

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040924\
 Data File : VW028373.D
 Acq On : 09 Apr 2024 19:02
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025543

Quant Time: Apr 10 01:21:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 10 01:16:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	332958	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	308120	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	153676	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	104382	19.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.240%
7) Chloroethane-d5	2.899	69	83220	20.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.280%
11) 1,1-Dichloroethene-d2	4.021	65	44926	19.875	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.480%
21) 2-Butanone-d5	7.075	46	54885	54.948	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.900%
24) Chloroform-d	7.648	84	190189	21.890	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.560%
26) 1,2-Dichloroethane-d4	8.301	65	106330	23.550	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	8.270	84	367305	21.821	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.280%
36) 1,2-Dichloropropane-d6	9.270	67	113270	22.639	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.560%
41) Toluene-d8	10.319	98	344523	22.509	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.040%
43) trans-1,3-Dichloroprop...	10.575	79	47213	23.732	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.920%
47) 2-Hexanone-d5	10.922	63	38678	55.808	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.620%
56) 1,1,2,2-Tetrachloroeth...	12.684	84	91317	25.868	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	109754	22.583	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	80671	18.014	ug/L	89
3) Chloromethane	2.223	50	110927	21.098	ug/L	98
5) Vinyl chloride	2.375	62	125342	20.018	ug/L	98
6) Bromomethane	2.789	94	78868	20.160	ug/L	97
8) Chloroethane	2.936	64	76436	20.250	ug/L	94
9) Trichlorofluoromethane	3.271	101	99399	19.899	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	94418	20.092	ug/L #	68
12) 1,1-Dichloroethene	4.051	96	88168	19.982	ug/L	91
13) Acetone	4.119	43	53079	43.278	ug/L	95
14) Carbon disulfide	4.393	76	287268	19.775	ug/L	99
15) Methyl Acetate	4.673	43	47404	24.022	ug/L	98
16) Methylene chloride	4.917	84	104084	20.659	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	94596	20.352	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	149795	22.911	ug/L	98
19) 1,1-Dichloroethane	6.216	63	189404	20.915	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	103948	21.072	ug/L	94
22) 2-Butanone	7.173	43	66338	44.570	ug/L	100
23) Bromochloromethane	7.514	128	45002	21.179	ug/L	88
25) Chloroform	7.673	83	191204	21.494	ug/L	95

