

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042823\
 Data File : VW025749.D
 Acq On : 28 Apr 2023 08:49
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025585

Quant Time: Apr 29 00:23:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:55:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	568955	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	528363	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	260706	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	139782	20.140	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.560%
7) Chloroethane-d5	2.899	69	116513	23.415	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.640%
11) 1,1-Dichloroethene-d2	4.027	63	354917	22.430	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.720%
21) 2-Butanone-d5	7.075	46	105644	46.128	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.260%
24) Chloroform-d	7.648	84	381294	24.982	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.920%
26) 1,2-Dichloroethane-d4	8.307	65	209621	25.192	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.760%
32) Benzene-d6	8.270	84	732543	22.836	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.360%
36) 1,2-Dichloropropane-d6	9.270	67	234499	22.601	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.400%
41) Toluene-d8	10.325	98	680307	23.990	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.960%
43) trans-1,3-Dichloroprop...	10.575	79	91361	22.595	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.400%
47) 2-Hexanone-d5	10.922	63	75685	46.965	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.940%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	184230	24.092	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.360%
66) 1,2-Dichlorobenzene-d4	13.855	152	213266	23.877	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	189719	26.335	ug/L #	89
3) Chloromethane	2.223	50	212276	22.306	ug/L	97
5) Vinyl chloride	2.375	62	219315	21.918	ug/L	97
6) Bromomethane	2.789	94	124387	23.496	ug/L	95
8) Chloroethane	2.936	64	125506	24.624	ug/L	95
9) Trichlorofluoromethane	3.265	101	146186	19.436	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	183669	23.400	ug/L	99
12) 1,1-Dichloroethene	4.039	96	177885	23.129	ug/L	87
13) Acetone	4.119	43	77961	36.724	ug/L	100
14) Carbon disulfide	4.387	76	637600	23.681	ug/L	100
15) Methyl Acetate	4.667	43	111213	26.451	ug/L	100
16) Methylene chloride	4.917	84	229786	21.380	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	199310	24.602	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	307305	26.359	ug/L	99
19) 1,1-Dichloroethane	6.216	63	413830	25.064	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	214452	25.236	ug/L	96
22) 2-Butanone	7.167	43	116527	43.293	ug/L	96
23) Bromochloromethane	7.514	128	90635	25.683	ug/L	95
25) Chloroform	7.673	83	388404	25.613	ug/L	98

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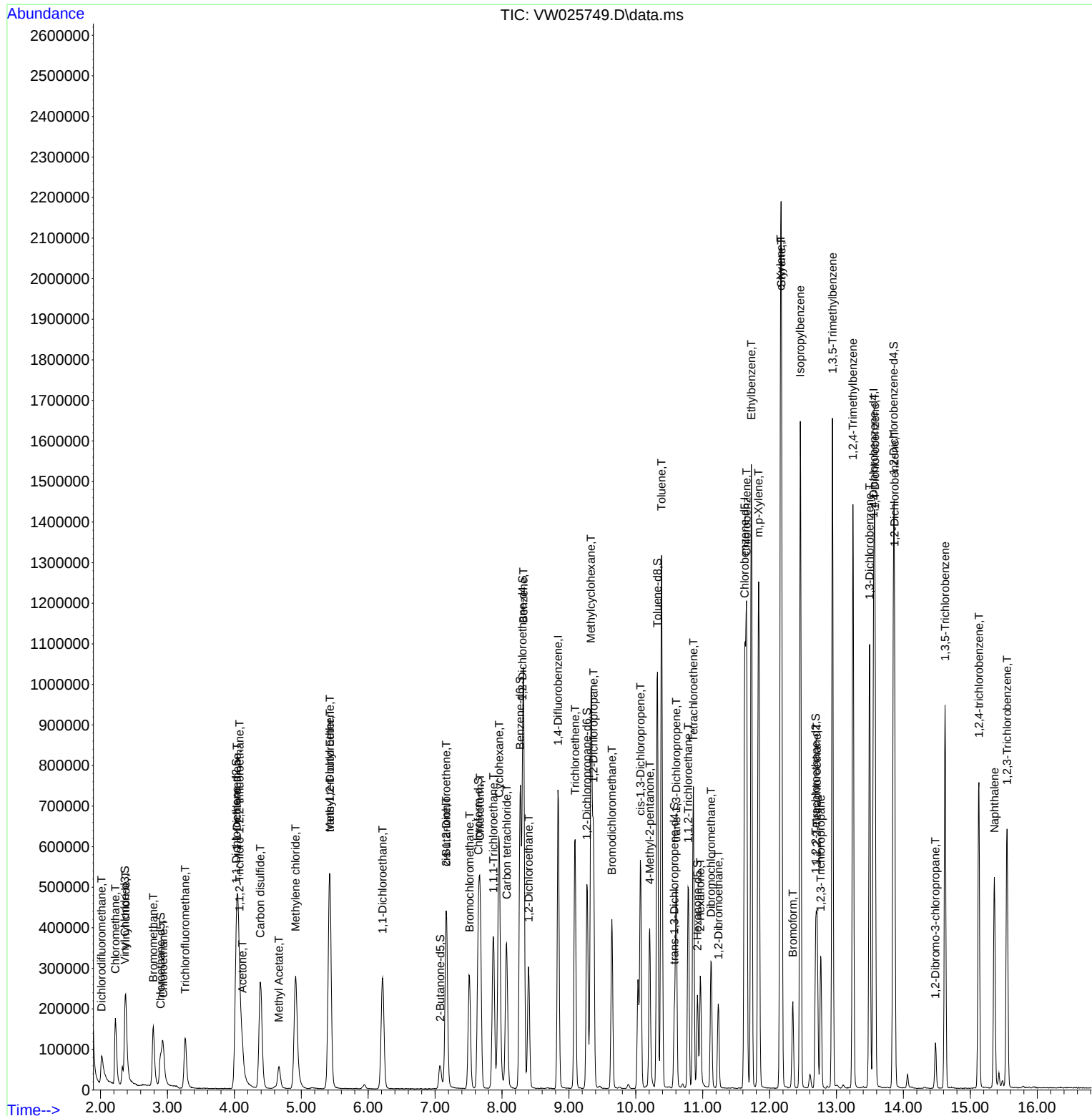
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	278600	26.842	ug/L	99
29) Cyclohexane	7.959	56	366149	22.275	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	311651	24.226	ug/L	98
31) Carbon tetrachloride	8.069	117	278001	23.819	ug/L	99
33) Benzene	8.319	78	885883	24.568	ug/L	100
34) Trichloroethene	9.093	95	216470	23.242	ug/L	98
35) Methylcyclohexane	9.331	83	372206	22.485	ug/L	100
37) 1,2-Dichloropropane	9.368	63	233324	24.006	ug/L	99
38) Bromodichloromethane	9.642	83	275308	25.060	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	327411	23.524	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	277864	47.396	ug/L	100
42) Toluene	10.386	91	914799	24.868	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	273526	23.921	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	153599	24.389	ug/L	99
46) Tetrachloroethene	10.861	164	153720	23.306	ug/L	94
48) 2-Hexanone	10.965	43	180855	43.808	ug/L	99
49) Dibromochloromethane	11.123	129	166656	25.548	ug/L	98
50) 1,2-Dibromoethane	11.233	107	143125	24.773	ug/L #	97
51) Chlorobenzene	11.654	112	552026	24.384	ug/L	99
52) Ethylbenzene	11.727	91	1037128	25.141	ug/L	98
53) m,p-Xylene	11.837	106	378571	24.859	ug/L	95
54) o-Xylene	12.166	106	363755	25.617	ug/L	97
55) Styrene	12.178	104	639181	26.553	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	185383	24.035	ug/L	99
59) Bromoform	12.349	173	90450	25.040	ug/L	97
60) Isopropylbenzene	12.458	105	994611	24.840	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	137673	24.281	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	813291	25.833	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	748616	26.324	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	409905	24.258	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	424739	24.791	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	374649	25.130	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	31059	23.926	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	265359	24.138	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	229525	24.451	ug/L	98
71) Naphthalene	15.360	128	423703	25.271	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	209470	25.281	ug/L	99

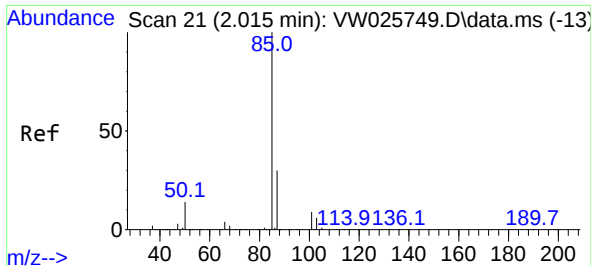
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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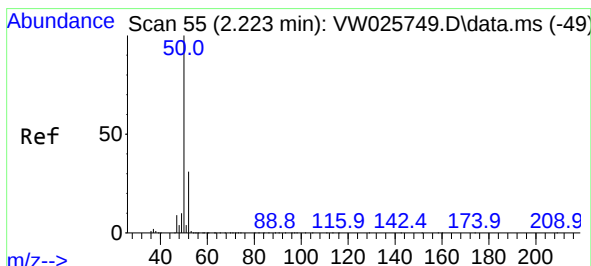
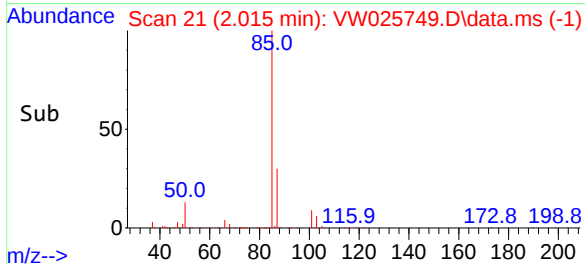
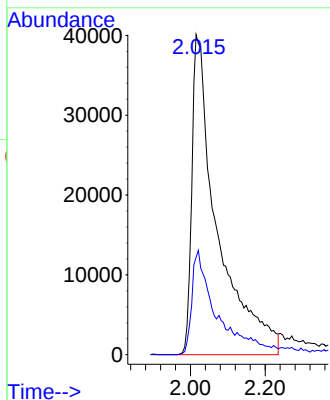
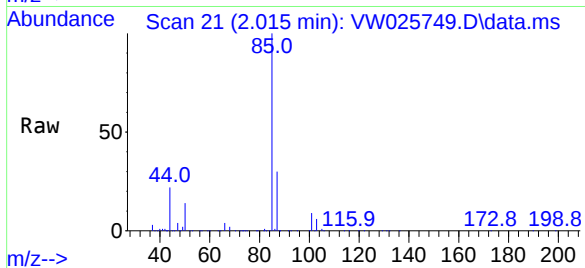




#2
 Dichlorodifluoromethane
 Concen: 26.335 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW025749.D
 Acq: 28 Apr 2023 08:49

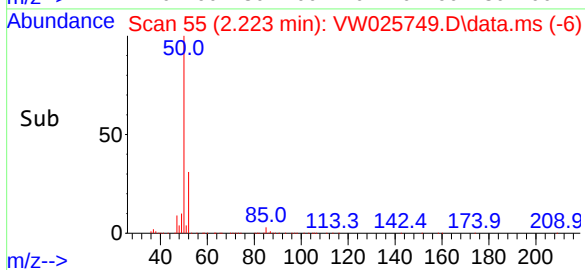
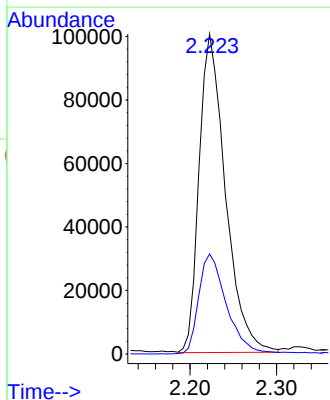
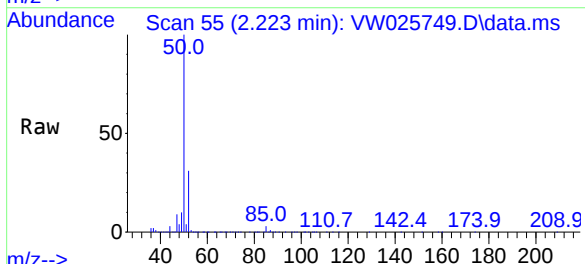
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 ClientSampleId :
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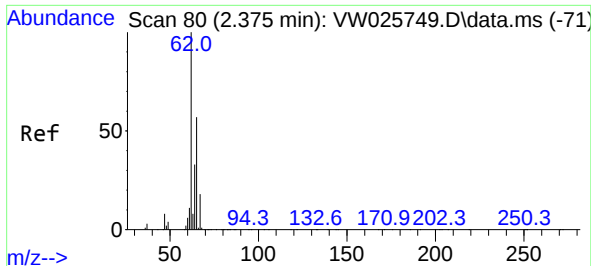
Tgt Ion: 85 Resp: 189719
 Ion Ratio Lower Upper
 85 100
 87 21.0 21.3 31.9#



#3
 Chloromethane
 Concen: 22.306 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW025749.D
 Acq: 28 Apr 2023 08:49

Tgt Ion: 50 Resp: 212276
 Ion Ratio Lower Upper
 50 100
 52 31.3 22.9 42.5

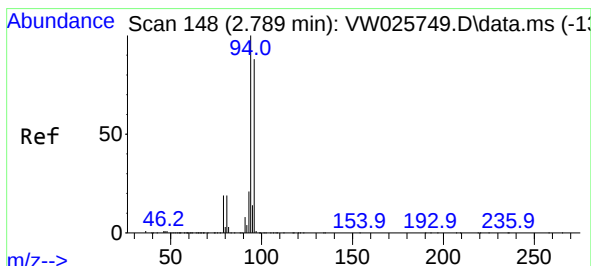
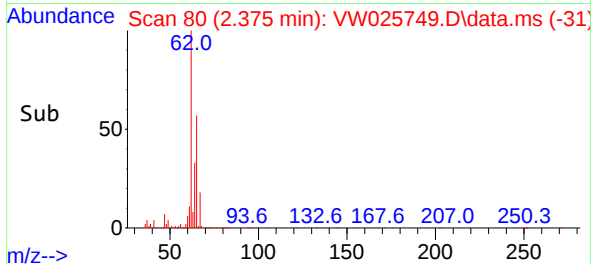
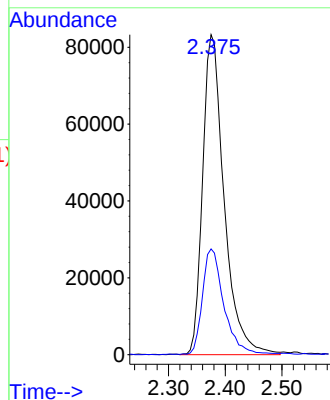
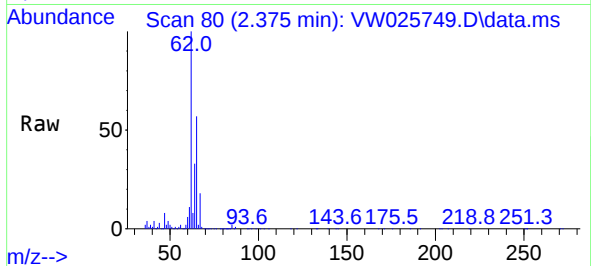




#5
 Vinyl chloride
 Concen: 21.918 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025749.D
 Acq: 28 Apr 2023 08:49

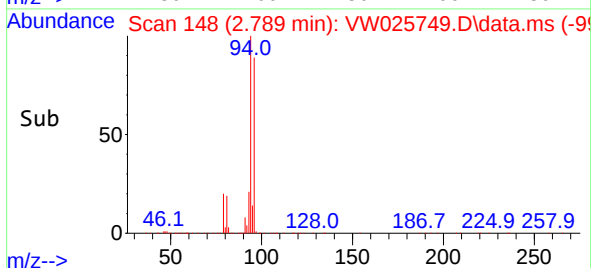
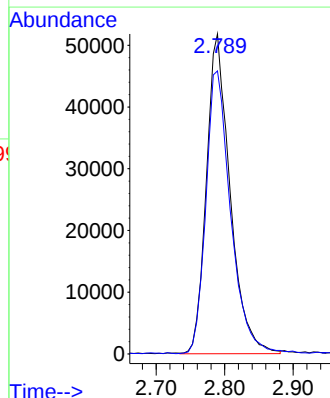
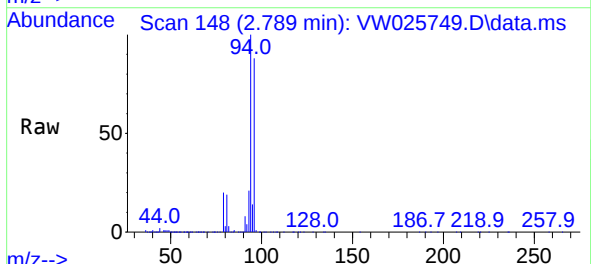
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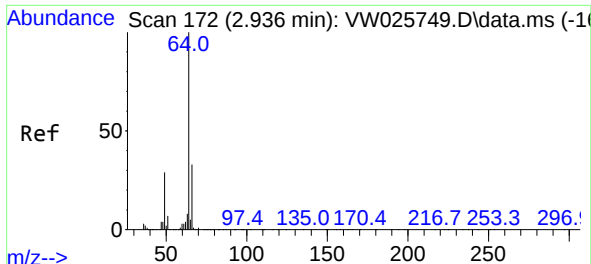
Tgt Ion: 62 Resp: 219315
 Ion Ratio Lower Upper
 62 100
 64 33.0 21.8 40.6



