

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072622\
 Data File : VW024107.D
 Acq On : 26 Jul 2022 17:52
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025509

Quant Time: Jul 26 23:44:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 26 23:39:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	210217	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	224791	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	133867	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	126505	28.075	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.280%
7) Chloroethane-d5	2.873	69	86304	28.347	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.400%
11) 1,1-Dichloroethene-d2	4.019	63	98523	24.832	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.320%
21) 2-Butanone-d5	7.080	46	38930	48.612	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.220%
24) Chloroform-d	7.647	84	142821	24.713	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.840%
26) 1,2-Dichloroethane-d4	8.305	65	83164	25.047	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	8.275	84	264139	25.295	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	9.275	67	79340	24.089	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.360%
41) Toluene-d8	10.323	98	269611	25.817	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.280%
43) trans-1,3-Dichloroprop...	10.573	79	35712	24.454	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.800%
47) 2-Hexanone-d5	10.921	63	35312	51.283	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.560%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	98956	26.039	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	108573	25.043	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	38106	24.544	ug/L	96
3) Chloromethane	2.209	50	106647	26.458	ug/L	96
5) Vinyl chloride	2.349	62	171812	27.348	ug/L	99
6) Bromomethane	2.770	94	94535	27.238	ug/L	94
8) Chloroethane	2.910	64	82290	29.776	ug/L	98
9) Trichlorofluoromethane	3.245	101	67160	22.963	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	68232	25.191	ug/L #	76
12) 1,1-Dichloroethene	4.032	96	54788	24.678	ug/L	90
13) Acetone	4.129	43	28048	49.356	ug/L	100
14) Carbon disulfide	4.373	76	171731	25.184	ug/L	99
15) Methyl Acetate	4.672	43	35817	26.128	ug/L	94
16) Methylene chloride	4.909	84	82871	25.900	ug/L	100
17) trans-1,2-Dichloroethene	5.415	96	71040	26.152	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	111061	27.582	ug/L	99
19) 1,1-Dichloroethane	6.214	63	135387	26.386	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	79169	26.541	ug/L	89
22) 2-Butanone	7.171	43	51071	55.992	ug/L	97
23) Bromochloromethane	7.513	128	41386	26.960	ug/L	87
25) Chloroform	7.671	83	155852	26.251	ug/L	97

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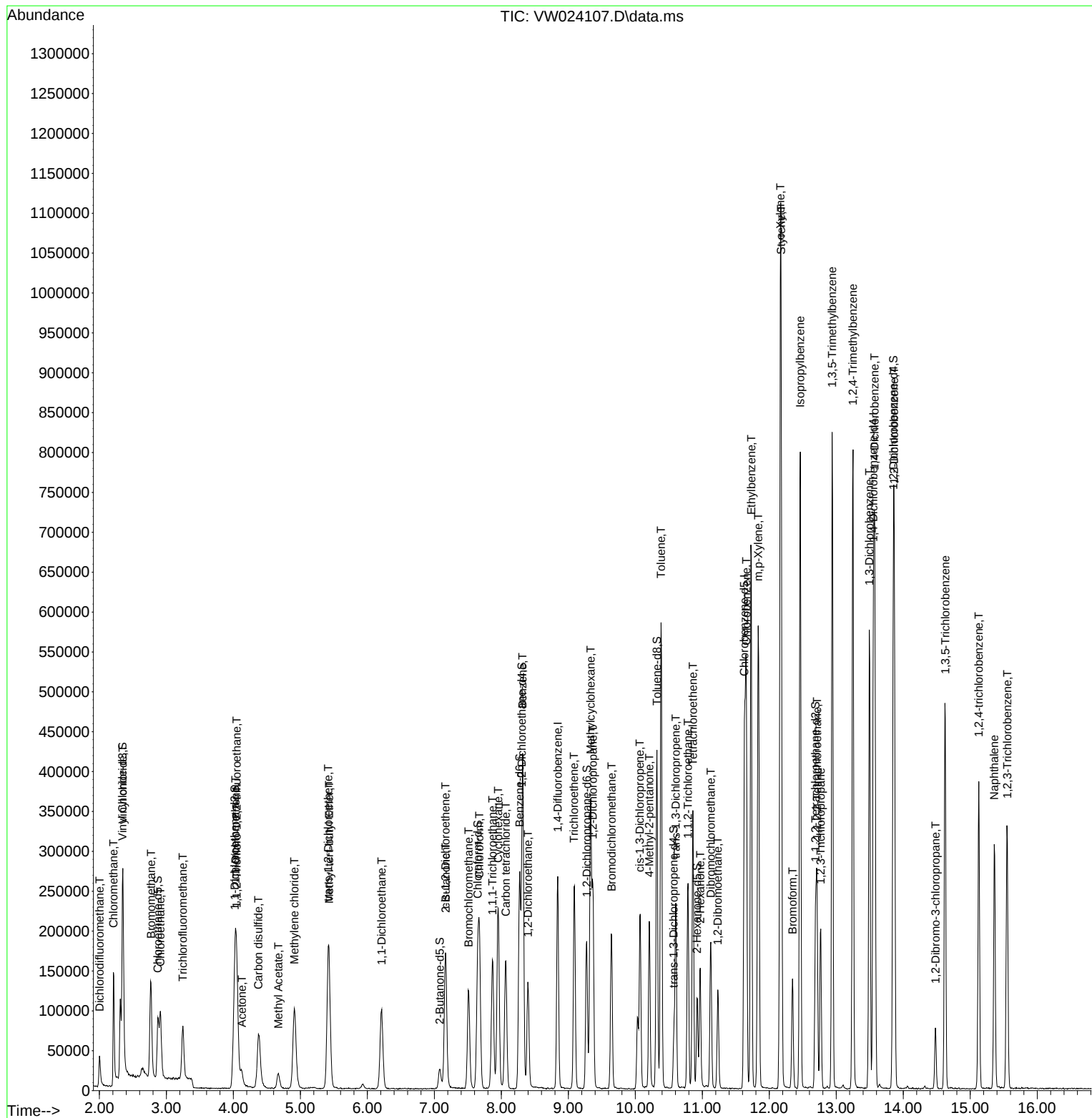
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	115846	27.397	ug/L	99
29) Cyclohexane	7.952	56	108242	26.135	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	124370	24.752	ug/L	100
31) Carbon tetrachloride	8.067	117	116986	25.258	ug/L	99
33) Benzene	8.317	78	345038	26.570	ug/L	100
34) Trichloroethene	9.086	95	84642	24.614	ug/L	95
35) Methylcyclohexane	9.335	83	138435	26.498	ug/L	97
37) 1,2-Dichloropropane	9.366	63	87889	26.770	ug/L	99
38) Bromodichloromethane	9.646	83	123090	26.296	ug/L	98
39) cis-1,3-Dichloropropene	10.067	75	120845	25.264	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	128052	56.052	ug/L	99
42) Toluene	10.384	91	412569	28.088	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	119525	26.387	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	76958	26.833	ug/L	98
46) Tetrachloroethene	10.860	164	66843	24.836	ug/L	94
48) 2-Hexanone	10.969	43	93651	56.567	ug/L	99
49) Dibromochloromethane	11.128	129	93338	27.852	ug/L	94
50) 1,2-Dibromoethane	11.231	107	75890	27.026	ug/L	96
51) Chlorobenzene	11.658	112	272362	27.551	ug/L	91
52) Ethylbenzene	11.731	91	462058	28.544	ug/L	98
53) m,p-Xylene	11.835	106	183455	29.198	ug/L	94
54) o-Xylene	12.164	106	183235	30.495	ug/L	91
55) Styrene	12.176	104	333320	30.965	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	109076	27.441	ug/L	97
59) Bromoform	12.347	173	56649	27.377	ug/L	99
60) Isopropylbenzene	12.463	105	498249	29.384	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	79412	26.392	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	403467	29.576	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	411470	29.802	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	223133	27.514	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	225306	26.171	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	220856	29.115	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	17989	26.756	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	137438	26.575	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	103900	26.515	ug/L	94
71) Naphthalene	15.359	128	245332	29.258	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	98699	26.777	ug/L	99

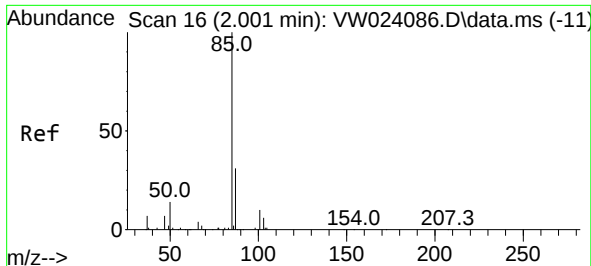
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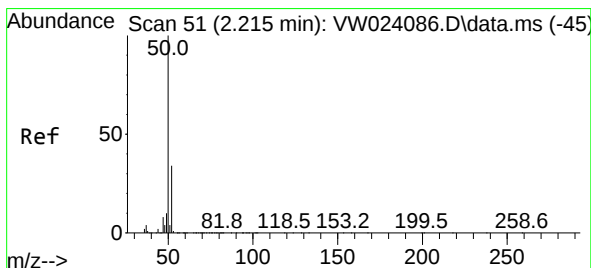
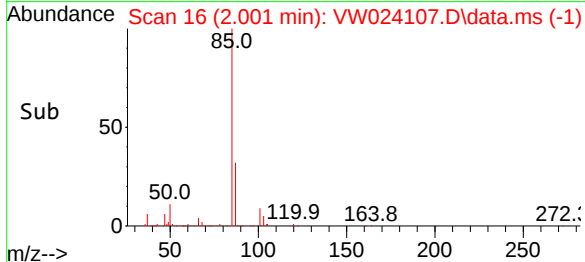
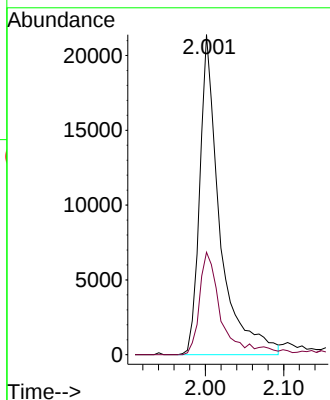
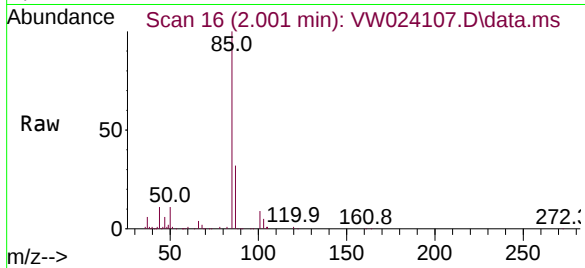




#2
 Dichlorodifluoromethane
 Concen: 24.544 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024107.D
 Acq: 26 Jul 2022 17:52

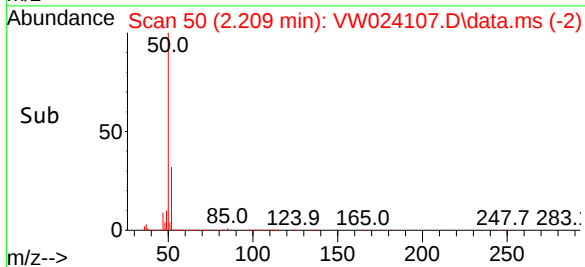
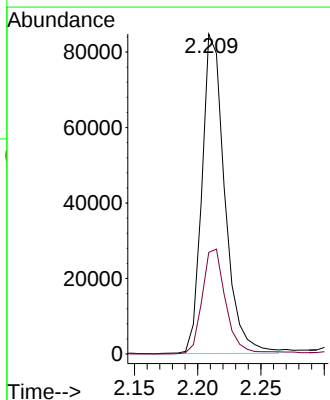
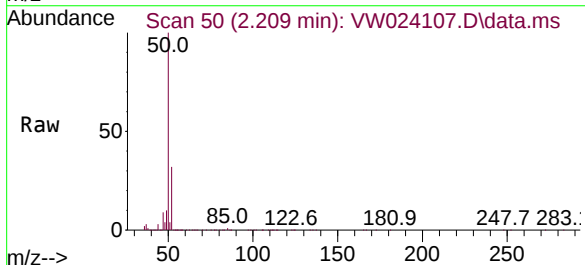
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 MSVOA_W
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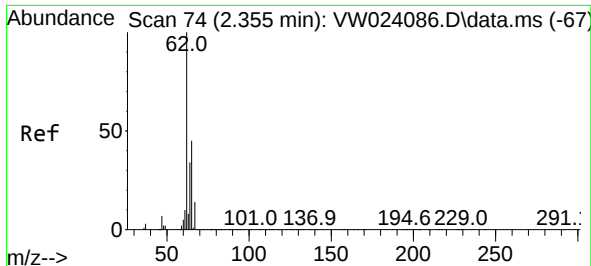
Tgt Ion: 85 Resp: 38106
 Ion Ratio Lower Upper
 85 100
 87 32.5 24.2 36.2



#3
 Chloromethane
 Concen: 26.458 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW024107.D
 Acq: 26 Jul 2022 17:52

Tgt Ion: 50 Resp: 106647
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.9 44.5

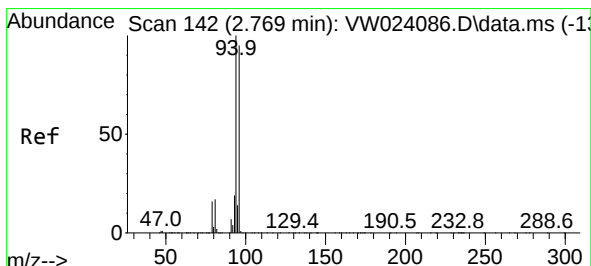
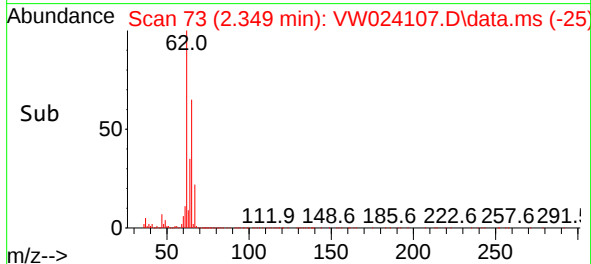
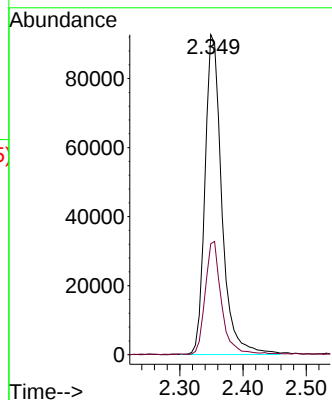
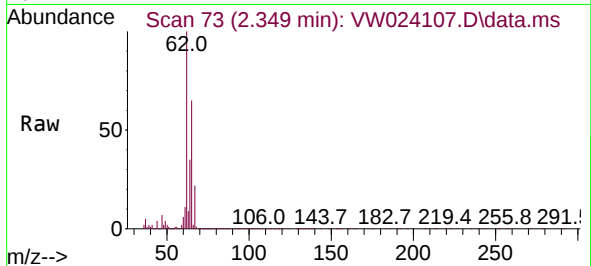




#5
 Vinyl chloride
 Concen: 27.348 ug/L
 RT: 2.349 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW024107.D
 Acq: 26 Jul 2022 17:52

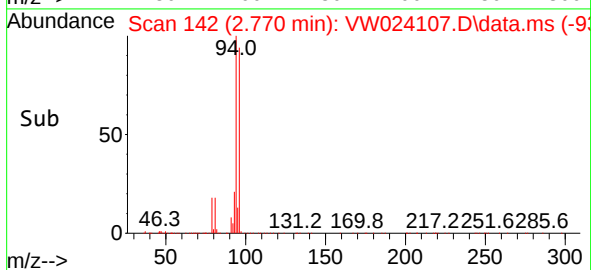
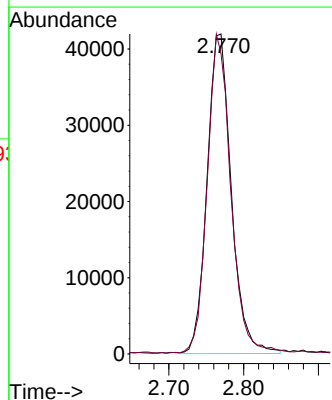
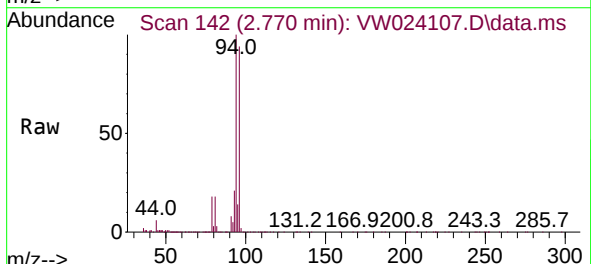
Instrument :
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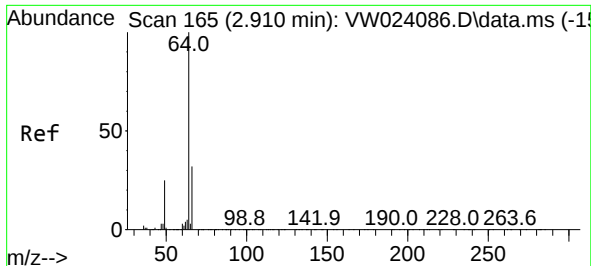
Tgt Ion: 62 Resp: 171812
 Ion Ratio Lower Upper
 62 100
 64 34.7 23.9 44.3



