

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041224\
 Data File : VW028417.D
 Acq On : 12 Apr 2024 09:06
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 12 23:05:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 12 00:55:02 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	311757	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	291022	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	142385	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	111456	22.300	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.200%
7) Chloroethane-d5	2.899	69	88663	23.406	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.640%
11) 1,1-Dichloroethene-d2	4.021	65	47263	22.331	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.320%
21) 2-Butanone-d5	7.081	46	53327	57.019	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.040%
24) Chloroform-d	7.648	84	209397	25.740	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.960%
26) 1,2-Dichloroethane-d4	8.301	65	114527	27.090	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.360%
32) Benzene-d6	8.270	84	396014	24.909	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.640%
36) 1,2-Dichloropropane-d6	9.270	67	119922	25.377	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.520%
41) Toluene-d8	10.319	98	367130	25.395	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	10.575	79	49563	26.377	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.520%
47) 2-Hexanone-d5	10.922	63	37074	56.636	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.280%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	95316	28.588	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.360%
66) 1,2-Dichlorobenzene-d4	13.849	152	113689	25.248	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	94257	22.479	ug/L	98
3) Chloromethane	2.223	50	116200	23.604	ug/L	98
5) Vinyl chloride	2.375	62	137487	23.451	ug/L	99
6) Bromomethane	2.790	94	82324	22.475	ug/L	98
8) Chloroethane	2.936	64	83523	23.633	ug/L	97
9) Trichlorofluoromethane	3.271	101	107181	22.916	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	104178	23.676	ug/L	97
12) 1,1-Dichloroethene	4.045	96	98462	23.832	ug/L	96
13) Acetone	4.131	43	62134	54.107	ug/L	96
14) Carbon disulfide	4.393	76	316492	23.268	ug/L	100
15) Methyl Acetate	4.673	43	47818	25.879	ug/L	98
16) Methylene chloride	4.917	84	102958	21.825	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	104595	24.034	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	150446	24.575	ug/L	98
19) 1,1-Dichloroethane	6.216	63	206987	24.411	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	110634	23.952	ug/L	92
22) 2-Butanone	7.173	43	72980	52.367	ug/L	97
23) Bromochloromethane	7.514	128	49957	25.110	ug/L	94
25) Chloroform	7.673	83	204255	24.522	ug/L	94

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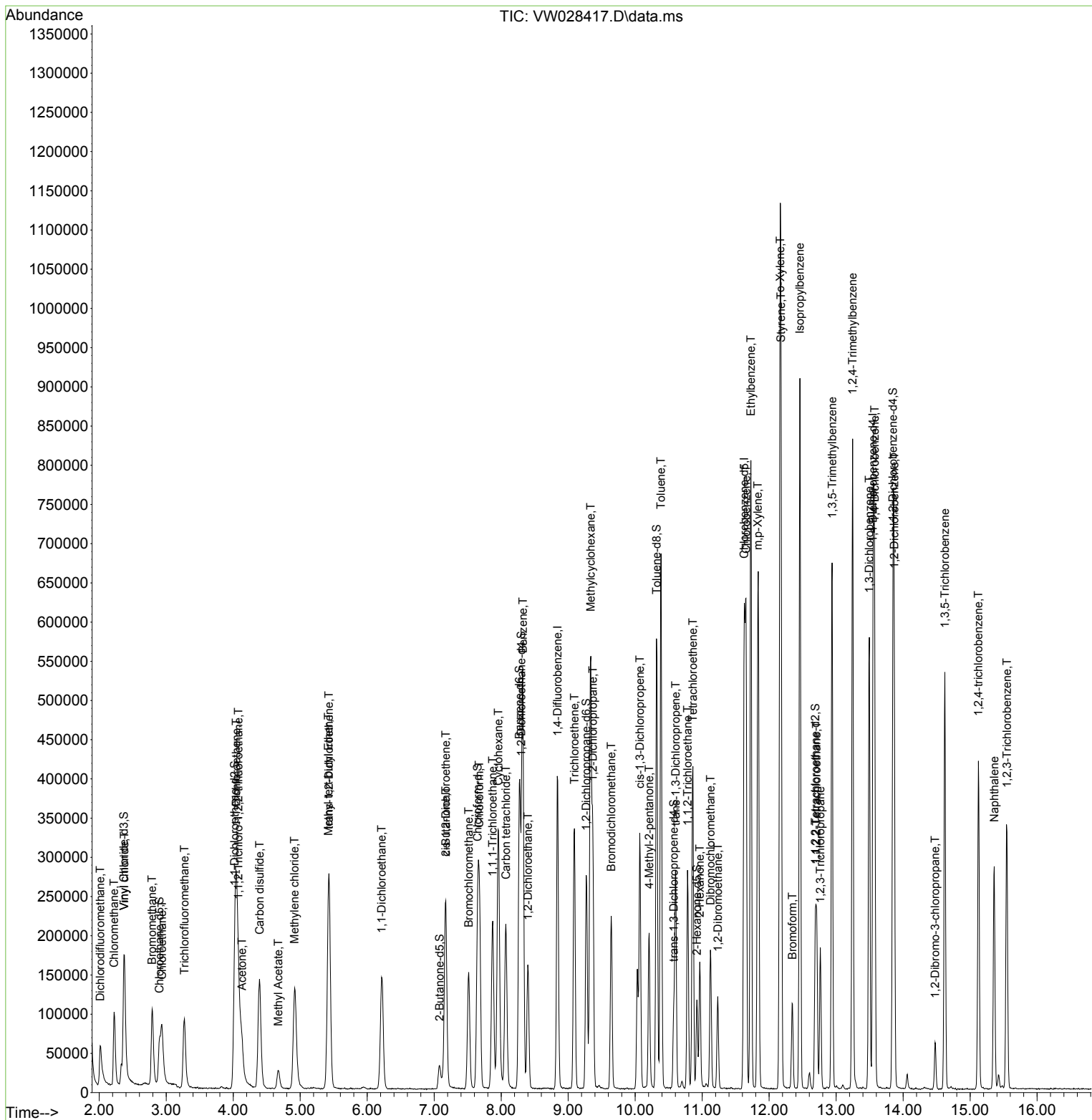
Instrument :
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 ClientSampleId :

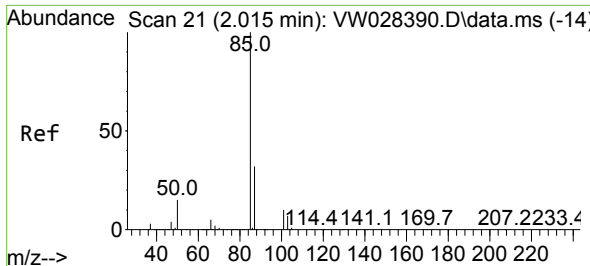
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 Quant Title : SFAM01.0
 QLast Update : Fri Apr 12 00:55:02 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	146215	25.433	ug/L	98
29) Cyclohexane	7.959	56	189834	24.695	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	168291	23.844	ug/L	99
31) Carbon tetrachloride	8.069	117	155359	24.822	ug/L	100
33) Benzene	8.325	78	444020	24.403	ug/L	100
34) Trichloroethene	9.093	95	117894	23.908	ug/L	99
35) Methylcyclohexane	9.337	83	208436	24.771	ug/L	100
37) 1,2-Dichloropropane	9.368	63	117359	24.747	ug/L	99
38) Bromodichloromethane	9.642	83	143947	24.488	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	174282	25.060	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	134462	56.638	ug/L	99
42) Toluene	10.386	91	476652	24.727	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	145603	25.880	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	82007	25.560	ug/L	96
46) Tetrachloroethene	10.861	164	87830	23.846	ug/L	92
48) 2-Hexanone	10.965	43	102973	54.644	ug/L	99
49) Dibromochloromethane	11.123	129	87178	25.422	ug/L	99
50) 1,2-Dibromoethane	11.233	107	74221	25.345	ug/L	95
51) Chlorobenzene	11.654	112	287309	23.979	ug/L	97
52) Ethylbenzene	11.727	91	544390	24.913	ug/L	98
53) m,p-Xylene	11.831	106	201735	24.826	ug/L	86
54) o-Xylene	12.166	106	188417	24.902	ug/L	96
55) Styrene	12.178	104	325641	25.288	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	96302	26.522	ug/L	99
59) Bromoform	12.349	173	47560	25.305	ug/L	99
60) Isopropylbenzene	12.459	105	536214	25.120	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	70373	27.033	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	348088	25.585	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	410079	25.045	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	220598	24.356	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	217478	23.604	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	201708	25.318	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	15031	25.198	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	145170	23.292	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	121876	25.040	ug/L	97
71) Naphthalene	15.360	128	224981	26.119	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	103917	24.061	ug/L	98

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

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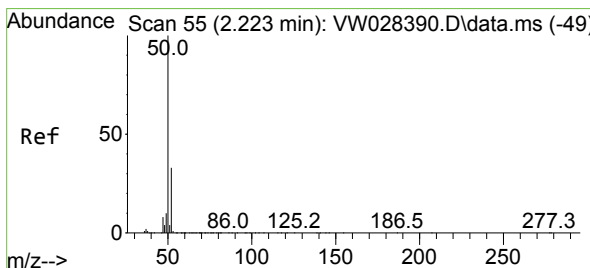
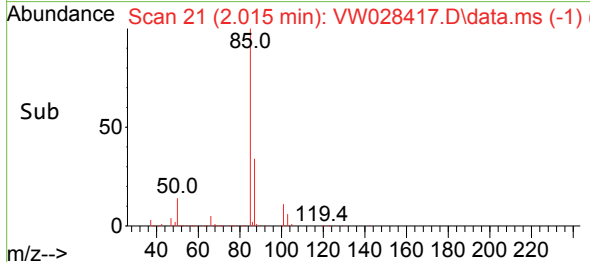
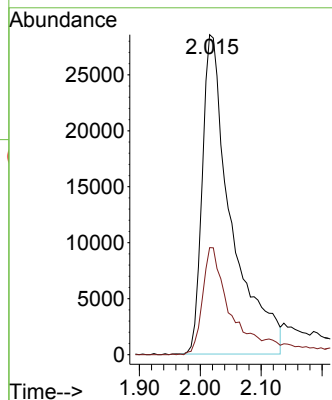
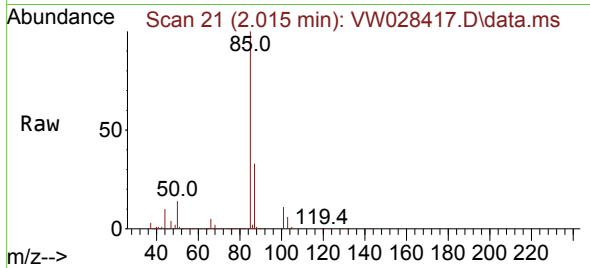




#2
 Dichlorodifluoromethane
 Concen: 22.479 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028417.D
 Acq: 12 Apr 2024 09:06

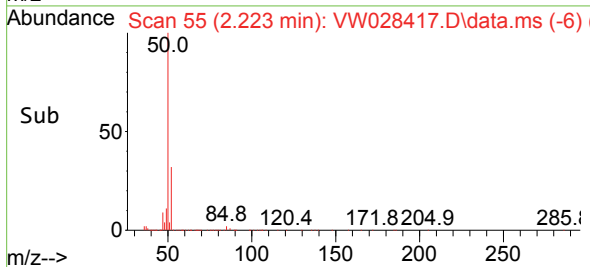
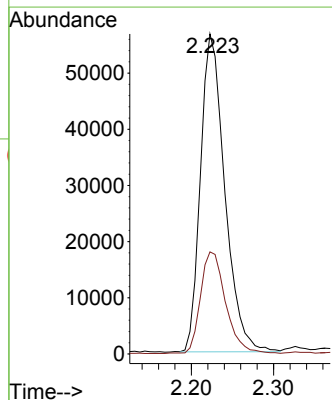
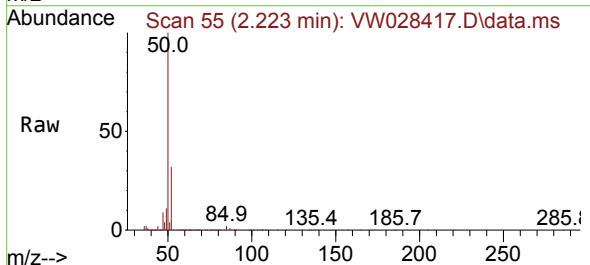
Instrument :
 MSVOA_W
 ClientSampleId :

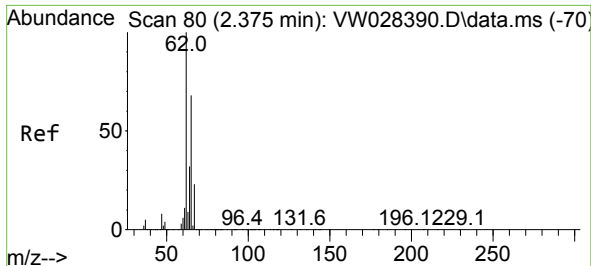
Tgt Ion: 85 Resp: 94257
 Ion Ratio Lower Upper
 85 100
 87 28.2 23.4 35.0



#3
 Chloromethane
 Concen: 23.604 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW028417.D
 Acq: 12 Apr 2024 09:06

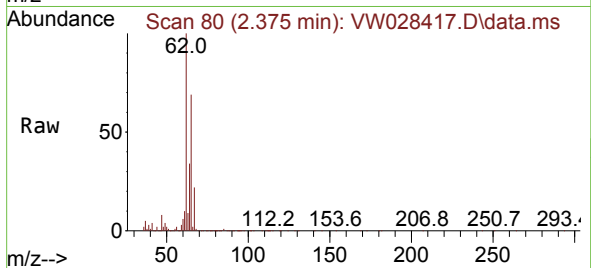
Tgt Ion: 50 Resp: 116200
 Ion Ratio Lower Upper
 50 100
 52 31.9 23.0 42.6



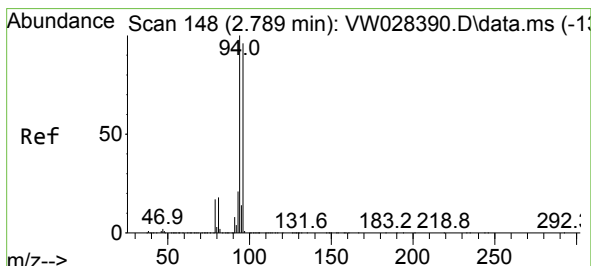
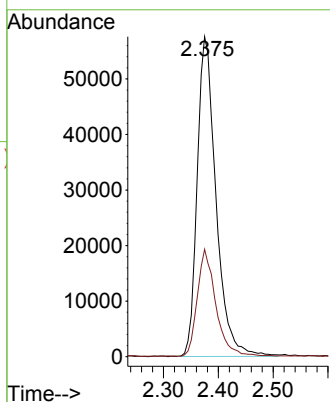
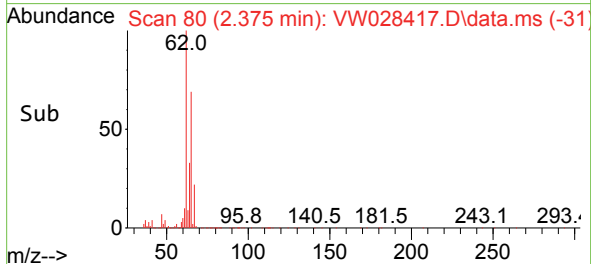


#5
 Vinyl chloride
 Concen: 23.451 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028417.D
 Acq: 12 Apr 2024 09:06

Instrument :
 MSVOA_W
 ClientSampleId :

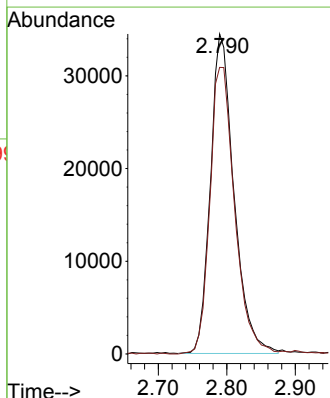
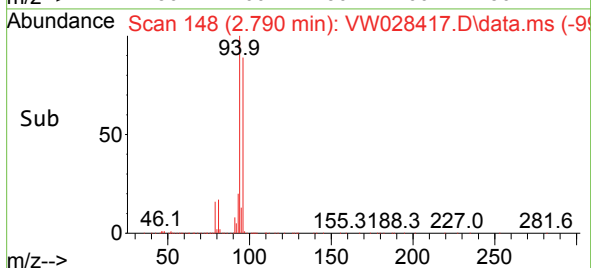
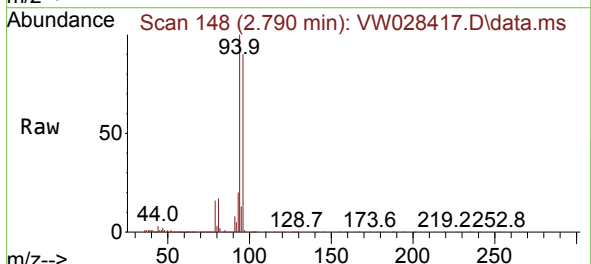