#6
 Bromomethane
 Concen: 23.496 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025749.D
 Acq: 28 Apr 2023 08:49

Tgt Ion: 94 Resp: 124387
 Ion Ratio Lower Upper
 94 100
 96 88.4 65.2 121.2

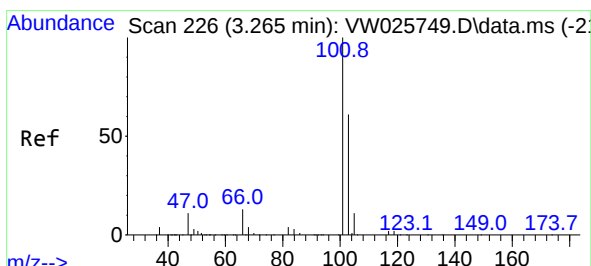
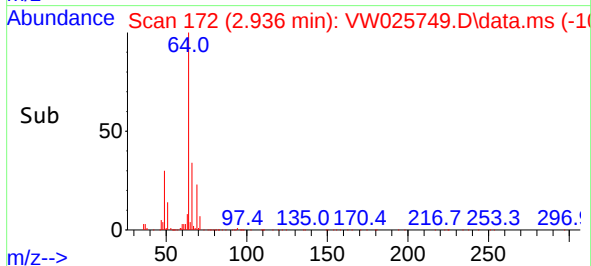
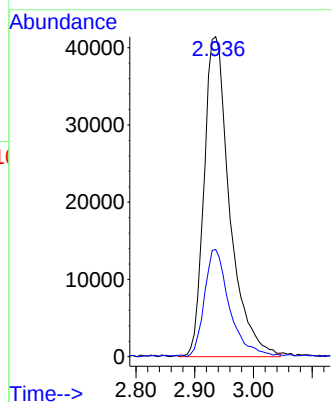
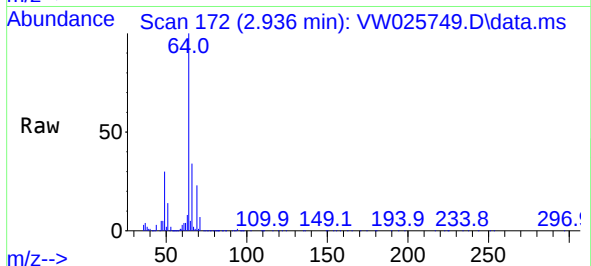




#8
Chloroethane
Concen: 24.624 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

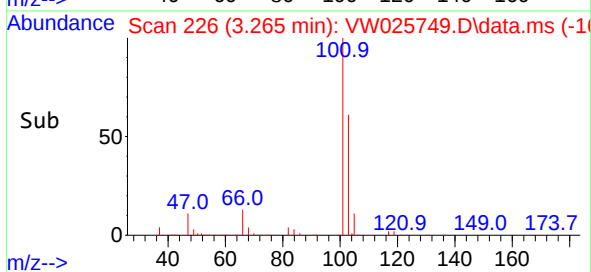
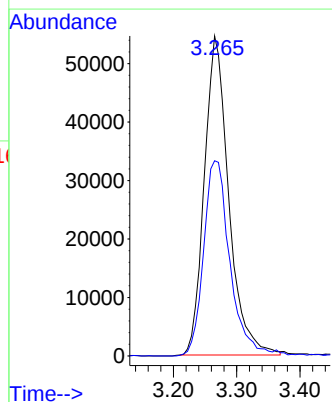
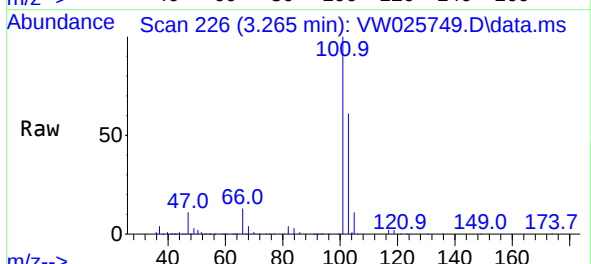
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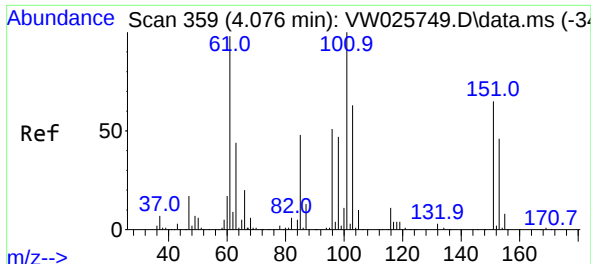
Tgt Ion: 64 Resp: 125506
Ion Ratio Lower Upper
64 100
66 33.5 21.5 39.9



#9
Trichlorofluoromethane
Concen: 19.436 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

Tgt Ion:101 Resp: 146186
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.4

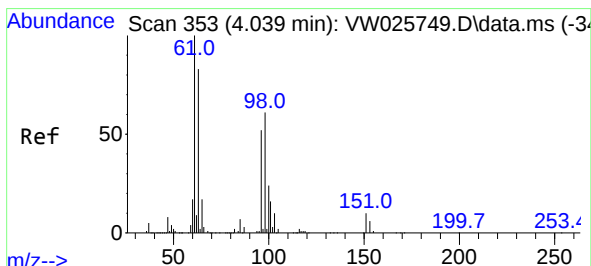
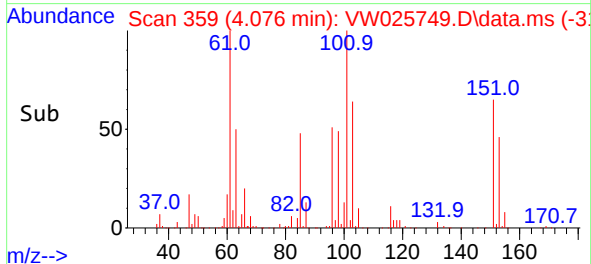
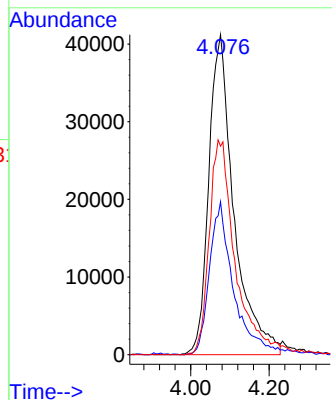
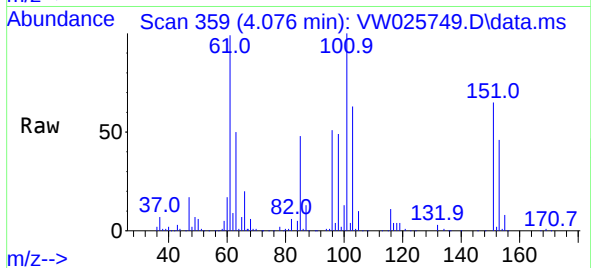




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.400 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW025749.D
 Acq: 28 Apr 2023 08:49

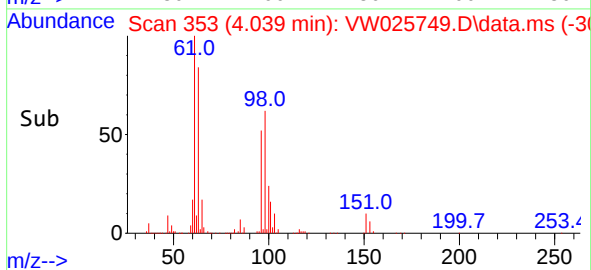
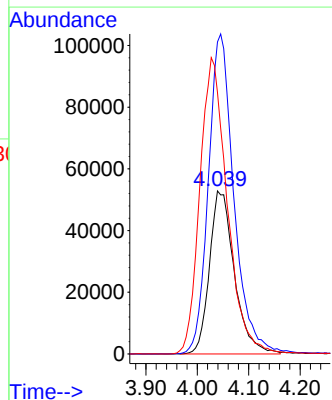
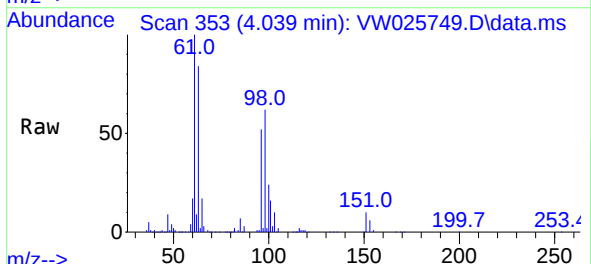
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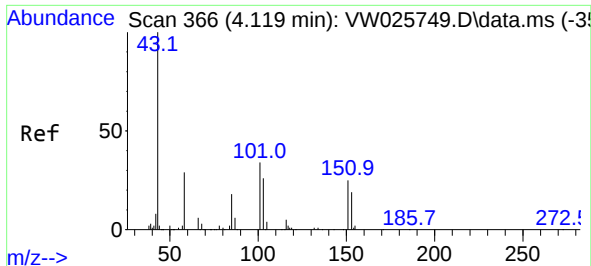
Tgt Ion:101 Resp: 183669
 Ion Ratio Lower Upper
 101 100
 85 45.7 35.9 53.9
 151 67.8 54.1 81.1



#12
 1,1-Dichloroethene
 Concen: 23.129 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW025749.D
 Acq: 28 Apr 2023 08:49

Tgt Ion: 96 Resp: 177885
 Ion Ratio Lower Upper
 96 100
 61 191.4 137.9 256.1
 63 160.4 90.5 168.1

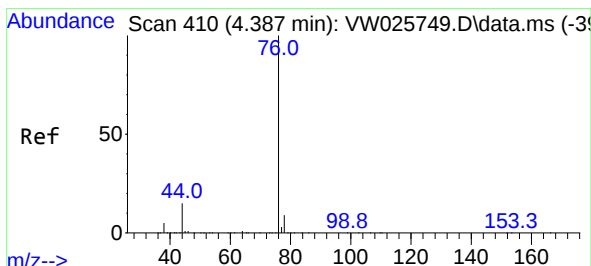
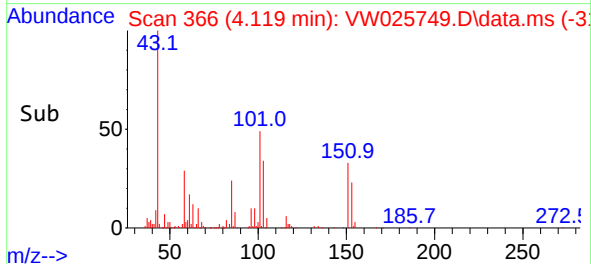
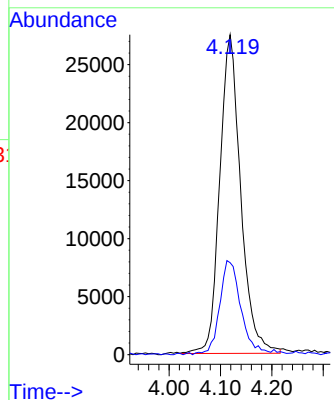
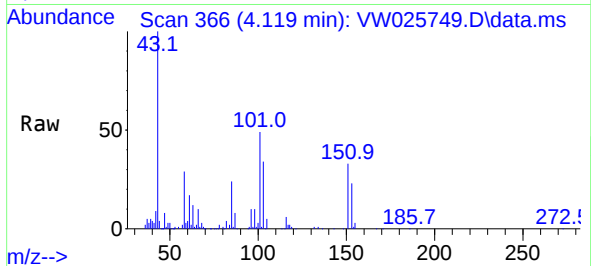




#13
Acetone
Concen: 36.724 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.000 min
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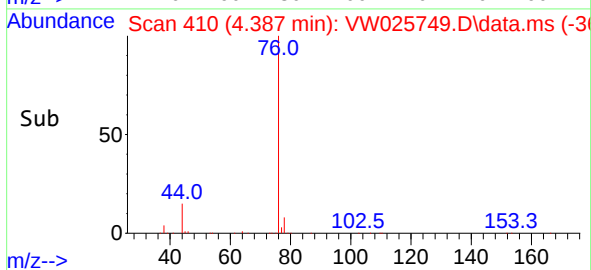
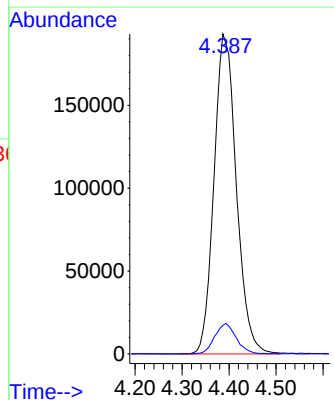
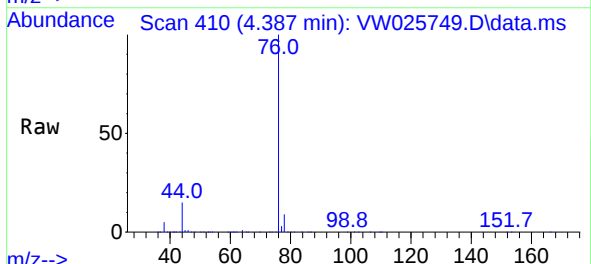
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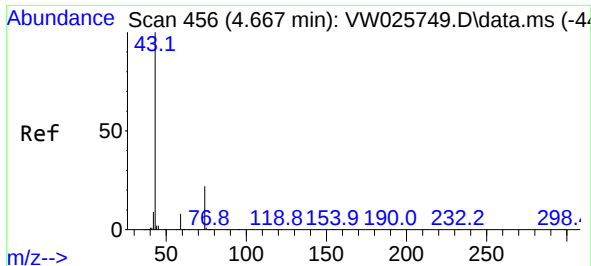
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Ion Ratio Lower Upper
43 100
58 29.6 0.0 58.6



#14
Carbon disulfide
Concen: 23.681 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 637600
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

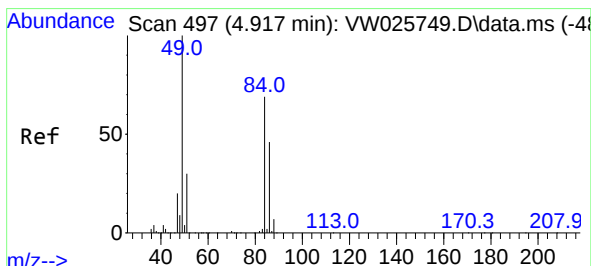
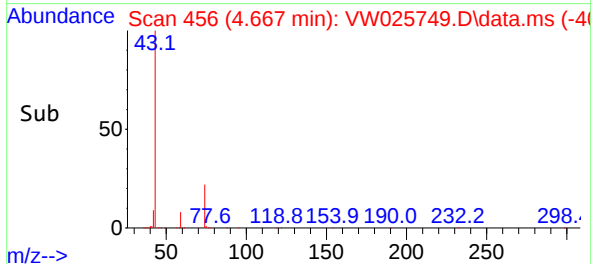
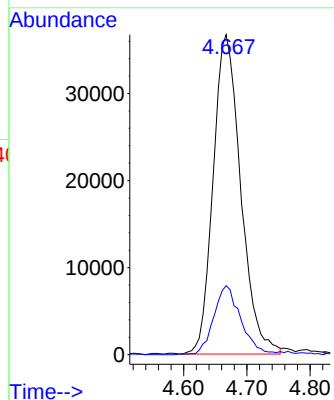
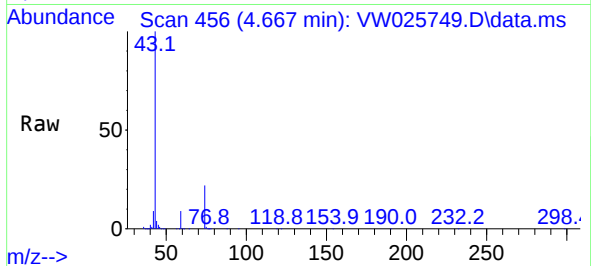




#15
Methyl Acetate
Concen: 26.451 ug/L
RT: 4.667 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

