

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080322\
 Data File : VW024153.D
 Acq On : 03 Aug 2022 16:40
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025489

Quant Time: Aug 04 01:13:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 04 01:06:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.836	114	359731	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	360928	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	208627	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	125946	20.673	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.680%
7) Chloroethane-d5	2.873	69	82984	21.343	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.360%
11) 1,1-Dichloroethene-d2	4.013	63	148216	19.401	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.600%
21) 2-Butanone-d5	7.074	46	57206	45.189	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.380%
24) Chloroform-d	7.647	84	212970	20.956	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.840%
26) 1,2-Dichloroethane-d4	8.299	65	114306	20.755	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.040%
32) Benzene-d6	8.269	84	381384	19.953	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	9.275	67	117396	20.799	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.200%
41) Toluene-d8	10.317	98	366329	20.477	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.920%
43) trans-1,3-Dichloroprop...	10.579	79	54504	20.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.800%
47) 2-Hexanone-d5	10.921	63	52487	48.781	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.560%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	127408	22.379	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	159145	21.504	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	90773	30.702	ug/L	100
3) Chloromethane	2.209	50	142641	24.851	ug/L	99
5) Vinyl chloride	2.349	62	207747	23.761	ug/L	100
6) Bromomethane	2.764	94	105735	20.541	ug/L	98
8) Chloroethane	2.910	64	90303	24.085	ug/L	96
9) Trichlorofluoromethane	3.245	101	89638	17.995	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	124958	22.226	ug/L	99
12) 1,1-Dichloroethene	4.026	96	103357	21.801	ug/L	98
13) Acetone	4.123	43	39722	39.128	ug/L	98
14) Carbon disulfide	4.373	76	325275	21.157	ug/L	100
15) Methyl Acetate	4.672	43	50926	22.726	ug/L	98
16) Methylene chloride	4.903	84	138382	19.707	ug/L	94
17) trans-1,2-Dichloroethene	5.415	96	116836	21.875	ug/L	99
18) Methyl tert-butyl Ether	5.422	73	165363	22.718	ug/L	99
19) 1,1-Dichloroethane	6.208	63	198865	22.016	ug/L	98
20) cis-1,2-Dichloroethene	7.159	96	125426	22.221	ug/L	96
22) 2-Butanone	7.171	43	67752	41.625	ug/L	97
23) Bromochloromethane	7.513	128	62639	22.046	ug/L	97
25) Chloroform	7.671	83	221876	22.055	ug/L	96

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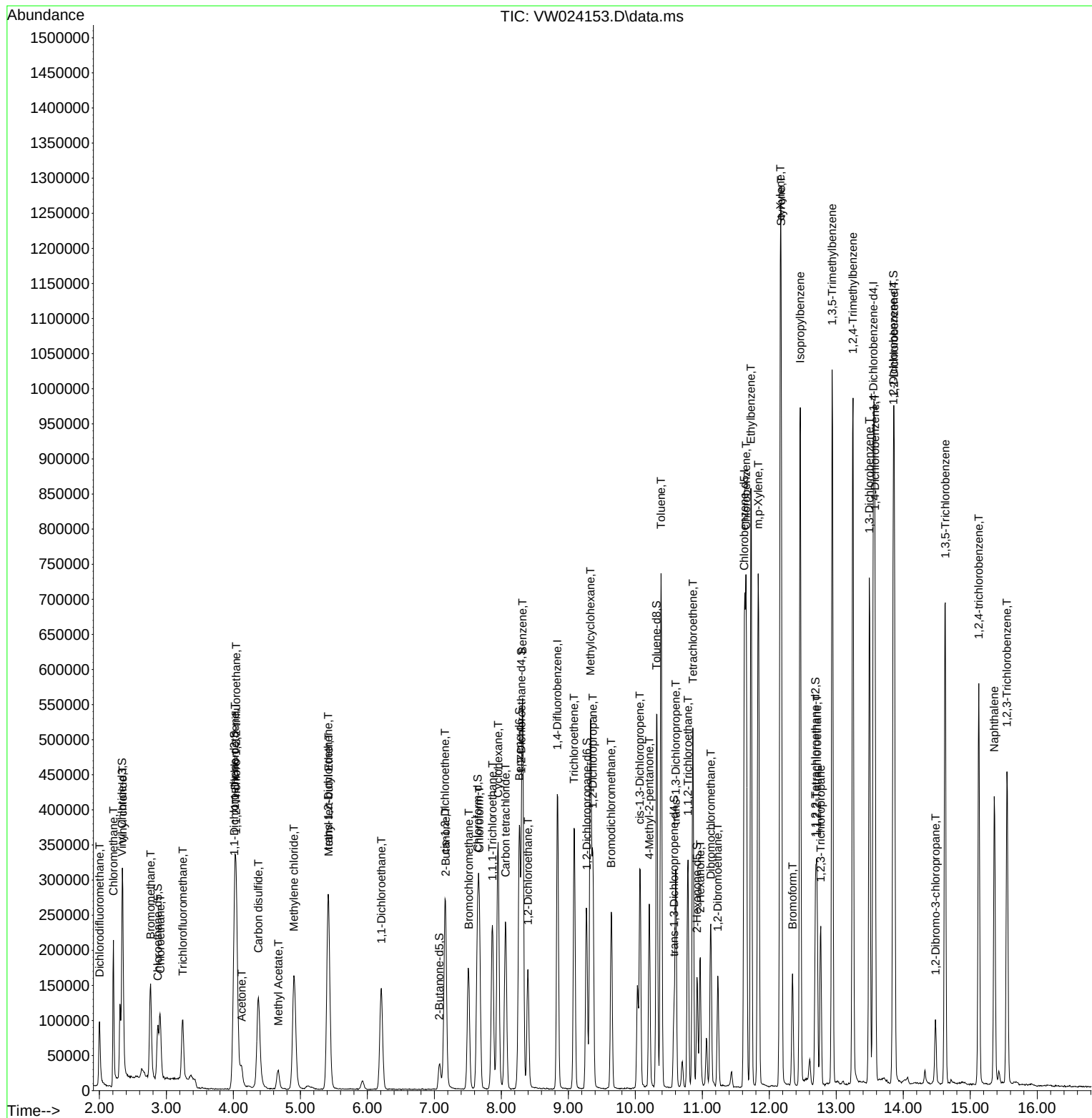
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	147613	22.251	ug/L	98
29) Cyclohexane	7.952	56	175857	22.999	ug/L	100
30) 1,1,1-Trichloroethane	7.866	97	185440	21.009	ug/L	100
31) Carbon tetrachloride	8.061	117	173710	20.999	ug/L	99
33) Benzene	8.317	78	477883	21.318	ug/L	100
34) Trichloroethene	9.086	95	125994	20.998	ug/L	98
35) Methylcyclohexane	9.329	83	216603	22.852	ug/L	99
37) 1,2-Dichloropropane	9.366	63	117191	21.971	ug/L	99
38) Bromodichloromethane	9.640	83	164164	21.537	ug/L	97
39) cis-1,3-Dichloropropene	10.067	75	180945	22.428	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	155049	46.409	ug/L	99
42) Toluene	10.384	91	528225	22.067	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	164875	22.336	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	100427	22.027	ug/L	96
46) Tetrachloroethene	10.860	164	107843	21.330	ug/L	88
48) 2-Hexanone	10.969	43	110921	48.133	ug/L	100
49) Dibromochloromethane	11.128	129	122644	22.067	ug/L	93
50) 1,2-Dibromoethane	11.232	107	97656	21.833	ug/L	91
51) Chlorobenzene	11.652	112	362083	21.873	ug/L	98
52) Ethylbenzene	11.725	91	592068	22.572	ug/L	95
53) m,p-Xylene	11.835	106	237680	23.599	ug/L	94
54) o-Xylene	12.164	106	229637	23.846	ug/L	97
55) Styrene	12.176	104	394309	23.587	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	125657	22.648	ug/L	96
59) Bromoform	12.347	173	70165	21.438	ug/L	99
60) Isopropylbenzene	12.463	105	614149	23.178	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	88947	21.256	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	532806	24.557	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	523894	24.479	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	294669	22.032	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	299460	21.583	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	265195	21.740	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	20601	22.186	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.627	180	204898	23.060	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	173985	25.405	ug/L	96
71) Naphthalene	15.359	128	353788	26.806	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	148699	23.619	ug/L	98

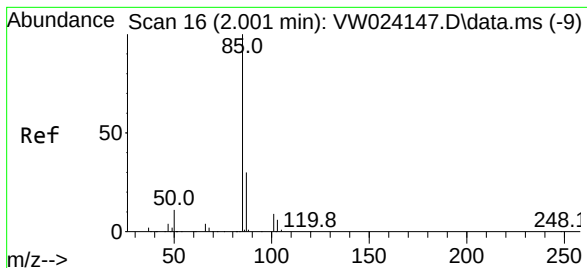
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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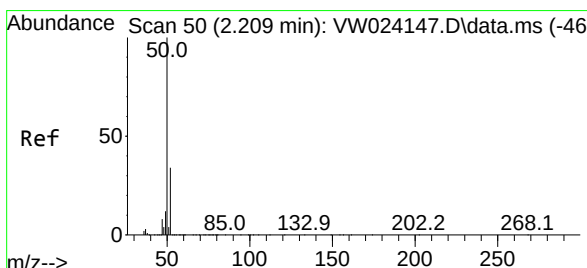
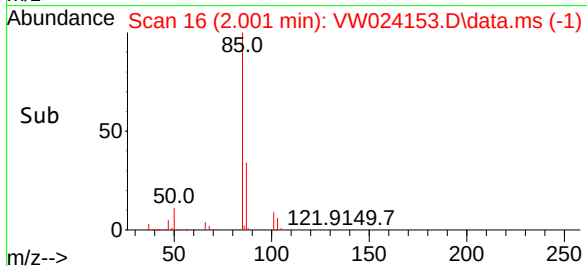
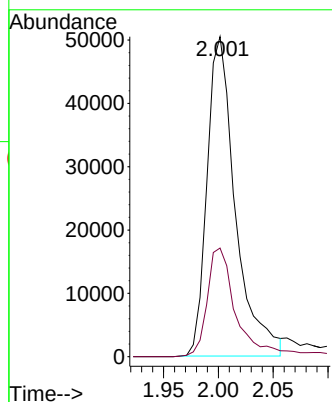
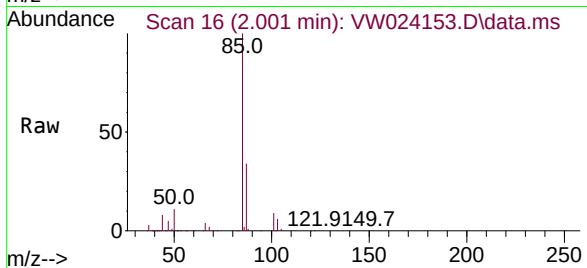




#2
 Dichlorodifluoromethane
 Concen: 30.702 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024153.D
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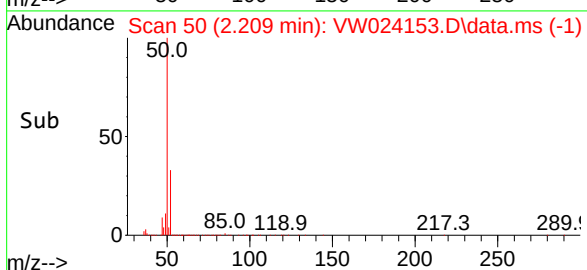
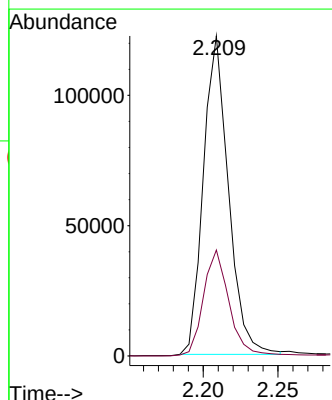
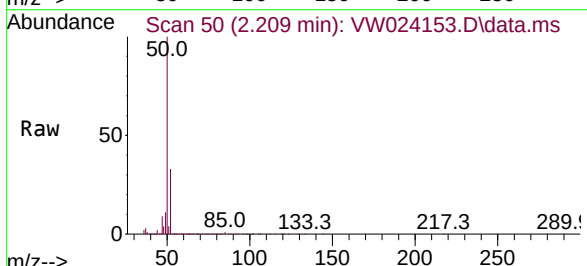
Instrument :
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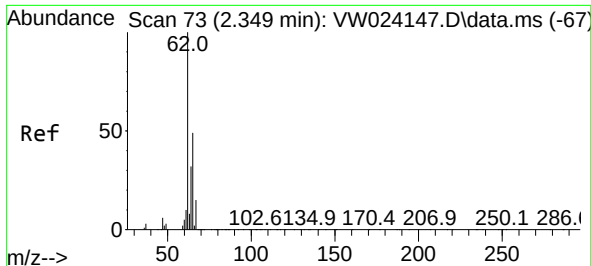
Tgt Ion: 85 Resp: 90773
 Ion Ratio Lower Upper
 85 100
 87 34.0 27.3 40.9



#3
 Chloromethane
 Concen: 24.851 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VW024153.D
 Acq: 03 Aug 2022 16:40

Tgt Ion: 50 Resp: 142641
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.7 43.9

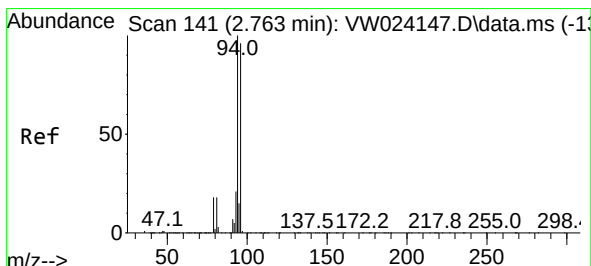
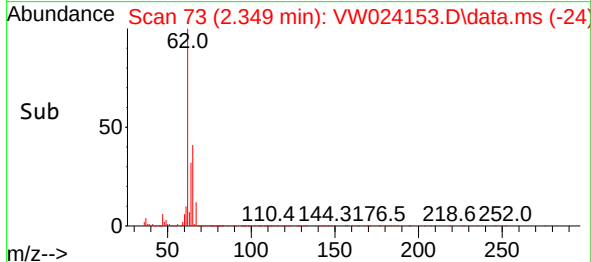
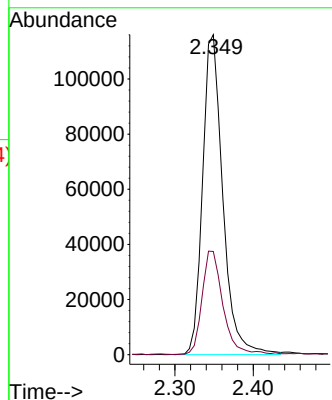
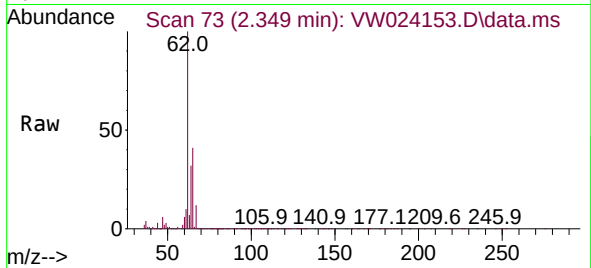




#5
 Vinyl chloride
 Concen: 23.761 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW024153.D
 Acq: 03 Aug 2022 16:40

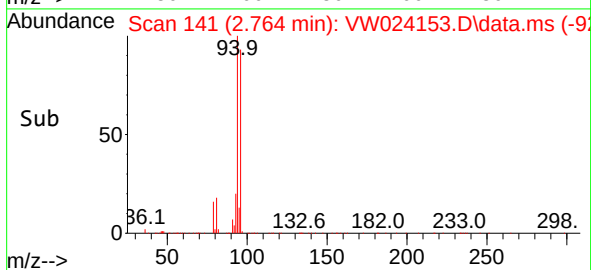
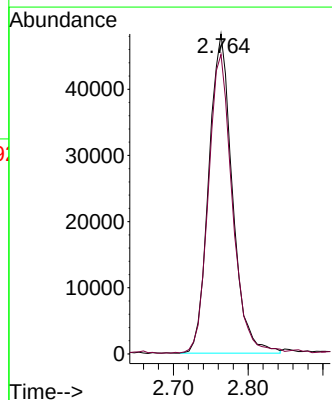
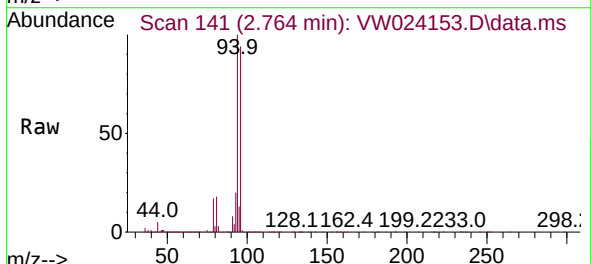
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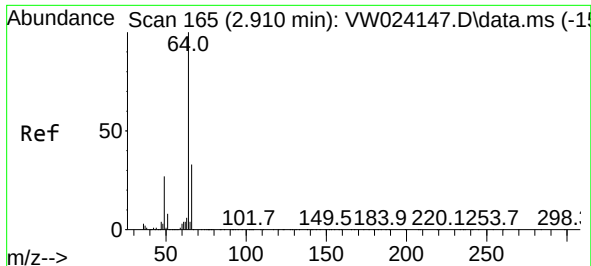
Tgt Ion: 62 Resp: 207747
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.7 42.3



