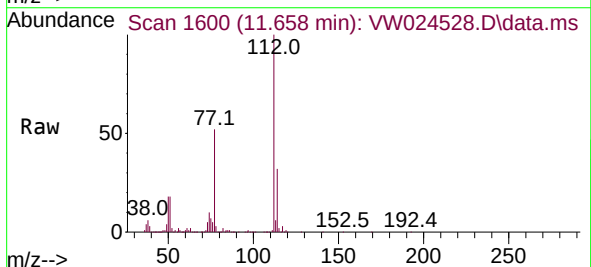
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

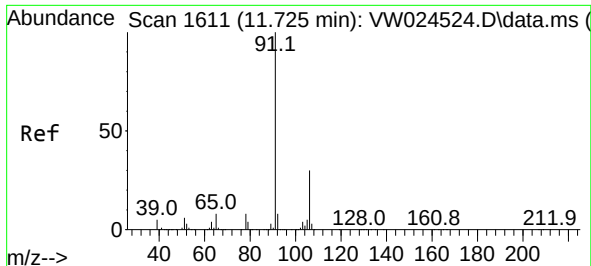
Tgt Ion:	107	Resp:	101164
Ion	Ratio	Lower	Upper
107	100		
109	99.9	65.9	122.5
188	2.7	2.5	3.7



#51
Chlorobenzene
Concen: 24.231 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

Tgt Ion:	112	Resp:	366799
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.9	42.5
77	52.0	43.5	65.3

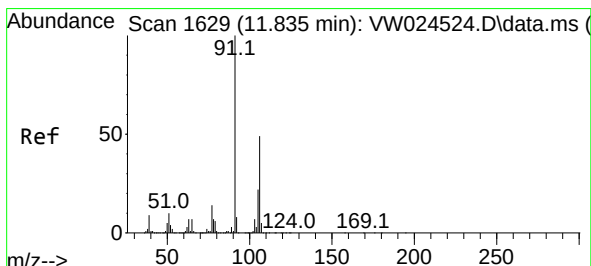
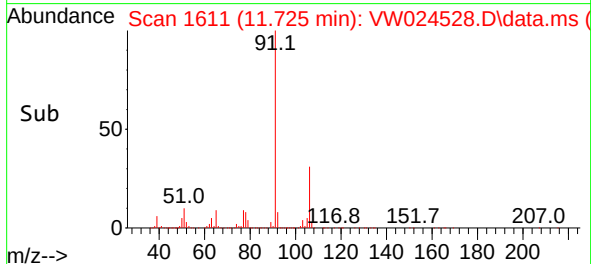
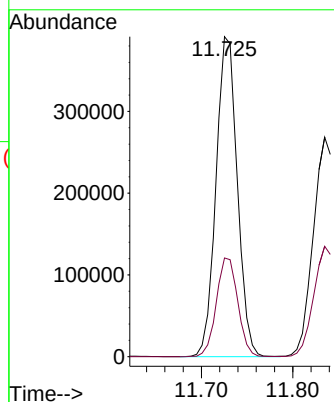
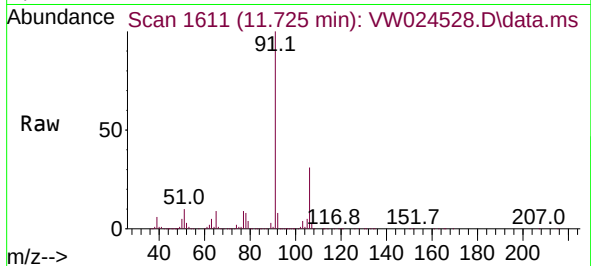




#52
Ethylbenzene
Concen: 25.390 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

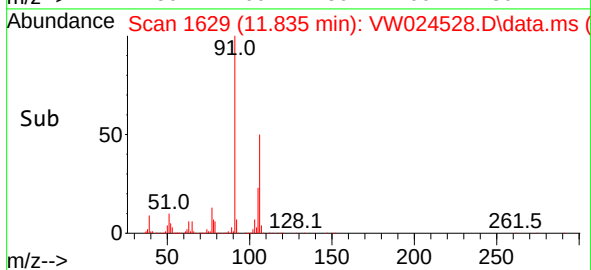
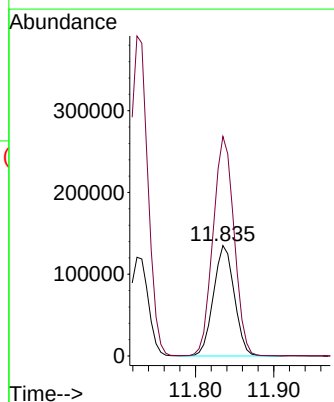
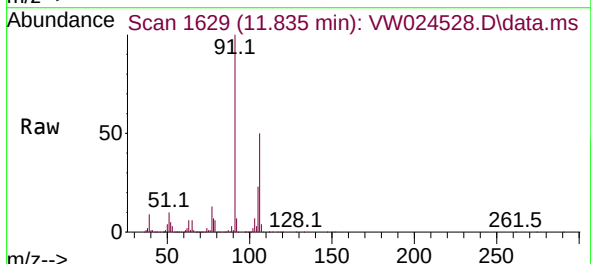
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

