

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071123\
 Data File : VW026588.D
 Acq On : 11 Jul 2023 10:57
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV419

Quant Time: Jul 12 07:16:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 12 07:03:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	609554	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	528224	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	256547	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	232936	22.655	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.600%
7) Chloroethane-d5	2.899	69	166593	23.090	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.360%
11) 1,1-Dichloroethene-d2	4.015	65	110744	22.935	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.760%
21) 2-Butanone-d5	7.075	46	199545	60.050	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.100%
24) Chloroform-d	7.648	84	421159	23.999	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	8.307	65	235613	24.045	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	8.276	84	879140	24.245	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.960%
36) 1,2-Dichloropropane-d6	9.276	67	267997	24.036	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.160%
41) Toluene-d8	10.325	98	775789	24.944	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.760%
43) trans-1,3-Dichloroprop...	10.581	79	111240	24.896	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.600%
47) 2-Hexanone-d5	10.922	63	137578	63.235	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	244096	25.852	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	231496	24.577	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	135159	19.657	ug/L	95
3) Chloromethane	2.229	50	226710	23.076	ug/L	100
5) Vinyl chloride	2.375	62	239672	23.148	ug/L	100
6) Bromomethane	2.783	94	125652	22.829	ug/L	99
8) Chloroethane	2.936	64	134974	23.313	ug/L	99
9) Trichlorofluoromethane	3.265	101	179793	23.444	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	204008	23.970	ug/L	99
12) 1,1-Dichloroethene	4.045	96	192461	23.569	ug/L	92
13) Acetone	4.118	43	135617	56.737	ug/L	97
14) Carbon disulfide	4.393	76	686521	23.983	ug/L	99
15) Methyl Acetate	4.667	43	157627	27.448	ug/L	99
16) Methylene chloride	4.923	84	221682	20.586	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	211882	24.268	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	346264	25.340	ug/L	100
19) 1,1-Dichloroethane	6.222	63	421082	24.122	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	220179	24.353	ug/L	98
22) 2-Butanone	7.167	43	209465	57.546	ug/L	99
23) Bromochloromethane	7.520	128	92853	23.976	ug/L	95
25) Chloroform	7.673	83	386124	24.142	ug/L	95

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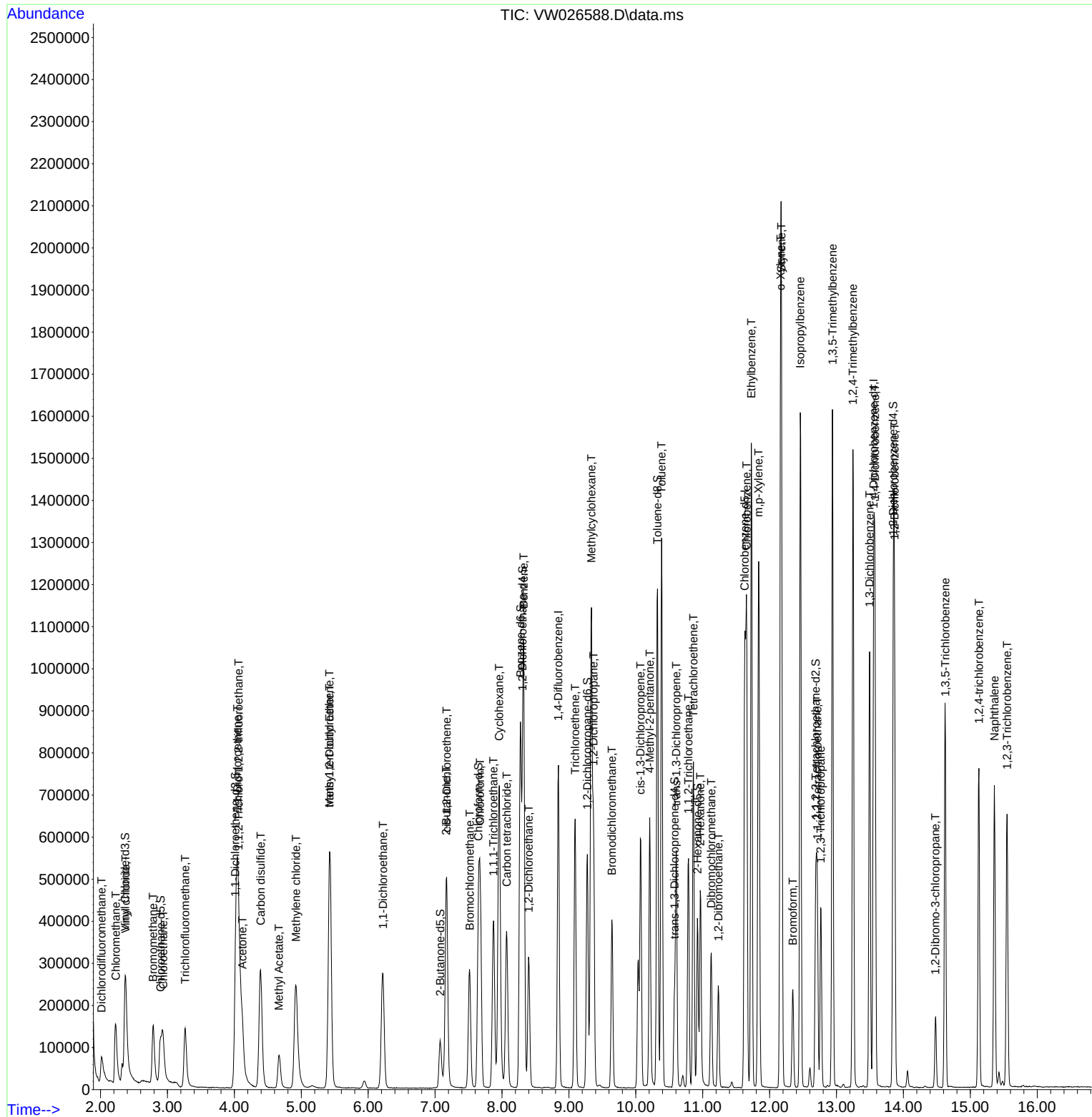
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	278494	24.735	ug/L	99
29) Cyclohexane	7.959	56	431586	26.242	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	324701	25.080	ug/L	99
31) Carbon tetrachloride	8.069	117	286953	24.417	ug/L	100
33) Benzene	8.325	78	888893	24.423	ug/L	100
34) Trichloroethene	9.093	95	227260	24.308	ug/L	99
35) Methylcyclohexane	9.337	83	436654	26.011	ug/L	99
37) 1,2-Dichloropropane	9.368	63	237260	24.547	ug/L	100
38) Bromodichloromethane	9.642	83	270961	24.675	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	349923	25.146	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	434532	59.564	ug/L	100
42) Toluene	10.386	91	925491	25.180	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	297453	25.345	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	170985	25.347	ug/L	97
46) Tetrachloroethene	10.861	164	166318	25.059	ug/L	84
48) 2-Hexanone	10.965	43	318583	62.575	ug/L	99
49) Dibromochloromethane	11.129	129	167251	25.039	ug/L	97
50) 1,2-Dibromoethane	11.233	107	164958	25.941	ug/L	97
51) Chlorobenzene	11.654	112	549463	24.382	ug/L	98
52) Ethylbenzene	11.727	91	1046534	25.575	ug/L	99
53) m,p-Xylene	11.837	106	383565	25.765	ug/L	95
54) o-Xylene	12.166	106	357663	25.596	ug/L	100
55) Styrene	12.178	104	614662	26.079	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	238732	26.966	ug/L	97
59) Bromoform	12.349	173	105635	26.034	ug/L	95
60) Isopropylbenzene	12.458	105	1027204	25.879	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	182555	26.345	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	814581	26.756	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	807303	26.746	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	395496	23.745	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	413357	24.885	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	364737	24.744	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	46259	28.049	ug/L	95
69) 1,3,5-Trichlorobenzene	14.629	180	262424	23.809	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	219518	24.269	ug/L	97
71) Naphthalene	15.360	128	572271	27.938	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	203868	23.942	ug/L	98

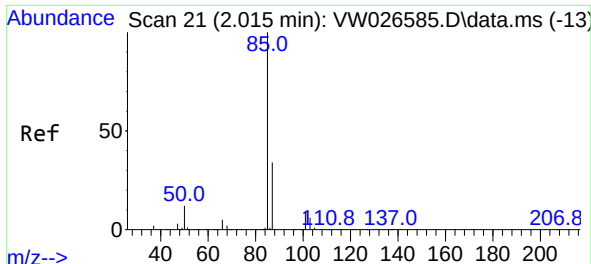
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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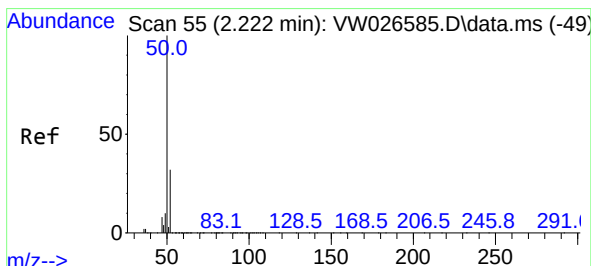
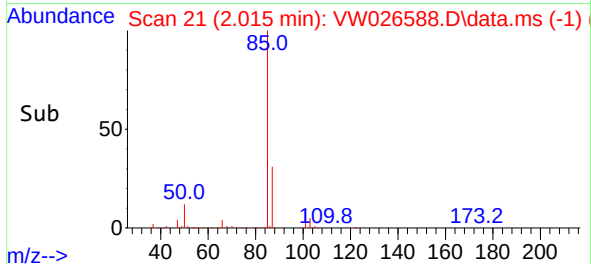
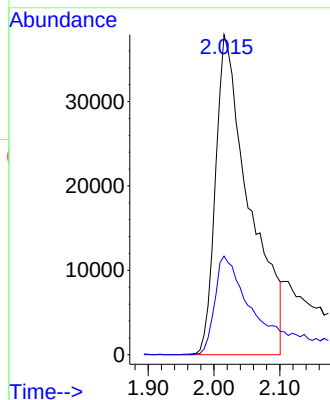
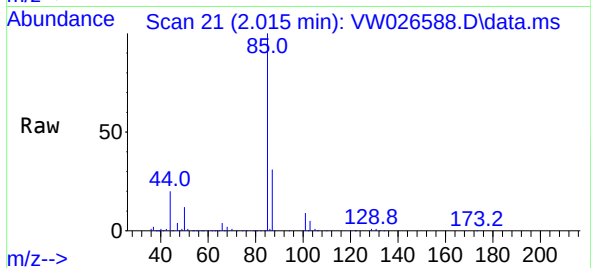




#2
Dichlorodifluoromethane
Concen: 19.657 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

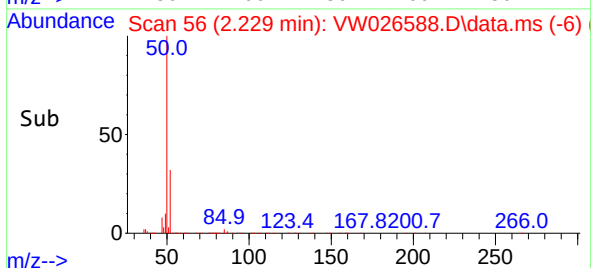
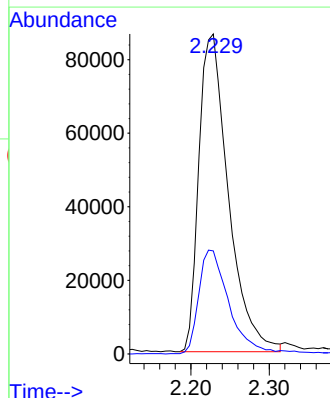
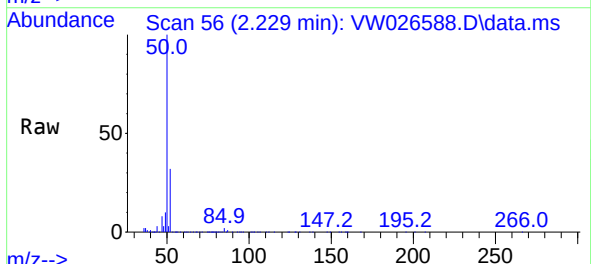
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MSVOA_W
ClientSampleId :
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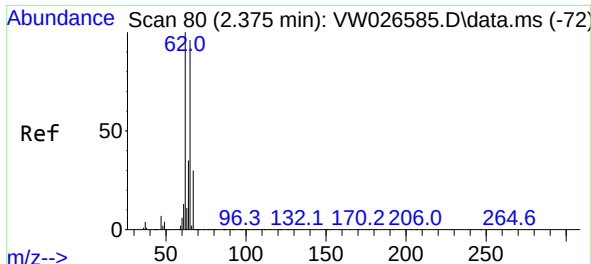
Tgt Ion: 85 Resp: 135159
Ion Ratio Lower Upper
85 100
87 29.5 21.4 32.0



#3
Chloromethane
Concen: 23.076 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

Tgt Ion: 50 Resp: 226710
Ion Ratio Lower Upper
50 100
52 32.2 22.5 41.7

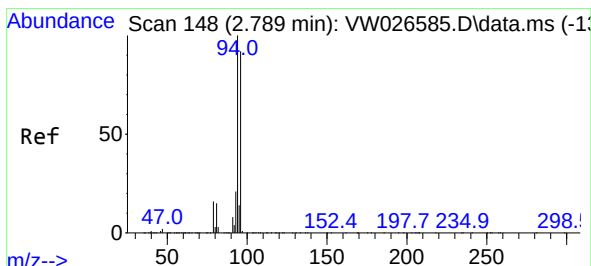
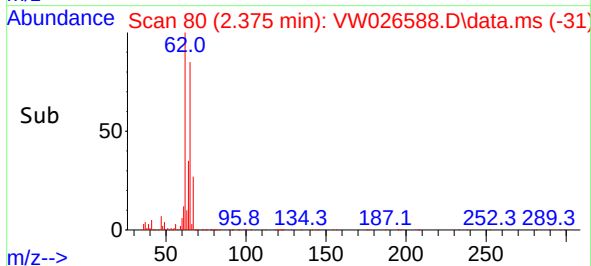
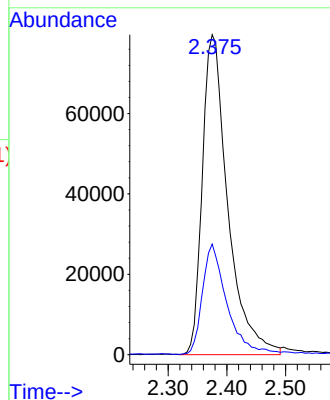
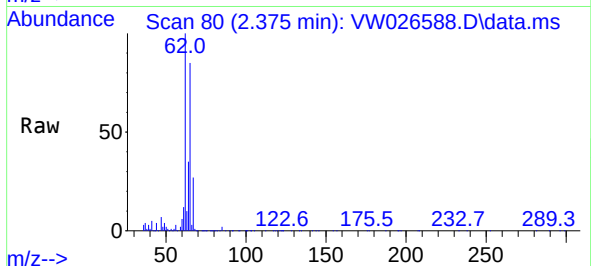




#5
Vinyl chloride
Concen: 23.148 ug/L
RT: 2.375 min Scan# 80
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

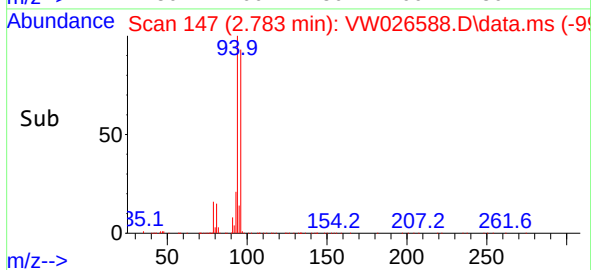
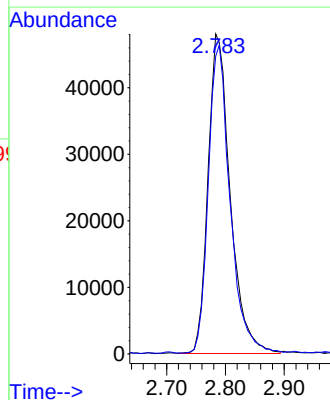
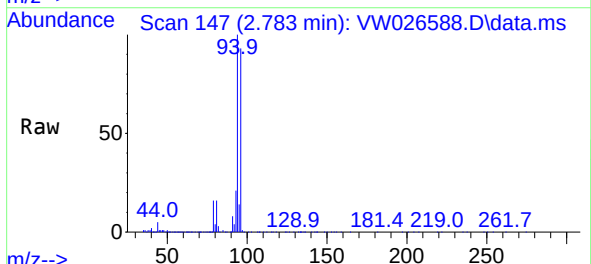
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MSVOA_W
ClientSampleId :
VICV419

