

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081622\
 Data File : VW024248.D
 Acq On : 16 Aug 2022 11:29
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025536

Quant Time: Aug 17 00:21:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 16 01:17:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	294539	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	273685	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	155666	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.342	65	106874	17.359	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.440%
7) Chloroethane-d5	2.873	69	74695	19.476	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.920%
11) 1,1-Dichloroethene-d2	4.013	63	152043	21.670	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.680%
21) 2-Butanone-d5	7.073	46	56471	49.302	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.600%
24) Chloroform-d	7.640	84	203347	22.817	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.280%
26) 1,2-Dichloroethane-d4	8.299	65	105397	21.301	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	8.268	84	351844	21.798	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	9.268	67	107477	22.552	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.200%
41) Toluene-d8	10.317	98	326041	21.611	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.440%
43) trans-1,3-Dichloroprop...	10.573	79	47359	22.688	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.760%
47) 2-Hexanone-d5	10.920	63	45419	51.598	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.200%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	111673	24.152	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	13.846	152	129410	22.718	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	40391	15.587	ug/L	96
3) Chloromethane	2.202	50	104294	21.460	ug/L	95
5) Vinyl chloride	2.349	62	166189	24.565	ug/L	99
6) Bromomethane	2.763	94	96737	24.939	ug/L	95
8) Chloroethane	2.903	64	73125	24.676	ug/L	98
9) Trichlorofluoromethane	3.239	101	67202	20.955	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.049	101	112682	26.052	ug/L	94
12) 1,1-Dichloroethene	4.025	96	94908	26.803	ug/L	93
13) Acetone	4.123	43	41857	49.635	ug/L	66
14) Carbon disulfide	4.373	76	244061	21.539	ug/L	99
15) Methyl Acetate	4.665	43	45713	24.067	ug/L	97
16) Methylene chloride	4.909	84	117015	22.529	ug/L	97
17) trans-1,2-Dichloroethene	5.415	96	103303	25.262	ug/L	94
18) Methyl tert-butyl Ether	5.421	73	175333	30.069	ug/L	98
19) 1,1-Dichloroethane	6.208	63	190798	26.488	ug/L	99
20) cis-1,2-Dichloroethene	7.159	96	117574	26.181	ug/L	# 100
22) 2-Butanone	7.171	43	64577	45.444	ug/L	97
23) Bromochloromethane	7.506	128	54793	24.499	ug/L	94
25) Chloroform	7.671	83	217655	27.421	ug/L	97

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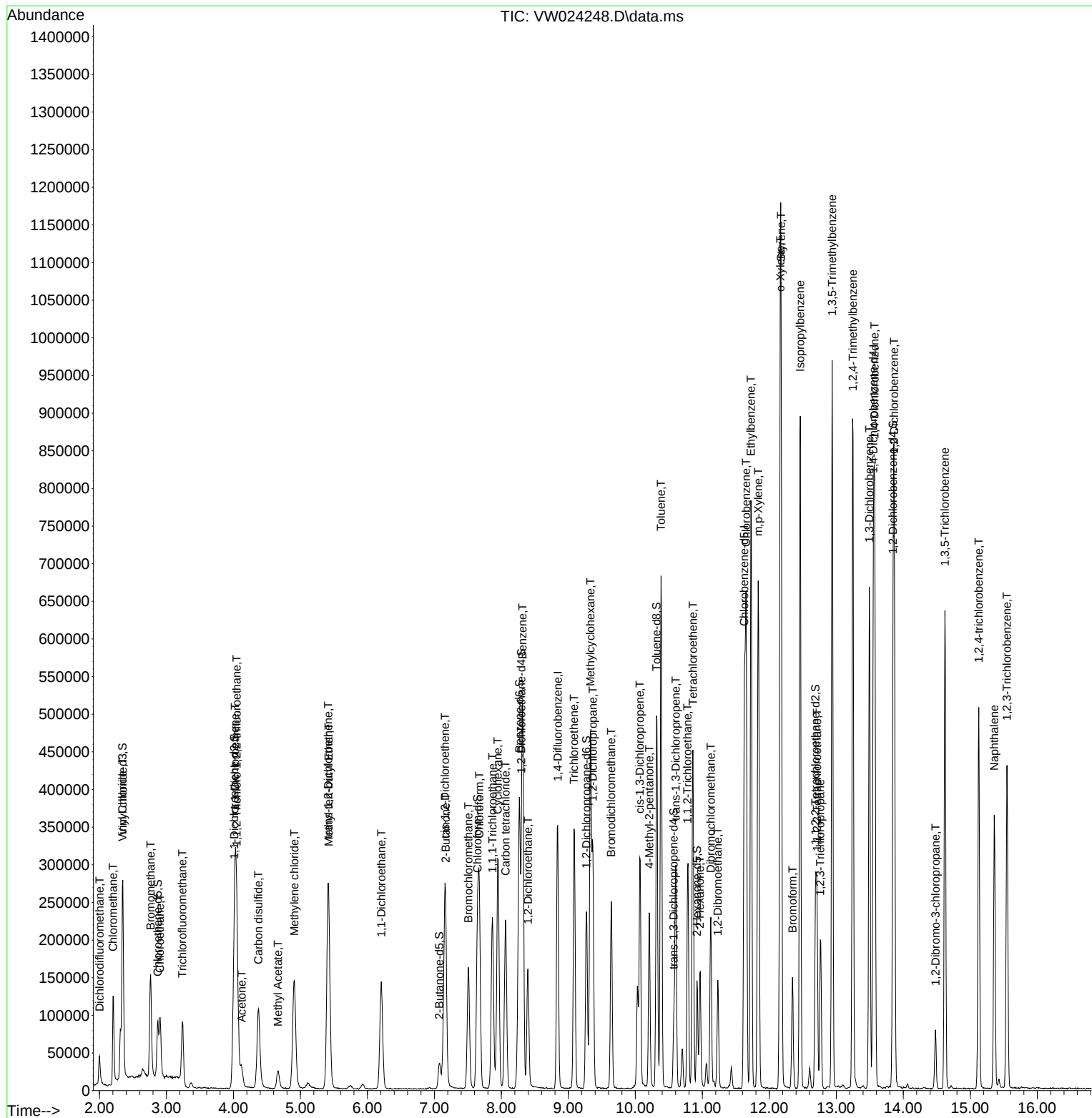
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	142495	26.679	ug/L	97
29) Cyclohexane	7.945	56	156111	27.822	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	175540	28.441	ug/L	99
31) Carbon tetrachloride	8.061	117	161639	27.760	ug/L	99
33) Benzene	8.317	78	439871	27.212	ug/L	100
34) Trichloroethene	9.085	95	113405	26.543	ug/L	98
35) Methylcyclohexane	9.329	83	185390	27.671	ug/L	99
37) 1,2-Dichloropropane	9.366	63	109619	27.434	ug/L	99
38) Bromodichloromethane	9.640	83	155552	27.756	ug/L	97
39) cis-1,3-Dichloropropene	10.067	75	170927	29.076	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	139322	52.537	ug/L	99
42) Toluene	10.384	91	479635	27.923	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	154481	28.760	ug/L	96
45) 1,1,2-Trichloroethane	10.780	97	91653	27.214	ug/L	99
46) Tetrachloroethene	10.859	164	97988	28.329	ug/L	95
48) 2-Hexanone	10.963	43	98029	54.469	ug/L	99
49) Dibromochloromethane	11.127	129	114999	28.363	ug/L	99
50) 1,2-Dibromoethane	11.231	107	87883	27.236	ug/L	93
51) Chlorobenzene	11.652	112	325066	27.698	ug/L	94
52) Ethylbenzene	11.725	91	542506	28.827	ug/L	99
53) m,p-Xylene	11.835	106	212501	29.008	ug/L	98
54) o-Xylene	12.164	106	199156	28.777	ug/L	99
55) Styrene	12.176	104	347475	28.868	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	108120	25.688	ug/L	94
59) Bromoform	12.347	173	60000	25.269	ug/L	99
60) Isopropylbenzene	12.463	105	536902	28.491	ug/L	99
61) 1,2,3-Trichloropropane	12.761	75	76731	24.768	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	475813	30.554	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	464451	30.284	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	257152	27.867	ug/L	99
65) 1,4-Dichlorobenzene	13.572	146	260101	26.619	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	238568	27.225	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.480	75	17829	24.633	ug/L	85
69) 1,3,5-Trichlorobenzene	14.621	180	183937	30.398	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	149515	30.855	ug/L	99
71) Naphthalene	15.358	128	294405	31.192	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	125658	28.483	ug/L	95

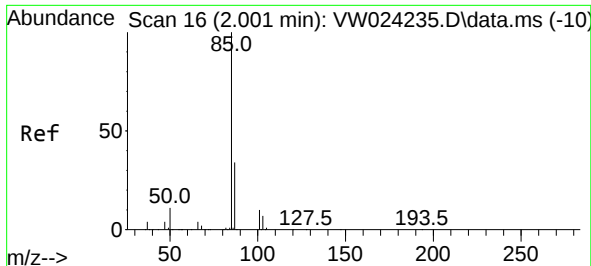
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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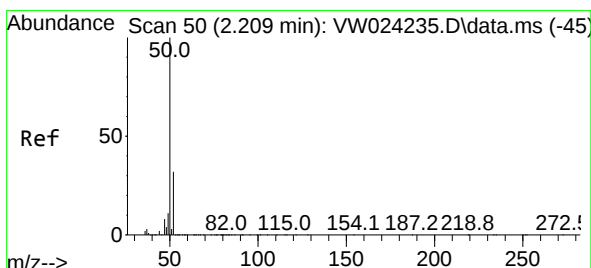
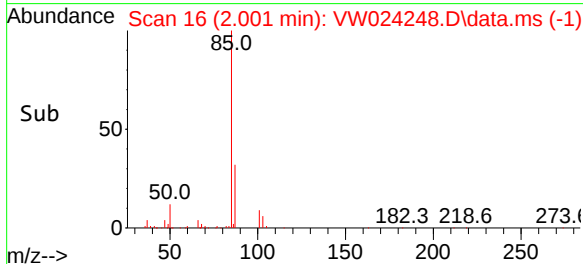
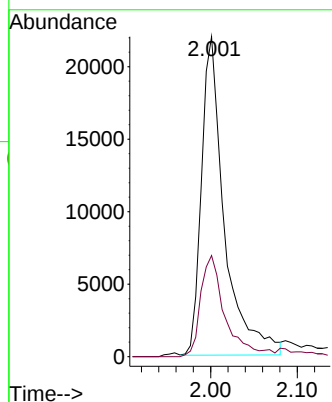
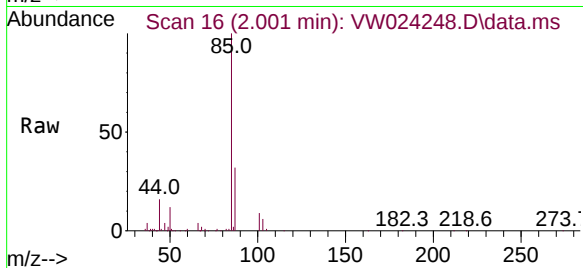




#2
 Dichlorodifluoromethane
 Concen: 15.587 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW024248.D
 Acq: 16 Aug 2022 11:29

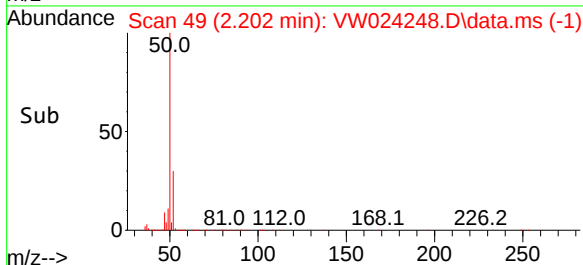
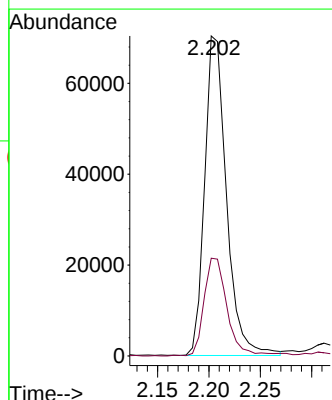
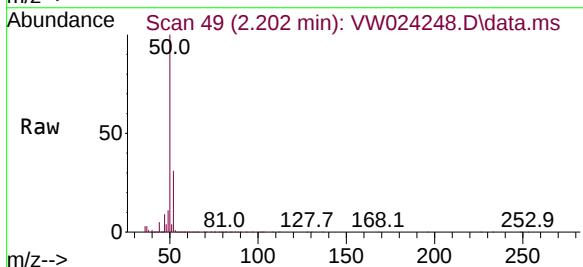
Instrument :
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 ClientSampleId :
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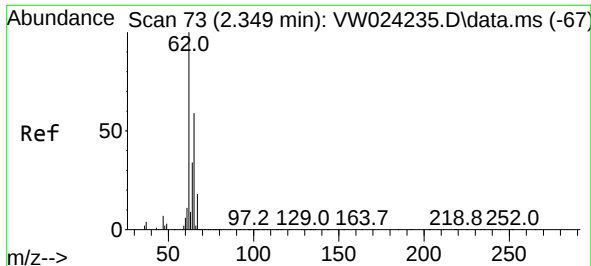
Tgt Ion: 85 Resp: 40391
 Ion Ratio Lower Upper
 85 100
 87 32.7 24.5 36.7



#3
 Chloromethane
 Concen: 21.460 ug/L
 RT: 2.202 min Scan# 49
 Delta R.T. -0.007 min
 Lab File: VW024248.D
 Acq: 16 Aug 2022 11:29

Tgt Ion: 50 Resp: 104294
 Ion Ratio Lower Upper
 50 100
 52 30.6 23.2 43.2

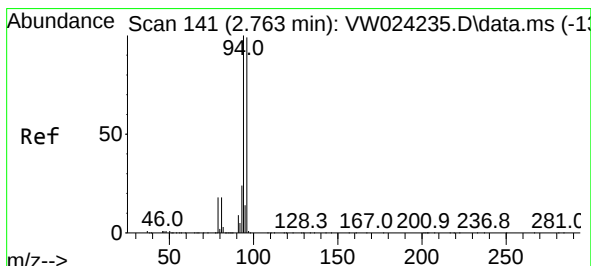
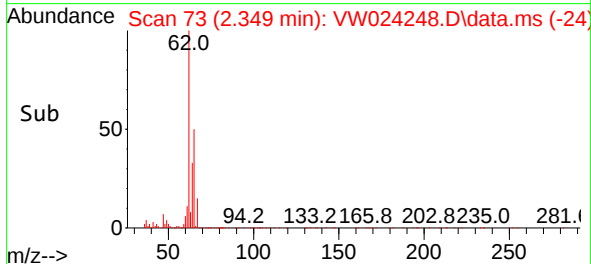
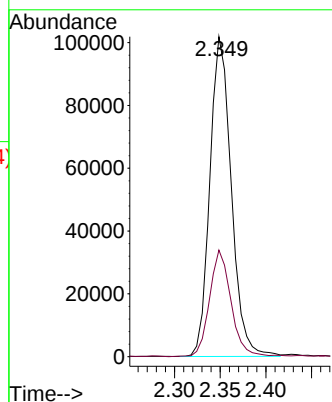
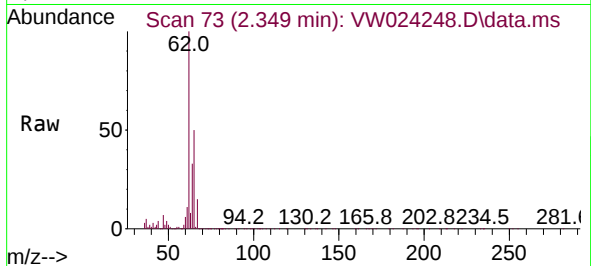




#5
 Vinyl chloride
 Concen: 24.565 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: VW024248.D
 Acq: 16 Aug 2022 11:29