#6
 Bromomethane
 Concen: 27.238 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW024107.D
 Acq: 26 Jul 2022 17:52

Tgt Ion: 94 Resp: 94535
 Ion Ratio Lower Upper
 94 100
 96 93.9 61.9 114.9

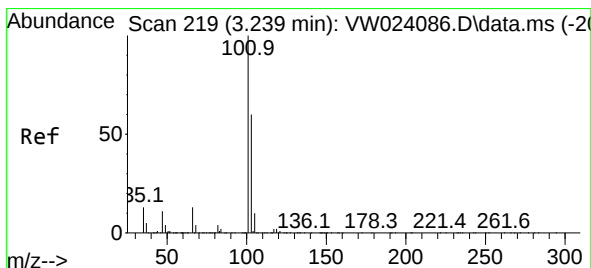
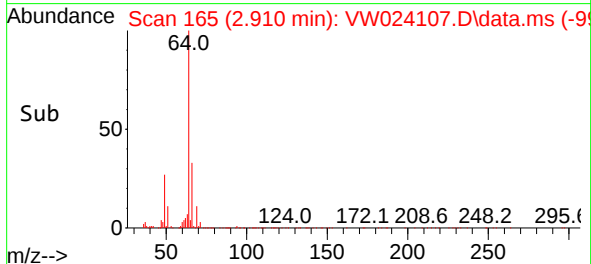
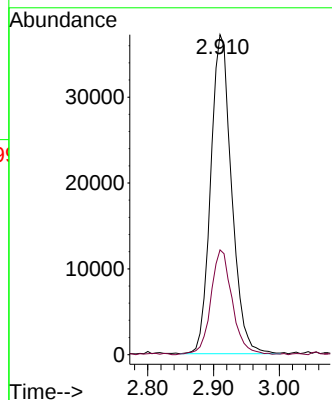
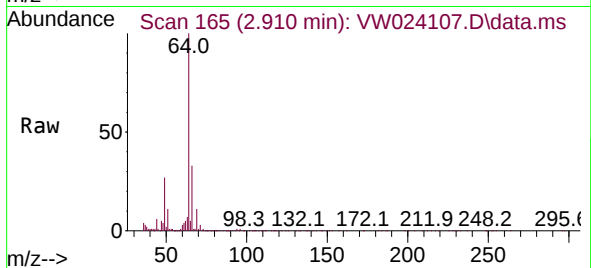




#8
Chloroethane
Concen: 29.776 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

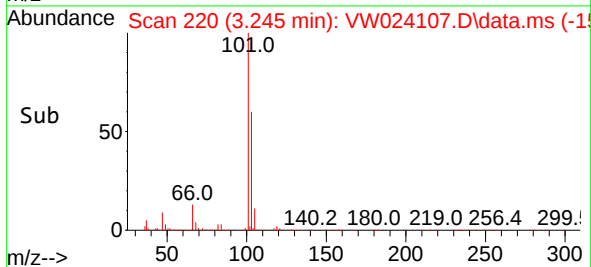
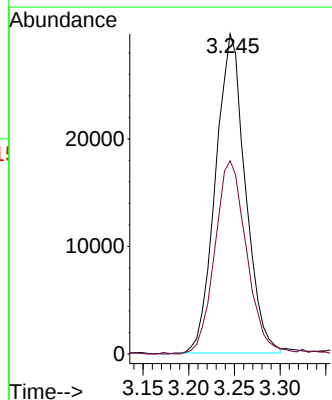
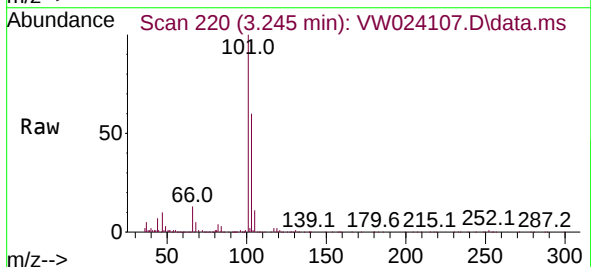
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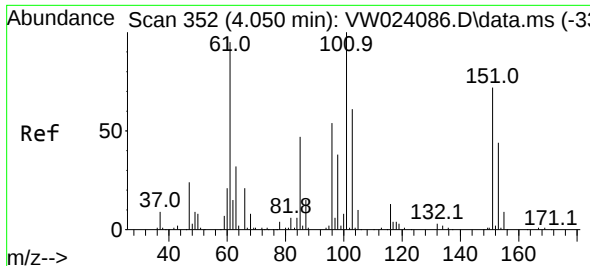
Tgt Ion: 64 Resp: 82290
Ion Ratio Lower Upper
64 100
66 32.7 23.9 44.3



#9
Trichlorofluoromethane
Concen: 22.963 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.006 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

Tgt Ion: 101 Resp: 67160
Ion Ratio Lower Upper
101 100
103 64.7 52.4 78.6

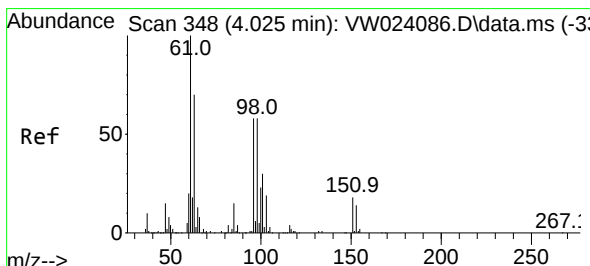
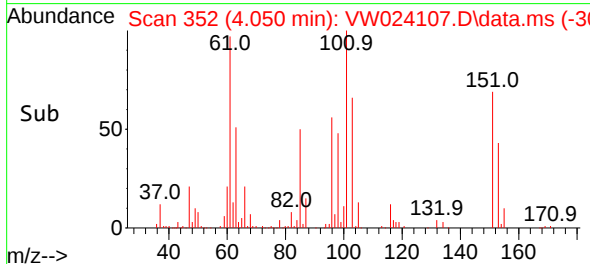
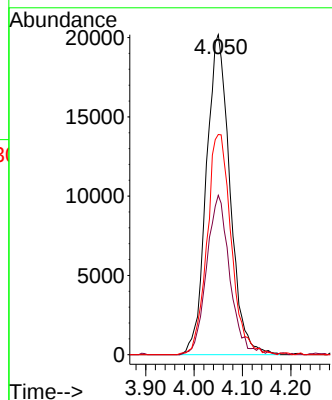
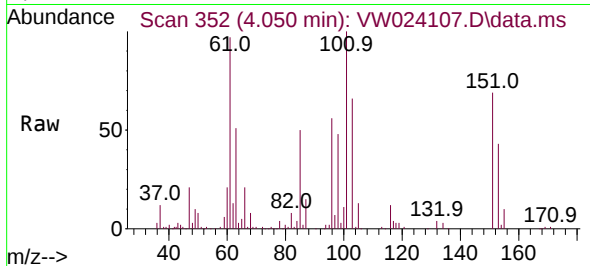




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.191 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW024107.D
 Acq: 26 Jul 2022 17:52

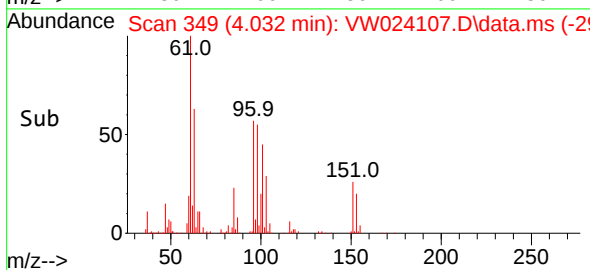
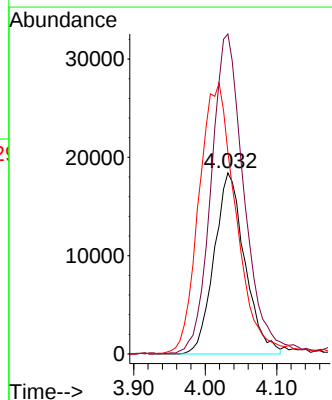
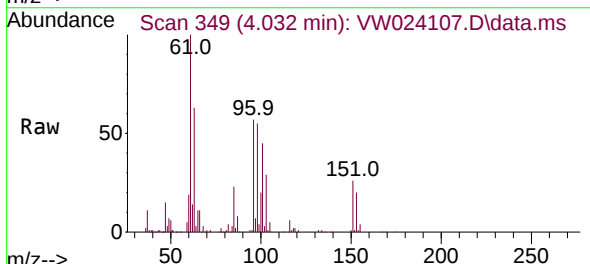
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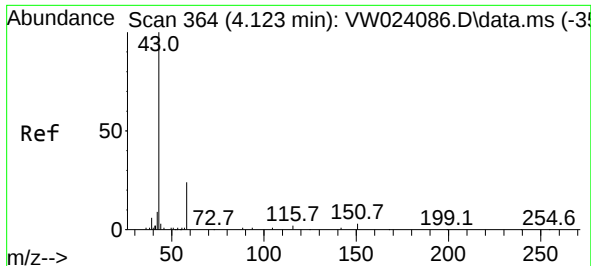
Tgt Ion:101 Resp: 68232
 Ion Ratio Lower Upper
 101 100
 85 48.2 39.8 59.8
 151 69.9 30.5 45.7#



#12
 1,1-Dichloroethene
 Concen: 24.678 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. 0.006 min
 Lab File: VW024107.D
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Tgt Ion: 96 Resp: 54788
 Ion Ratio Lower Upper
 96 100
 61 176.8 128.4 238.4
 63 111.6 93.1 172.9

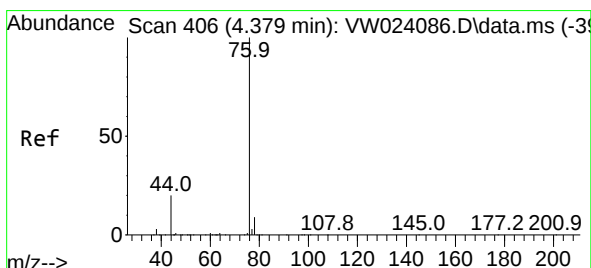
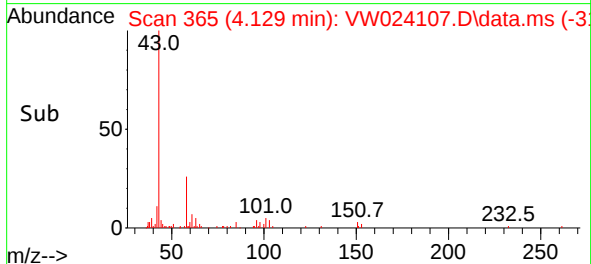
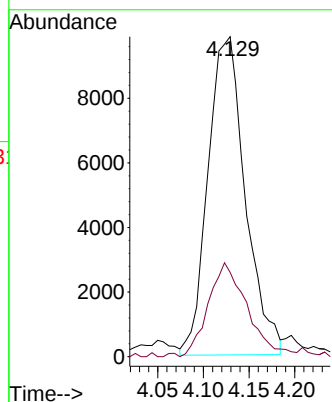
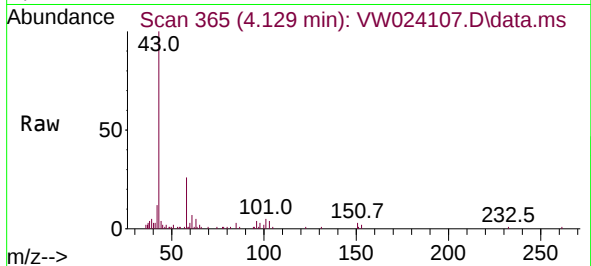




#13
Acetone
Concen: 49.356 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW024107.D
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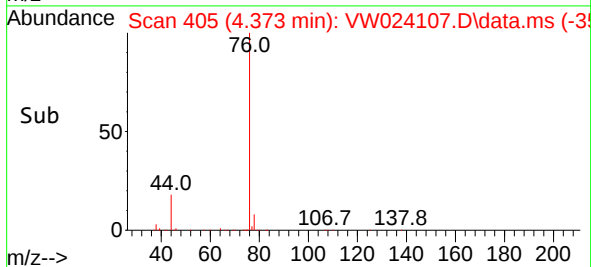
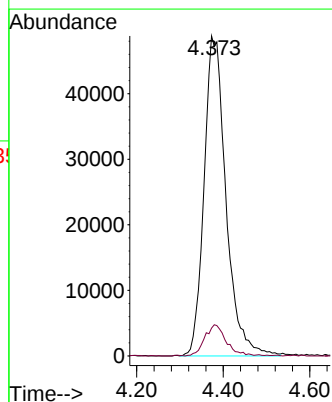
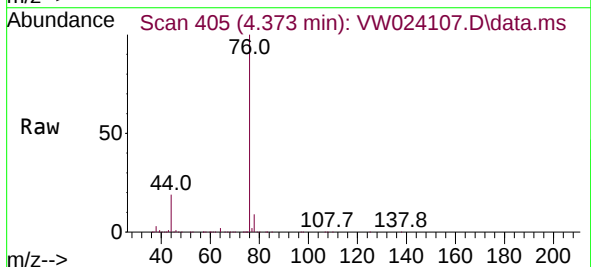
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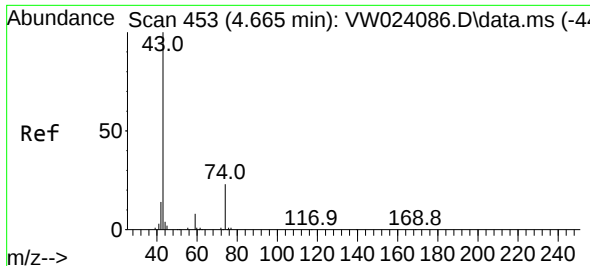
Tgt Ion: 43 Resp: 28048
Ion Ratio Lower Upper
43 100
58 30.1 0.0 60.0



#14
Carbon disulfide
Concen: 25.184 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 171731
Ion Ratio Lower Upper
76 100
78 8.7 6.6 10.0

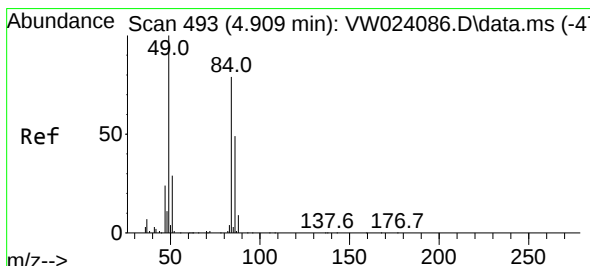
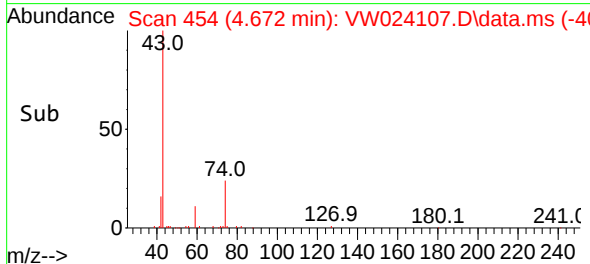
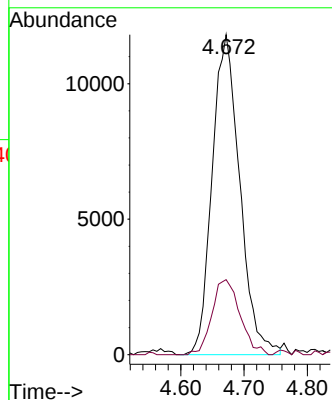
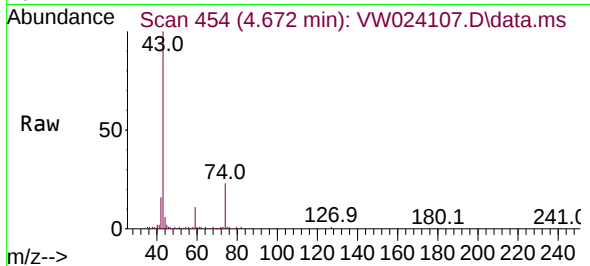




#15
Methyl Acetate
Concen: 26.128 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