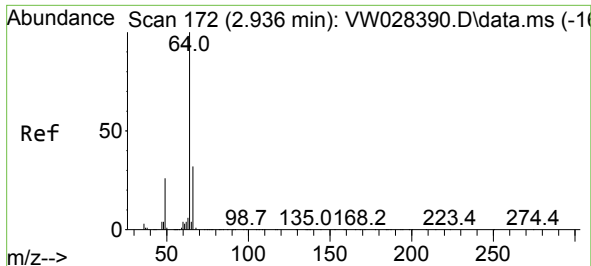
Tgt Ion: 62 Resp: 137487
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.1 42.9



#6
 Bromomethane
 Concen: 22.475 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW028417.D
 Acq: 12 Apr 2024 09:06

Tgt Ion: 94 Resp: 82324
 Ion Ratio Lower Upper
 94 100
 96 89.6 64.3 119.5

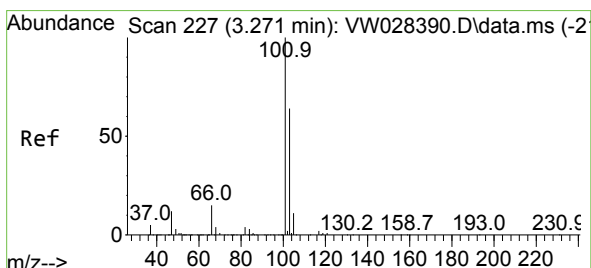
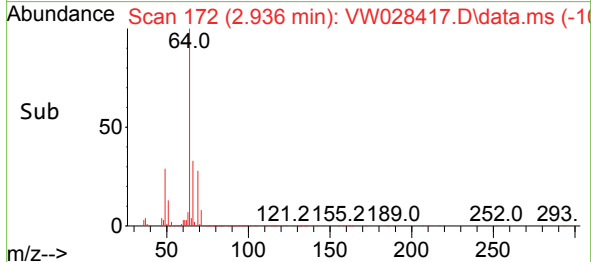
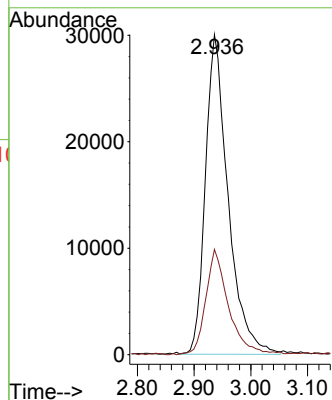
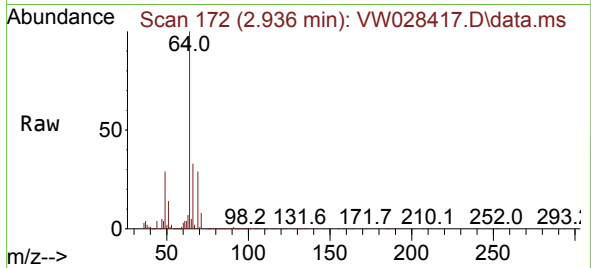




#8
Chloroethane
Concen: 23.633 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

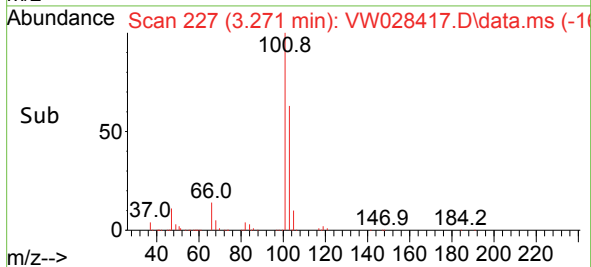
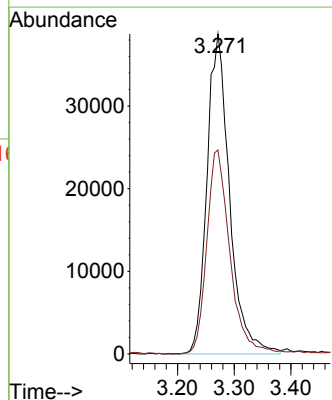
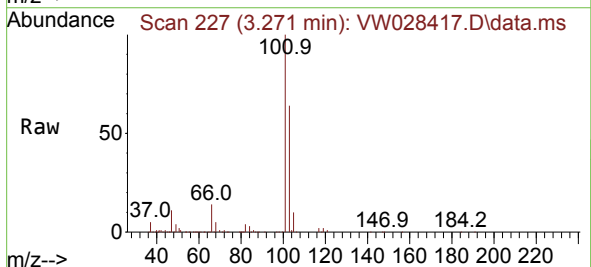
Instrument :
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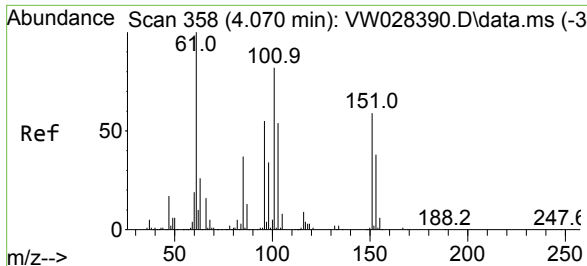
Tgt Ion: 64 Resp: 83523
Ion Ratio Lower Upper
64 100
66 32.9 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.916 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

Tgt Ion: 101 Resp: 107181
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0

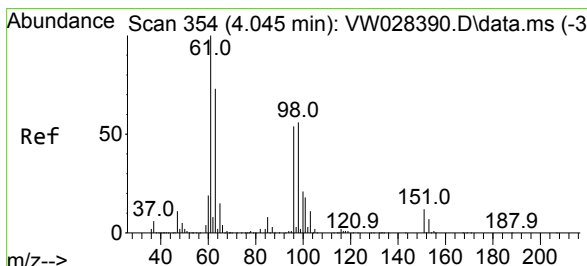
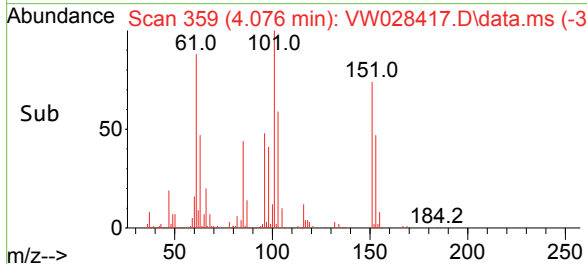
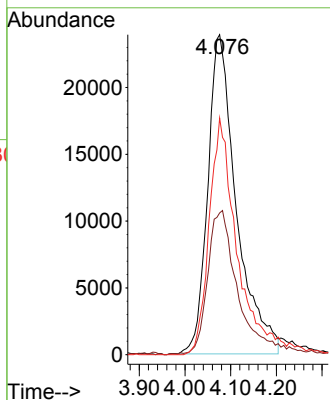
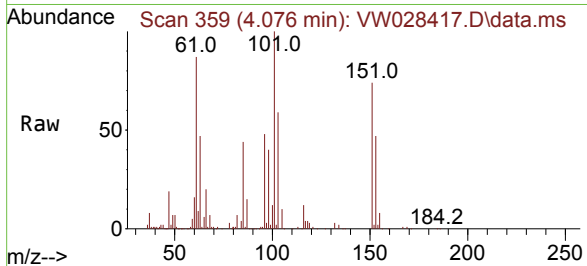




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.676 ug/L
RT: 4.076 min Scan# 358
Delta R.T. 0.006 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

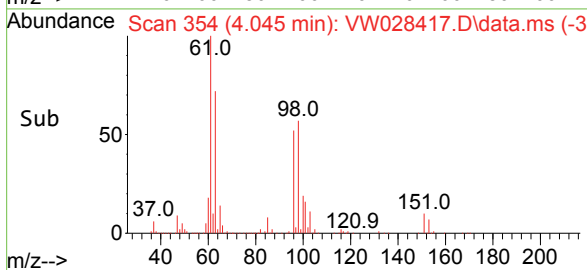
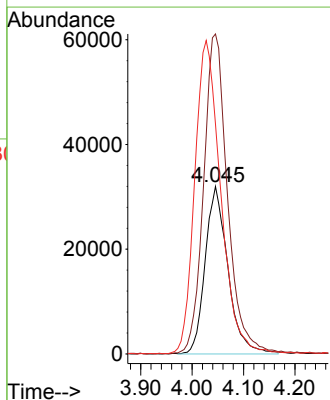
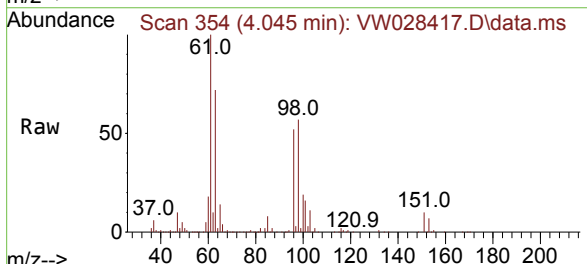
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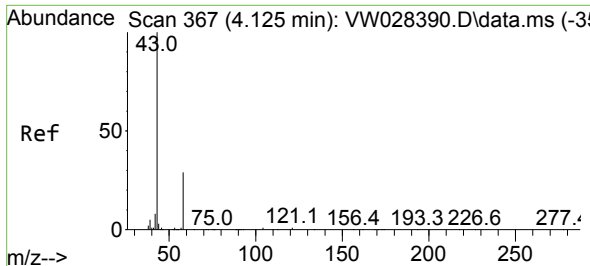
Tgt Ion:101 Resp: 104178
Ion Ratio Lower Upper
101 100
85 44.6 34.5 51.7
151 68.8 57.5 86.3



#12
1,1-Dichloroethene
Concen: 23.832 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

Tgt Ion: 96 Resp: 98462
Ion Ratio Lower Upper
96 100
61 191.1 130.5 242.5
63 137.3 101.5 188.5

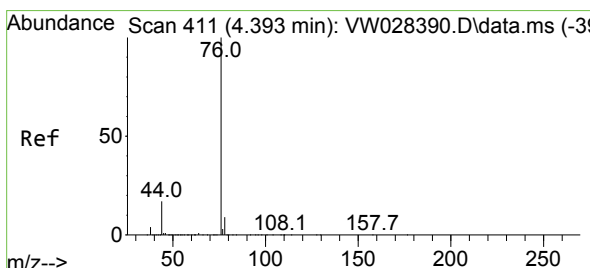
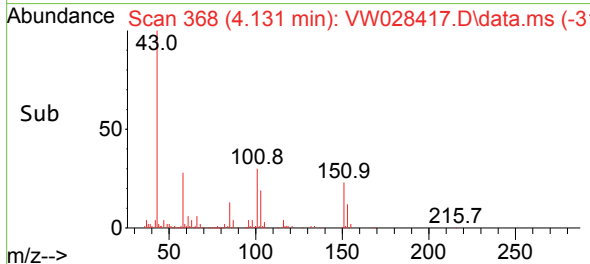
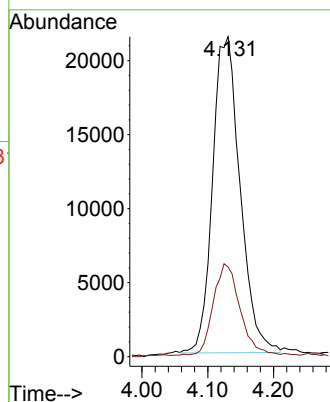
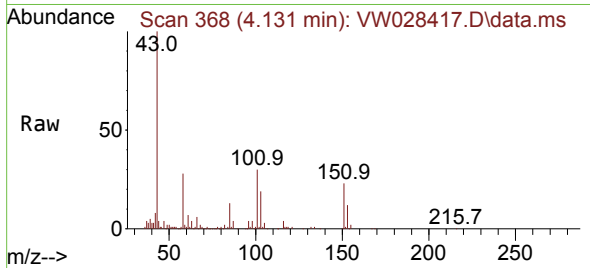




#13
Acetone
Concen: 54.107 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

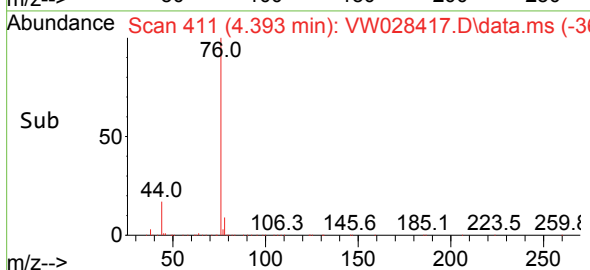
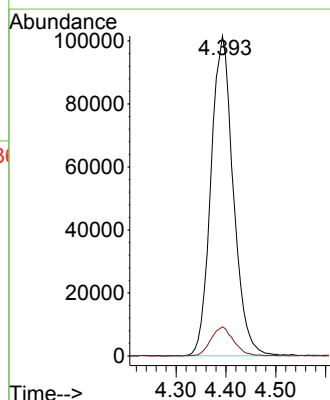
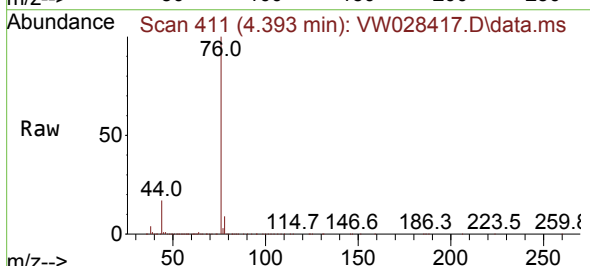
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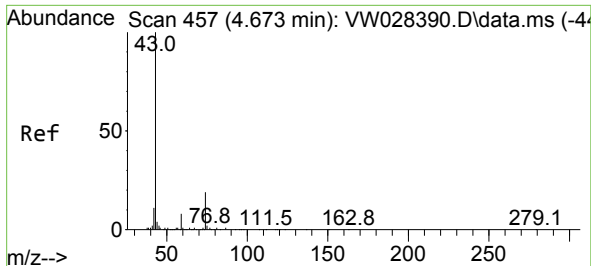
Tgt Ion: 43 Resp: 62134
Ion Ratio Lower Upper
43 100
58 28.7 0.0 53.4



#14
Carbon disulfide
Concen: 23.268 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

Tgt Ion: 76 Resp: 316492
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

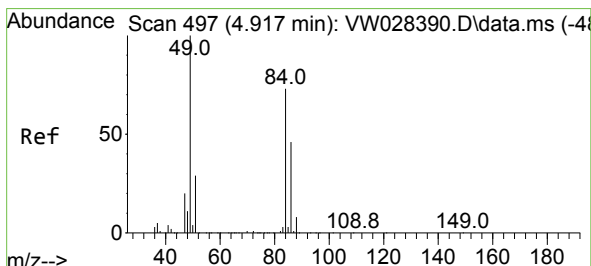
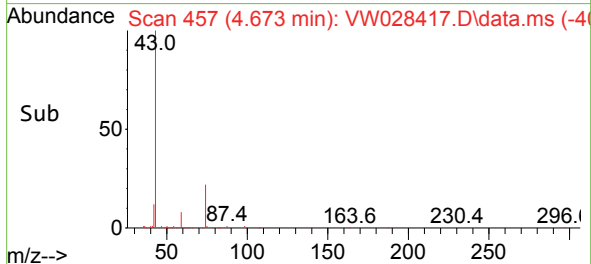
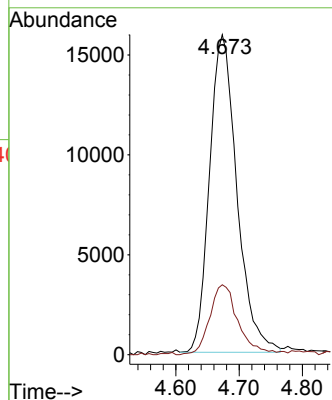
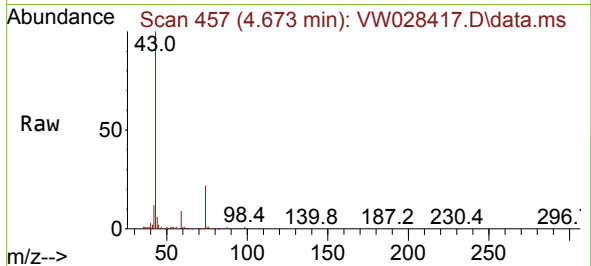




#15
Methyl Acetate
Concen: 25.879 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