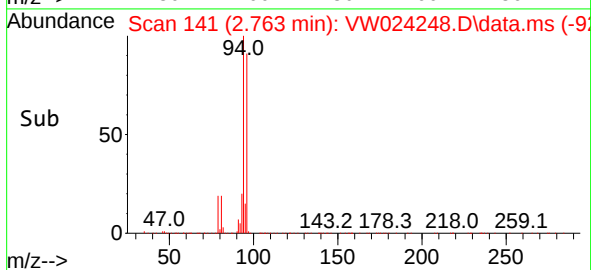
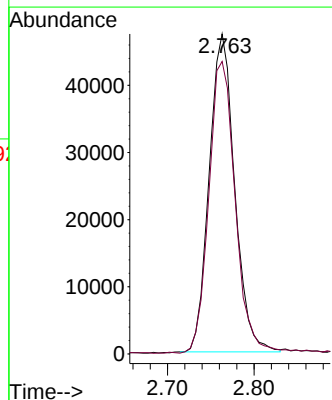
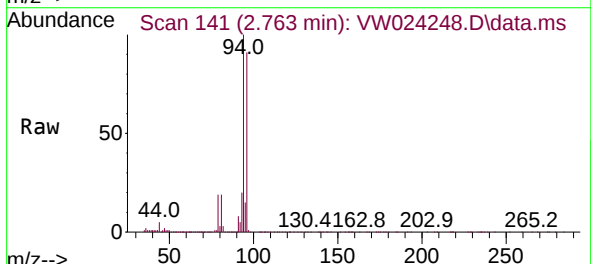
Instrument :
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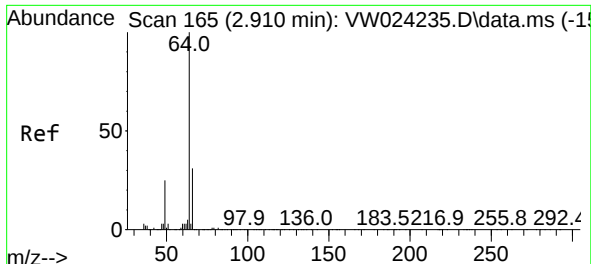
Tgt Ion: 62 Resp: 166189
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.7 42.3



#6
 Bromomethane
 Concen: 24.939 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: VW024248.D
 Acq: 16 Aug 2022 11:29

Tgt Ion: 94 Resp: 96737
 Ion Ratio Lower Upper
 94 100
 96 91.4 61.0 113.4

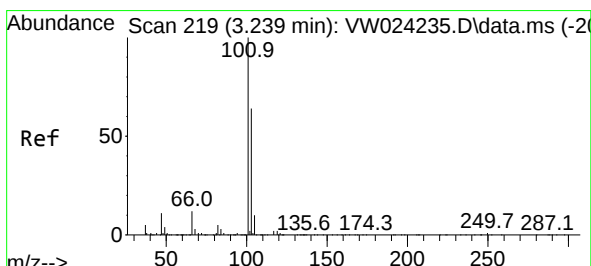
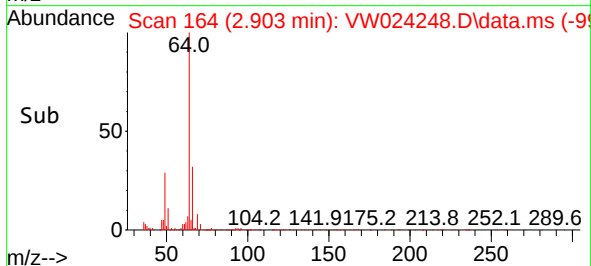
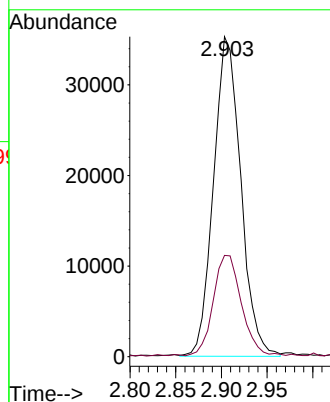
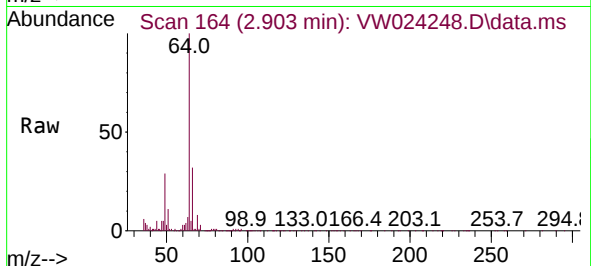




#8
Chloroethane
Concen: 24.676 ug/L
RT: 2.903 min Scan# 164
Delta R.T. -0.006 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

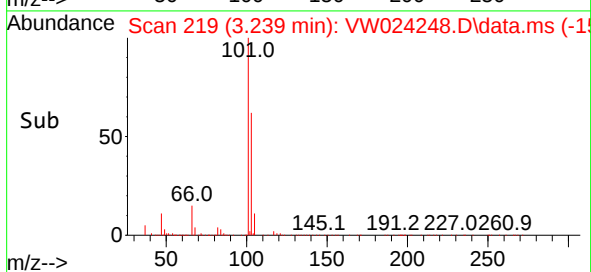
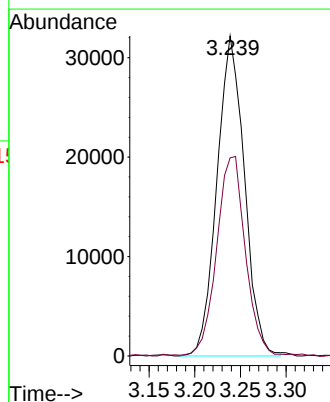
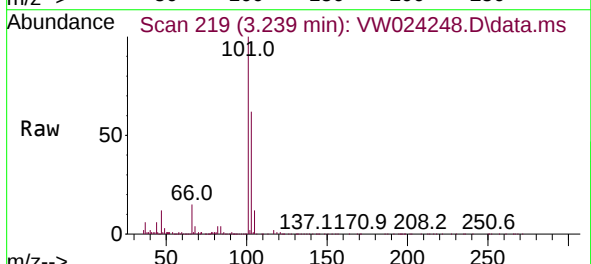
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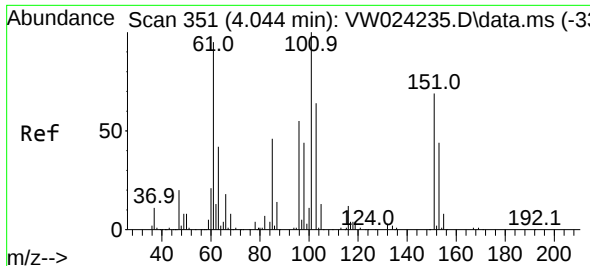
Tgt Ion: 64 Resp: 73125
Ion Ratio Lower Upper
64 100
66 31.6 21.6 40.0



#9
Trichlorofluoromethane
Concen: 20.955 ug/L
RT: 3.239 min Scan# 219
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

Tgt Ion: 101 Resp: 67202
Ion Ratio Lower Upper
101 100
103 65.4 50.5 75.7

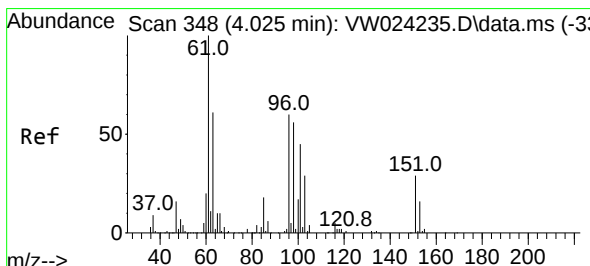
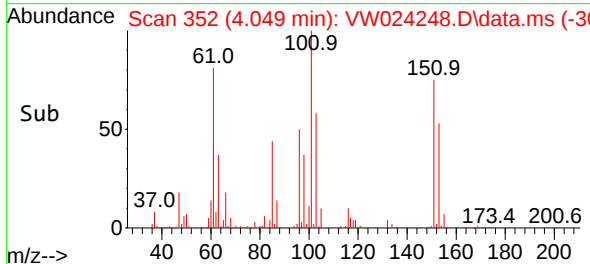
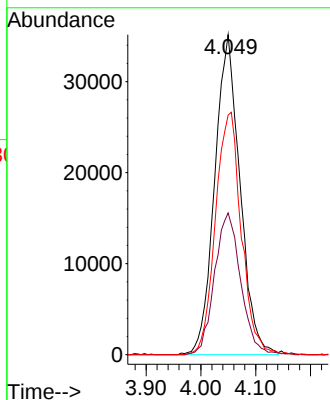
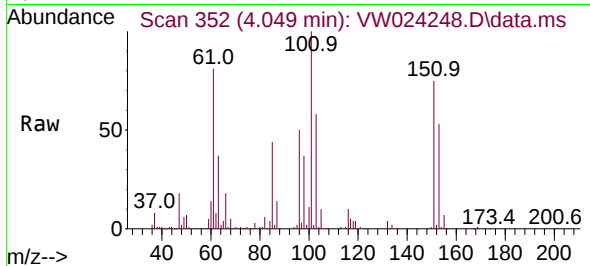




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.052 ug/L
 RT: 4.049 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW024248.D
 Acq: 16 Aug 2022 11:29

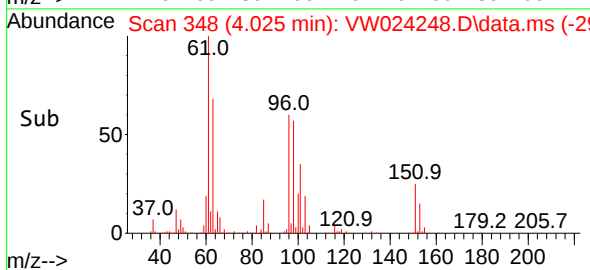
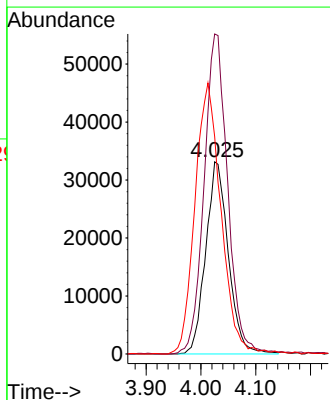
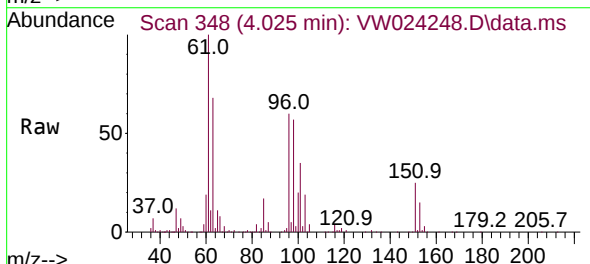
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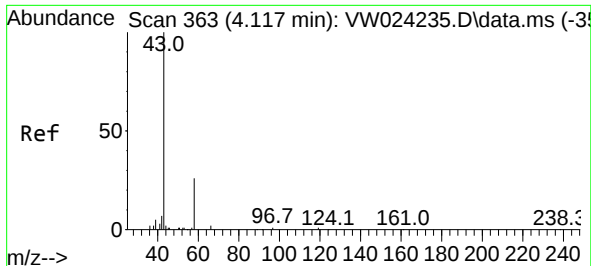
Tgt Ion:101 Resp: 112682
 Ion Ratio Lower Upper
 101 100
 85 45.3 34.9 52.3
 151 77.3 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 26.803 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.000 min
 Lab File: VW024248.D
 Acq: 16 Aug 2022 11:29

Tgt Ion: 96 Resp: 94908
 Ion Ratio Lower Upper
 96 100
 61 166.5 123.1 228.5
 63 113.1 84.9 157.7

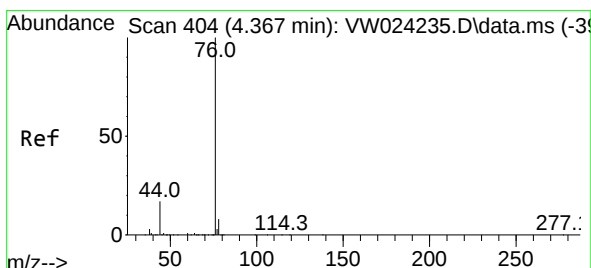
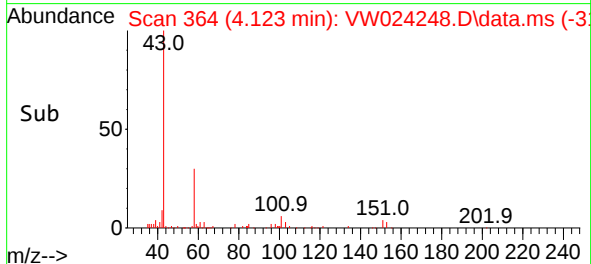
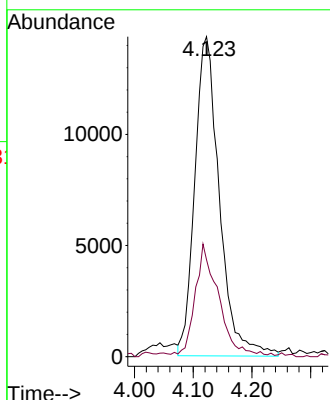
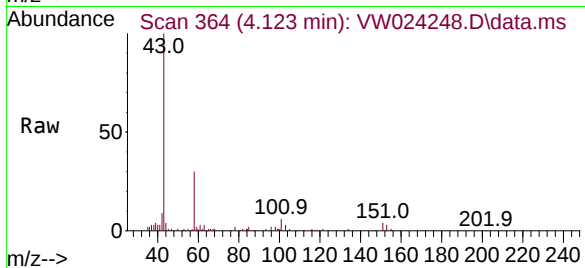




#13
Acetone
Concen: 49.635 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
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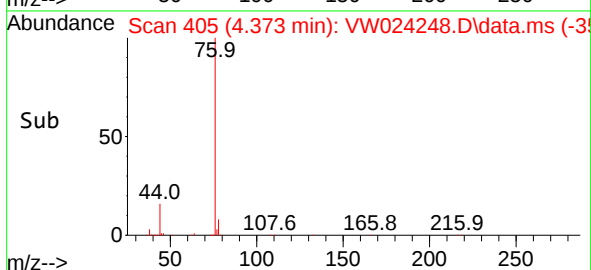
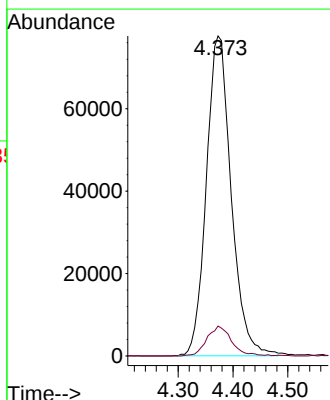
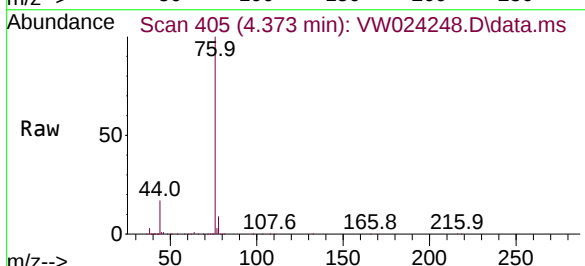
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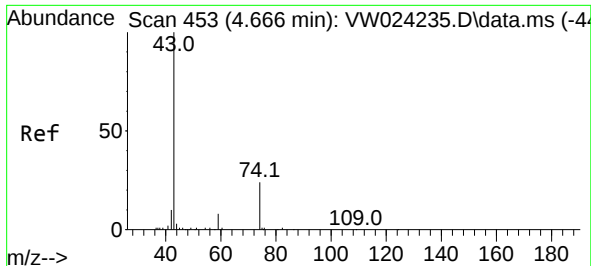
Tgt Ion: 43 Resp: 41857
Ion Ratio Lower Upper
43 100
58 30.3 0.0 31.8



#14
Carbon disulfide
Concen: 21.539 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.006 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

Tgt Ion: 76 Resp: 244061
Ion Ratio Lower Upper
76 100
78 9.4 7.9 11.9

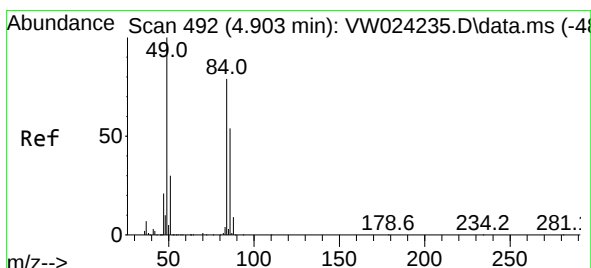
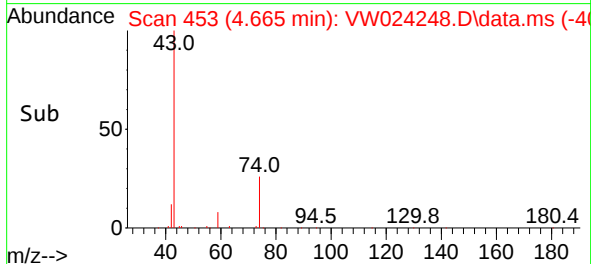
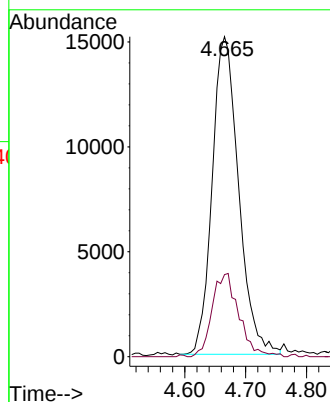
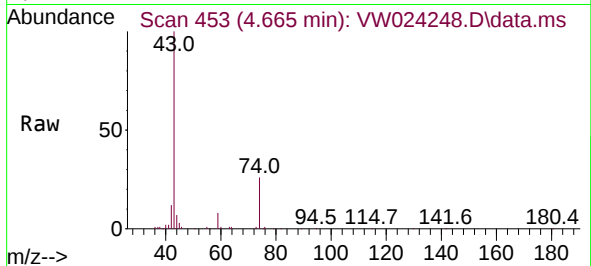