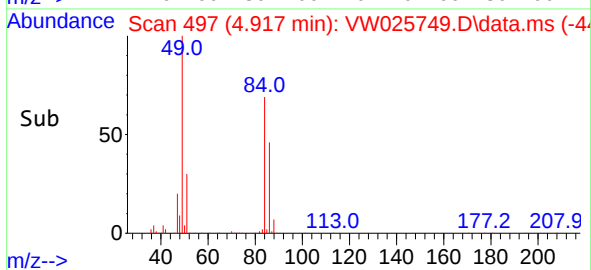
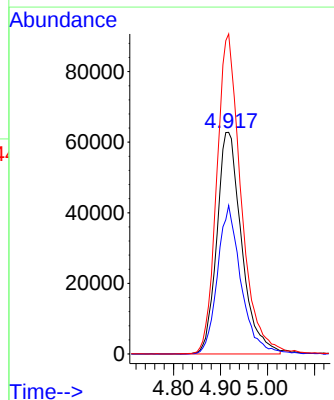
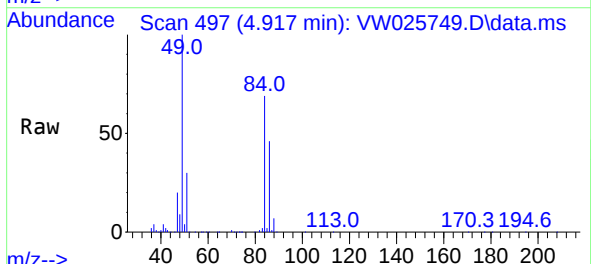
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

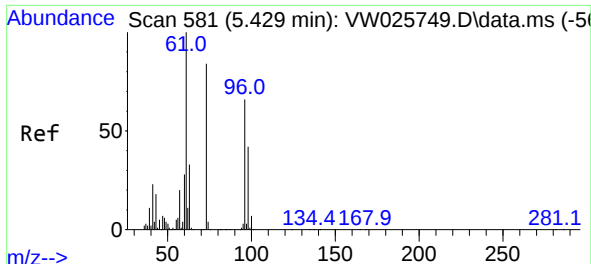
Tgt Ion: 43 Resp: 111213
Ion Ratio Lower Upper
43 100
74 20.3 16.1 24.1



#16
Methylene chloride
Concen: 21.380 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

Tgt Ion: 84 Resp: 229786
Ion Ratio Lower Upper
84 100
86 67.0 46.3 85.9
49 144.4 101.9 189.3

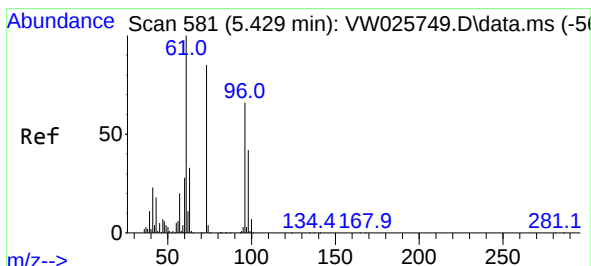
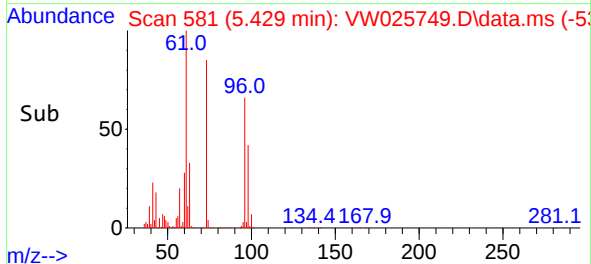
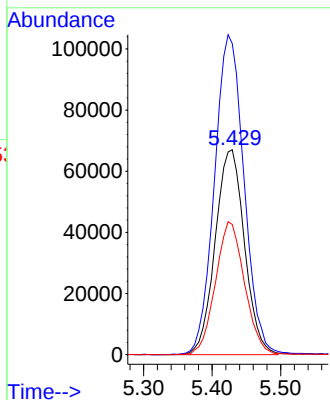
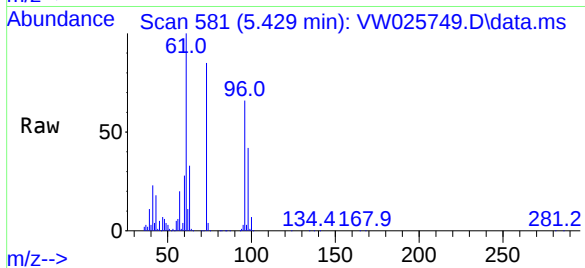




#17
trans-1,2-Dichloroethene
Concen: 24.602 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

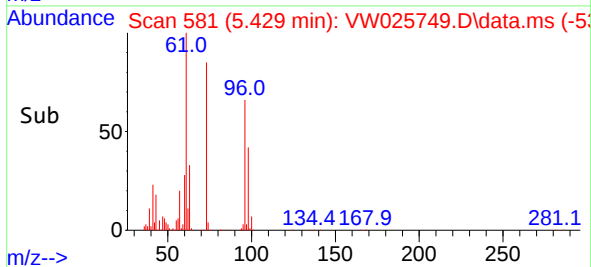
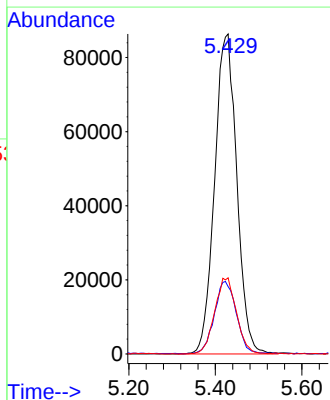
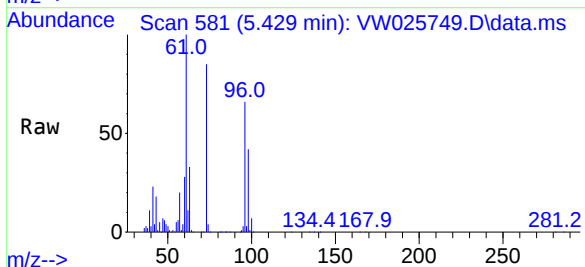
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

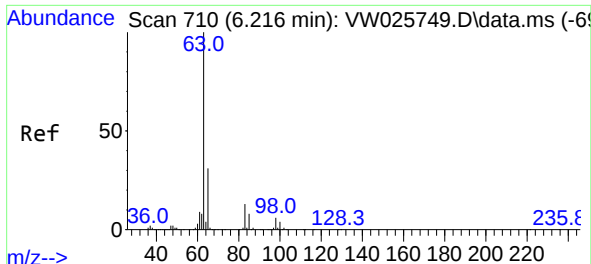
Tgt Ion: 96 Resp: 199310
Ion Ratio Lower Upper
96 100
61 151.8 110.2 204.8
98 63.6 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 26.359 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

Tgt Ion: 73 Resp: 307305
Ion Ratio Lower Upper
73 100
43 22.1 18.2 27.4
57 23.4 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.064 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW025749.D

Acq: 28 Apr 2023 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025585

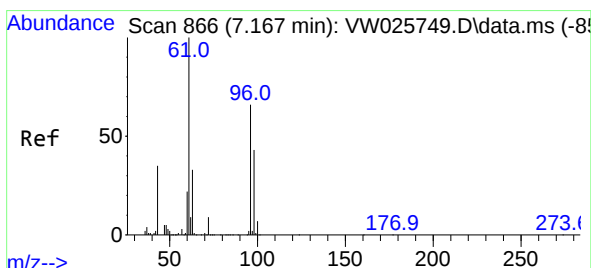
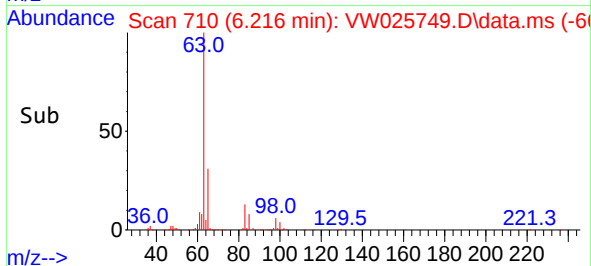
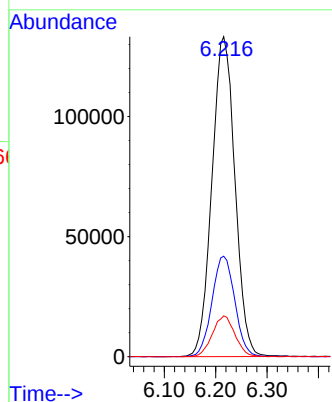
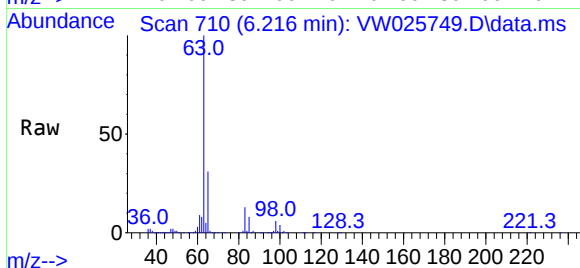
Tgt Ion: 63 Resp: 413830

Ion Ratio Lower Upper

63 100

65 31.4 22.5 41.9

83 12.7 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 25.236 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW025749.D

Acq: 28 Apr 2023 08:49

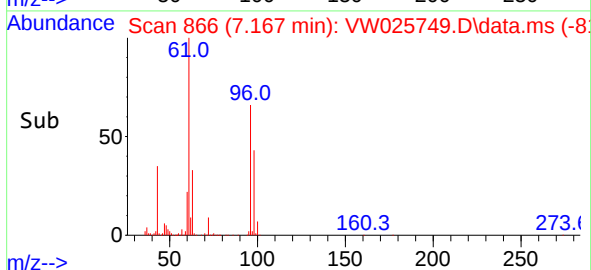
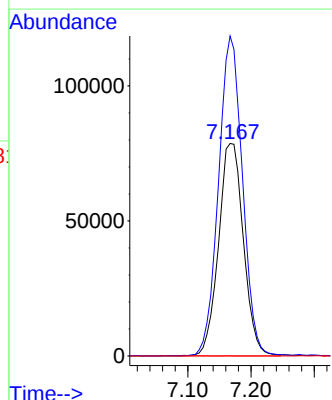
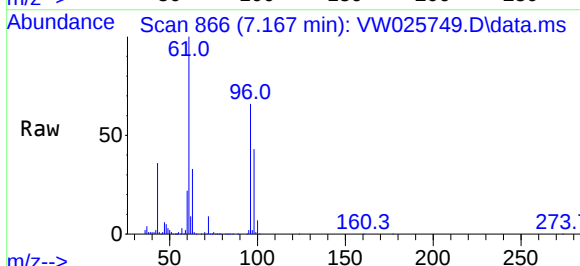
Tgt Ion: 96 Resp: 214452

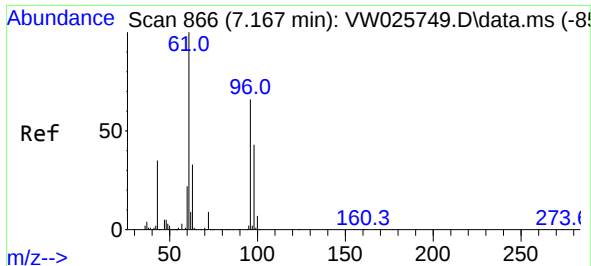
Ion Ratio Lower Upper

96 100

61 150.6 101.6 188.6

68 0.1 0.1 0.1

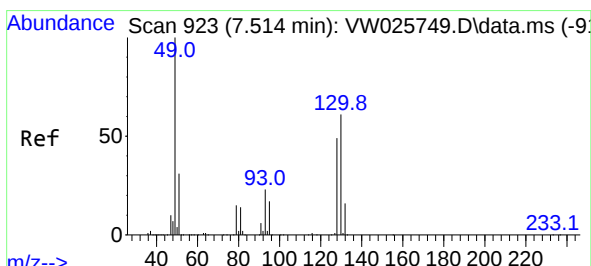
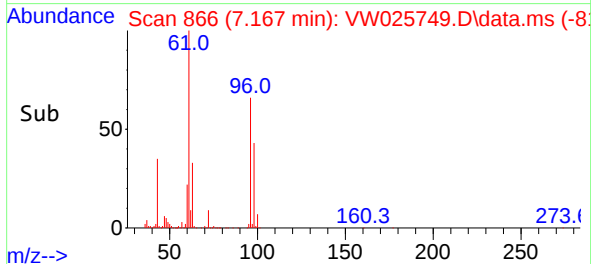
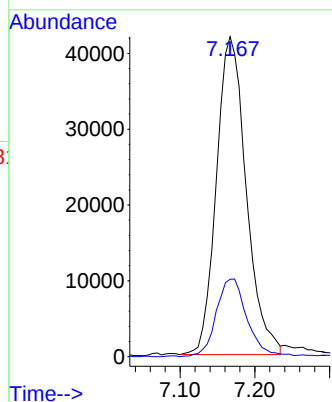
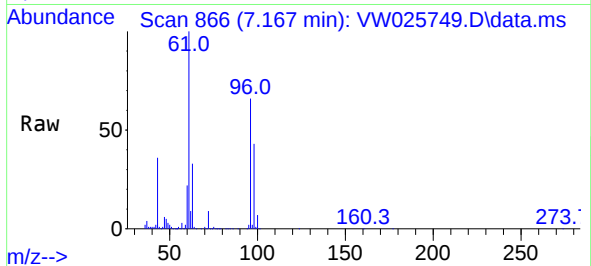




#22
2-Butanone
Concen: 43.293 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

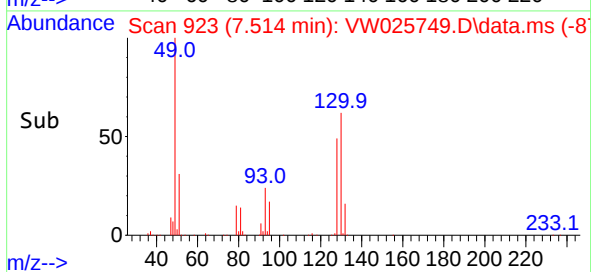
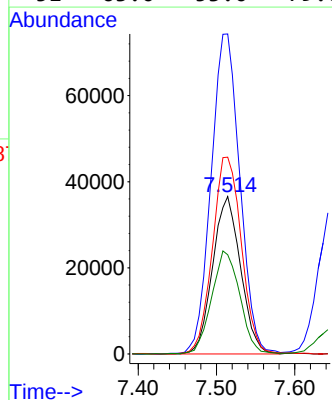
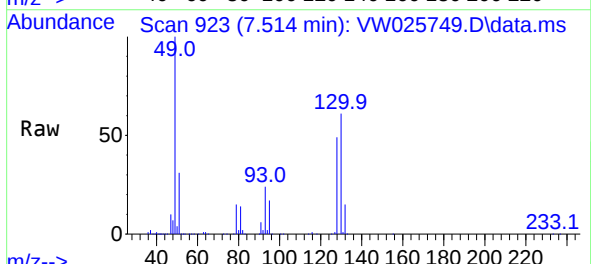
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

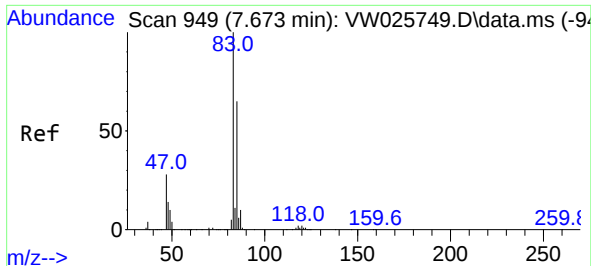
Tgt Ion: 43 Resp: 116527
Ion Ratio Lower Upper
43 100
72 25.1 11.7 35.0



#23
Bromochloromethane
Concen: 25.683 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

Tgt Ion: 128 Resp: 90635
Ion Ratio Lower Upper
128 100
49 203.1 148.0 274.8
130 124.9 90.3 167.7
51 63.0 53.0 79.6