#6
 Bromomethane
 Concen: 20.541 ug/L
 RT: 2.764 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VW024153.D
 Acq: 03 Aug 2022 16:40

Tgt Ion: 94 Resp: 105735
 Ion Ratio Lower Upper
 94 100
 96 93.6 67.0 124.4

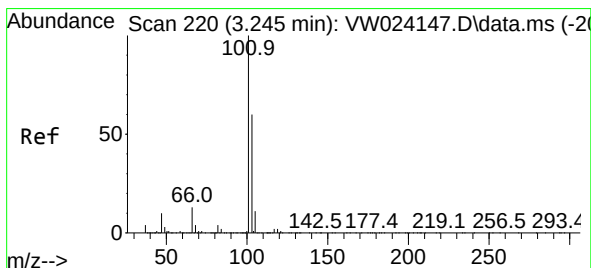
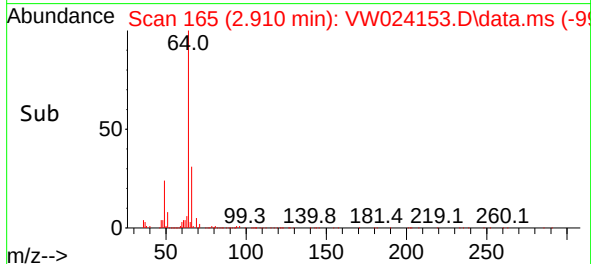
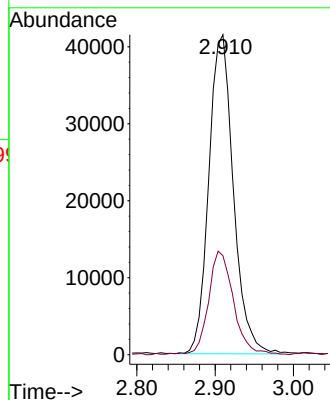
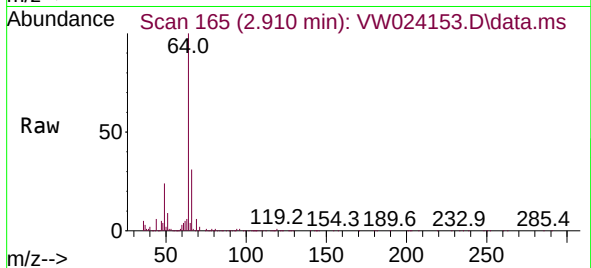




#8
Chloroethane
Concen: 24.085 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

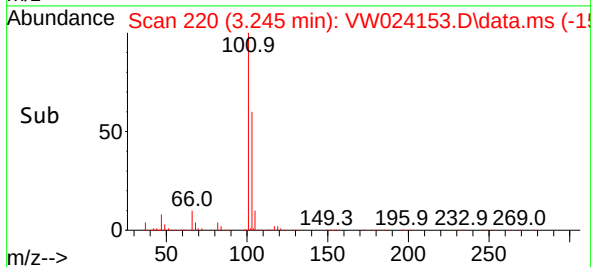
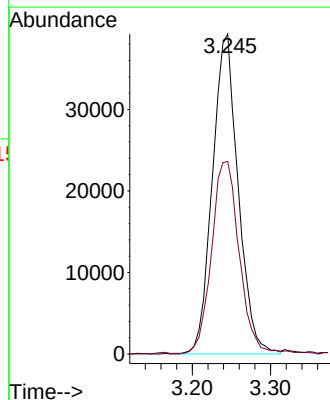
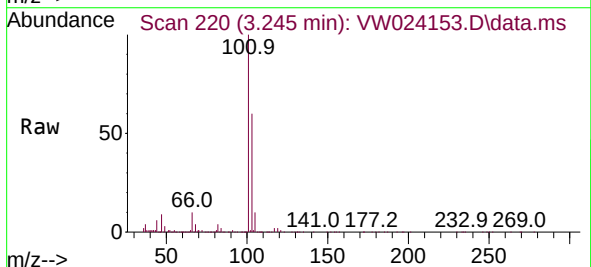
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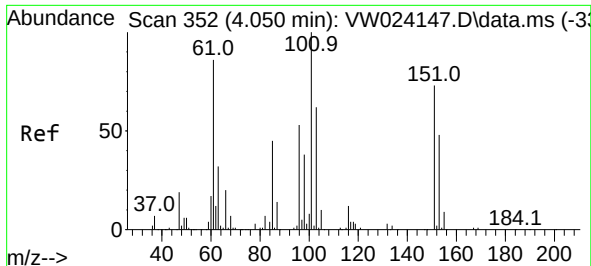
Tgt Ion: 64 Resp: 90303
Ion Ratio Lower Upper
64 100
66 31.0 23.3 43.3



#9
Trichlorofluoromethane
Concen: 17.995 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

Tgt Ion: 101 Resp: 89638
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.2

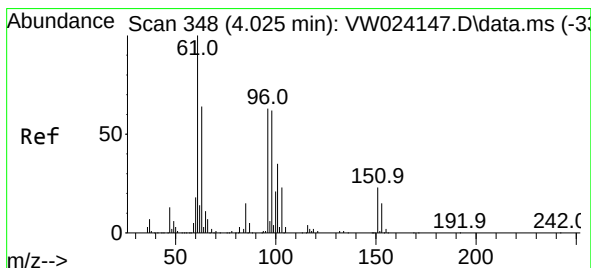
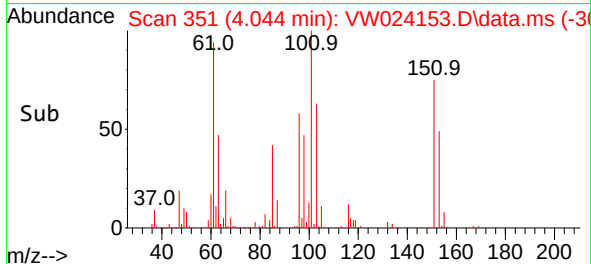
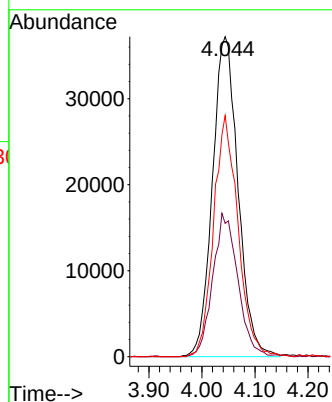
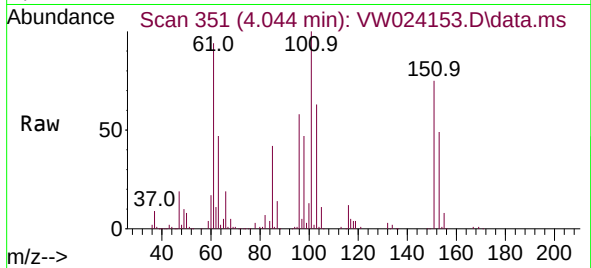




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.226 ug/L
 RT: 4.044 min Scan# 352
 Delta R.T. -0.006 min
 Lab File: VW024153.D
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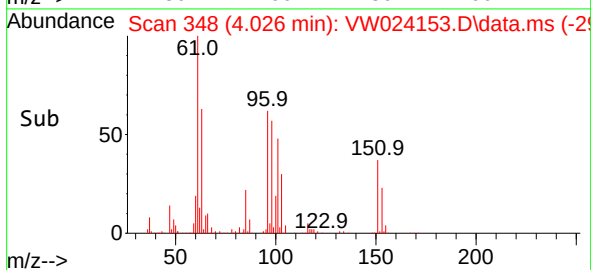
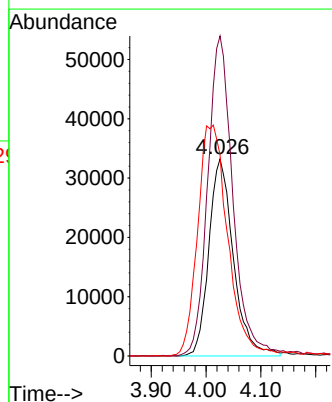
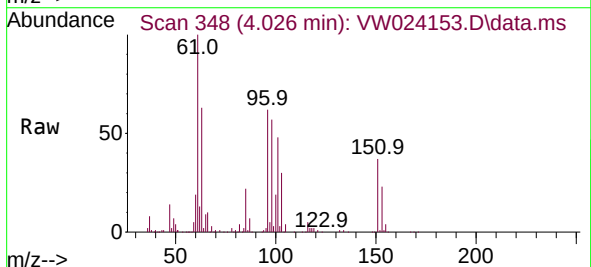
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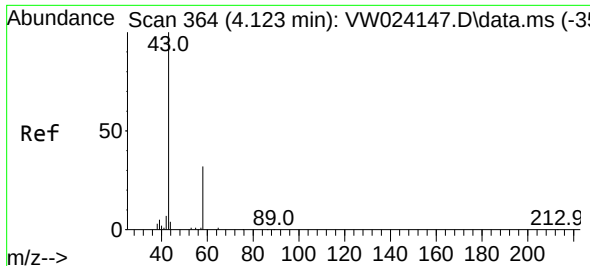
Tgt Ion:101 Resp: 124958
 Ion Ratio Lower Upper
 101 100
 85 43.6 35.6 53.4
 151 71.5 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 21.801 ug/L
 RT: 4.026 min Scan# 348
 Delta R.T. 0.000 min
 Lab File: VW024153.D
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Tgt Ion: 96 Resp: 103357
 Ion Ratio Lower Upper
 96 100
 61 162.5 112.0 208.0
 63 102.2 73.1 135.7

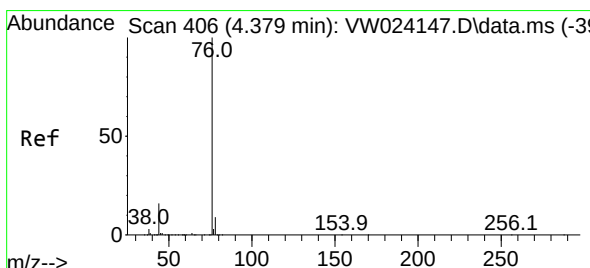
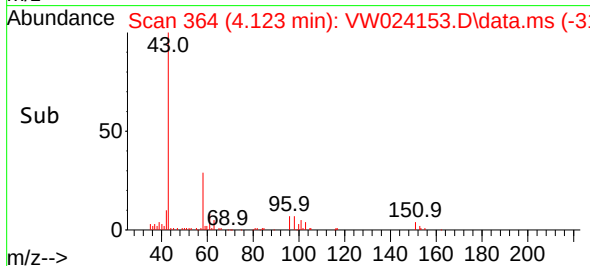
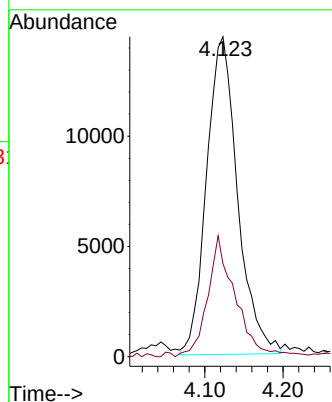
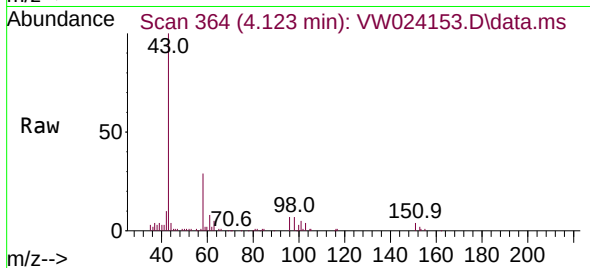




#13
Acetone
Concen: 39.128 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
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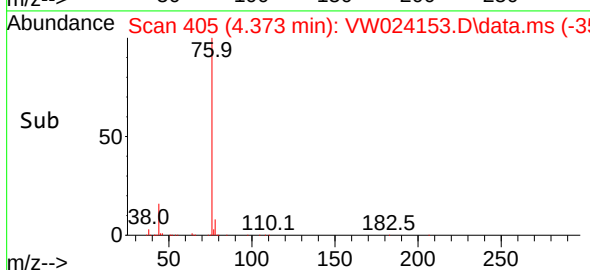
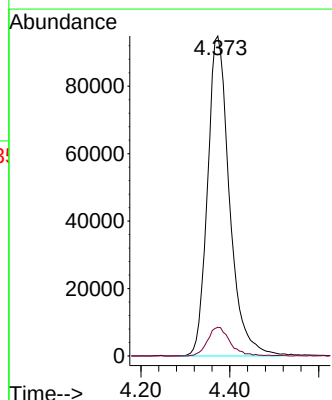
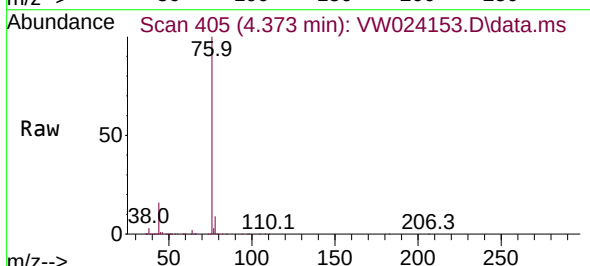
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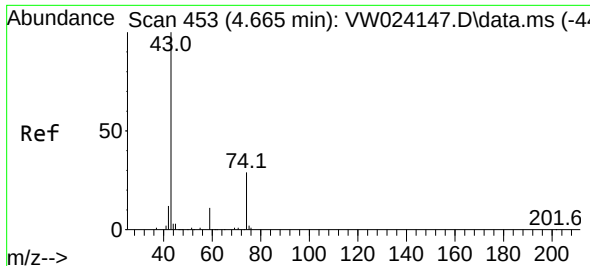
Tgt Ion: 43 Resp: 39722
Ion Ratio Lower Upper
43 100
58 34.1 0.0 66.0



#14
Carbon disulfide
Concen: 21.157 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 325275
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

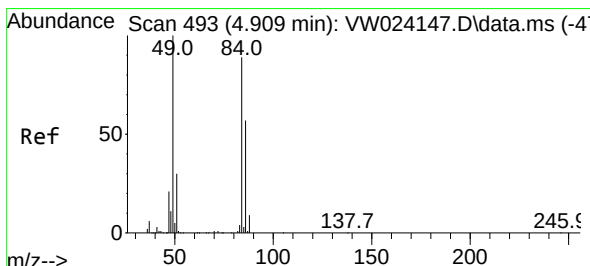
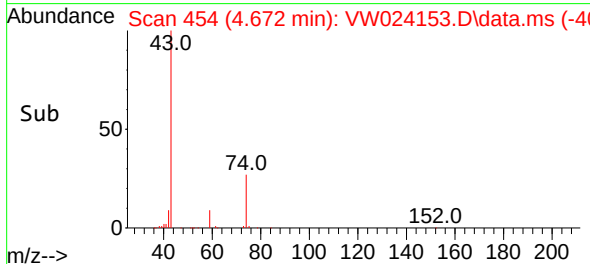
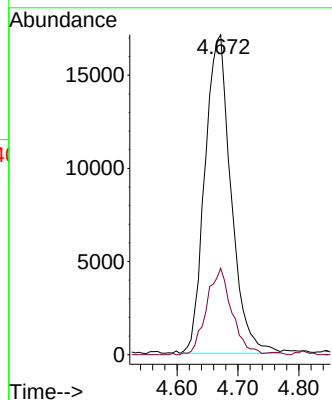
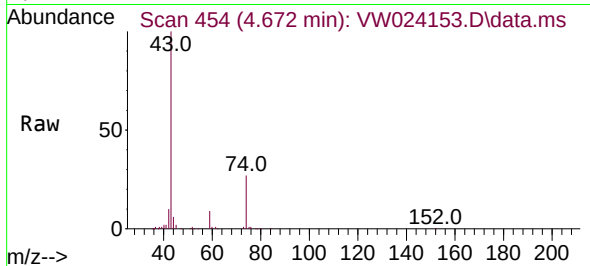




#15
Methyl Acetate
Concen: 22.726 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