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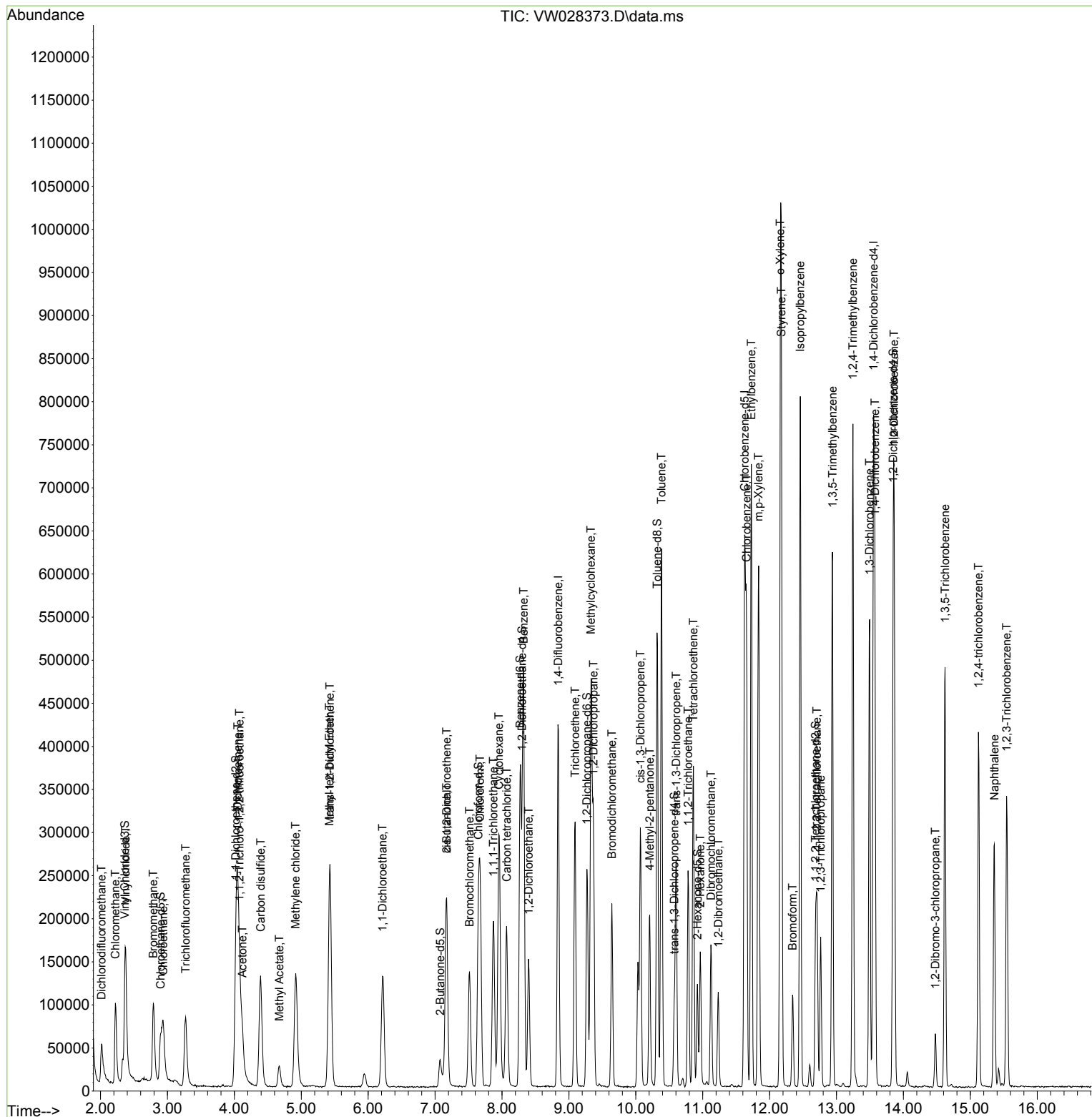
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	134813	21.957	ug/L	100
29) Cyclohexane	7.953	56	170929	21.002	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	155062	20.750	ug/L	98
31) Carbon tetrachloride	8.069	117	138207	20.857	ug/L	97
33) Benzene	8.325	78	406163	21.083	ug/L	100
34) Trichloroethene	9.093	95	108127	20.711	ug/L	95
35) Methylcyclohexane	9.331	83	182800	20.519	ug/L	99
37) 1,2-Dichloropropane	9.368	63	106755	21.261	ug/L	100
38) Bromodichloromethane	9.642	83	133615	21.469	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	163158	22.159	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	136483	54.299	ug/L	99
42) Toluene	10.386	91	429453	21.042	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	138590	23.266	ug/L	94
45) 1,1,2-Trichloroethane	10.782	97	74679	21.984	ug/L	96
46) Tetrachloroethene	10.861	164	77367	19.839	ug/L	90
48) 2-Hexanone	10.965	43	100621	50.433	ug/L	100
49) Dibromochloromethane	11.123	129	81869	22.549	ug/L	95
50) 1,2-Dibromoethane	11.233	107	71332	23.007	ug/L	93
51) Chlorobenzene	11.654	112	263665	20.784	ug/L	98
52) Ethylbenzene	11.727	91	486947	21.048	ug/L	98
53) m,p-Xylene	11.837	106	183644	21.345	ug/L	94
54) o-Xylene	12.160	106	172083	21.481	ug/L	97
55) Styrene	12.178	104	301285	22.098	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	91962	23.922	ug/L	98
59) Bromoform	12.343	173	45760	22.558	ug/L	100
60) Isopropylbenzene	12.458	105	484155	21.015	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	67642	24.075	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	319265	21.742	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	384952	21.783	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	211414	21.627	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	206550	20.771	ug/L	92
67) 1,2-Dichlorobenzene	13.861	146	190824	22.192	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	15467	24.024	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	139849	20.790	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	120334	22.907	ug/L	96
71) Naphthalene	15.360	128	229860	24.724	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	104078	22.327	ug/L	98