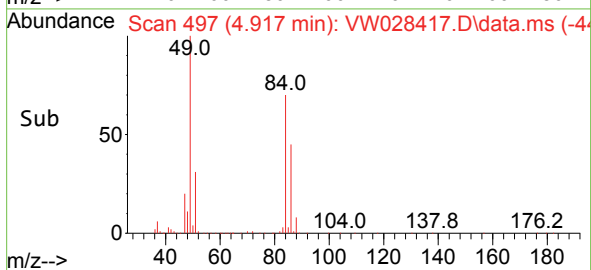
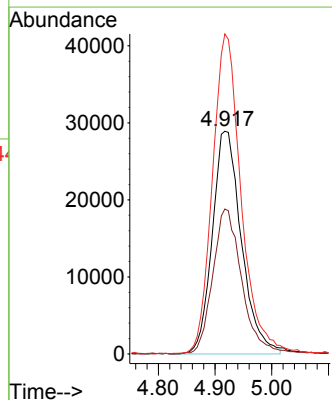
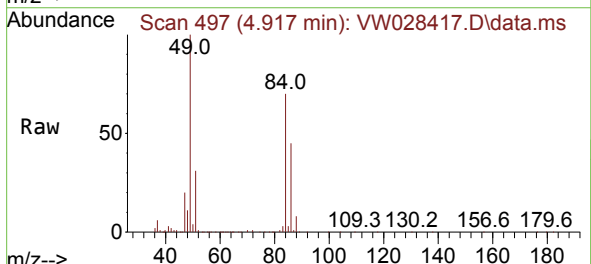
Instrument :
MSVOA_W
ClientSampleId :

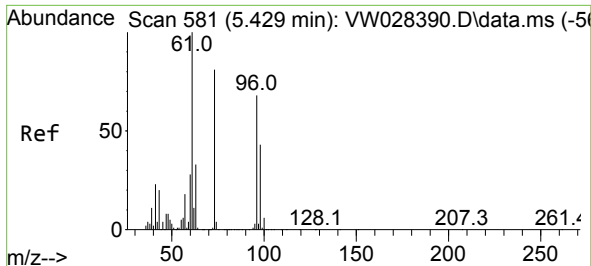
Tgt Ion: 43 Resp: 47818
Ion Ratio Lower Upper
43 100
74 22.7 17.4 26.0



#16
Methylene chloride
Concen: 21.825 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

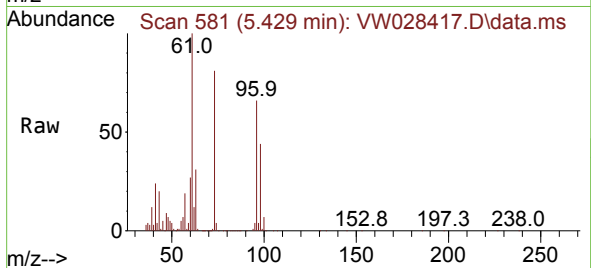
Tgt Ion: 84 Resp: 102958
Ion Ratio Lower Upper
84 100
86 65.1 44.2 82.0
49 143.7 95.0 176.4



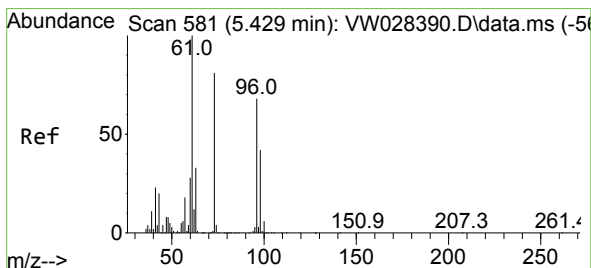
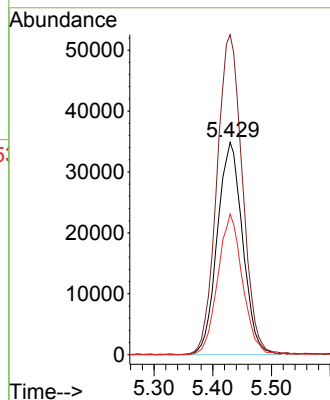
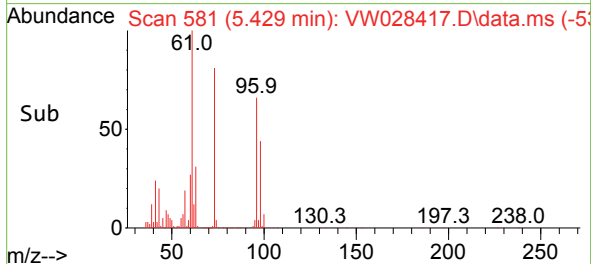


#17
trans-1,2-Dichloroethene
Concen: 24.034 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

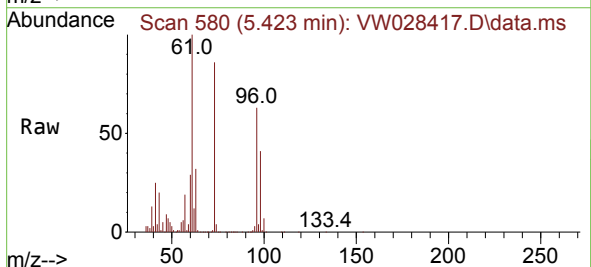
Instrument :
MSVOA_W
ClientSampleId :



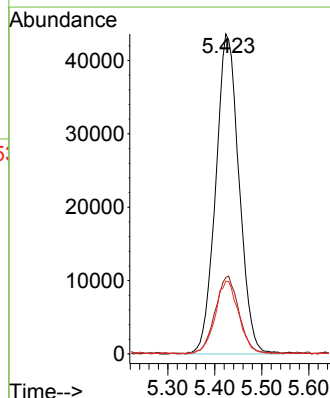
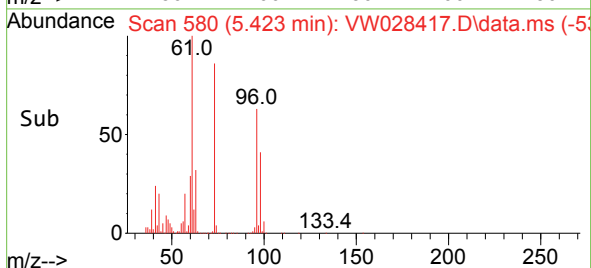
Tgt Ion: 96 Resp: 104595
Ion Ratio Lower Upper
96 100
61 150.7 108.4 201.4
98 66.1 45.6 84.8

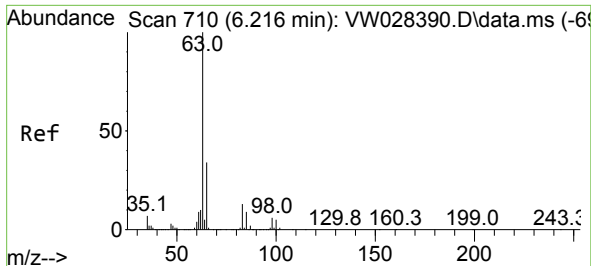


#18
Methyl tert-butyl Ether
Concen: 24.575 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06



Tgt Ion: 73 Resp: 150446
Ion Ratio Lower Upper
73 100
43 24.3 18.5 27.7
57 23.2 18.2 27.4





#19

1,1-Dichloroethane

Concen: 24.411 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

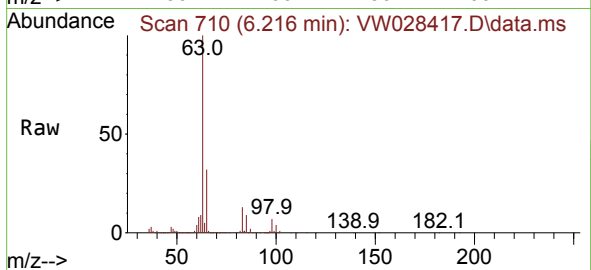
Lab File: VW028417.D

Acq: 12 Apr 2024 09:06

Instrument :

MSVOA_W

ClientSampleId :



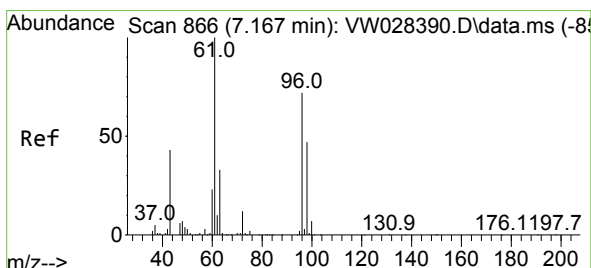
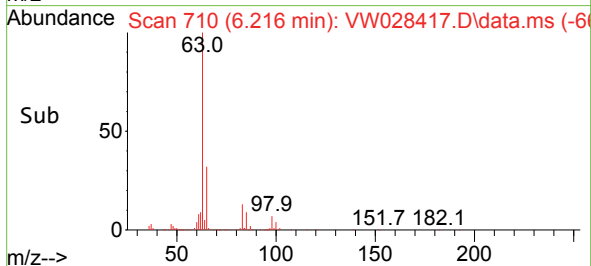
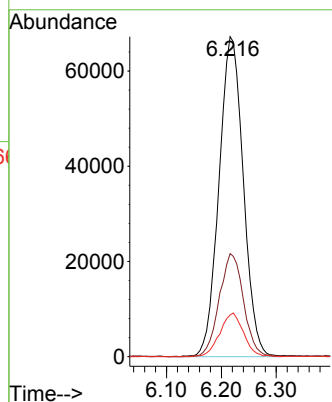
Tgt Ion: 63 Resp: 206987

Ion Ratio Lower Upper

63 100

65 32.2 21.8 40.4

83 13.1 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 23.952 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028417.D

Acq: 12 Apr 2024 09:06

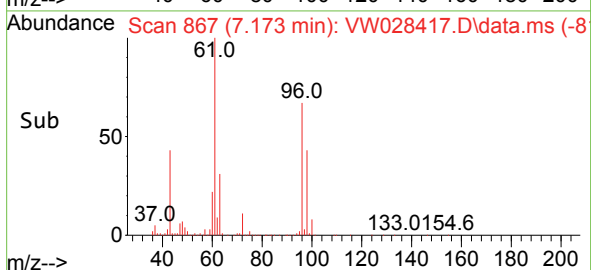
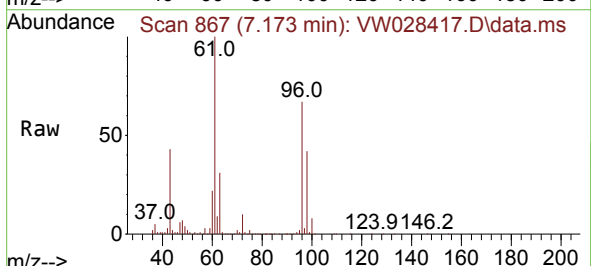
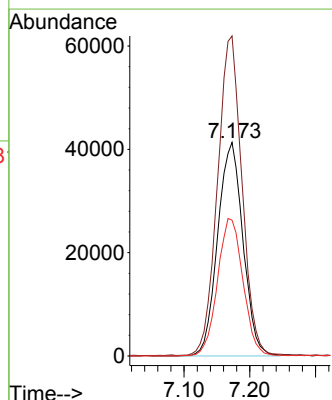
Tgt Ion: 96 Resp: 110634

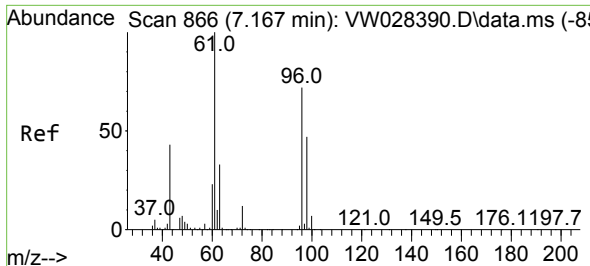
Ion Ratio Lower Upper

96 100

61 149.8 97.6 181.2

98 63.6 47.7 88.5

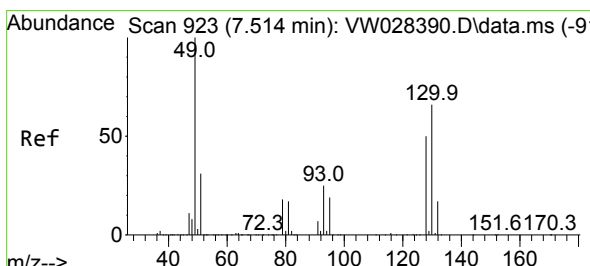
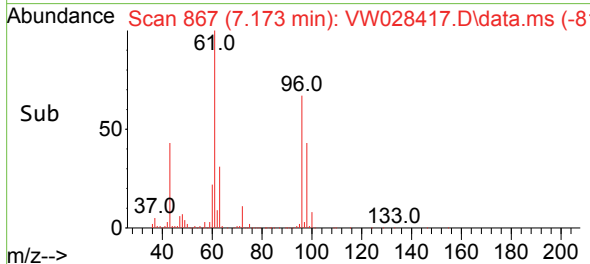
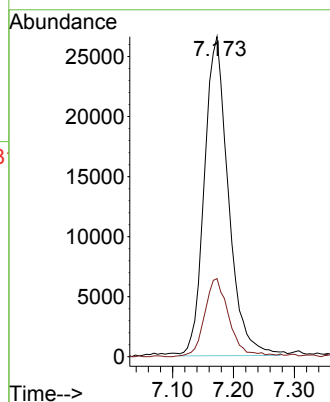
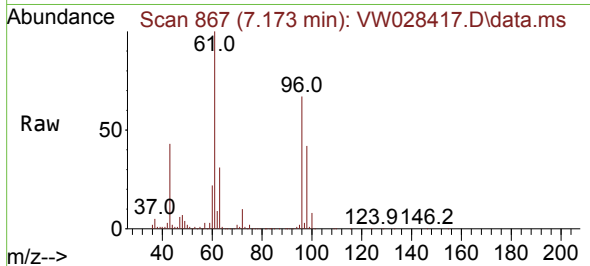




#22
2-Butanone
Concen: 52.367 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

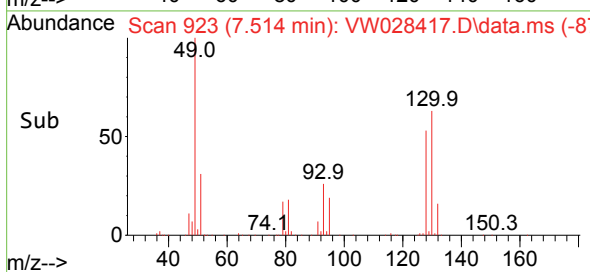
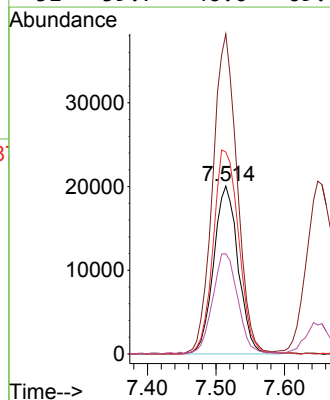
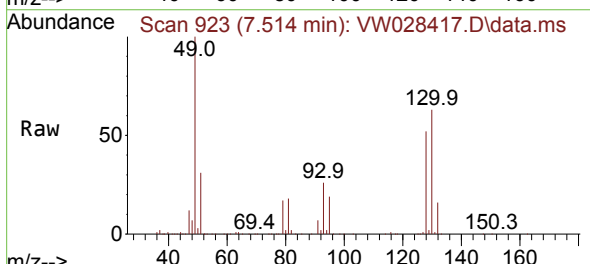
Instrument :
MSVOA_W
ClientSampleId :

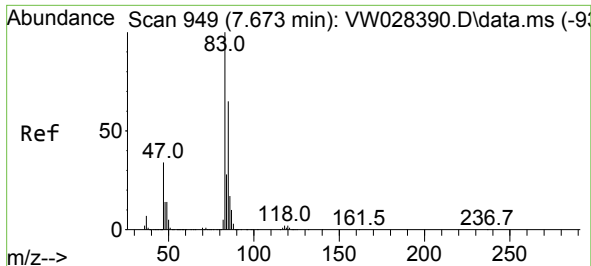
Tgt Ion: 43 Resp: 72980
Ion Ratio Lower Upper
43 100
72 24.1 12.8 38.4



#23
Bromochloromethane
Concen: 25.110 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

Tgt Ion: 128 Resp: 49957
Ion Ratio Lower Upper
128 100
49 190.7 127.1 236.0
130 120.4 78.3 145.5
51 59.7 46.0 69.0