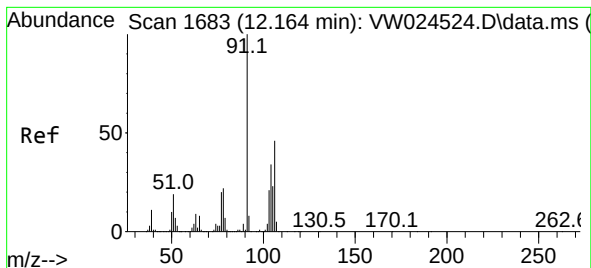
Tgt Ion: 91 Resp: 633988
Ion Ratio Lower Upper
91 100
106 30.9 21.1 39.1



#53
m,p-Xylene
Concen: 25.560 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

Tgt Ion: 106 Resp: 249587
Ion Ratio Lower Upper
106 100
91 198.7 141.7 263.3





#54

o-Xylene

Concen: 25.148 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024528.D

Acq: 02 Sep 2022 12:25

Instrument :

MSVOA_W

ClientSampleId :

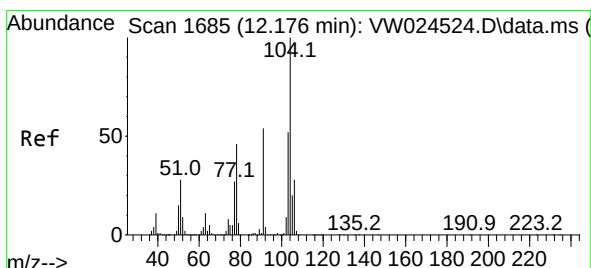
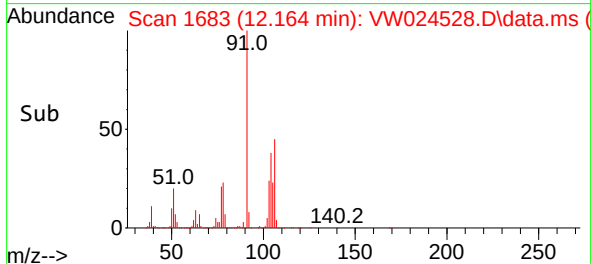
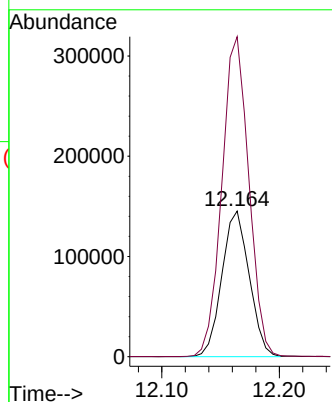
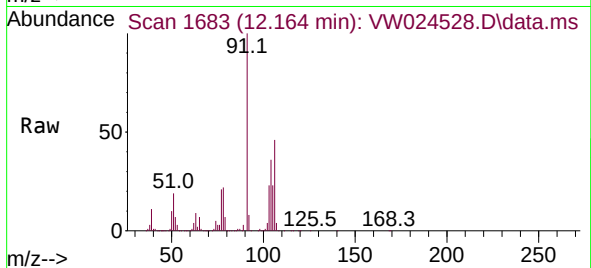
VSTD025560

Tgt Ion:106 Resp: 235077

Ion Ratio Lower Upper

106 100

91 219.8 153.4 284.8



#55

Styrene

Concen: 26.649 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024528.D

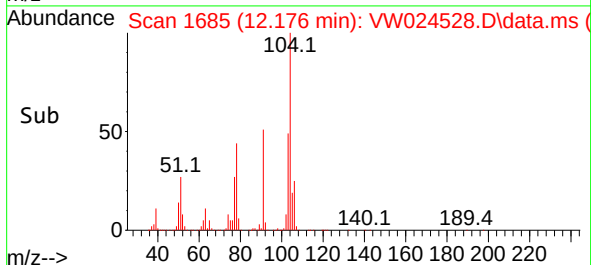
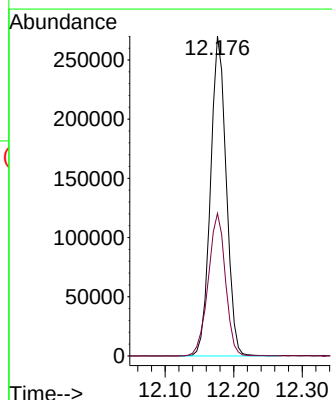
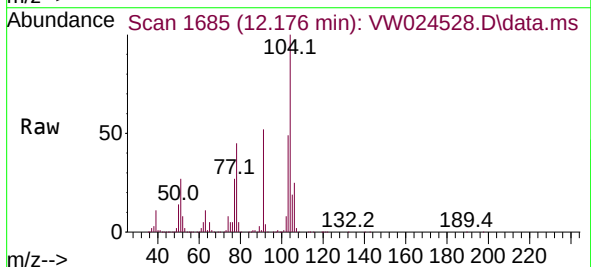
Acq: 02 Sep 2022 12:25