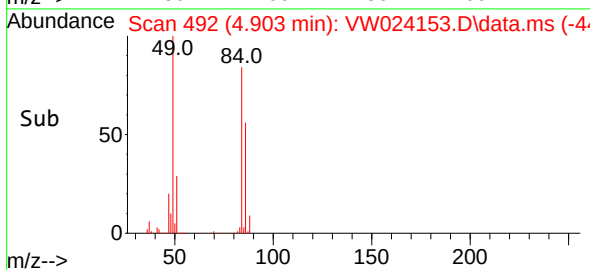
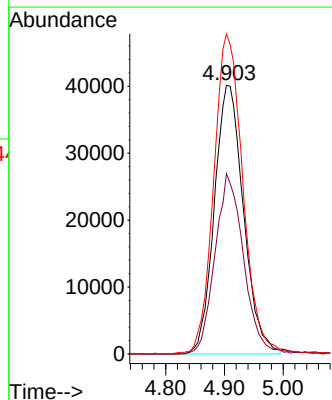
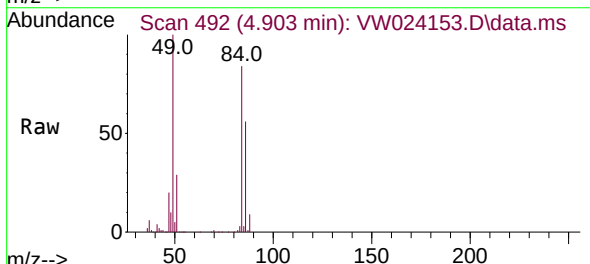
Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

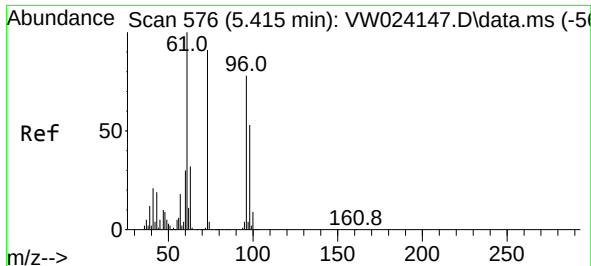
Tgt Ion: 43 Resp: 50926
Ion Ratio Lower Upper
43 100
74 26.1 21.6 32.4



#16
Methylene chloride
Concen: 19.707 ug/L
RT: 4.903 min Scan# 492
Delta R.T. -0.006 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

Tgt Ion: 84 Resp: 138382
Ion Ratio Lower Upper
84 100
86 67.1 44.7 83.1
49 119.1 78.6 146.0





#17

trans-1,2-Dichloroethene

Concen: 21.875 ug/L

RT: 5.415 min Scan# 576

Delta R.T. 0.000 min

Lab File: VW024153.D

Acq: 03 Aug 2022 16:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025489

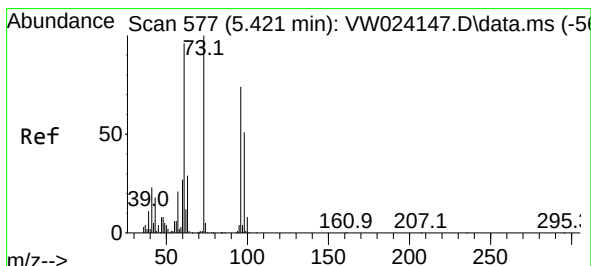
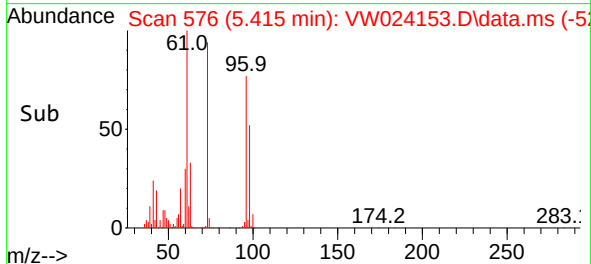
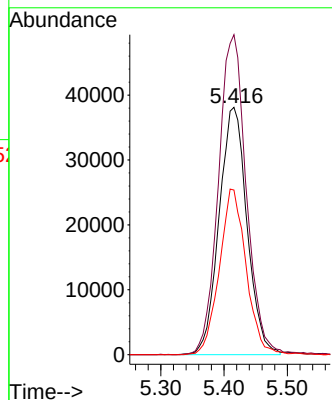
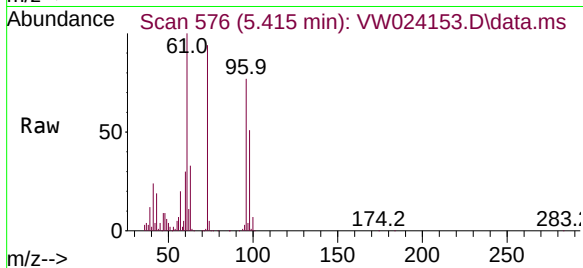
Tgt Ion: 96 Resp: 116836

Ion Ratio Lower Upper

96 100

61 129.4 90.2 167.6

98 66.6 47.4 88.0



#18

Methyl tert-butyl Ether

Concen: 22.718 ug/L

RT: 5.422 min Scan# 577

Delta R.T. 0.000 min

Lab File: VW024153.D

Acq: 03 Aug 2022 16:40

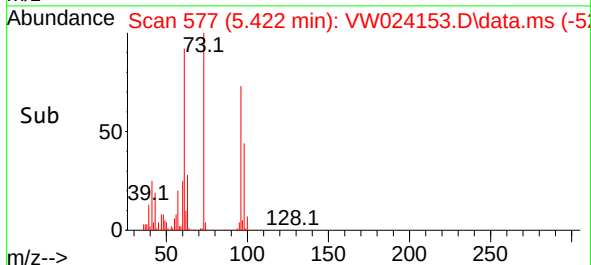
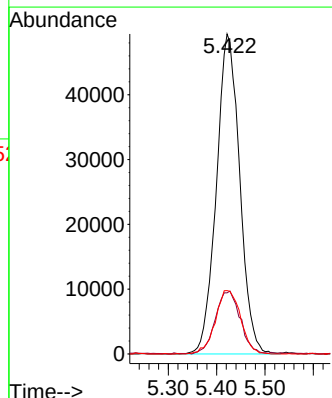
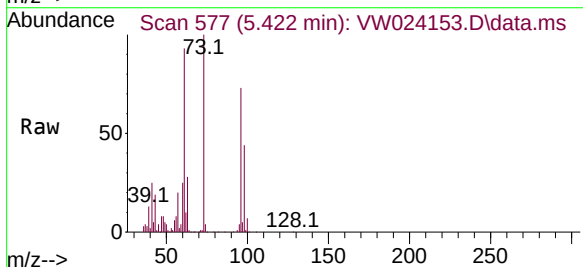
Tgt Ion: 73 Resp: 165363

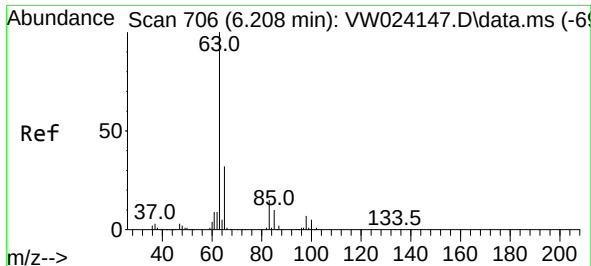
Ion Ratio Lower Upper

73 100

43 21.0 16.6 25.0

57 21.4 16.6 25.0





#19

1,1-Dichloroethane

Concen: 22.016 ug/L

RT: 6.208 min Scan# 706

Delta R.T. 0.000 min

Lab File: VW024153.D

Acq: 03 Aug 2022 16:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025489

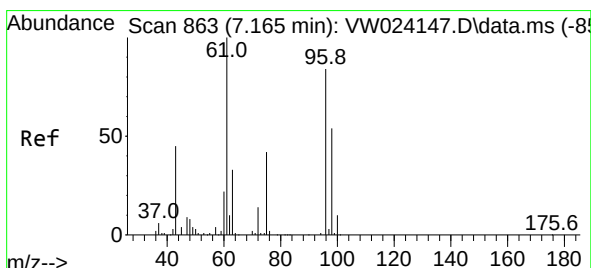
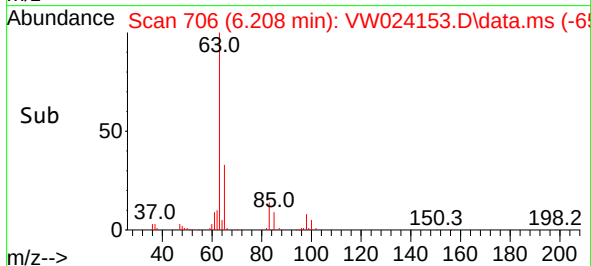
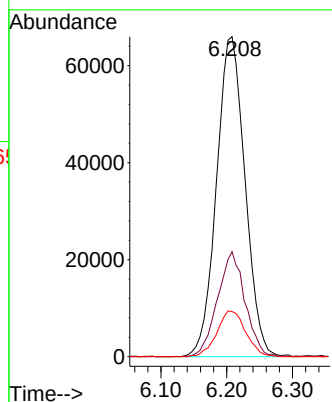
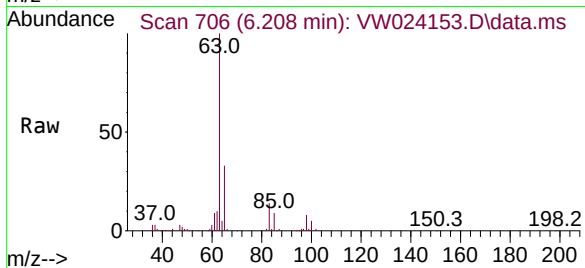
Tgt Ion: 63 Resp: 198865

Ion Ratio Lower Upper

63 100

65 32.8 22.3 41.3

83 14.1 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 22.221 ug/L

RT: 7.159 min Scan# 862

Delta R.T. -0.006 min

Lab File: VW024153.D

Acq: 03 Aug 2022 16:40

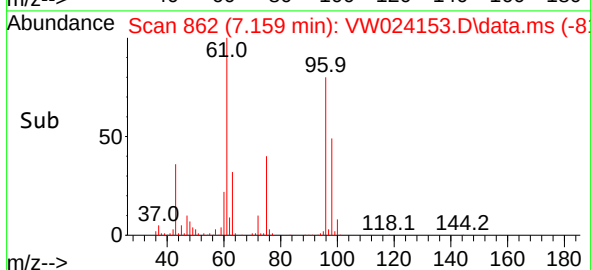
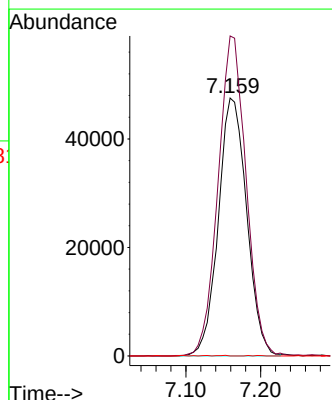
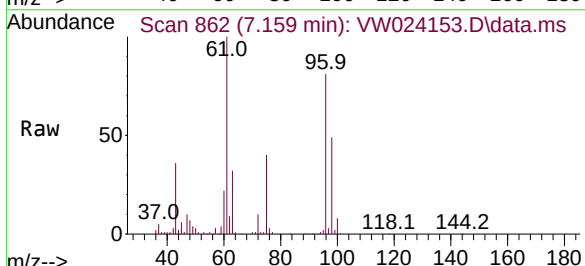
Tgt Ion: 96 Resp: 125426

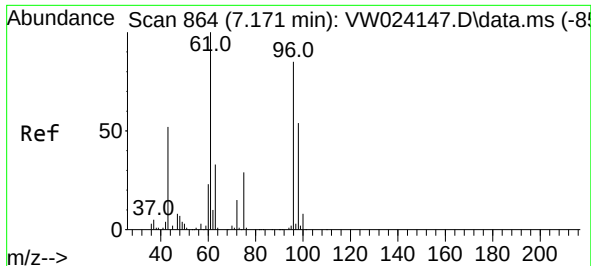
Ion Ratio Lower Upper

96 100

61 124.1 83.9 155.9

68 0.0 0.0 0.0

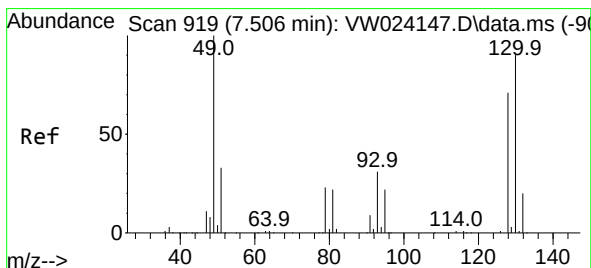
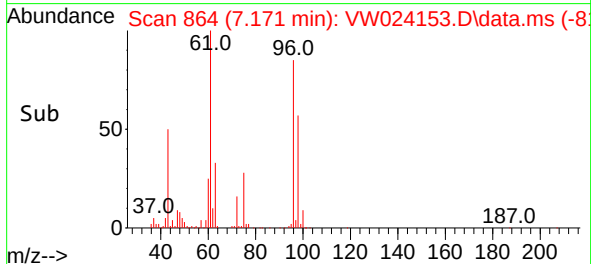
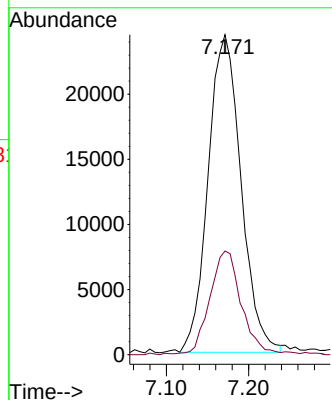
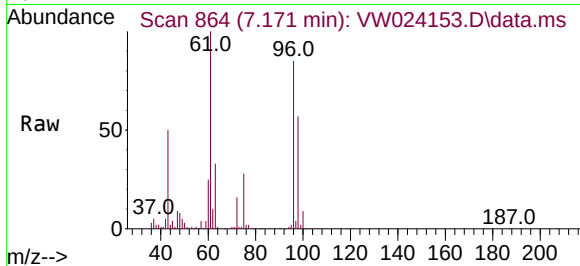




#22
2-Butanone
Concen: 41.625 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

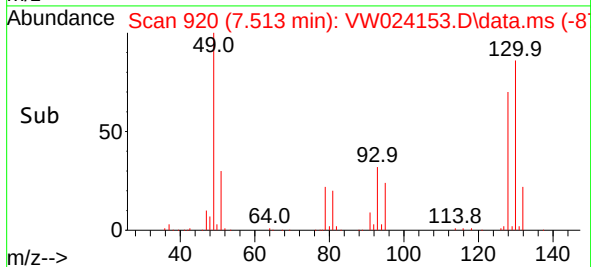
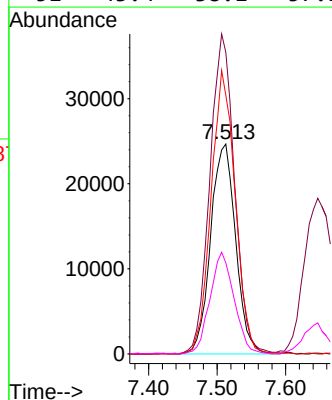
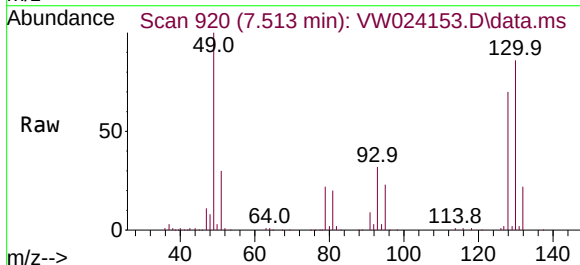
Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

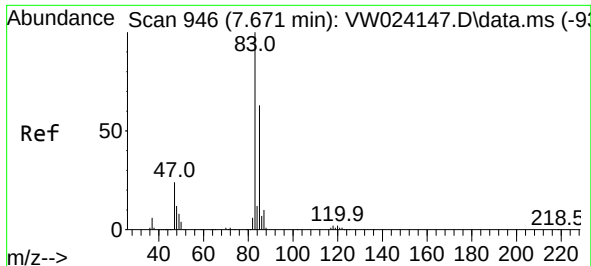
Tgt Ion: 43 Resp: 67752
Ion Ratio Lower Upper
43 100
72 30.5 14.6 43.8



#23
Bromochloromethane
Concen: 22.046 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

Tgt Ion: 128 Resp: 62639
Ion Ratio Lower Upper
128 100
49 143.7 99.0 184.0
130 123.2 89.4 166.0
51 43.4 38.1 57.1