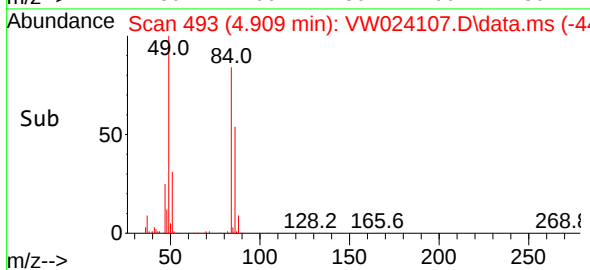
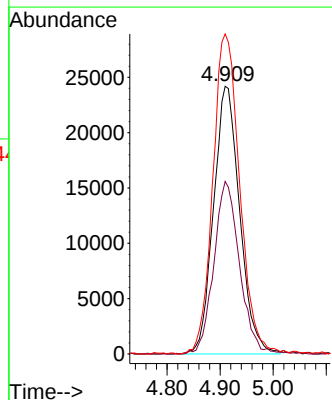
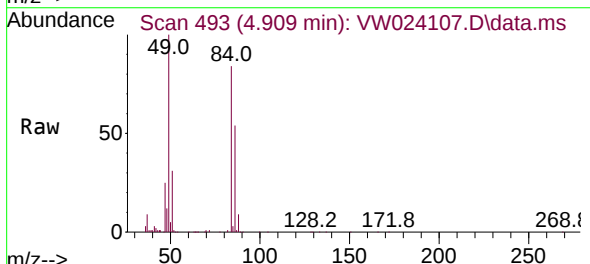
Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

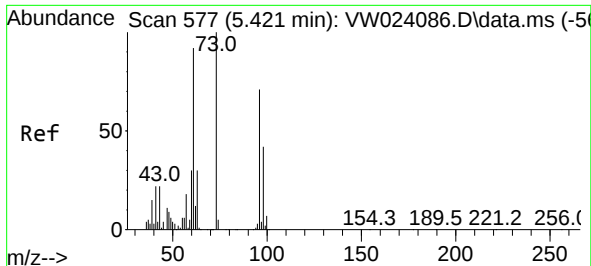
Tgt Ion: 43 Resp: 35817
Ion Ratio Lower Upper
43 100
74 23.1 21.1 31.7



#16
Methylene chloride
Concen: 25.900 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

Tgt Ion: 84 Resp: 82871
Ion Ratio Lower Upper
84 100
86 64.4 44.7 83.1
49 119.5 83.7 155.4

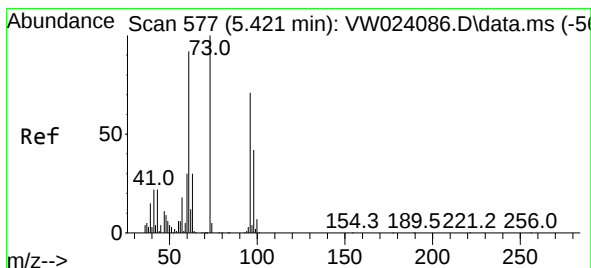
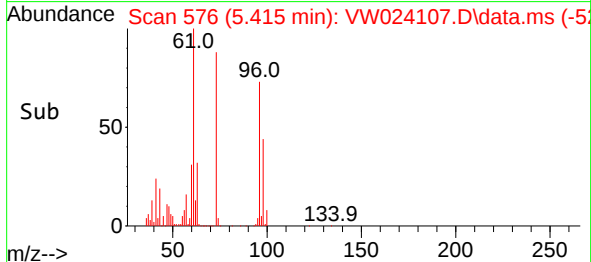
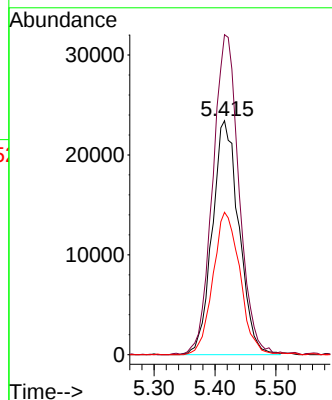
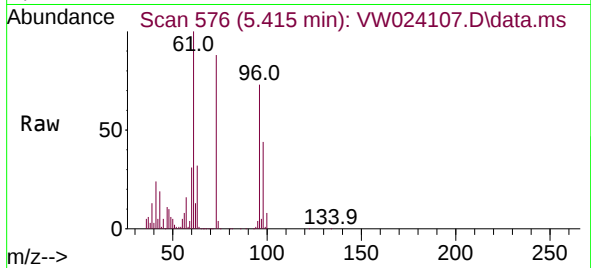




#17
trans-1,2-Dichloroethene
Concen: 26.152 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

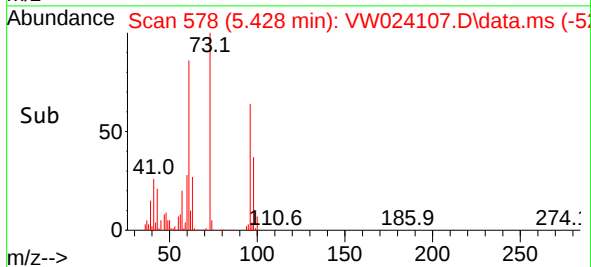
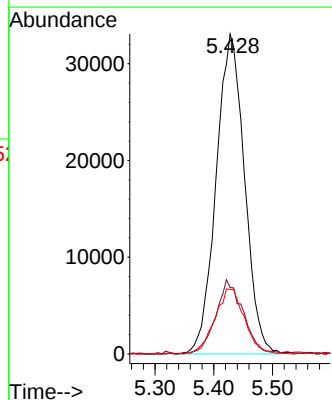
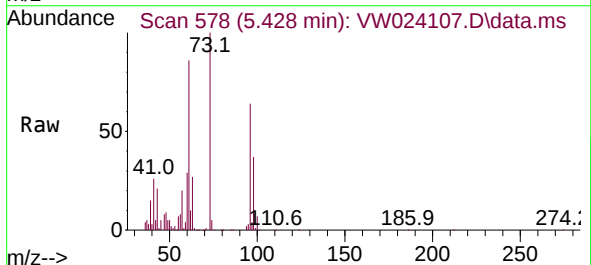
Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

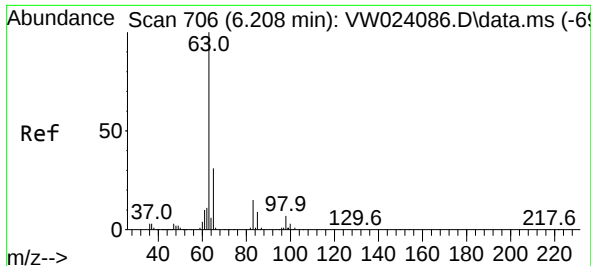
Tgt Ion: 96 Resp: 71040
Ion Ratio Lower Upper
96 100
61 136.8 92.7 172.1
98 60.9 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 27.582 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

Tgt Ion: 73 Resp: 111061
Ion Ratio Lower Upper
73 100
43 22.5 17.3 25.9
57 21.2 16.6 25.0

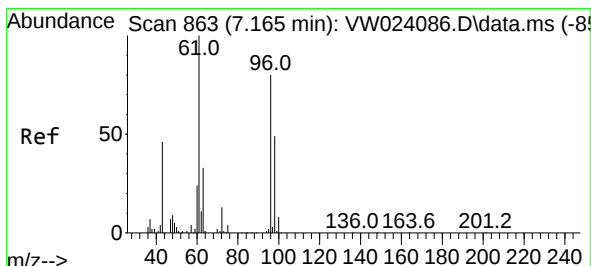
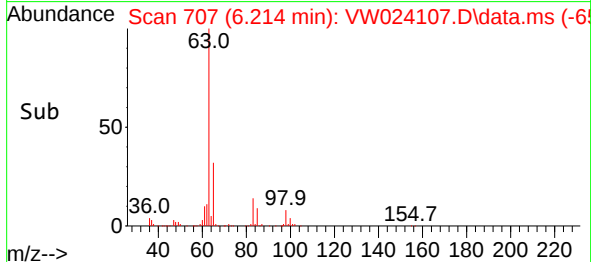
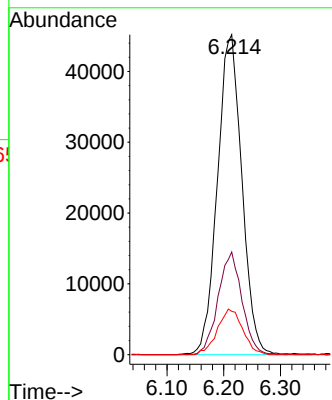
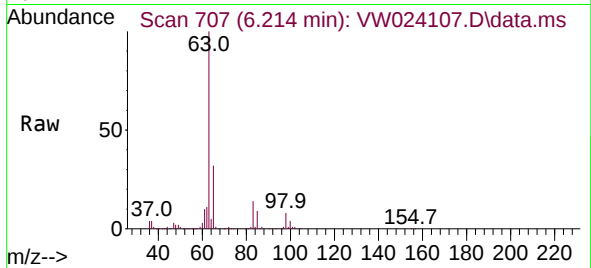




#19
 1,1-Dichloroethane
 Concen: 26.386 ug/L
 RT: 6.214 min Scan# 706
 Delta R.T. 0.006 min
 Lab File: VW024107.D
 Acq: 26 Jul 2022 17:52

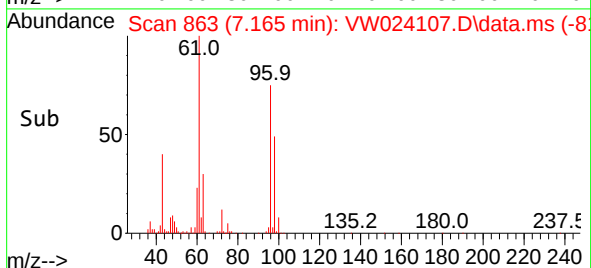
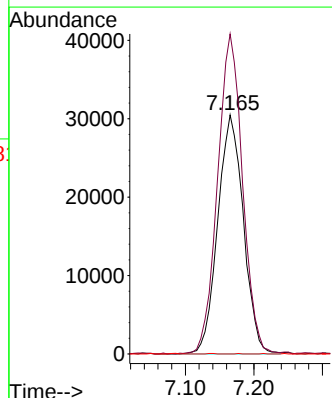
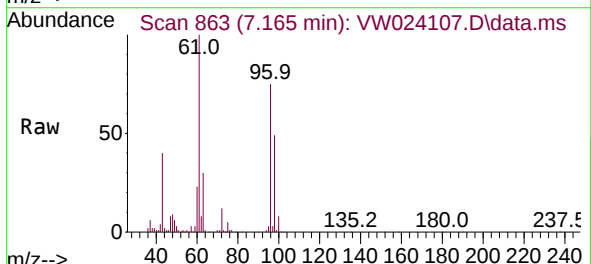
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025509

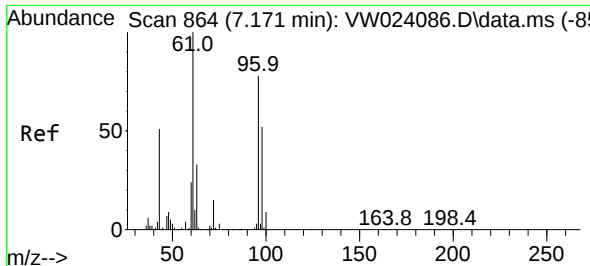
Tgt Ion: 63 Resp: 135387
 Ion Ratio Lower Upper
 63 100
 65 32.1 23.4 43.4
 83 13.5 9.7 17.9



#20
 cis-1,2-Dichloroethene
 Concen: 26.541 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW024107.D
 Acq: 26 Jul 2022 17:52

Tgt Ion: 96 Resp: 79169
 Ion Ratio Lower Upper
 96 100
 61 133.9 85.3 158.3
 68 0.0 0.0 0.0

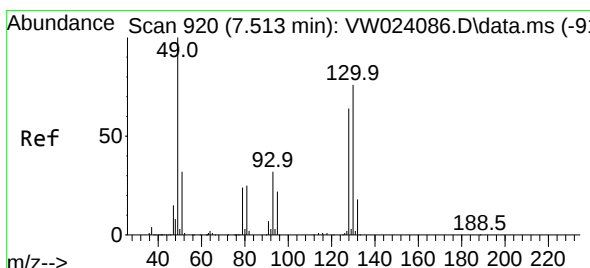
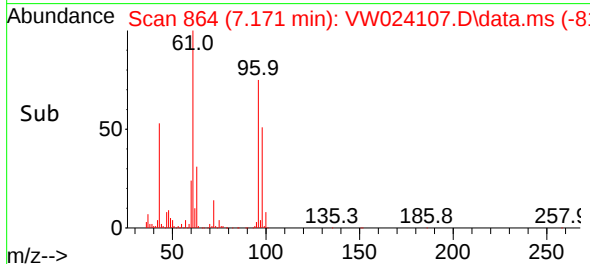
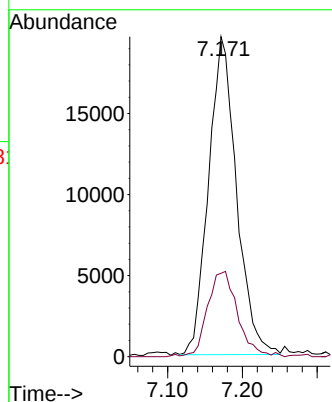
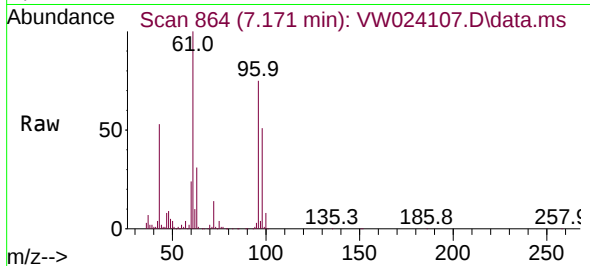




#22
2-Butanone
Concen: 55.992 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

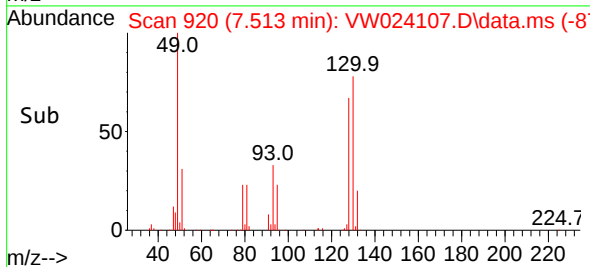
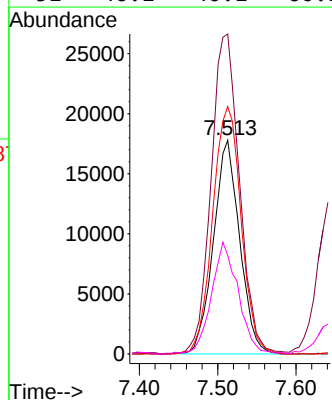
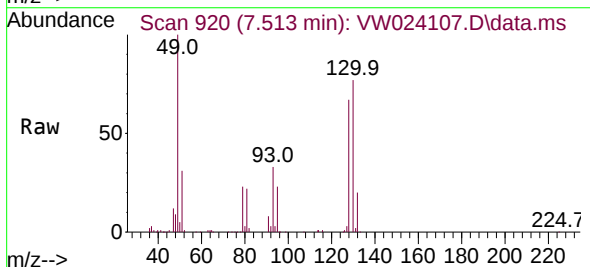
Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

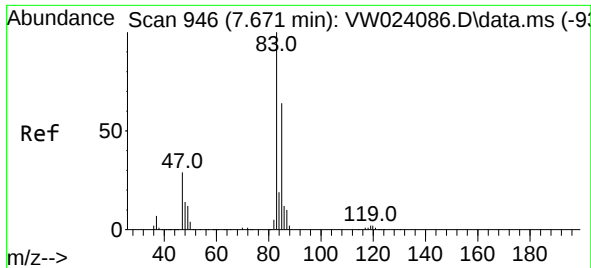
Tgt Ion: 43 Resp: 51071
Ion Ratio Lower Upper
43 100
72 28.4 15.0 45.0



#23
Bromochloromethane
Concen: 26.960 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

Tgt Ion: 128 Resp: 41386
Ion Ratio Lower Upper
128 100
49 149.7 119.8 222.4
130 115.7 90.7 168.5
51 46.1 40.1 60.1