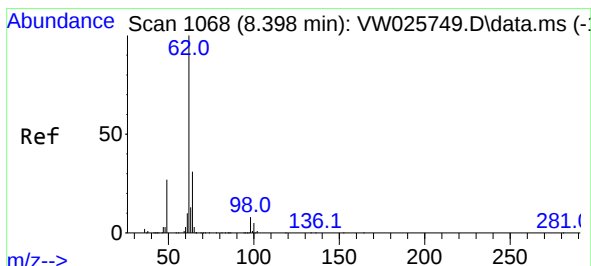
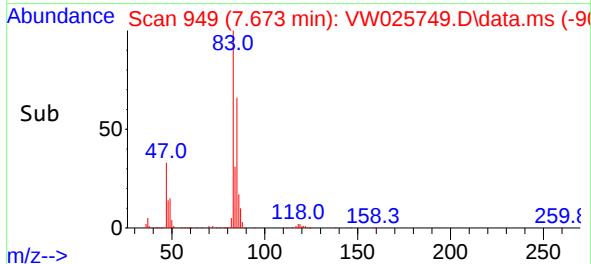
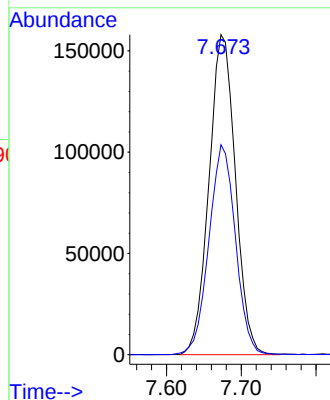
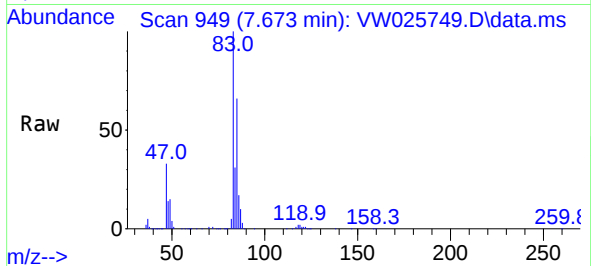




#25
Chloroform
Concen: 25.613 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

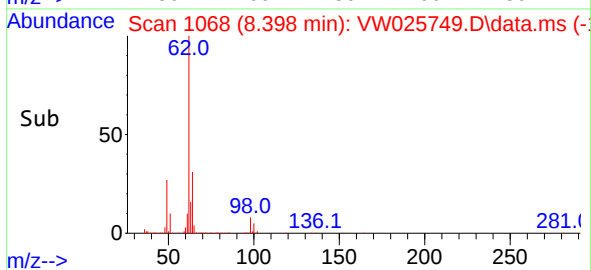
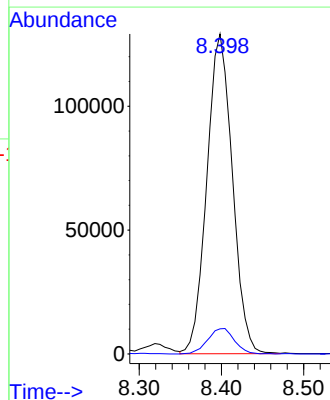
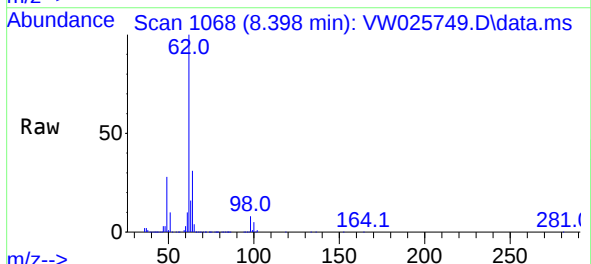
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

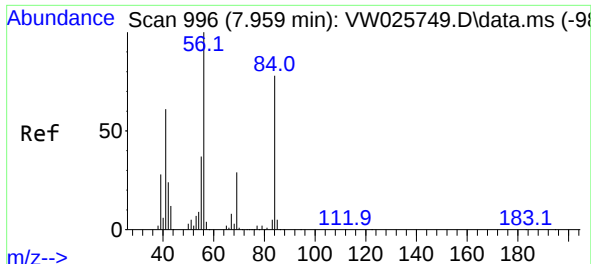
Tgt Ion: 83 Resp: 388404
Ion Ratio Lower Upper
83 100
85 65.6 44.9 83.5



#27
1,2-Dichloroethane
Concen: 26.842 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

Tgt Ion: 62 Resp: 278600
Ion Ratio Lower Upper
62 100
98 7.8 6.5 9.7





#29

Cyclohexane

Concen: 22.275 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW025749.D

Acq: 28 Apr 2023 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025585

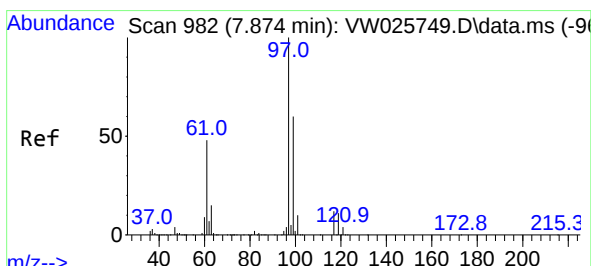
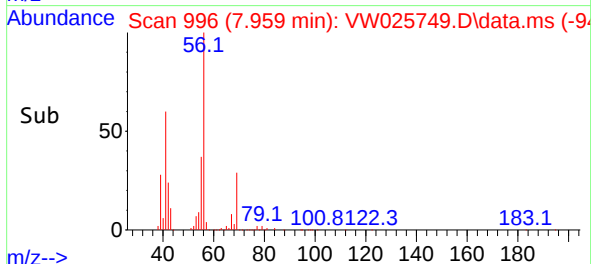
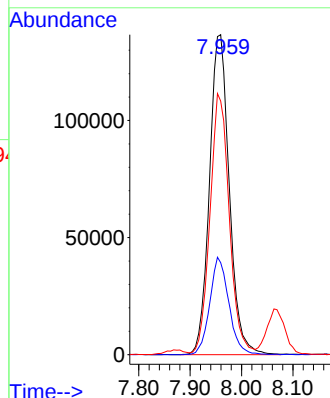
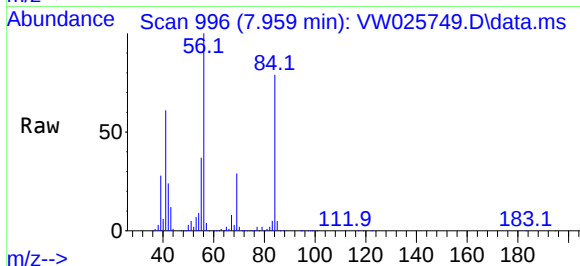
Tgt Ion: 56 Resp: 366149

Ion Ratio Lower Upper

56 100

69 29.4 22.6 34.0

84 79.5 62.2 93.2



#30

1,1,1-Trichloroethane

Concen: 24.226 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW025749.D

Acq: 28 Apr 2023 08:49

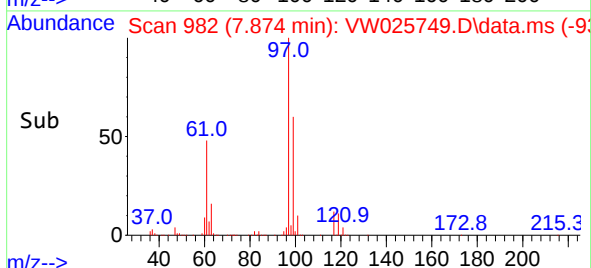
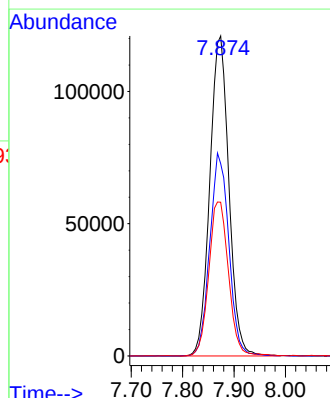
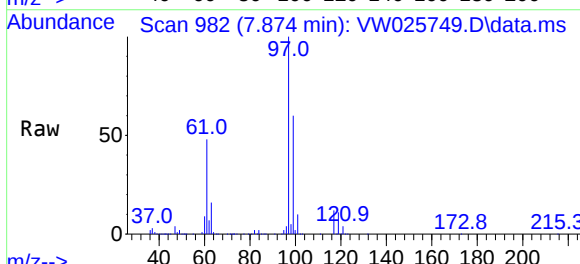
Tgt Ion: 97 Resp: 311651

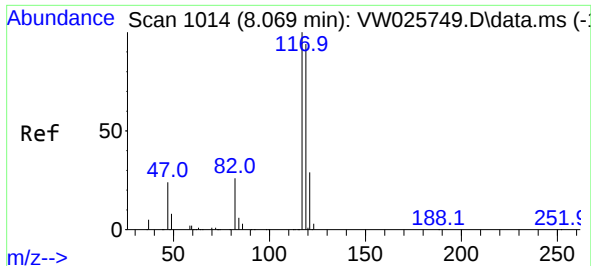
Ion Ratio Lower Upper

97 100

99 63.3 51.0 76.4

61 49.5 42.2 63.2

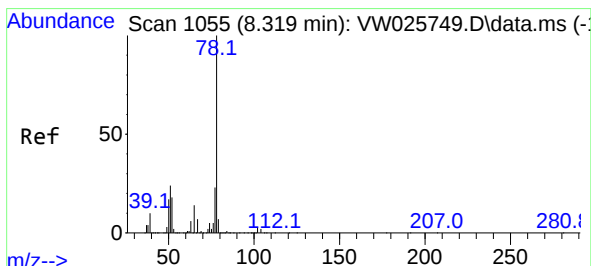
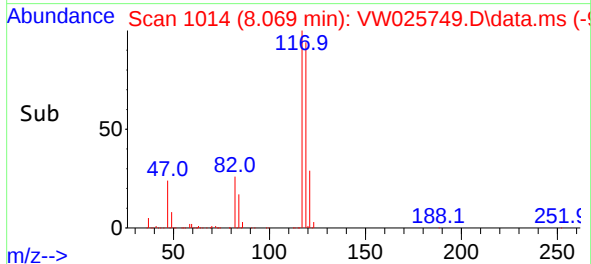
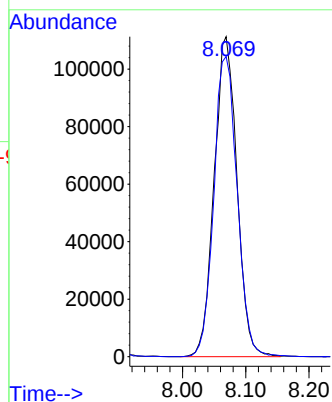
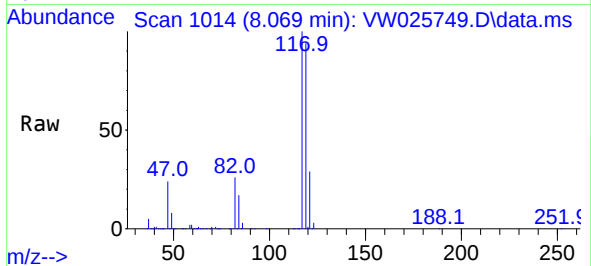




#31
Carbon tetrachloride
Concen: 23.819 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

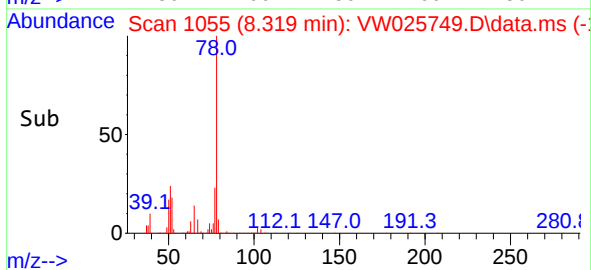
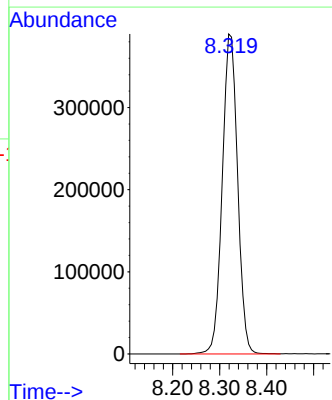
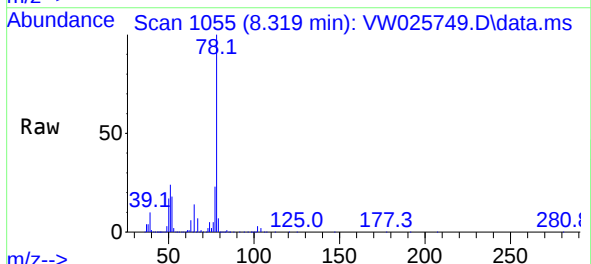
Instrument : MSVOA_W
ClientSampleId : VSTD025585

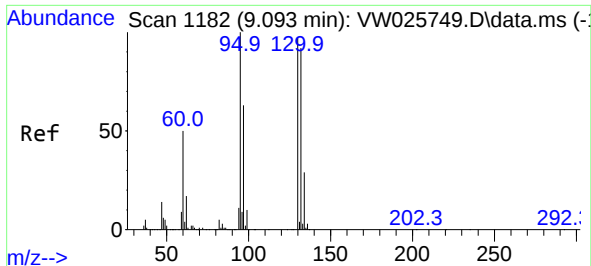
Tgt Ion:117 Resp: 278001
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.2



#33
Benzene
Concen: 24.568 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

Tgt Ion: 78 Resp: 885883



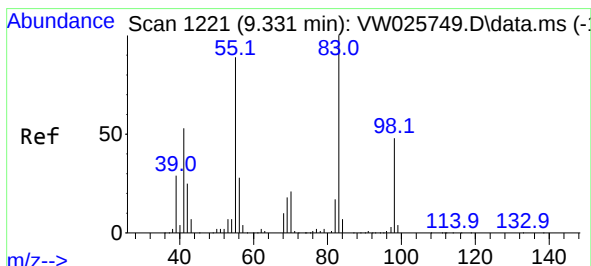
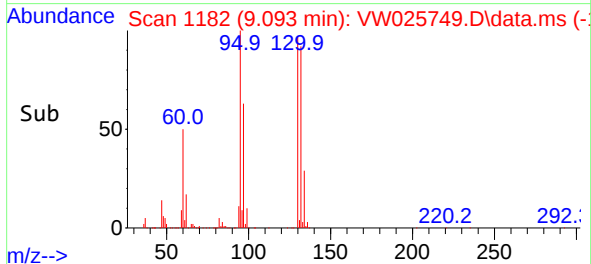
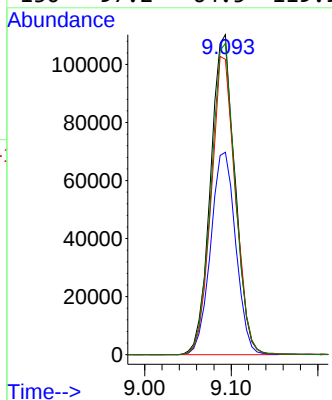
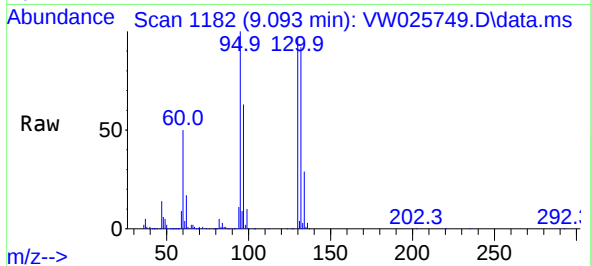


#34
Trichloroethene
Concen: 23.242 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

Tgt Ion: 95 Resp: 216470

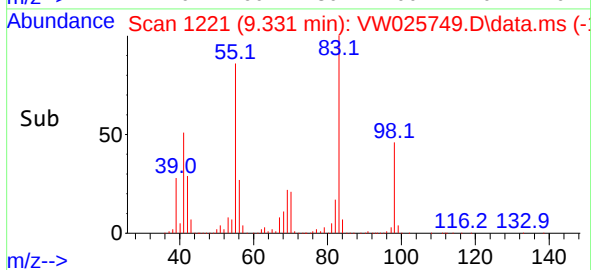
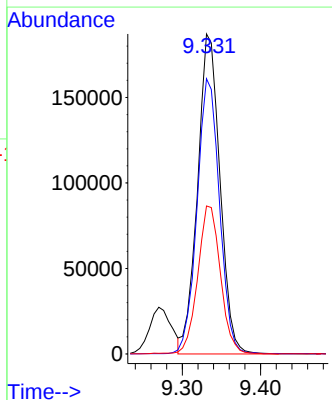
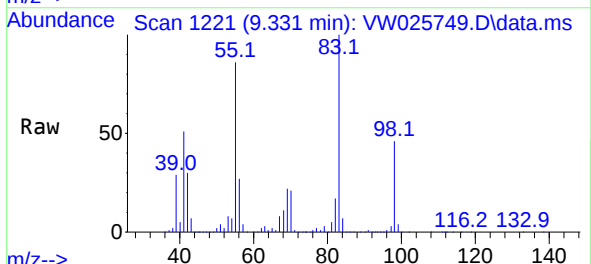
Ion	Ratio	Lower	Upper
95	100		
97	63.3	44.7	83.1
132	92.3	65.0	120.6
130	97.2	64.5	119.9