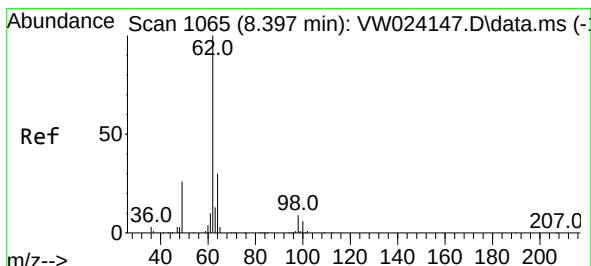
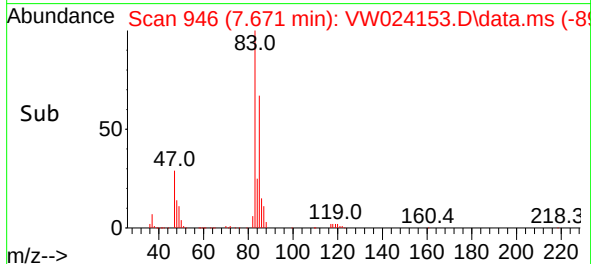
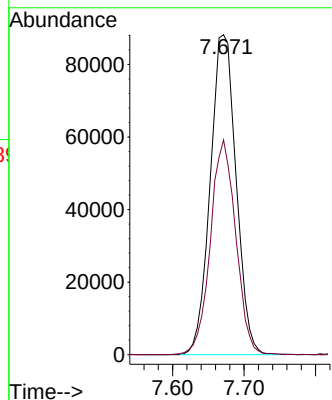
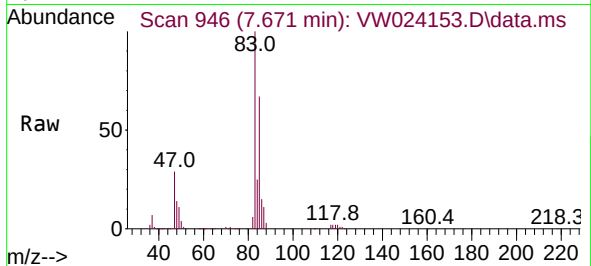




#25
Chloroform
Concen: 22.055 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

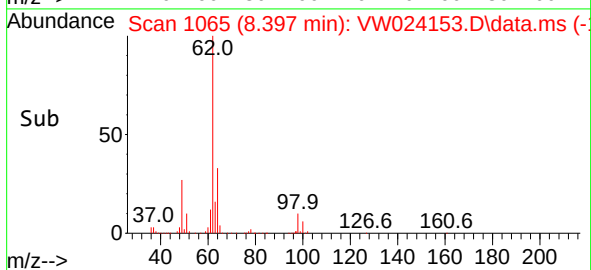
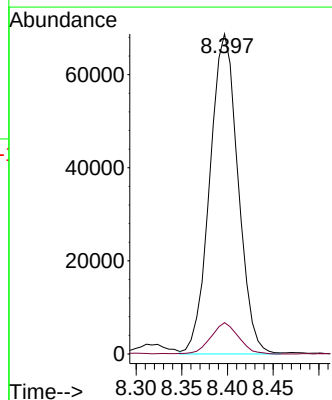
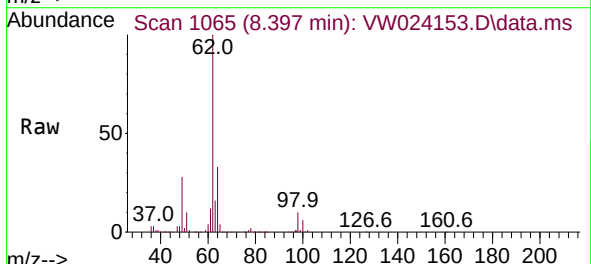
Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

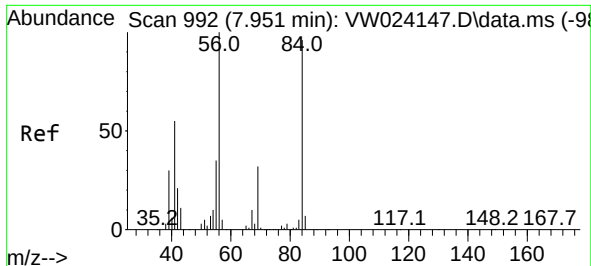
Tgt Ion: 83 Resp: 221876
Ion Ratio Lower Upper
83 100
85 67.1 44.6 82.8



#27
1,2-Dichloroethane
Concen: 22.251 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

Tgt Ion: 62 Resp: 147613
Ion Ratio Lower Upper
62 100
98 9.8 7.4 11.0

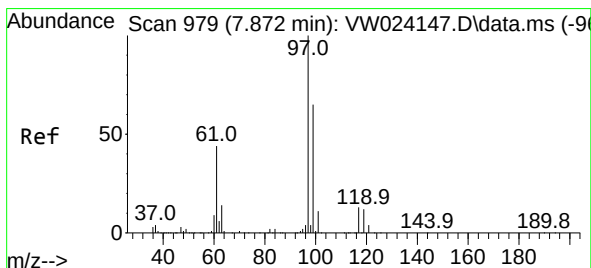
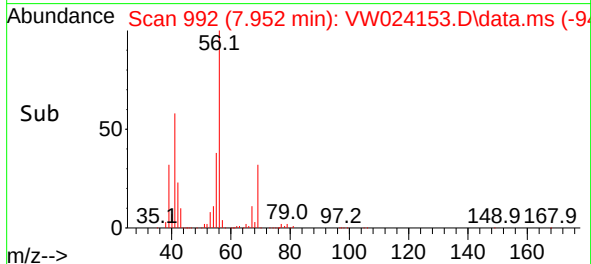
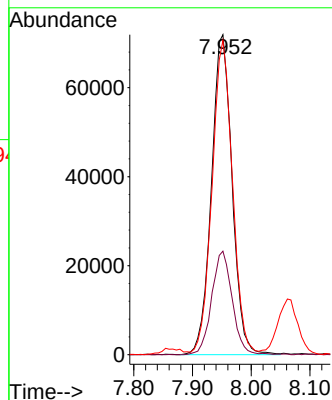
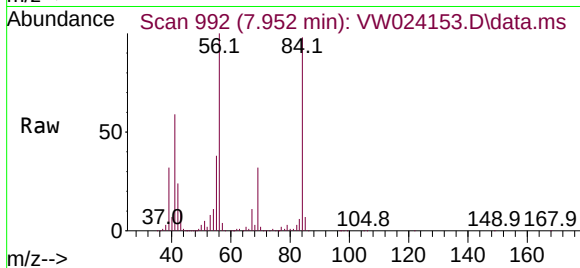




#29
Cyclohexane
Concen: 22.999 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

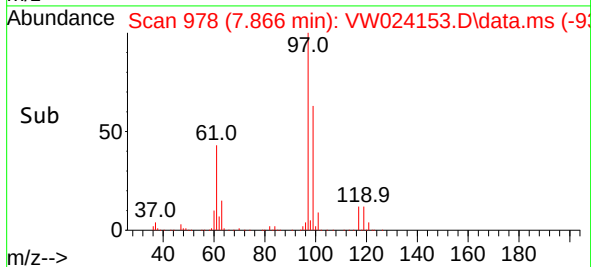
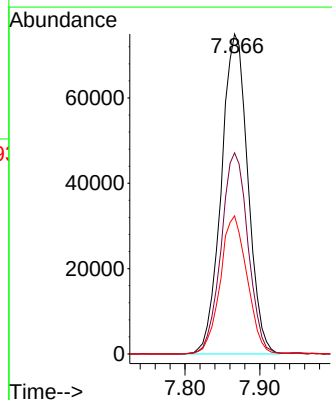
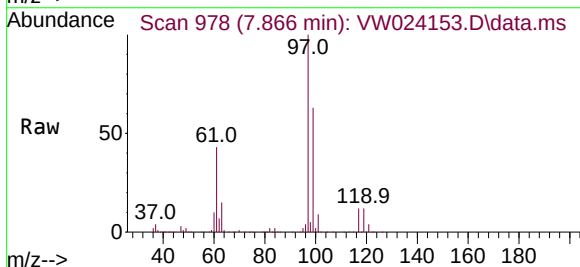
Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

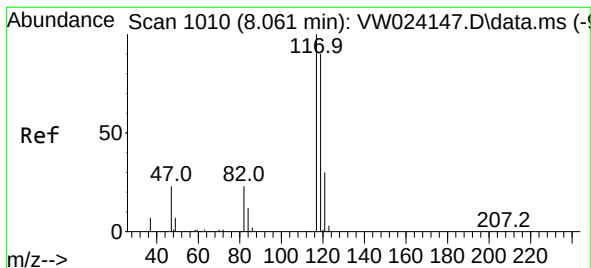
Tgt Ion: 56 Resp: 175857
Ion Ratio Lower Upper
56 100
69 31.9 25.1 37.7
84 97.1 77.4 116.2



#30
1,1,1-Trichloroethane
Concen: 21.009 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

Tgt Ion: 97 Resp: 185440
Ion Ratio Lower Upper
97 100
99 63.6 50.9 76.3
61 43.6 35.0 52.6

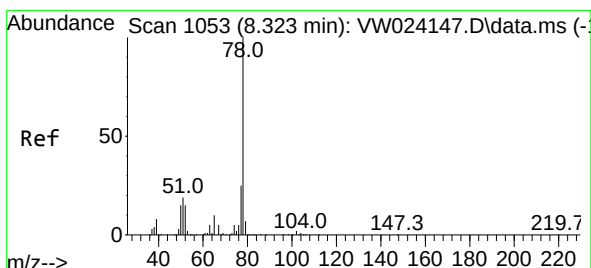
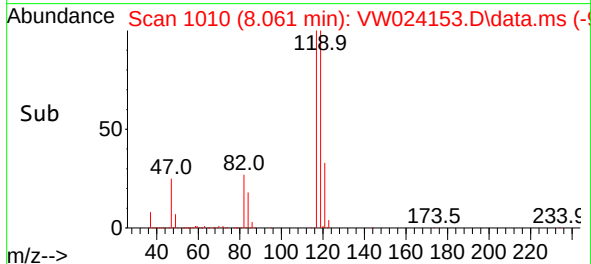
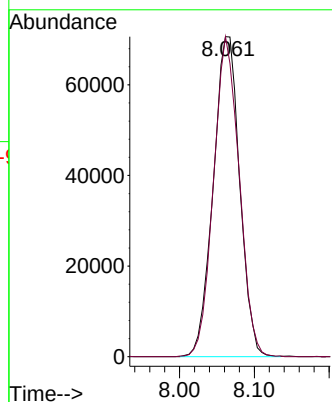
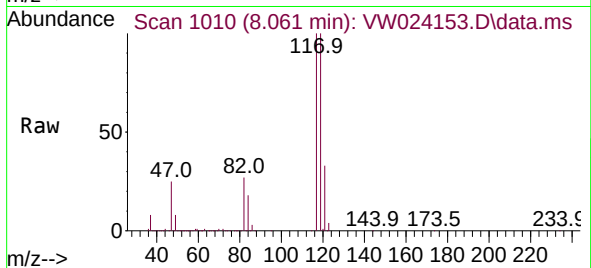




#31
Carbon tetrachloride
Concen: 20.999 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

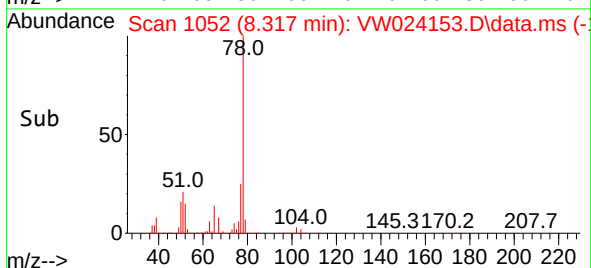
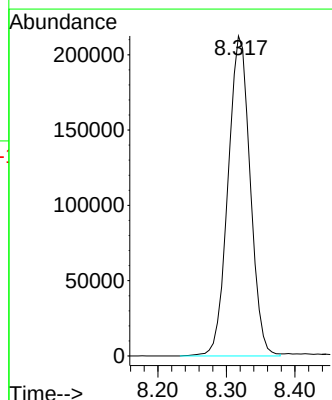
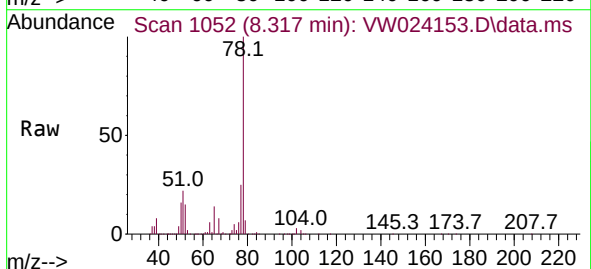
Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

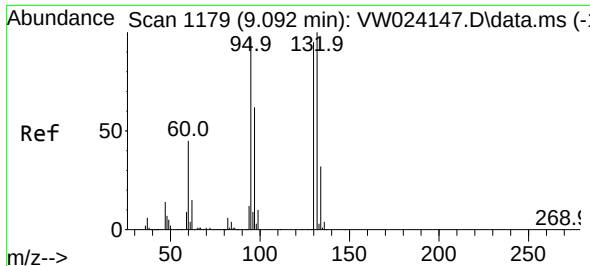
Tgt Ion:117 Resp: 173710
Ion Ratio Lower Upper
117 100
119 97.3 77.3 115.9



#33
Benzene
Concen: 21.318 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

Tgt Ion: 78 Resp: 477883

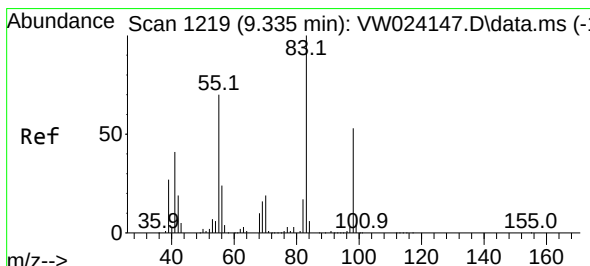
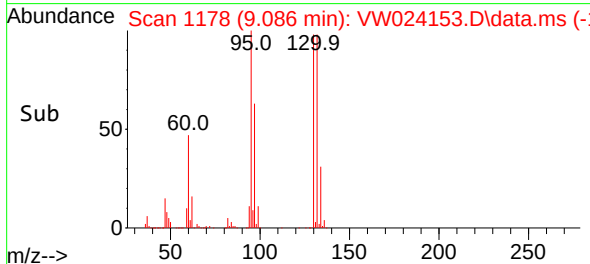
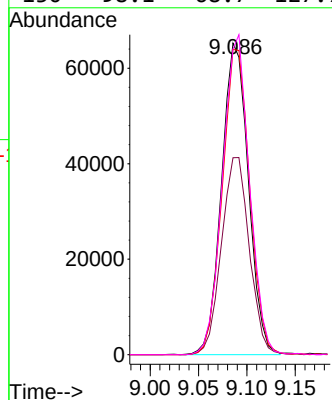
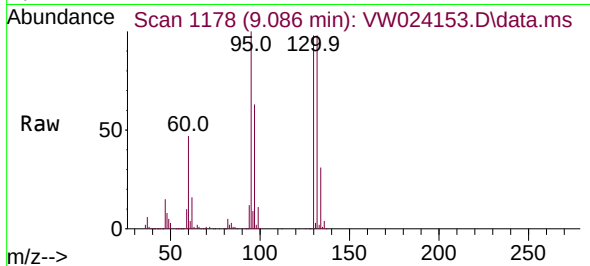




#34
Trichloroethene
Concen: 20.998 ug/L
RT: 9.086 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

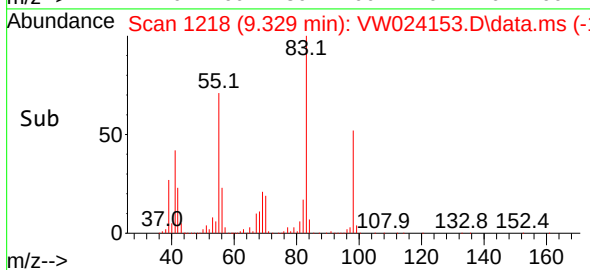
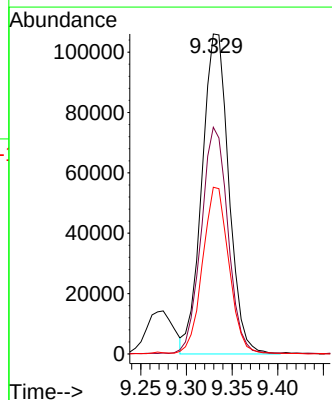
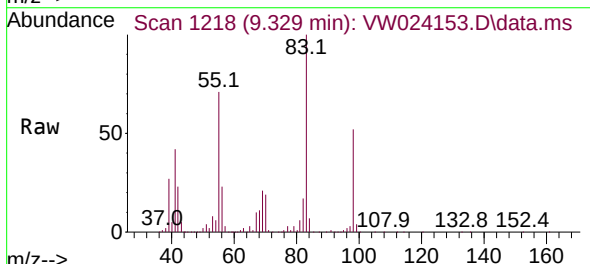
Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