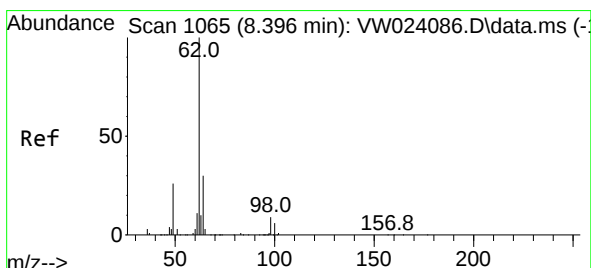
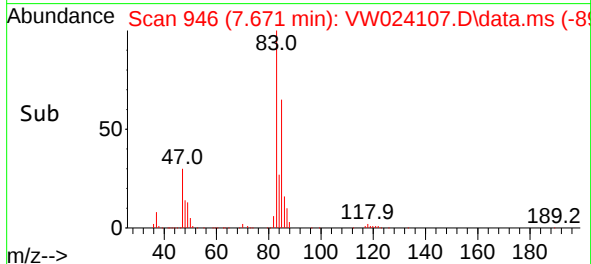
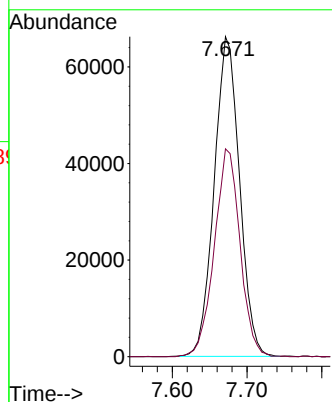
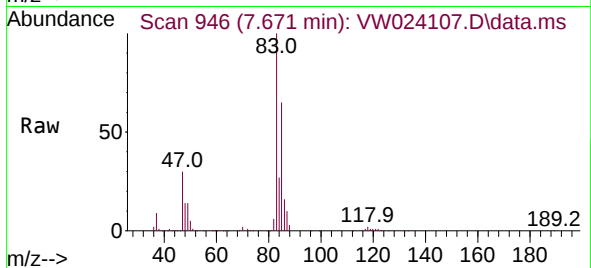




#25
Chloroform
Concen: 26.251 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

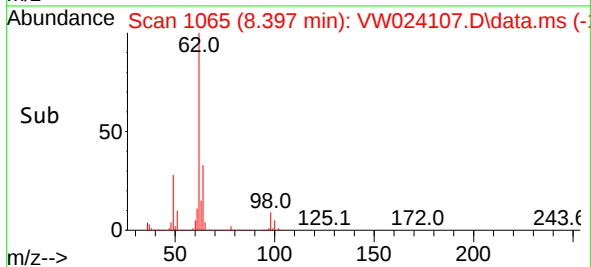
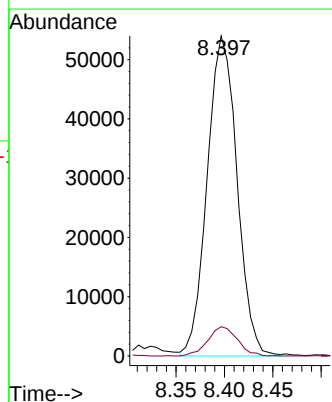
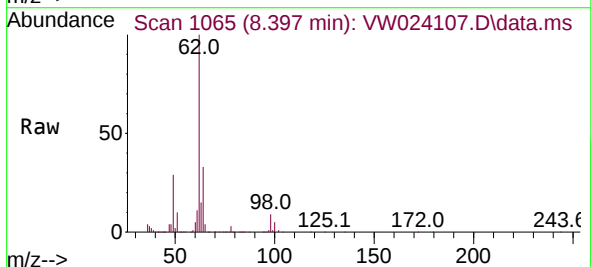
Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

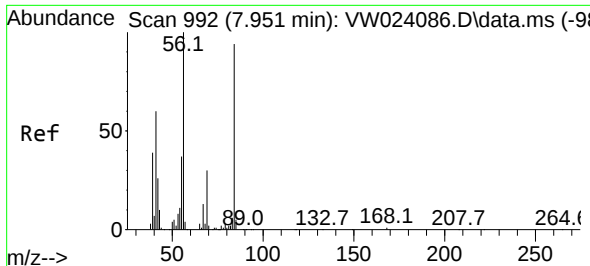
Tgt Ion: 83 Resp: 155852
Ion Ratio Lower Upper
83 100
85 65.0 44.1 81.9



#27
1,2-Dichloroethane
Concen: 27.397 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

Tgt Ion: 62 Resp: 115846
Ion Ratio Lower Upper
62 100
98 9.1 7.1 10.7

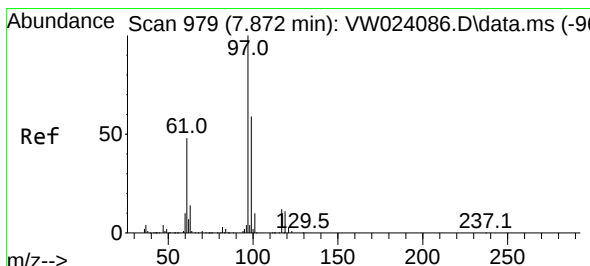
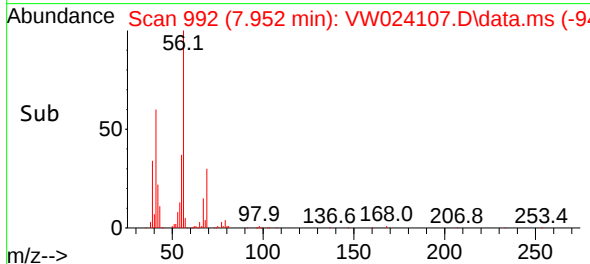
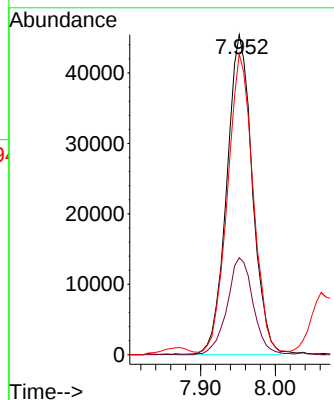
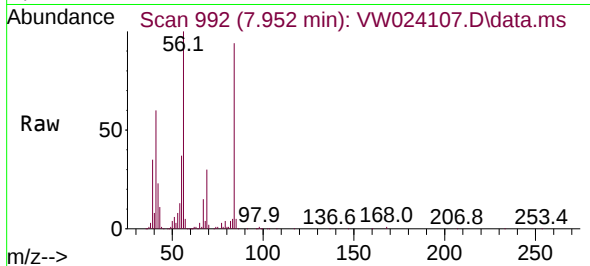




#29
Cyclohexane
Concen: 26.135 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

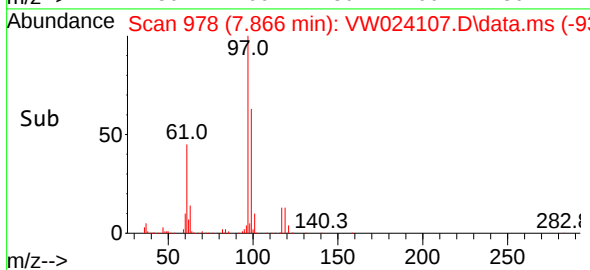
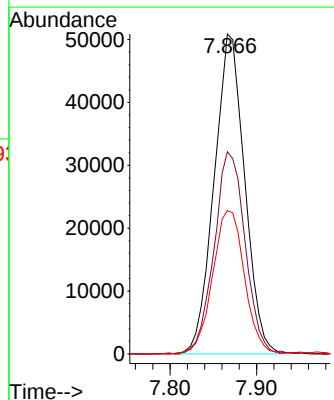
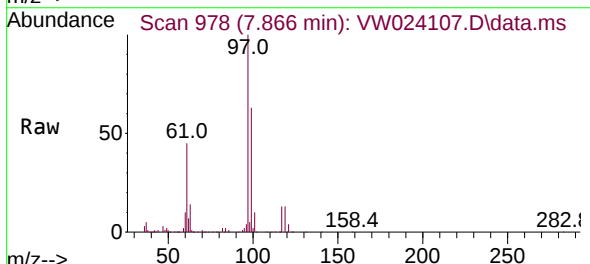
Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

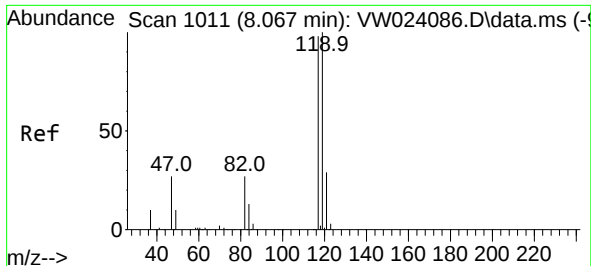
Tgt Ion: 56 Resp: 108242
Ion Ratio Lower Upper
56 100
69 30.8 24.1 36.1
84 95.0 76.2 114.4



#30
1,1,1-Trichloroethane
Concen: 24.752 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

Tgt Ion: 97 Resp: 124370
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 46.8 37.8 56.6

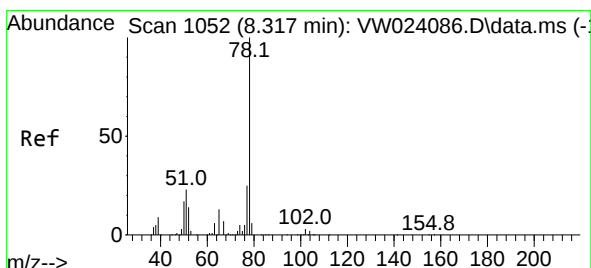
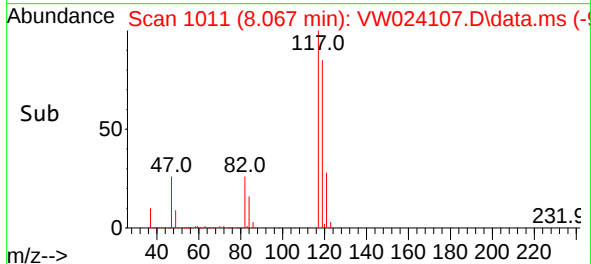
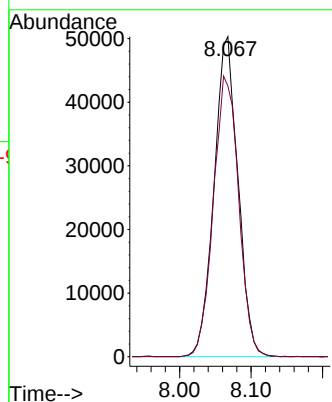
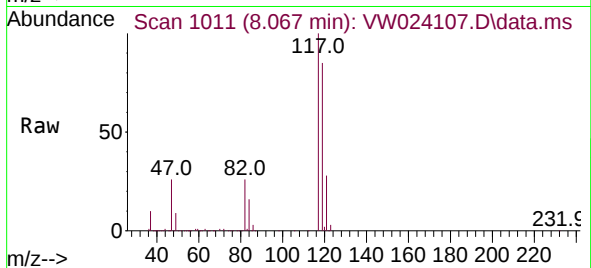




#31
Carbon tetrachloride
Concen: 25.258 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

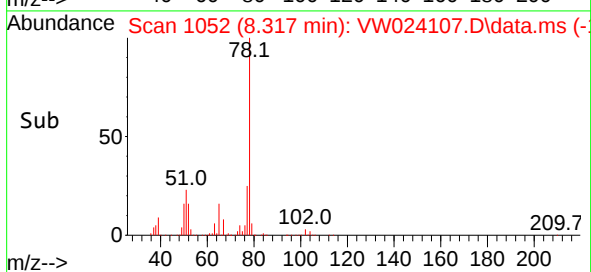
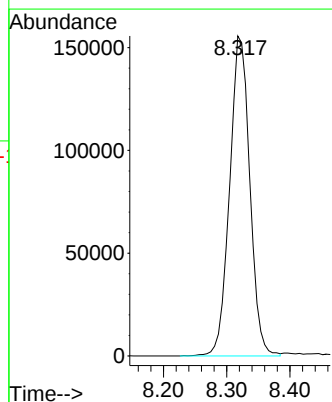
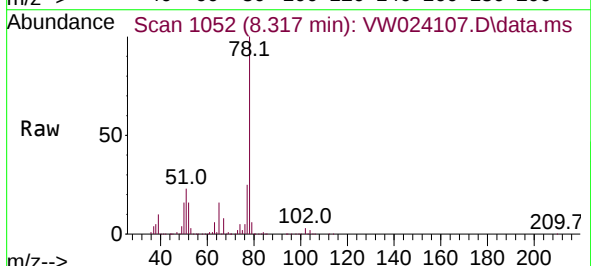
Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

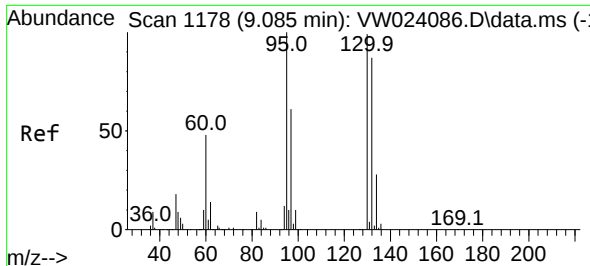
Tgt Ion:117 Resp: 116986
Ion Ratio Lower Upper
117 100
119 92.6 75.0 112.4



#33
Benzene
Concen: 26.570 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

Tgt Ion: 78 Resp: 345038





#34

Trichloroethene

Concen: 24.614 ug/L

RT: 9.086 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VW024107.D

Acq: 26 Jul 2022 17:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025509

Tgt Ion: 95 Resp: 84642

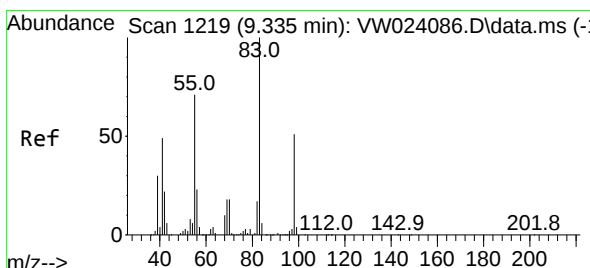
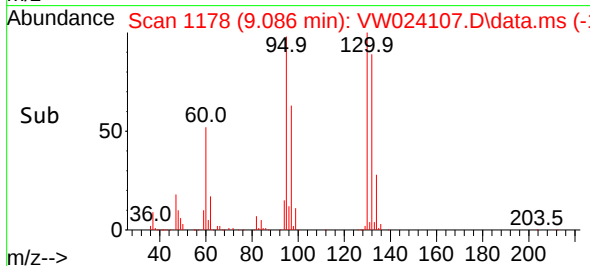
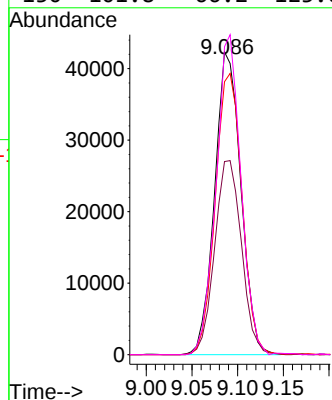
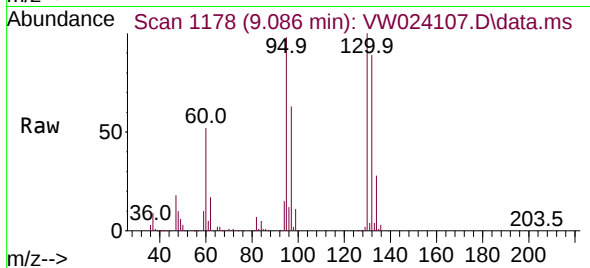
Ion Ratio Lower Upper

95 100

97 63.8 46.5 86.3

132 90.2 65.8 122.2

130 101.8 66.2 123.0



#35

Methylcyclohexane

Concen: 26.498 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024107.D

Acq: 26 Jul 2022 17:52

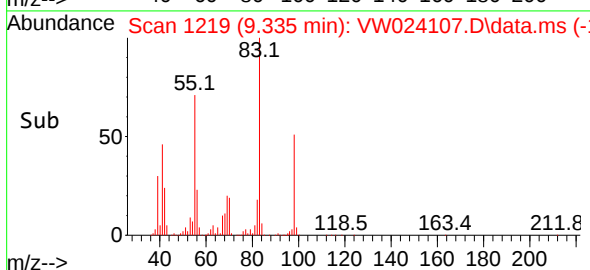
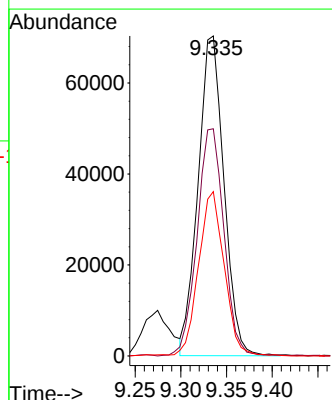
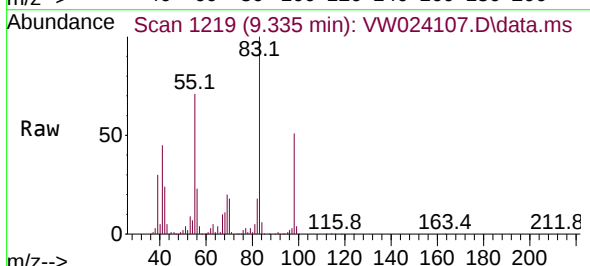
Tgt Ion: 83 Resp: 138435