#15
Methyl Acetate
Concen: 24.067 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

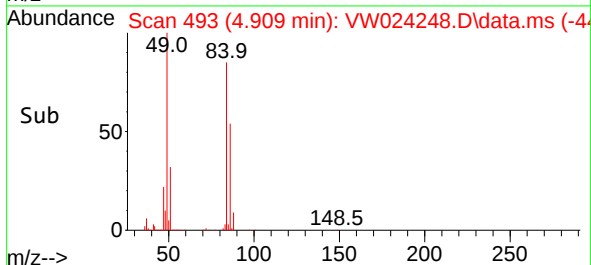
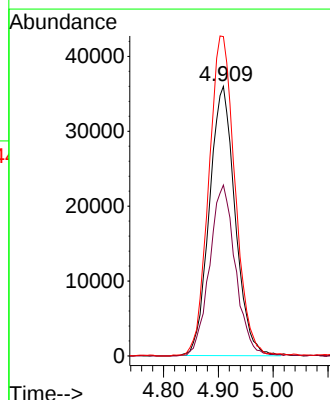
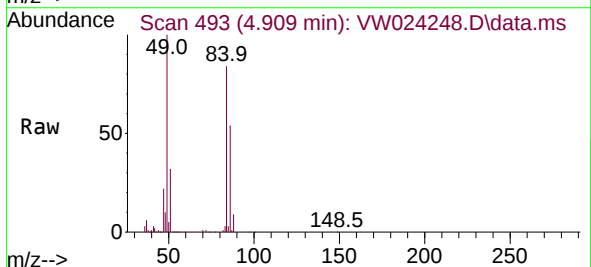
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

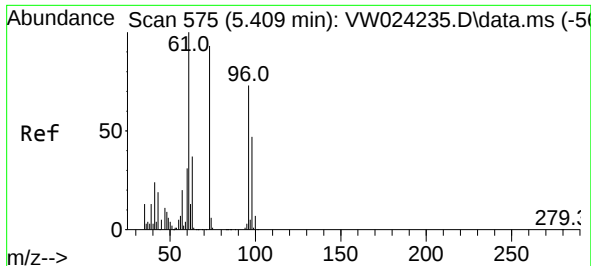
Tgt Ion: 43 Resp: 45713
Ion Ratio Lower Upper
43 100
74 25.4 21.5 32.3



#16
Methylene chloride
Concen: 22.529 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.006 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

Tgt Ion: 84 Resp: 117015
Ion Ratio Lower Upper
84 100
86 63.4 42.8 79.6
49 118.4 85.3 158.3

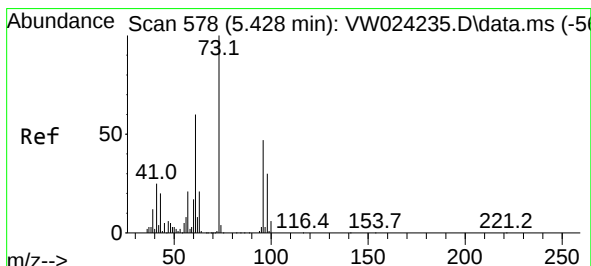
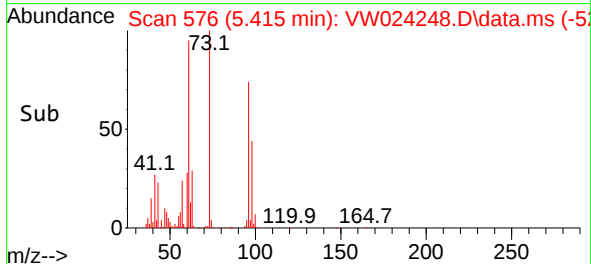
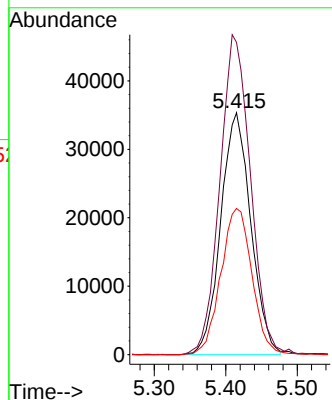
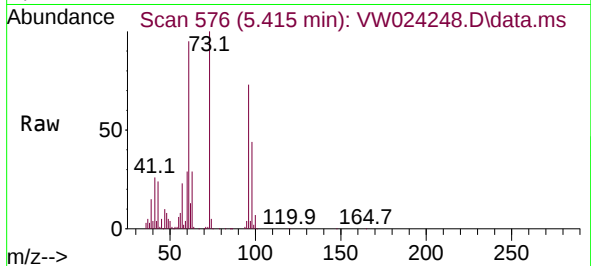




#17
trans-1,2-Dichloroethene
Concen: 25.262 ug/L
RT: 5.415 min Scan# 575
Delta R.T. 0.006 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

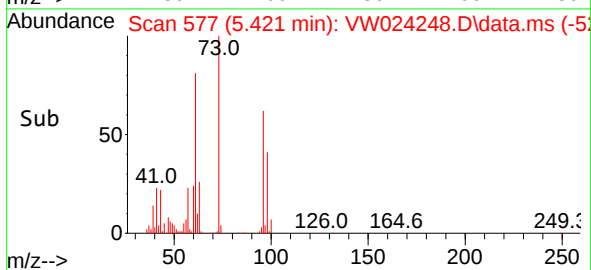
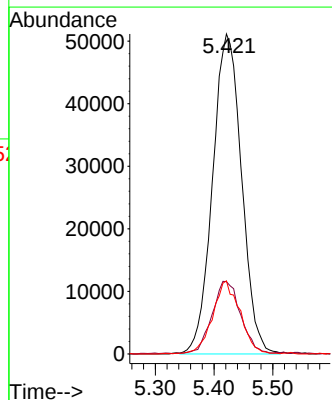
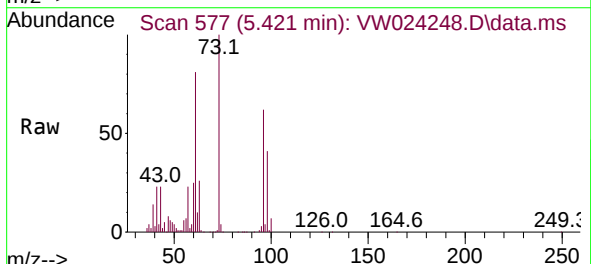
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

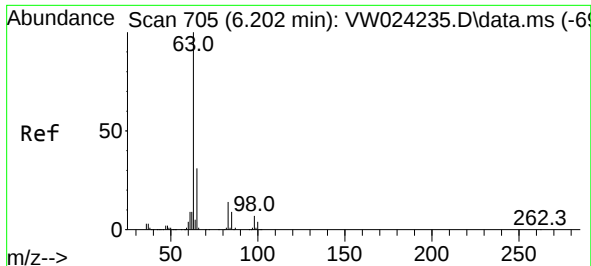
Tgt Ion: 96 Resp: 103303
Ion Ratio Lower Upper
96 100
61 129.1 93.0 172.8
98 60.4 48.5 90.1



#18
Methyl tert-butyl Ether
Concen: 30.069 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.007 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

Tgt Ion: 73 Resp: 175333
Ion Ratio Lower Upper
73 100
43 22.3 16.6 24.8
57 21.6 17.6 26.4





#19

1,1-Dichloroethane

Concen: 26.488 ug/L

RT: 6.208 min Scan# 705

Delta R.T. 0.006 min

Lab File: VW024248.D

Acq: 16 Aug 2022 11:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

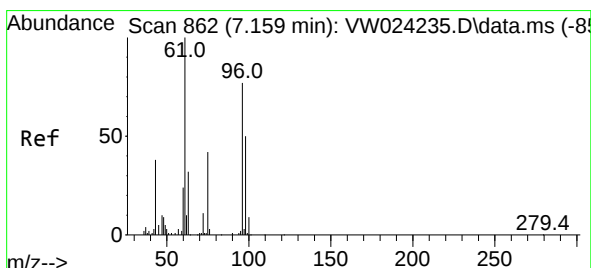
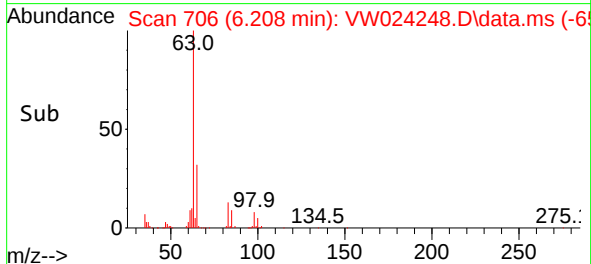
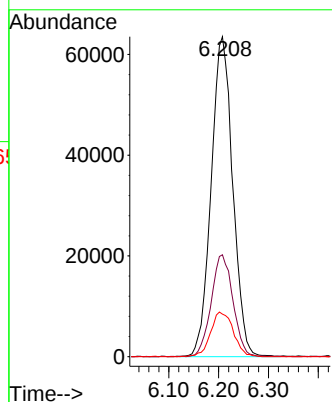
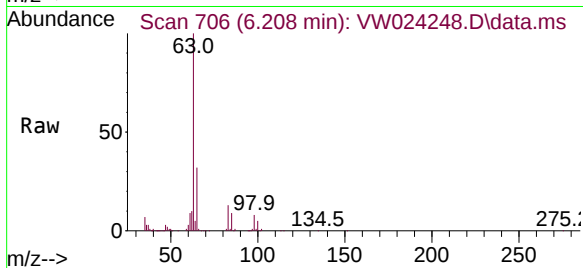
Tgt Ion: 63 Resp: 190798

Ion Ratio Lower Upper

63 100

65 31.8 22.0 41.0

83 13.3 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 26.181 ug/L

RT: 7.159 min Scan# 862

Delta R.T. -0.000 min

Lab File: VW024248.D

Acq: 16 Aug 2022 11:29

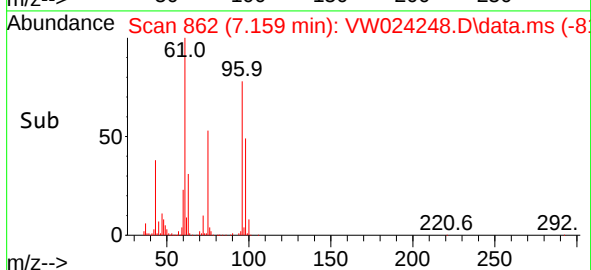
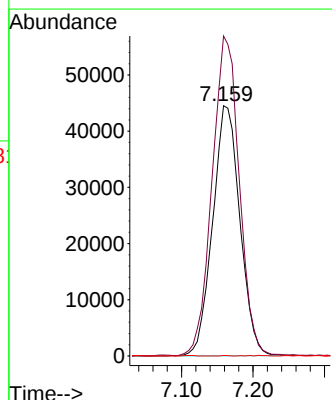
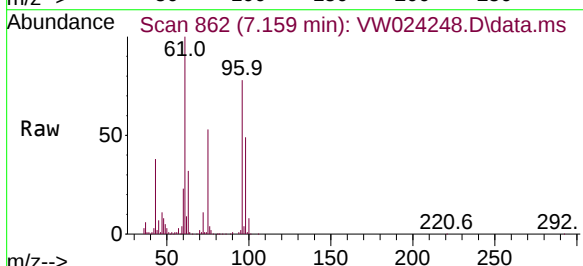
Tgt Ion: 96 Resp: 117574

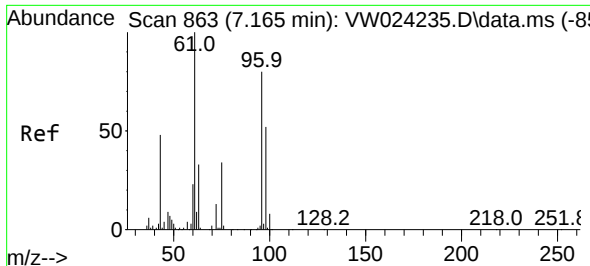
Ion Ratio Lower Upper

96 100

61 127.9 89.5 166.3

68 0.2 0.1 0.1

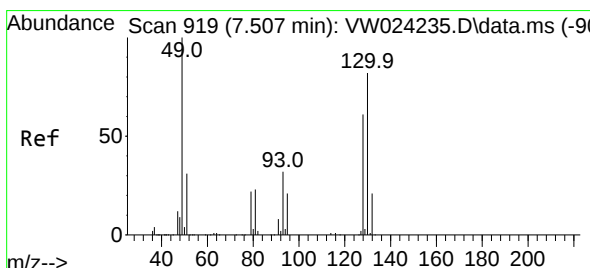
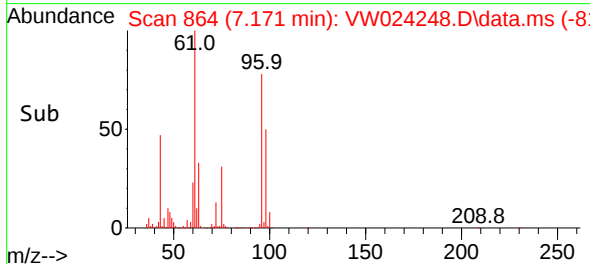
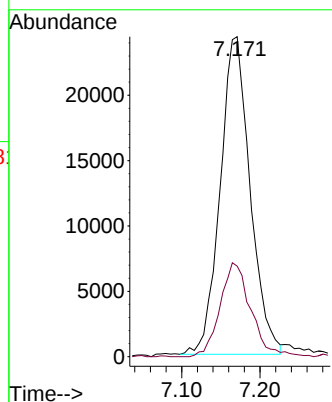
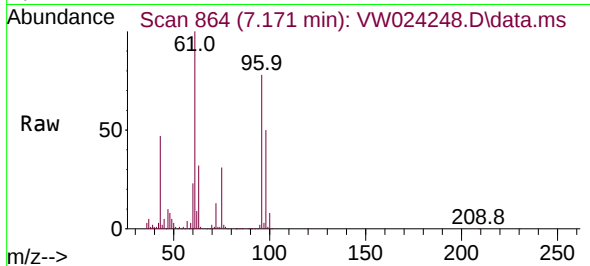




#22
2-Butanone
Concen: 45.444 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

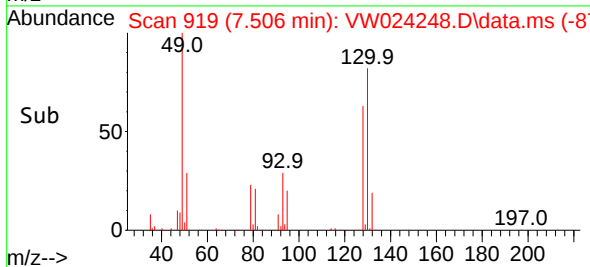
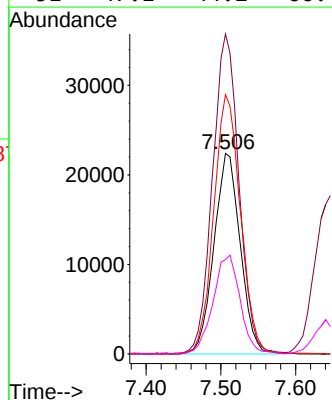
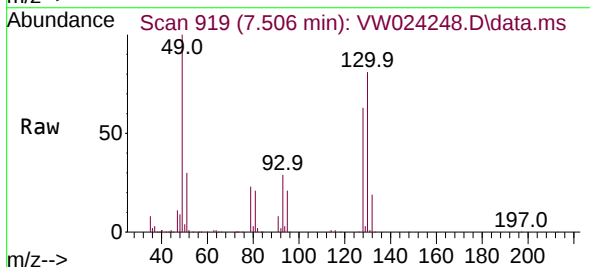
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

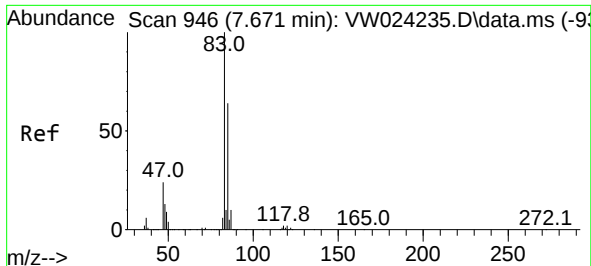
Tgt Ion: 43 Resp: 64577
Ion Ratio Lower Upper
43 100
72 30.4 14.3 42.9



#23
Bromochloromethane
Concen: 24.499 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

Tgt Ion: 128 Resp: 54793
Ion Ratio Lower Upper
128 100
49 159.5 106.6 198.0
130 129.3 88.1 163.5
51 47.1 44.2 66.4