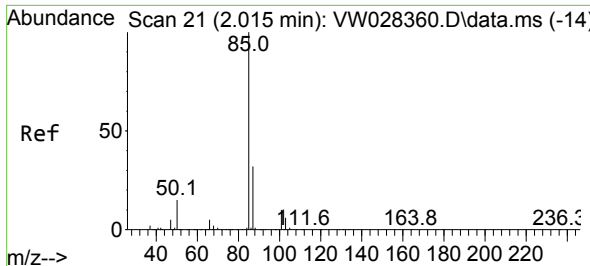
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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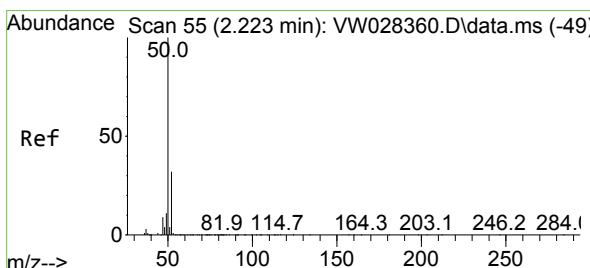
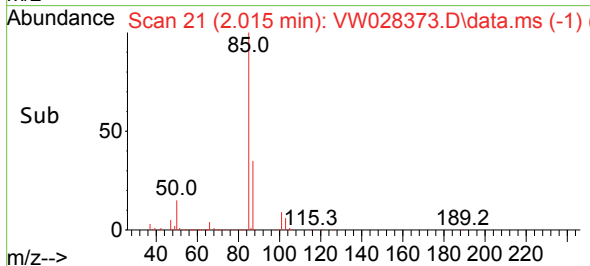
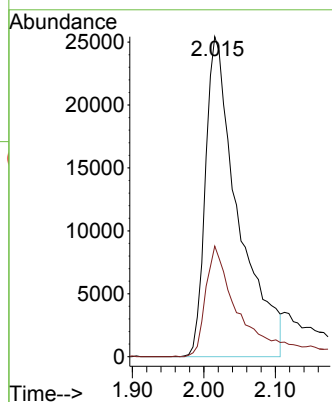
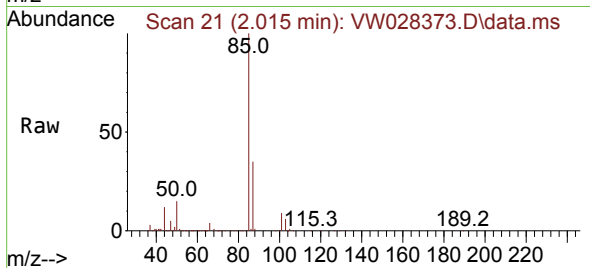




#2
 Dichlorodifluoromethane
 Concen: 18.014 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028373.D
 Acq: 09 Apr 2024 19:02

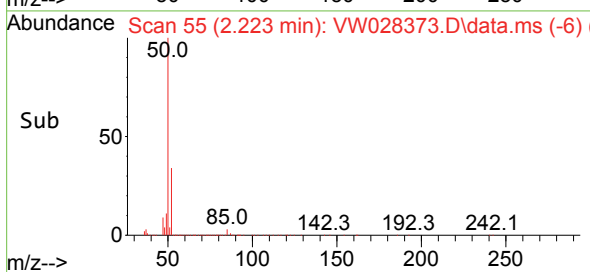
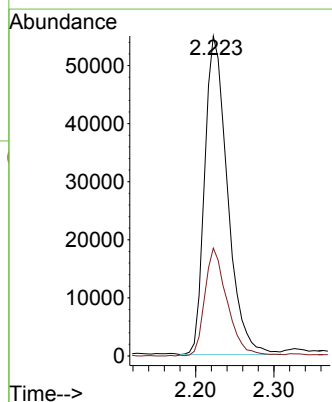
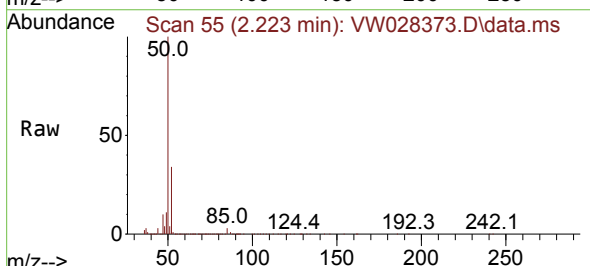
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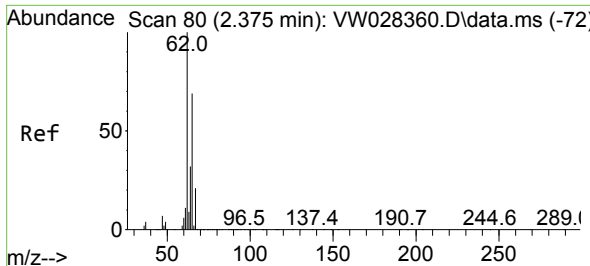
Tgt Ion: 85 Resp: 80671
 Ion Ratio Lower Upper
 85 100
 87 35.0 23.4 35.0