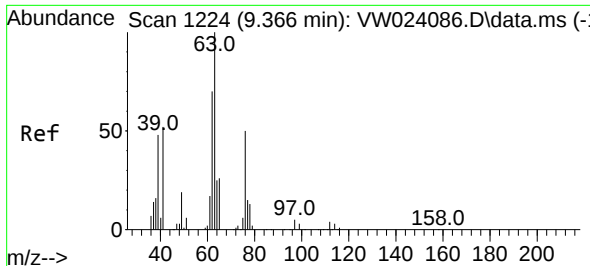
Ion Ratio Lower Upper

83 100

55 73.8 57.3 85.9

98 50.5 38.9 58.3





#37

1,2-Dichloropropane

Concen: 26.770 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024107.D

Acq: 26 Jul 2022 17:52

Instrument :

MSVOA_W

ClientSampleId :

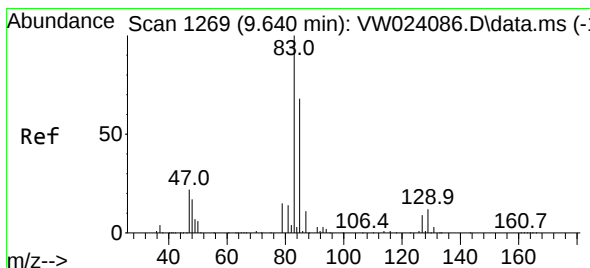
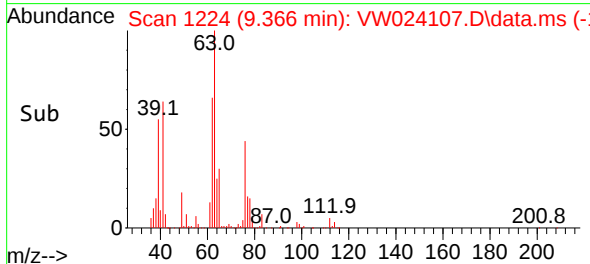
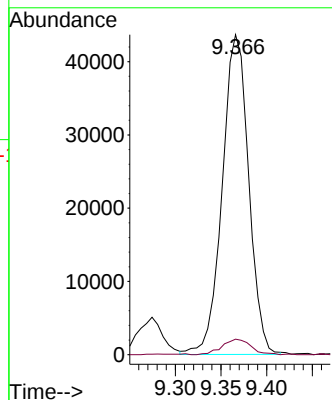
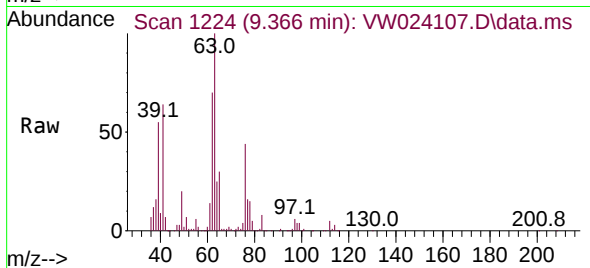
VSTD025509

Tgt Ion: 63 Resp: 87889

Ion Ratio Lower Upper

63 100

112 5.3 3.9 5.9



#38

Bromodichloromethane

Concen: 26.296 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024107.D

Acq: 26 Jul 2022 17:52

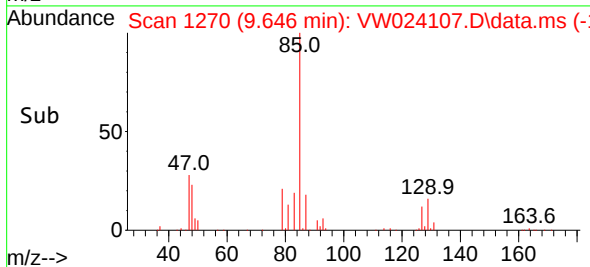
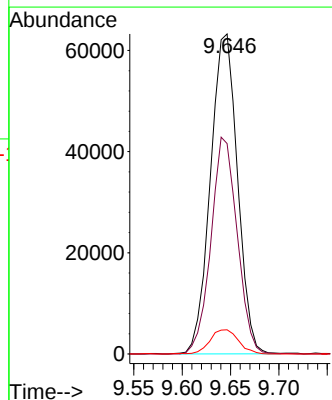
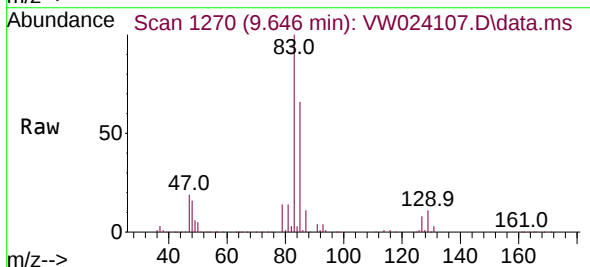
Tgt Ion: 83 Resp: 123090

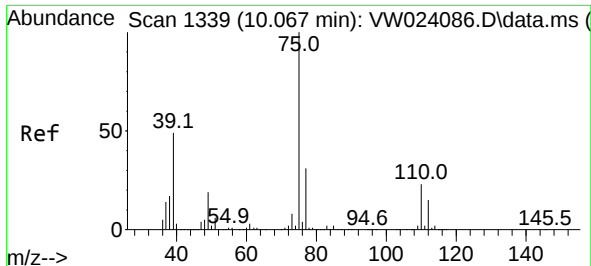
Ion Ratio Lower Upper

83 100

85 65.7 45.1 83.7

127 7.6 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 25.264 ug/L

RT: 10.067 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024107.D

Acq: 26 Jul 2022 17:52

Instrument :

MSVOA_W

ClientSampleId :

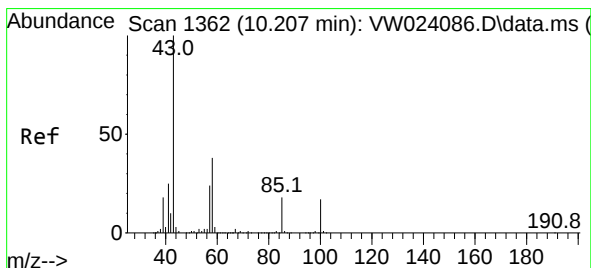
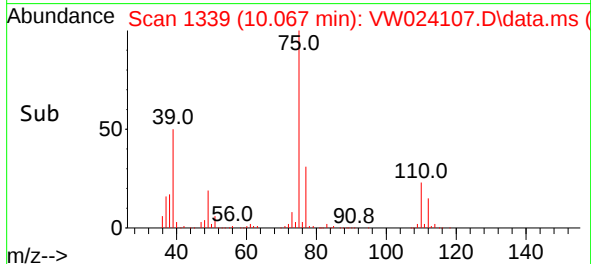
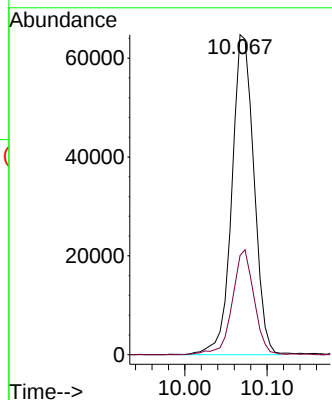
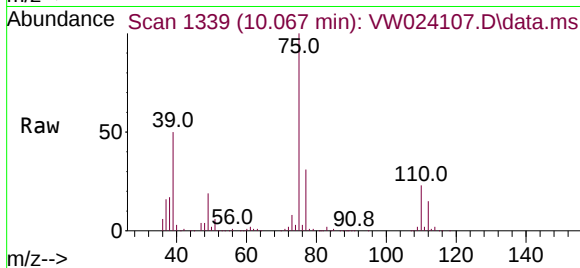
VSTD025509

Tgt Ion: 75 Resp: 120845

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 56.052 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024107.D

Acq: 26 Jul 2022 17:52

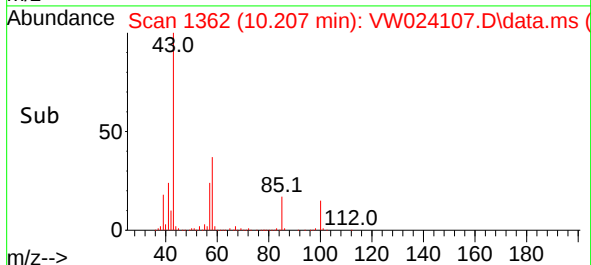
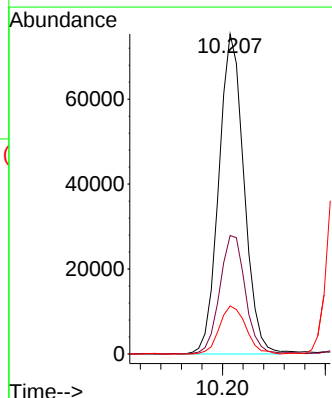
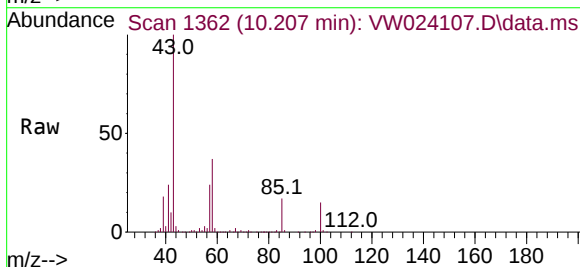
Tgt Ion: 43 Resp: 128052

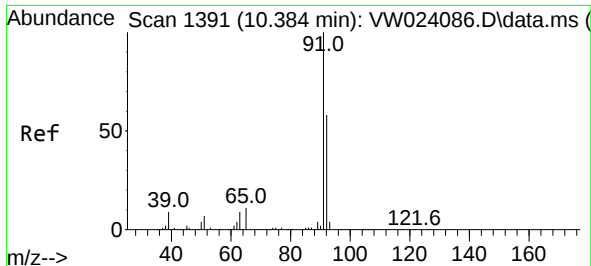
Ion Ratio Lower Upper

43 100

58 37.6 30.8 46.2

100 15.8 13.0 19.6

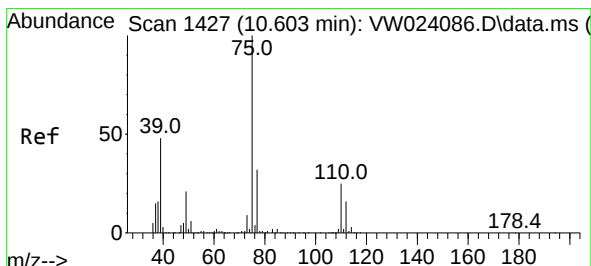
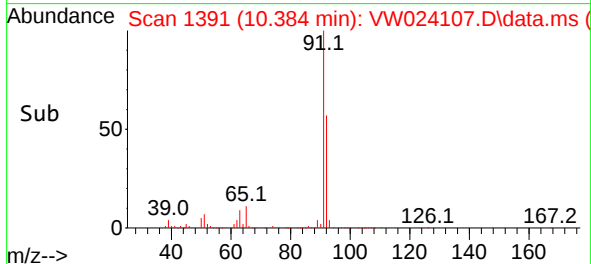
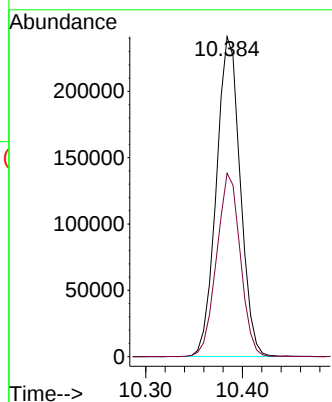
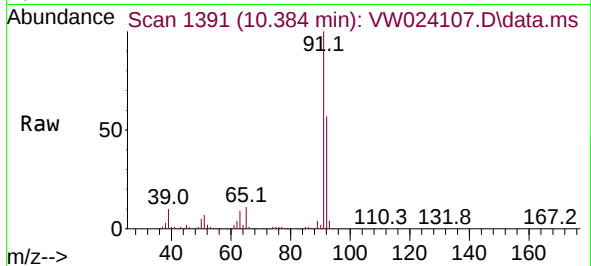




#42
Toluene
Concen: 28.088 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

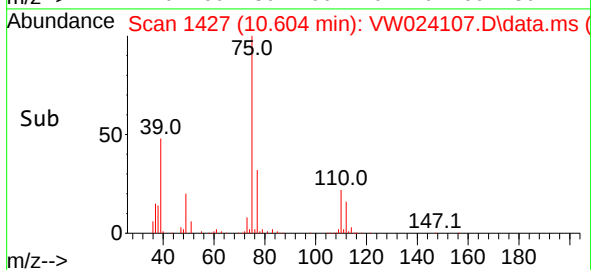
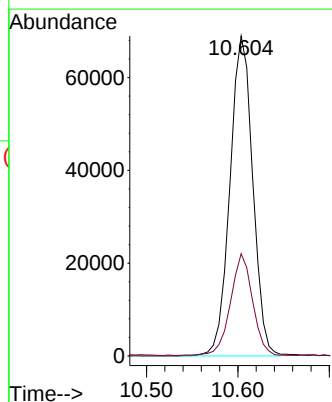
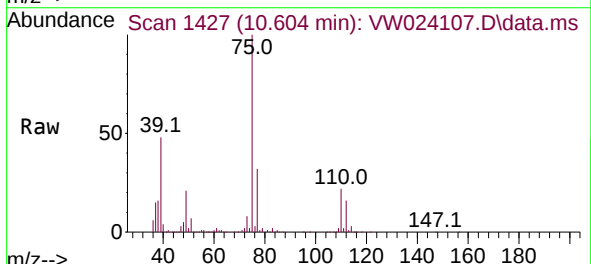
Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

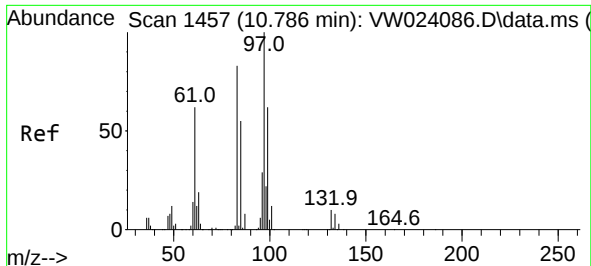
Tgt Ion: 91 Resp: 412569
Ion Ratio Lower Upper
91 100
92 57.3 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 26.387 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

Tgt Ion: 75 Resp: 119525
Ion Ratio Lower Upper
75 100
77 32.0 21.3 39.6

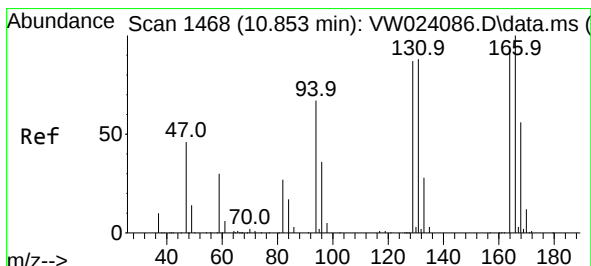
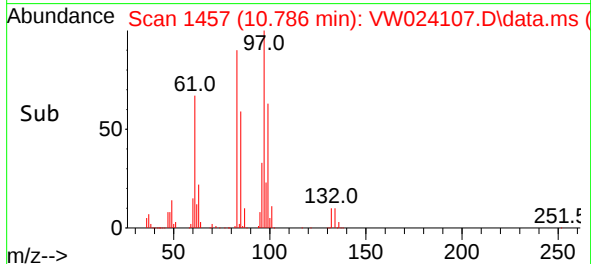
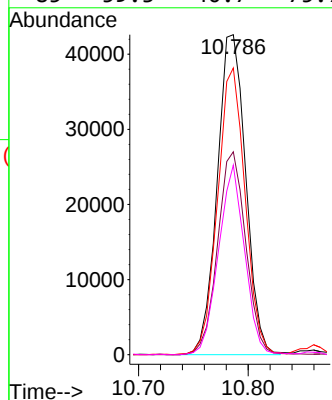
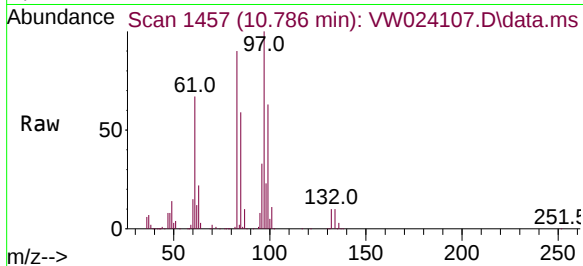




#45
1,1,2-Trichloroethane
Concen: 26.833 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