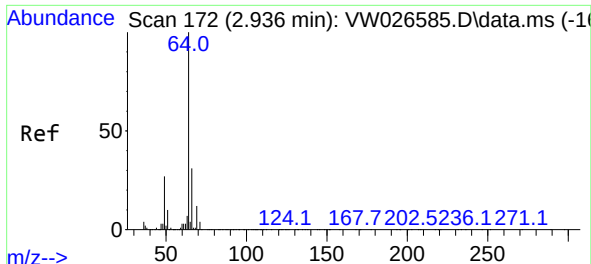
Tgt Ion: 62 Resp: 239672
Ion Ratio Lower Upper
62 100
64 34.6 24.2 45.0



#6
Bromomethane
Concen: 22.829 ug/L
RT: 2.783 min Scan# 147
Delta R.T. -0.006 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

Tgt Ion: 94 Resp: 125652
Ion Ratio Lower Upper
94 100
96 93.1 64.5 119.9

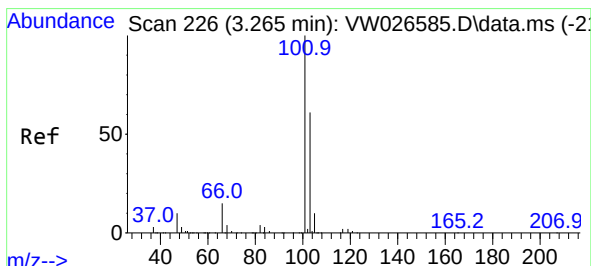
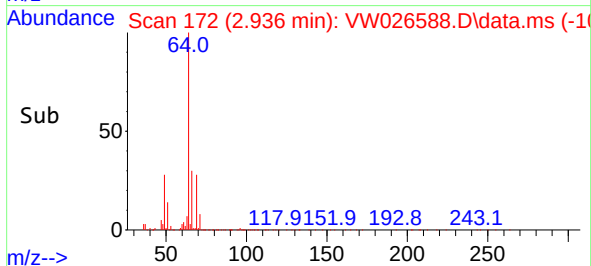
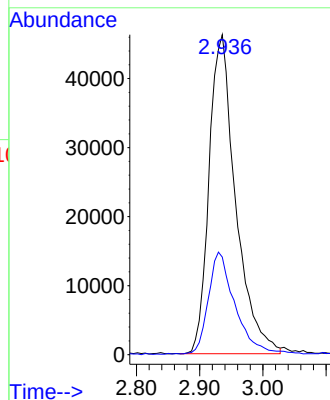
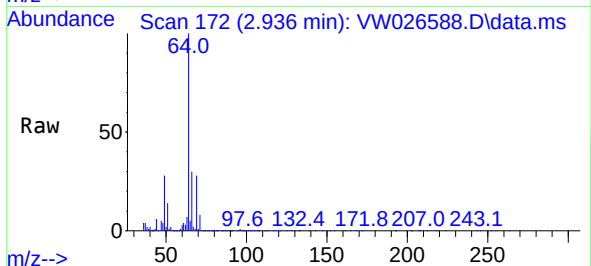




#8
Chloroethane
Concen: 23.313 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

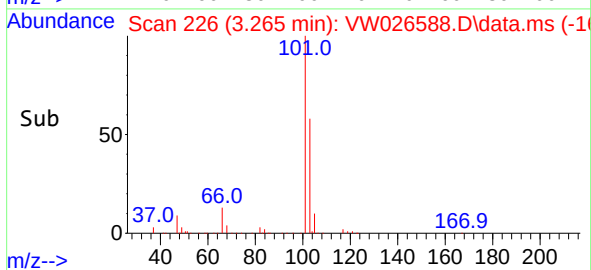
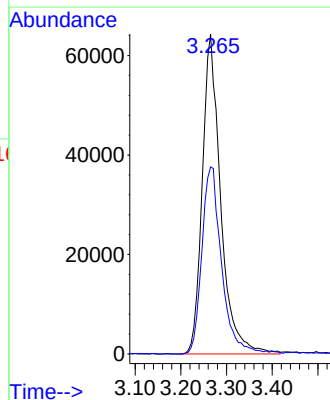
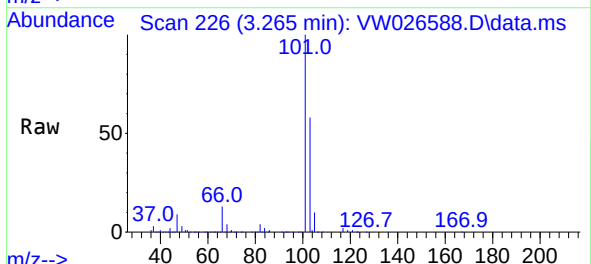
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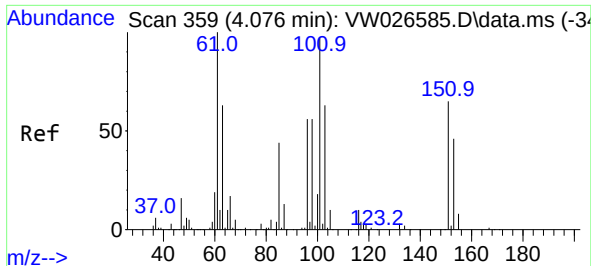
Tgt Ion: 64 Resp: 134974
Ion Ratio Lower Upper
64 100
66 30.5 21.7 40.3



#9
Trichlorofluoromethane
Concen: 23.444 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

Tgt Ion:101 Resp: 179793
Ion Ratio Lower Upper
101 100
103 62.4 50.3 75.5

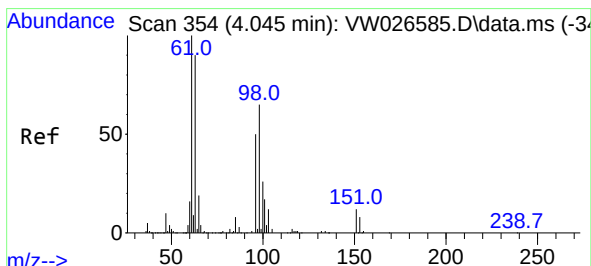
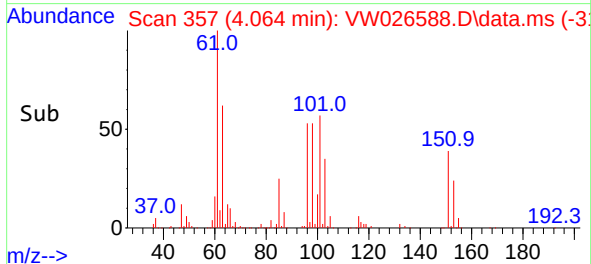
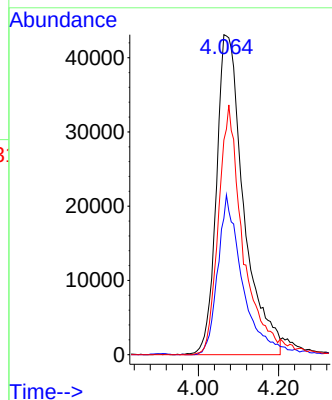
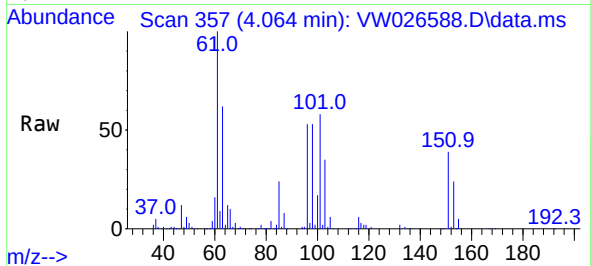




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.970 ug/L
 RT: 4.064 min Scan# 310
 Delta R.T. -0.012 min
 Lab File: VW026588.D
 Acq: 11 Jul 2023 10:57

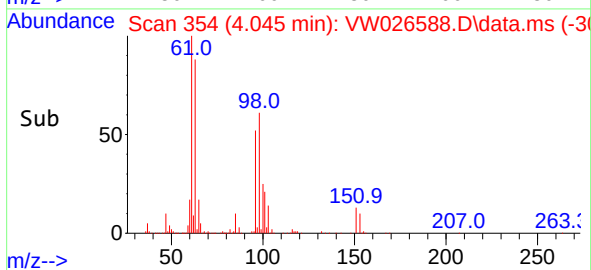
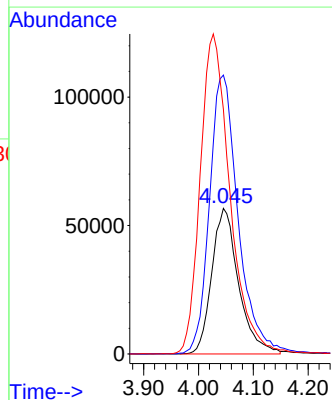
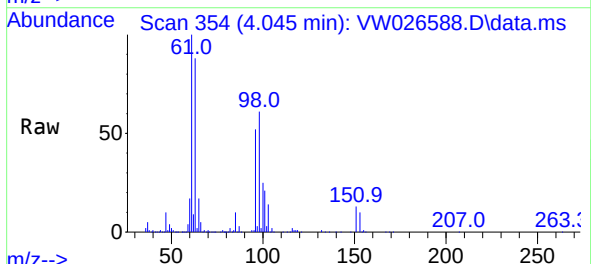
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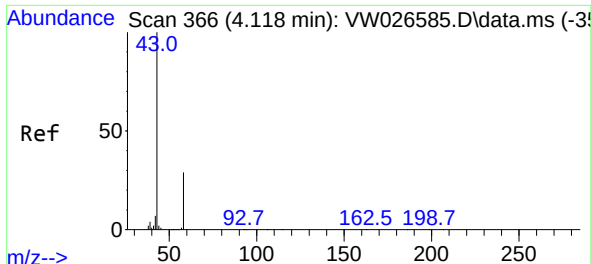
Tgt Ion:101 Resp: 204008
 Ion Ratio Lower Upper
 101 100
 85 44.5 36.1 54.1
 151 69.1 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 23.569 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW026588.D
 Acq: 11 Jul 2023 10:57

Tgt Ion: 96 Resp: 192461
 Ion Ratio Lower Upper
 96 100
 61 191.5 140.8 261.4
 63 168.0 127.7 237.3

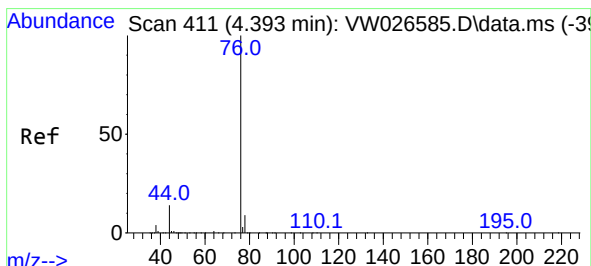
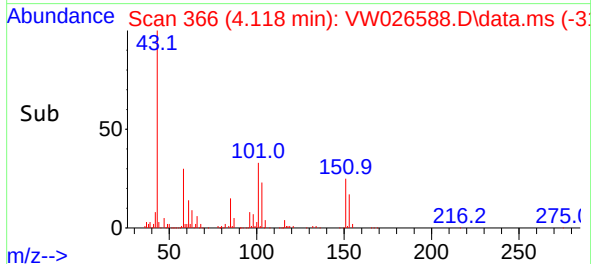
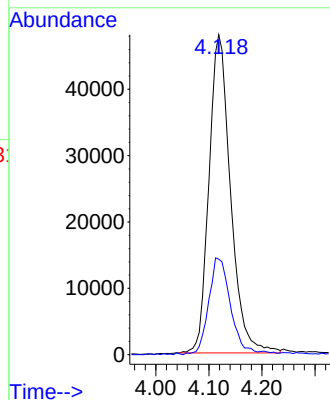
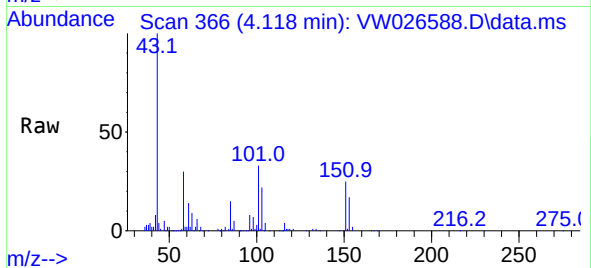




#13
Acetone
Concen: 56.737 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

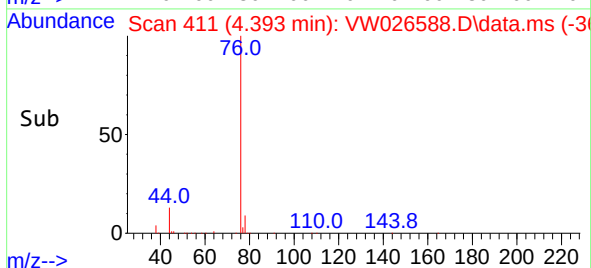
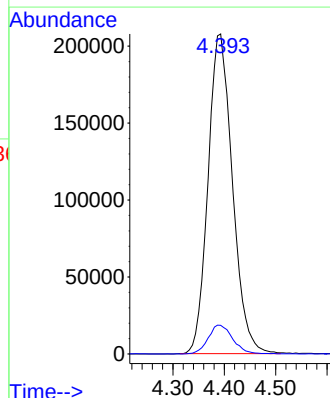
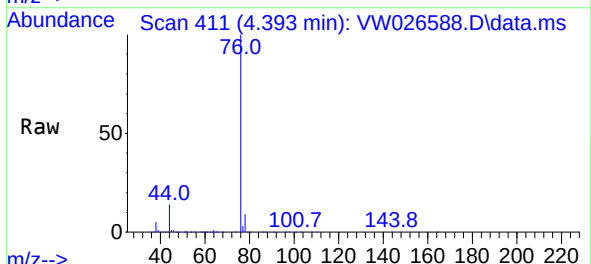
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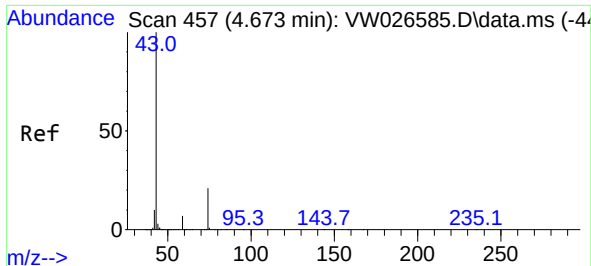
Tgt Ion: 43 Resp: 135617
Ion Ratio Lower Upper
43 100
58 30.0 0.0 63.2



#14
Carbon disulfide
Concen: 23.983 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 686521
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3

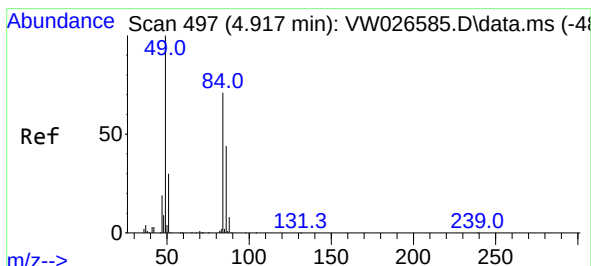
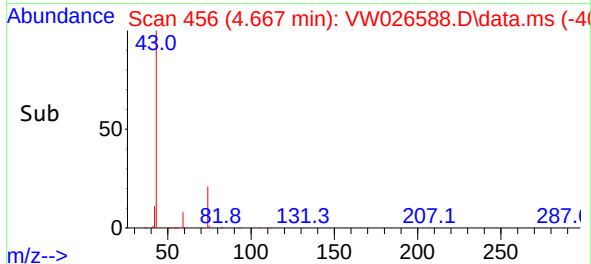
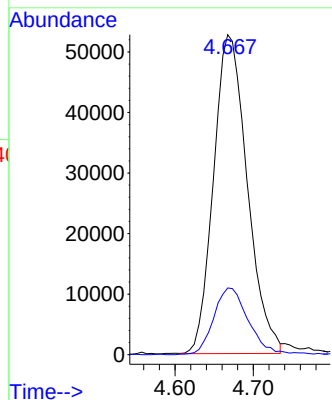
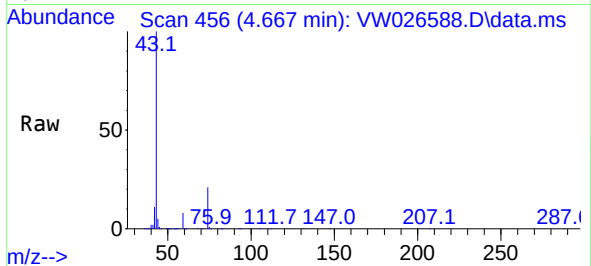




#15
Methyl Acetate
Concen: 27.448 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