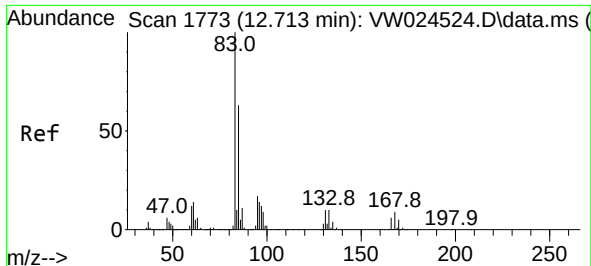
Tgt Ion:104 Resp: 432711

Ion Ratio Lower Upper

104 100

78 44.5 31.9 59.2





#57

1,1,2-Tetrachloroethane

Concen: 25.682 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024528.D

Acq: 02 Sep 2022 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025560

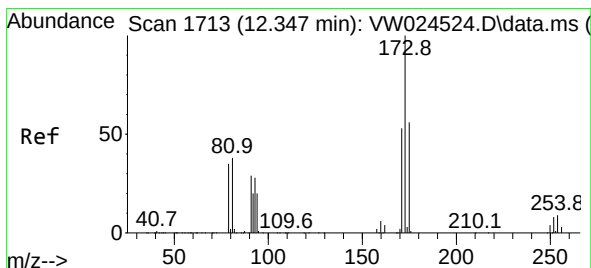
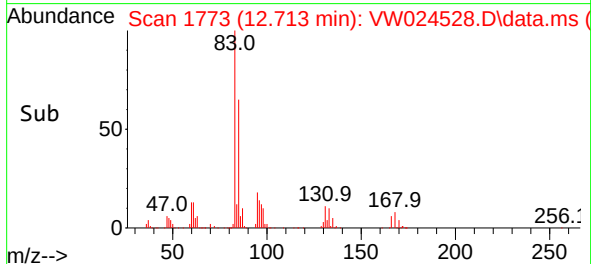
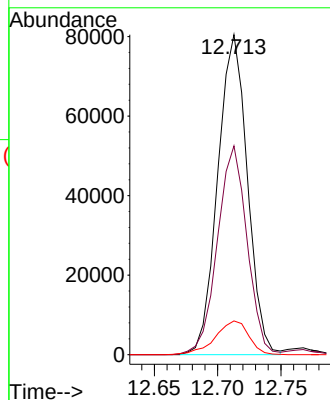
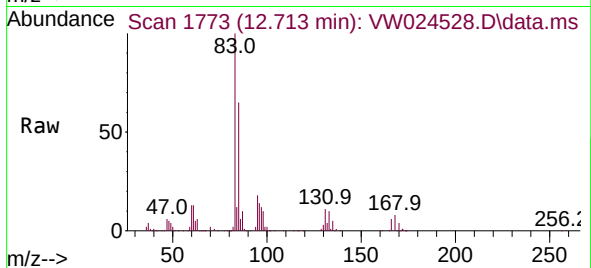
Tgt Ion: 83 Resp: 130985

Ion Ratio Lower Upper

83 100

85 65.2 43.9 81.5

131 10.5 7.9 11.9



#59

Bromoform

Concen: 25.099 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024528.D

Acq: 02 Sep 2022 12:25

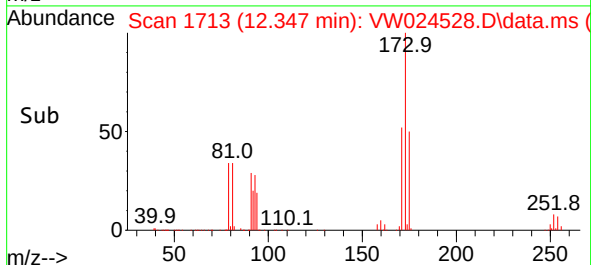
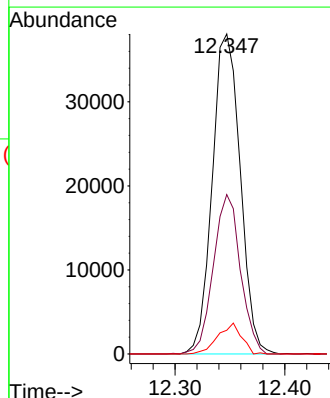
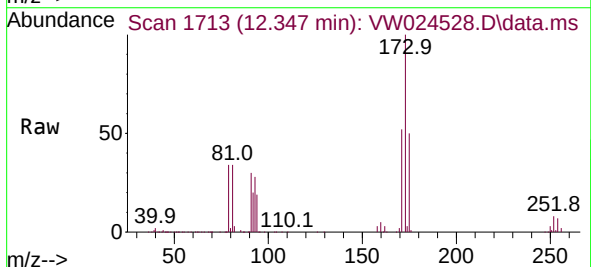
Tgt Ion:173 Resp: 67435