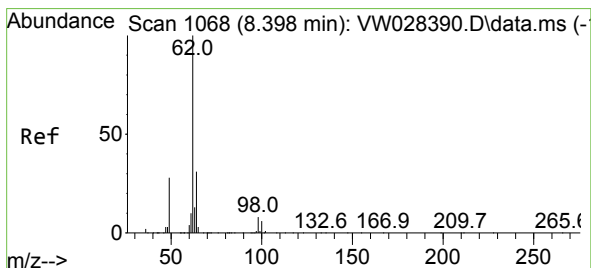
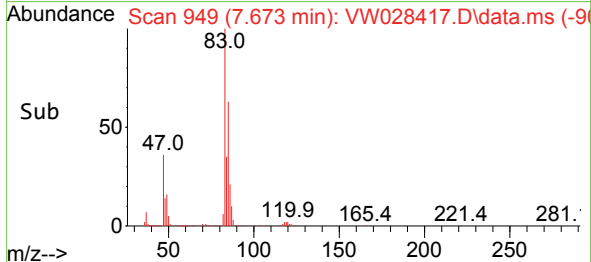
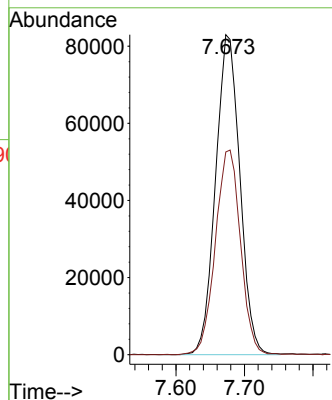
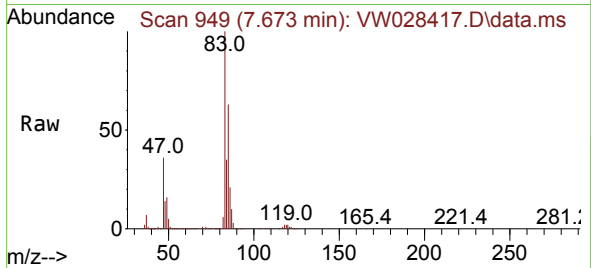




#25
Chloroform
Concen: 24.522 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

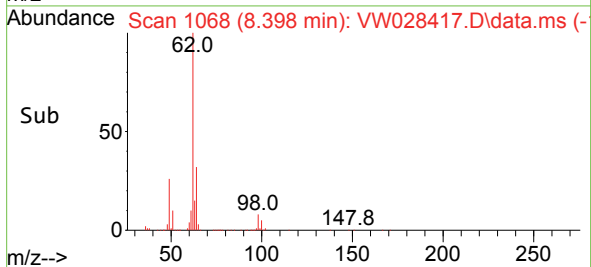
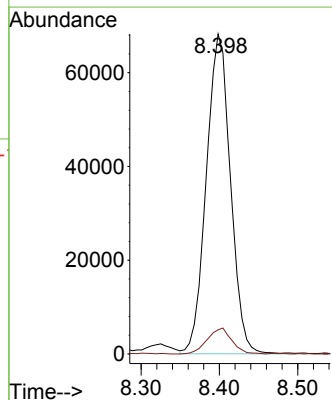
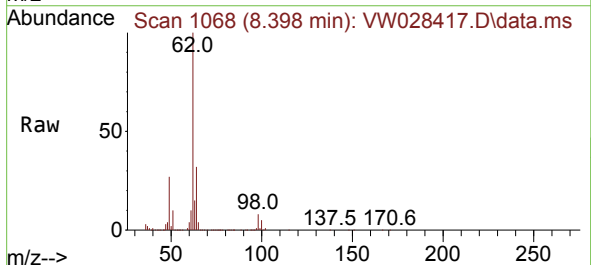
Instrument :
MSVOA_W
ClientSampleId :

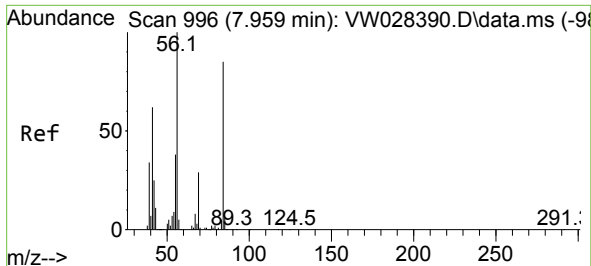
Tgt Ion: 83 Resp: 204255
Ion Ratio Lower Upper
83 100
85 63.3 47.7 88.7



#27
1,2-Dichloroethane
Concen: 25.433 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

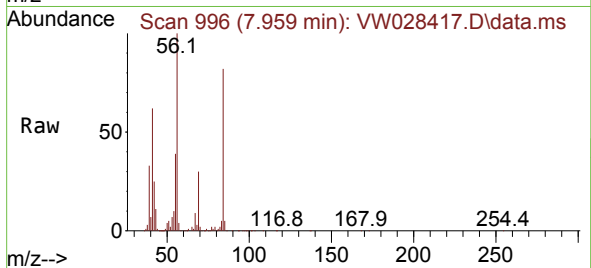
Tgt Ion: 62 Resp: 146215
Ion Ratio Lower Upper
62 100
98 7.6 6.6 10.0



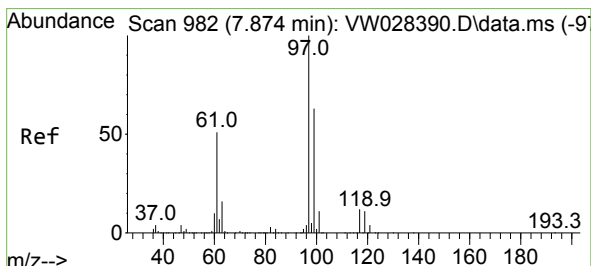
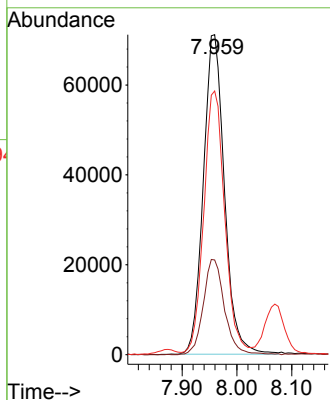
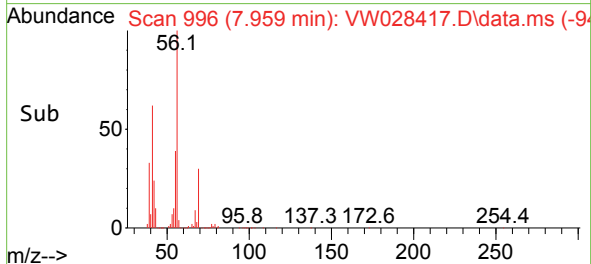


#29
Cyclohexane
Concen: 24.695 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

Instrument :
MSVOA_W
ClientSampleId :

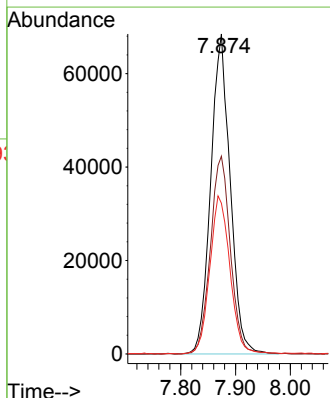
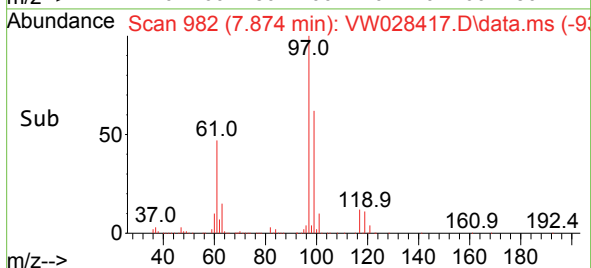
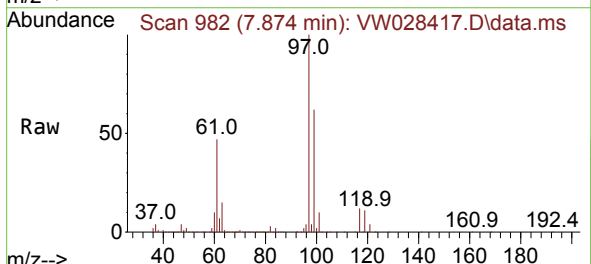


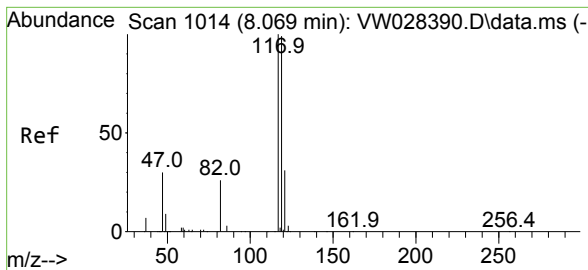
Tgt Ion: 56 Resp: 189834
Ion Ratio Lower Upper
56 100
69 29.8 23.8 35.6
84 82.2 65.9 98.9



#30
1,1,1-Trichloroethane
Concen: 23.844 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

Tgt Ion: 97 Resp: 168291
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.2
61 51.4 40.5 60.7

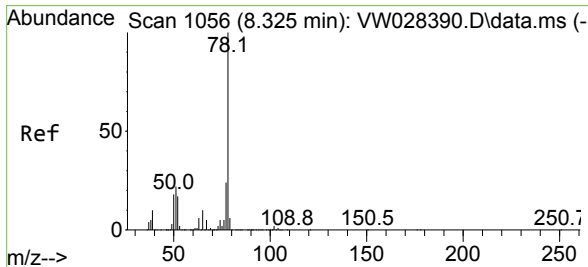
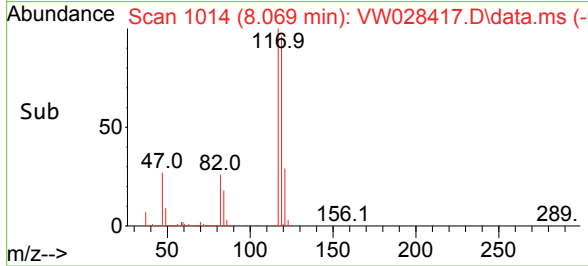
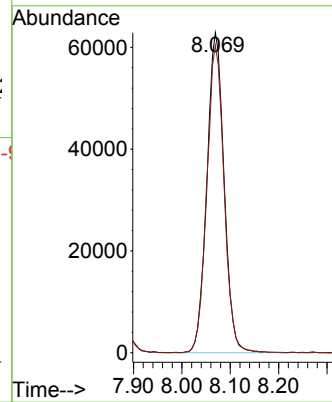
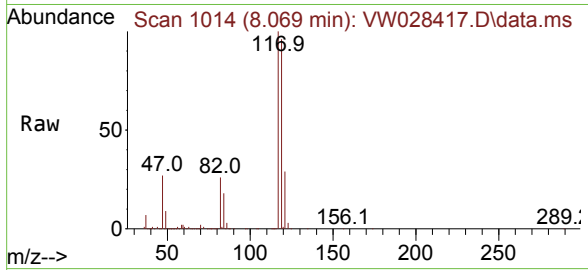




#31
Carbon tetrachloride
Concen: 24.822 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

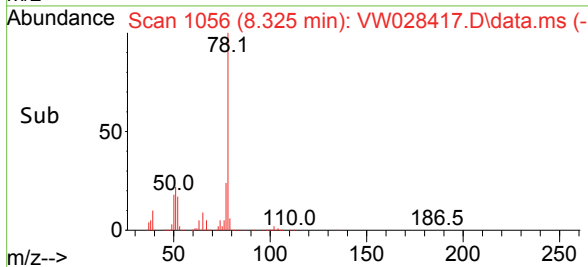
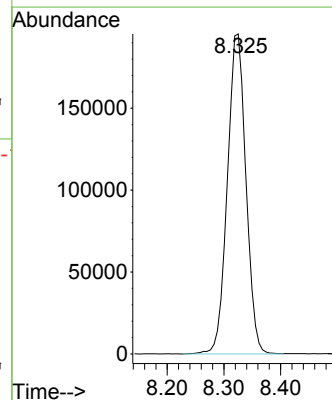
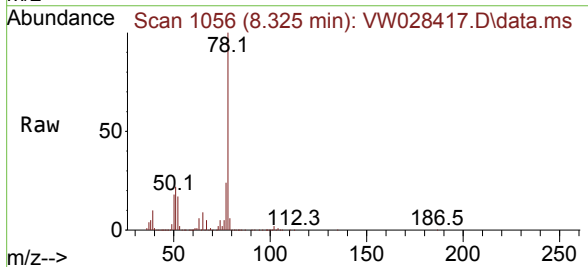
Instrument :
MSVOA_W
ClientSampleId :

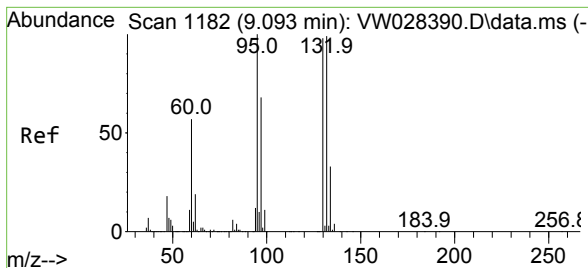
Tgt Ion:117 Resp: 155359
Ion Ratio Lower Upper
117 100
119 96.4 77.4 116.2



#33
Benzene
Concen: 24.403 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

Tgt Ion: 78 Resp: 444020





#34

Trichloroethene

Concen: 23.908 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

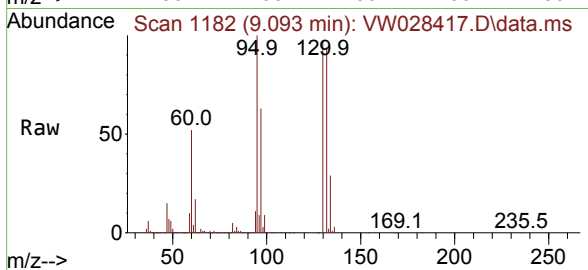
Lab File: VW028417.D

Acq: 12 Apr 2024 09:06

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 117894

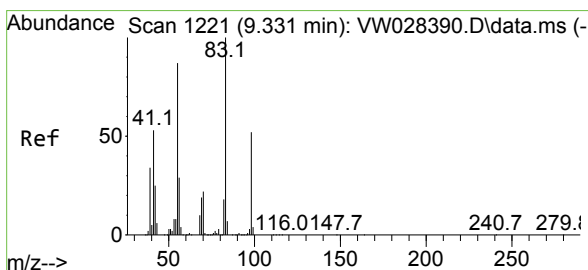
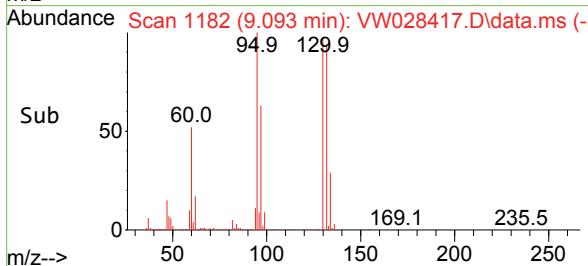
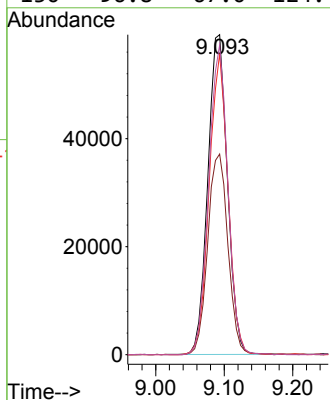
Ion Ratio Lower Upper

95 100

97 62.7 43.8 81.4

132 94.0 66.1 122.8

130 96.8 67.0 124.4



#35

Methylcyclohexane

Concen: 24.771 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW028417.D

Acq: 12 Apr 2024 09:06

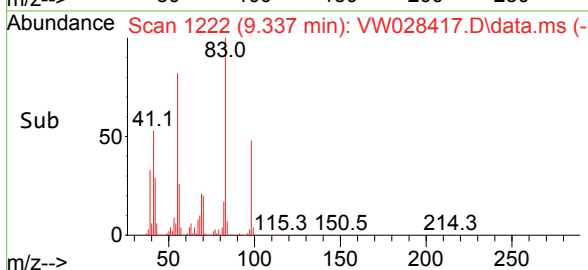
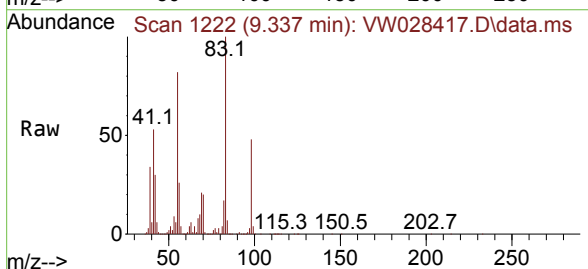
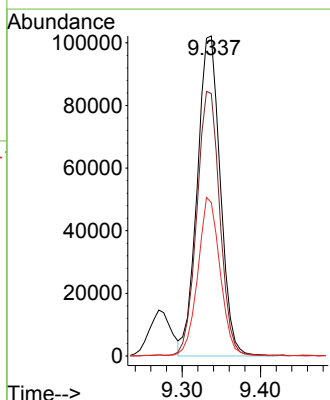
Tgt Ion: 83 Resp: 208436