#3
 Chloromethane
 Concen: 21.098 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028373.D
 Acq: 09 Apr 2024 19:02

Tgt Ion: 50 Resp: 110927
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.0 42.6

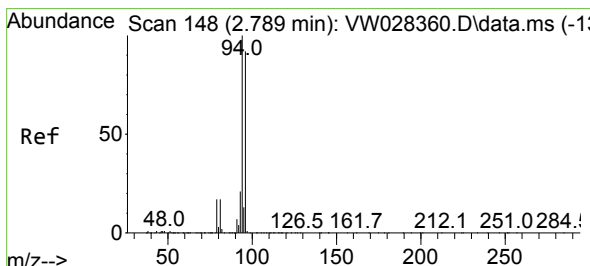
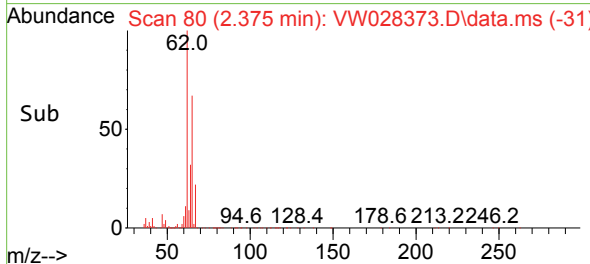
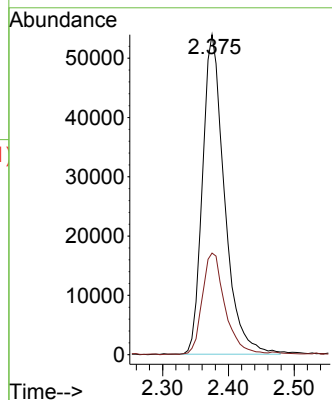
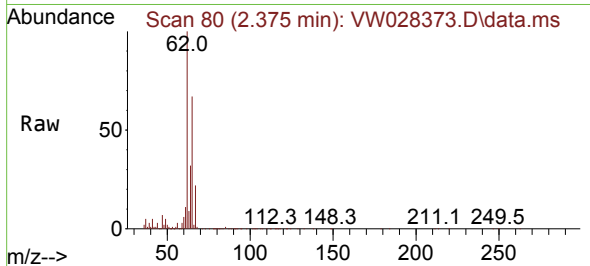




#5
 Vinyl chloride
 Concen: 20.018 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028373.D
 Acq: 09 Apr 2024 19:02