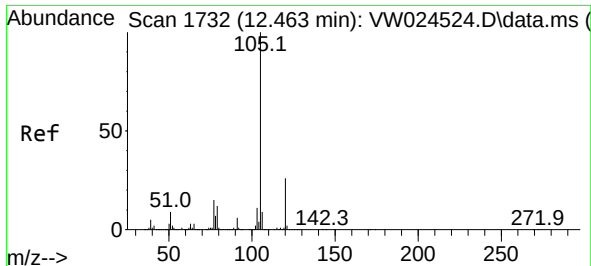
Ion Ratio Lower Upper

173 100

175 48.3 39.0 58.6

254 8.1 6.2 9.4

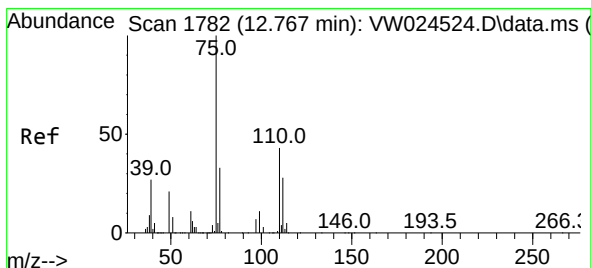
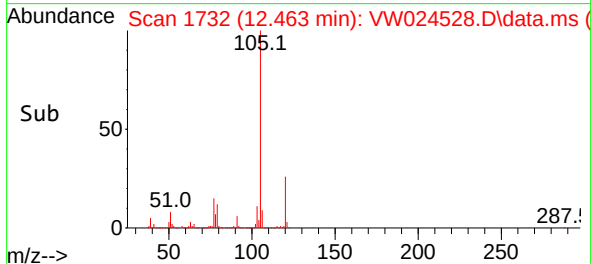
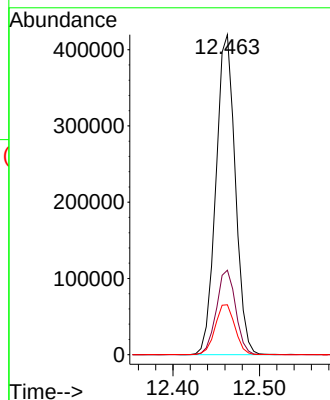
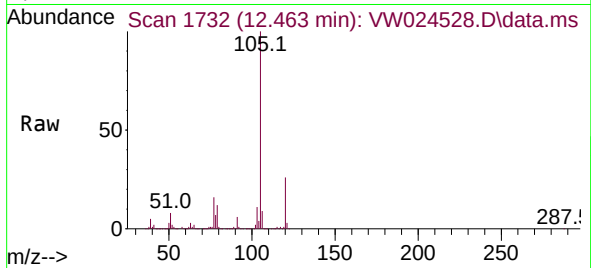




#60
Isopropylbenzene
Concen: 24.871 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

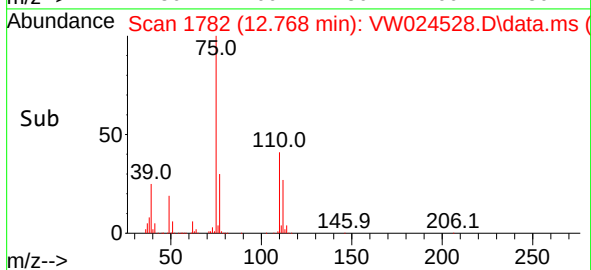
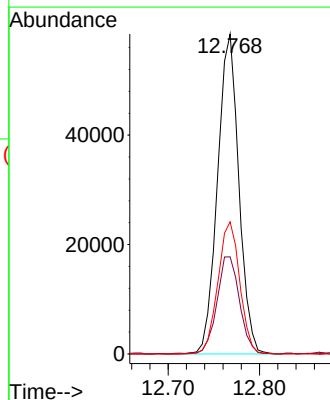
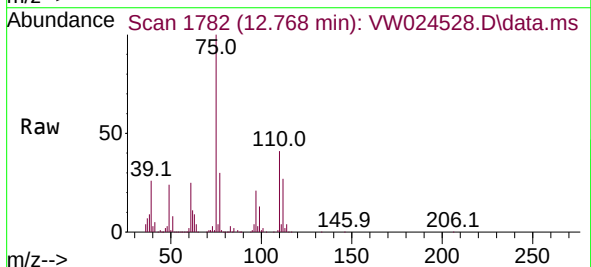
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

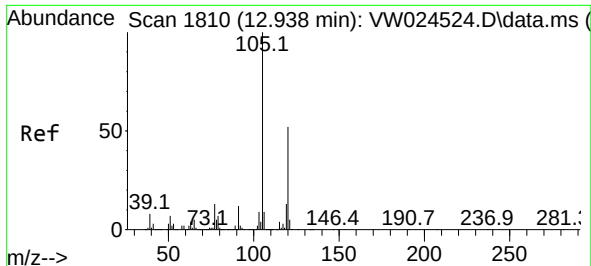
Tgt Ion:105 Resp: 650643
Ion Ratio Lower Upper
105 100
120 26.4 21.5 32.3
77 15.9 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 25.418 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

Tgt Ion: 75 Resp: 94956
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
110 42.2 33.5 50.3