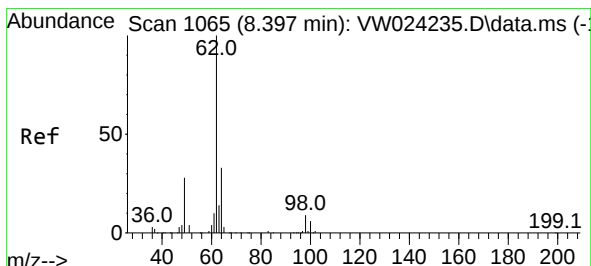
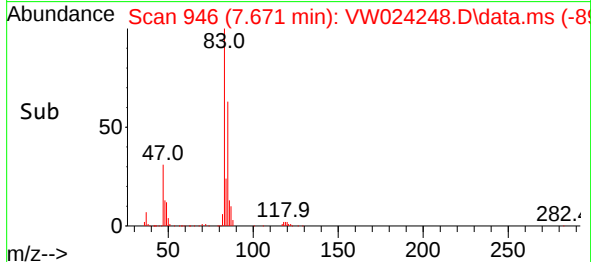
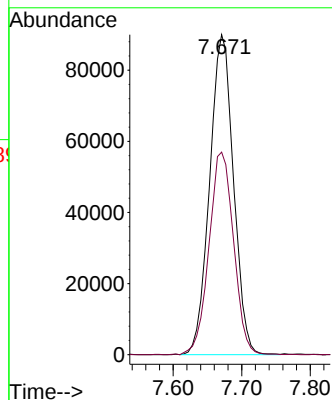
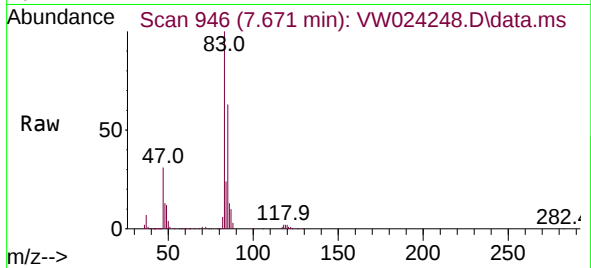




#25
Chloroform
Concen: 27.421 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

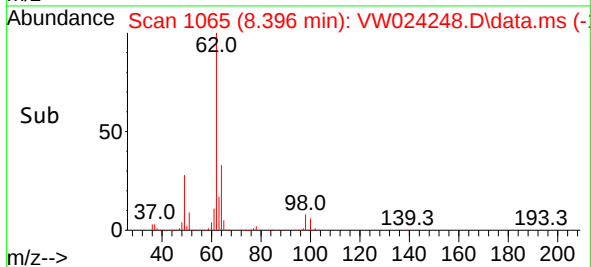
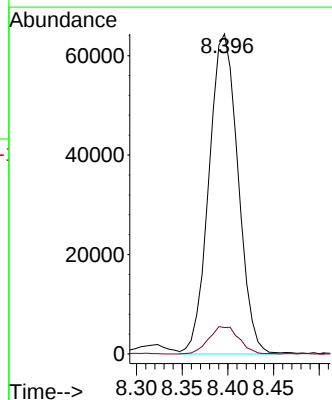
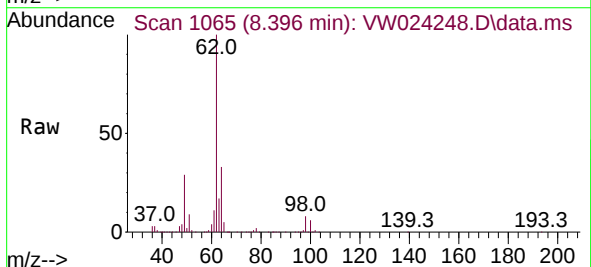
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

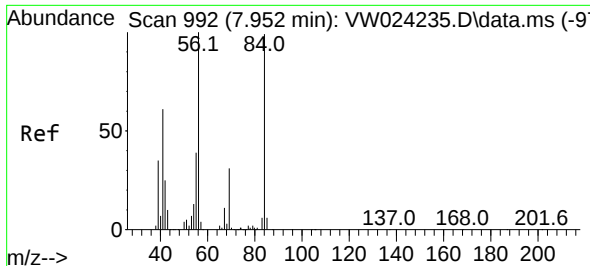
Tgt Ion: 83 Resp: 217655
Ion Ratio Lower Upper
83 100
85 63.3 42.9 79.7



#27
1,2-Dichloroethane
Concen: 26.679 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

Tgt Ion: 62 Resp: 142495
Ion Ratio Lower Upper
62 100
98 8.3 7.4 11.0

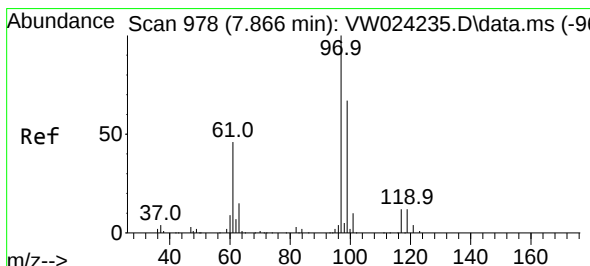
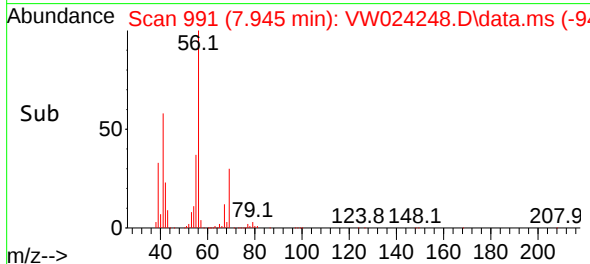
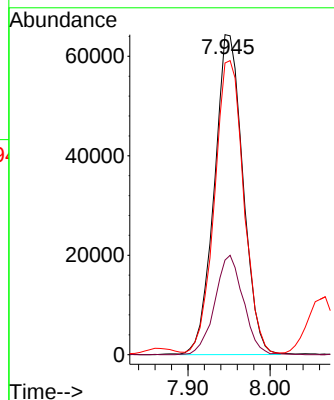
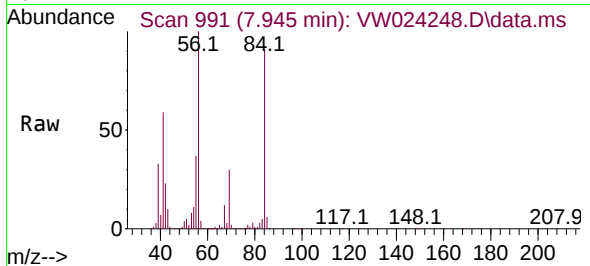




#29
Cyclohexane
Concen: 27.822 ug/L
RT: 7.945 min Scan# 991
Delta R.T. -0.007 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

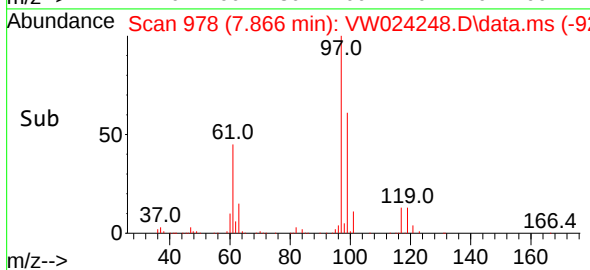
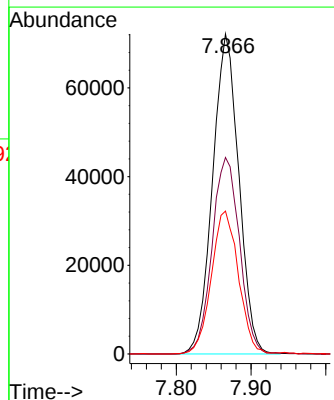
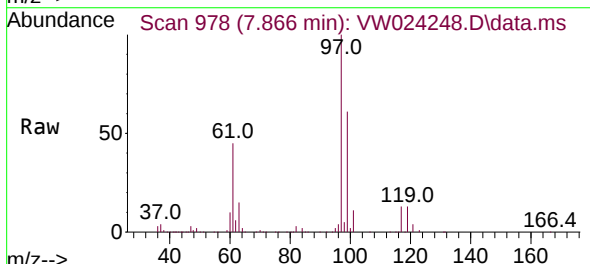
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

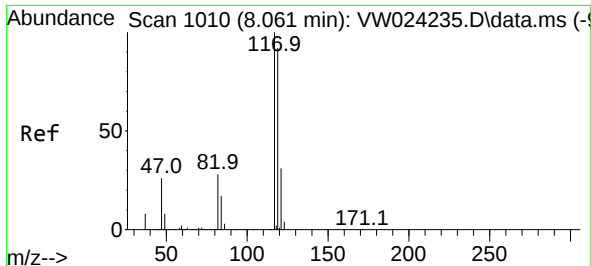
Tgt Ion: 56 Resp: 156111
Ion Ratio Lower Upper
56 100
69 30.6 24.5 36.7
84 93.6 75.5 113.3



#30
1,1,1-Trichloroethane
Concen: 28.441 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

Tgt Ion: 97 Resp: 175540
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.6
61 46.2 36.2 54.2

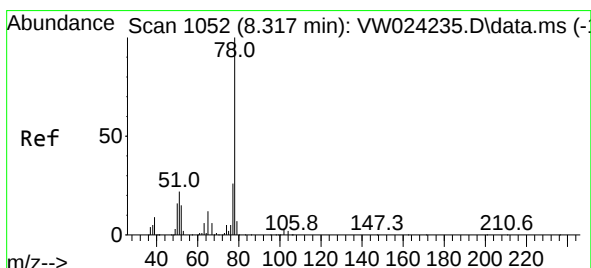
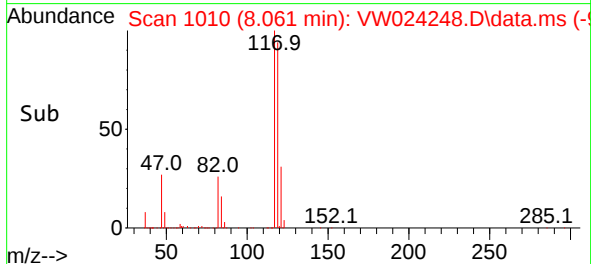
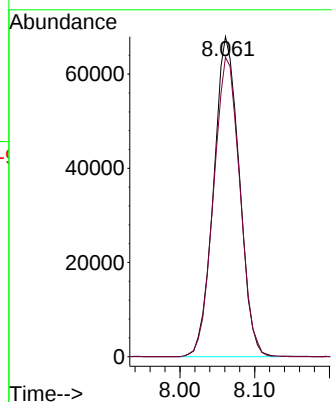
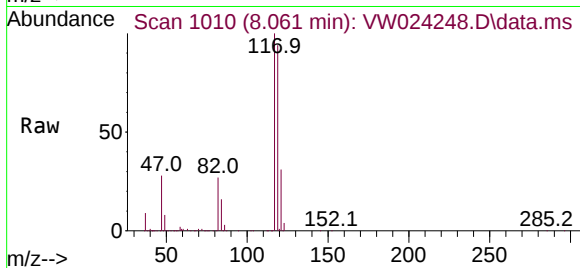




#31
Carbon tetrachloride
Concen: 27.760 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

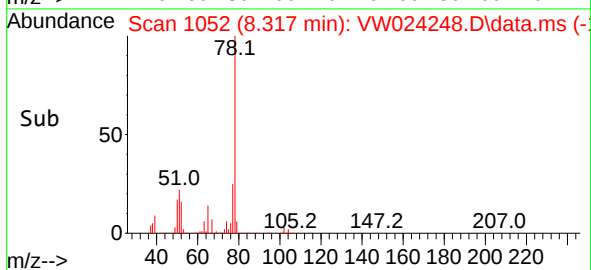
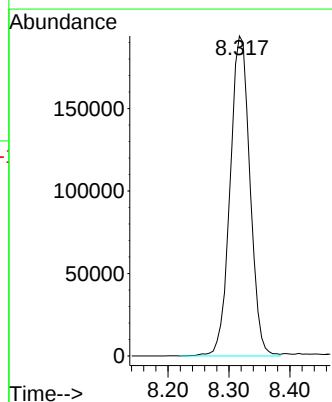
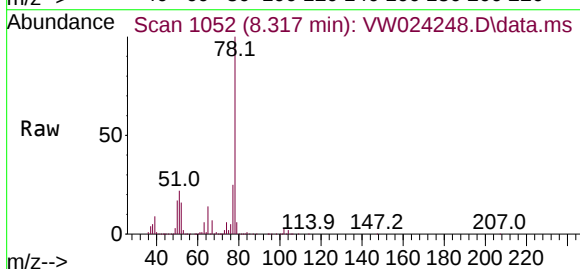
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

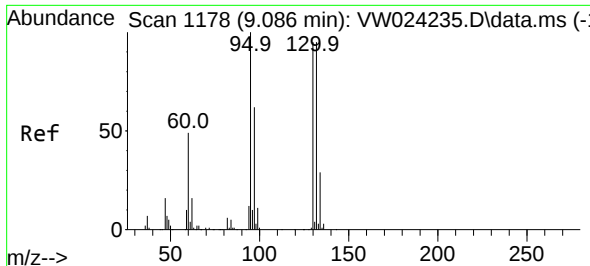
Tgt Ion:117 Resp: 161639
Ion Ratio Lower Upper
117 100
119 96.1 77.8 116.8



#33
Benzene
Concen: 27.212 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

Tgt Ion: 78 Resp: 439871

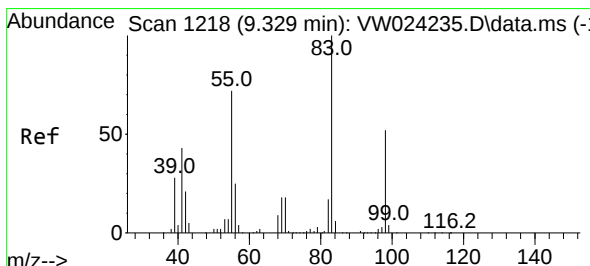
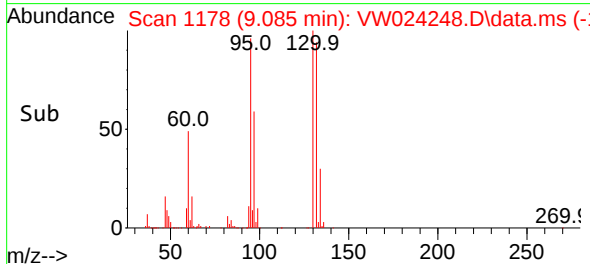
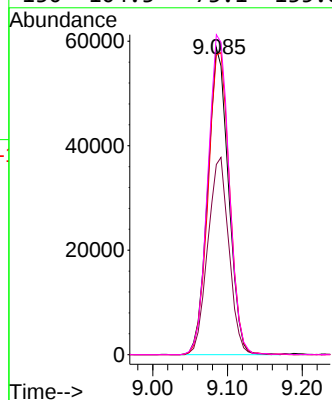
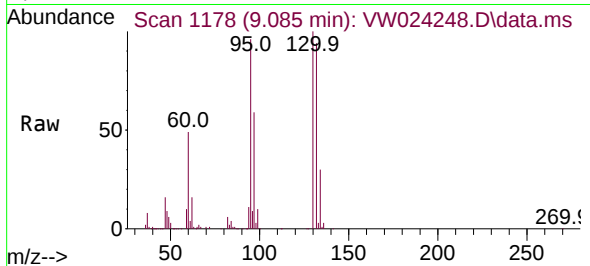




#34
Trichloroethene
Concen: 26.543 ug/L
RT: 9.085 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

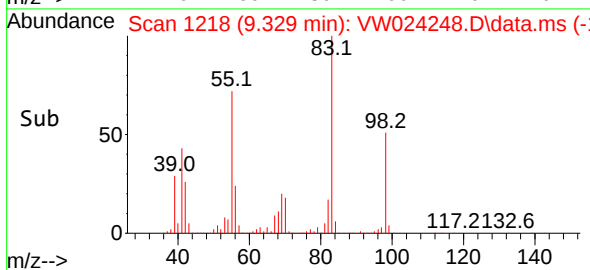
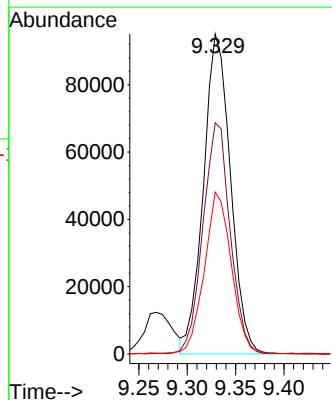
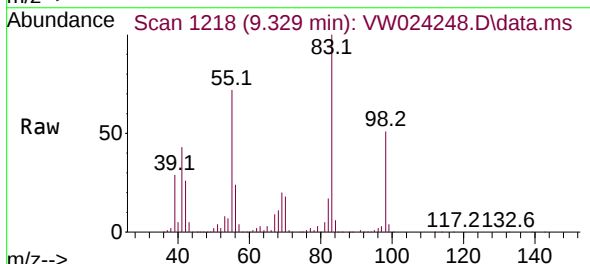
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