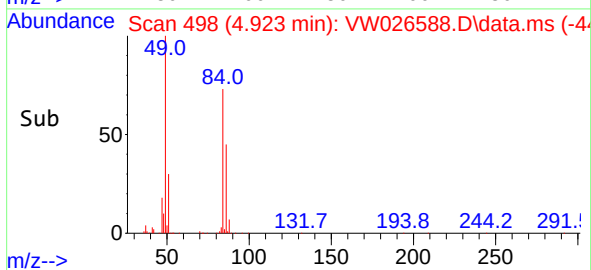
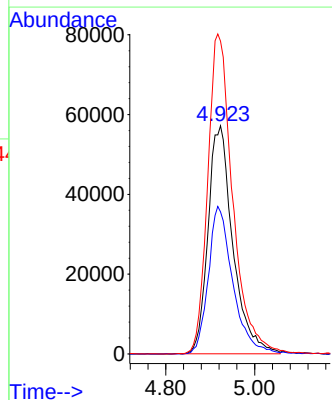
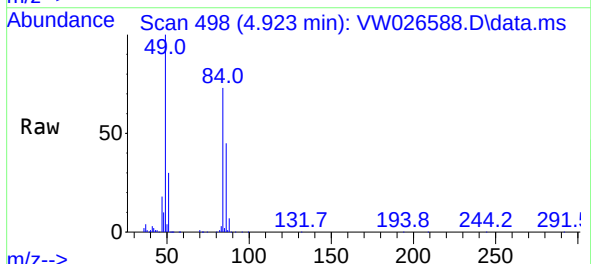
Instrument :
MSVOA_W
ClientSampleId :
VICV419

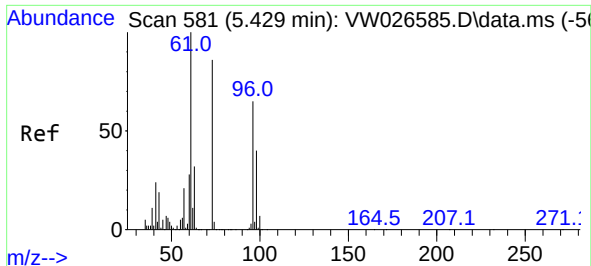
Tgt Ion: 43 Resp: 157627
Ion Ratio Lower Upper
43 100
74 21.1 16.3 24.5



#16
Methylene chloride
Concen: 20.586 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

Tgt Ion: 84 Resp: 221682
Ion Ratio Lower Upper
84 100
86 62.3 43.8 81.3
49 137.1 99.2 184.2

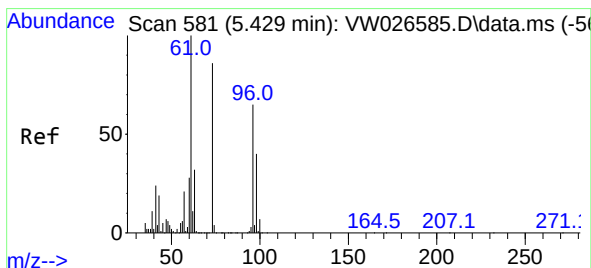
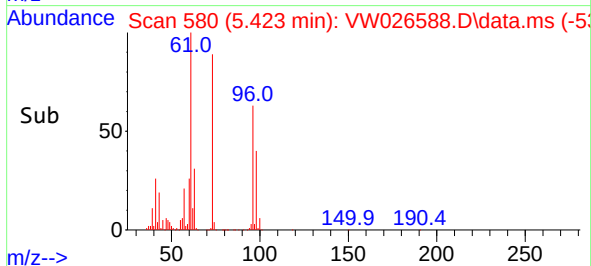
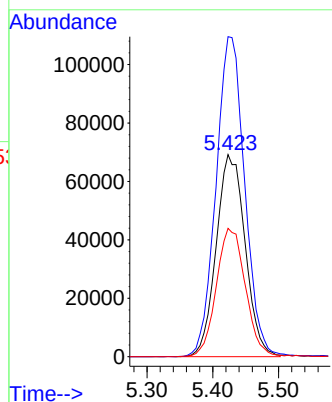
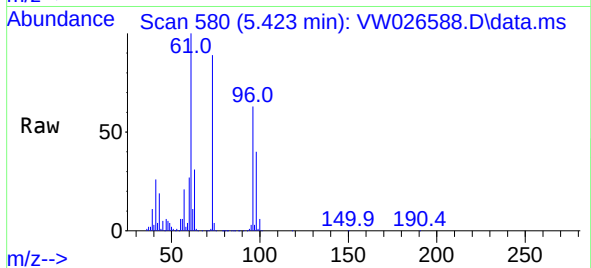




#17
trans-1,2-Dichloroethene
Concen: 24.268 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

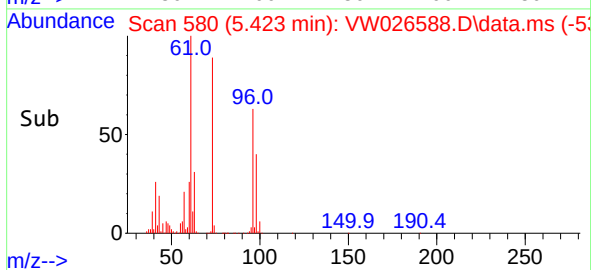
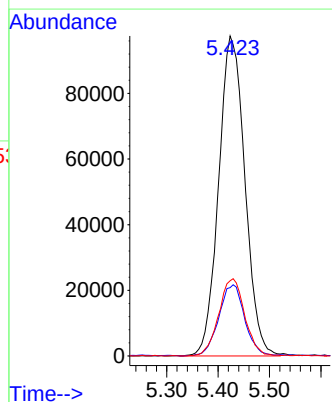
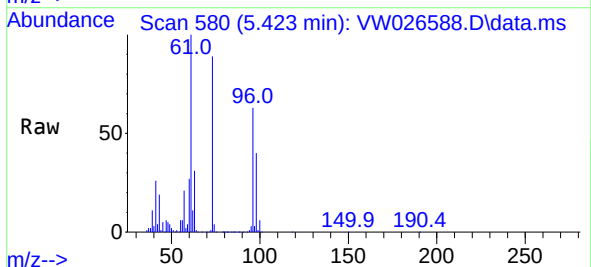
Instrument :
MSVOA_W
ClientSampleId :
VICV419

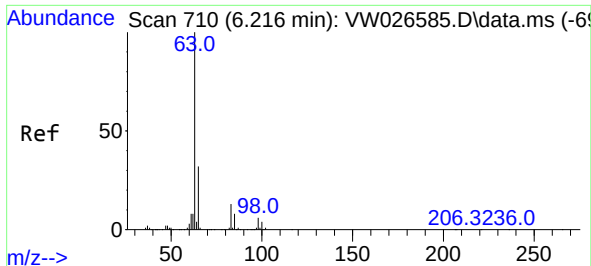
Tgt Ion: 96 Resp: 211882
Ion Ratio Lower Upper
96 100
61 158.4 108.1 200.9
98 63.5 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 25.340 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

Tgt Ion: 73 Resp: 346264
Ion Ratio Lower Upper
73 100
43 21.7 17.4 26.2
57 23.8 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.122 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW026588.D

Acq: 11 Jul 2023 10:57

Instrument :

MSVOA_W

ClientSampleId :

VICV419

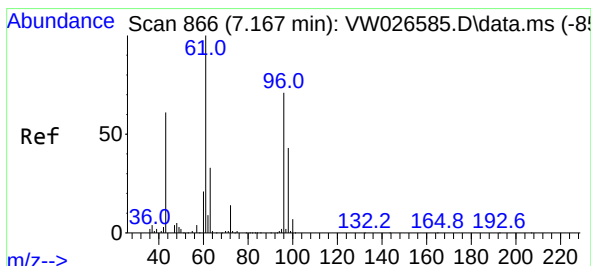
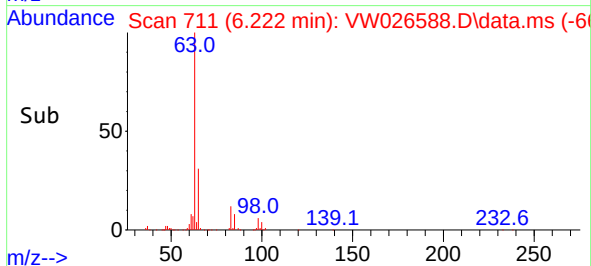
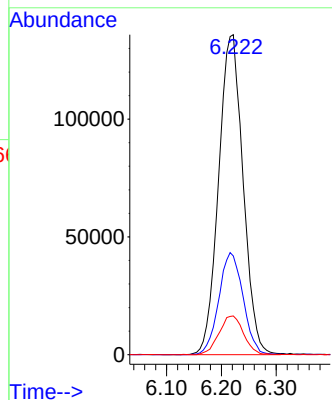
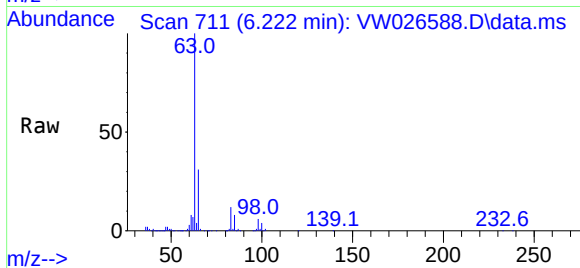
Tgt Ion: 63 Resp: 421082

Ion Ratio Lower Upper

63 100

65 30.8 22.3 41.5

83 12.1 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 24.353 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026588.D

Acq: 11 Jul 2023 10:57

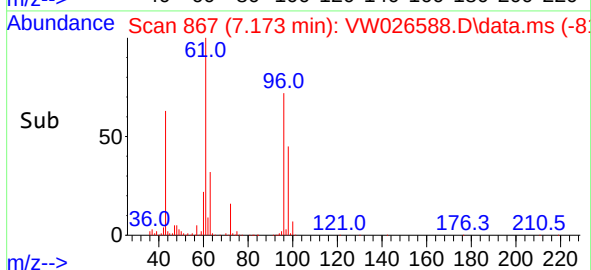
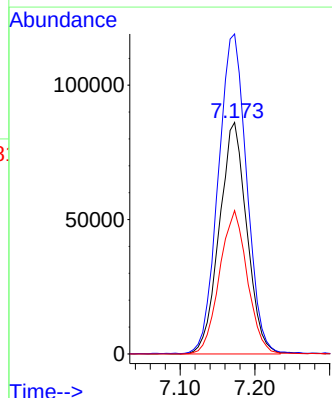
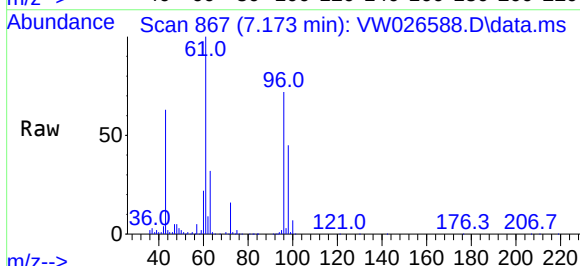
Tgt Ion: 96 Resp: 220179

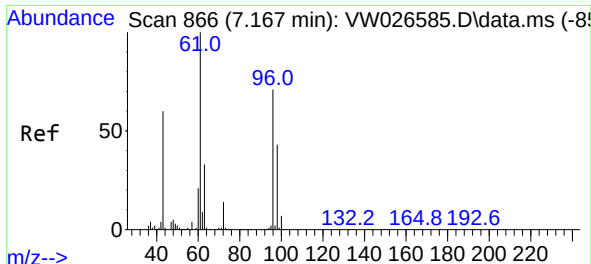
Ion Ratio Lower Upper

96 100

61 138.2 98.8 183.6

98 61.9 42.4 78.6

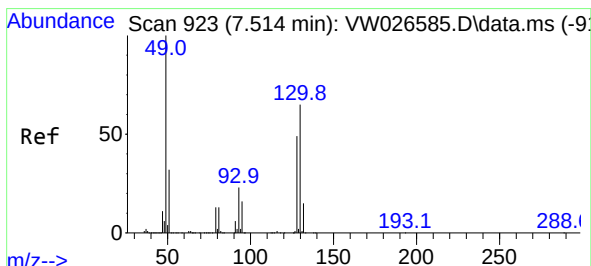
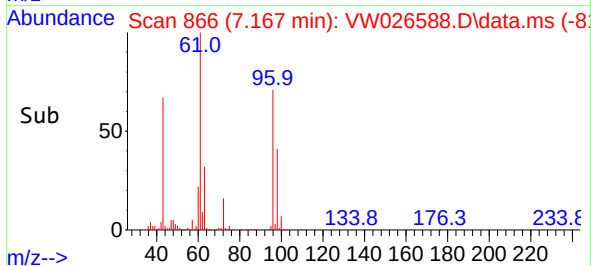
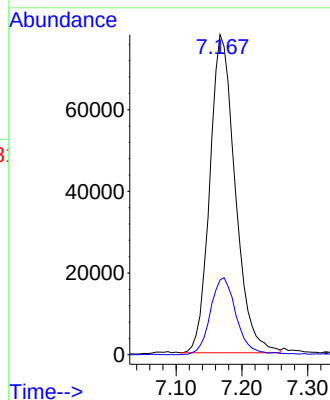
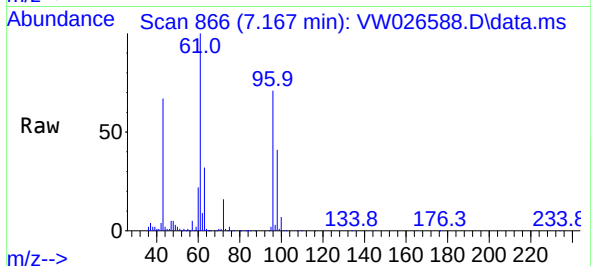




#22
2-Butanone
Concen: 57.546 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

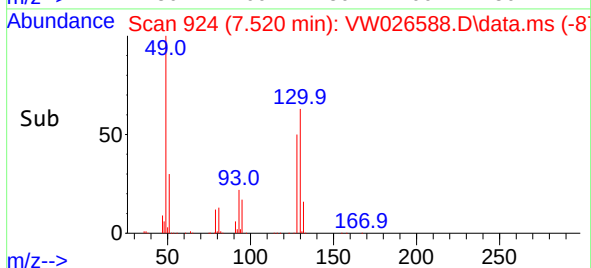
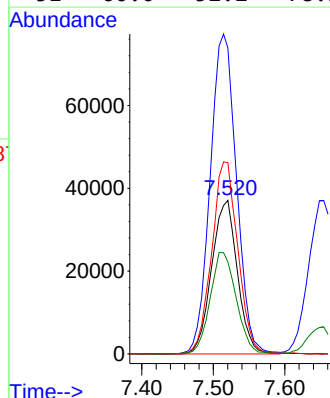
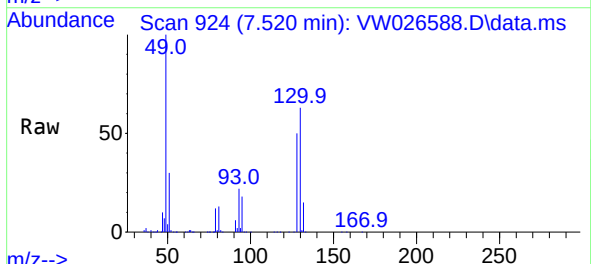
Instrument :
MSVOA_W
ClientSampleId :
VICV419

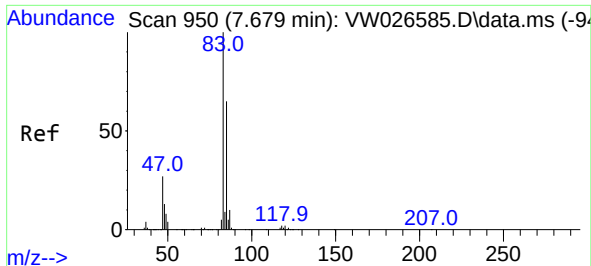
Tgt Ion: 43 Resp: 209465
Ion Ratio Lower Upper
43 100
72 24.4 11.9 35.5



#23
Bromochloromethane
Concen: 23.976 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

Tgt Ion: 128 Resp: 92853
Ion Ratio Lower Upper
128 100
49 199.0 142.1 263.9
130 124.5 92.9 172.5
51 60.0 52.2 78.2





#25

Chloroform

Concen: 24.142 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW026588.D

Acq: 11 Jul 2023 10:57

Instrument :

MSVOA_W

ClientSampleId :