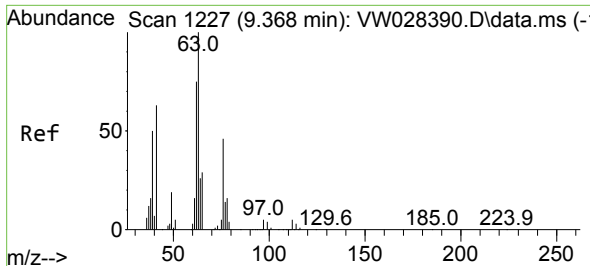
Ion Ratio Lower Upper

83 100

55 82.4 65.7 98.5

98 47.9 38.6 58.0

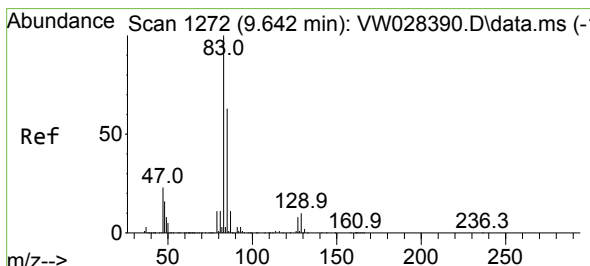
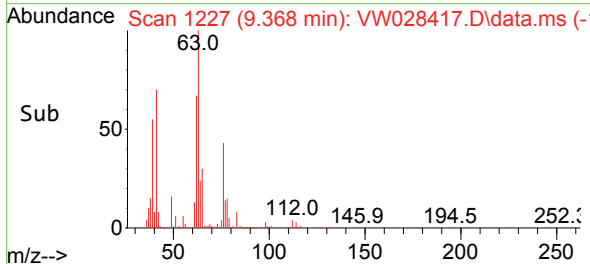
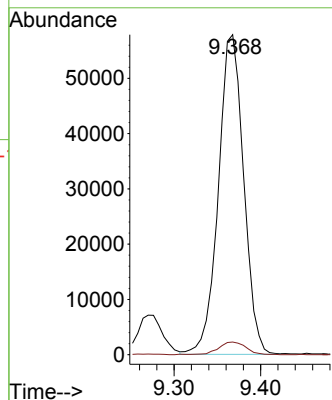
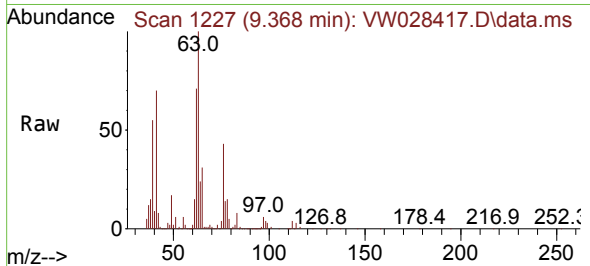




#37
1,2-Dichloropropane
Concen: 24.747 ug/L
RT: 9.368 min Scan# 117359
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

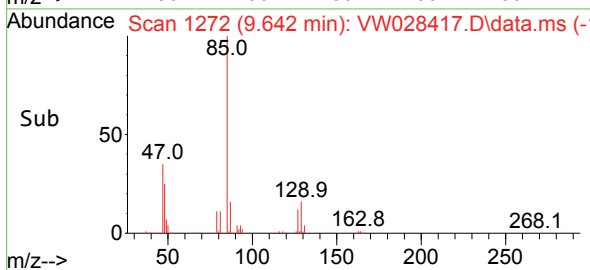
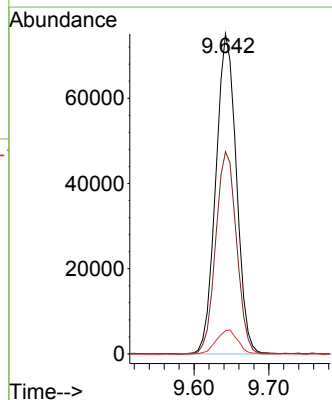
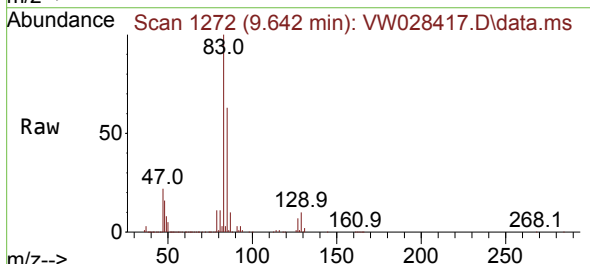
Instrument :
MSVOA_W
ClientSampleId :

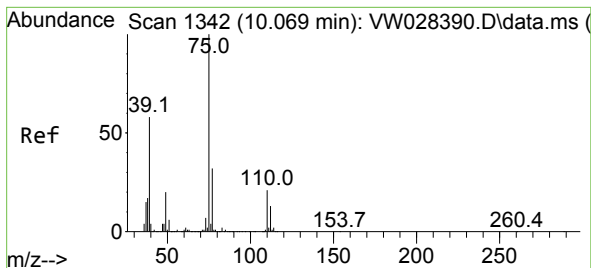
Tgt Ion: 63 Resp: 117359
Ion Ratio Lower Upper
63 100
112 4.1 3.6 5.4



#38
Bromodichloromethane
Concen: 24.488 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

Tgt Ion: 83 Resp: 143947
Ion Ratio Lower Upper
83 100
85 63.2 43.1 80.1
127 7.3 6.4 9.6

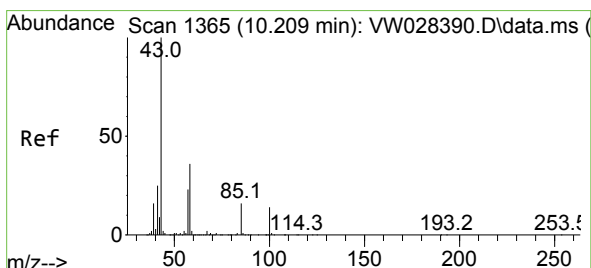
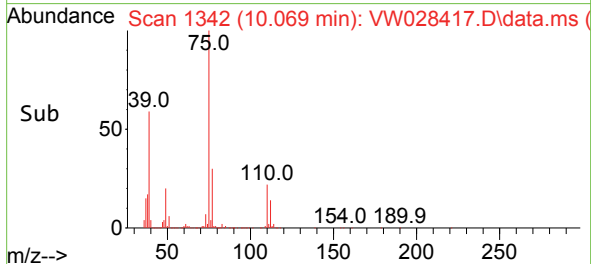
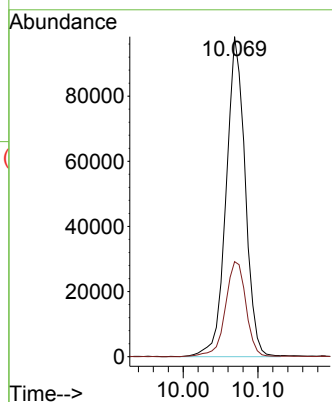
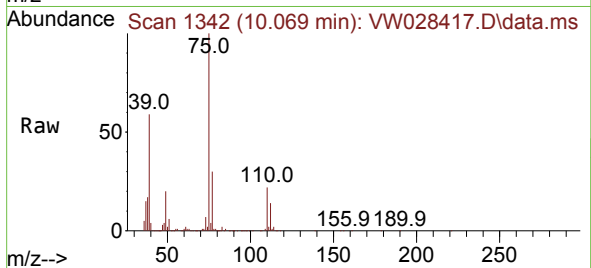




#39
 cis-1,3-Dichloropropene
 Concen: 25.060 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. 0.000 min
 Lab File: VW028417.D
 Acq: 12 Apr 2024 09:06

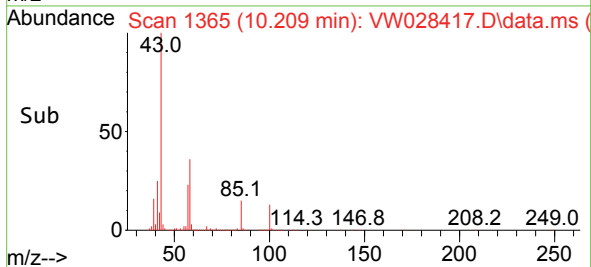
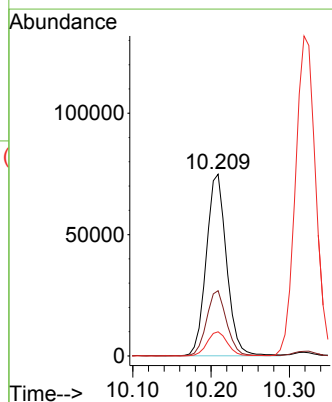
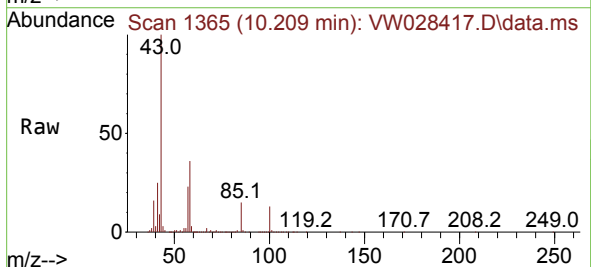
Instrument :
 MSVOA_W
 ClientSampleId :

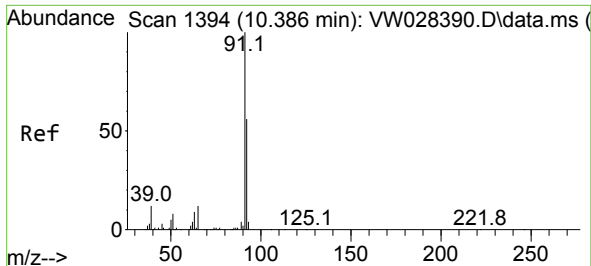
Tgt Ion: 75 Resp: 174282
 Ion Ratio Lower Upper
 75 100
 77 29.7 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 56.638 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW028417.D
 Acq: 12 Apr 2024 09:06

Tgt Ion: 43 Resp: 134462
 Ion Ratio Lower Upper
 43 100
 58 35.5 28.6 43.0
 100 13.5 10.6 16.0

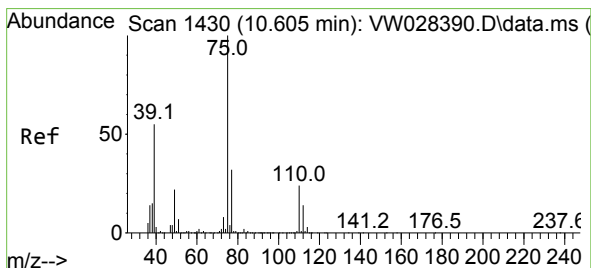
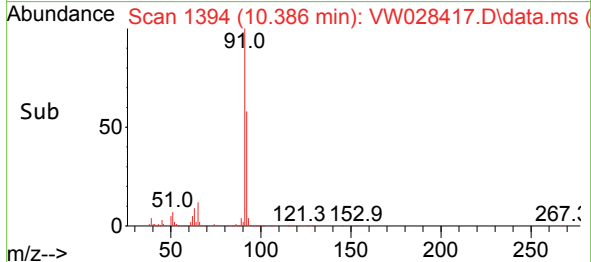
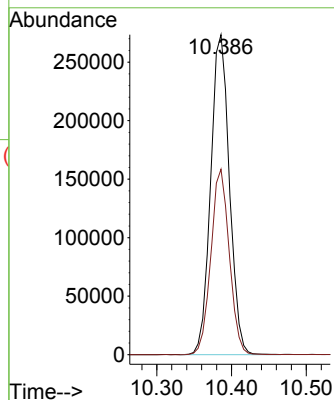
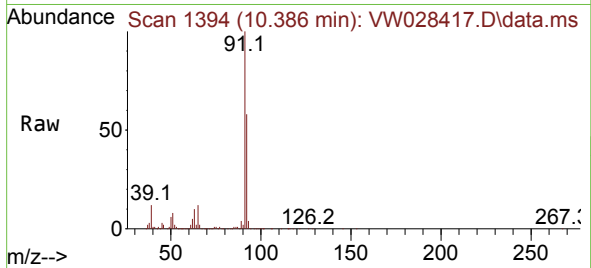




#42
Toluene
Concen: 24.727 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

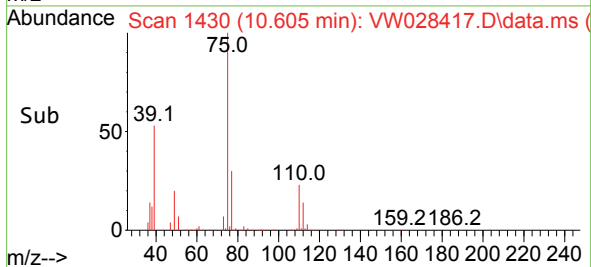
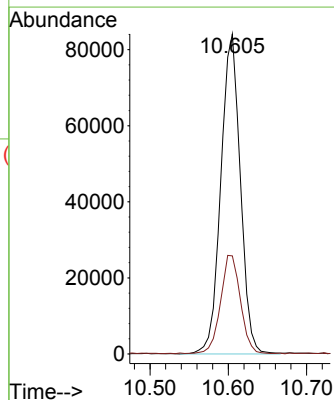
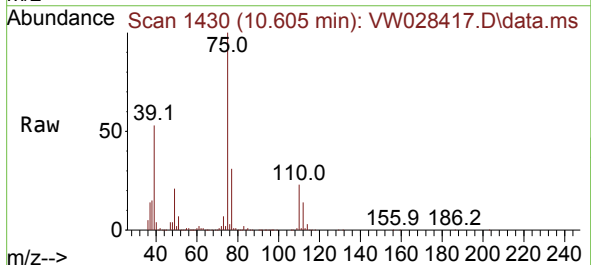
Instrument :
MSVOA_W
ClientSampleId :

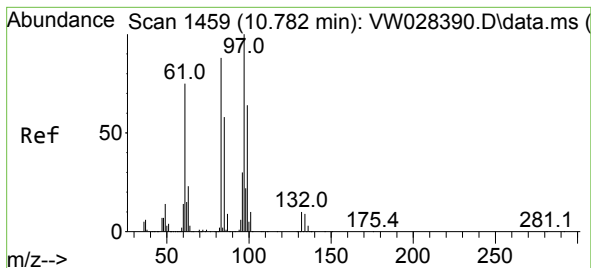
Tgt Ion: 91 Resp: 476652
Ion Ratio Lower Upper
91 100
92 58.0 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 25.880 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

Tgt Ion: 75 Resp: 145603
Ion Ratio Lower Upper
75 100
77 30.6 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 25.560 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

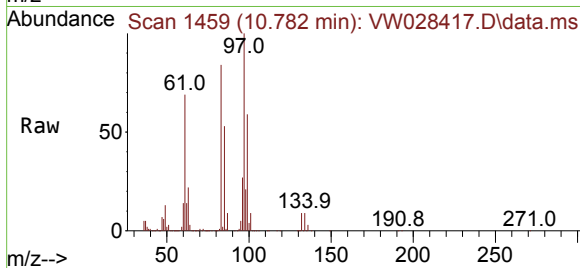
Lab File: VW028417.D

Acq: 12 Apr 2024 09:06

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 82007

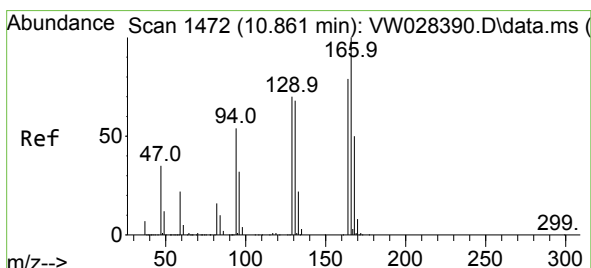
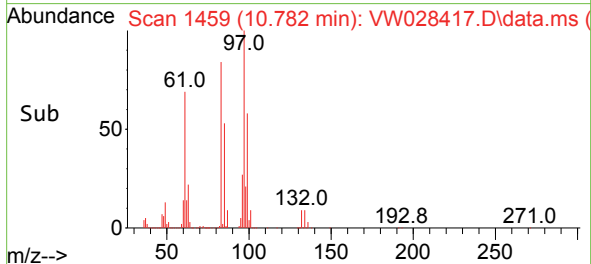
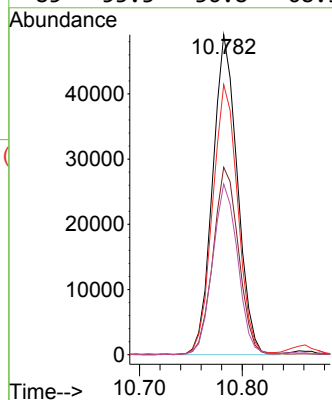
Ion Ratio Lower Upper