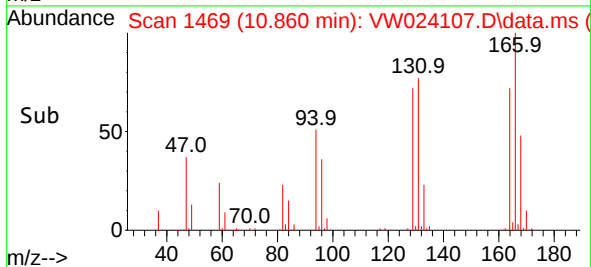
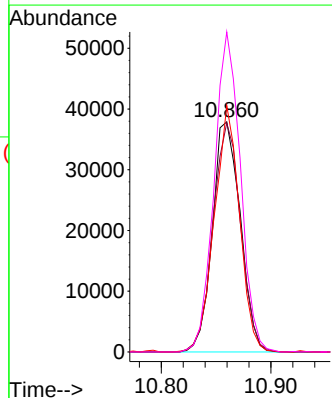
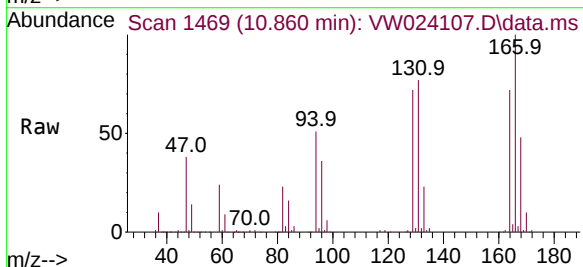
Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

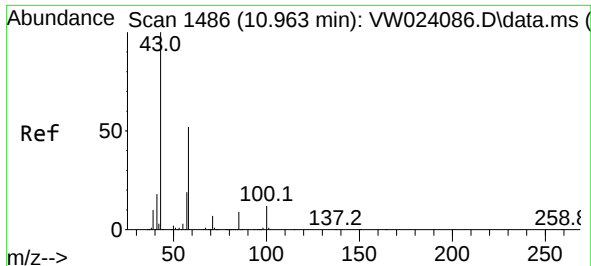
Tgt Ion:	97	Resp:	76958
Ion	Ratio	Lower	Upper
97	100		
99	63.4	46.2	85.8
83	89.6	61.2	113.6
85	59.3	40.7	75.7



#46
Tetrachloroethene
Concen: 24.836 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

Tgt Ion:	164	Resp:	66843
Ion	Ratio	Lower	Upper
164	100		
129	99.5	65.7	122.1
131	107.1	69.2	128.4
166	139.0	92.8	172.4

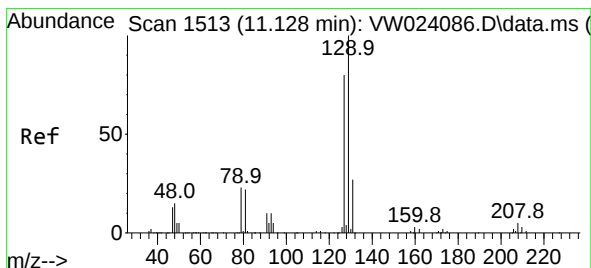
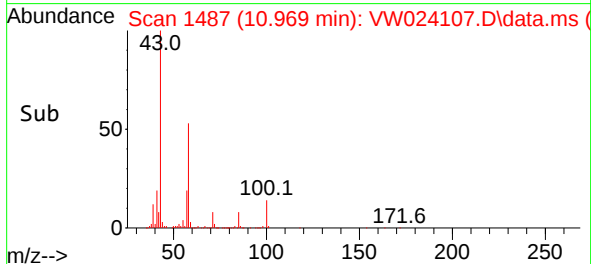
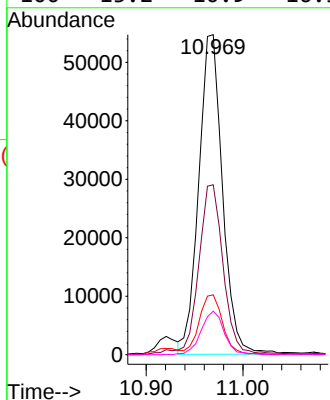
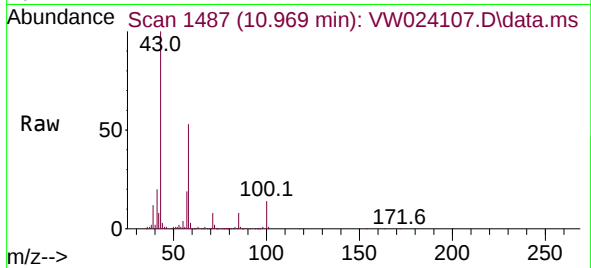




#48
2-Hexanone
Concen: 56.567 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

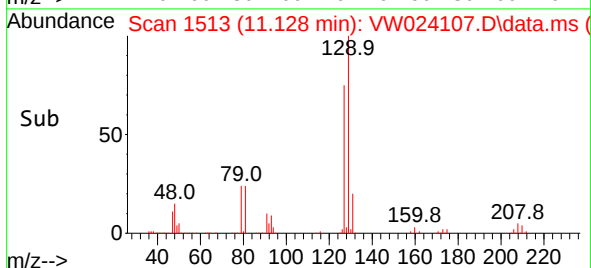
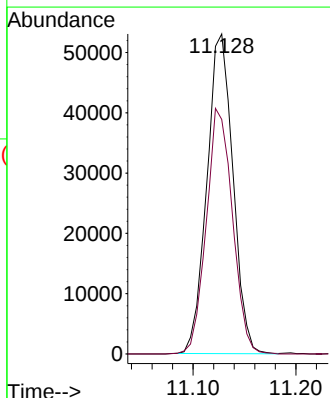
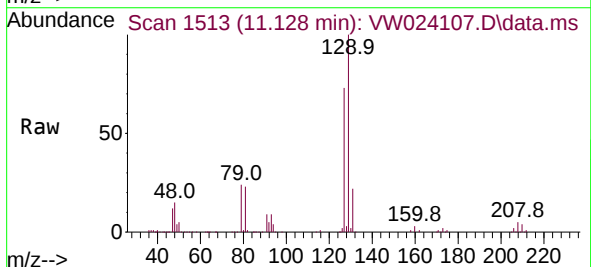
Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

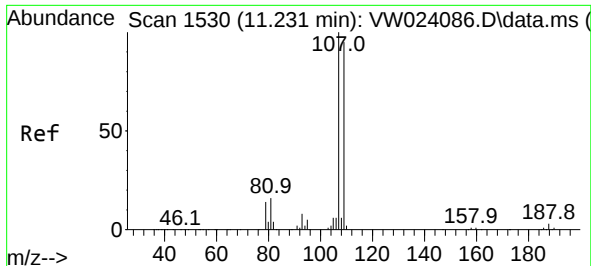
Tgt Ion: 43	Resp: 93651
Ion Ratio	Lower Upper
43 100	
58 52.6	41.0 61.6
57 18.3	14.5 21.7
100 13.2	10.9 16.3



#49
Dibromochloromethane
Concen: 27.852 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

Tgt Ion: 129	Resp: 93338
Ion Ratio	Lower Upper
129 100	
127 73.3	55.0 102.2





#50

1,2-Dibromoethane

Concen: 27.026 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024107.D

Acq: 26 Jul 2022 17:52

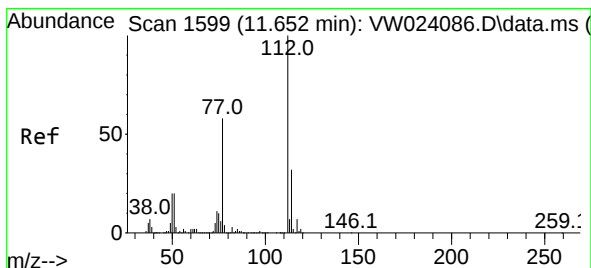
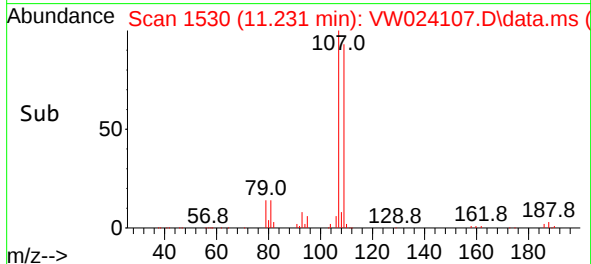
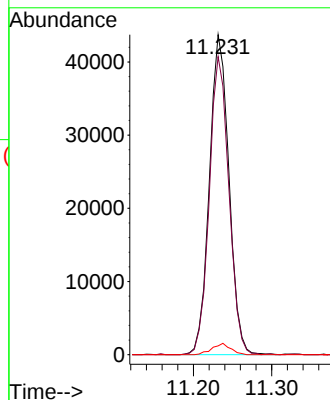
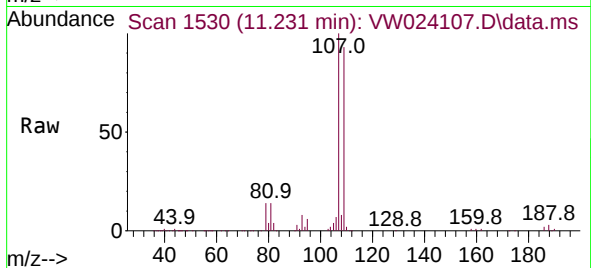
Instrument :

MSVOA_W

ClientSampleId :

VSTD025509

Tgt Ion:107	Resp:	75890
Ion	Ratio	Lower Upper
107	100	
109	93.2	62.2 115.6
188	2.8	2.2 3.2



#51

Chlorobenzene

Concen: 27.551 ug/L

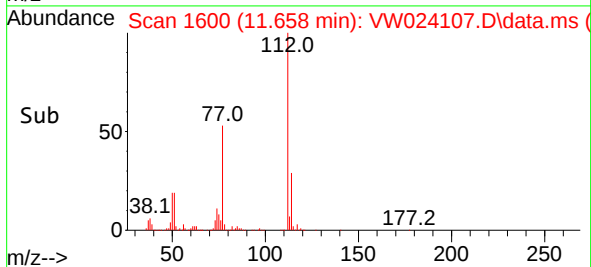
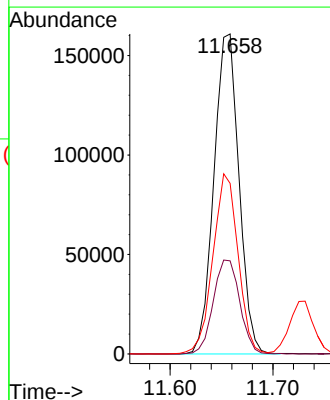
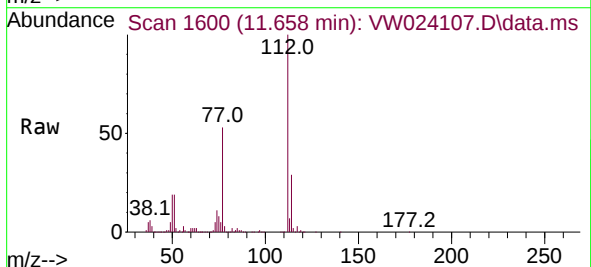
RT: 11.658 min Scan# 1600

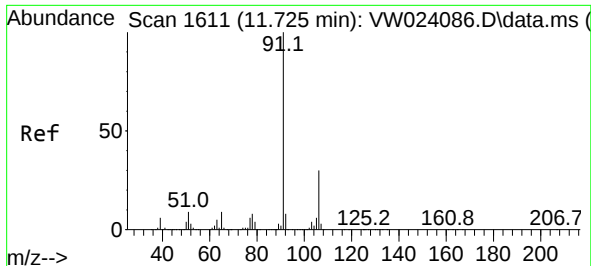
Delta R.T. 0.006 min

Lab File: VW024107.D

Acq: 26 Jul 2022 17:52

Tgt Ion:112	Resp:	272362
Ion	Ratio	Lower Upper
112	100	
114	29.1	23.7 43.9
77	53.3	48.2 72.2

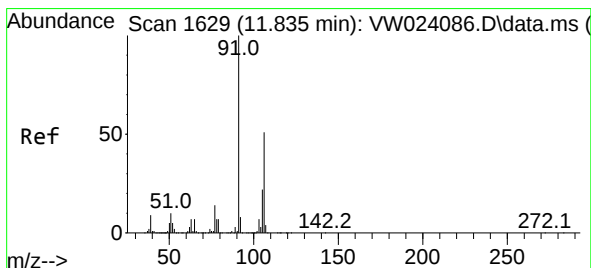
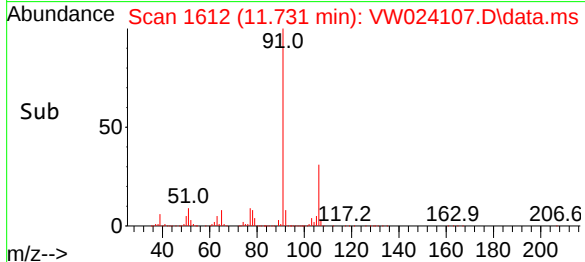
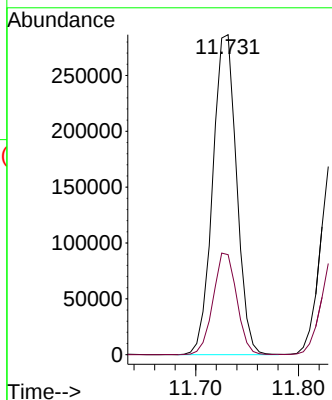
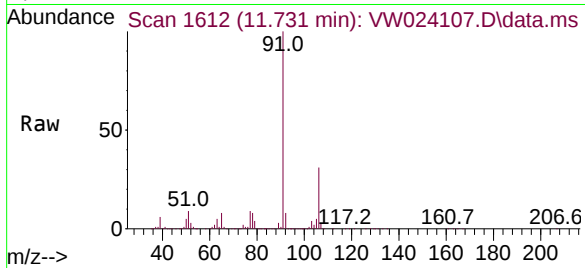




#52
Ethylbenzene
Concen: 28.544 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

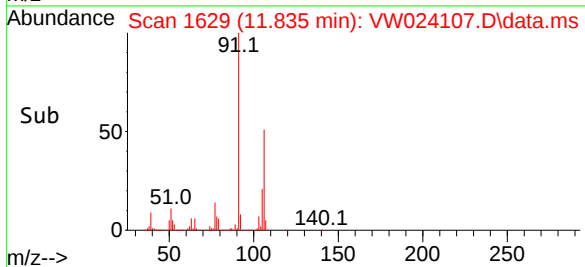
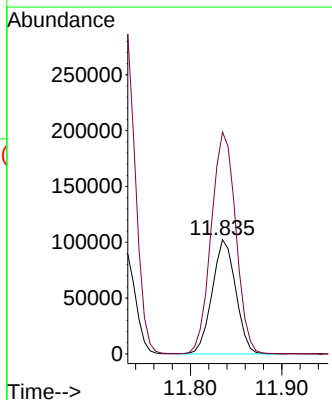
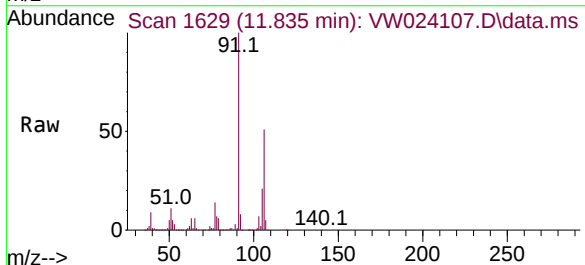
Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

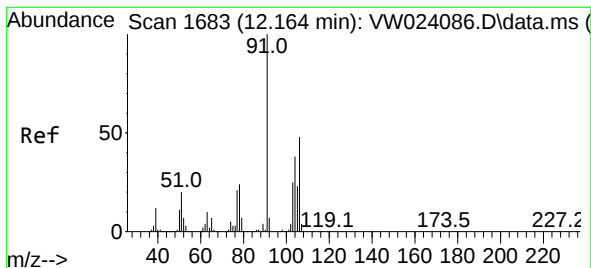
Tgt Ion: 91 Resp: 462058
Ion Ratio Lower Upper
91 100
106 31.3 21.0 39.0



#53
m,p-Xylene
Concen: 29.198 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

Tgt Ion:106 Resp: 183455
Ion Ratio Lower Upper
106 100
91 194.3 142.9 265.3

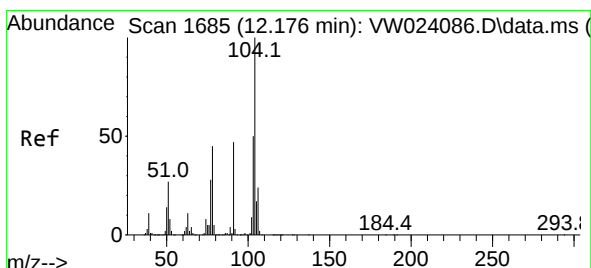
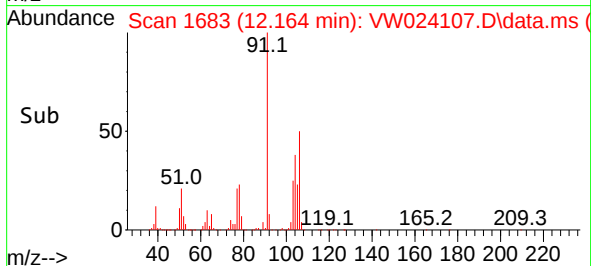
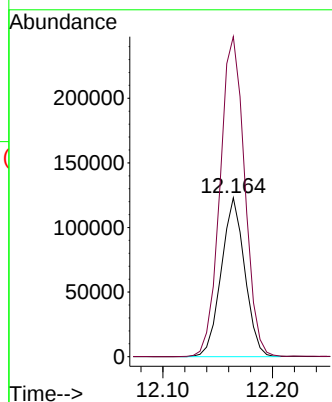
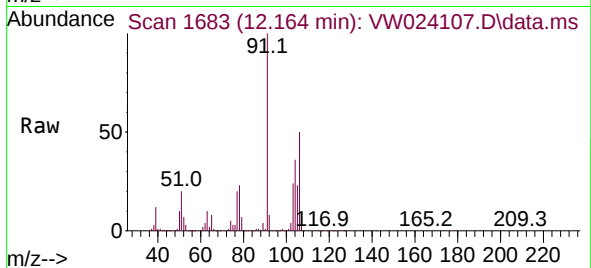