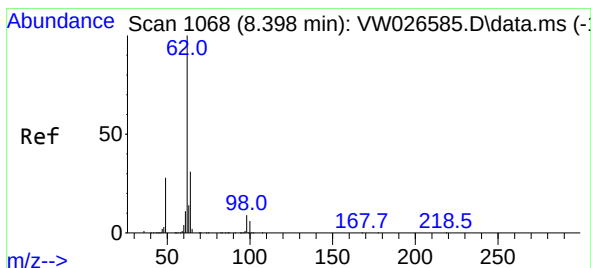
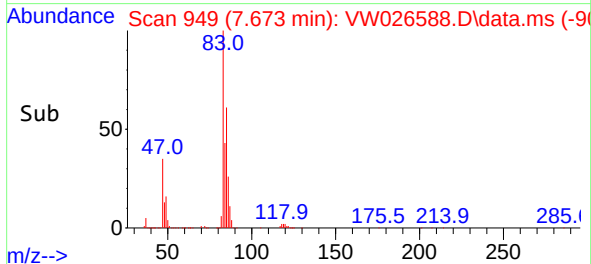
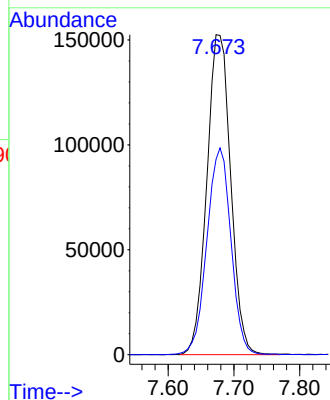
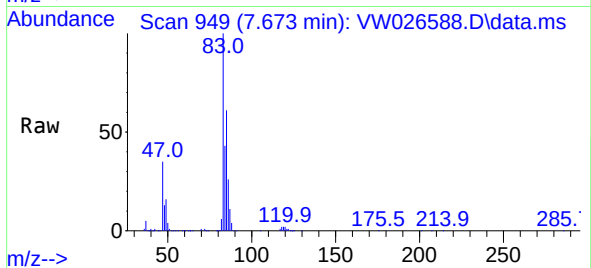
VICV419

Tgt Ion: 83 Resp: 386124

Ion Ratio Lower Upper

83 100

85 61.0 45.7 84.9



#27

1,2-Dichloroethane

Concen: 24.735 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW026588.D

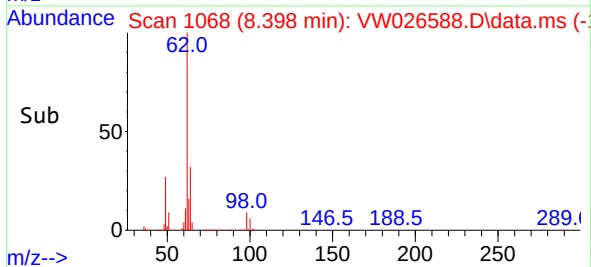
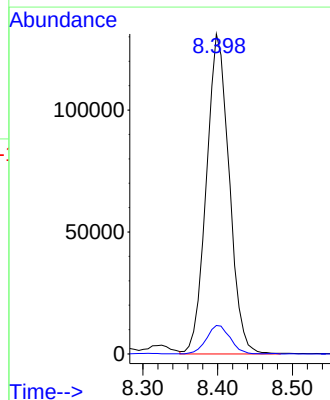
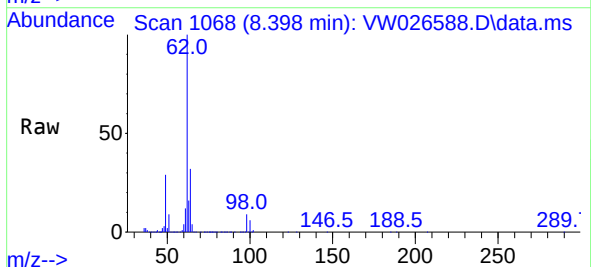
Acq: 11 Jul 2023 10:57

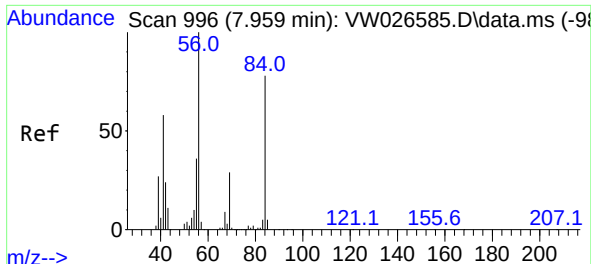
Tgt Ion: 62 Resp: 278494

Ion Ratio Lower Upper

62 100

98 8.9 6.7 10.1





#29

Cyclohexane

Concen: 26.242 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW026588.D

Acq: 11 Jul 2023 10:57

Instrument :

MSVOA_W

ClientSampleId :

VICV419

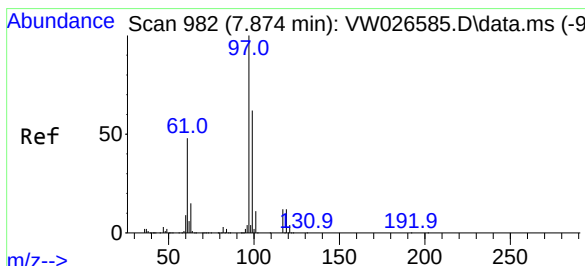
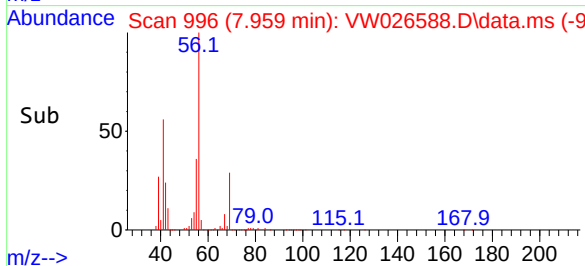
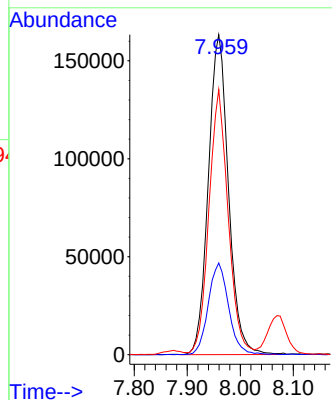
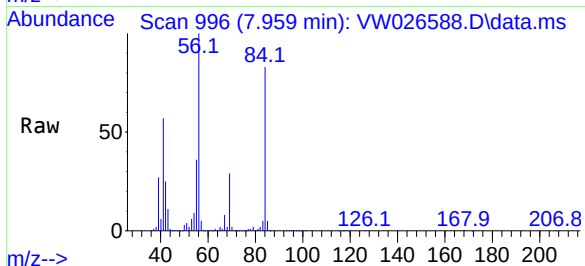
Tgt Ion: 56 Resp: 431586

Ion Ratio Lower Upper

56 100

69 28.6 23.4 35.0

84 78.9 62.6 94.0



#30

1,1,1-Trichloroethane

Concen: 25.080 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW026588.D

Acq: 11 Jul 2023 10:57

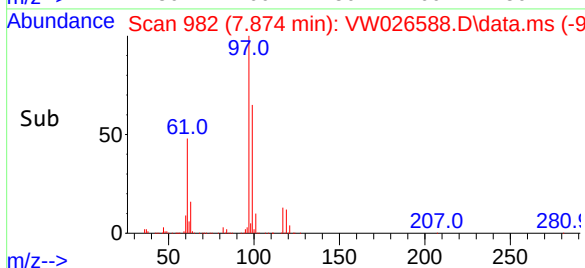
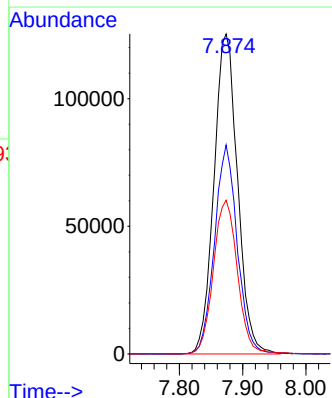
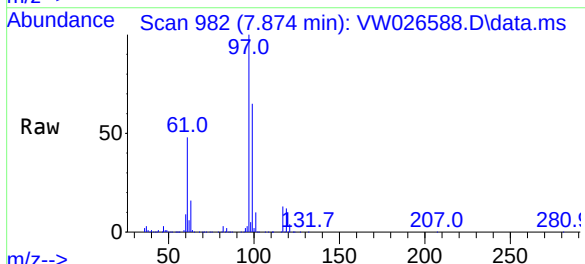
Tgt Ion: 97 Resp: 324701

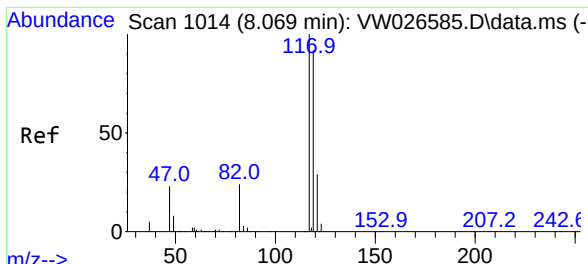
Ion Ratio Lower Upper

97 100

99 63.0 49.9 74.9

61 49.0 39.8 59.8

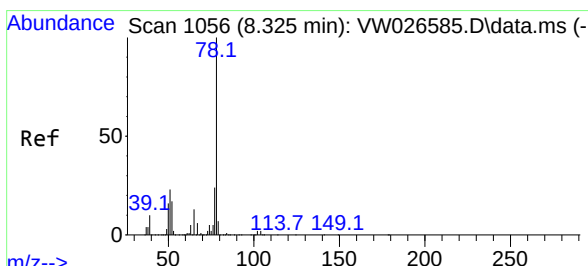
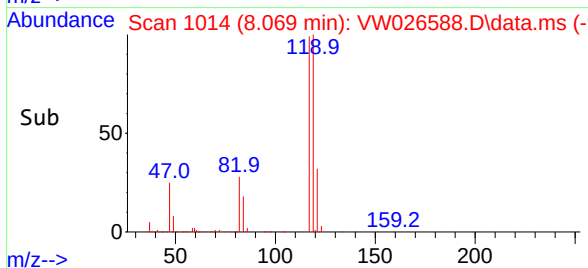
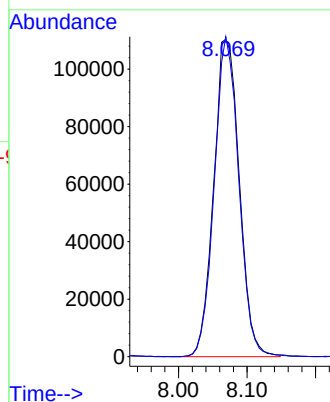
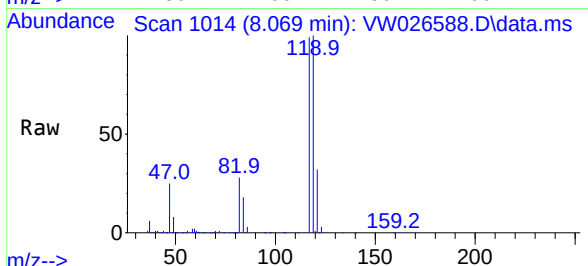




#31
Carbon tetrachloride
Concen: 24.417 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

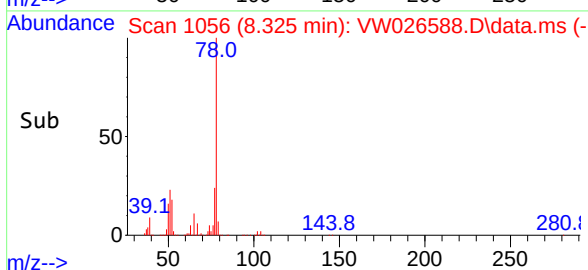
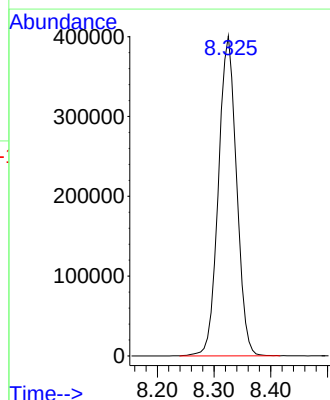
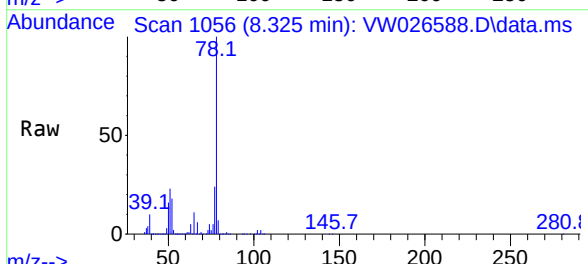
Instrument :
MSVOA_W
ClientSampleId :
VICV419

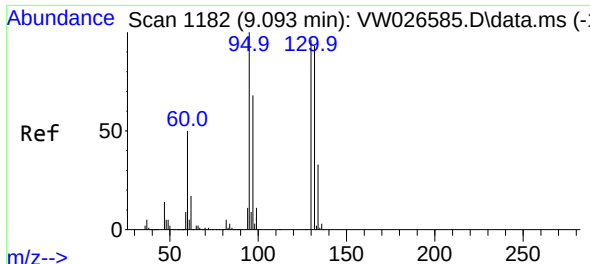
Tgt Ion:117 Resp: 286953
Ion Ratio Lower Upper
117 100
119 96.0 77.1 115.7



#33
Benzene
Concen: 24.423 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

Tgt Ion: 78 Resp: 888893



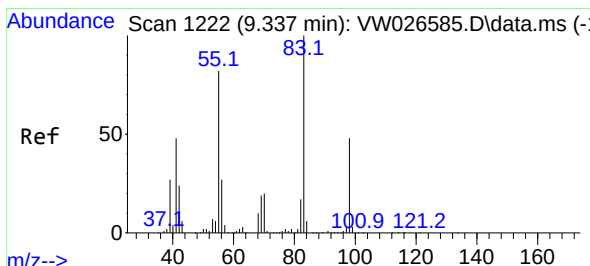
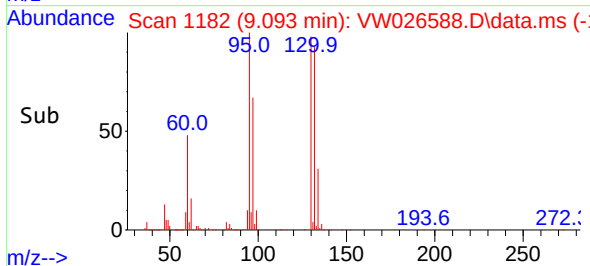
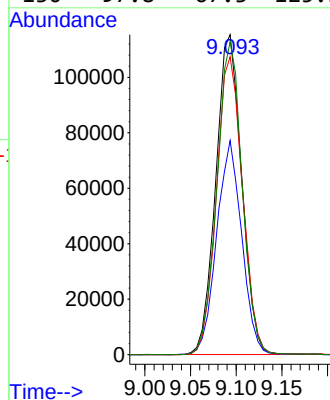
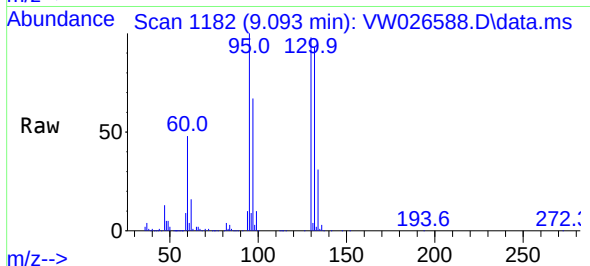


#34
Trichloroethene
Concen: 24.308 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

Instrument :
MSVOA_W
ClientSampleId :
VICV419

Tgt Ion: 95 Resp: 227260

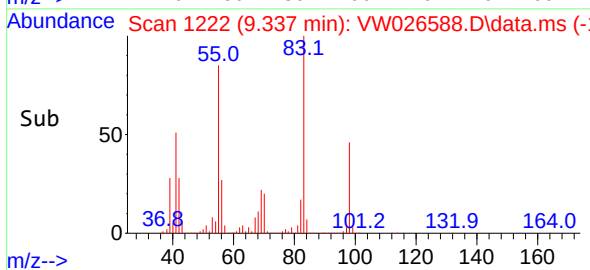
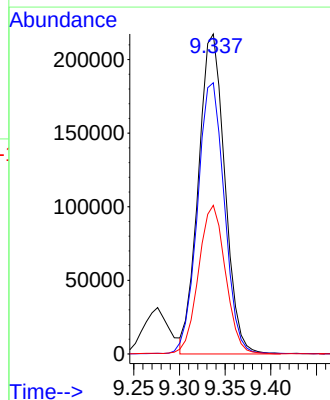
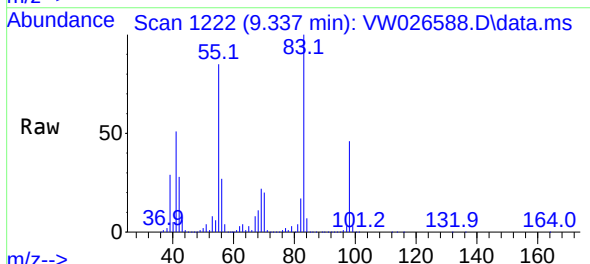
Ion	Ratio	Lower	Upper
95	100		
97	66.9	47.9	88.9
132	93.1	65.0	120.8
130	97.8	67.3	125.1

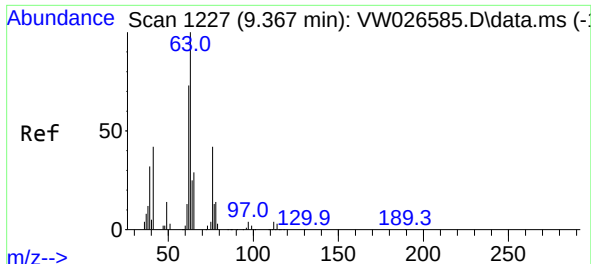


#35
Methylcyclohexane
Concen: 26.011 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