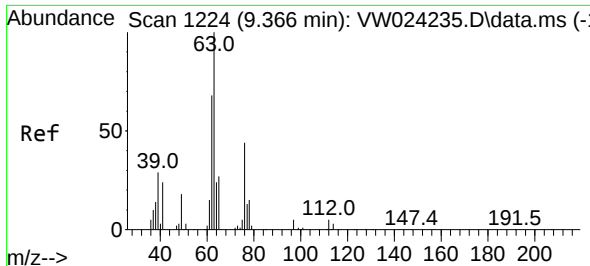
Tgt Ion:	95	Resp:	113405
Ion	Ratio	Lower	Upper
95	100		
97	62.0	41.6	77.2
132	97.6	67.0	124.4
130	104.3	73.1	135.8



#35
Methylcyclohexane
Concen: 27.671 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

Tgt Ion:	83	Resp:	185390
Ion	Ratio	Lower	Upper
83	100		
55	72.2	59.1	88.7
98	50.5	40.8	61.2





#37

1,2-Dichloropropane

Concen: 27.434 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024248.D

Acq: 16 Aug 2022 11:29

Instrument :

MSVOA_W

ClientSampleId :

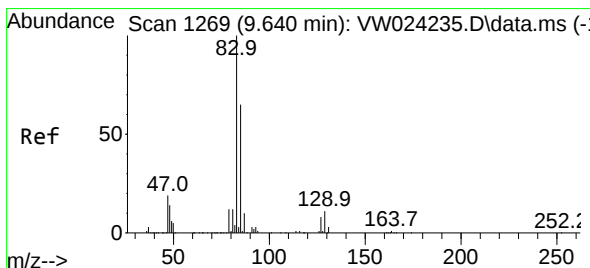
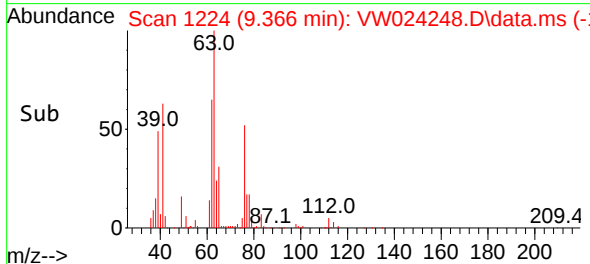
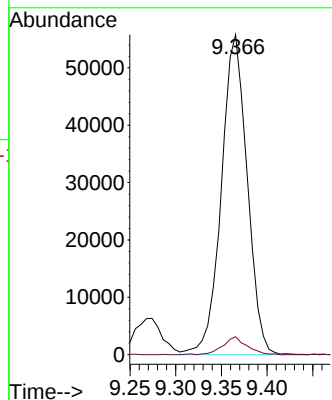
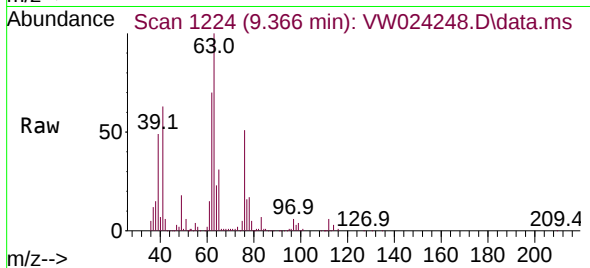
VSTD025536

Tgt Ion: 63 Resp: 109619

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.6



#38

Bromodichloromethane

Concen: 27.756 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW024248.D

Acq: 16 Aug 2022 11:29

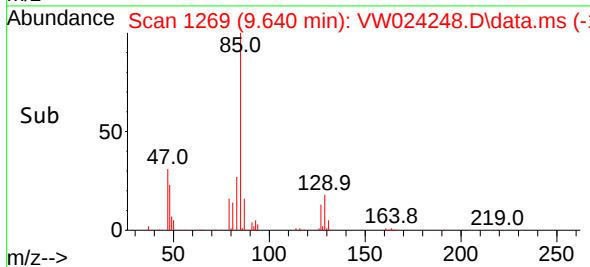
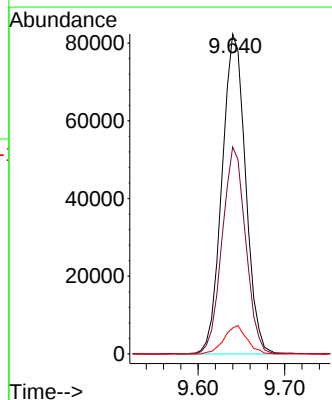
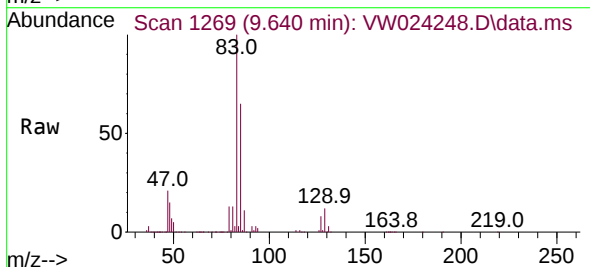
Tgt Ion: 83 Resp: 155552

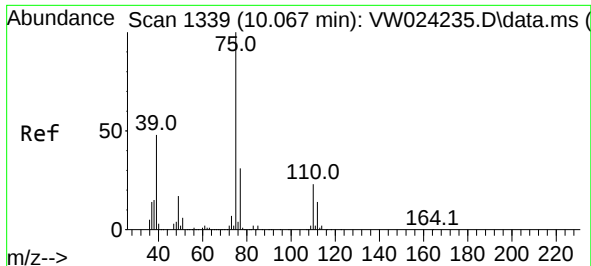
Ion Ratio Lower Upper

83 100

85 64.7 43.7 81.1

127 8.1 6.9 10.3

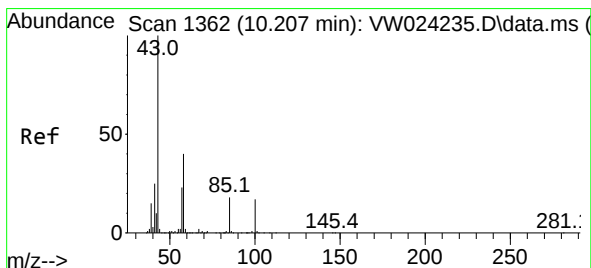
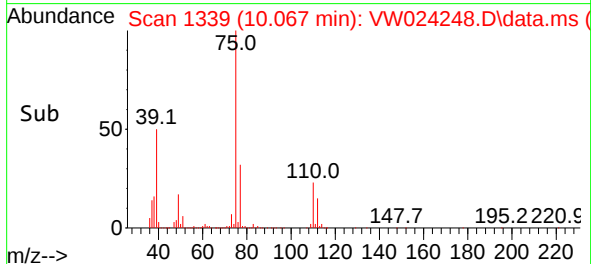
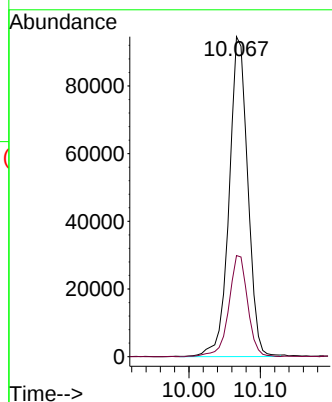
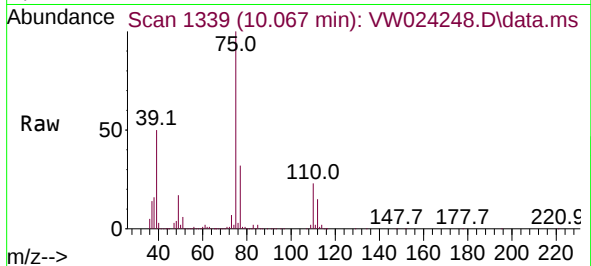




#39
 cis-1,3-Dichloropropene
 Concen: 29.076 ug/L
 RT: 10.067 min Scan# 1339
 Delta R.T. -0.000 min
 Lab File: VW024248.D
 Acq: 16 Aug 2022 11:29

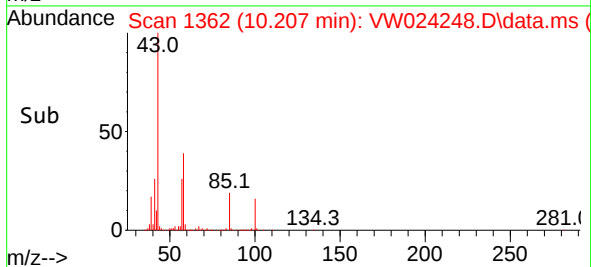
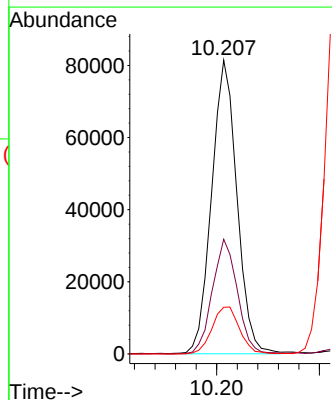
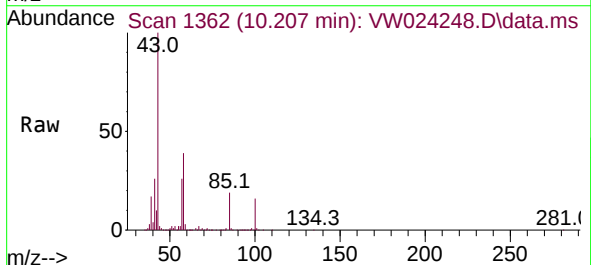
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025536

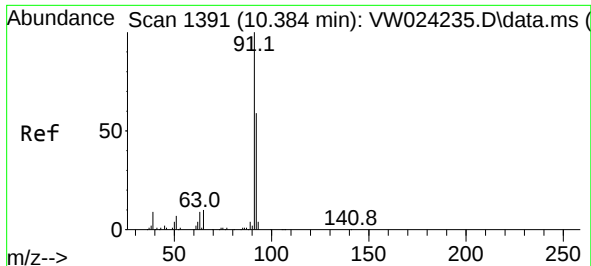
Tgt Ion: 75 Resp: 170927
 Ion Ratio Lower Upper
 75 100
 77 31.6 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 52.537 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW024248.D
 Acq: 16 Aug 2022 11:29

Tgt Ion: 43 Resp: 139322
 Ion Ratio Lower Upper
 43 100
 58 38.6 30.5 45.7
 100 17.4 13.8 20.6

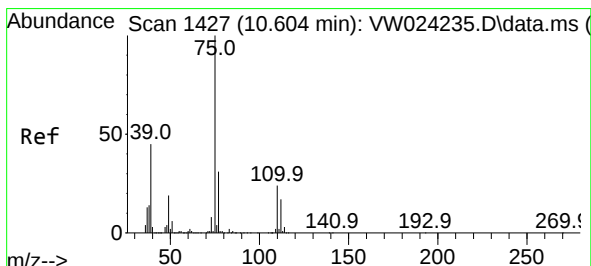
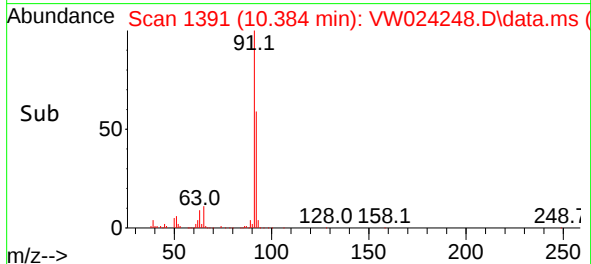
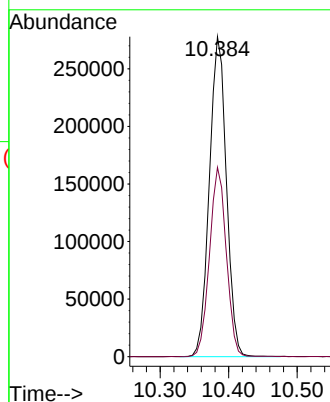
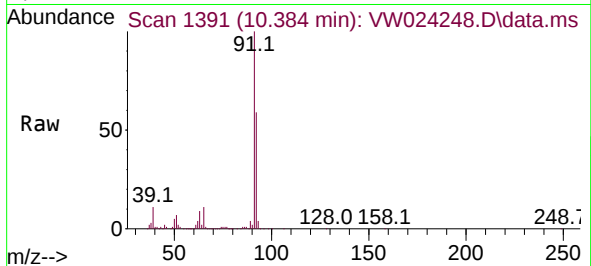




#42
Toluene
Concen: 27.923 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

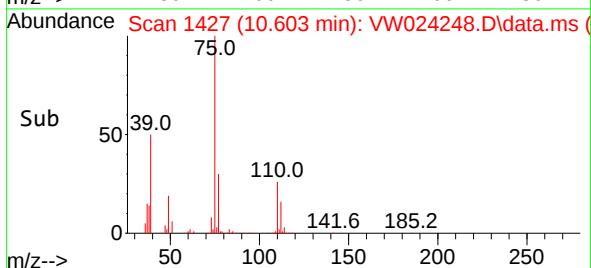
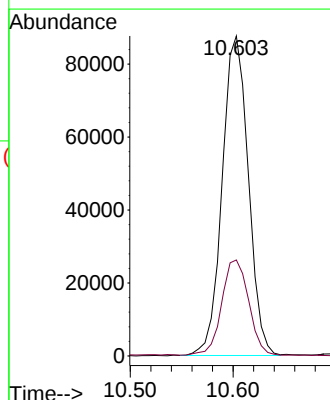
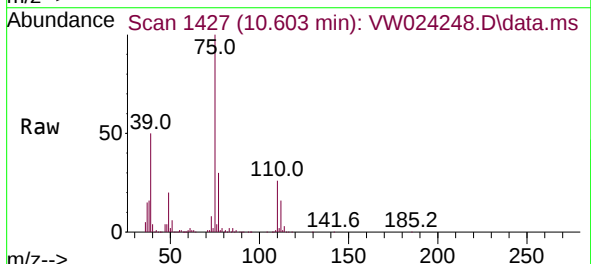
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

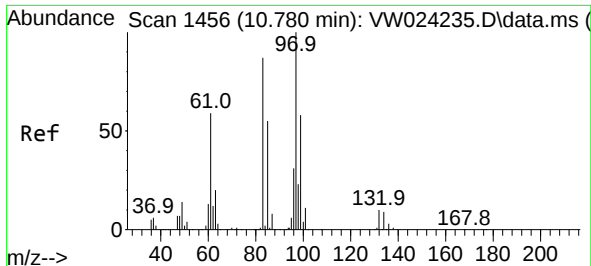
Tgt Ion: 91 Resp: 479635
Ion Ratio Lower Upper
91 100
92 59.2 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 28.760 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

Tgt Ion: 75 Resp: 154481
Ion Ratio Lower Upper
75 100
77 30.0 22.4 41.6

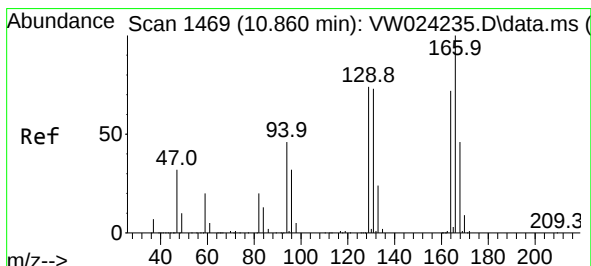
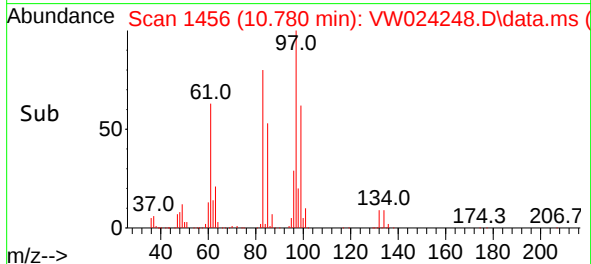
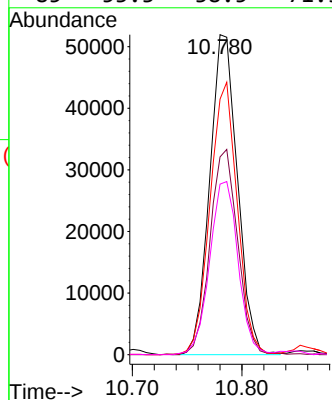
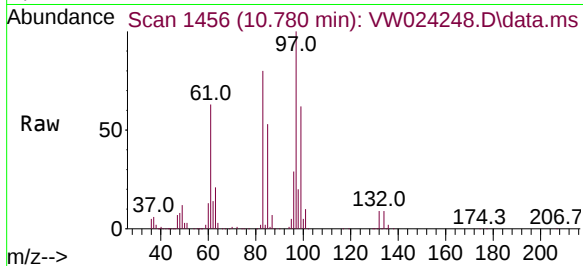