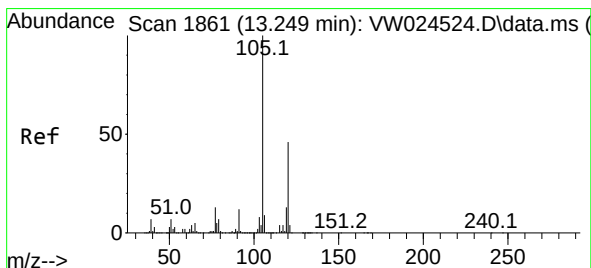
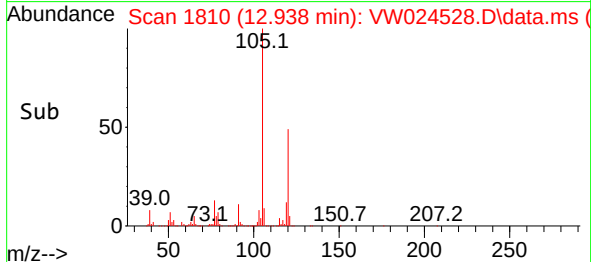
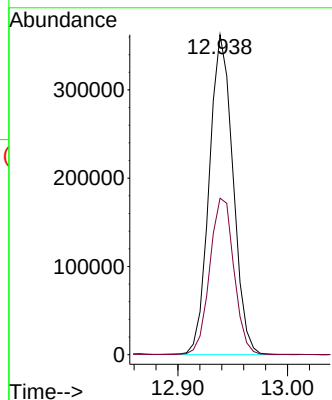
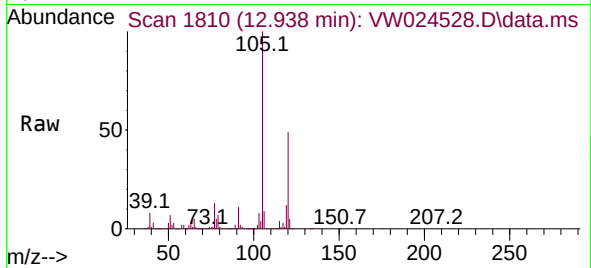




#62
1,3,5-Trimethylbenzene
Concen: 25.327 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

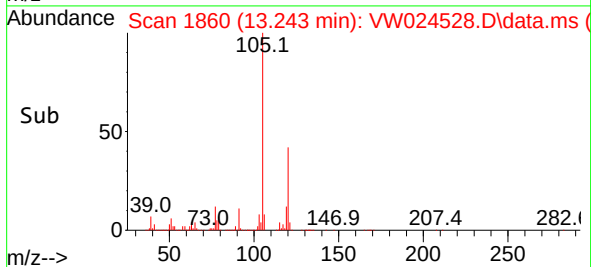
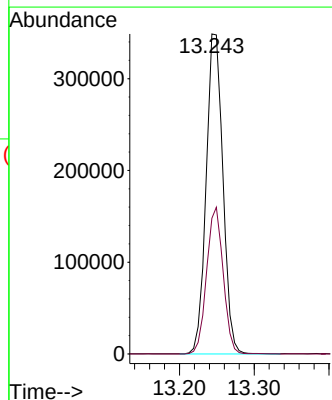
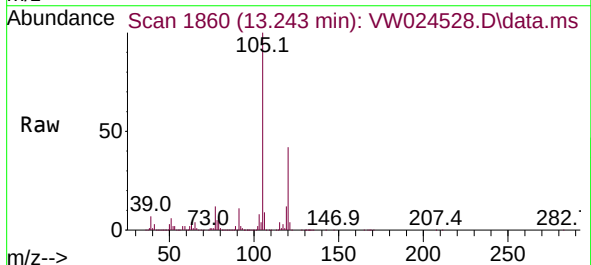
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

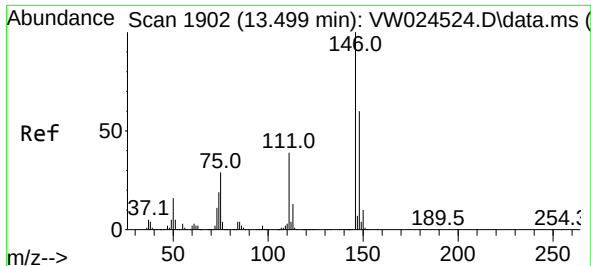
Tgt Ion:105 Resp: 546579
Ion Ratio Lower Upper
105 100
120 49.8 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 25.757 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.006 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

Tgt Ion:105 Resp: 544028
Ion Ratio Lower Upper
105 100
120 45.1 37.0 55.4

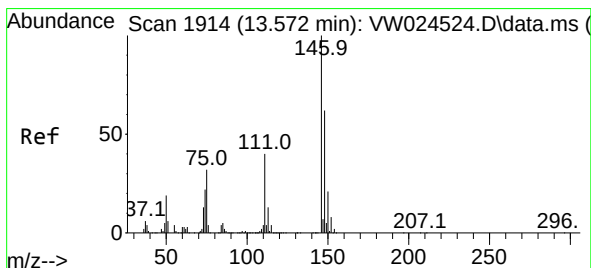
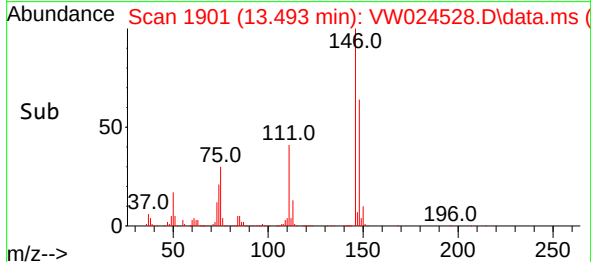
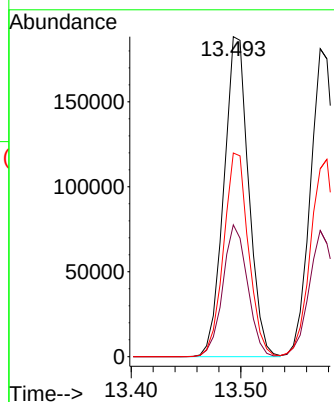
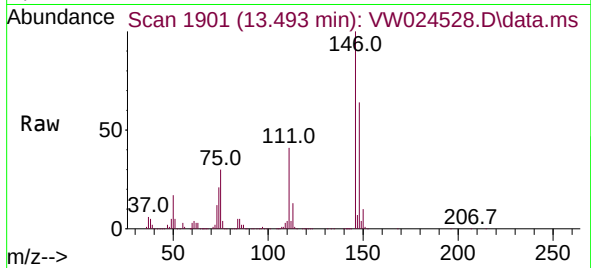