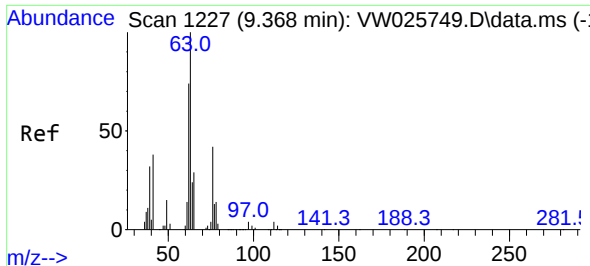


#35
Methylcyclohexane
Concen: 22.485 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

Tgt Ion: 83 Resp: 372206

Ion	Ratio	Lower	Upper
83	100		
55	86.3	68.7	103.1
98	46.9	37.4	56.2





#37

1,2-Dichloropropane

Concen: 24.006 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025749.D

Acq: 28 Apr 2023 08:49

Instrument :

MSVOA_W

ClientSampleId :

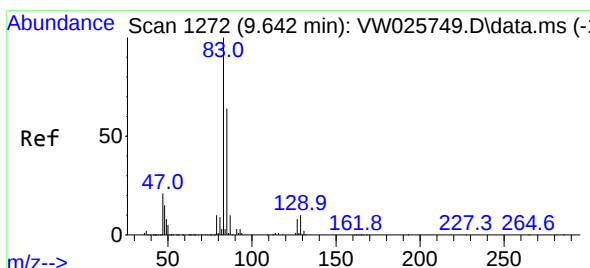
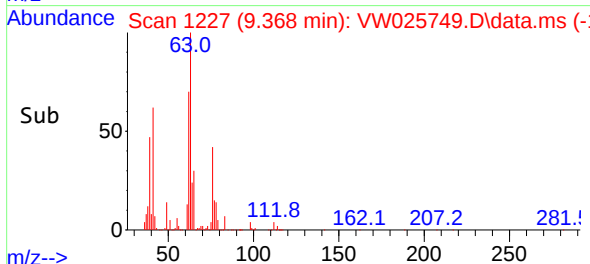
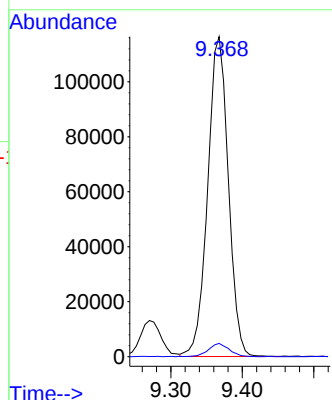
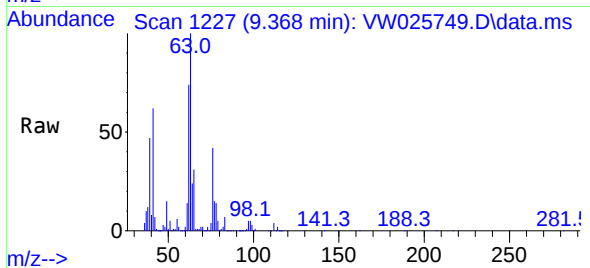
VSTD025585

Tgt Ion: 63 Resp: 233324

Ion Ratio Lower Upper

63 100

112 4.2 3.2 4.8



#38

Bromodichloromethane

Concen: 25.060 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025749.D

Acq: 28 Apr 2023 08:49

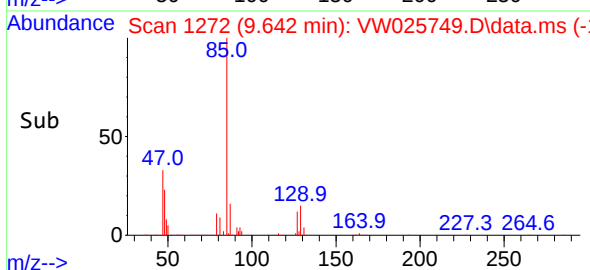
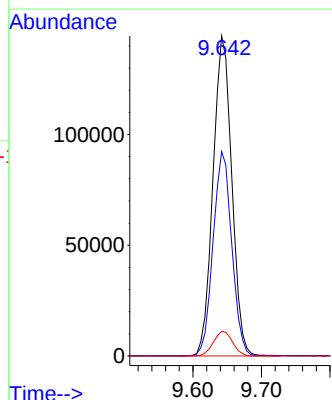
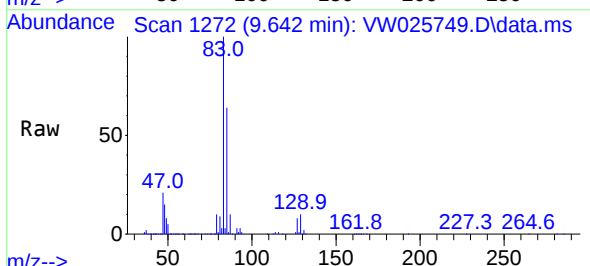
Tgt Ion: 83 Resp: 275308

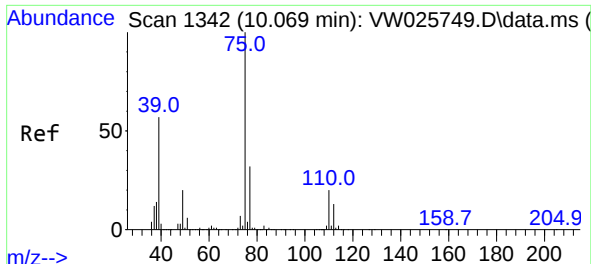
Ion Ratio Lower Upper

83 100

85 63.9 44.4 82.4

127 7.7 5.5 8.3





#39

cis-1,3-Dichloropropene

Concen: 23.524 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW025749.D

Acq: 28 Apr 2023 08:49

Instrument :

MSVOA_W

ClientSampleId :

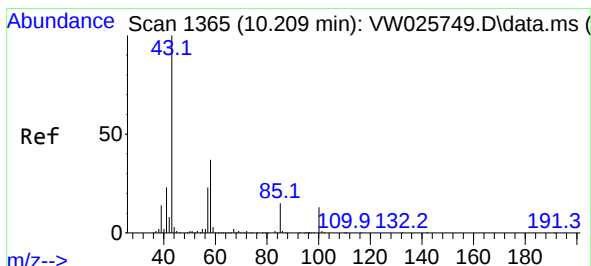
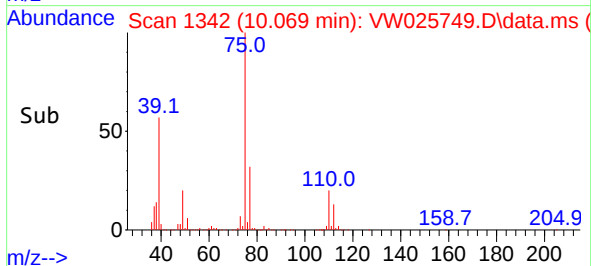
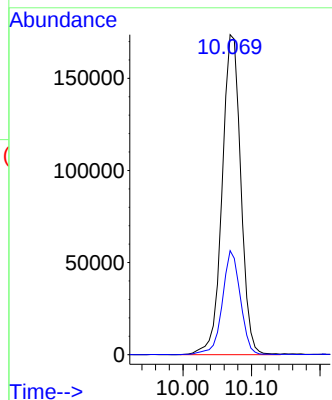
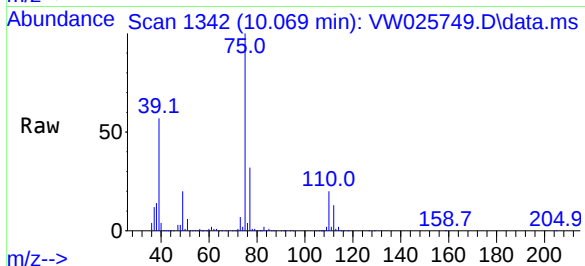
VSTD025585

Tgt Ion: 75 Resp: 327411

Ion Ratio Lower Upper

75 100

77 32.5 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 47.396 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025749.D

Acq: 28 Apr 2023 08:49

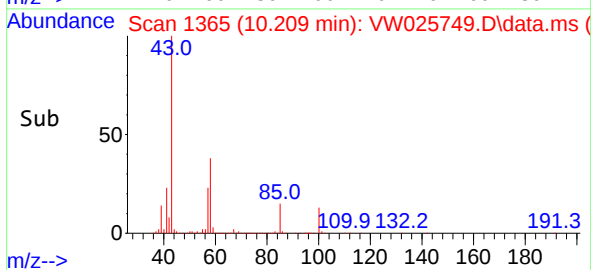
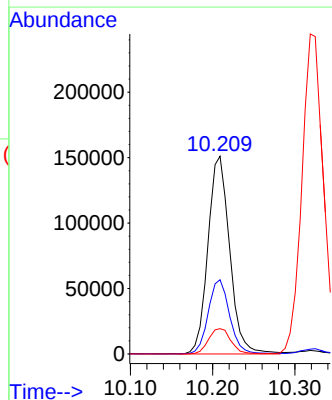
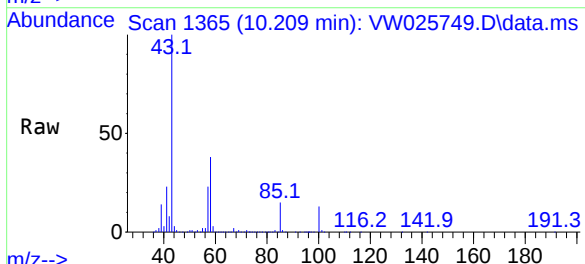
Tgt Ion: 43 Resp: 277864

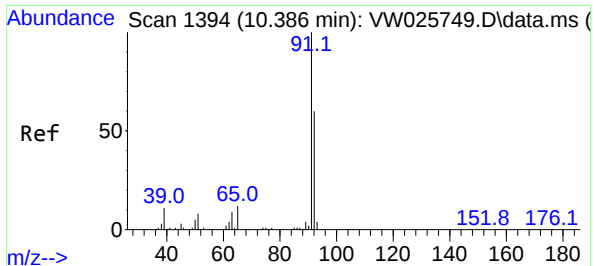
Ion Ratio Lower Upper

43 100

58 36.9 29.4 44.0

100 13.1 10.2 15.4

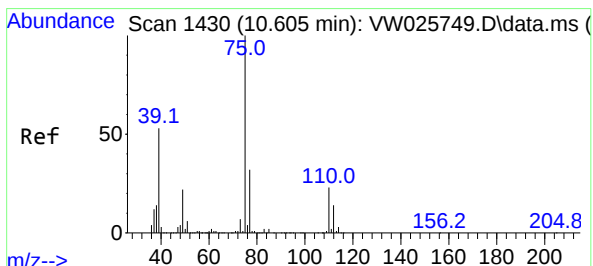
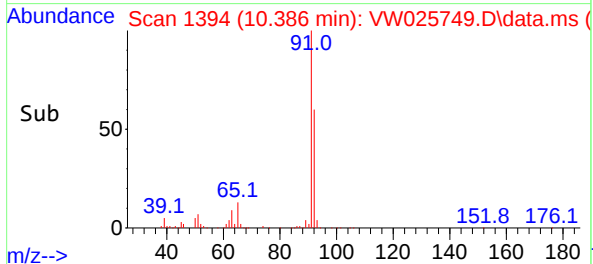
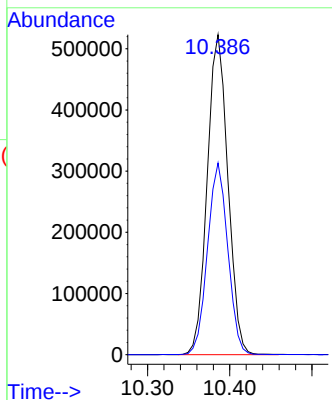
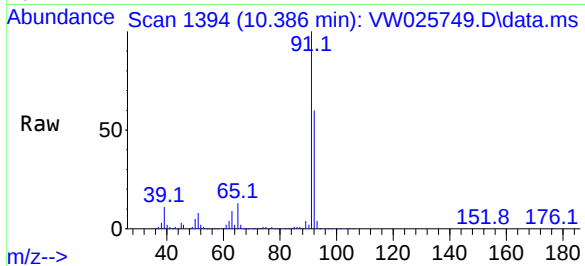




#42
Toluene
Concen: 24.868 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

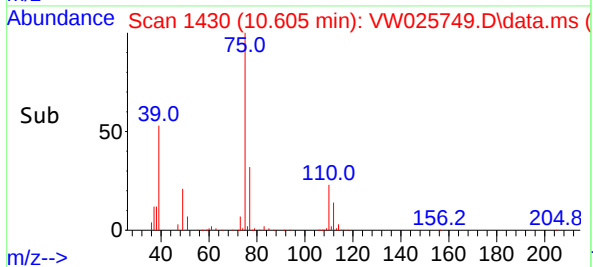
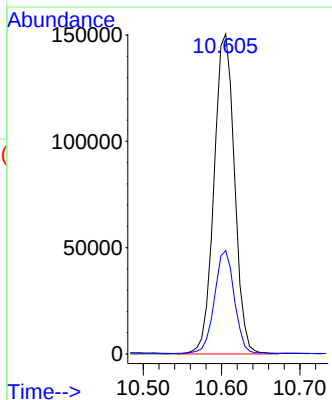
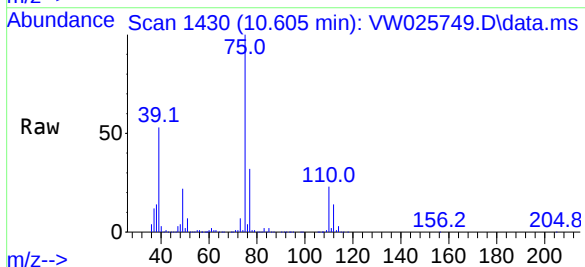
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

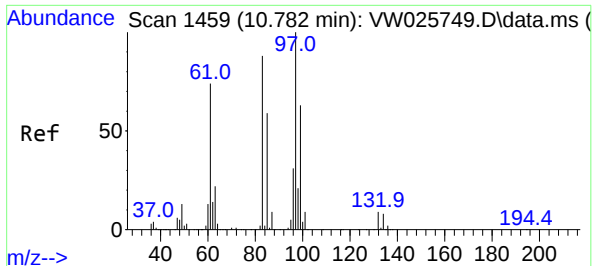
Tgt Ion: 91 Resp: 914799
Ion Ratio Lower Upper
91 100
92 59.9 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 23.921 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

Tgt Ion: 75 Resp: 273526
Ion Ratio Lower Upper
75 100
77 32.3 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 24.389 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW025749.D

Acq: 28 Apr 2023 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025585

Tgt Ion: 97 Resp: 153599

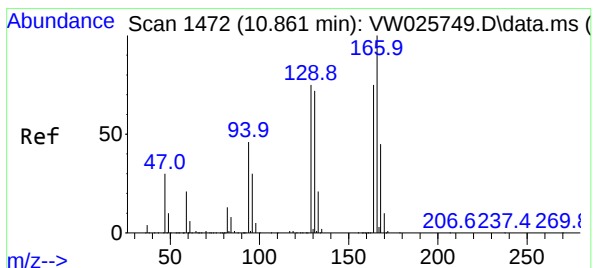
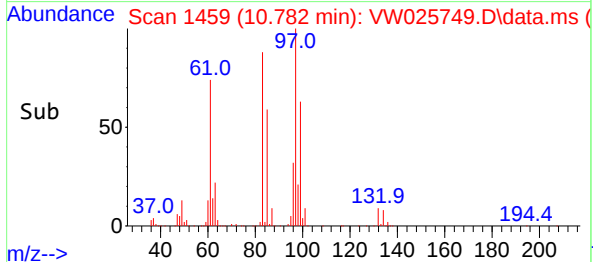
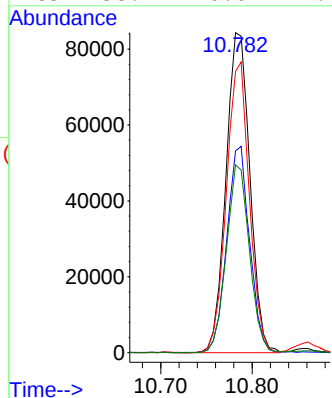
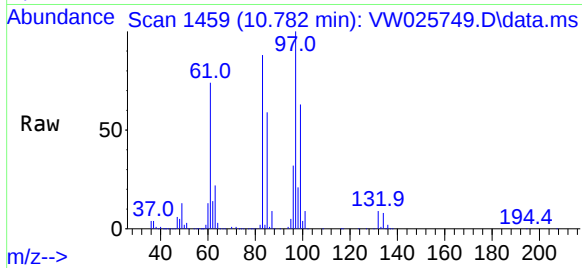
Ion Ratio Lower Upper