#45
1,1,2-Trichloroethane
Concen: 27.214 ug/L
RT: 10.780 min Scan# 1456
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

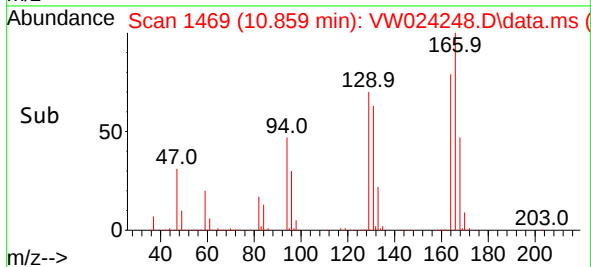
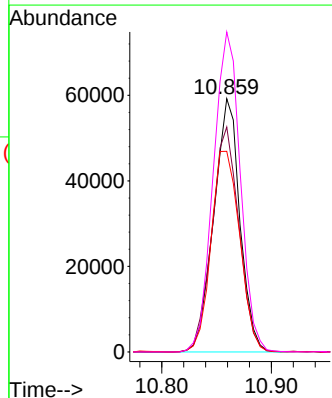
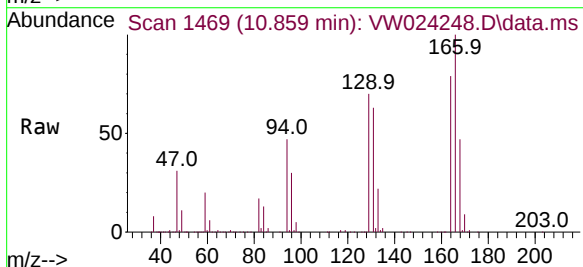
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

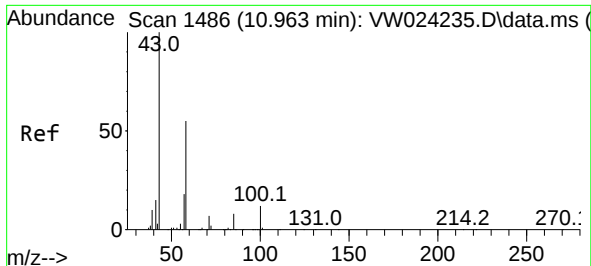
Tgt Ion:	97	Resp:	91653
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.8	81.3
83	79.9	56.4	104.7
85	53.3	38.5	71.5



#46
Tetrachloroethene
Concen: 28.329 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

Tgt Ion:	164	Resp:	97988
Ion	Ratio	Lower	Upper
164	100		
129	88.8	63.1	117.3
131	79.2	63.9	118.7
166	126.3	86.8	161.2

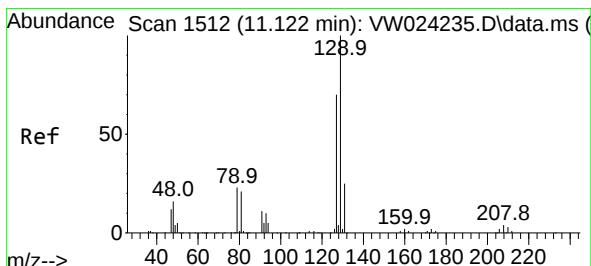
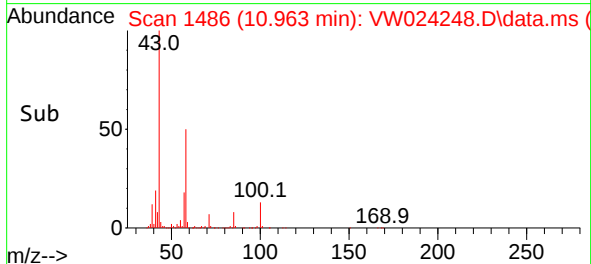
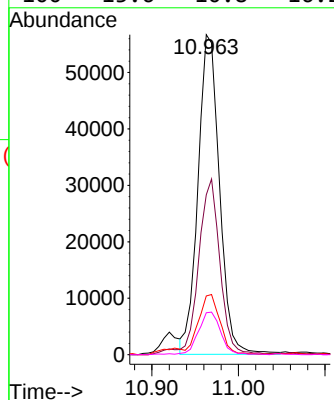
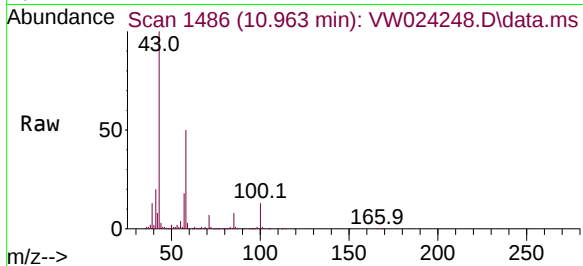




#48
2-Hexanone
Concen: 54.469 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

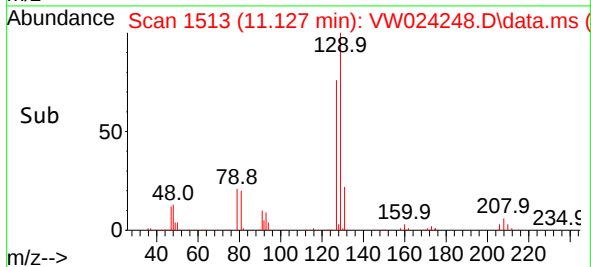
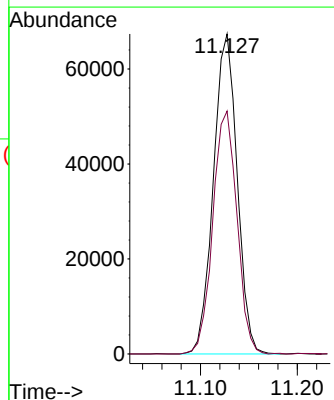
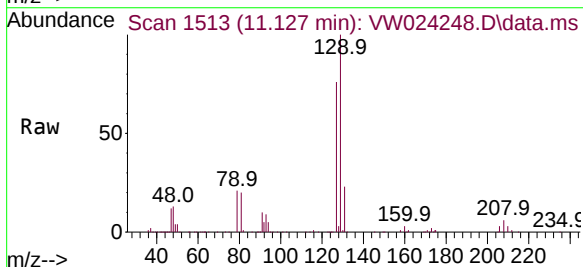
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

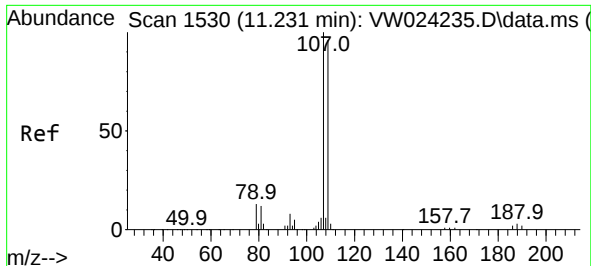
Tgt Ion:	43	Resp:	98029
Ion	Ratio	Lower	Upper
43	100		
58	53.0	43.4	65.0
57	18.7	15.0	22.4
100	13.6	10.8	16.2



#49
Dibromochloromethane
Concen: 28.363 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

Tgt Ion:	129	Resp:	114999
Ion	Ratio	Lower	Upper
129	100		
127	75.9	52.3	97.1

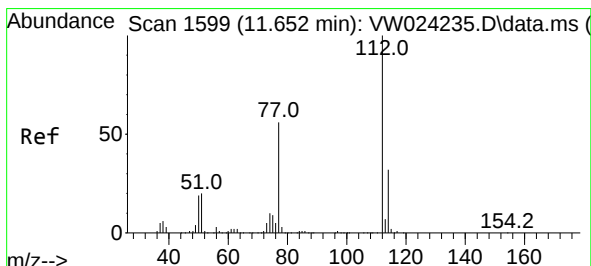
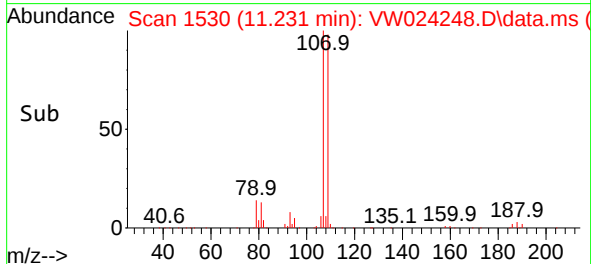
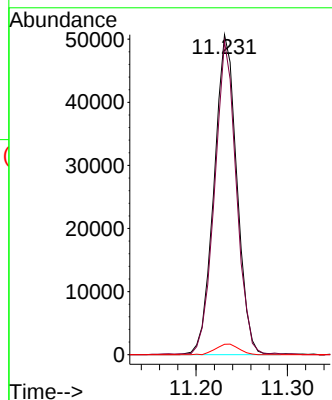
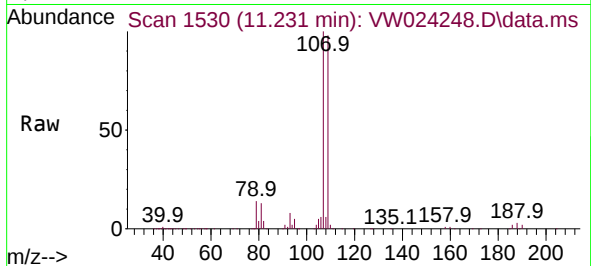




#50
1,2-Dibromoethane
Concen: 27.236 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

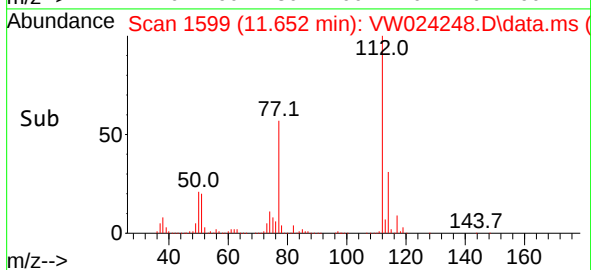
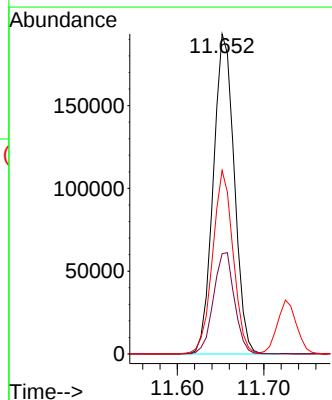
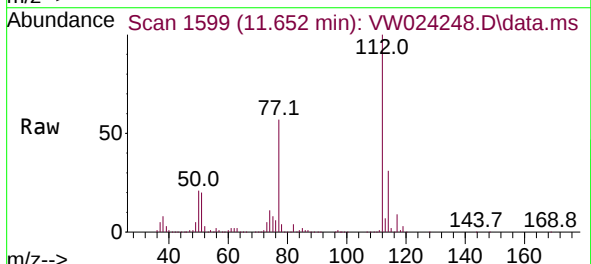
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

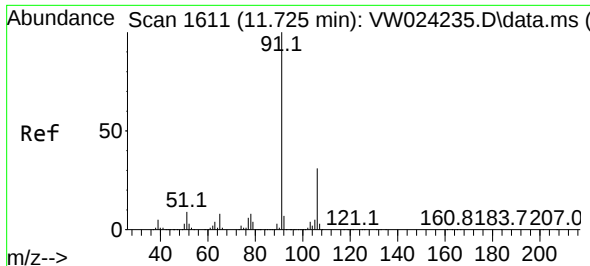
Tgt Ion:107 Resp: 87883
Ion Ratio Lower Upper
107 100
109 97.9 64.0 119.0
188 3.2 3.1 4.7



#51
Chlorobenzene
Concen: 27.698 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

Tgt Ion:112 Resp: 325066
Ion Ratio Lower Upper
112 100
114 31.3 20.7 38.5
77 57.3 41.4 62.2

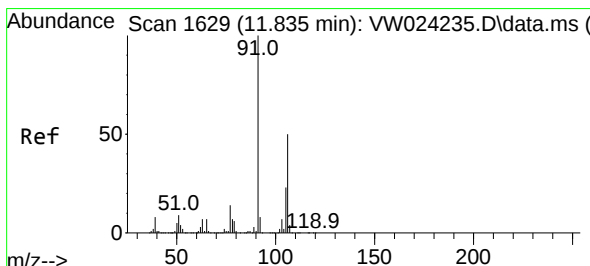
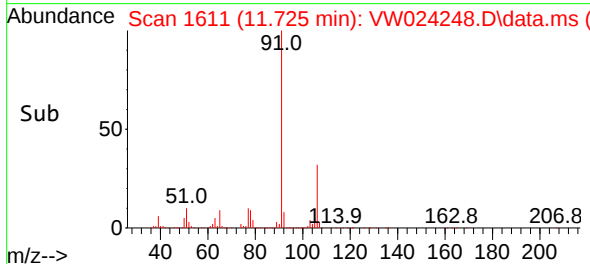
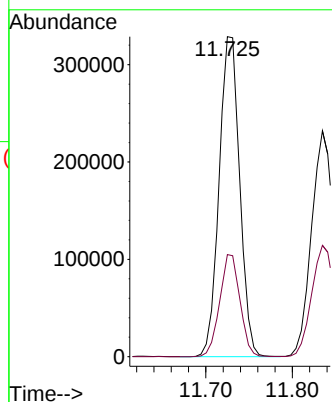
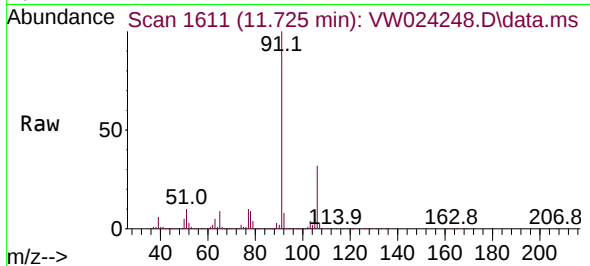




#52
Ethylbenzene
Concen: 28.827 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

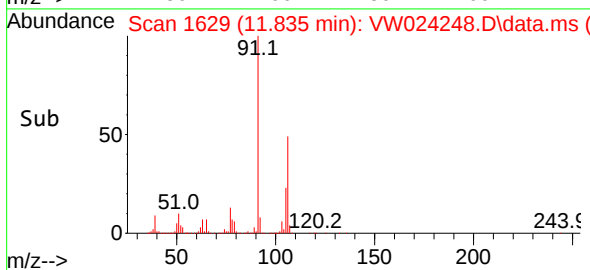
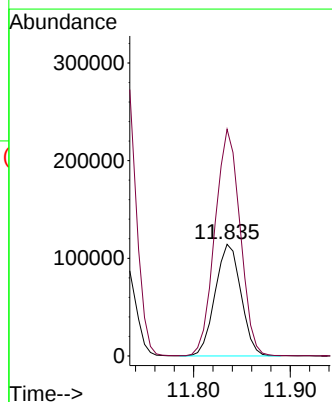
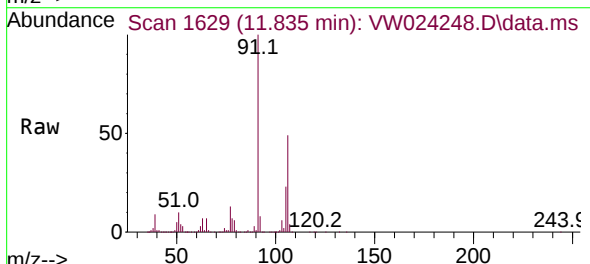
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

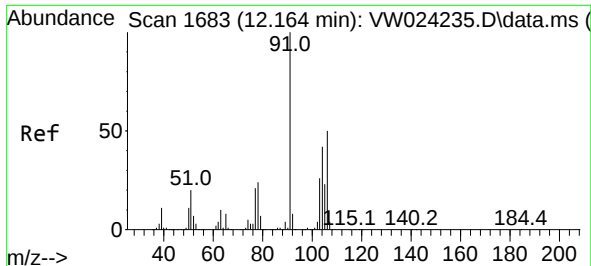
Tgt Ion: 91 Resp: 542506
Ion Ratio Lower Upper
91 100
106 31.9 21.9 40.7



#53
m,p-Xylene
Concen: 29.008 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