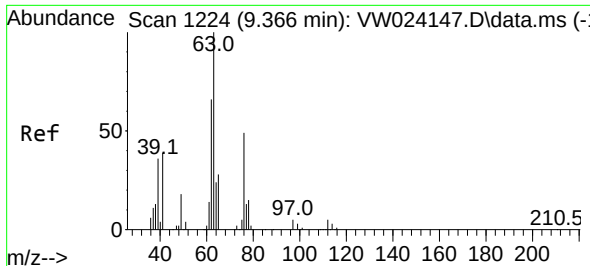
Tgt Ion:	95	Resp:	125994
Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.9	83.3
132	98.0	72.4	134.5
130	98.1	68.7	127.7



#35
Methylcyclohexane
Concen: 22.852 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

Tgt Ion:	83	Resp:	216603
Ion	Ratio	Lower	Upper
83	100		
55	70.2	56.7	85.1
98	50.7	40.8	61.2





#37

1,2-Dichloropropane

Concen: 21.971 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024153.D

Acq: 03 Aug 2022 16:40

Instrument :

MSVOA_W

ClientSampleId :

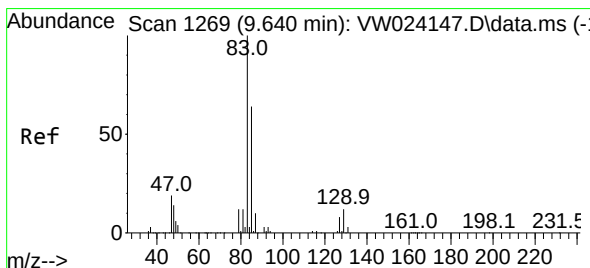
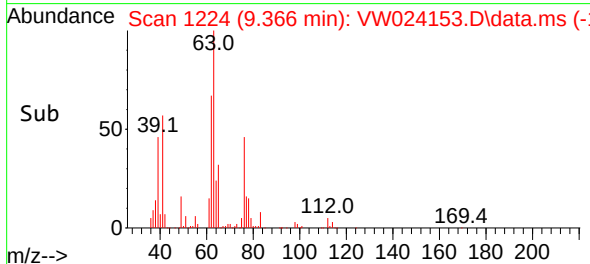
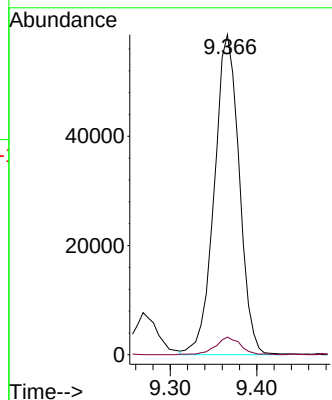
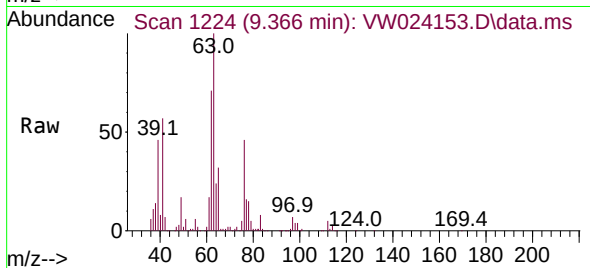
VSTD025489

Tgt Ion: 63 Resp: 117191

Ion Ratio Lower Upper

63 100

112 5.4 4.0 6.0



#38

Bromodichloromethane

Concen: 21.537 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024153.D

Acq: 03 Aug 2022 16:40

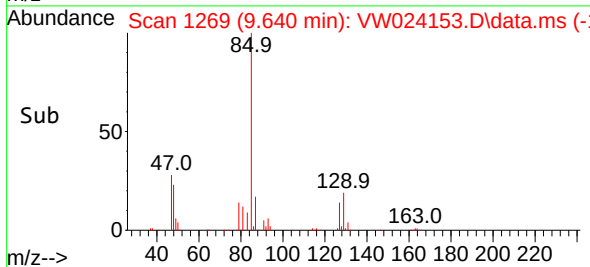
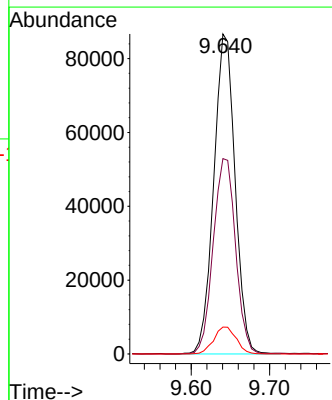
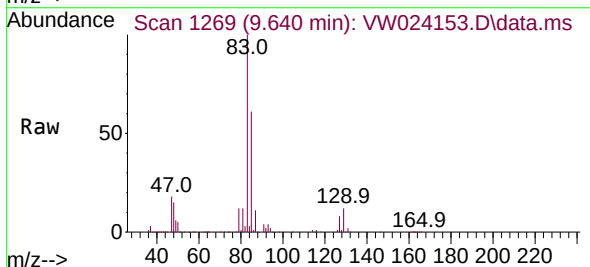
Tgt Ion: 83 Resp: 164164

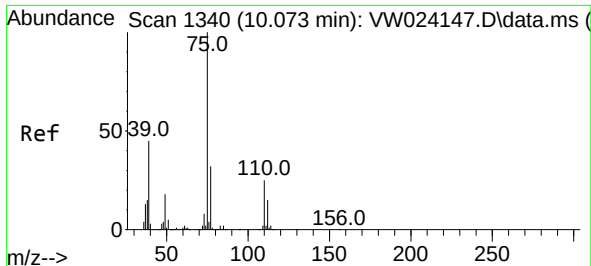
Ion Ratio Lower Upper

83 100

85 61.0 44.7 83.1

127 8.4 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 22.428 ug/L

RT: 10.067 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW024153.D

Acq: 03 Aug 2022 16:40

Instrument :

MSVOA_W

ClientSampleId :

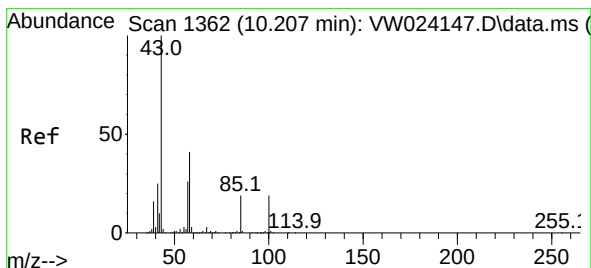
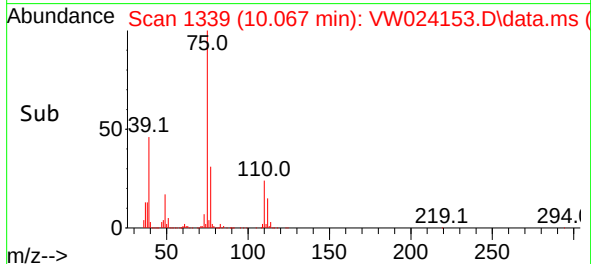
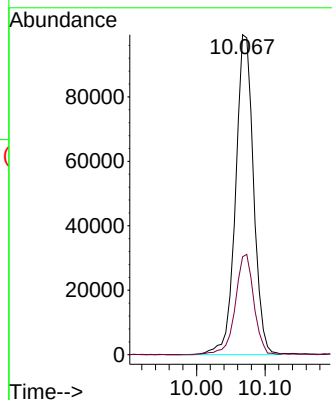
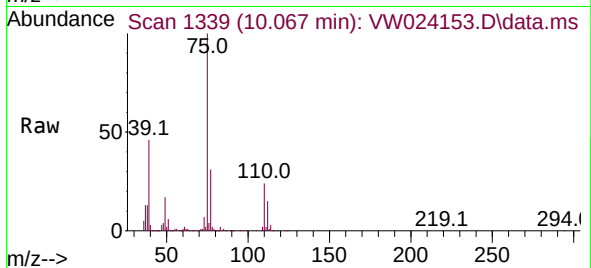
VSTD025489

Tgt Ion: 75 Resp: 180945

Ion Ratio Lower Upper

75 100

77 30.6 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 46.409 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024153.D

Acq: 03 Aug 2022 16:40

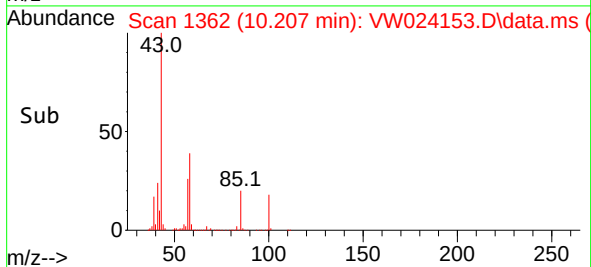
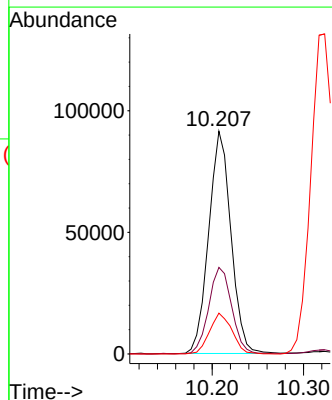
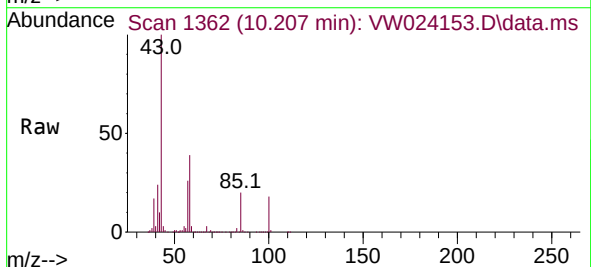
Tgt Ion: 43 Resp: 155049

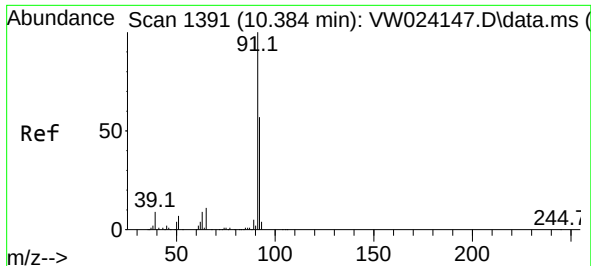
Ion Ratio Lower Upper

43 100

58 40.2 31.9 47.9

100 18.5 14.4 21.6

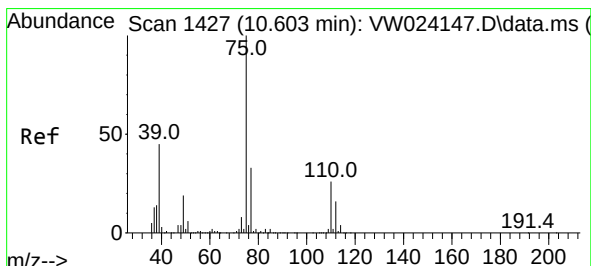
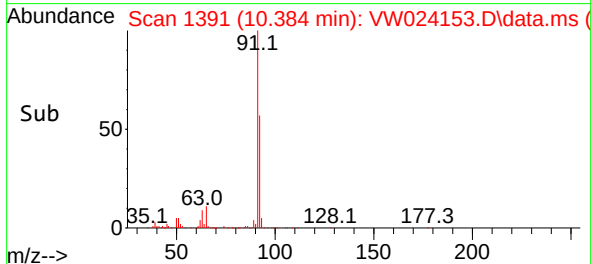
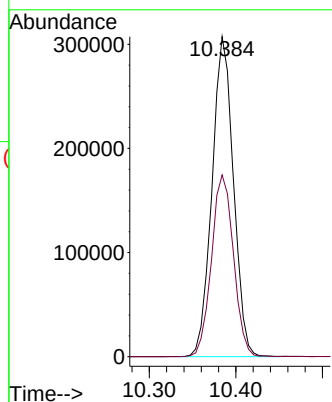
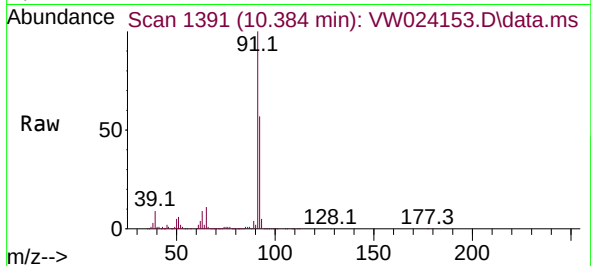




#42
Toluene
Concen: 22.067 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

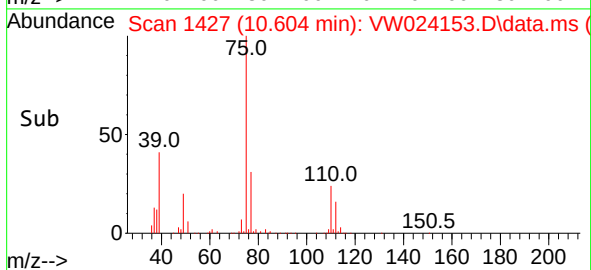
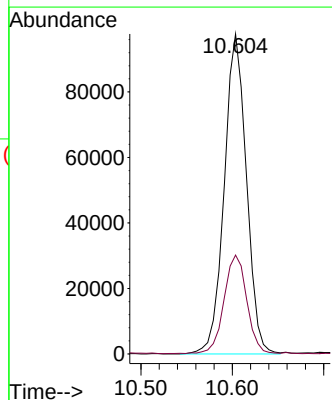
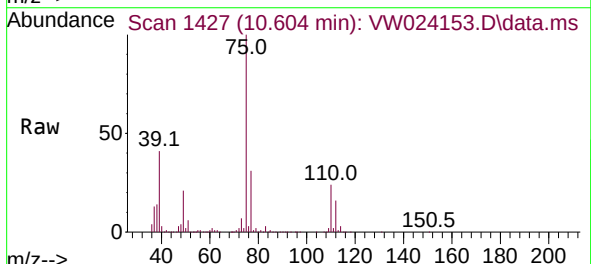
Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

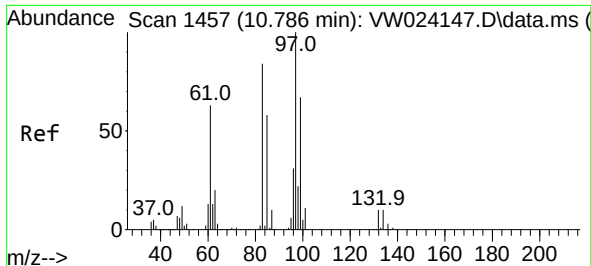
Tgt Ion: 91 Resp: 528225
Ion Ratio Lower Upper
91 100
92 56.8 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 22.336 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

Tgt Ion: 75 Resp: 164875
Ion Ratio Lower Upper
75 100
77 30.9 23.4 43.4

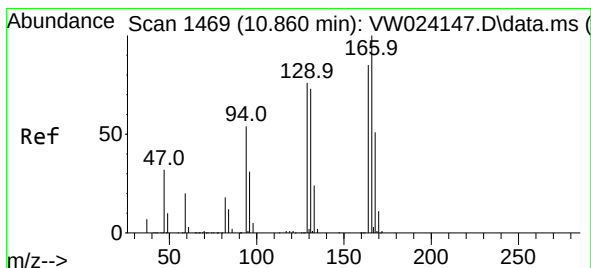
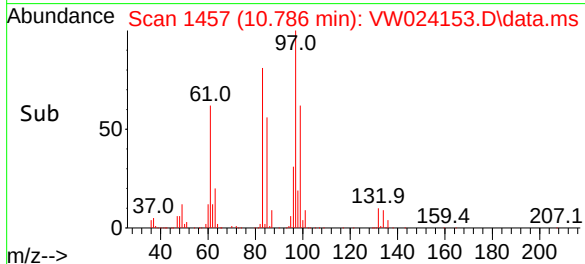
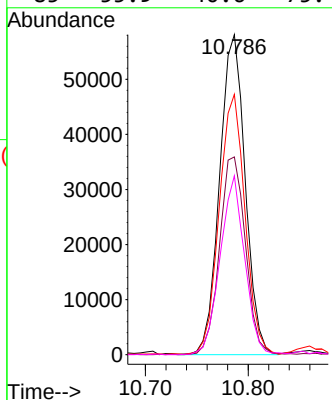
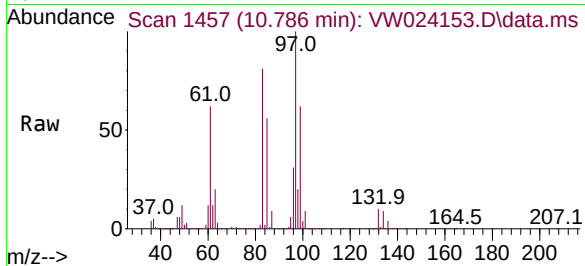




#45
1,1,2-Trichloroethane
Concen: 22.027 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