97 100

99 58.6 44.2 82.2

83 84.4 56.4 104.7

85 53.3 36.8 68.3



#46

Tetrachloroethene

Concen: 23.846 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028417.D

Acq: 12 Apr 2024 09:06

Tgt Ion:164 Resp: 87830

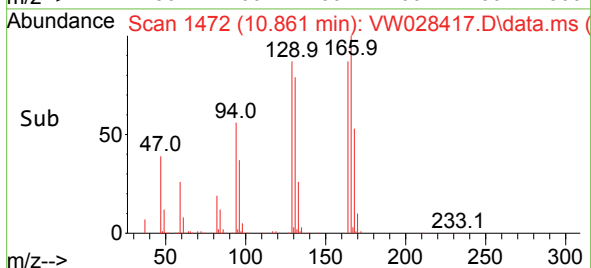
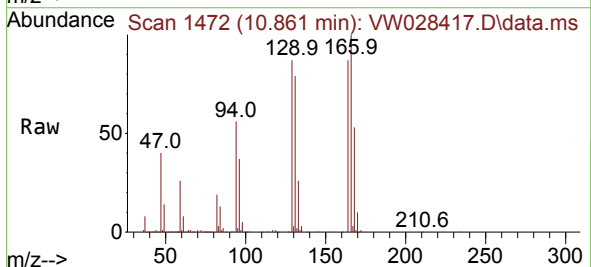
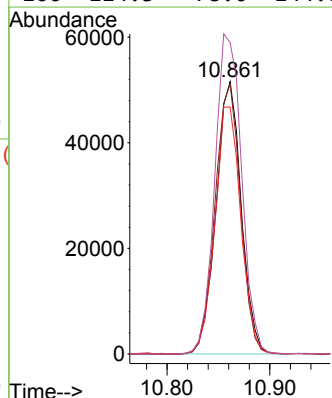
Ion Ratio Lower Upper

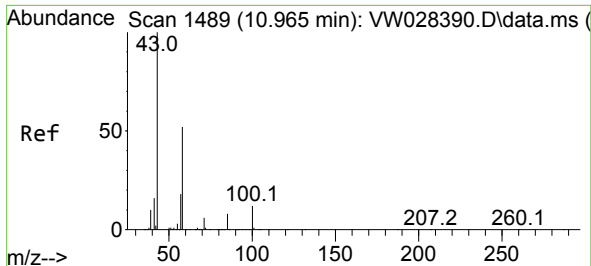
164 100

129 99.1 59.7 110.9

131 90.7 58.2 108.2

166 114.3 78.0 144.8

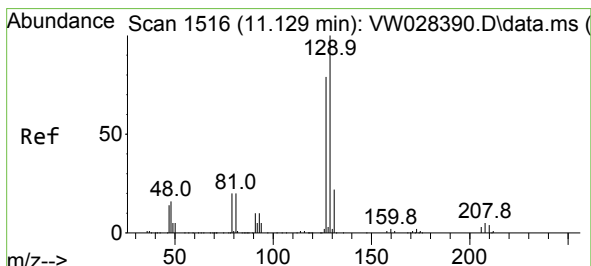
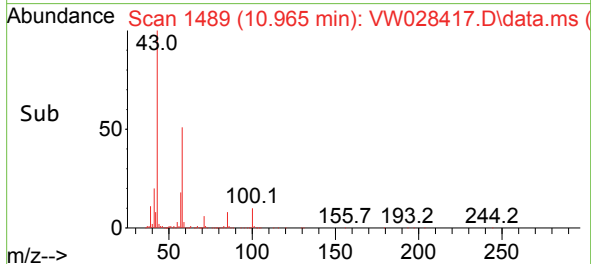
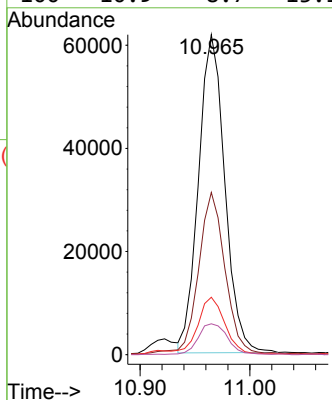
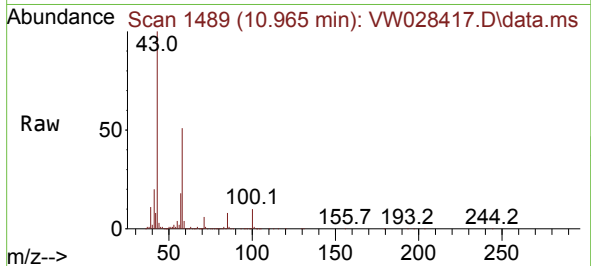




#48
2-Hexanone
Concen: 54.644 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

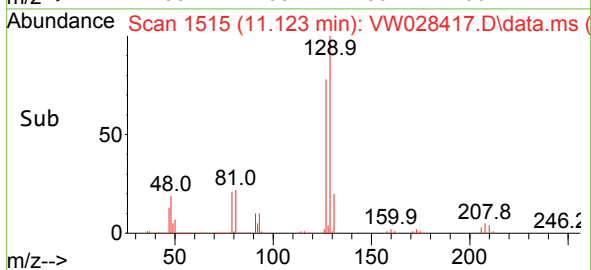
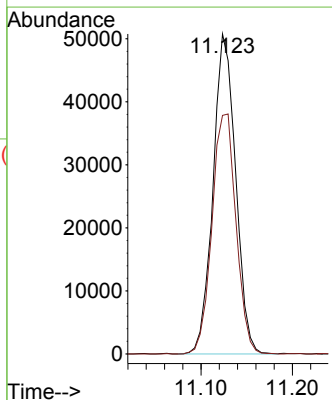
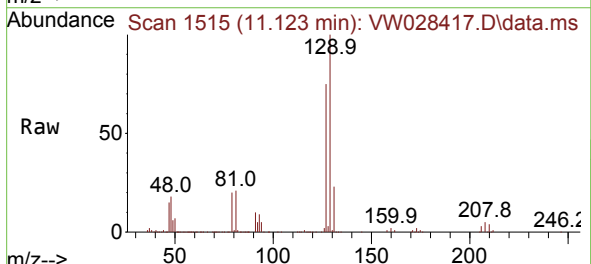
Instrument :
MSVOA_W
ClientSampleId :

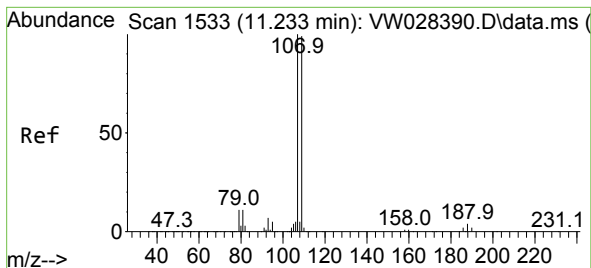
Tgt Ion: 43 Resp: 102973
Ion Ratio Lower Upper
43 100
58 49.1 38.9 58.3
57 18.0 14.4 21.6
100 10.9 8.7 13.1



#49
Dibromochloromethane
Concen: 25.422 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

Tgt Ion: 129 Resp: 87178
Ion Ratio Lower Upper
129 100
127 74.6 53.0 98.4

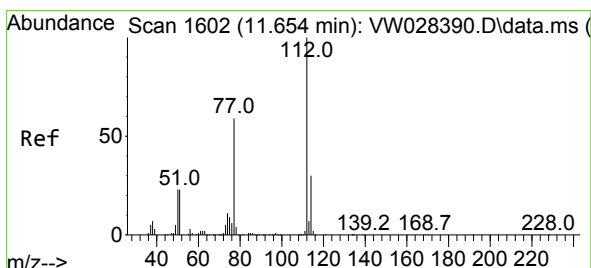
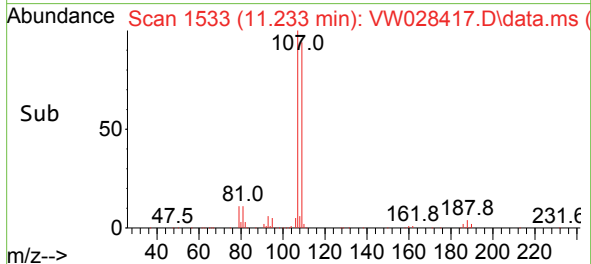
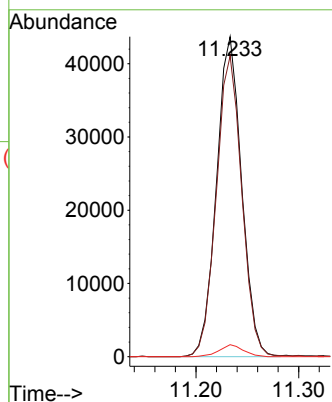
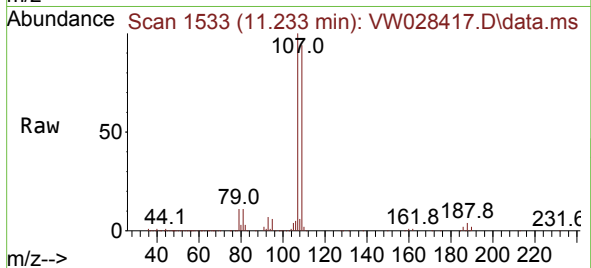




#50
1,2-Dibromoethane
Concen: 25.345 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

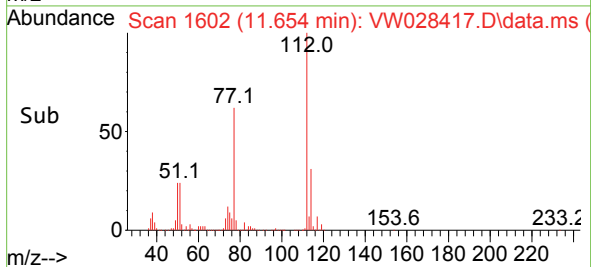
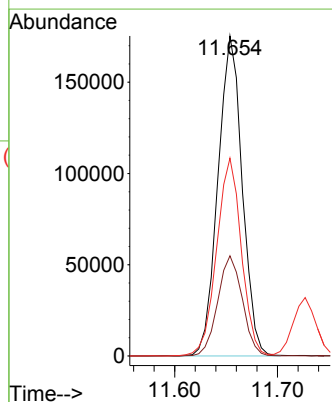
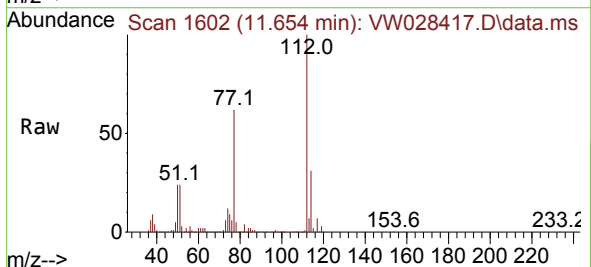
Instrument :
MSVOA_W
ClientSampleId :

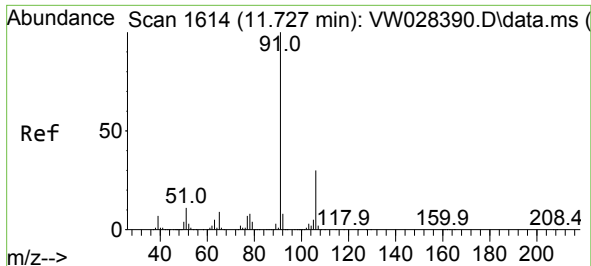
Tgt Ion:107 Resp: 74221
Ion Ratio Lower Upper
107 100
109 94.0 62.1 115.3
188 3.8 3.2 4.8



#51
Chlorobenzene
Concen: 23.979 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

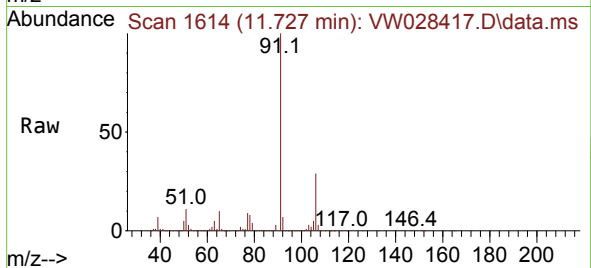
Tgt Ion:112 Resp: 287309
Ion Ratio Lower Upper
112 100
114 31.3 22.3 41.3
77 61.8 51.8 77.8



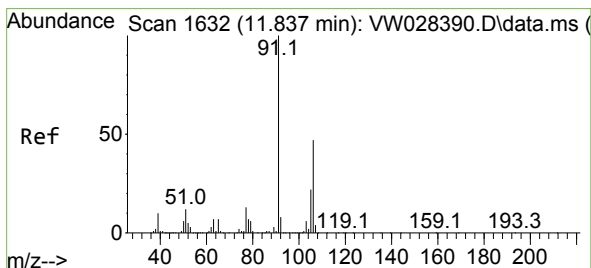
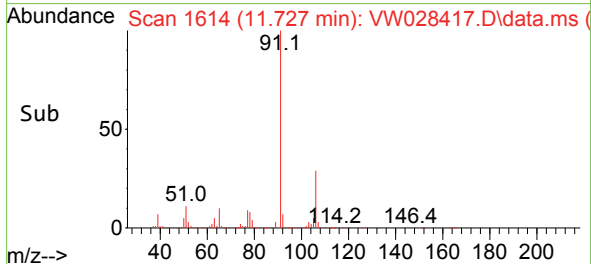
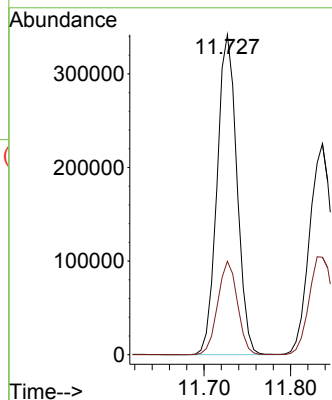


#52
Ethylbenzene
Concen: 24.913 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

Instrument :
MSVOA_W
ClientSampleId :

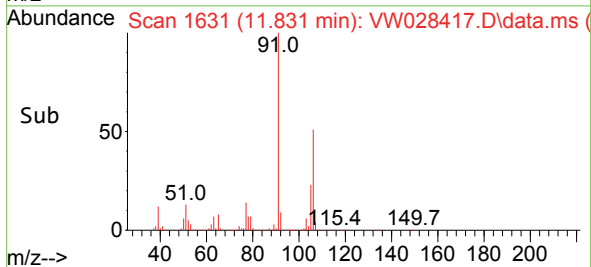
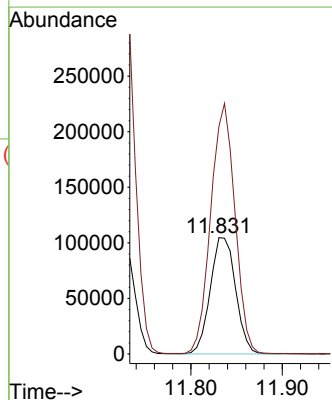
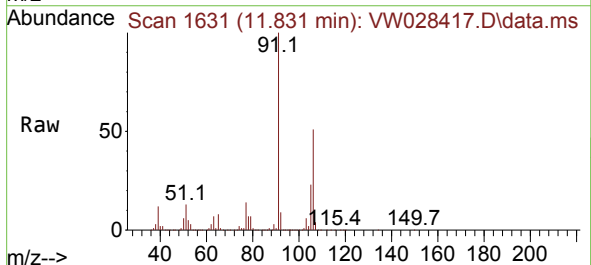


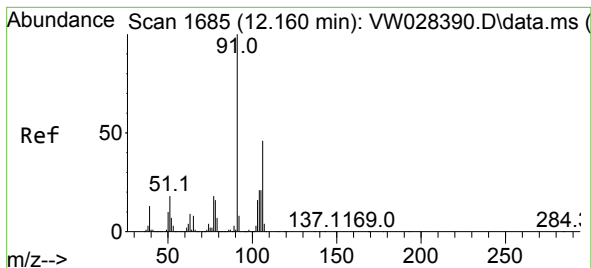
Tgt Ion: 91 Resp: 544390
Ion Ratio Lower Upper
91 100
106 29.2 21.2 39.4



#53
m,p-Xylene
Concen: 24.826 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

Tgt Ion:106 Resp: 201735
Ion Ratio Lower Upper
106 100
91 195.6 152.4 283.0





#54

o-Xylene

Concen: 24.902 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028417.D

Acq: 12 Apr 2024 09:06

Instrument :

MSVOA_W

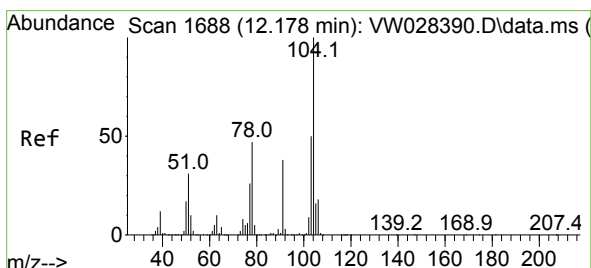
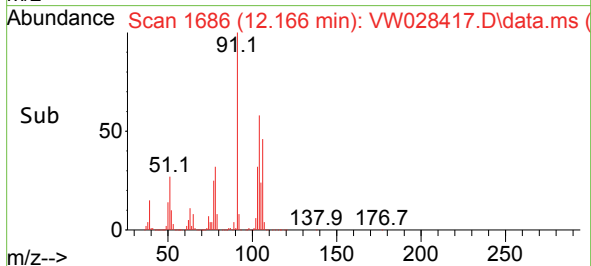
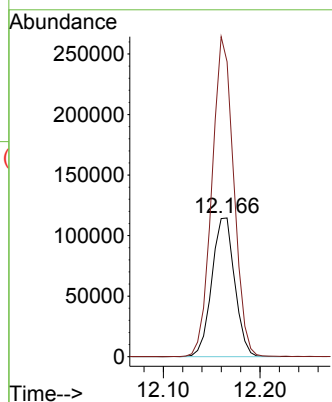
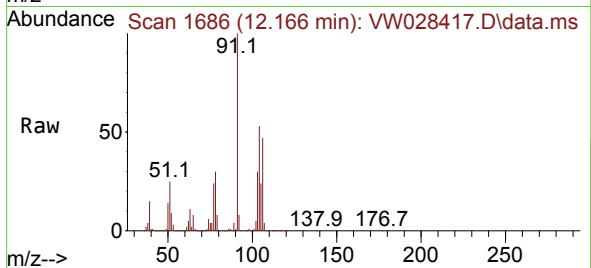
ClientSampleId :