Tgt Ion:106 Resp: 212501
Ion Ratio Lower Upper
106 100
91 202.9 144.1 267.7

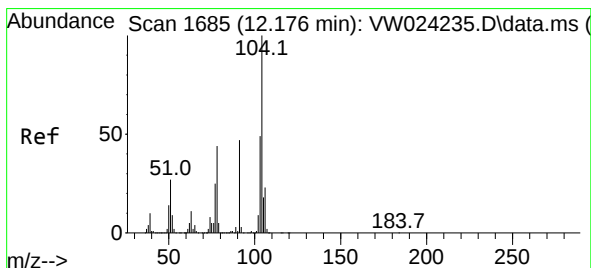
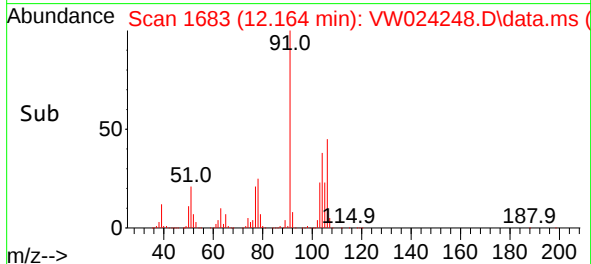
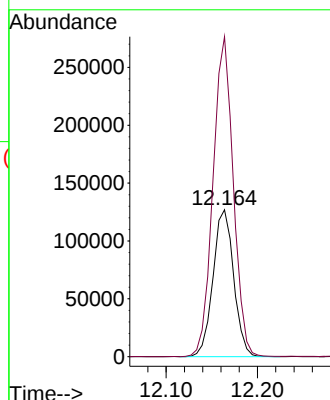
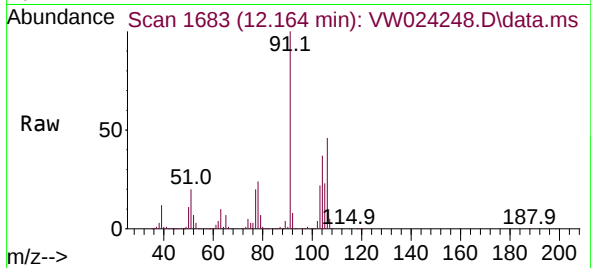




#54
o-Xylene
Concen: 28.777 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

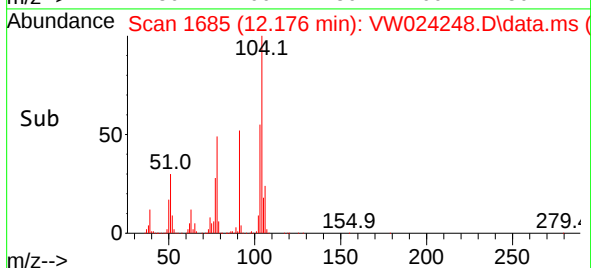
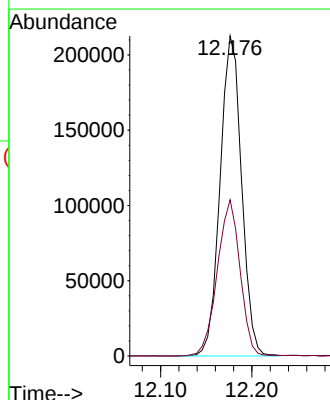
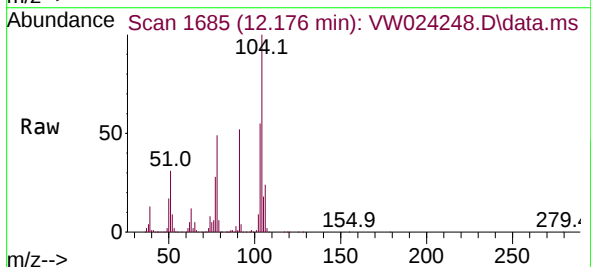
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

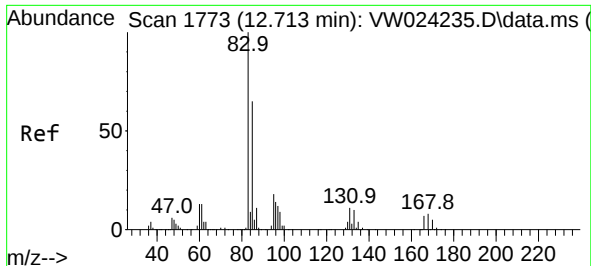
Tgt Ion:106 Resp: 199156
Ion Ratio Lower Upper
106 100
91 218.0 150.9 280.3



#55
Styrene
Concen: 28.868 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

Tgt Ion:104 Resp: 347475
Ion Ratio Lower Upper
104 100
78 48.8 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 25.688 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024248.D

Acq: 16 Aug 2022 11:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

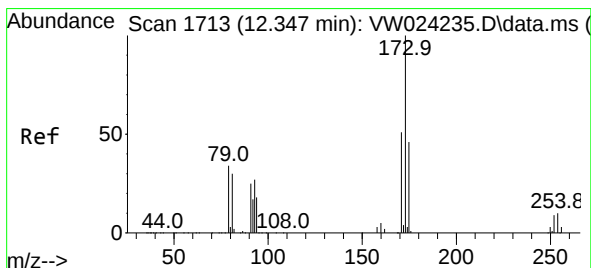
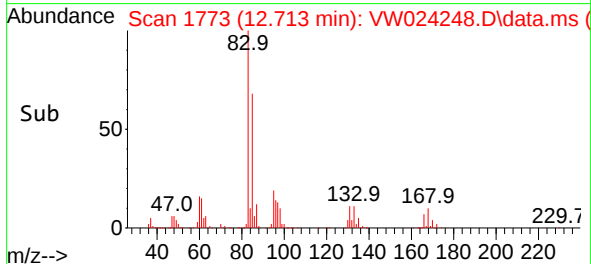
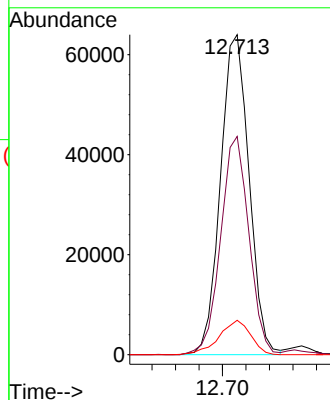
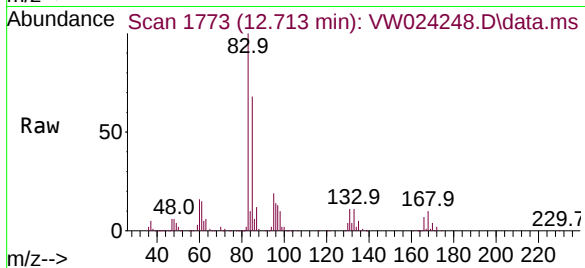
Tgt Ion: 83 Resp: 108120

Ion Ratio Lower Upper

83 100

85 68.2 44.1 81.9

131 10.7 8.3 12.5



#59

Bromoform

Concen: 25.269 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024248.D

Acq: 16 Aug 2022 11:29

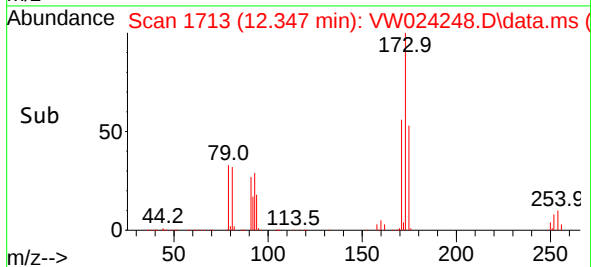
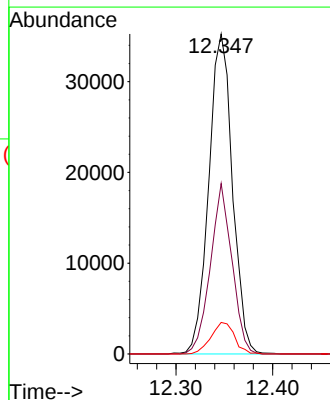
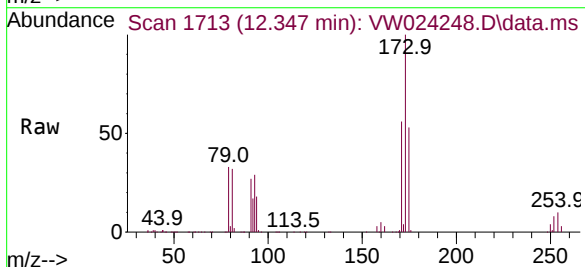
Tgt Ion: 173 Resp: 60000

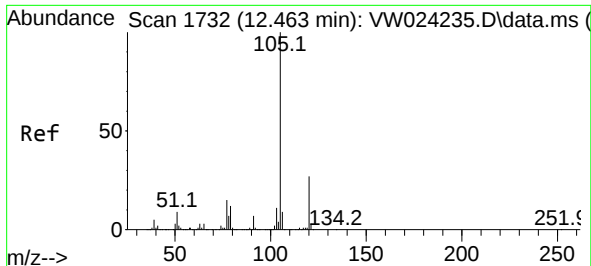
Ion Ratio Lower Upper

173 100

175 48.4 39.0 58.6

254 9.8 6.8 10.2

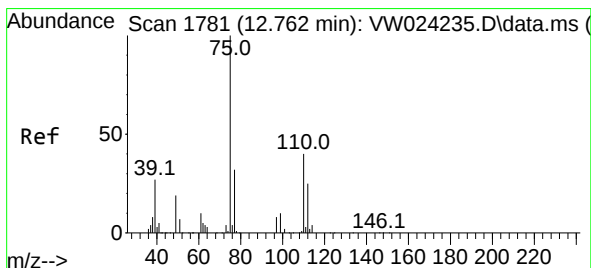
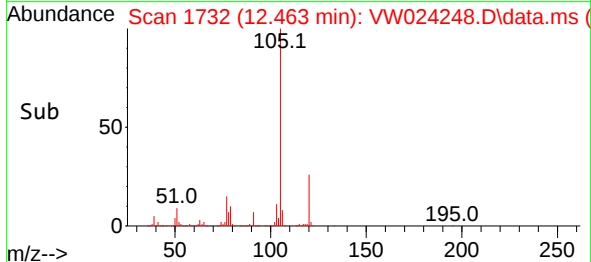
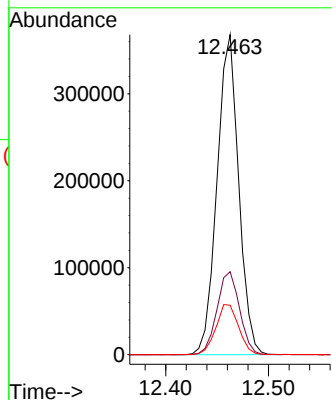
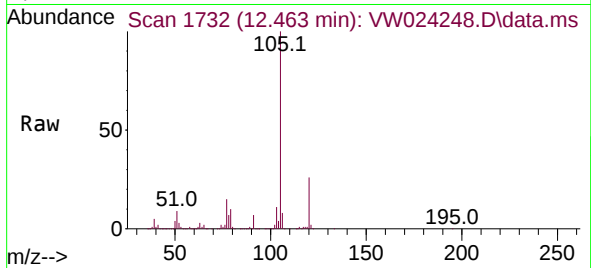




#60
Isopropylbenzene
Concen: 28.491 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

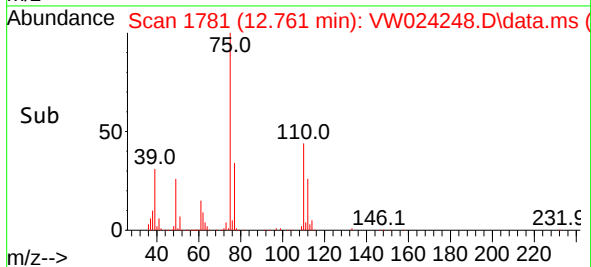
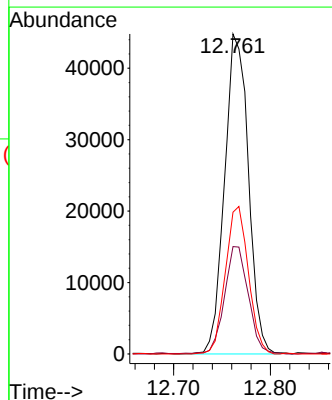
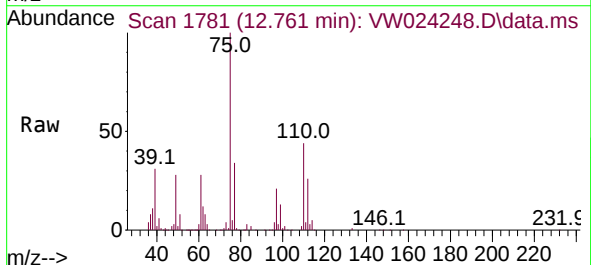
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

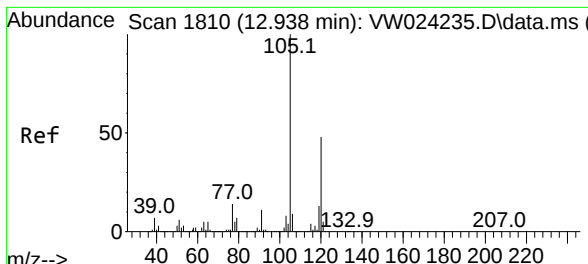
Tgt Ion:105 Resp: 536902
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.2
77 16.6 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 24.768 ug/L
RT: 12.761 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

Tgt Ion: 75 Resp: 76731
Ion Ratio Lower Upper
75 100
77 33.6 26.2 39.4
110 44.5 33.6 50.4



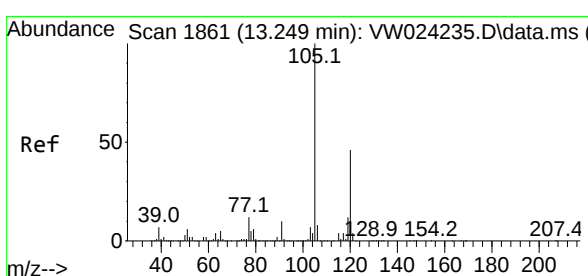
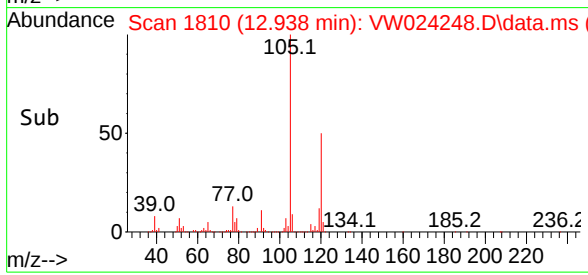
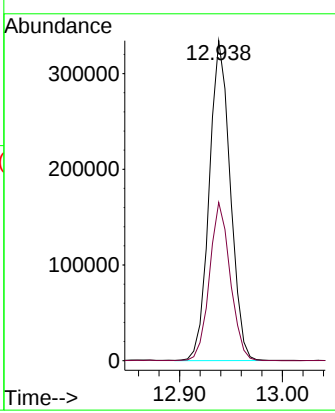
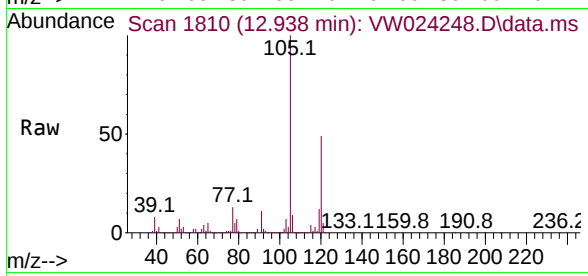


#62
 1,3,5-Trimethylbenzene
 Concen: 30.554 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VW024248.D
 Acq: 16 Aug 2022 11:29

Instrument : MSVOA_W
 ClientSampleId : VSTD025536

Tgt Ion:105 Resp: 475813

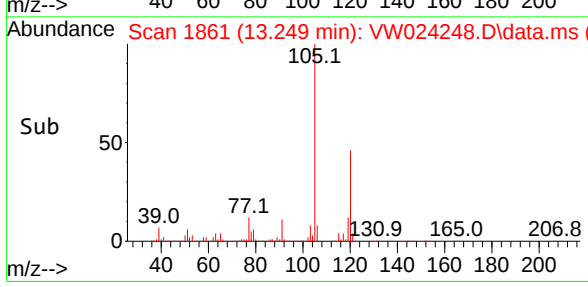
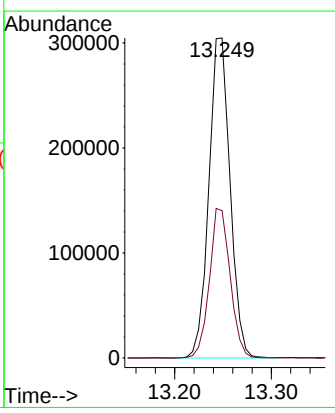
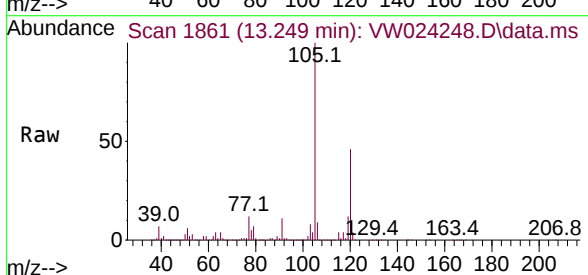
Ion	Ratio	Lower	Upper
105	100		
120	48.7	39.7	59.5