Tgt Ion: 83 Resp: 436654

Ion	Ratio	Lower	Upper
83	100		
55	86.5	68.7	103.1
98	47.5	37.3	55.9

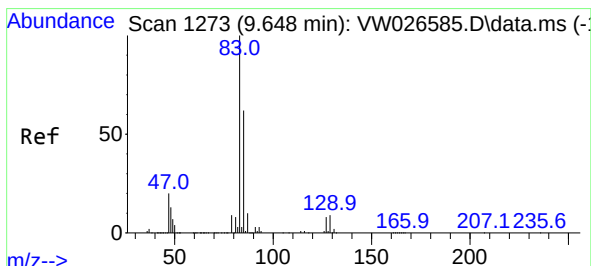
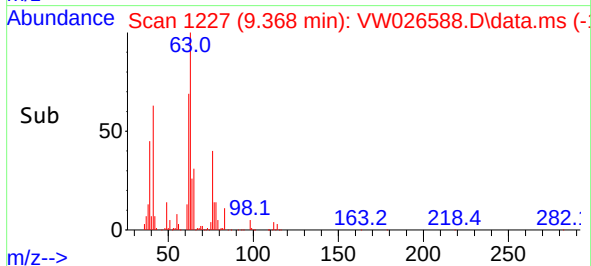
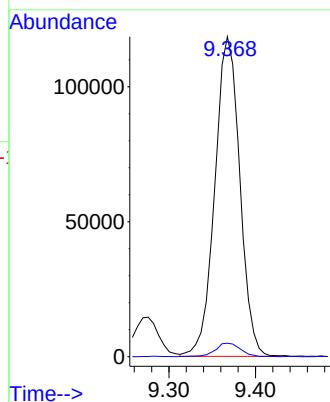
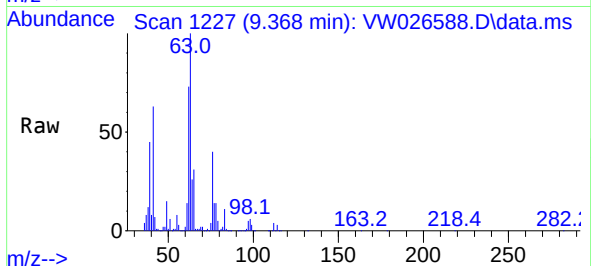




#37
1,2-Dichloropropane
Concen: 24.547 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

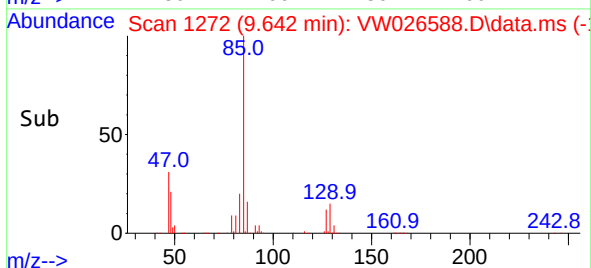
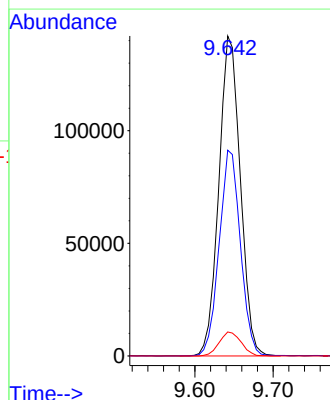
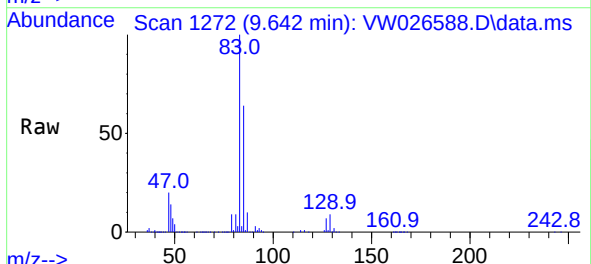
Instrument :
MSVOA_W
ClientSampleId :
VICV419

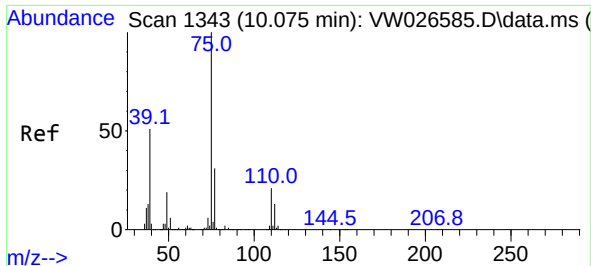
Tgt Ion: 63 Resp: 237260
Ion Ratio Lower Upper
63 100
112 4.3 3.4 5.2



#38
Bromodichloromethane
Concen: 24.675 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.006 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

Tgt Ion: 83 Resp: 270961
Ion Ratio Lower Upper
83 100
85 64.3 43.3 80.3
127 7.5 6.6 10.0

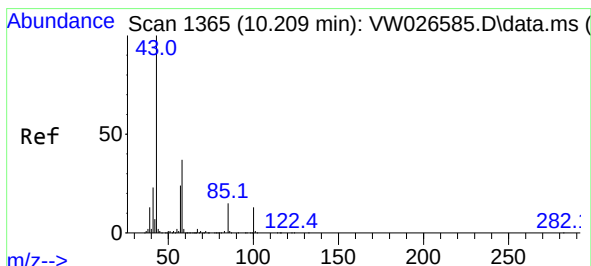
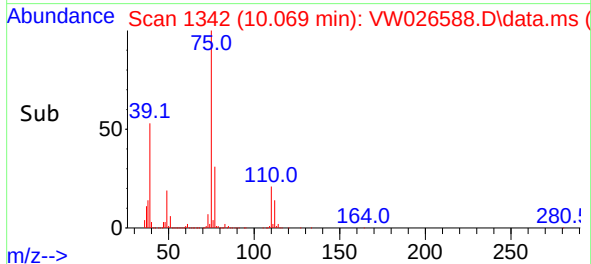
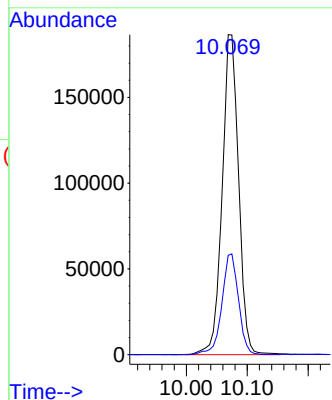
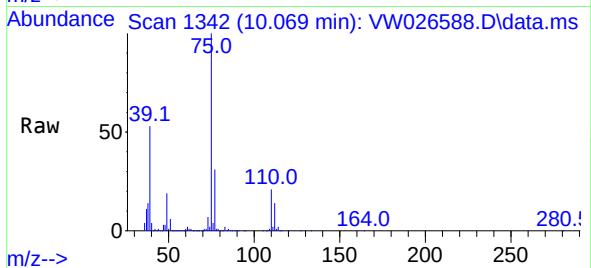




#39
cis-1,3-Dichloropropene
Concen: 25.146 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

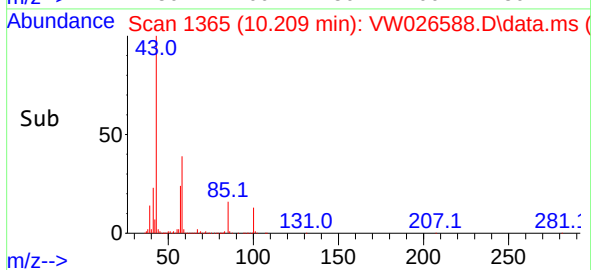
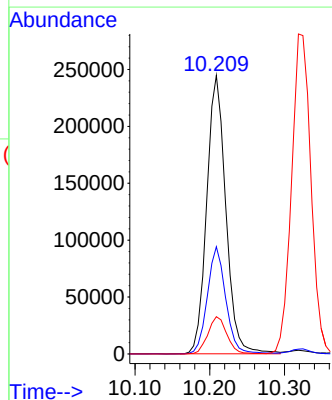
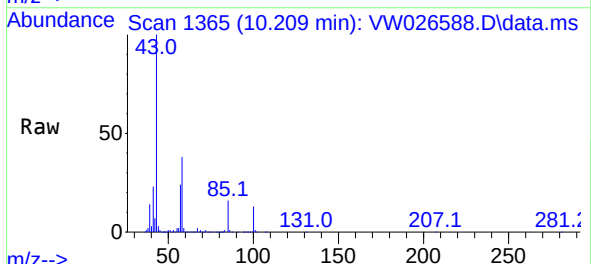
Instrument :
MSVOA_W
ClientSampleId :
VICV419

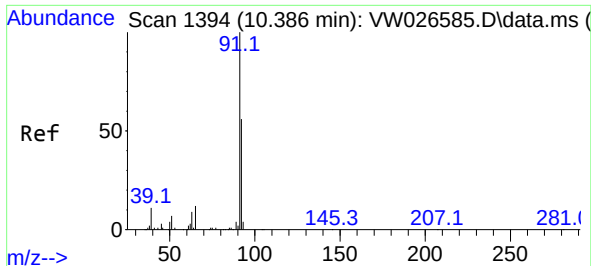
Tgt Ion: 75 Resp: 349923
Ion Ratio Lower Upper
75 100
77 31.1 21.4 39.8



#40
4-Methyl-2-pentanone
Concen: 59.564 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

Tgt Ion: 43 Resp: 434532
Ion Ratio Lower Upper
43 100
58 37.2 29.8 44.8
100 13.3 10.7 16.1

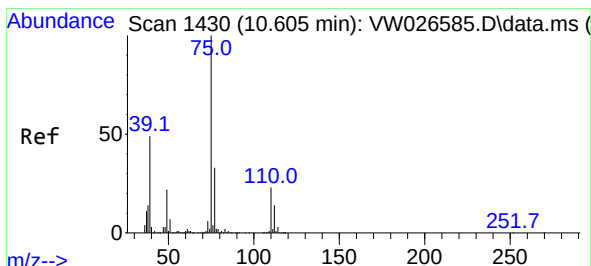
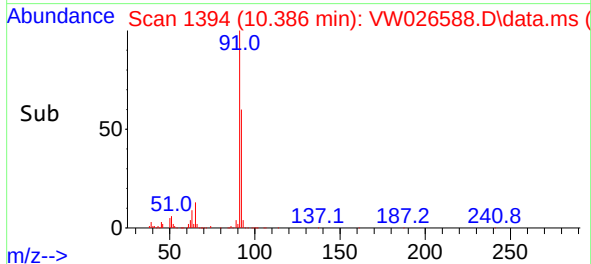
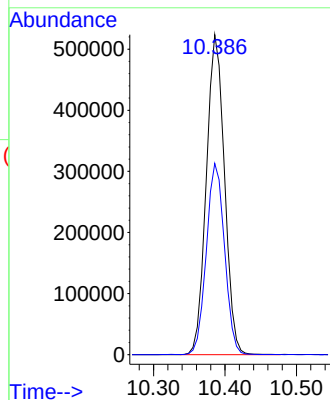
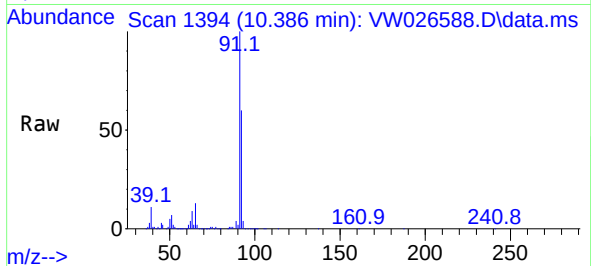




#42
Toluene
Concen: 25.180 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

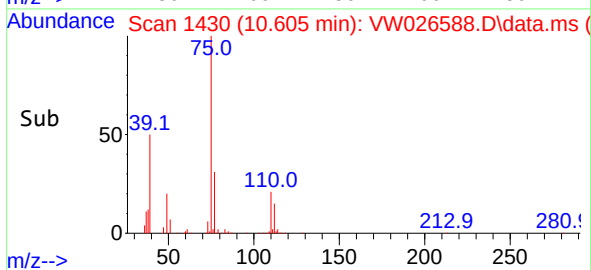
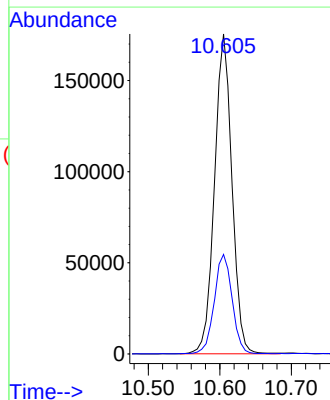
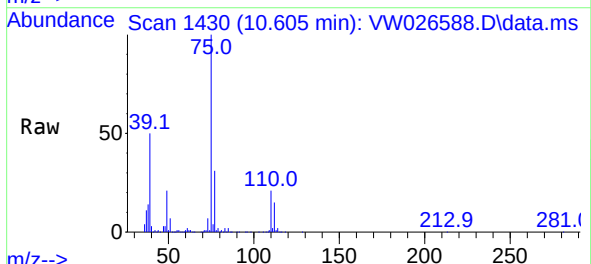
Instrument :
MSVOA_W
ClientSampleId :
VICV419

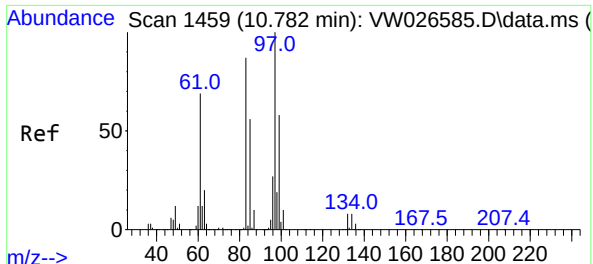
Tgt Ion: 91 Resp: 925491
Ion Ratio Lower Upper
91 100
92 59.8 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 25.345 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

Tgt Ion: 75 Resp: 297453
Ion Ratio Lower Upper
75 100
77 31.1 23.0 42.6



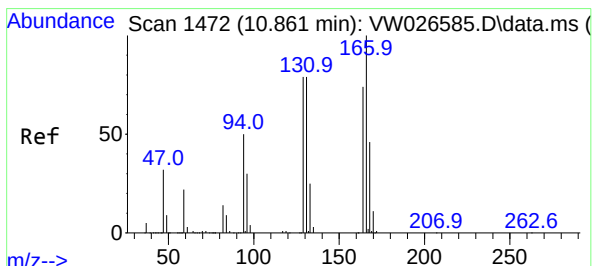
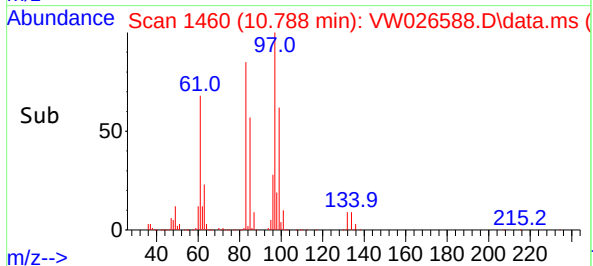
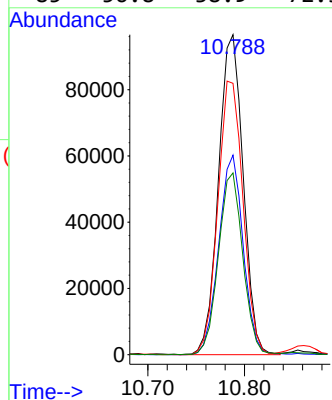
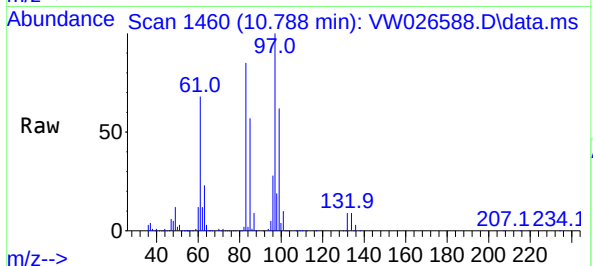


#45
1,1,2-Trichloroethane
Concen: 25.347 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