Tgt Ion:106 Resp: 188417

Ion Ratio Lower Upper

106 100

91 212.4 152.9 283.9



#55

Styrene

Concen: 25.288 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028417.D

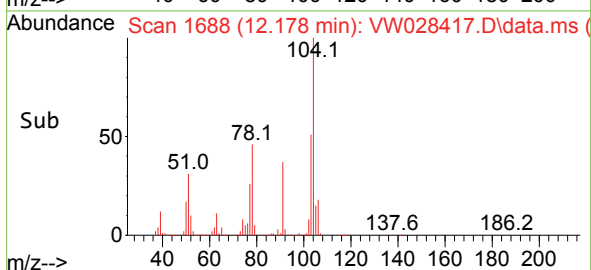
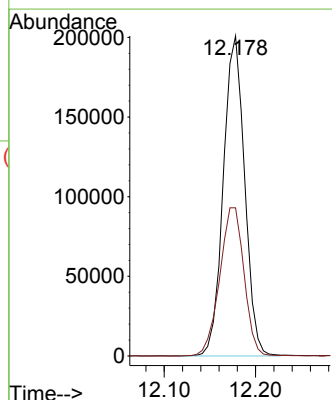
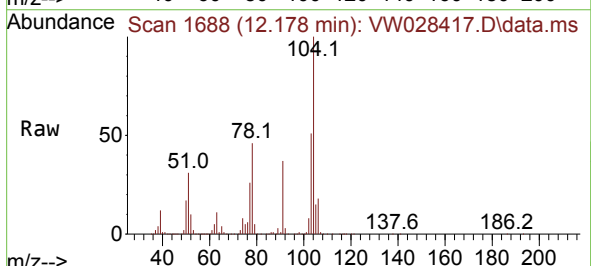
Acq: 12 Apr 2024 09:06

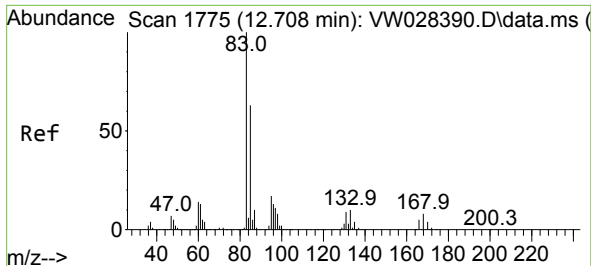
Tgt Ion:104 Resp: 325641

Ion Ratio Lower Upper

104 100

78 46.3 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 26.522 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028417.D

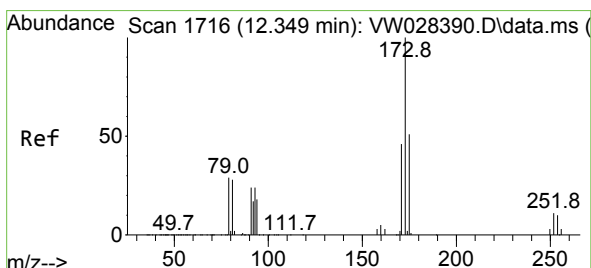
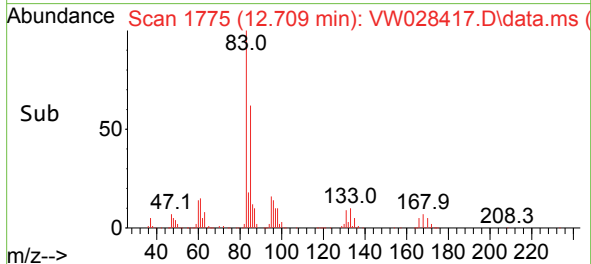
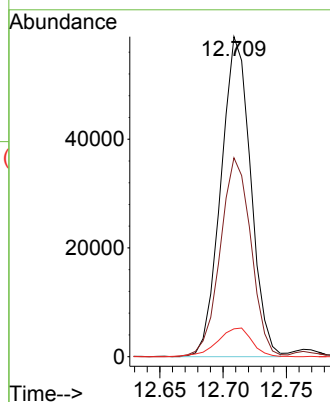
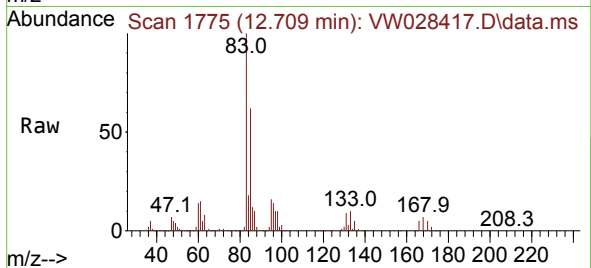
Acq: 12 Apr 2024 09:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 96302
Ion Ratio	Lower Upper
83 100	
85 62.1	43.4 80.6
131 8.7	8.0 12.0



#59

Bromoform

Concen: 25.305 ug/L

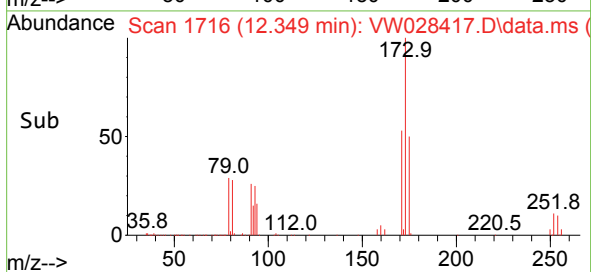
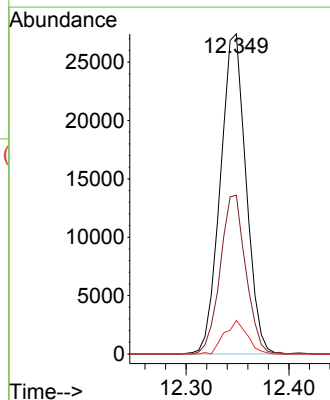
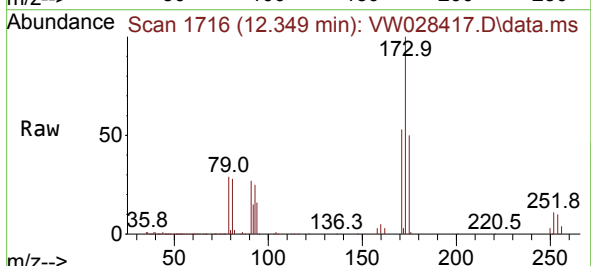
RT: 12.349 min Scan# 1716

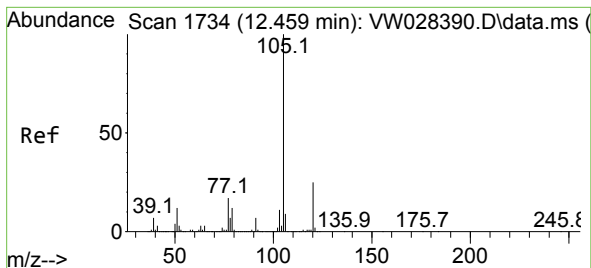
Delta R.T. 0.000 min

Lab File: VW028417.D

Acq: 12 Apr 2024 09:06

Tgt Ion: 173	Resp: 47560
Ion Ratio	Lower Upper
173 100	
175 49.4	39.2 58.8
254 9.3	8.3 12.5

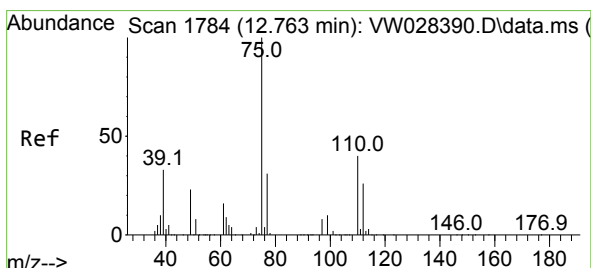
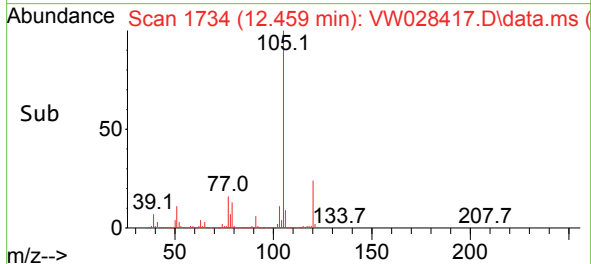
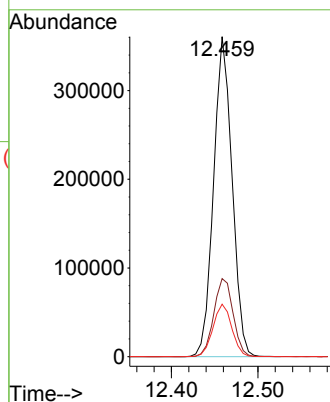
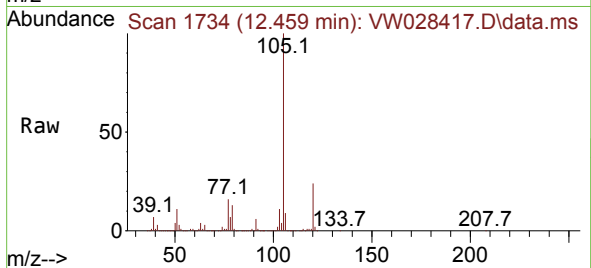




#60
Isopropylbenzene
Concen: 25.120 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

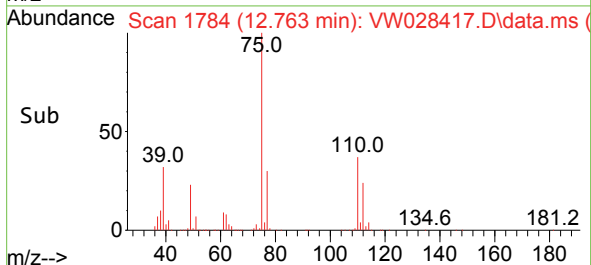
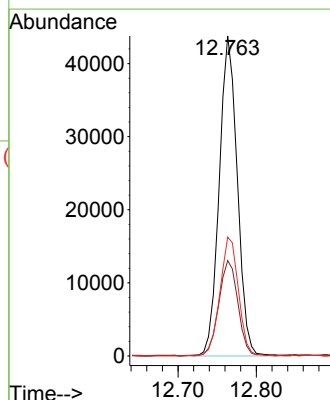
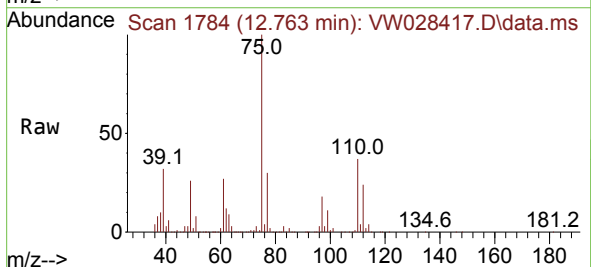
Instrument :
MSVOA_W
ClientSampleId :

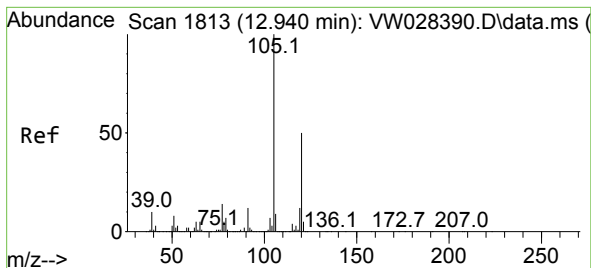
Tgt Ion:105 Resp: 536214
Ion Ratio Lower Upper
105 100
120 25.4 20.8 31.2
77 16.7 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 27.033 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

Tgt Ion: 75 Resp: 70373
Ion Ratio Lower Upper
75 100
77 30.9 26.1 39.1
110 38.0 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 25.585 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028417.D

Acq: 12 Apr 2024 09:06

Instrument :

MSVOA_W

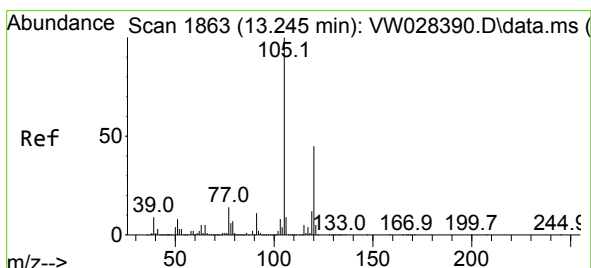
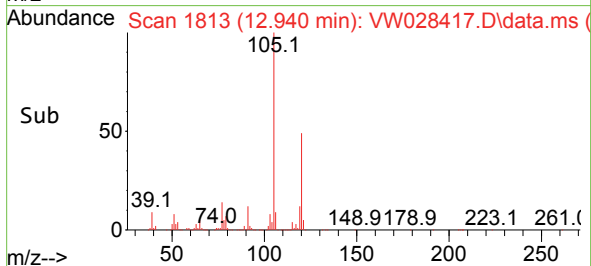
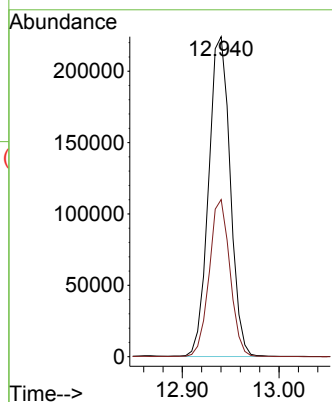
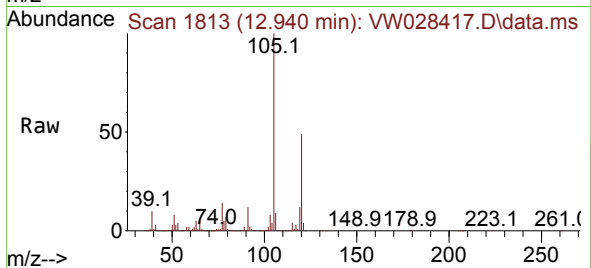
ClientSampleId :

Tgt Ion:105 Resp: 348088

Ion Ratio Lower Upper

105 100

120 47.3 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 25.045 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028417.D

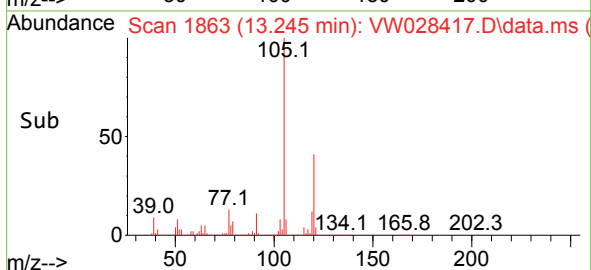
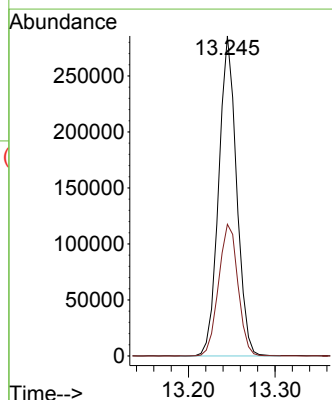
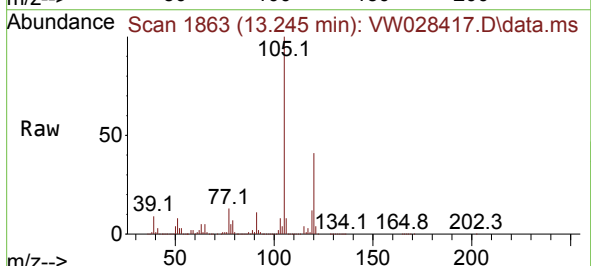
Acq: 12 Apr 2024 09:06