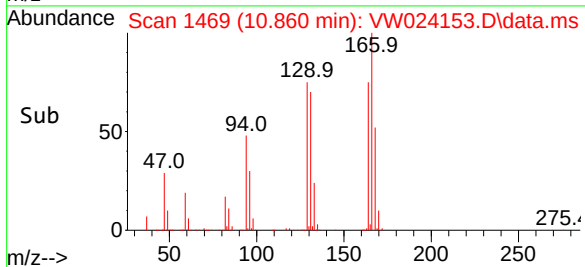
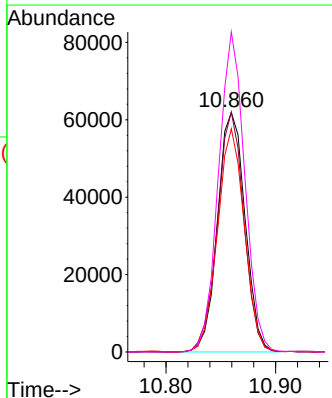
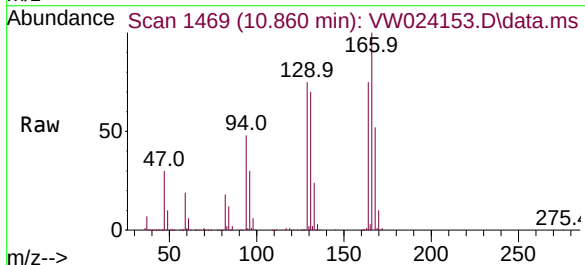
Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

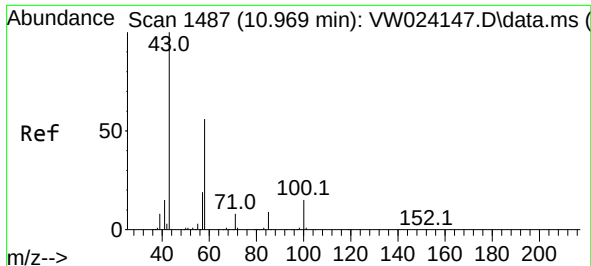
Tgt Ion:	97	Resp:	100427
Ion	Ratio	Lower	Upper
97	100		
99	61.8	46.5	86.5
83	81.3	58.6	108.8
85	55.9	40.6	75.4



#46
Tetrachloroethene
Concen: 21.330 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

Tgt Ion:	164	Resp:	107843
Ion	Ratio	Lower	Upper
164	100		
129	100.2	62.4	115.8
131	93.2	60.3	111.9
166	133.6	82.0	152.4

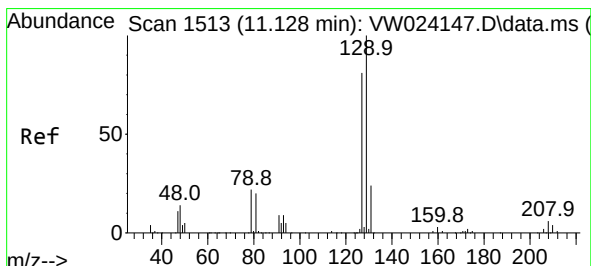
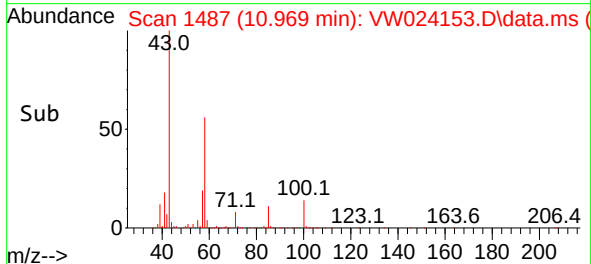
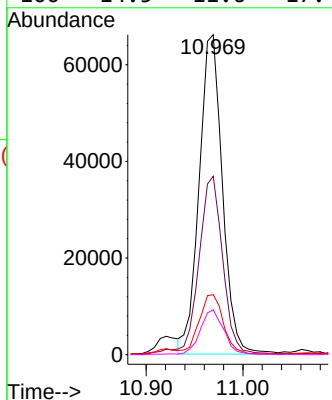
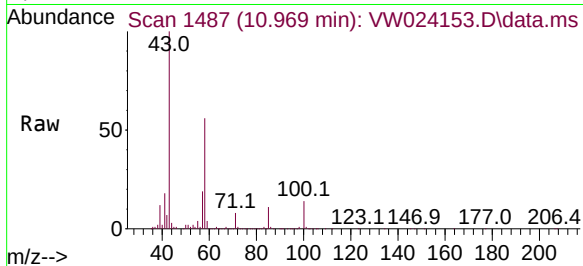




#48
2-Hexanone
Concen: 48.133 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

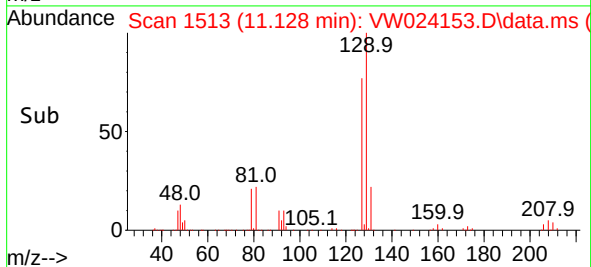
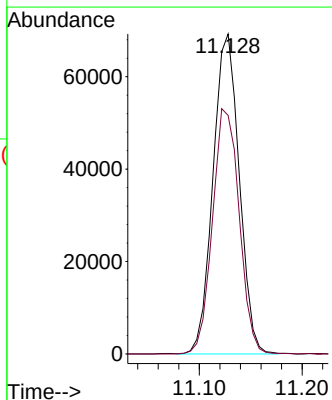
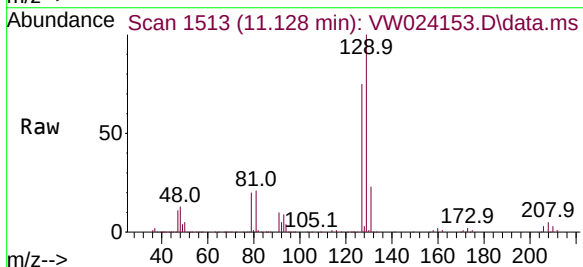
Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

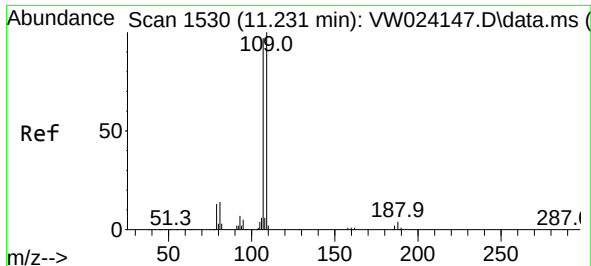
Tgt Ion: 43 Resp: 110921
Ion Ratio Lower Upper
43 100
58 55.9 44.7 67.1
57 19.5 16.2 24.2
100 14.5 11.6 17.4



#49
Dibromochloromethane
Concen: 22.067 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

Tgt Ion: 129 Resp: 122644
Ion Ratio Lower Upper
129 100
127 74.5 56.5 104.9





#50

1,2-Dibromoethane

Concen: 21.833 ug/L

RT: 11.232 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW024153.D

Acq: 03 Aug 2022 16:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025489

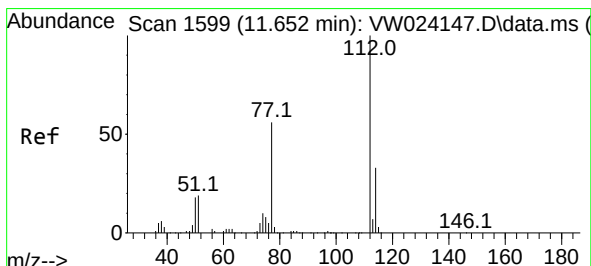
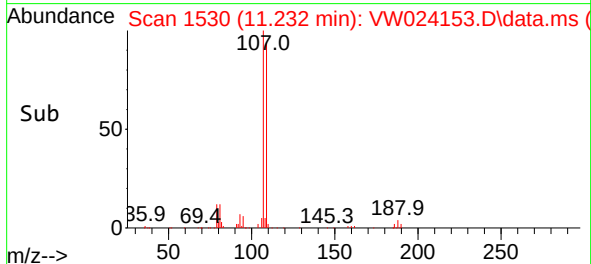
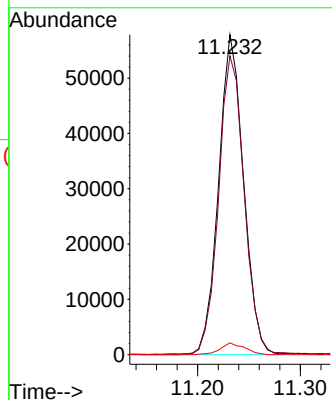
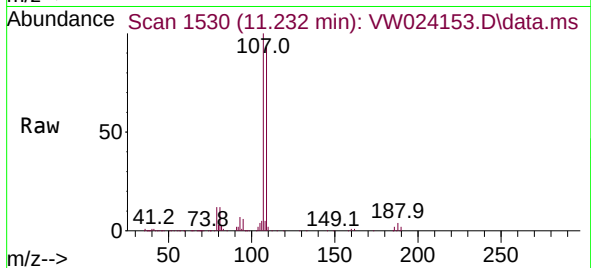
Tgt Ion:107 Resp: 97656

Ion Ratio Lower Upper

107 100

109 93.4 72.1 133.9

188 3.7 3.0 4.4



#51

Chlorobenzene

Concen: 21.873 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VW024153.D

Acq: 03 Aug 2022 16:40

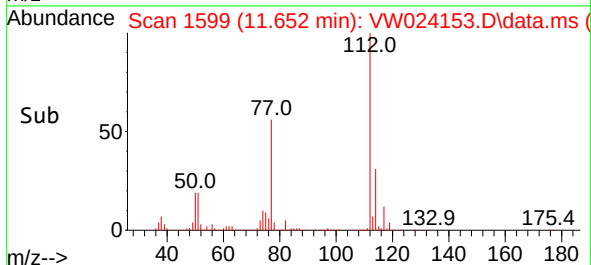
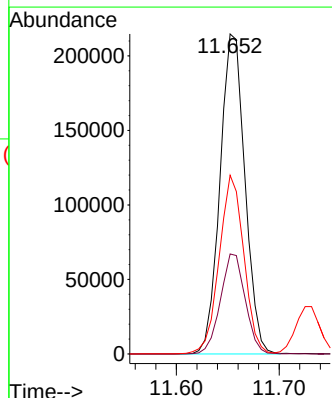
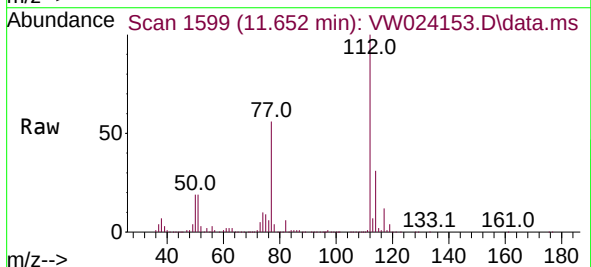
Tgt Ion:112 Resp: 362083

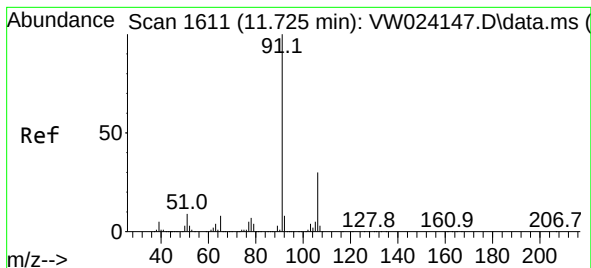
Ion Ratio Lower Upper

112 100

114 31.3 23.4 43.4

77 55.8 45.0 67.6

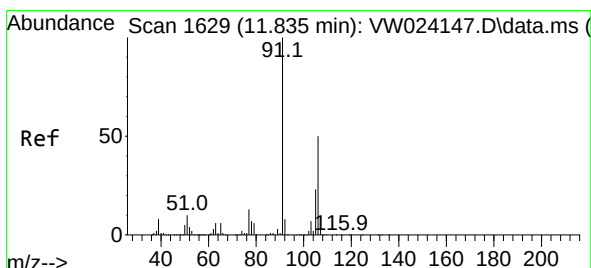
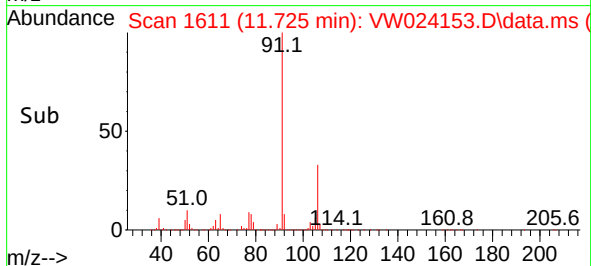
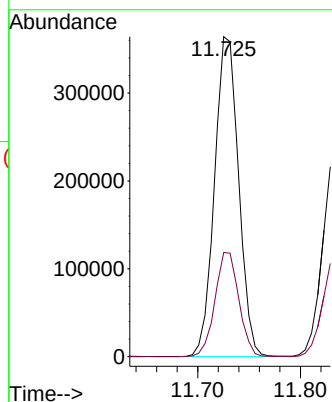
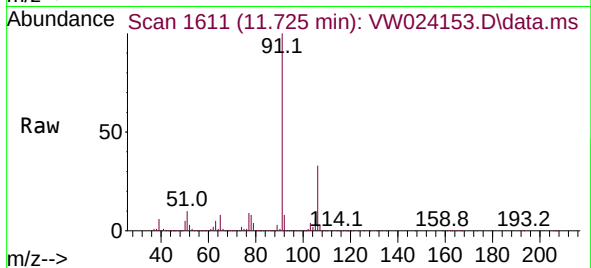




#52
Ethylbenzene
Concen: 22.572 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

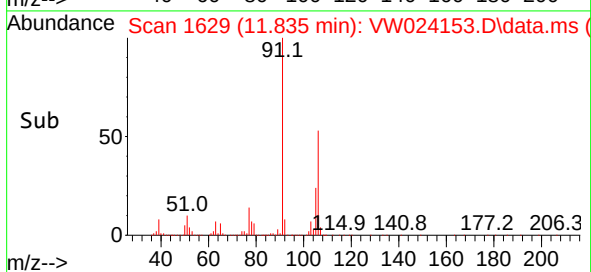
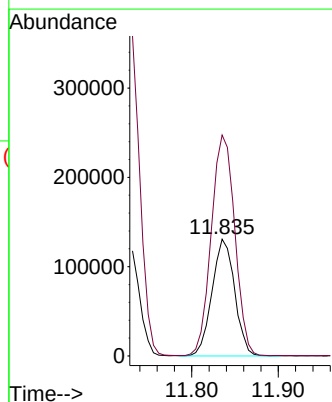
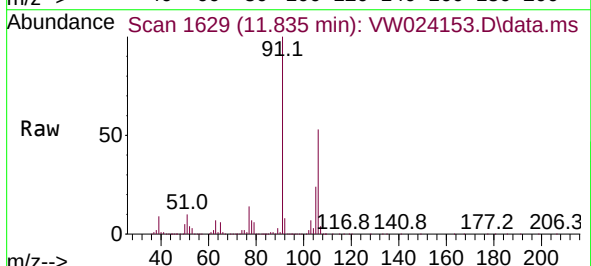
Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

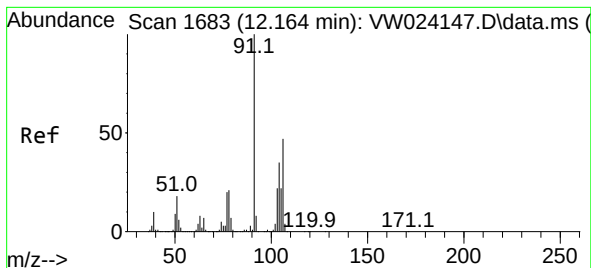
Tgt Ion: 91 Resp: 592068
Ion Ratio Lower Upper
91 100
106 32.5 20.7 38.5



#53
m,p-Xylene
Concen: 23.599 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

Tgt Ion: 106 Resp: 237680
Ion Ratio Lower Upper
106 100
91 189.3 139.0 258.2





#54

o-Xylene

Concen: 23.846 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024153.D

Acq: 03 Aug 2022 16:40

Instrument :

MSVOA_W

ClientSampleId :