#64
1,3-Dichlorobenzene
Concen: 25.431 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

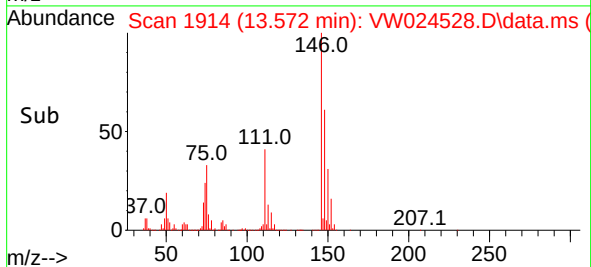
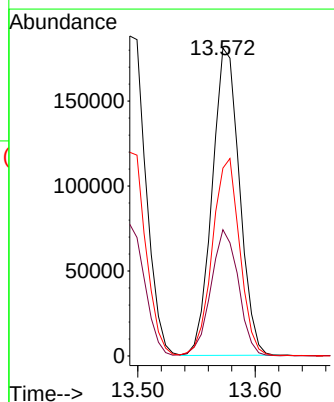
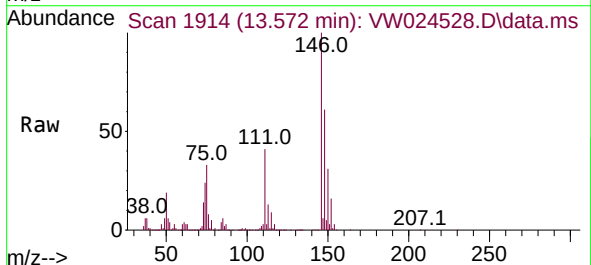
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

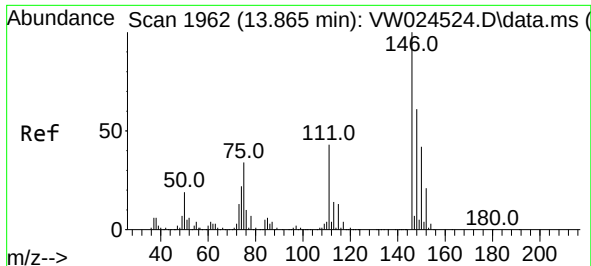
Tgt Ion:146 Resp: 296348
Ion Ratio Lower Upper
146 100
111 41.2 27.6 51.4
148 63.6 42.3 78.5



#65
1,4-Dichlorobenzene
Concen: 24.489 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

Tgt Ion:146 Resp: 292360
Ion Ratio Lower Upper
146 100
111 41.0 28.2 52.4
148 61.0 43.4 80.6

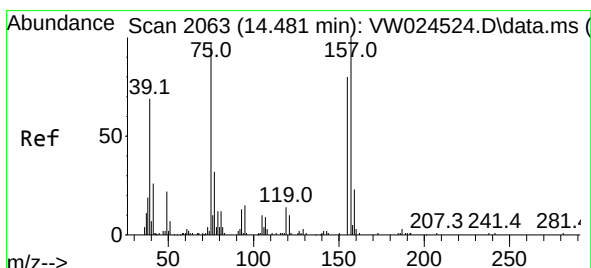
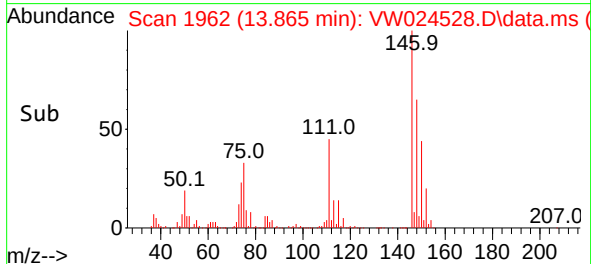
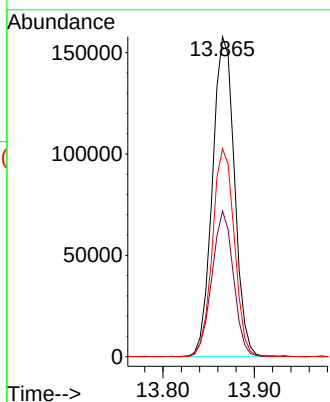
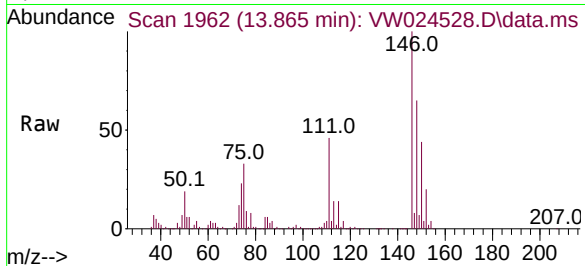