Instrument :
MSVOA_W
ClientSampleId :
VICV419

Tgt Ion: 97 Resp: 170985

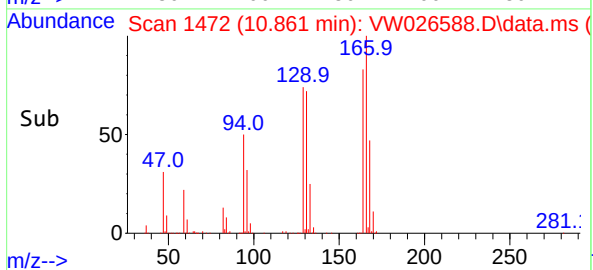
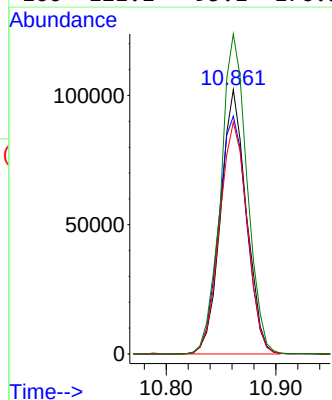
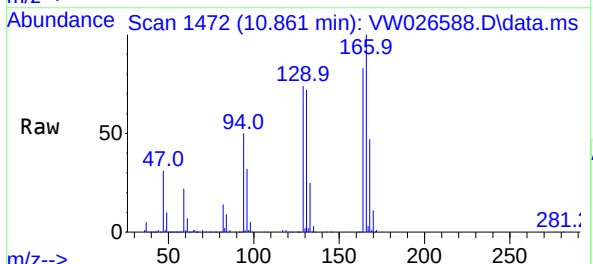
Ion	Ratio	Lower	Upper
97	100		
99	62.4	40.5	75.3
83	84.8	61.0	113.2
85	56.8	38.9	72.3

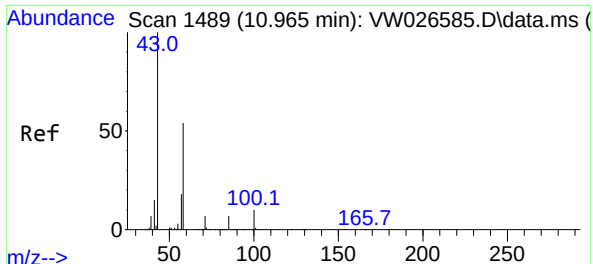


#46
Tetrachloroethene
Concen: 25.059 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

Tgt Ion: 164 Resp: 166318

Ion	Ratio	Lower	Upper
164	100		
129	90.0	75.5	140.1
131	87.7	74.8	138.8
166	121.1	95.1	176.5

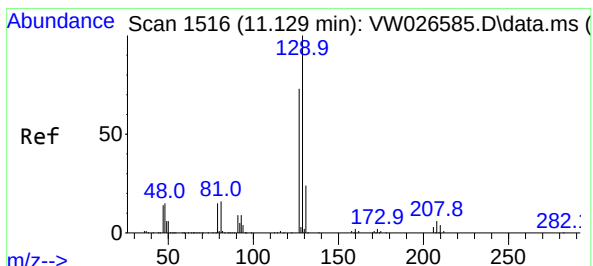
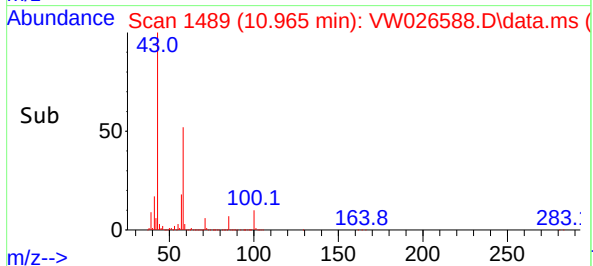
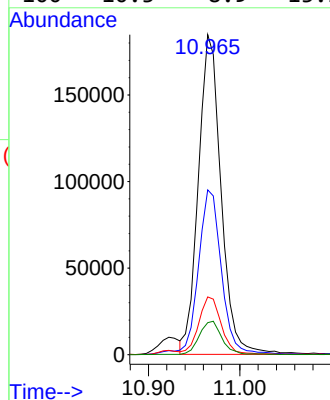
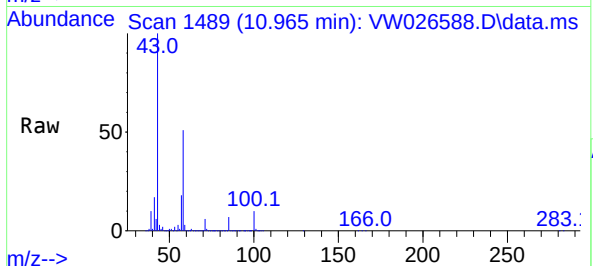




#48
2-Hexanone
Concen: 62.575 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

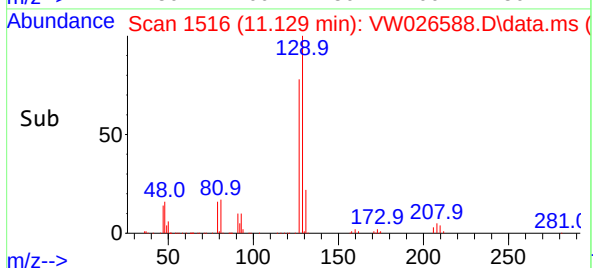
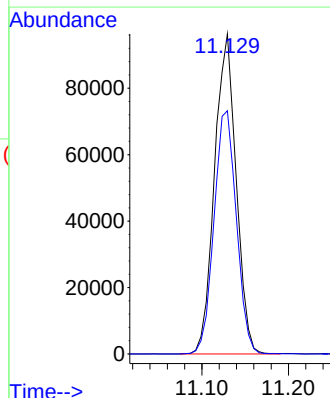
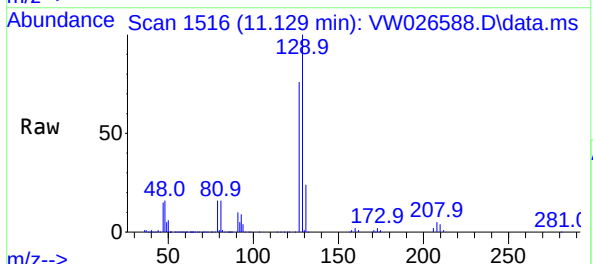
Instrument :
MSVOA_W
ClientSampleId :
VICV419

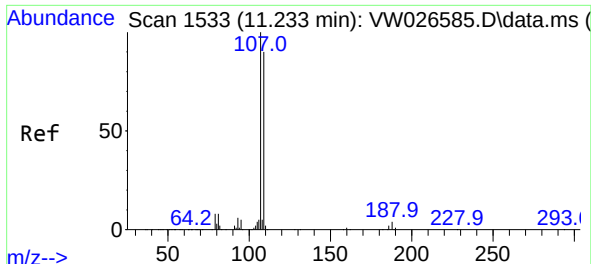
Tgt Ion:	43	Resp:	318583
Ion	Ratio	Lower	Upper
43	100		
58	52.1	42.1	63.1
57	18.0	14.8	22.2
100	10.3	8.9	13.3



#49
Dibromochloromethane
Concen: 25.039 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

Tgt Ion:	129	Resp:	167251
Ion	Ratio	Lower	Upper
129	100		
127	76.0	51.2	95.2





#50

1,2-Dibromoethane

Concen: 25.941 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026588.D

Acq: 11 Jul 2023 10:57

Instrument :

MSVOA_W

ClientSampleId :

VICV419

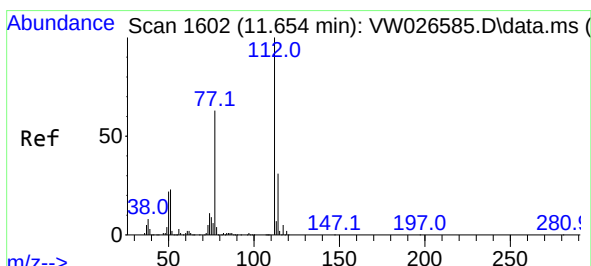
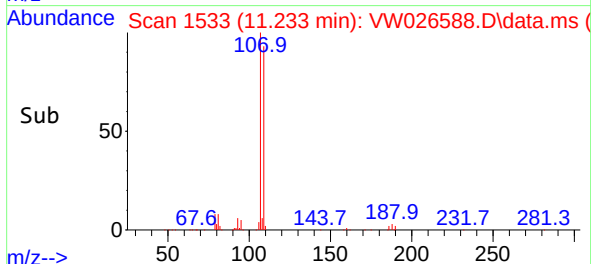
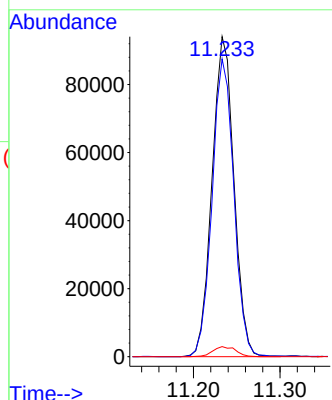
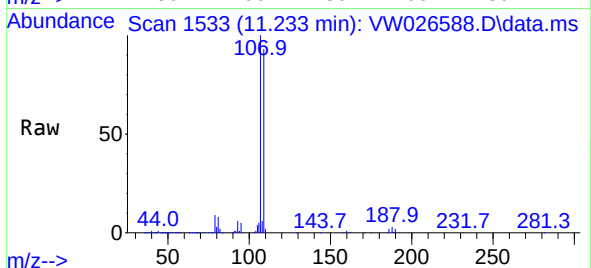
Tgt Ion:107 Resp: 164958

Ion Ratio Lower Upper

107 100

109 93.1 62.9 116.7

188 3.2 2.8 4.2



#51

Chlorobenzene

Concen: 24.382 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026588.D

Acq: 11 Jul 2023 10:57

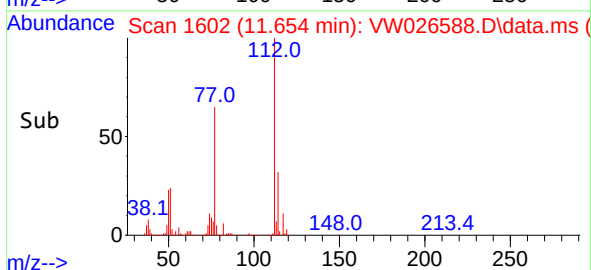
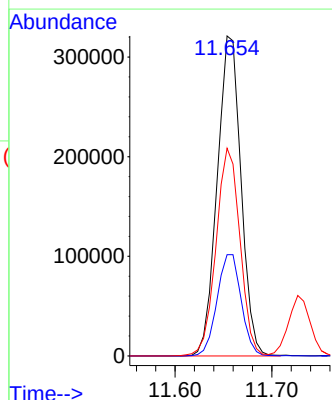
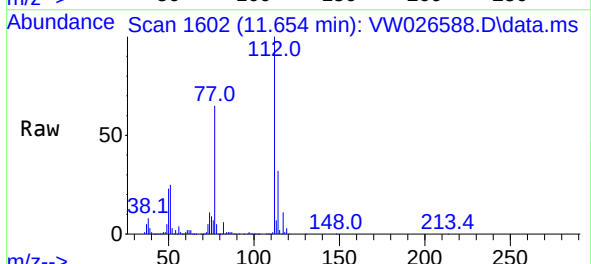
Tgt Ion:112 Resp: 549463

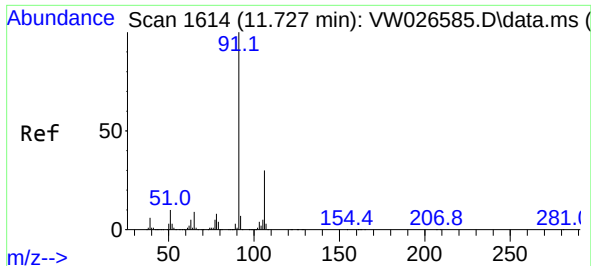
Ion Ratio Lower Upper

112 100

114 31.7 21.6 40.2

77 64.9 50.3 75.5

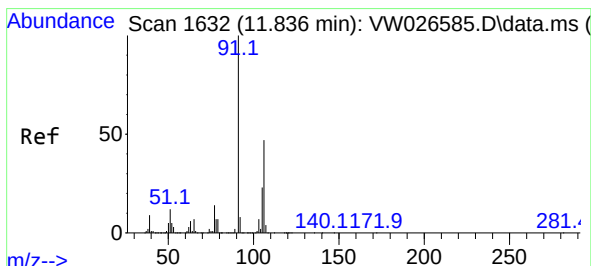
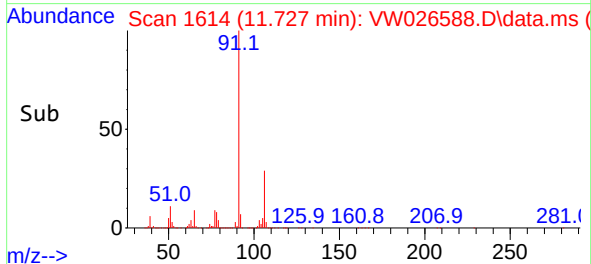
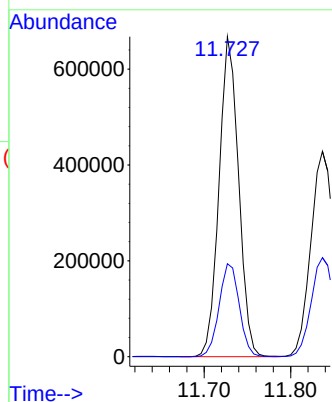
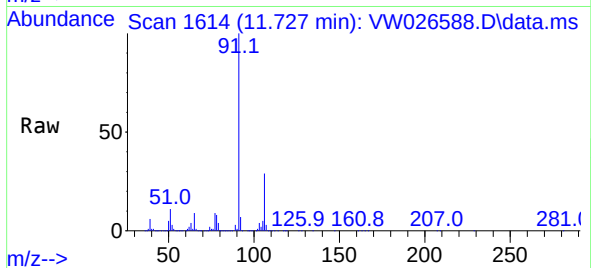




#52
Ethylbenzene
Concen: 25.575 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

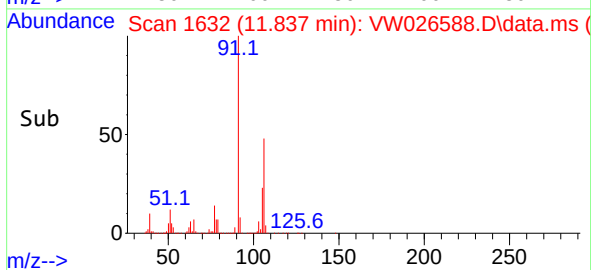
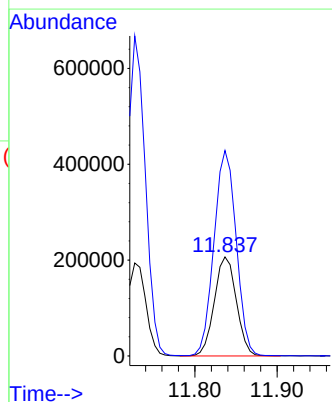
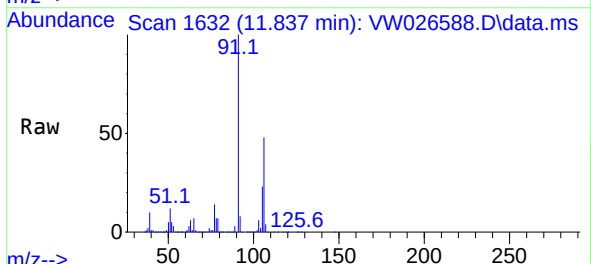
Instrument :
MSVOA_W
ClientSampleId :
VICV419

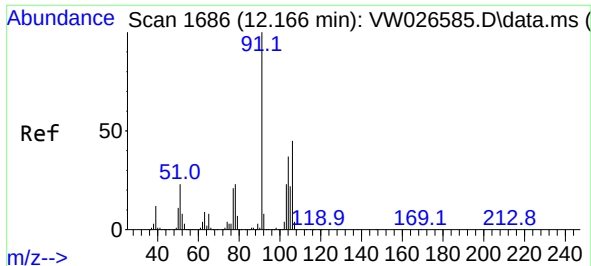
Tgt Ion: 91 Resp: 1046534
Ion Ratio Lower Upper
91 100
106 29.0 20.8 38.6



#53
m,p-Xylene
Concen: 25.765 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