97 100

99 63.0 43.6 81.0

83 87.9 61.5 114.1

85 58.7 40.0 74.4



#46

Tetrachloroethene

Concen: 23.306 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW025749.D

Acq: 28 Apr 2023 08:49

Tgt Ion:164 Resp: 153720

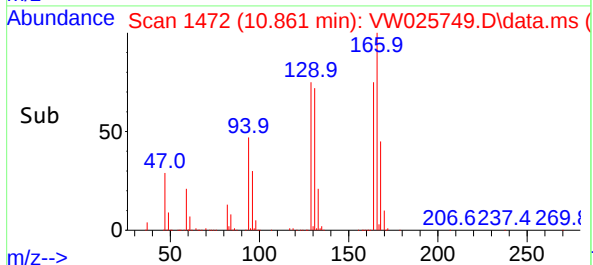
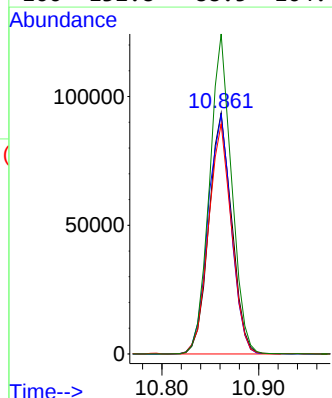
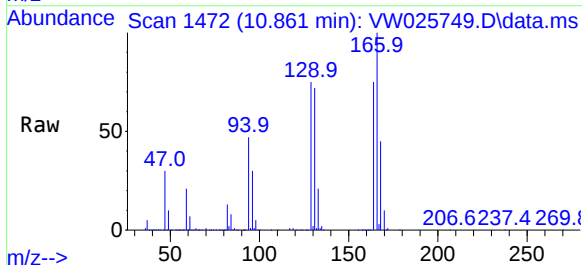
Ion Ratio Lower Upper

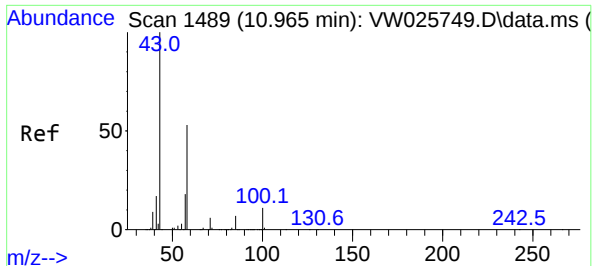
164 100

129 99.3 69.2 128.6

131 95.4 59.4 110.2

166 132.8 88.5 164.4



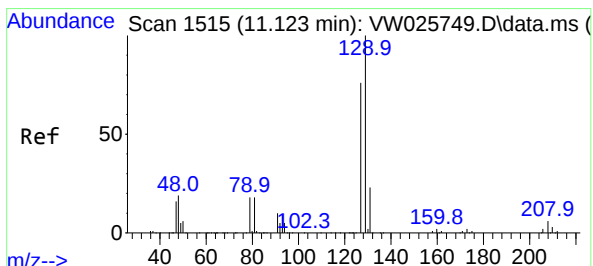
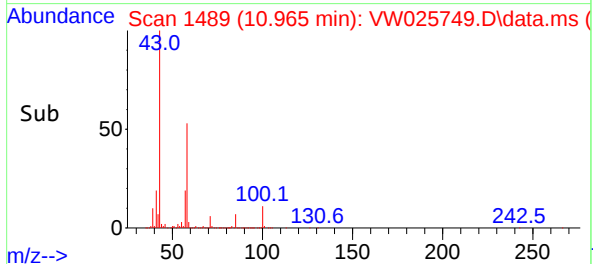
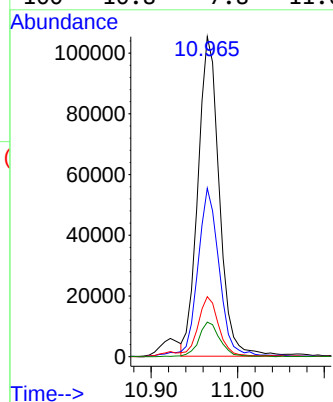
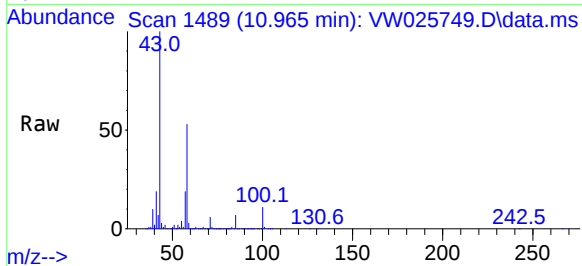


#48
2-Hexanone
Concen: 43.808 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

Tgt Ion: 43 Resp: 180855

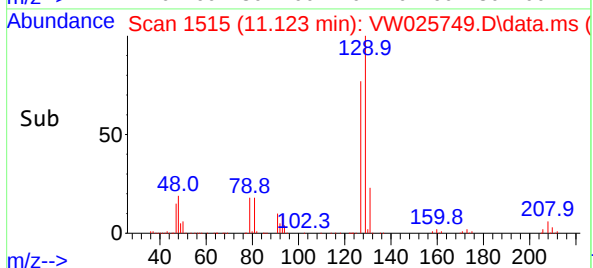
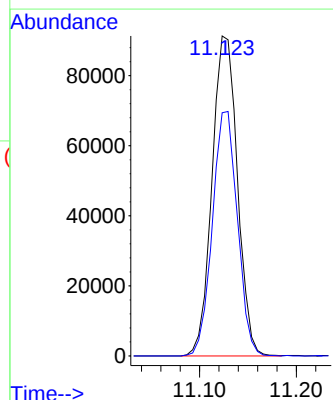
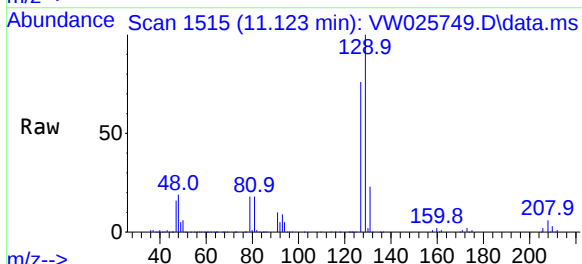
Ion	Ratio	Lower	Upper
43	100		
58	50.7	40.3	60.5
57	17.4	13.8	20.8
100	10.8	7.8	11.6

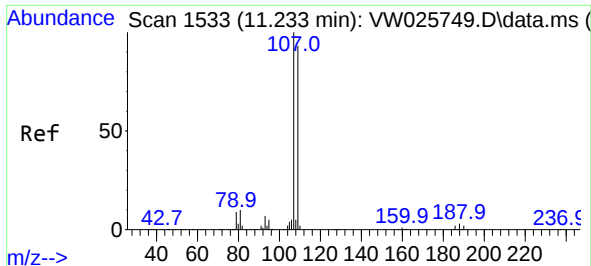


#49
Dibromochloromethane
Concen: 25.548 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

Tgt Ion: 129 Resp: 166656

Ion	Ratio	Lower	Upper
129	100		
127	76.0	51.9	96.5

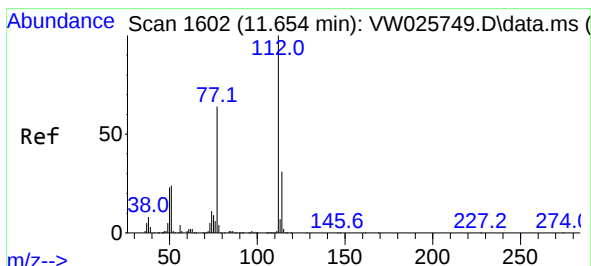
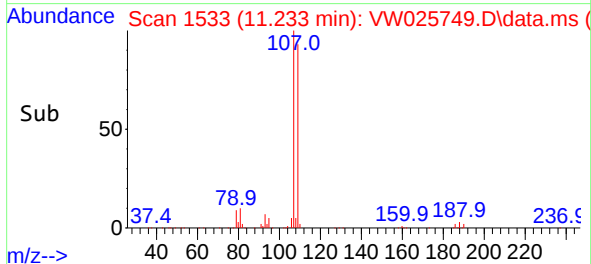
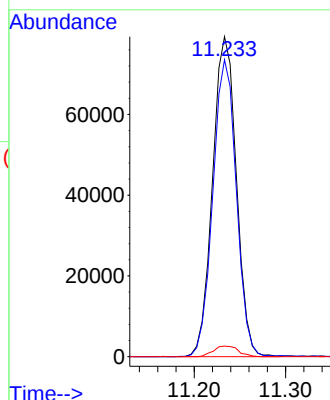
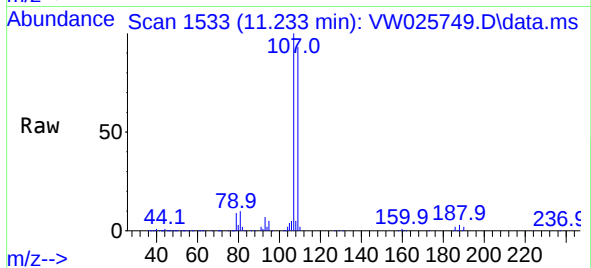




#50
1,2-Dibromoethane
Concen: 24.773 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

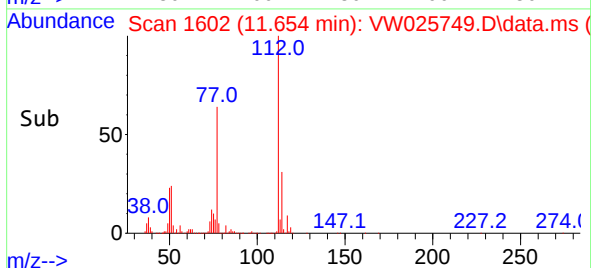
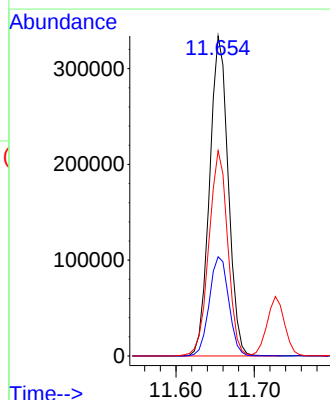
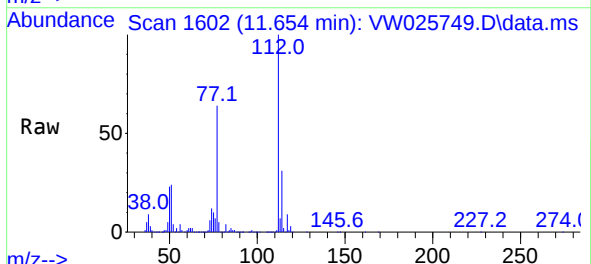
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

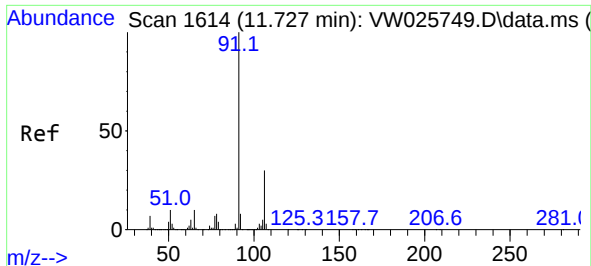
Tgt Ion:107 Resp: 143125
Ion Ratio Lower Upper
107 100
109 92.8 66.9 124.3
188 3.3 2.1 3.1#



#51
Chlorobenzene
Concen: 24.384 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

Tgt Ion:112 Resp: 552026
Ion Ratio Lower Upper
112 100
114 31.0 21.2 39.4
77 64.2 51.5 77.3





#52

Ethylbenzene

Concen: 25.141 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025749.D

Acq: 28 Apr 2023 08:49

Instrument :

MSVOA_W

ClientSampleId :

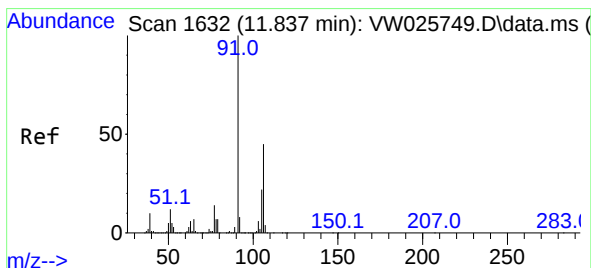
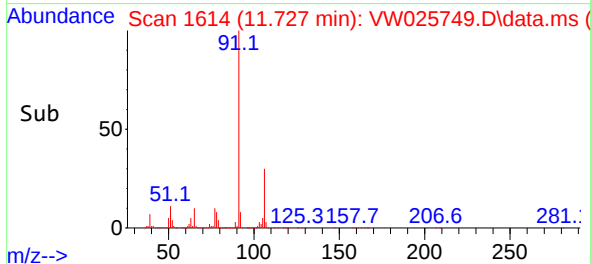
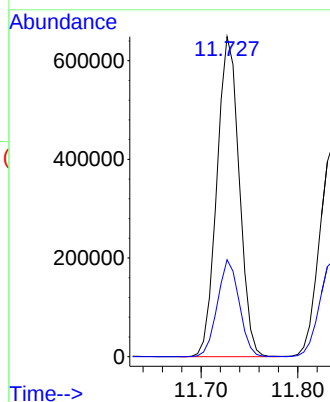
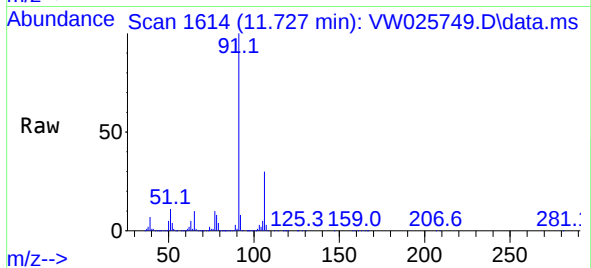
VSTD025585

Tgt Ion: 91 Resp: 1037128

Ion Ratio Lower Upper

91 100

106 30.3 20.4 37.8



#53

m,p-Xylene

Concen: 24.859 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW025749.D

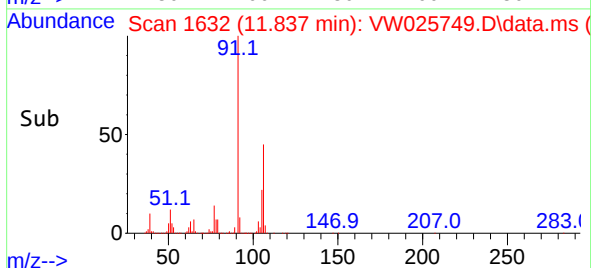
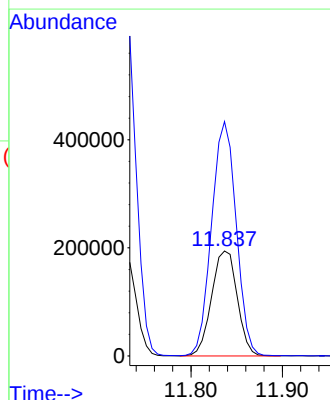
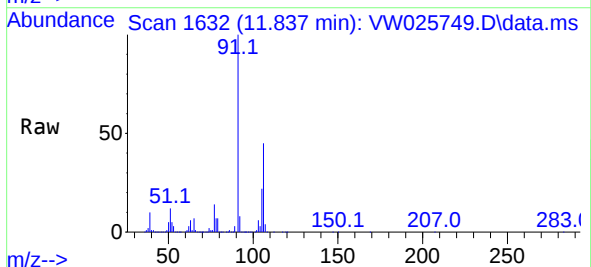
Acq: 28 Apr 2023 08:49

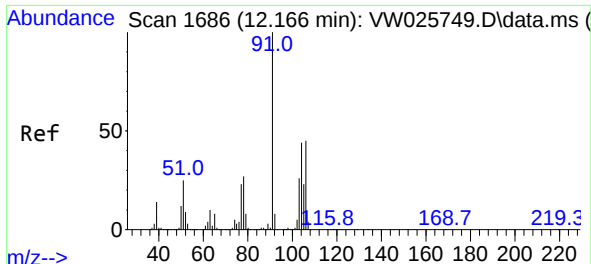
Tgt Ion:106 Resp: 378571

Ion Ratio Lower Upper

106 100

91 223.3 151.1 280.5

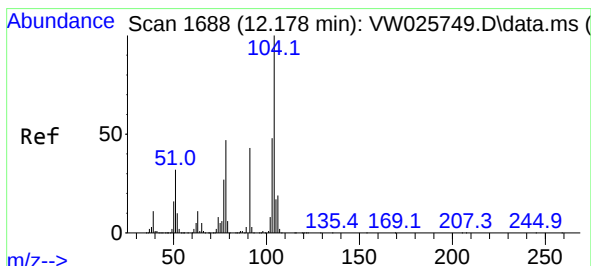
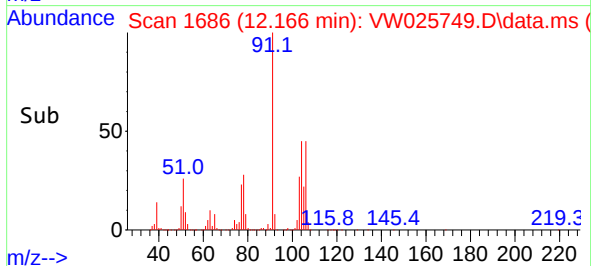
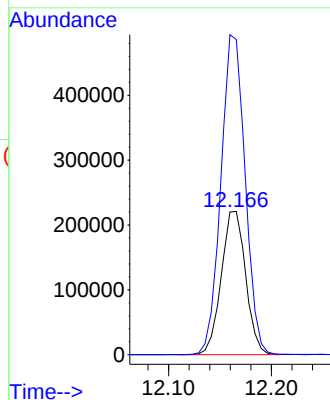
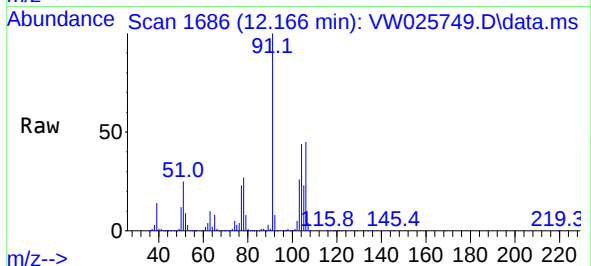