#67
1,2-Dichlorobenzene
Concen: 24.590 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

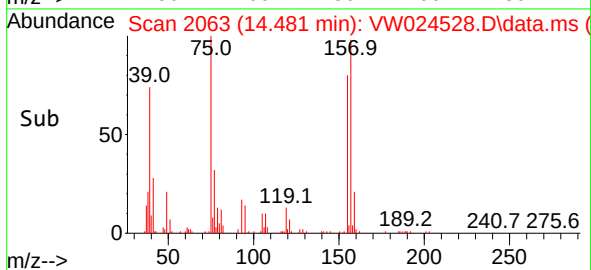
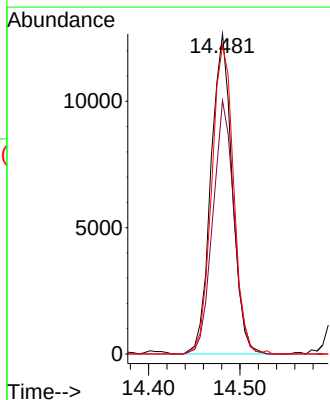
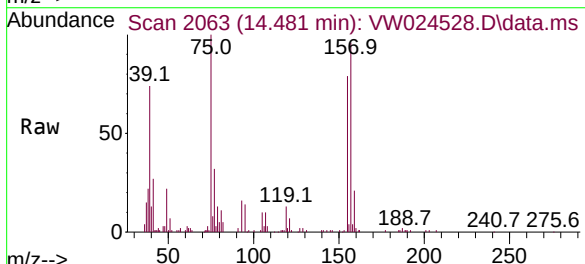
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

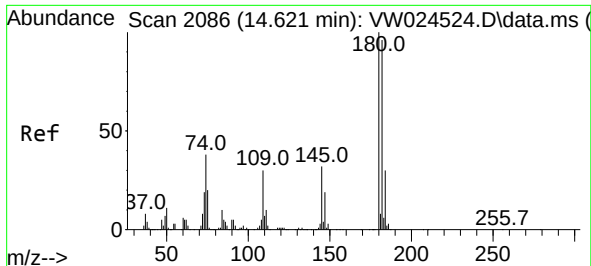
Tgt Ion:146 Resp: 264553
Ion Ratio Lower Upper
146 100
111 45.6 34.1 51.1
148 65.0 48.9 73.3



#68
1,2-Dibromo-3-chloropropane
Concen: 24.173 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

Tgt Ion: 75 Resp: 20440
Ion Ratio Lower Upper
75 100
155 79.2 65.8 98.8
157 96.5 82.2 123.4

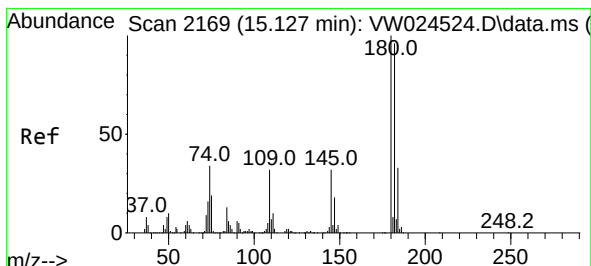
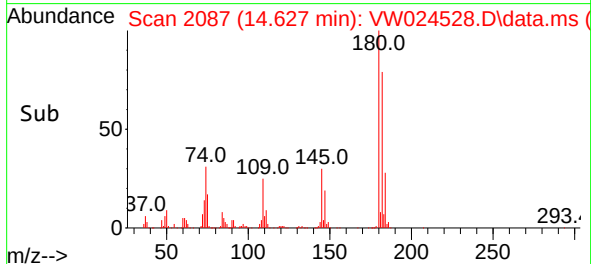
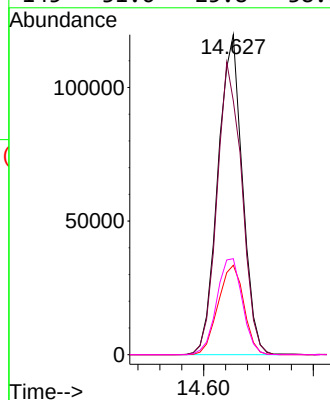
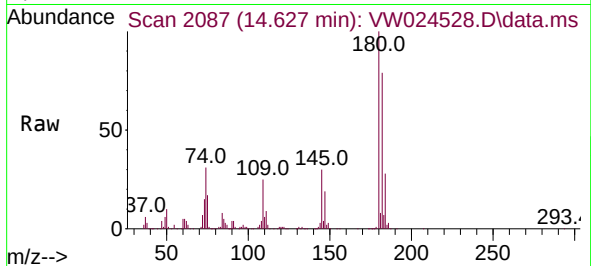