#54
o-Xylene
Concen: 30.495 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

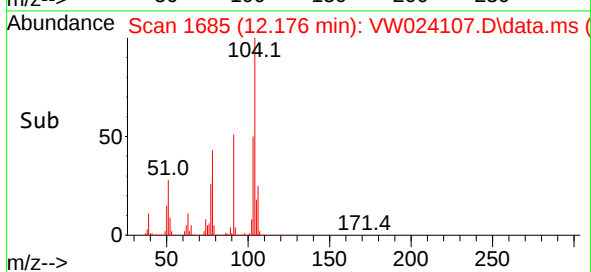
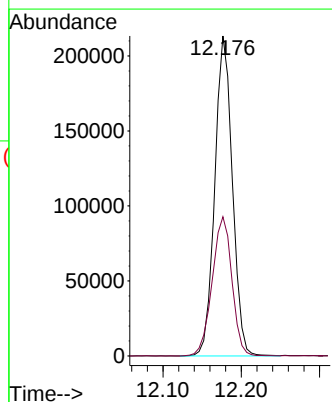
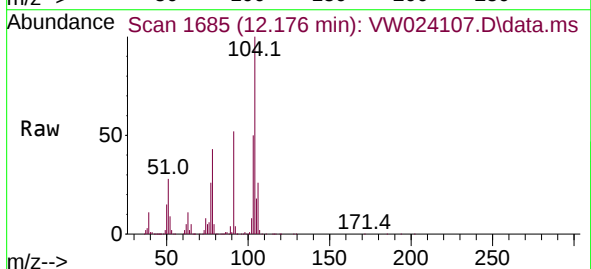
Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

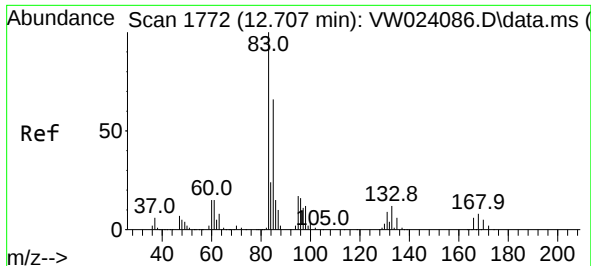
Tgt Ion:106 Resp: 183235
Ion Ratio Lower Upper
106 100
91 201.5 150.6 279.6



#55
Styrene
Concen: 30.965 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

Tgt Ion:104 Resp: 333320
Ion Ratio Lower Upper
104 100
78 43.5 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 27.441 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024107.D

Acq: 26 Jul 2022 17:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025509

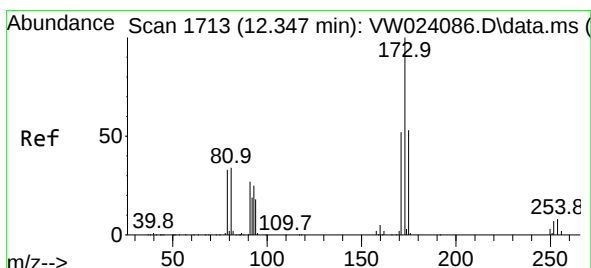
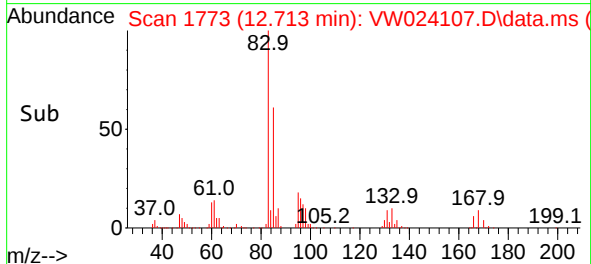
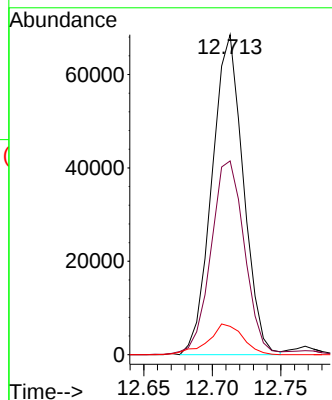
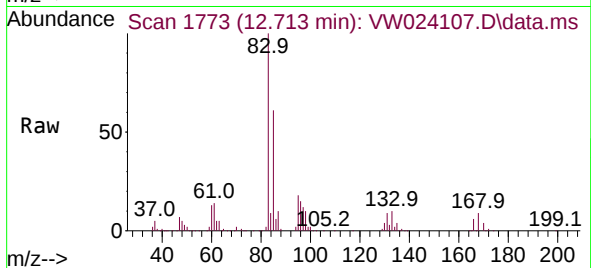
Tgt Ion: 83 Resp: 109076

Ion Ratio Lower Upper

83 100

85 60.5 44.4 82.5

131 8.9 7.5 11.3



#59

Bromoform

Concen: 27.377 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024107.D

Acq: 26 Jul 2022 17:52

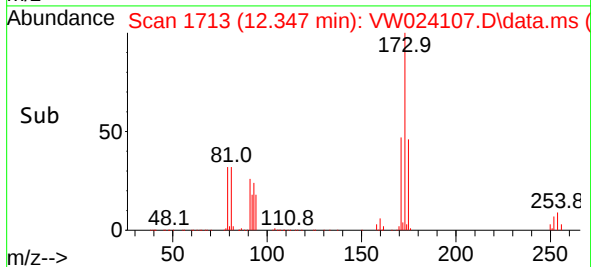
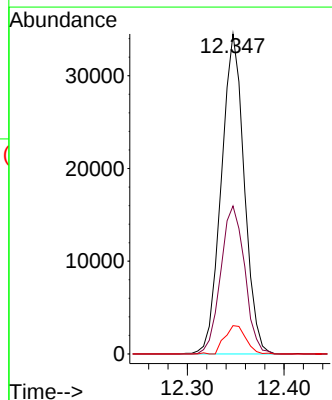
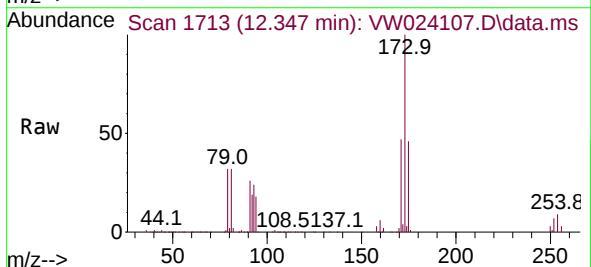
Tgt Ion:173 Resp: 56649

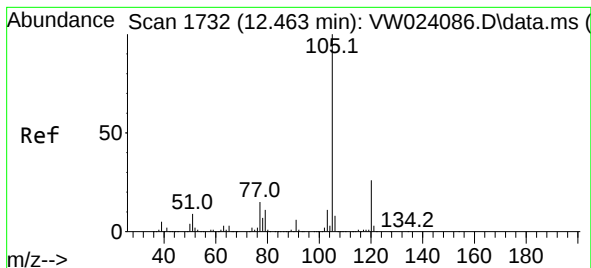
Ion Ratio Lower Upper

173 100

175 48.4 38.4 57.6

254 8.2 7.0 10.4





#60

Isopropylbenzene

Concen: 29.384 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024107.D

Acq: 26 Jul 2022 17:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025509

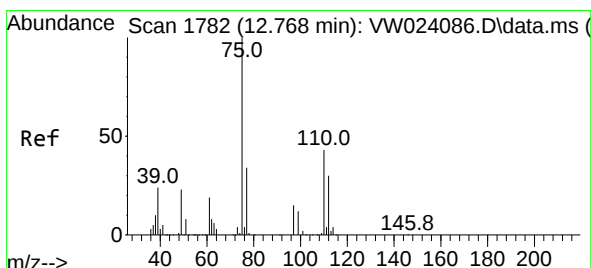
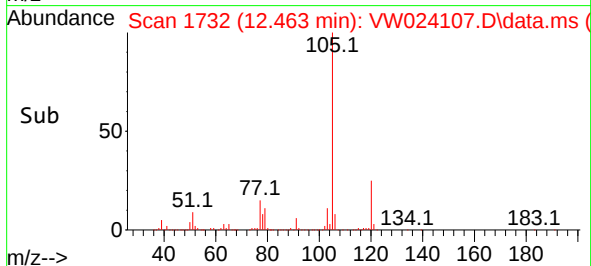
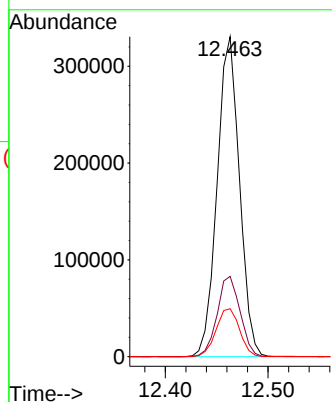
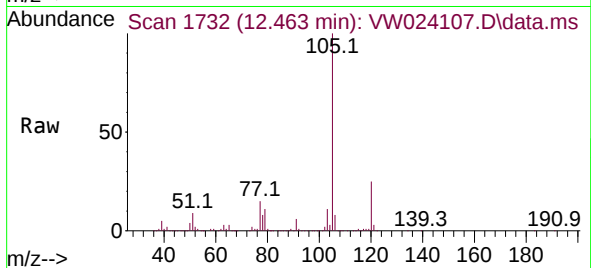
Tgt Ion:105 Resp: 498249

Ion Ratio Lower Upper

105 100

120 25.7 21.1 31.7

77 15.8 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 26.392 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024107.D

Acq: 26 Jul 2022 17:52

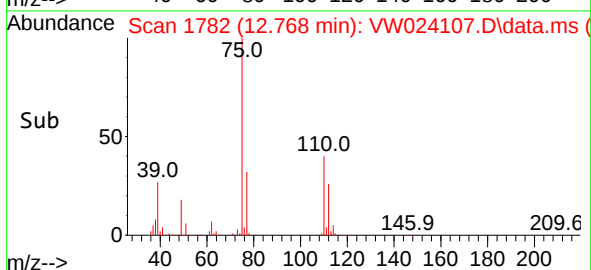
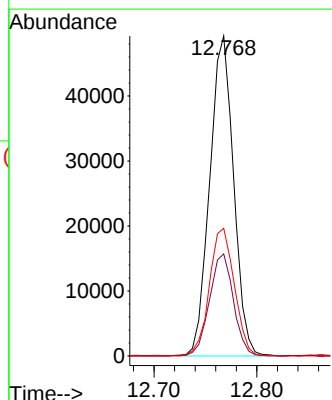
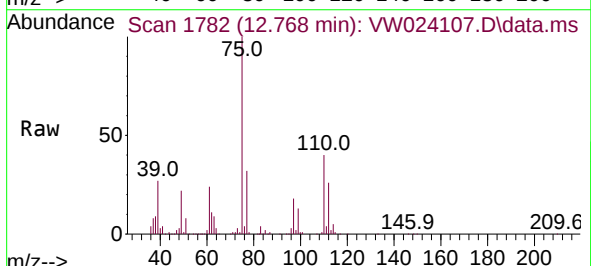
Tgt Ion: 75 Resp: 79412

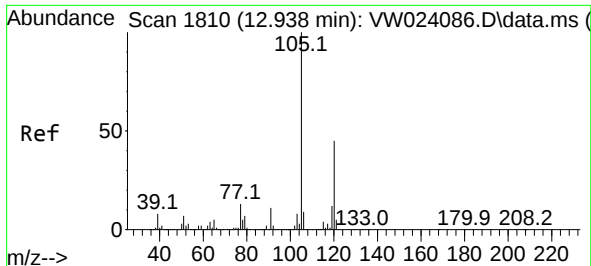
Ion Ratio Lower Upper

75 100

77 31.9 26.1 39.1

110 41.7 33.0 49.4

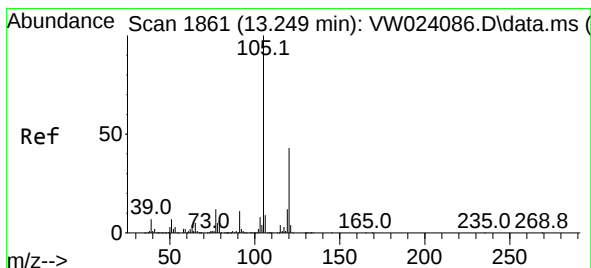
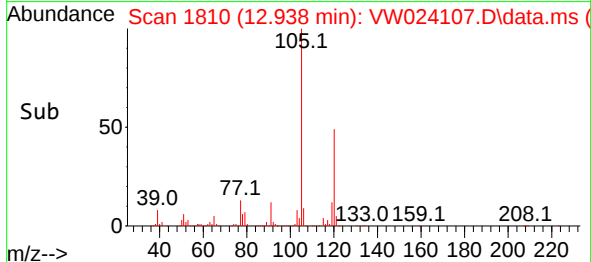
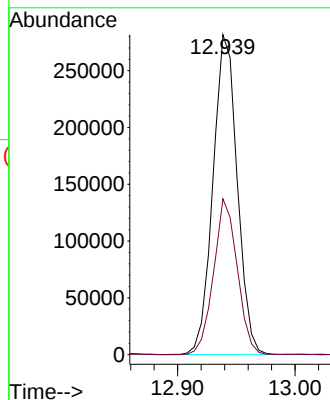
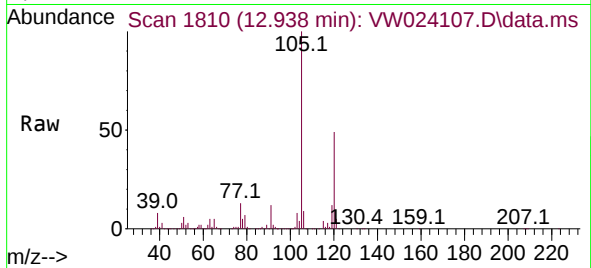




#62
 1,3,5-Trimethylbenzene
 Concen: 29.576 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW024107.D
 Acq: 26 Jul 2022 17:52

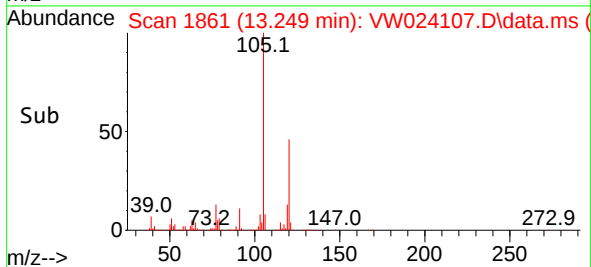
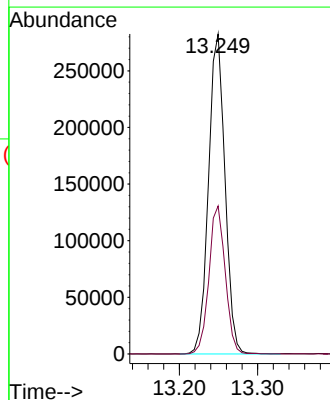
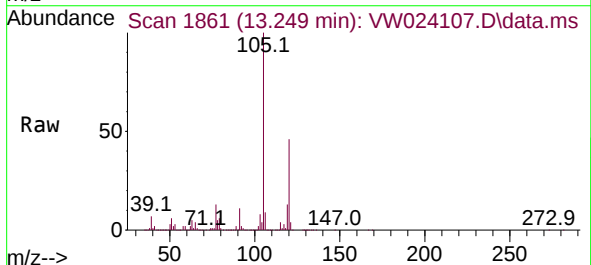
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025509

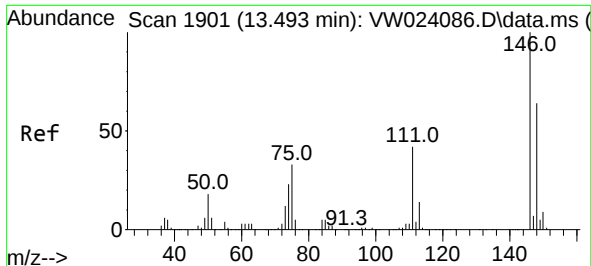
Tgt Ion:105 Resp: 403467
 Ion Ratio Lower Upper
 105 100
 120 47.6 38.1 57.1