#54
o-Xylene
Concen: 25.617 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

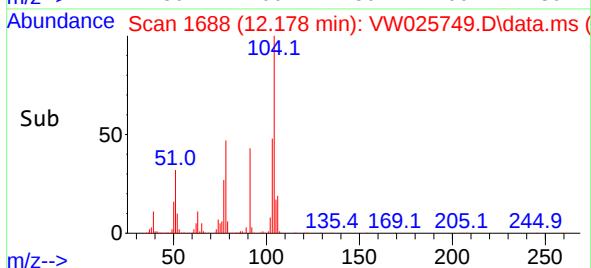
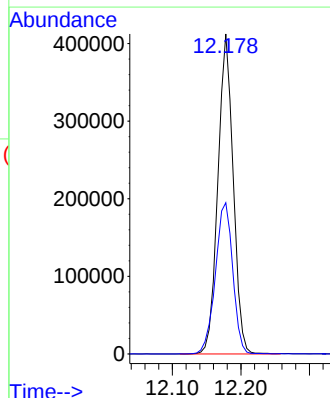
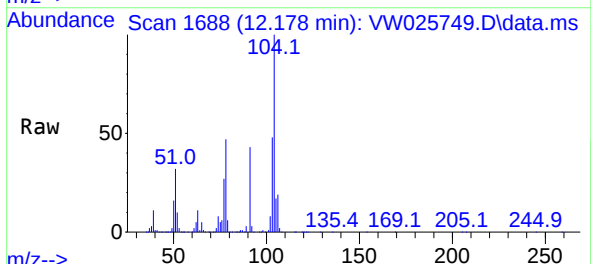
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

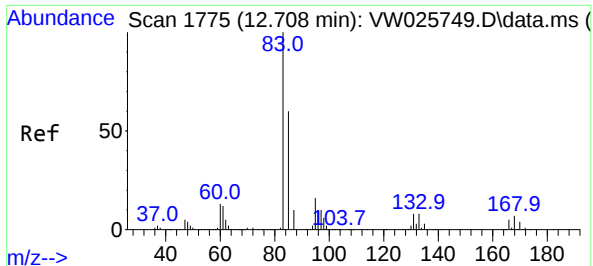
Tgt Ion:106 Resp: 363755
Ion Ratio Lower Upper
106 100
91 220.0 150.8 280.1



#55
Styrene
Concen: 26.553 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

Tgt Ion:104 Resp: 639181
Ion Ratio Lower Upper
104 100
78 47.3 34.2 63.6

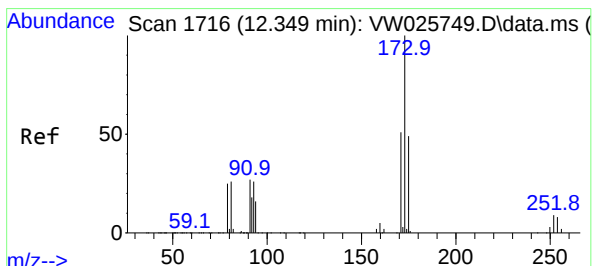
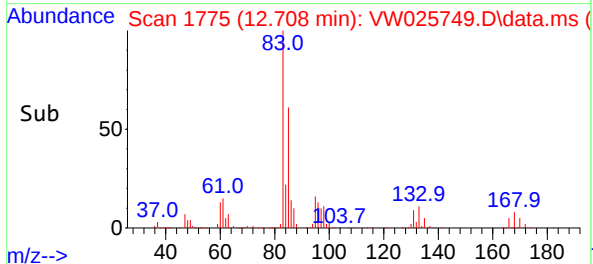
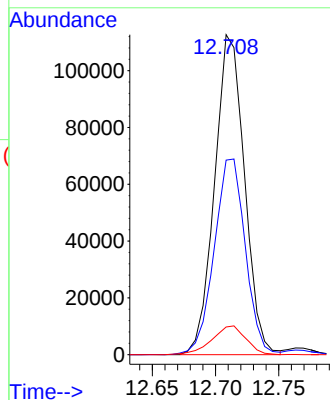
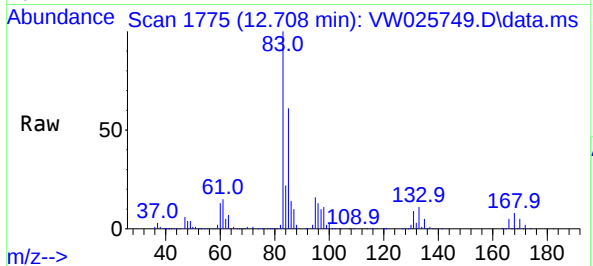




#57
1,1,2,2-Tetrachloroethane
Concen: 24.035 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

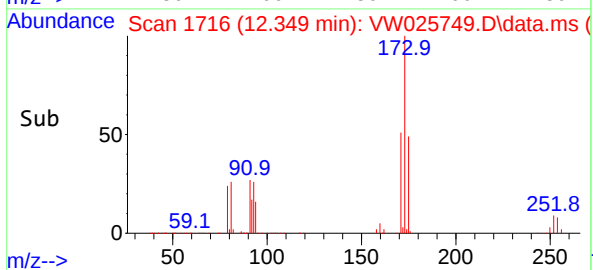
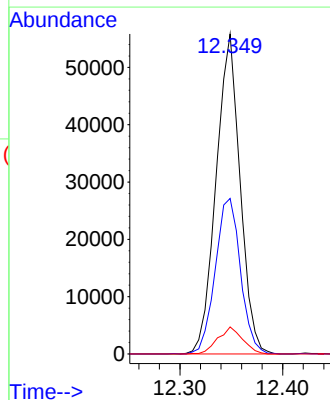
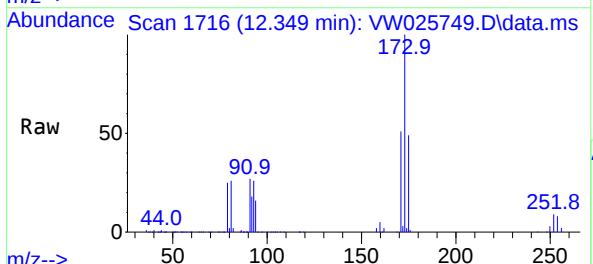
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

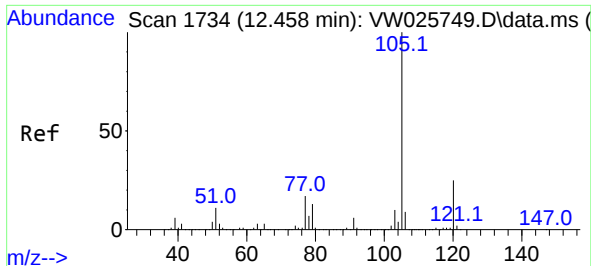
Tgt Ion: 83 Resp: 185383
Ion Ratio Lower Upper
83 100
85 60.8 42.2 78.4
131 8.6 6.6 9.8



#59
Bromoform
Concen: 25.040 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

Tgt Ion: 173 Resp: 90450
Ion Ratio Lower Upper
173 100
175 51.1 39.4 59.2
254 8.7 7.8 11.6

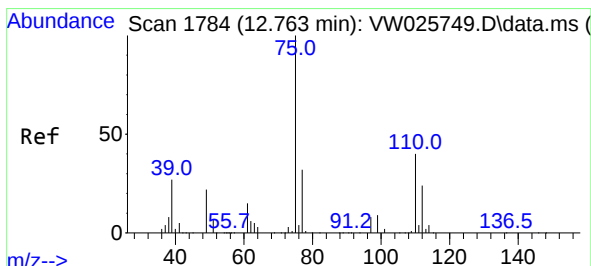
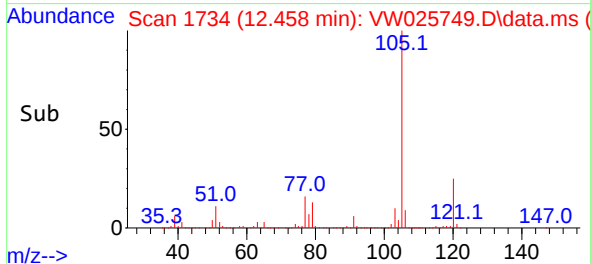
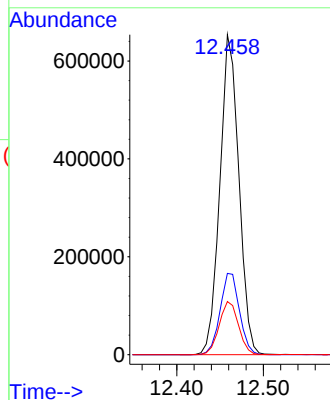
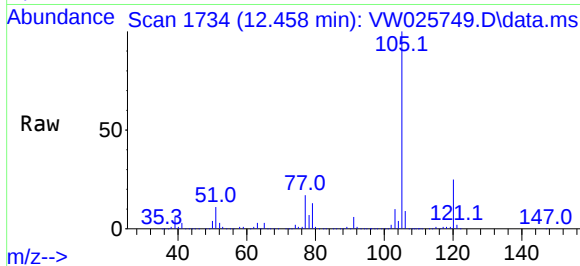




#60
Isopropylbenzene
Concen: 24.840 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

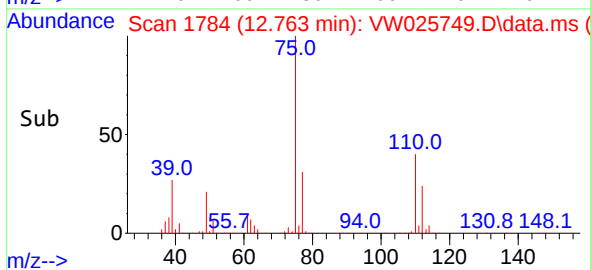
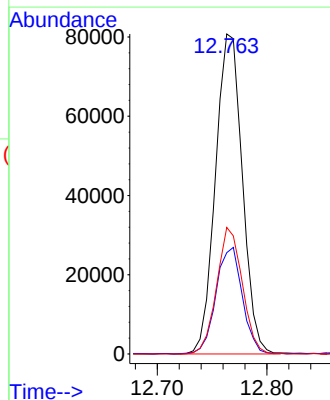
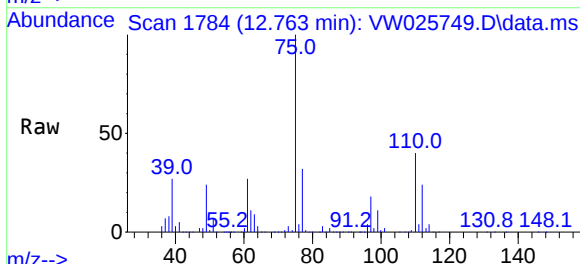
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

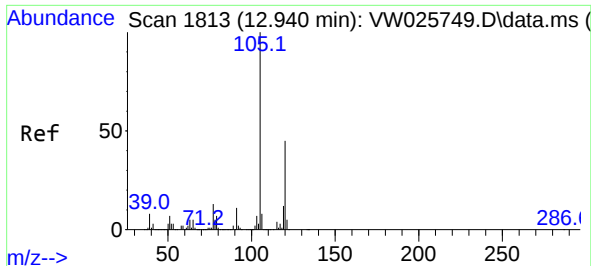
Tgt Ion:105 Resp: 994611
Ion Ratio Lower Upper
105 100
120 25.9 20.9 31.3
77 16.9 13.8 20.6



#61
1,2,3-Trichloropropane
Concen: 24.281 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

Tgt Ion: 75 Resp: 137673
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9
110 37.6 28.7 43.1

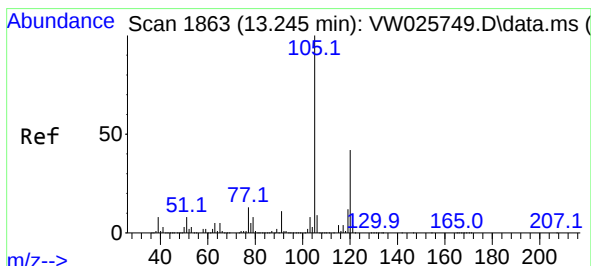
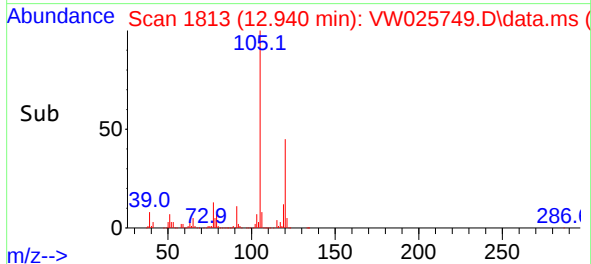
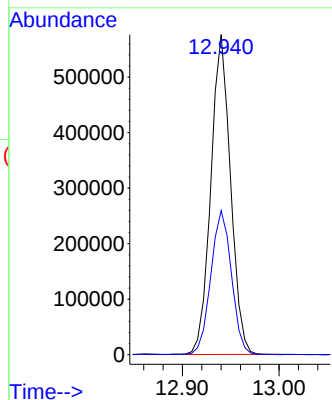
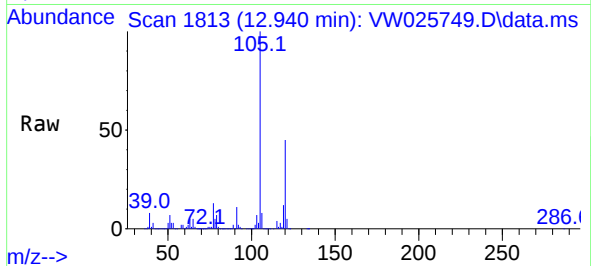




#62
1,3,5-Trimethylbenzene
Concen: 25.833 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

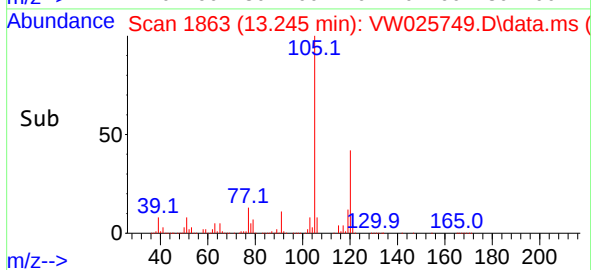
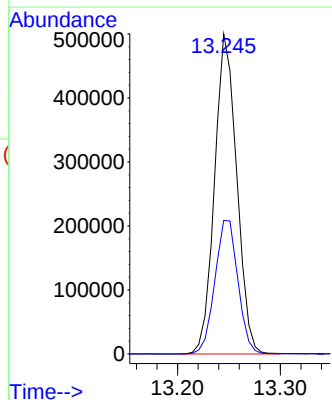
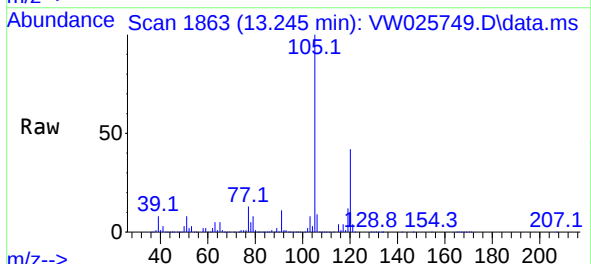
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