Tgt Ion: 106 Resp: 383565
Ion Ratio Lower Upper
106 100
91 207.4 150.3 279.1

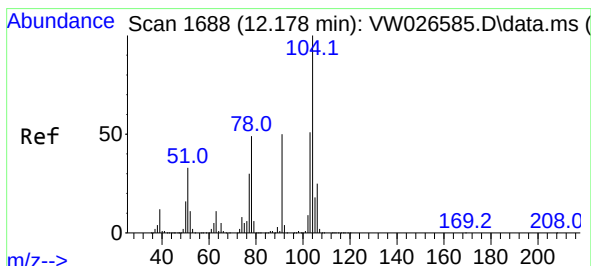
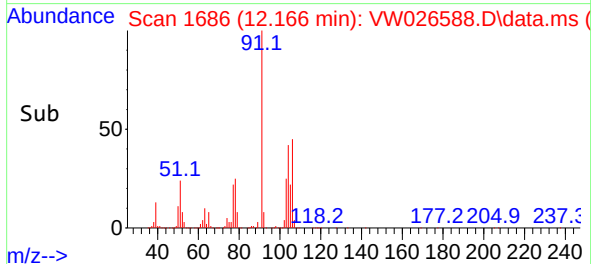
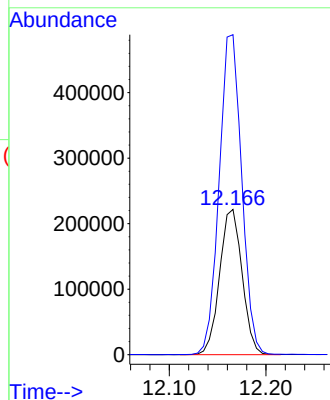
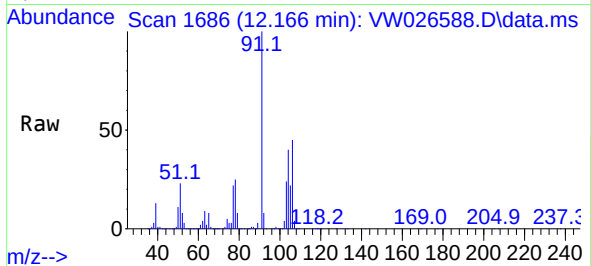




#54
o-Xylene
Concen: 25.596 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

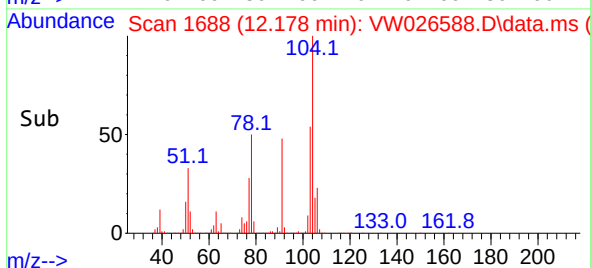
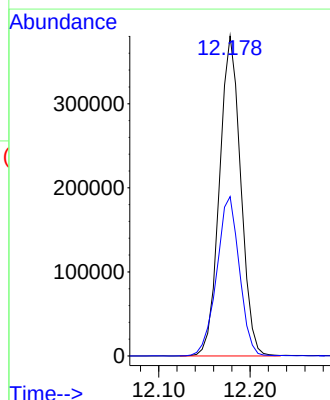
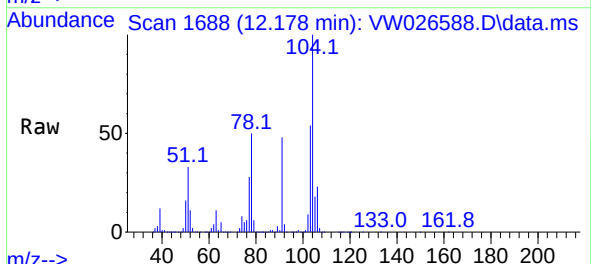
Instrument :
MSVOA_W
ClientSampleId :
VICV419

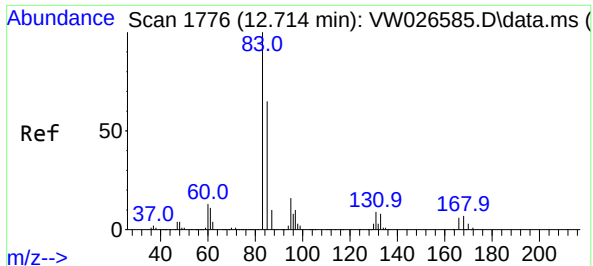
Tgt Ion:106 Resp: 357663
Ion Ratio Lower Upper
106 100
91 220.3 154.3 286.5



#55
Styrene
Concen: 26.079 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

Tgt Ion:104 Resp: 614662
Ion Ratio Lower Upper
104 100
78 49.8 34.6 64.2





#57

1,1,2,2-Tetrachloroethane

Concen: 26.966 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026588.D

Acq: 11 Jul 2023 10:57

Instrument :

MSVOA_W

ClientSampleId :

VICV419

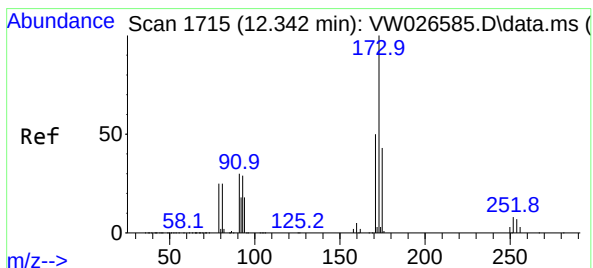
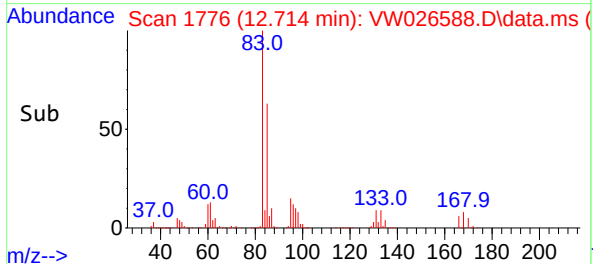
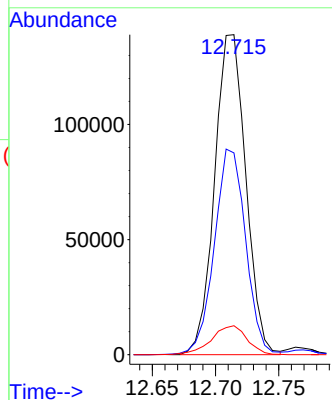
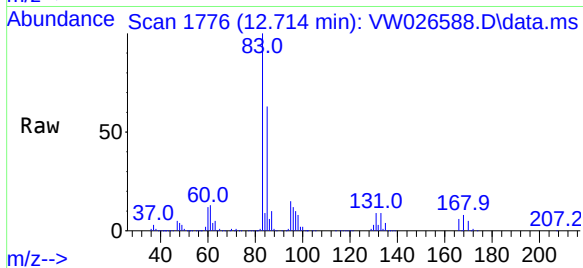
Tgt Ion: 83 Resp: 238732

Ion Ratio Lower Upper

83 100

85 63.0 46.2 85.8

131 9.1 7.2 10.8



#59

Bromoform

Concen: 26.034 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW026588.D

Acq: 11 Jul 2023 10:57

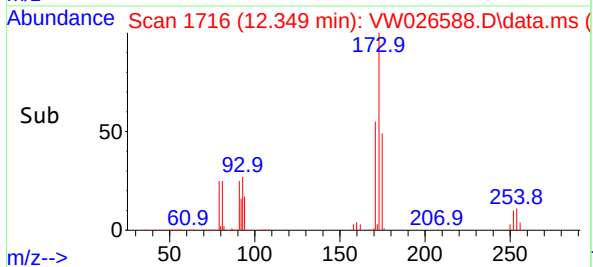
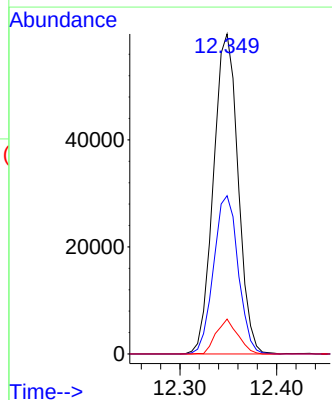
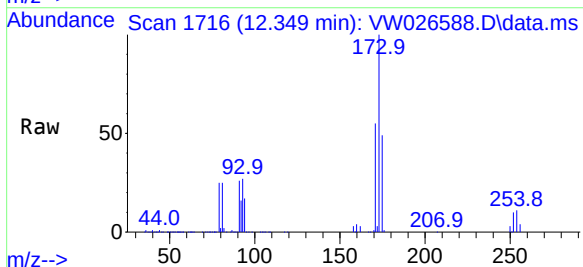
Tgt Ion: 173 Resp: 105635

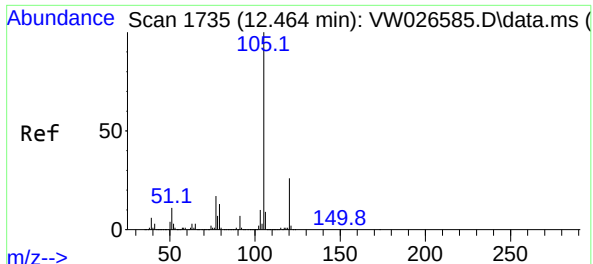
Ion Ratio Lower Upper

173 100

175 49.4 36.6 54.8

254 9.6 7.8 11.6

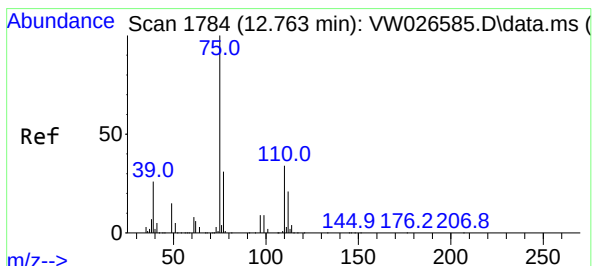
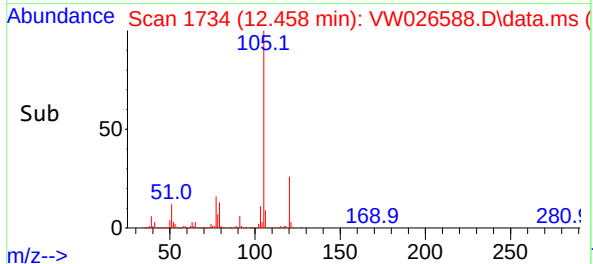
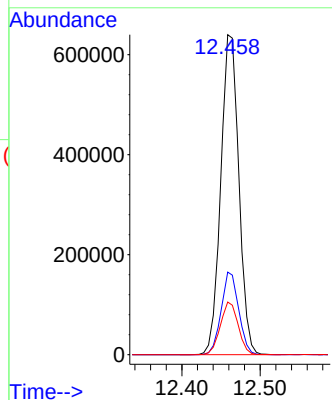
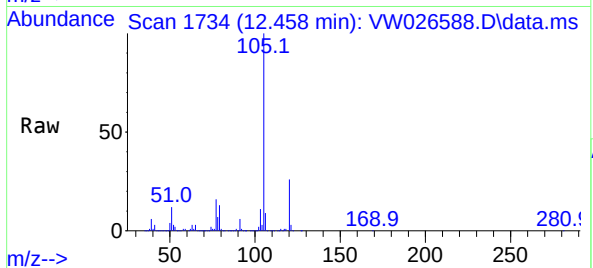




#60
Isopropylbenzene
Concen: 25.879 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

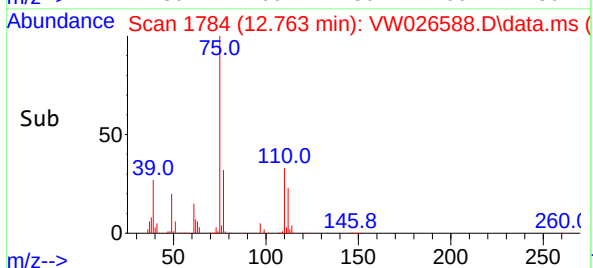
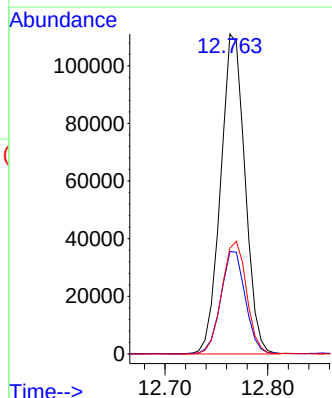
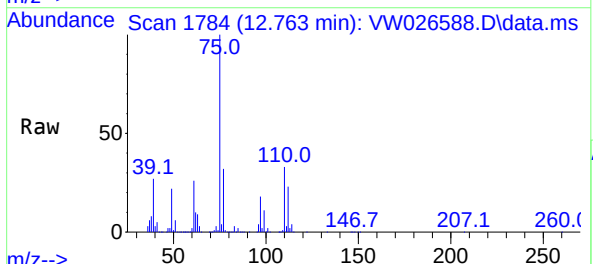
Instrument :
MSVOA_W
ClientSampleId :
VICV419

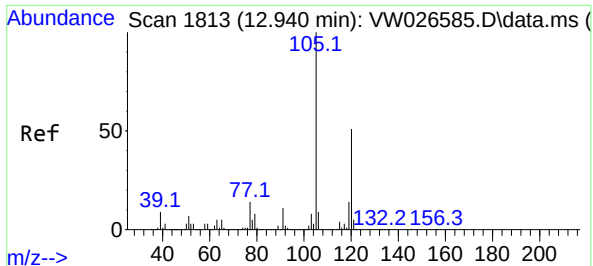
Tgt Ion:105 Resp: 1027204
Ion Ratio Lower Upper
105 100
120 25.0 20.5 30.7
77 16.2 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 26.345 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

Tgt Ion: 75 Resp: 182555
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
110 35.8 28.3 42.5





#62

1,3,5-Trimethylbenzene

Concen: 26.756 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026588.D

Acq: 11 Jul 2023 10:57

Instrument :

MSVOA_W

ClientSampleId :

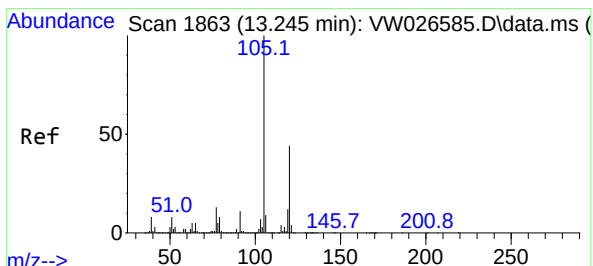
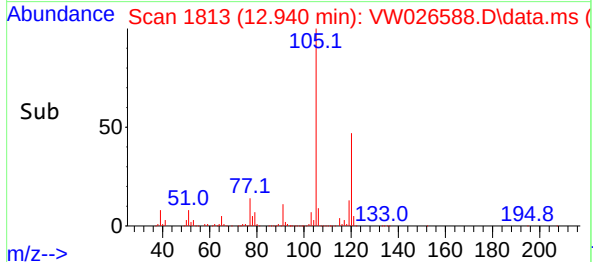
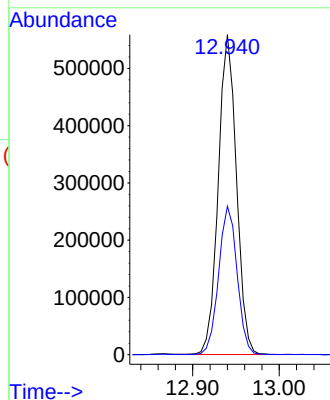
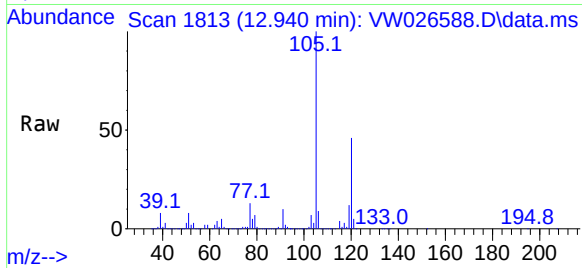
VICV419

Tgt Ion:105 Resp: 814581

Ion Ratio Lower Upper

105 100

120 47.1 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 26.746 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026588.D

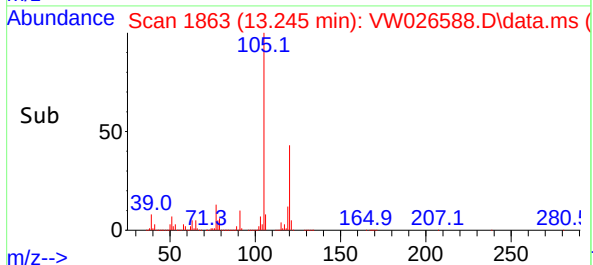
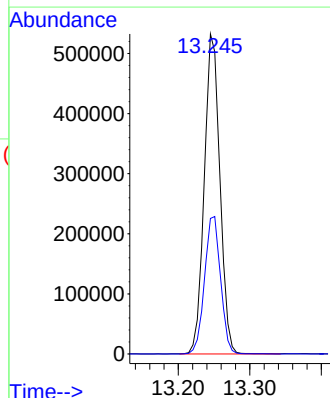
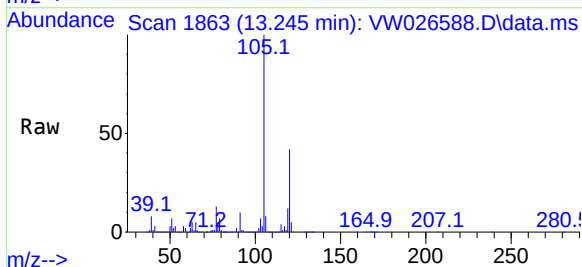
Acq: 11 Jul 2023 10:57