#69
1,3,5-Trichlorobenzene
Concen: 24.792 ug/L
RT: 14.627 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

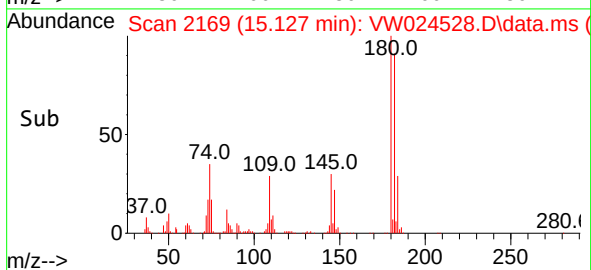
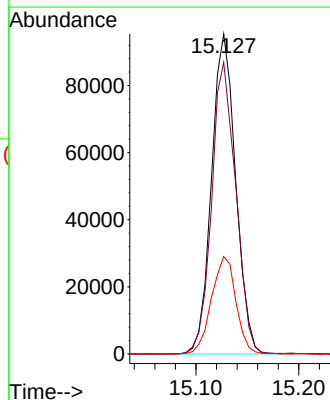
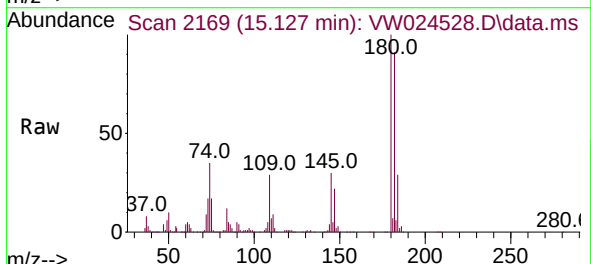
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

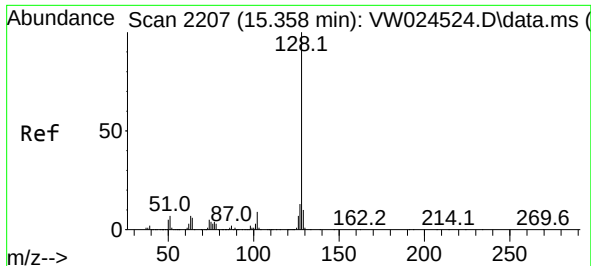
Tgt Ion:	180	Resp:	185735
Ion Ratio	Lower	Upper	
180	100		
182	92.5	75.0	112.4
184	29.4	23.7	35.5
145	31.6	25.8	38.6



#70
1,2,4-trichlorobenzene
Concen: 27.121 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

Tgt Ion:	180	Resp:	155365
Ion Ratio	Lower	Upper	
180	100		
182	91.4	76.2	114.2
145	30.9	26.6	40.0

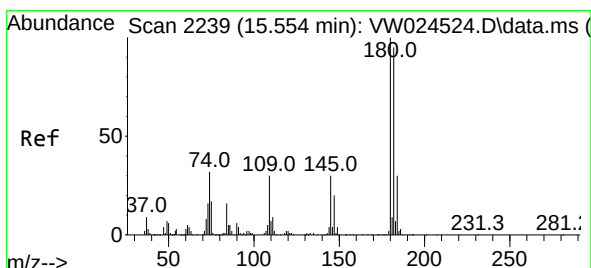
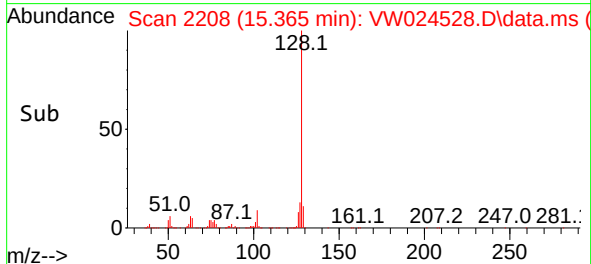
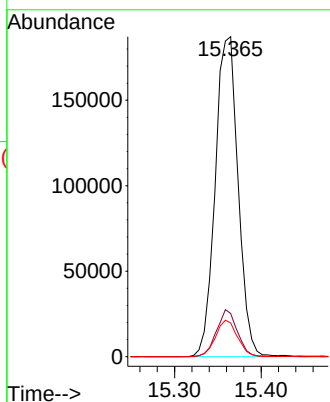
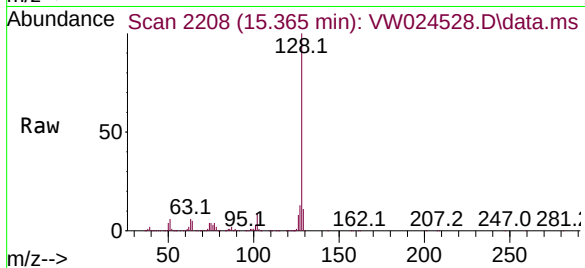




#71
Naphthalene
Concen: 28.361 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

Tgt Ion:128 Resp: 343481
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.0 8.4 12.6



#72
1,2,3-Trichlorobenzene
Concen: 26.275 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW024528.D
Acq: 02 Sep 2022 12:25

Tgt Ion:180 Resp: 135749
Ion Ratio Lower Upper
180 100
182 91.1 78.5 117.7
145 35.6 28.3 42.5