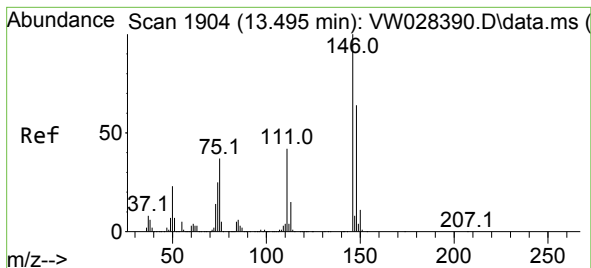
Tgt Ion:105 Resp: 410079

Ion Ratio Lower Upper

105 100

120 44.6 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 24.356 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028417.D

Acq: 12 Apr 2024 09:06

Instrument :

MSVOA_W

ClientSampleId :

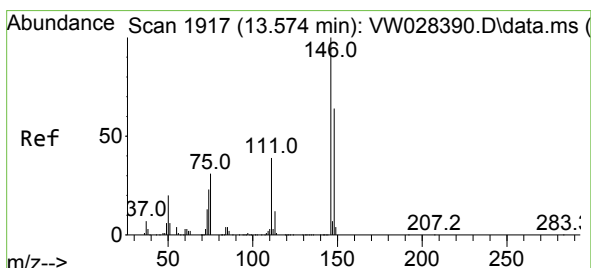
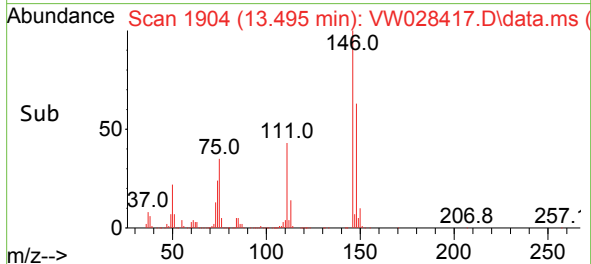
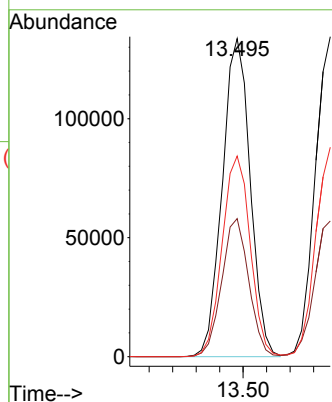
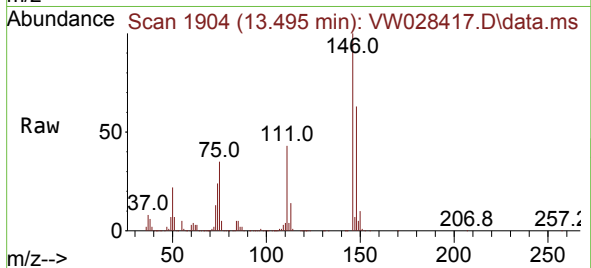
Tgt Ion:146 Resp: 220598

Ion Ratio Lower Upper

146 100

111 43.4 29.8 55.3

148 63.1 47.3 87.8



#65

1,4-Dichlorobenzene

Concen: 23.604 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028417.D

Acq: 12 Apr 2024 09:06

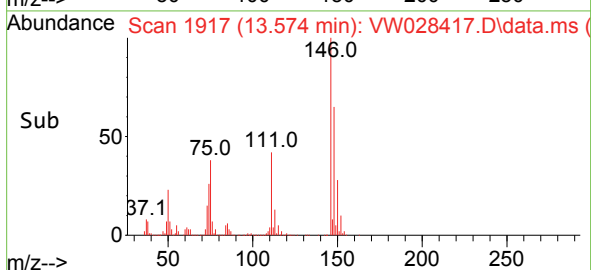
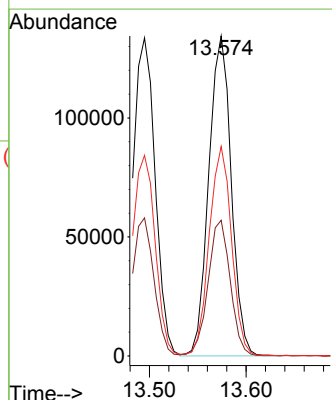
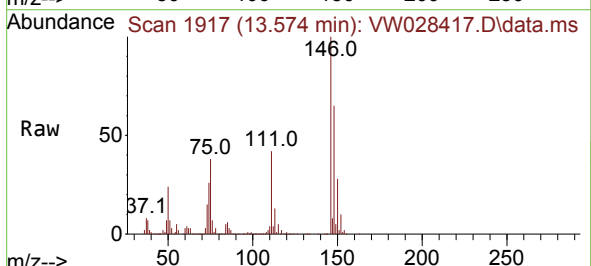
Tgt Ion:146 Resp: 217478

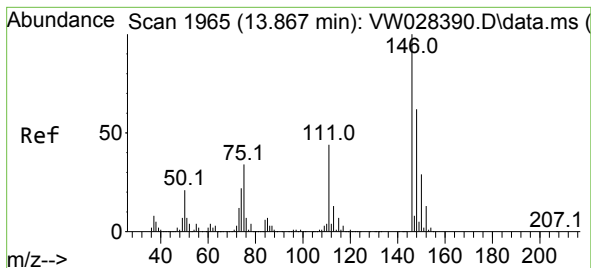
Ion Ratio Lower Upper

146 100

111 42.4 30.3 56.3

148 65.5 47.3 87.8

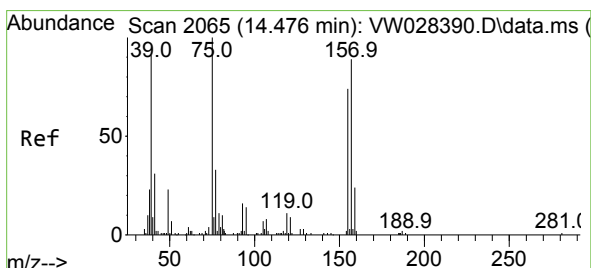
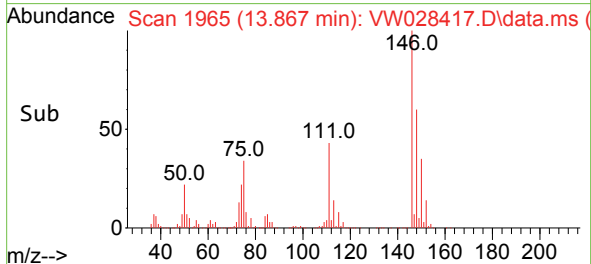
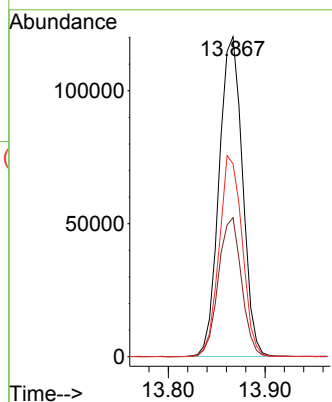
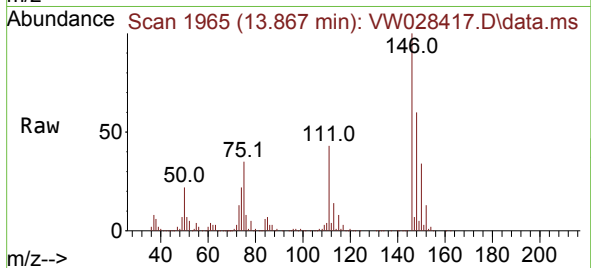




#67
1,2-Dichlorobenzene
Concen: 25.318 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

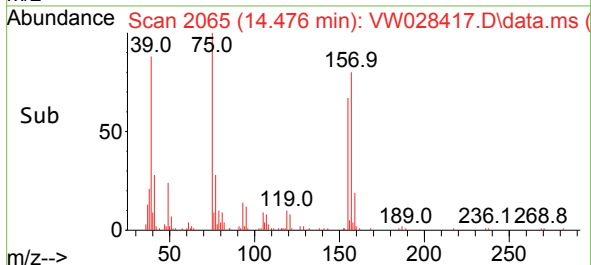
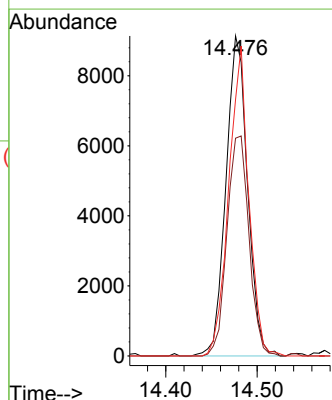
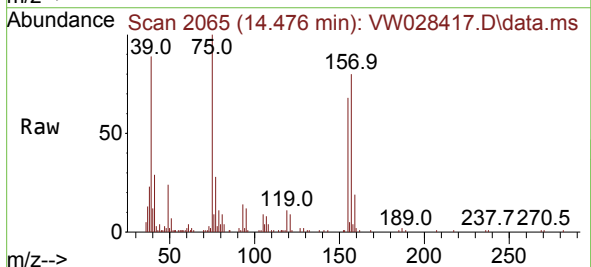
Instrument :
MSVOA_W
ClientSampleId :

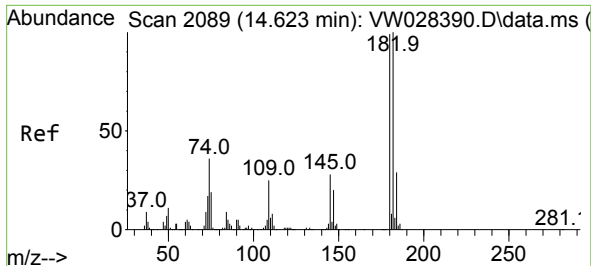
Tgt Ion:146 Resp: 201708
Ion Ratio Lower Upper
146 100
111 43.5 31.4 47.2
148 60.3 46.4 69.6



#68
1,2-Dibromo-3-chloropropane
Concen: 25.198 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028417.D
Acq: 12 Apr 2024 09:06

Tgt Ion: 75 Resp: 15031
Ion Ratio Lower Upper
75 100
155 68.0 61.2 91.8
157 80.1 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 23.292 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

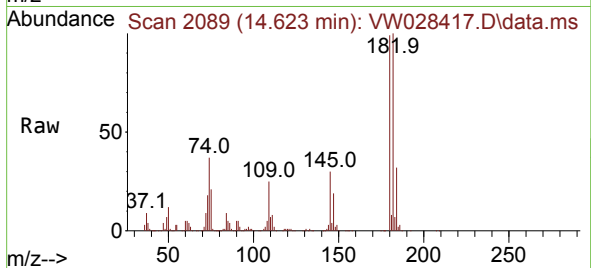
Lab File: VW028417.D

Acq: 12 Apr 2024 09:06

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 145170

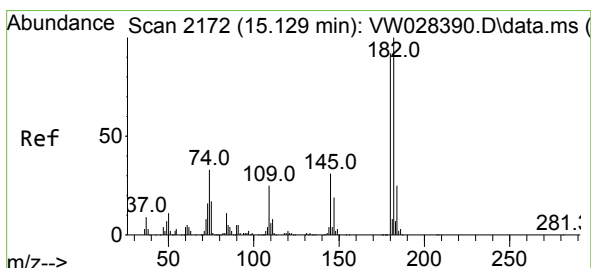
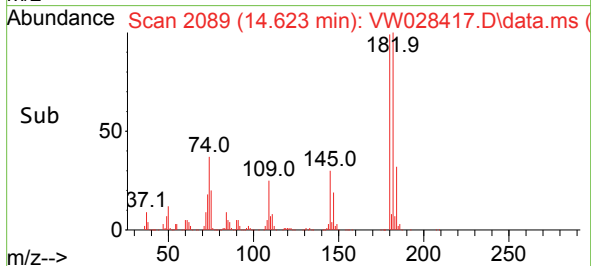
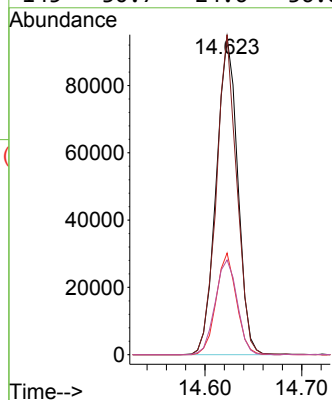
Ion Ratio Lower Upper

180 100

182 95.1 77.4 116.0

184 30.3 24.8 37.2

145 30.7 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 25.040 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028417.D

Acq: 12 Apr 2024 09:06

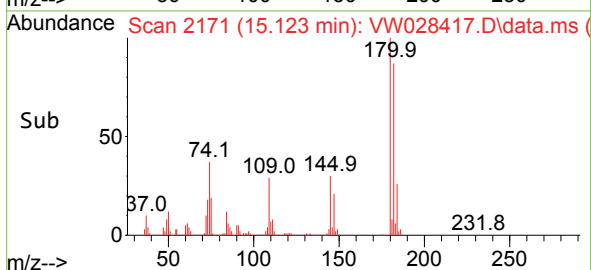
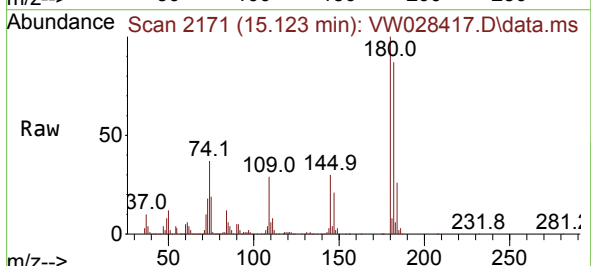
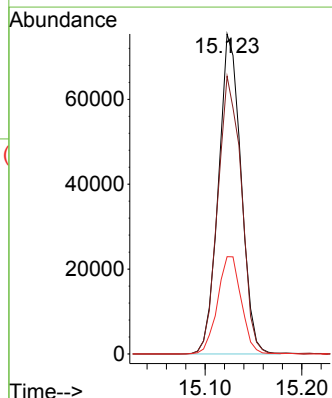
Tgt Ion:180 Resp: 121876

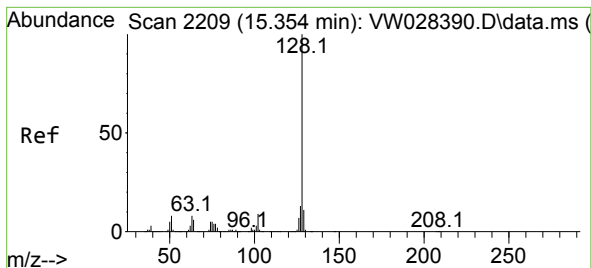
Ion Ratio Lower Upper

180 100

182 91.1 71.5 107.3

145 32.0 23.5 35.3





#71

Naphthalene

Concen: 26.119 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW028417.D

Acq: 12 Apr 2024 09:06

Instrument :

MSVOA_W

ClientSampleId :

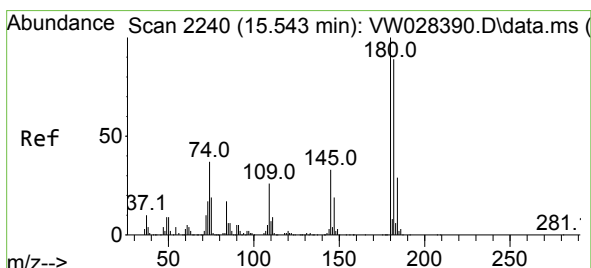
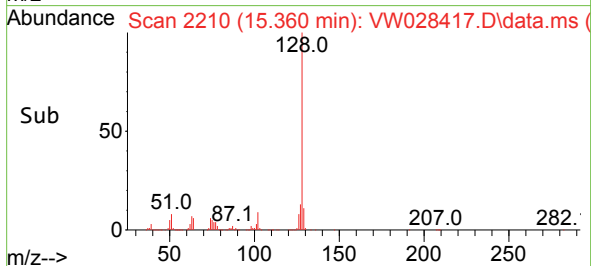
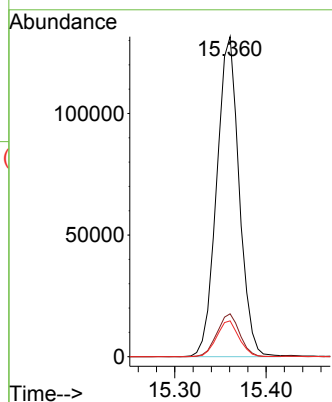
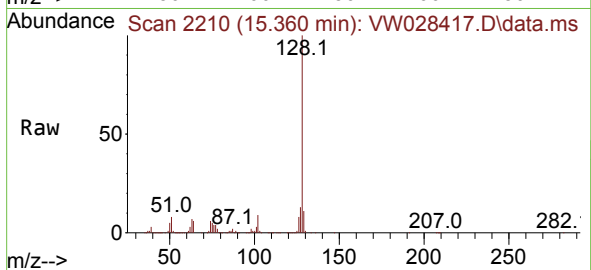
Tgt Ion:128 Resp: 224981

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 11.2 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 24.061 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW028417.D

Acq: 12 Apr 2024 09:06

Tgt Ion:180 Resp: 103917

Ion Ratio Lower Upper

180 100

182 96.2 75.7 113.5

145 33.5 26.2 39.4