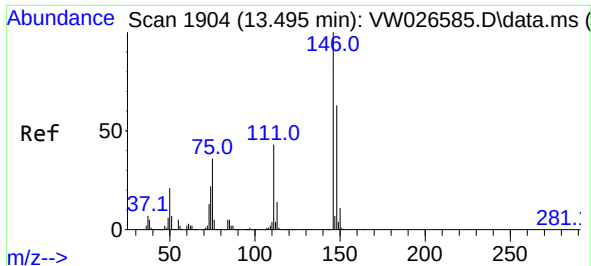
Tgt Ion:105 Resp: 807303

Ion Ratio Lower Upper

105 100

120 44.1 35.2 52.8

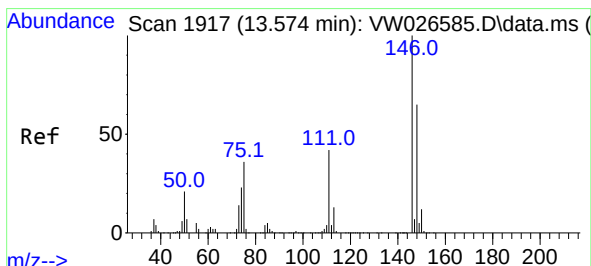
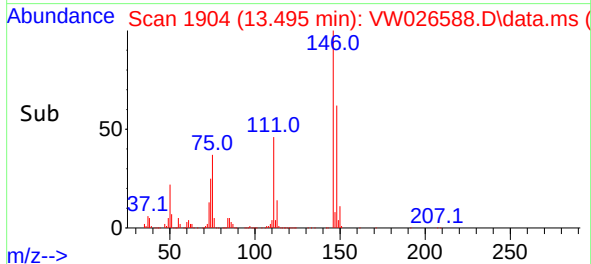
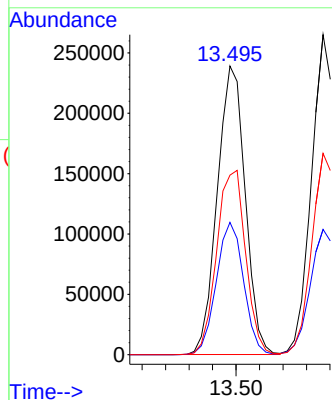
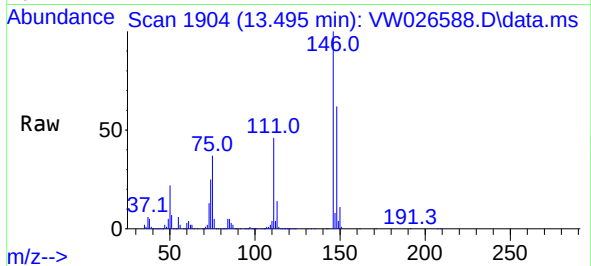




#64
1,3-Dichlorobenzene
Concen: 23.745 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

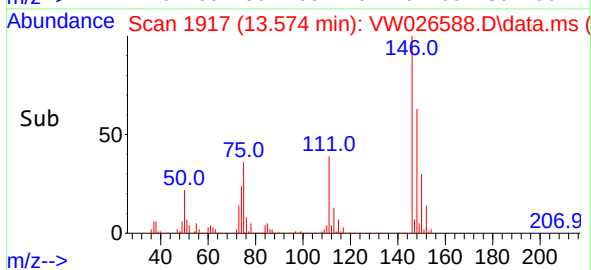
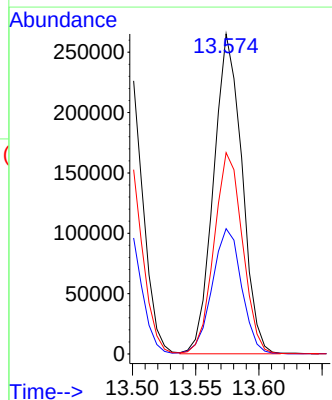
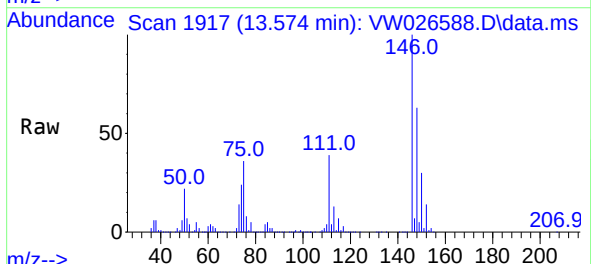
Instrument :
MSVOA_W
ClientSampleId :
VICV419

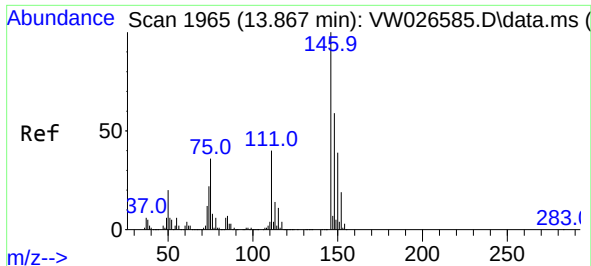
Tgt Ion:146 Resp: 395496
Ion Ratio Lower Upper
146 100
111 45.8 30.4 56.4
148 62.2 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 24.885 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

Tgt Ion:146 Resp: 413357
Ion Ratio Lower Upper
146 100
111 39.2 29.7 55.1
148 62.9 45.4 84.4

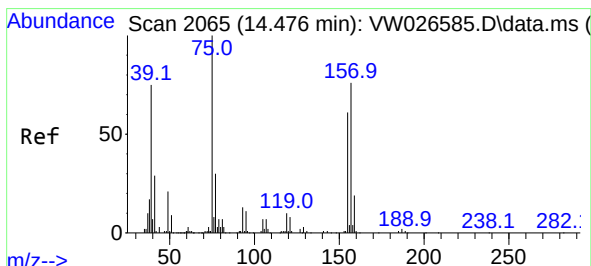
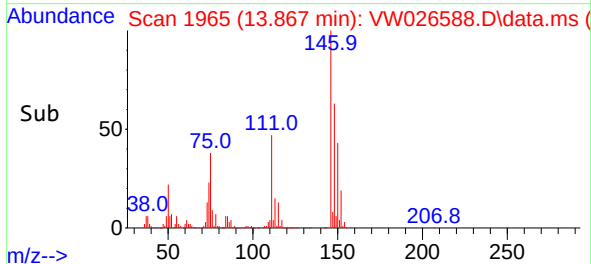
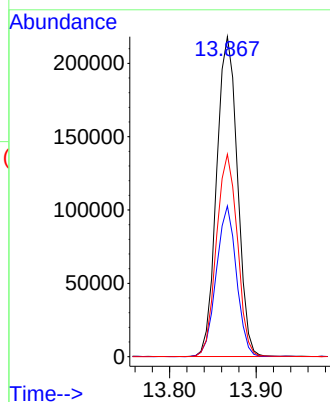
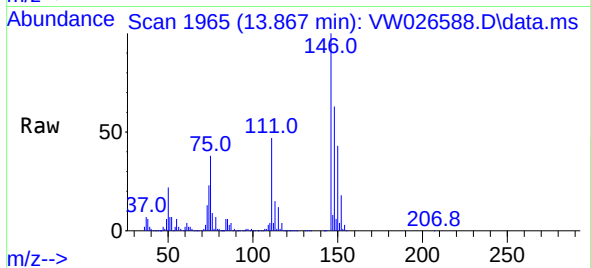




#67
1,2-Dichlorobenzene
Concen: 24.744 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

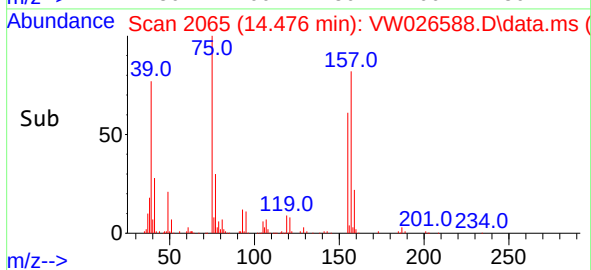
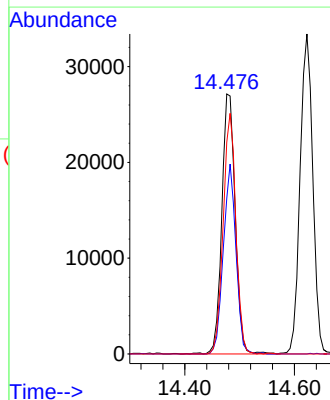
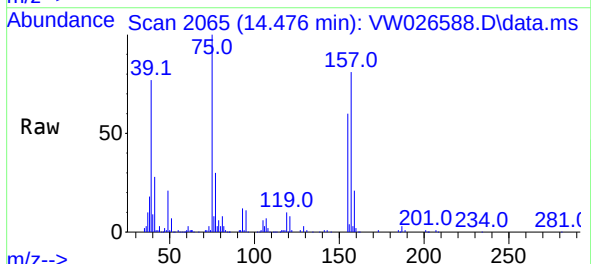
Instrument :
MSVOA_W
ClientSampleId :
VICV419

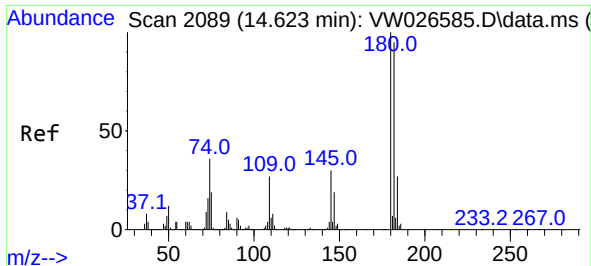
Tgt Ion:146 Resp: 364737
Ion Ratio Lower Upper
146 100
111 47.1 31.8 47.8
148 63.3 46.9 70.3



#68
1,2-Dibromo-3-chloropropane
Concen: 28.049 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

Tgt Ion: 75 Resp: 46259
Ion Ratio Lower Upper
75 100
155 59.8 49.1 73.7
157 81.4 60.6 90.8



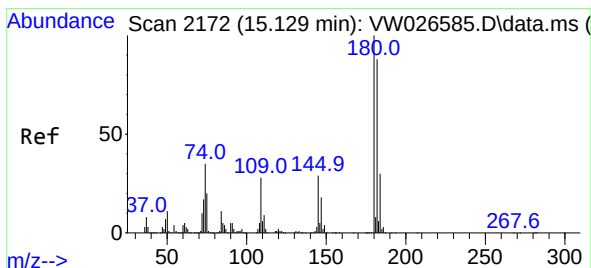
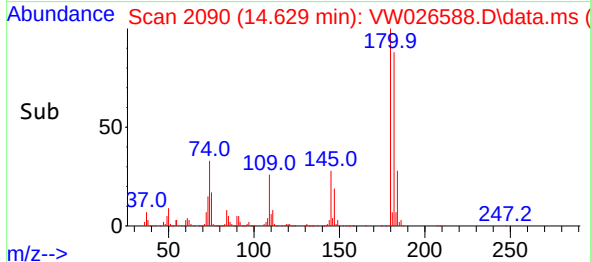
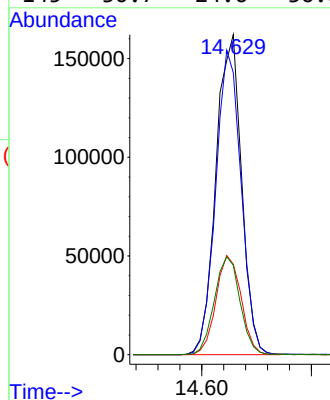
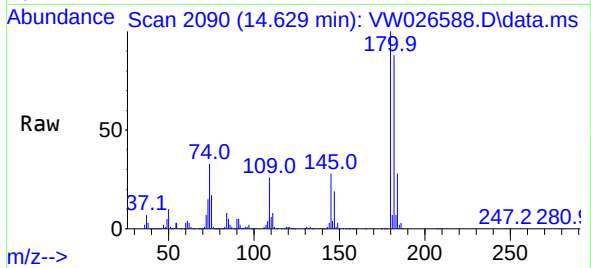


#69
1,3,5-Trichlorobenzene
Concen: 23.809 ug/L
RT: 14.629 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

Instrument :
MSVOA_W
ClientSampleId :
VICV419

Tgt Ion:180 Resp: 262424

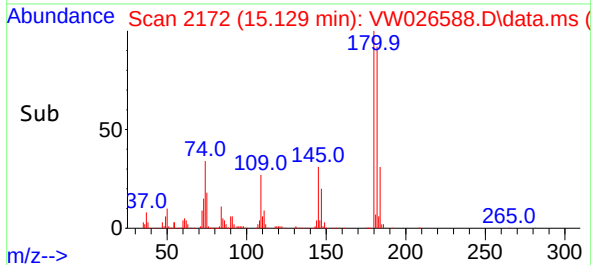
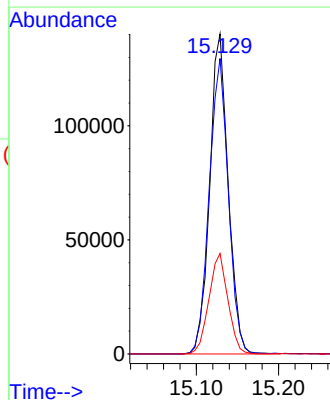
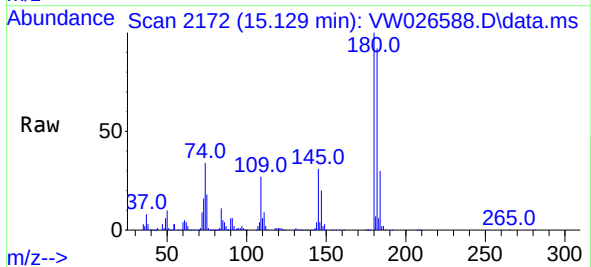
Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.8	113.6
184	30.5	23.7	35.5
145	30.7	24.6	36.8

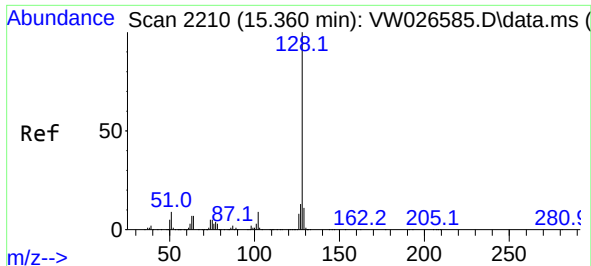


#70
1,2,4-trichlorobenzene
Concen: 24.269 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

Tgt Ion:180 Resp: 219518

Ion	Ratio	Lower	Upper
180	100		
182	95.1	73.5	110.3
145	32.2	25.0	37.6



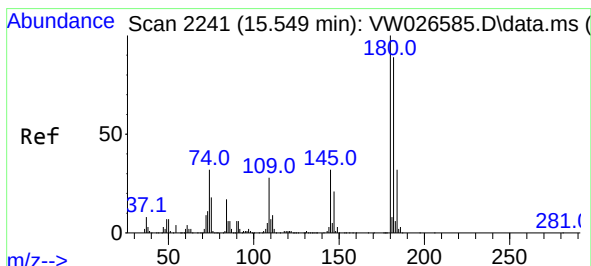
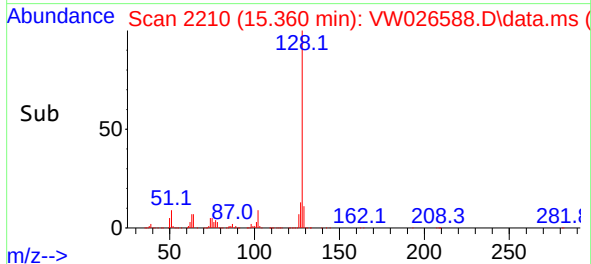
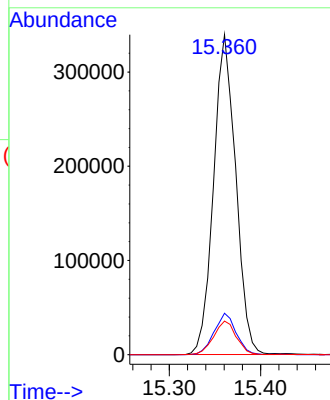
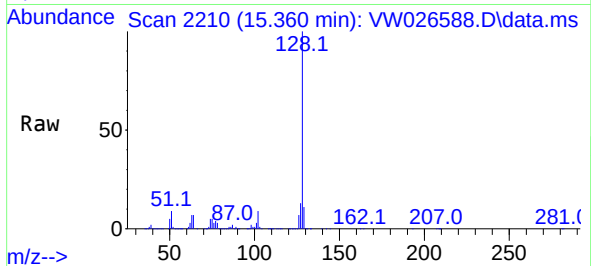


#71
Naphthalene
Concen: 27.938 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

Instrument :
MSVOA_W
ClientSampleId :
VICV419

Tgt Ion:128 Resp: 572271

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.8	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 23.942 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW026588.D
Acq: 11 Jul 2023 10:57

Tgt Ion:180 Resp: 203868

Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.2	112.8
145	34.7	26.6	40.0