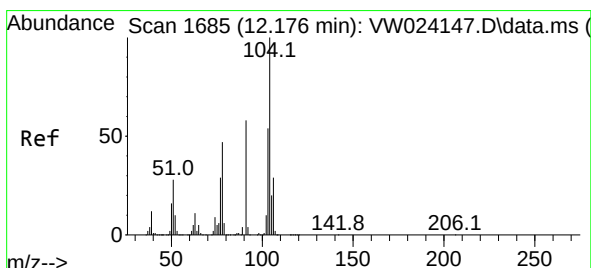
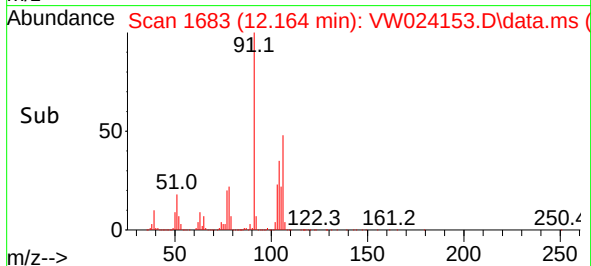
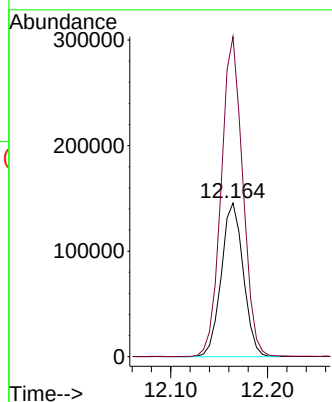
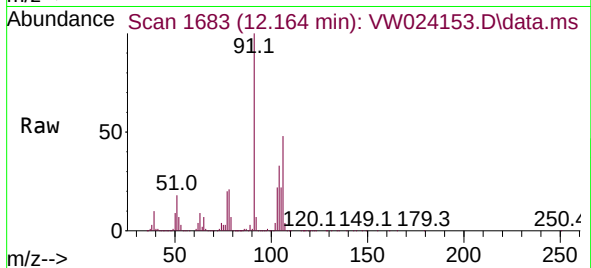
VSTD025489

Tgt Ion:106 Resp: 229637

Ion Ratio Lower Upper

106 100

91 208.3 148.7 276.3



#55

Styrene

Concen: 23.587 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024153.D

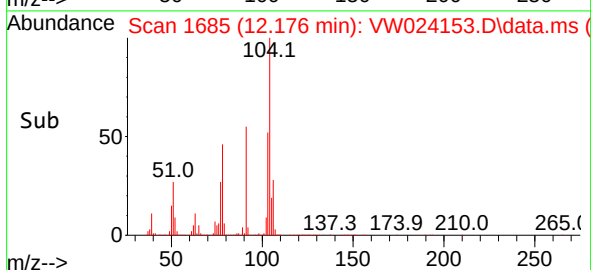
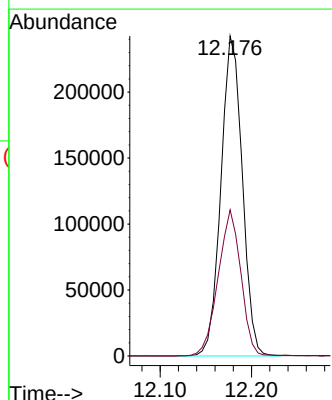
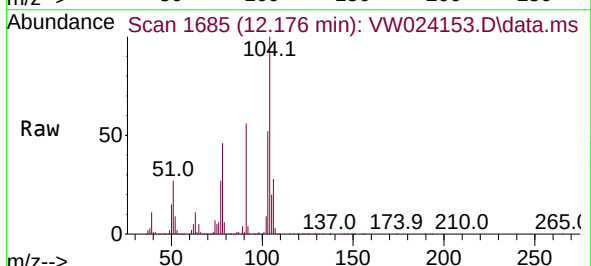
Acq: 03 Aug 2022 16:40

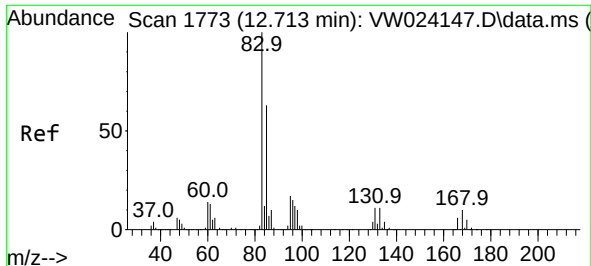
Tgt Ion:104 Resp: 394309

Ion Ratio Lower Upper

104 100

78 45.7 33.1 61.5





#57

1,1,2-Tetrachloroethane

Concen: 22.648 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024153.D

Acq: 03 Aug 2022 16:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025489

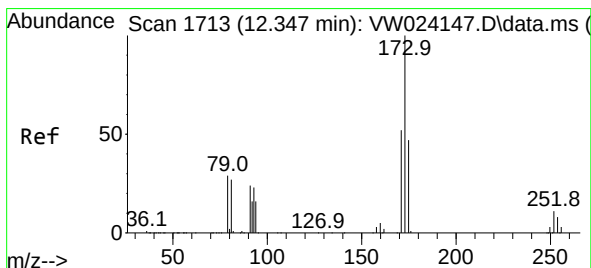
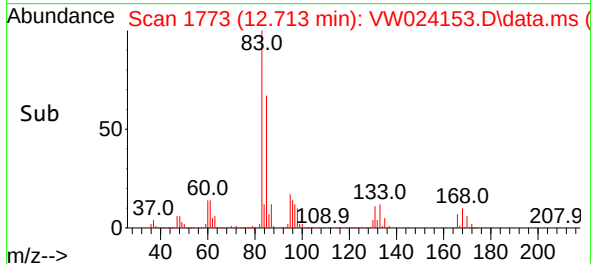
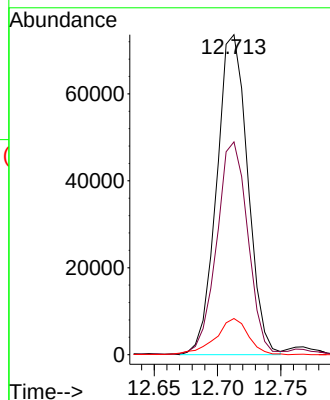
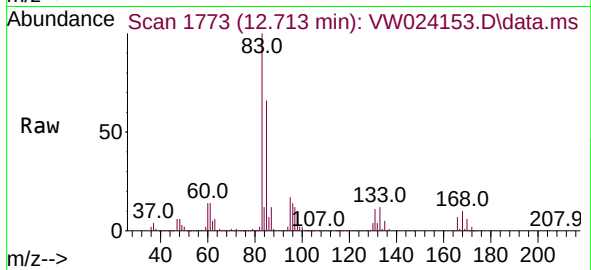
Tgt Ion: 83 Resp: 125657

Ion Ratio Lower Upper

83 100

85 66.5 44.0 81.8

131 11.3 8.6 12.8



#59

Bromoform

Concen: 21.438 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024153.D

Acq: 03 Aug 2022 16:40

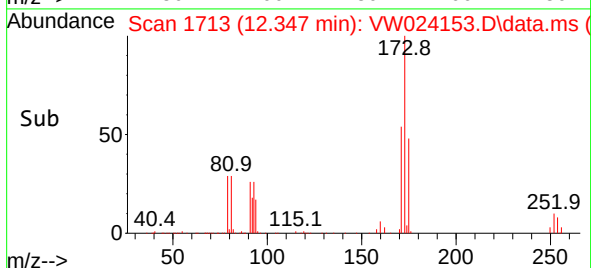
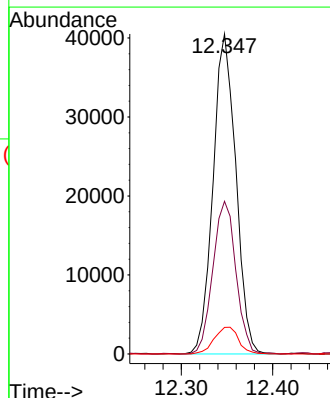
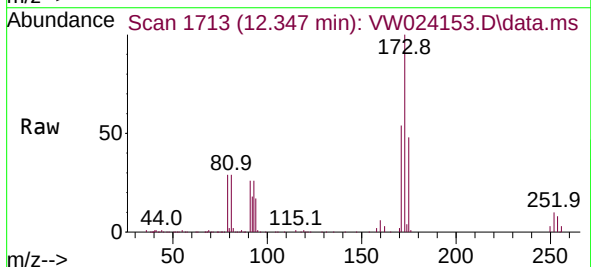
Tgt Ion: 173 Resp: 70165

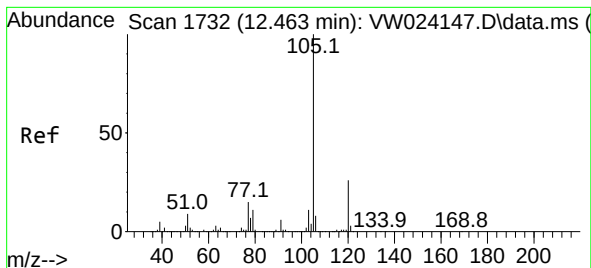
Ion Ratio Lower Upper

173 100

175 48.2 39.0 58.4

254 8.9 7.2 10.8

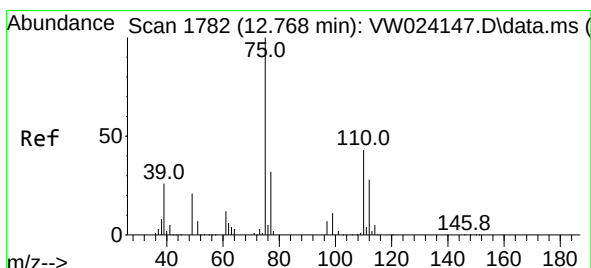
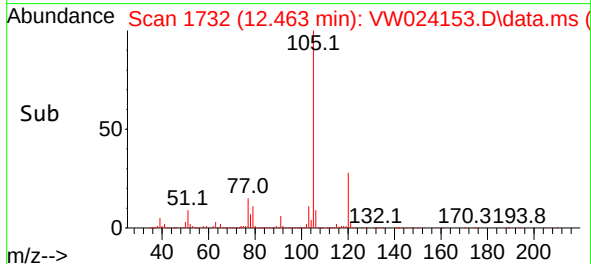
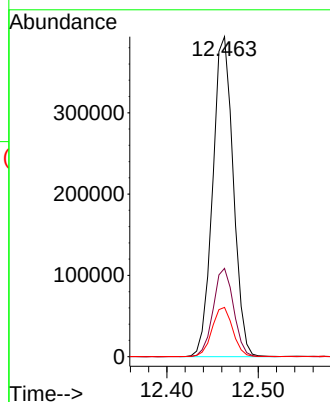
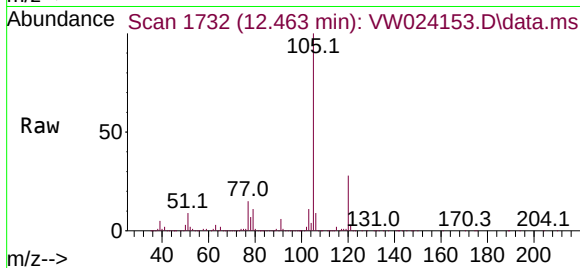




#60
Isopropylbenzene
Concen: 23.178 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

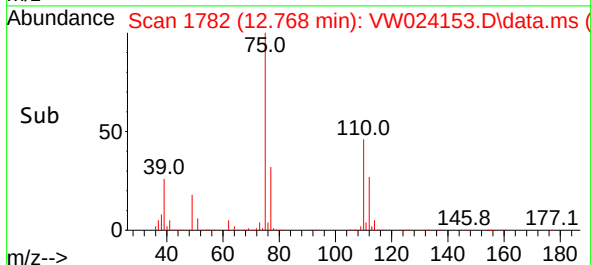
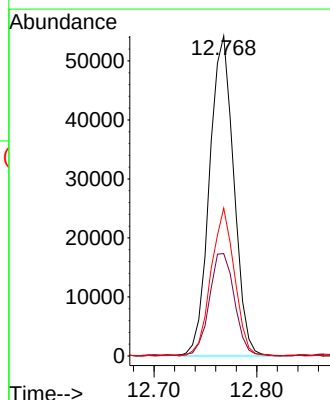
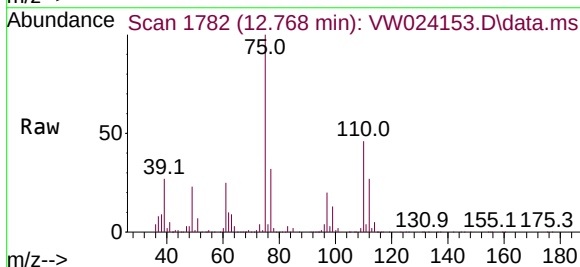
Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

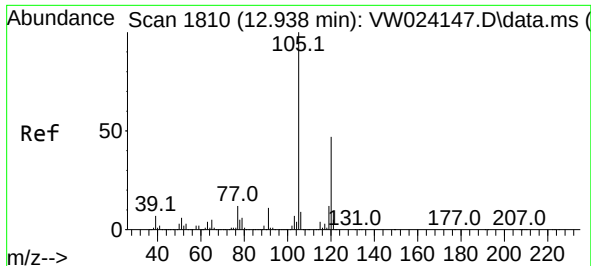
Tgt Ion:105 Resp: 614149
Ion Ratio Lower Upper
105 100
120 27.5 21.2 31.8
77 15.4 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 21.256 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

Tgt Ion: 75 Resp: 88947
Ion Ratio Lower Upper
75 100
77 32.8 25.7 38.5
110 44.7 34.7 52.1

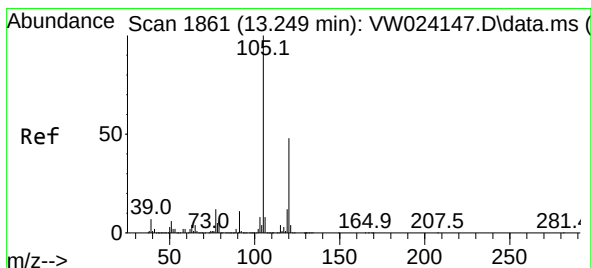
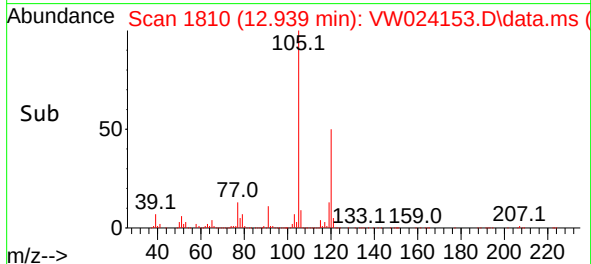
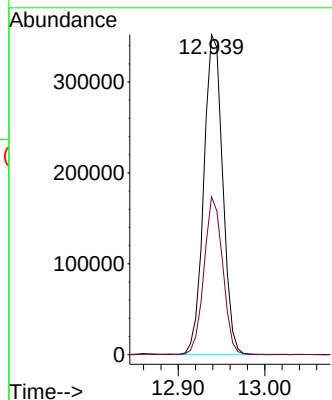
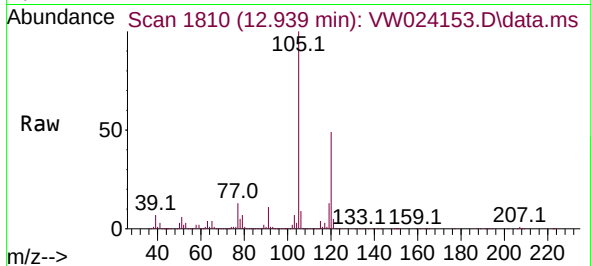




#62
1,3,5-Trimethylbenzene
Concen: 24.557 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

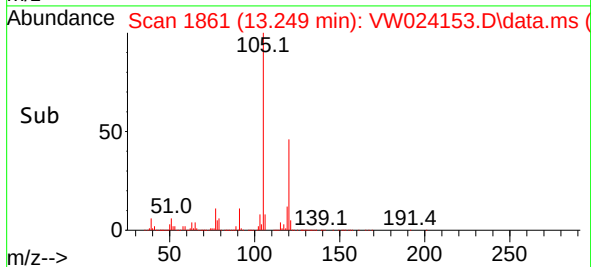
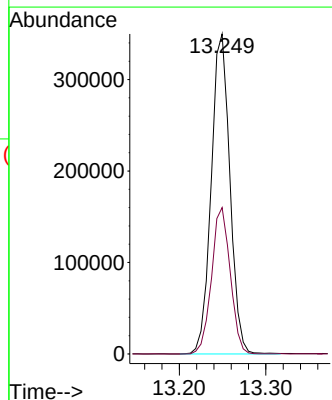
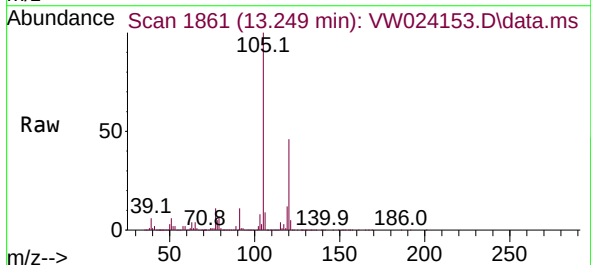
Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