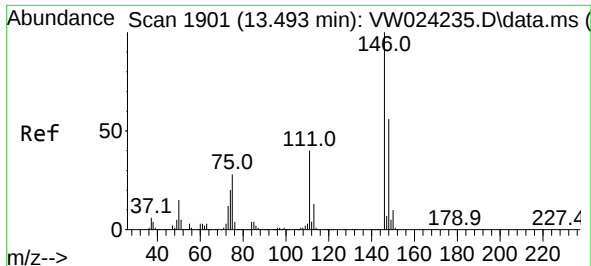


#63
 1,2,4-Trimethylbenzene
 Concen: 30.284 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW024248.D
 Acq: 16 Aug 2022 11:29

Tgt Ion:105 Resp: 464451

Ion	Ratio	Lower	Upper
105	100		
120	45.6	36.4	54.6

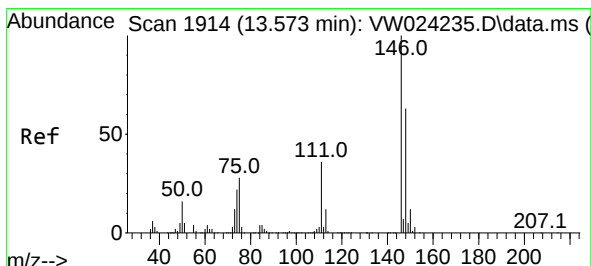
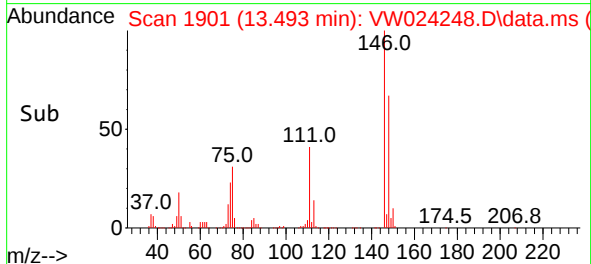
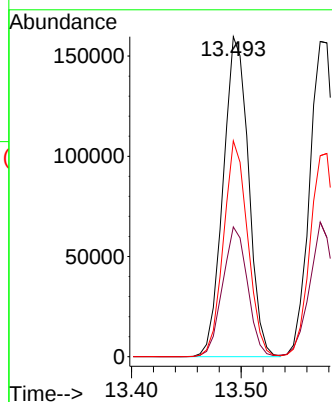
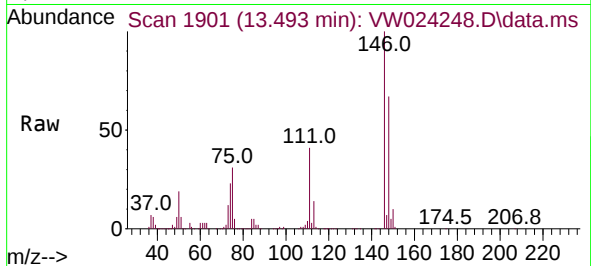




#64
1,3-Dichlorobenzene
Concen: 27.867 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

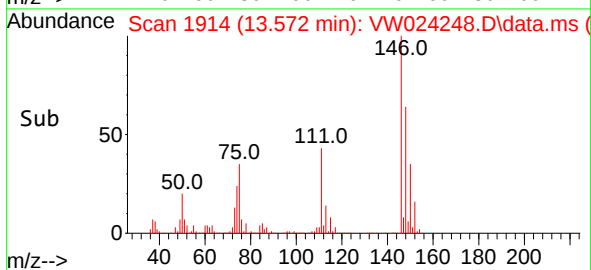
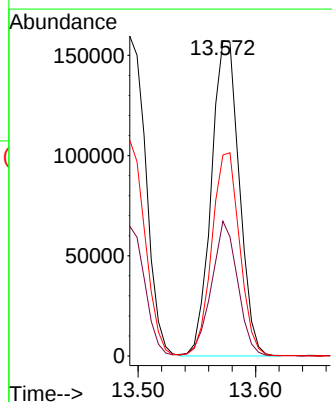
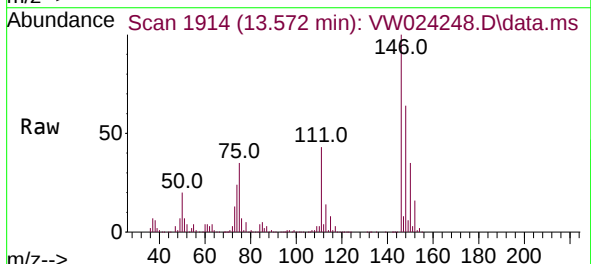
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

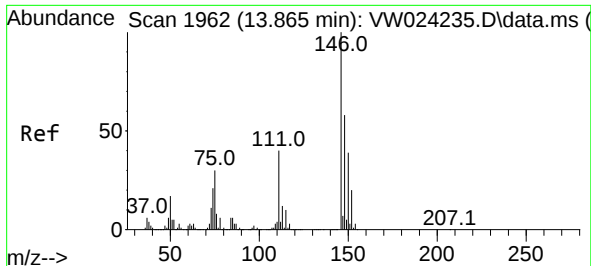
Tgt Ion:146 Resp: 257152
Ion Ratio Lower Upper
146 100
111 40.6 28.0 52.0
148 67.5 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 26.619 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024248.D
Acq: 16 Aug 2022 11:29

Tgt Ion:146 Resp: 260101
Ion Ratio Lower Upper
146 100
111 42.7 27.6 51.4
148 63.7 40.5 75.3





#67

1,2-Dichlorobenzene

Concen: 27.225 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024248.D

Acq: 16 Aug 2022 11:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

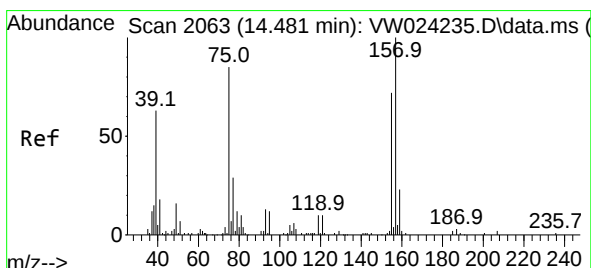
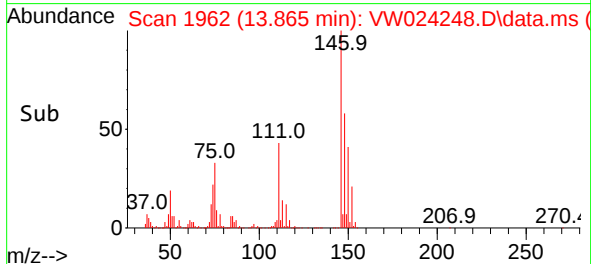
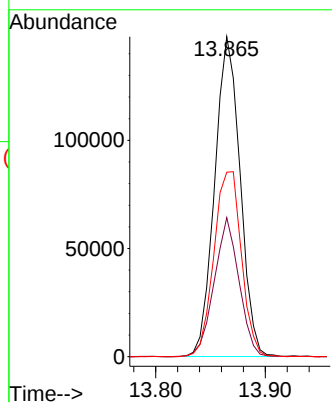
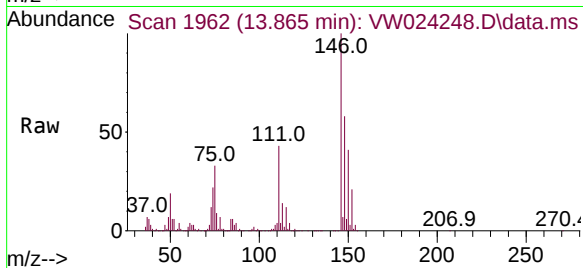
Tgt Ion:146 Resp: 238568

Ion Ratio Lower Upper

146 100

111 43.4 29.0 43.6

148 57.7 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 24.633 ug/L

RT: 14.480 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024248.D

Acq: 16 Aug 2022 11:29

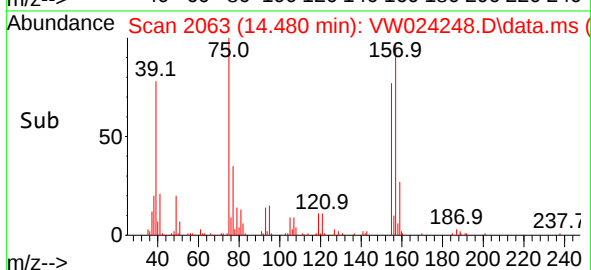
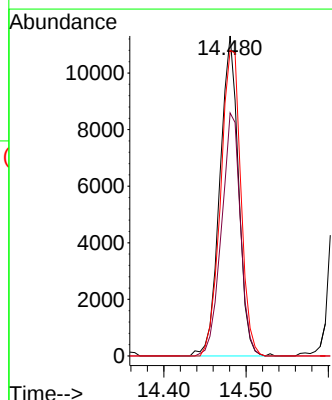
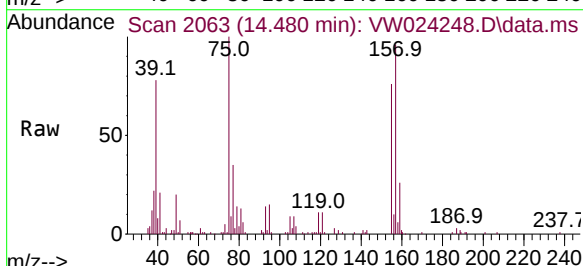
Tgt Ion: 75 Resp: 17829

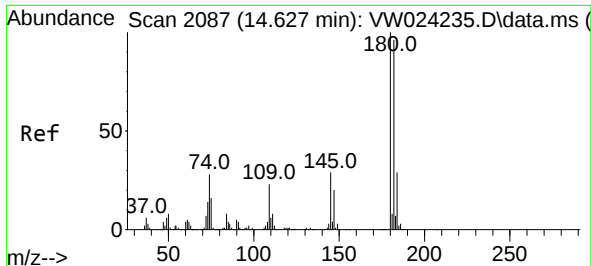
Ion Ratio Lower Upper

75 100

155 75.9 68.8 103.2

157 95.5 91.5 137.3





#69

1,3,5-Trichlorobenzene

Concen: 30.398 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.007 min

Lab File: VW024248.D

Acq: 16 Aug 2022 11:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

Tgt Ion:180 Resp: 183937

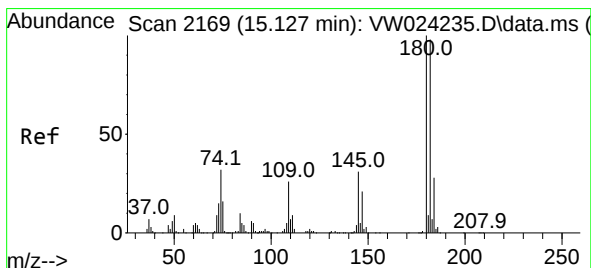
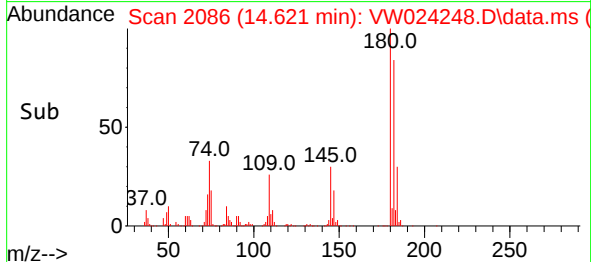
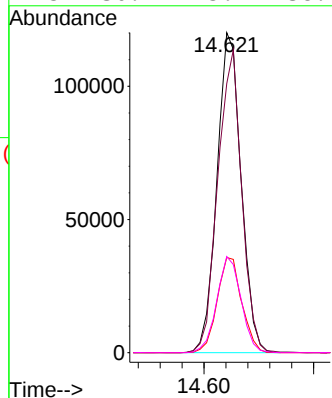
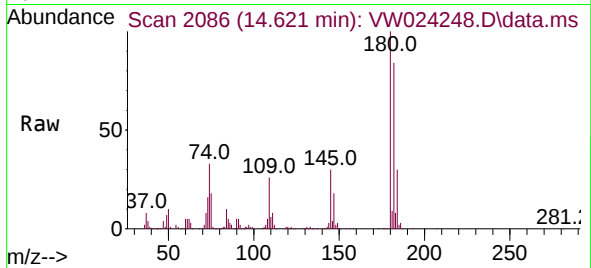
Ion Ratio Lower Upper

180 100

182 93.7 78.4 117.6

184 30.1 24.7 37.1

145 30.1 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 30.855 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024248.D

Acq: 16 Aug 2022 11:29

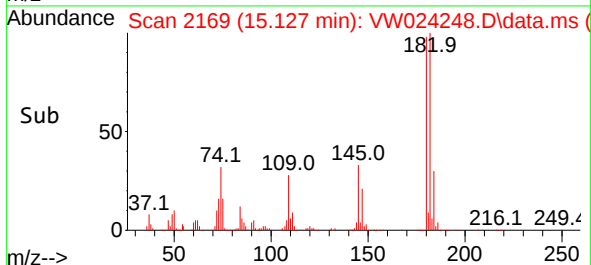
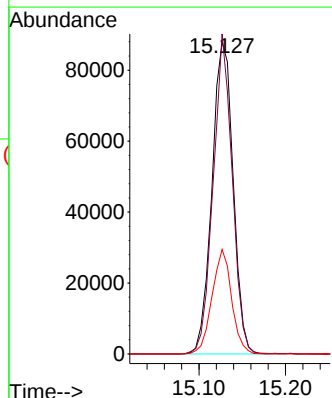
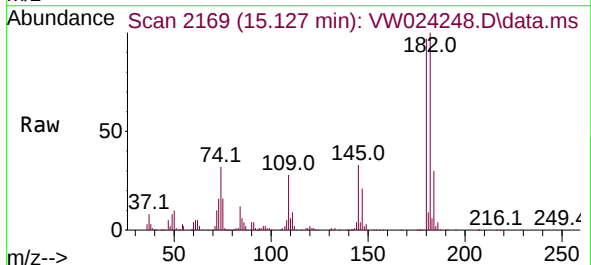
Tgt Ion:180 Resp: 149515

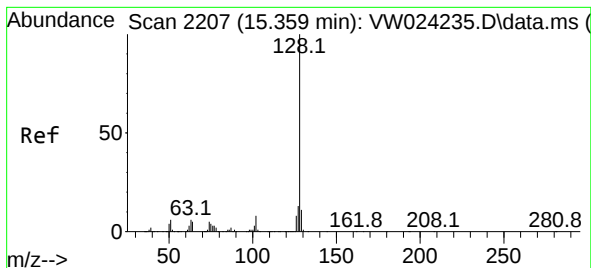
Ion Ratio Lower Upper

180 100

182 92.1 75.0 112.4

145 31.0 25.1 37.7





#71

Naphthalene

Concen: 31.192 ug/L

RT: 15.358 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW024248.D

Acq: 16 Aug 2022 11:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

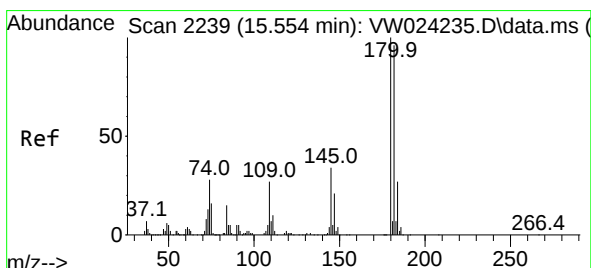
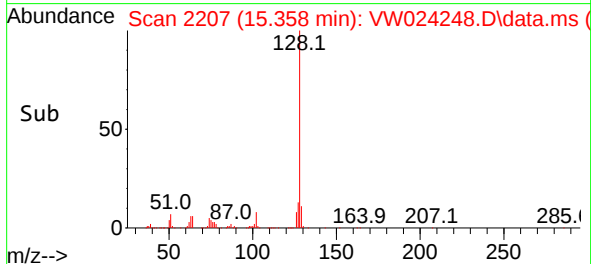
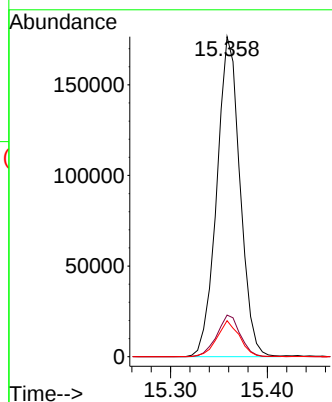
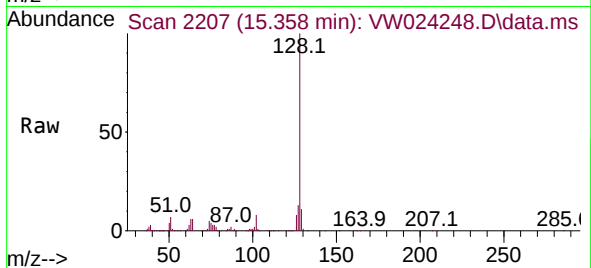
Tgt Ion:128 Resp: 294405

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 28.483 ug/L

RT: 15.547 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW024248.D

Acq: 16 Aug 2022 11:29

Tgt Ion:180 Resp: 125658

Ion Ratio Lower Upper

180 100

182 100.5 75.4 113.2

145 34.7 26.9 40.3