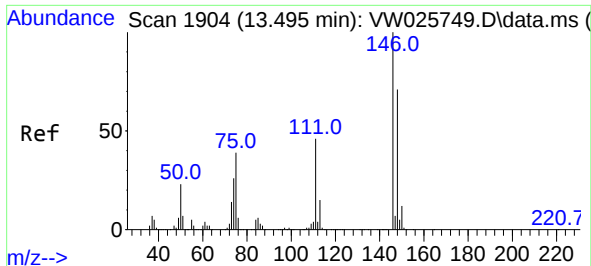
Tgt Ion:105 Resp: 813291
Ion Ratio Lower Upper
105 100
120 47.1 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 26.324 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

Tgt Ion:105 Resp: 748616
Ion Ratio Lower Upper
105 100
120 43.5 35.7 53.5

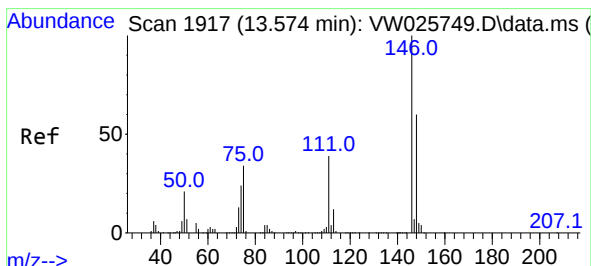
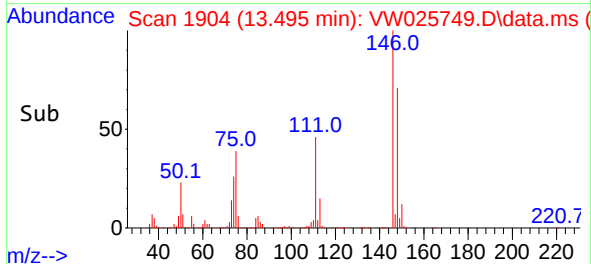
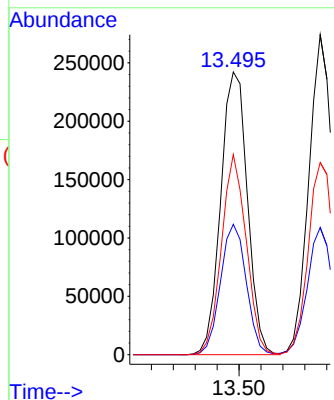
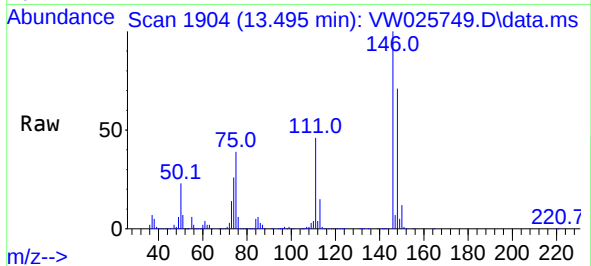




#64
1,3-Dichlorobenzene
Concen: 24.258 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

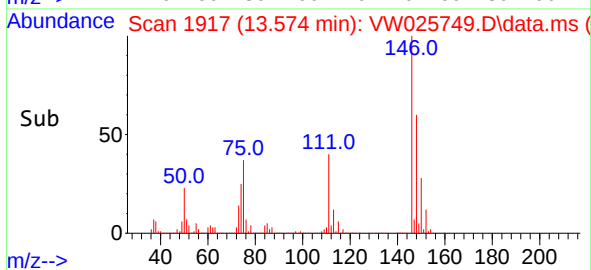
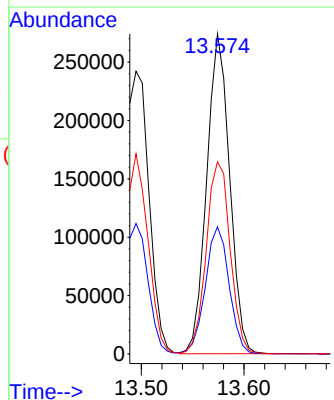
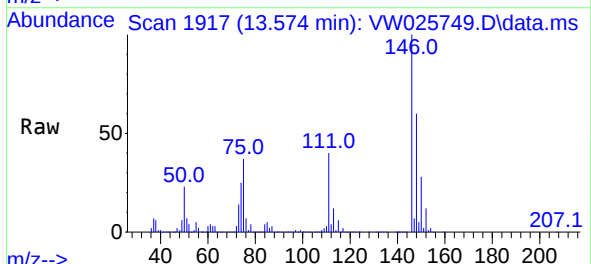
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

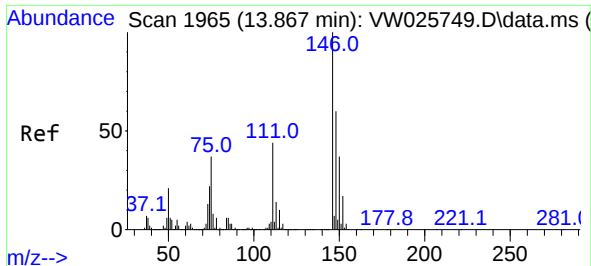
Tgt Ion:146 Resp: 409905
Ion Ratio Lower Upper
146 100
111 46.1 33.0 61.4
148 70.8 48.6 90.3



#65
1,4-Dichlorobenzene
Concen: 24.791 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

Tgt Ion:146 Resp: 424739
Ion Ratio Lower Upper
146 100
111 39.7 30.4 56.4
148 60.0 49.3 91.5

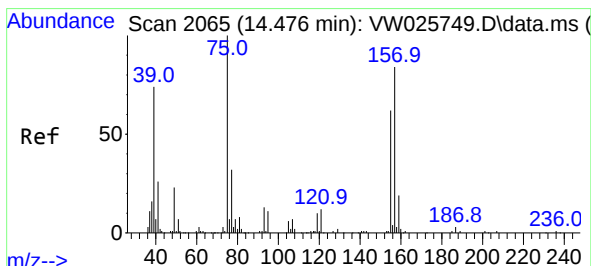
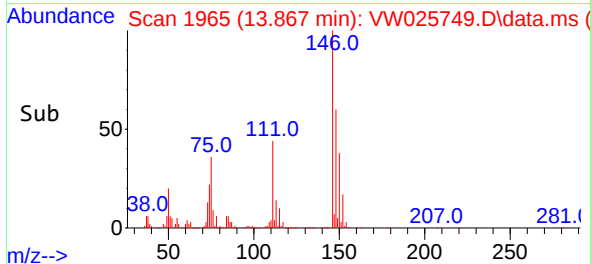
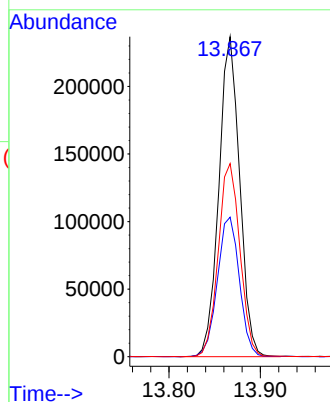
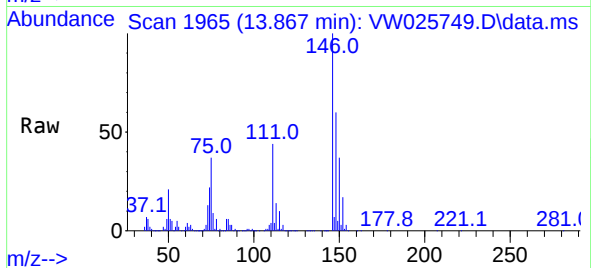




#67
1,2-Dichlorobenzene
Concen: 25.130 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

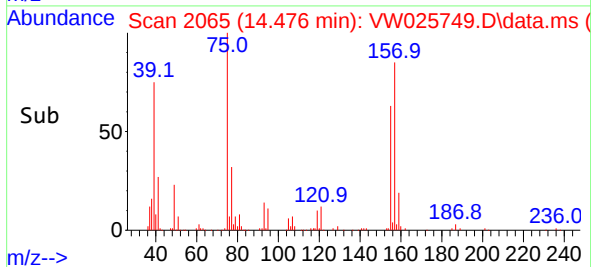
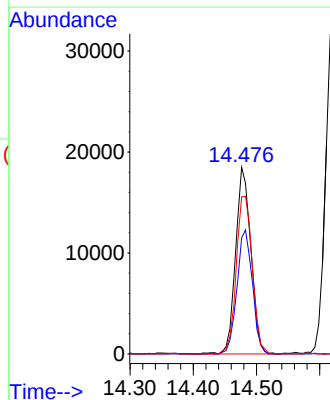
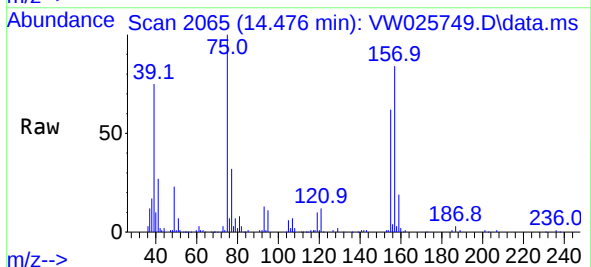
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

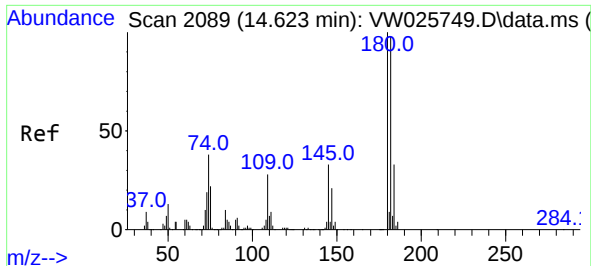
Tgt Ion:146 Resp: 374649
Ion Ratio Lower Upper
146 100
111 43.6 36.2 54.2
148 60.3 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 23.926 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

Tgt Ion: 75 Resp: 31059
Ion Ratio Lower Upper
75 100
155 62.1 50.3 75.5
157 84.1 68.4 102.6

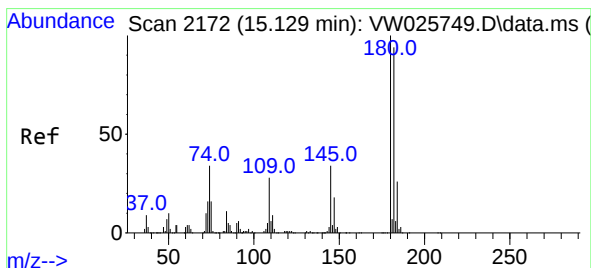
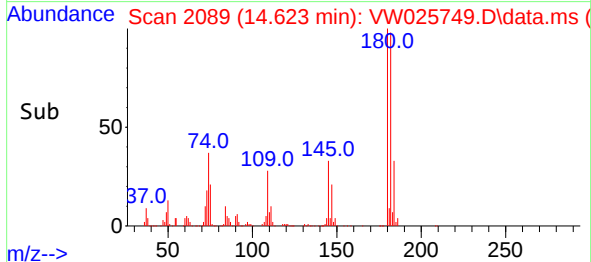
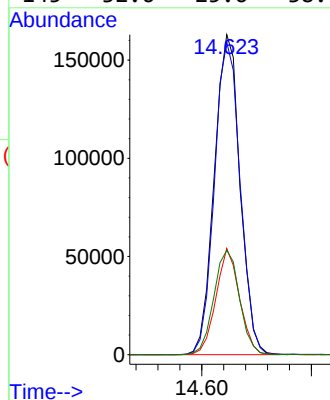
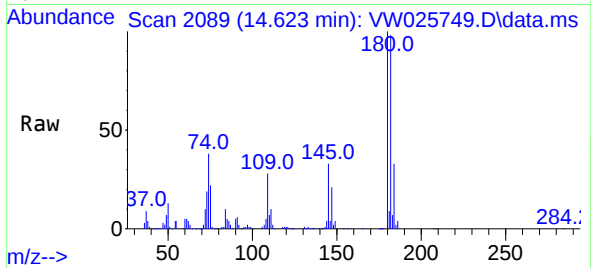




#69
1,3,5-Trichlorobenzene
Concen: 24.138 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

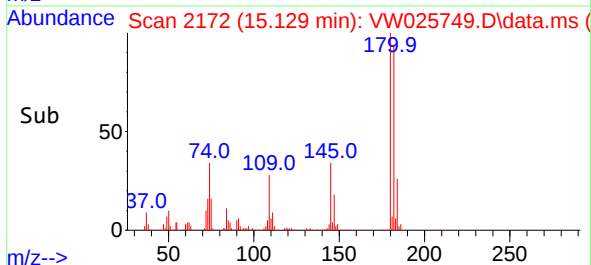
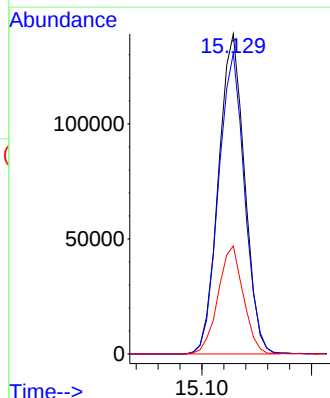
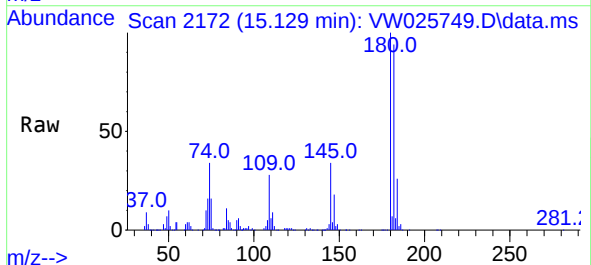
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

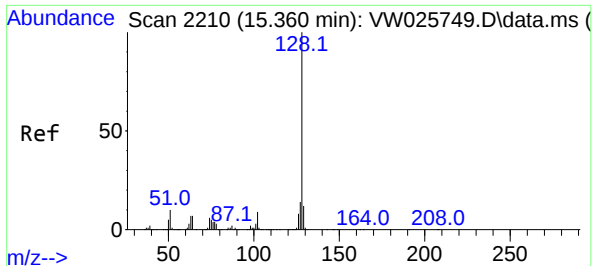
Tgt Ion:	180	Resp:	265359
Ion Ratio	Lower	Upper	
180	100		
182	97.5	79.0	118.4
184	30.5	23.8	35.8
145	32.6	25.6	38.4



#70
1,2,4-trichlorobenzene
Concen: 24.451 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

Tgt Ion:	180	Resp:	229525
Ion Ratio	Lower	Upper	
180	100		
182	94.0	76.7	115.1
145	32.7	26.4	39.6

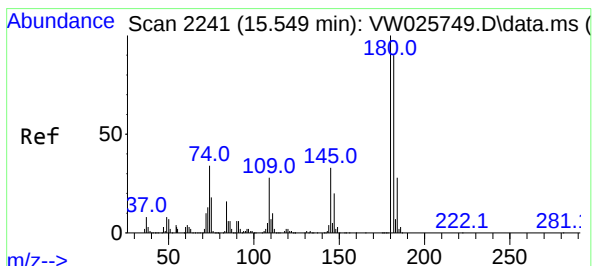
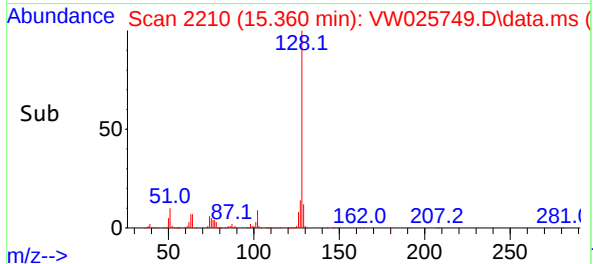
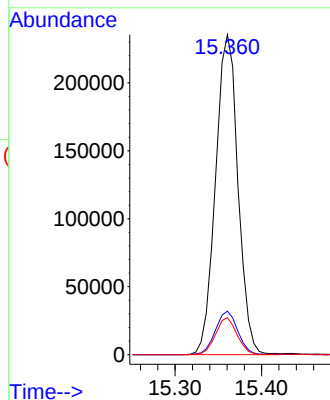
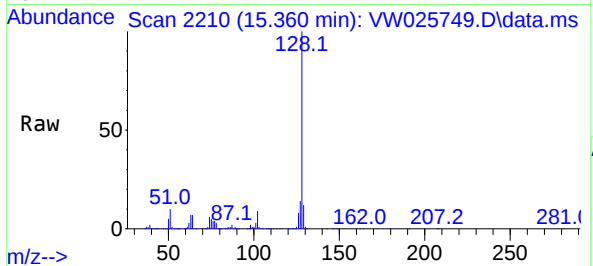




#71
Naphthalene
Concen: 25.271 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

Tgt Ion:128 Resp: 423703
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 11.1 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 25.281 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW025749.D
Acq: 28 Apr 2023 08:49

Tgt Ion:180 Resp: 209470
Ion Ratio Lower Upper
180 100
182 92.9 75.6 113.4
145 33.6 27.4 41.0