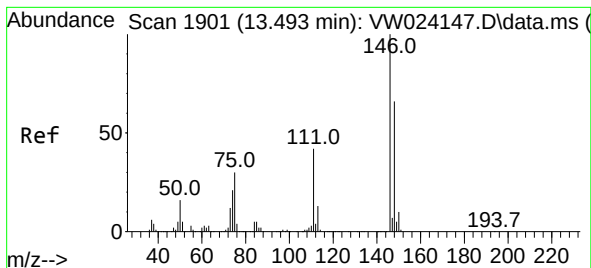
Tgt Ion:105 Resp: 532806
Ion Ratio Lower Upper
105 100
120 48.8 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 24.479 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

Tgt Ion:105 Resp: 523894
Ion Ratio Lower Upper
105 100
120 45.8 38.5 57.7





#64

1,3-Dichlorobenzene

Concen: 22.032 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VW024153.D

Acq: 03 Aug 2022 16:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025489

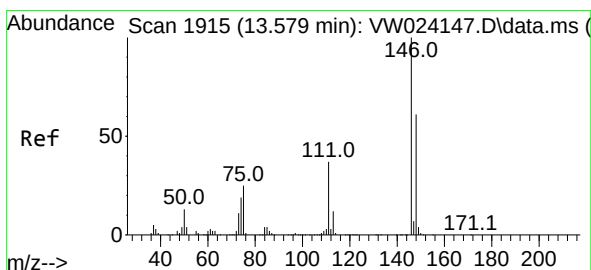
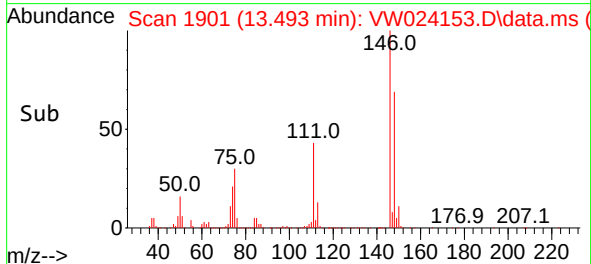
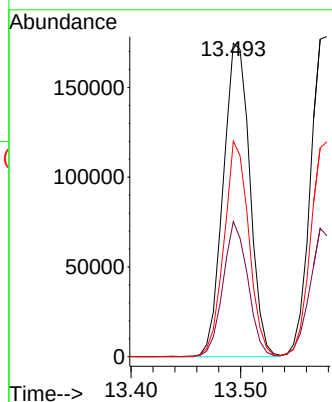
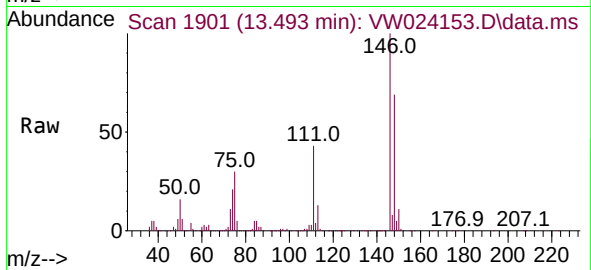
Tgt Ion:146 Resp: 294669

Ion Ratio Lower Upper

146 100

111 43.1 29.3 54.5

148 68.8 46.0 85.4



#65

1,4-Dichlorobenzene

Concen: 21.583 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW024153.D

Acq: 03 Aug 2022 16:40

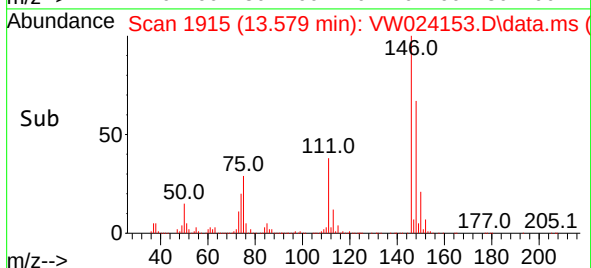
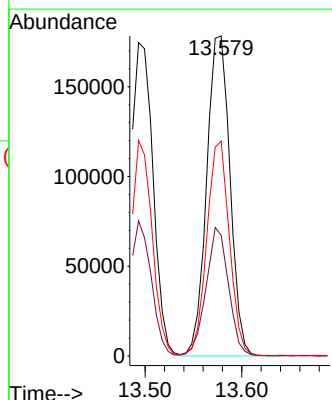
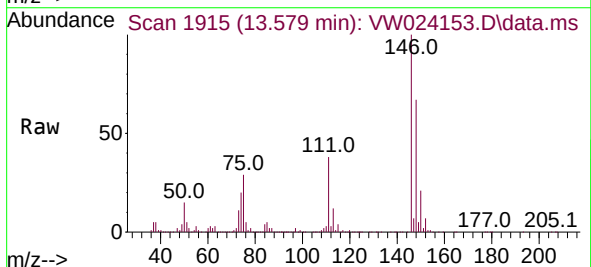
Tgt Ion:146 Resp: 299460

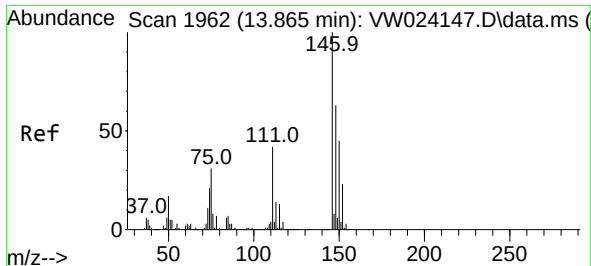
Ion Ratio Lower Upper

146 100

111 37.8 26.2 48.6

148 67.1 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 21.740 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024153.D

Acq: 03 Aug 2022 16:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025489

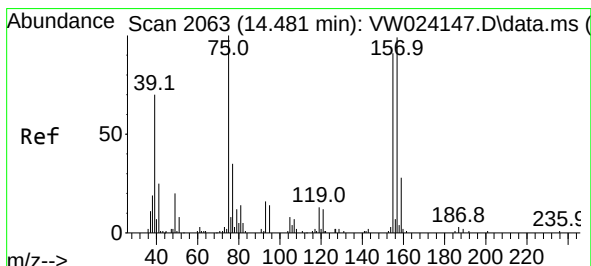
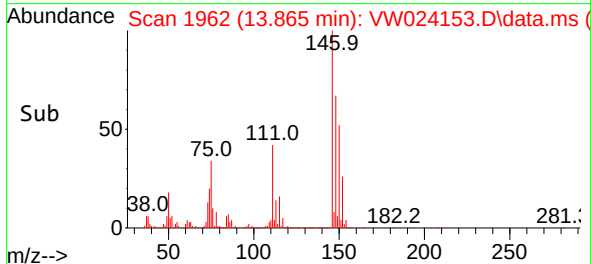
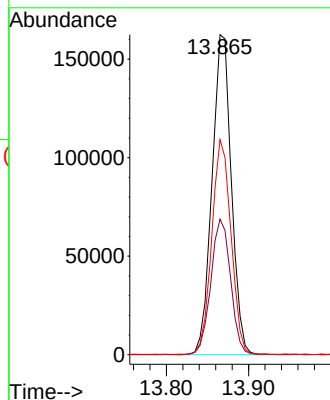
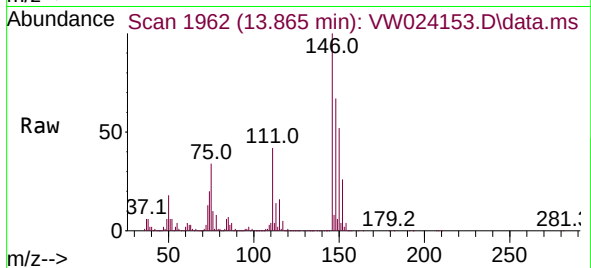
Tgt Ion:146 Resp: 265195

Ion Ratio Lower Upper

146 100

111 42.3 33.7 50.5

148 67.2 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 22.186 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024153.D

Acq: 03 Aug 2022 16:40

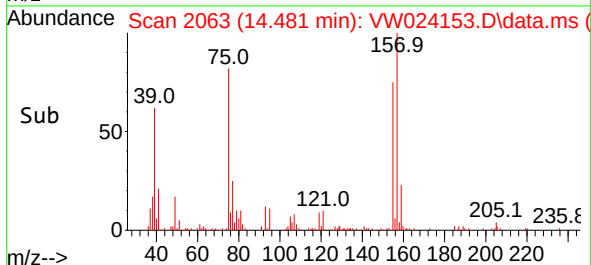
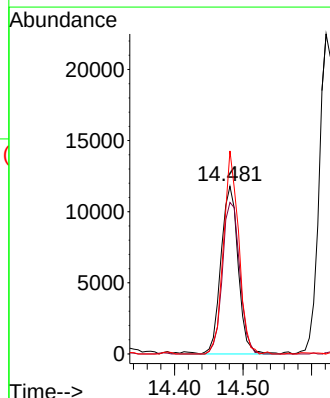
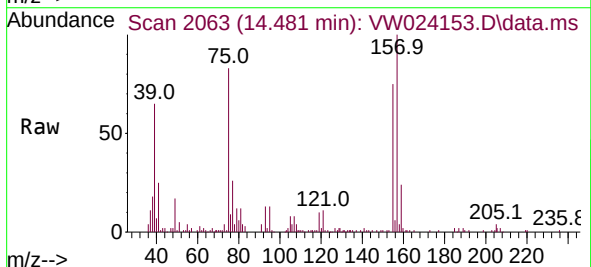
Tgt Ion: 75 Resp: 20601

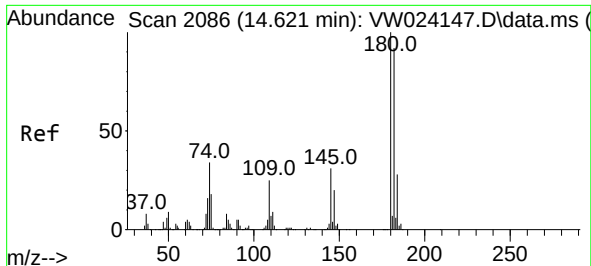
Ion Ratio Lower Upper

75 100

155 90.4 72.6 109.0

157 121.2 79.1 118.7#





#69

1,3,5-Trichlorobenzene

Concen: 23.060 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW024153.D

Acq: 03 Aug 2022 16:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025489

Tgt Ion:180 Resp: 204898

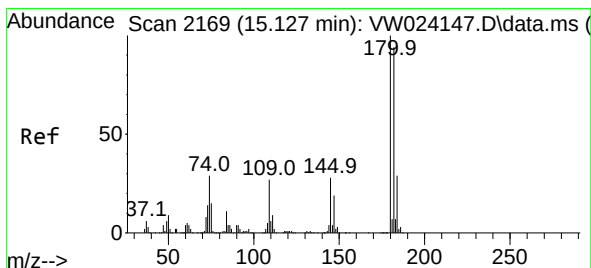
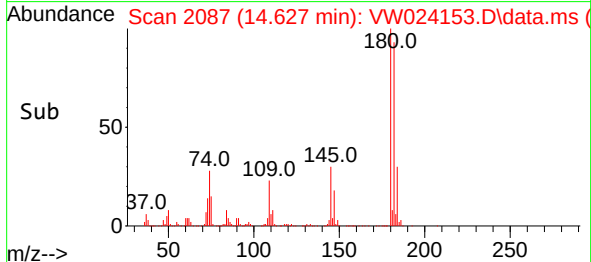
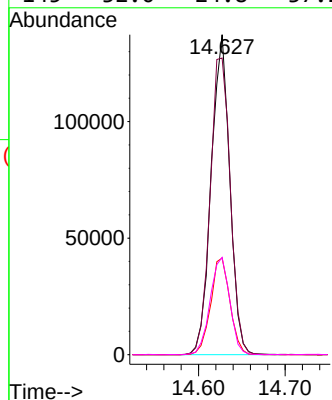
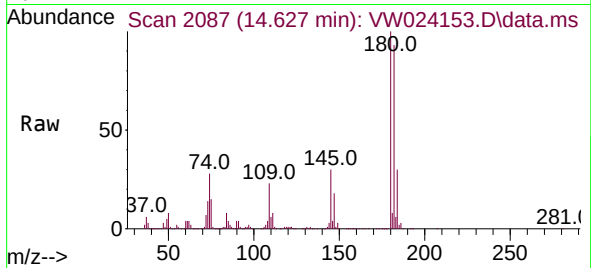
Ion Ratio Lower Upper

180 100

182 100.5 76.5 114.7

184 31.3 23.7 35.5

145 32.0 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 25.405 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024153.D

Acq: 03 Aug 2022 16:40

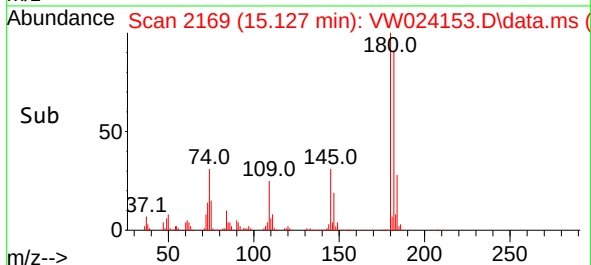
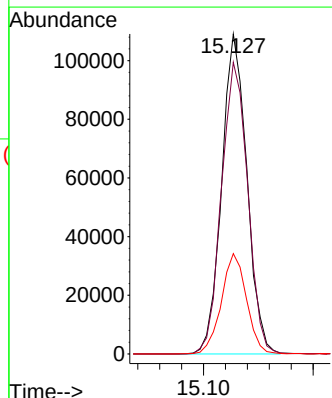
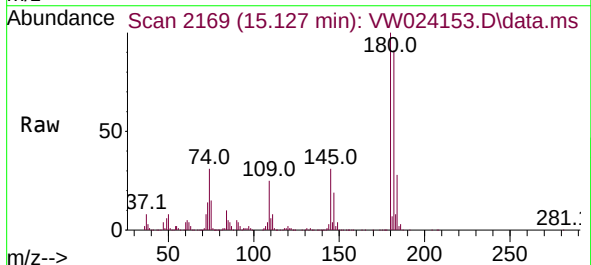
Tgt Ion:180 Resp: 173985

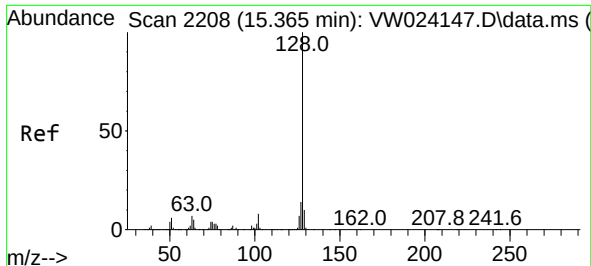
Ion Ratio Lower Upper

180 100

182 94.8 79.0 118.6

145 31.3 24.3 36.5

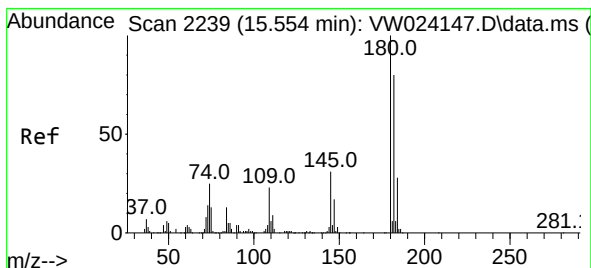
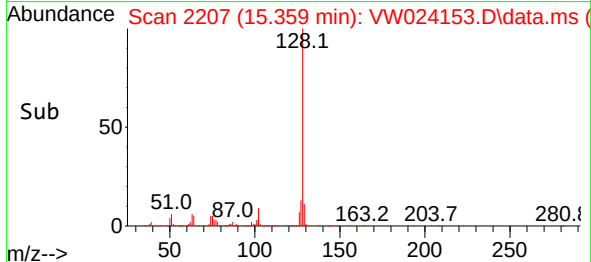
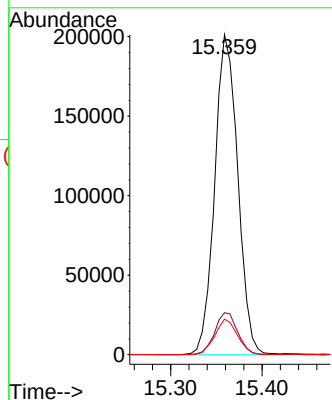
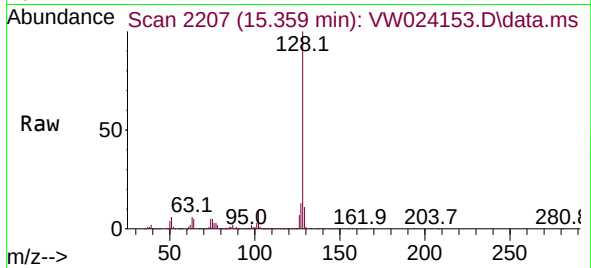




#71
Naphthalene
Concen: 26.806 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

Tgt Ion:128 Resp: 353788
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 23.619 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW024153.D
Acq: 03 Aug 2022 16:40

Tgt Ion:180 Resp: 148699
Ion Ratio Lower Upper
180 100
182 94.0 73.4 110.2
145 34.0 26.6 40.0