#63
 1,2,4-Trimethylbenzene
 Concen: 29.802 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW024107.D
 Acq: 26 Jul 2022 17:52

Tgt Ion:105 Resp: 411470
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.1 54.1

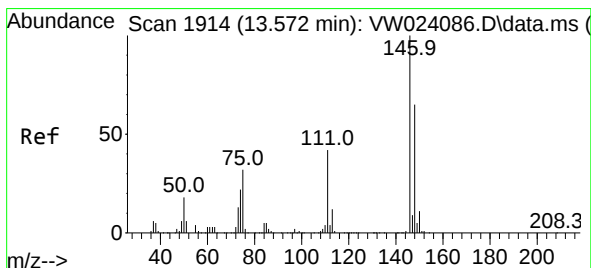
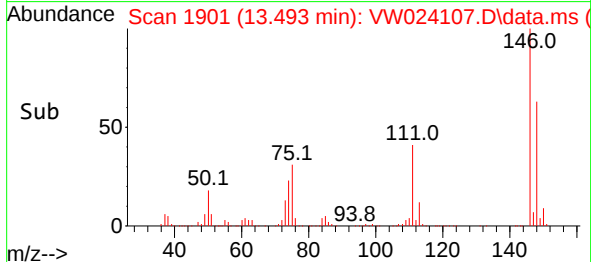
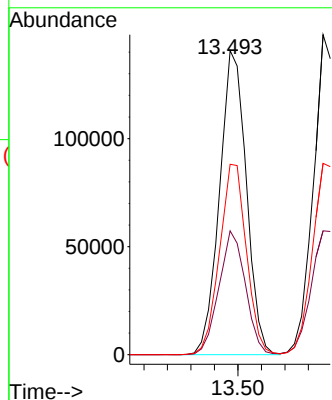
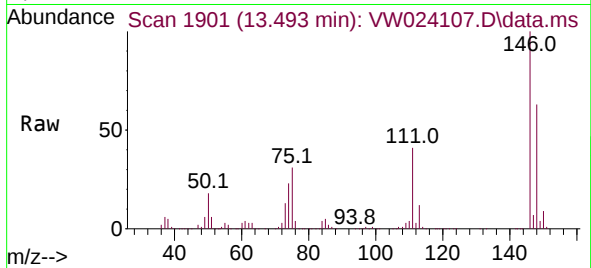




#64
1,3-Dichlorobenzene
Concen: 27.514 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

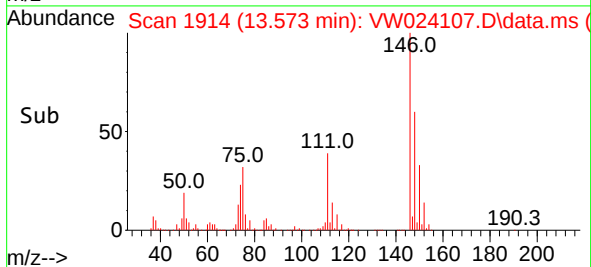
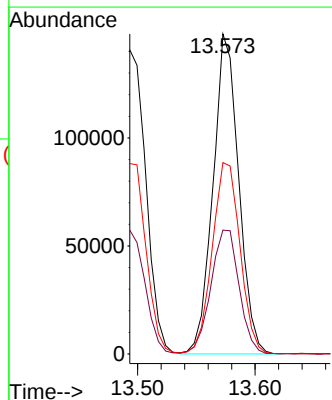
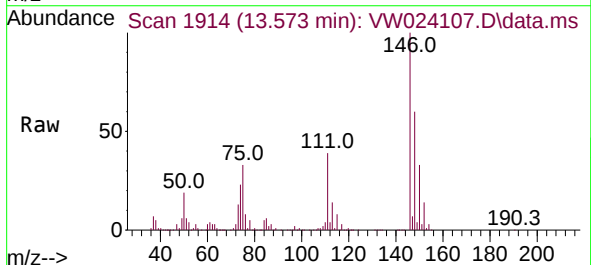
Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

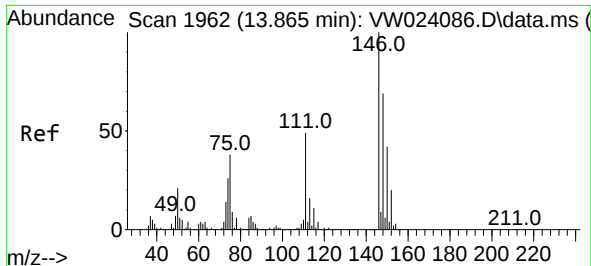
Tgt Ion:146 Resp: 223133
Ion Ratio Lower Upper
146 100
111 40.7 26.4 49.0
148 62.6 41.4 77.0



#65
1,4-Dichlorobenzene
Concen: 26.171 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

Tgt Ion:146 Resp: 225306
Ion Ratio Lower Upper
146 100
111 38.7 27.9 51.9
148 59.8 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 29.115 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024107.D

Acq: 26 Jul 2022 17:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025509

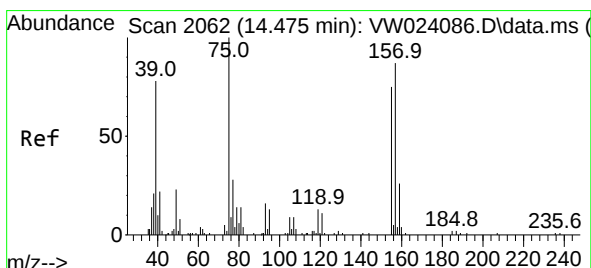
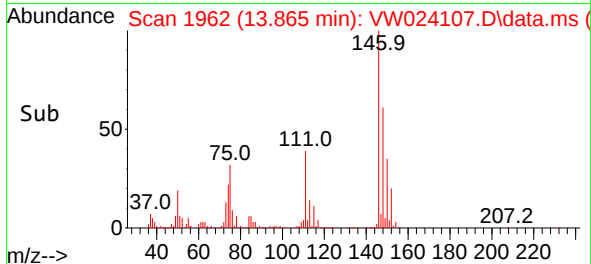
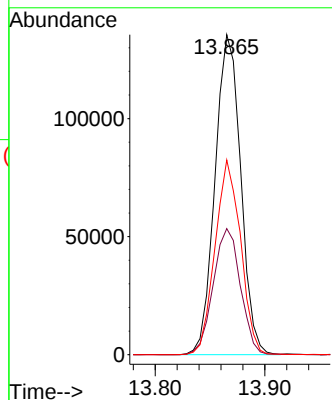
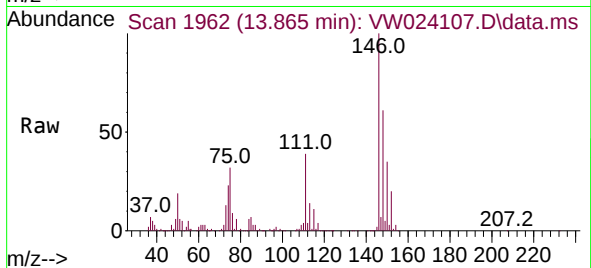
Tgt Ion:146 Resp: 220856

Ion Ratio Lower Upper

146 100

111 39.4 33.9 50.9

148 60.9 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 26.756 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.006 min

Lab File: VW024107.D

Acq: 26 Jul 2022 17:52

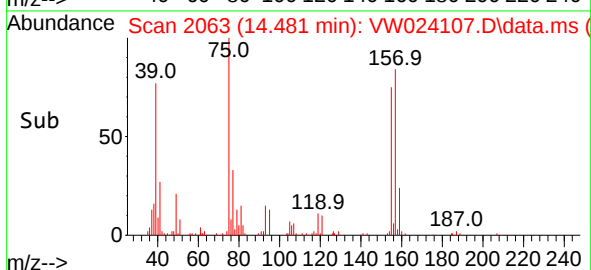
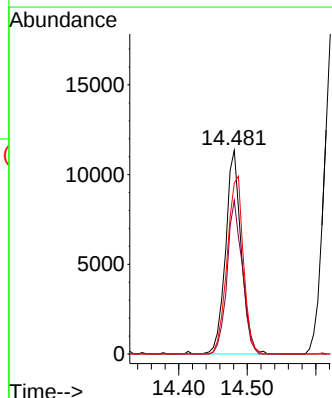
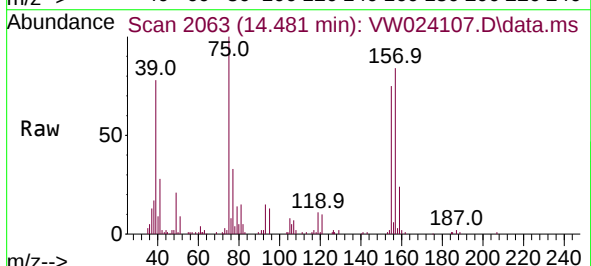
Tgt Ion: 75 Resp: 17989

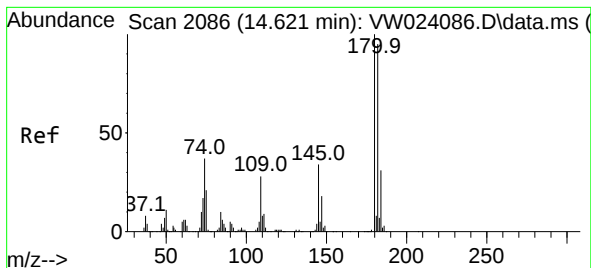
Ion Ratio Lower Upper

75 100

155 75.4 58.6 88.0

157 83.9 64.0 96.0





#69

1,3,5-Trichlorobenzene

Concen: 26.575 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW024107.D

Acq: 26 Jul 2022 17:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025509

Tgt Ion:180 Resp: 137438

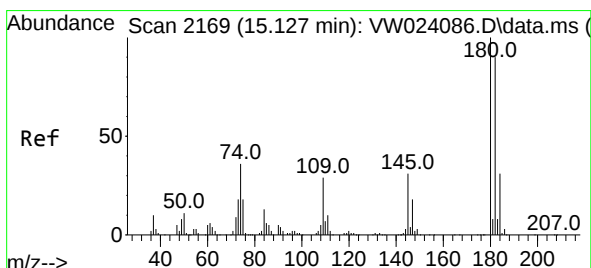
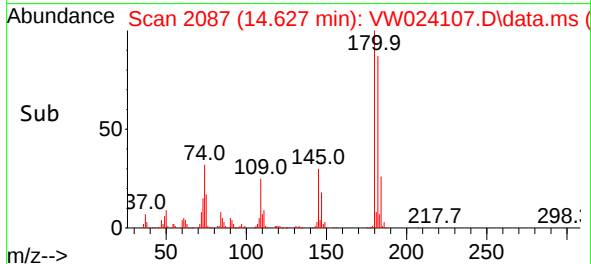
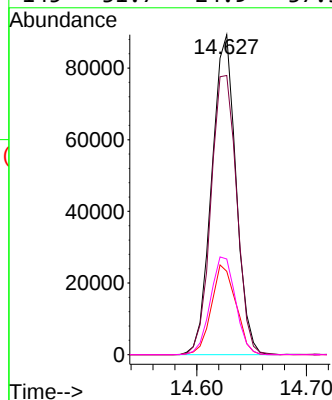
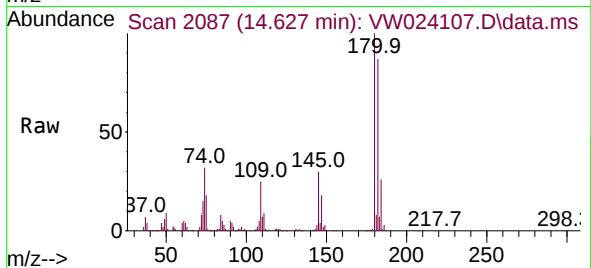
Ion Ratio Lower Upper

180 100

182 92.4 73.9 110.9

184 28.4 23.5 35.3

145 31.7 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 26.515 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024107.D

Acq: 26 Jul 2022 17:52

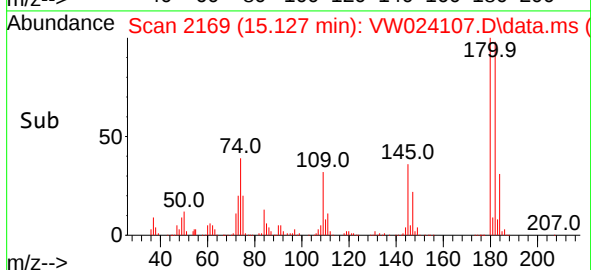
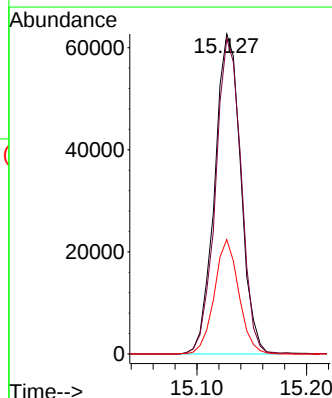
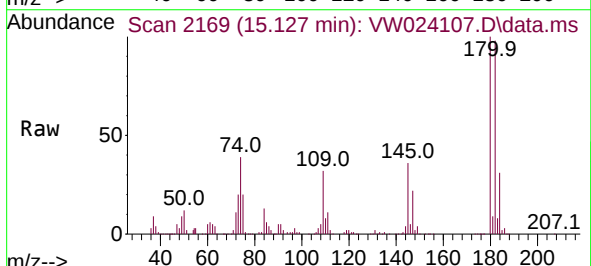
Tgt Ion:180 Resp: 103900

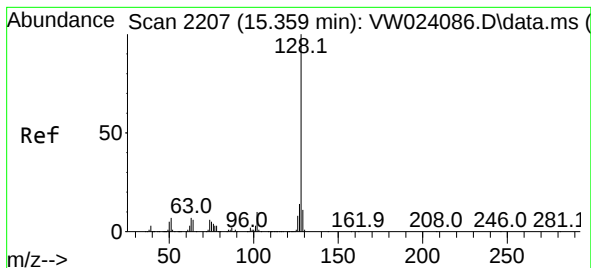
Ion Ratio Lower Upper

180 100

182 96.5 72.0 108.0

145 33.4 24.9 37.3

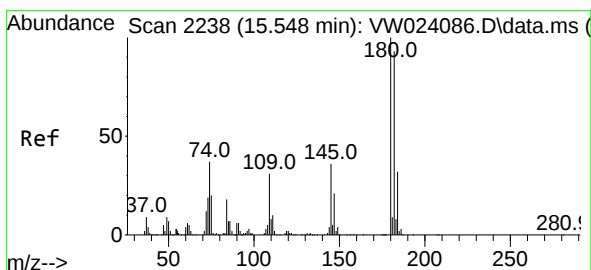
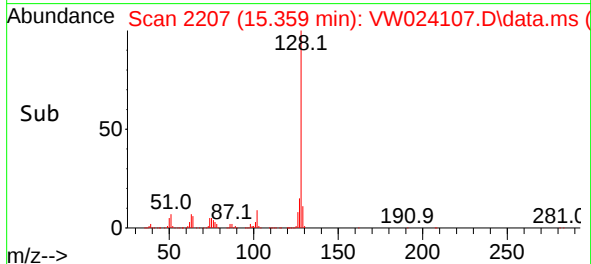
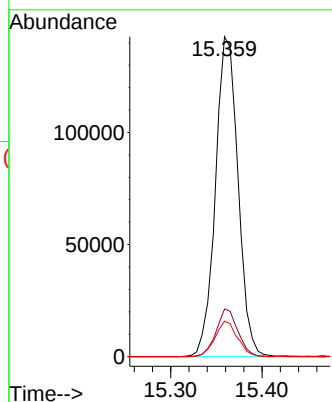
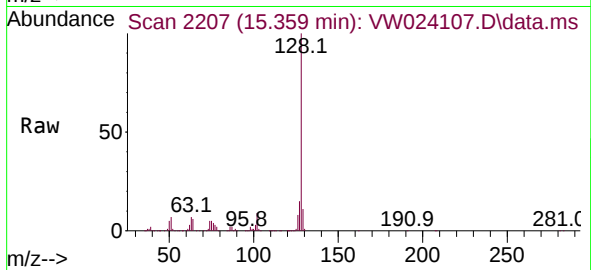




#71
Naphthalene
Concen: 29.258 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

Tgt Ion:128 Resp: 245332
Ion Ratio Lower Upper
128 100
127 14.4 11.0 16.4
129 11.0 9.3 13.9



#72
1,2,3-Trichlorobenzene
Concen: 26.777 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW024107.D
Acq: 26 Jul 2022 17:52

Tgt Ion:180 Resp: 98699
Ion Ratio Lower Upper
180 100
182 96.3 77.8 116.8
145 35.9 27.6 41.4