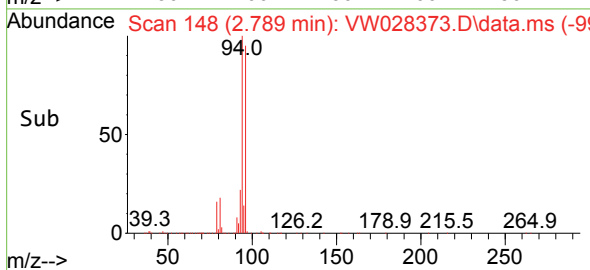
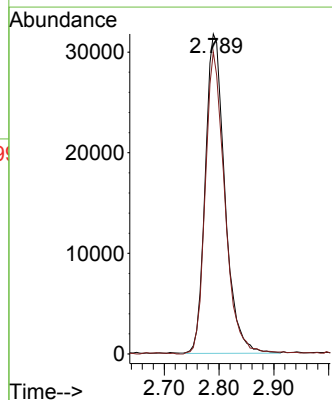
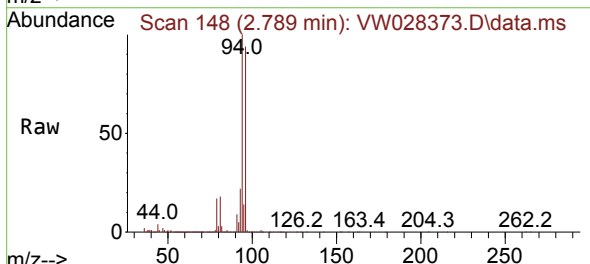
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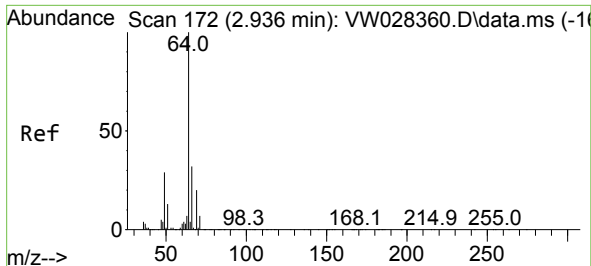
Tgt Ion: 62 Resp: 125342
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.1 42.9



#6
 Bromomethane
 Concen: 20.160 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW028373.D
 Acq: 09 Apr 2024 19:02

Tgt Ion: 94 Resp: 78868
 Ion Ratio Lower Upper
 94 100
 96 94.4 64.3 119.5

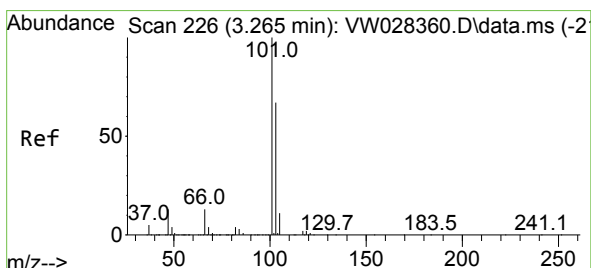
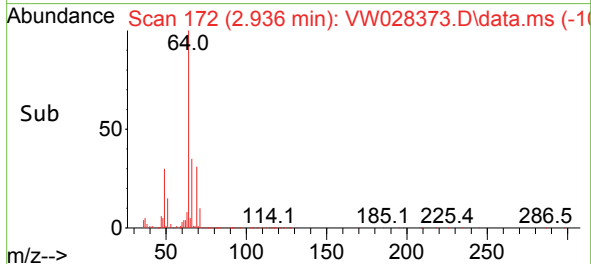
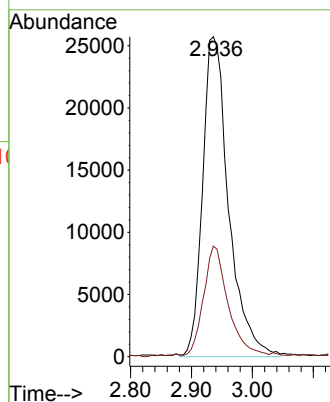
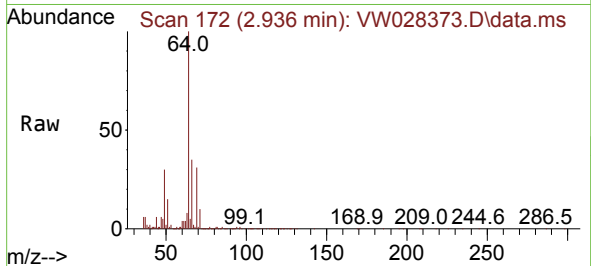




#8
Chloroethane
Concen: 20.250 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

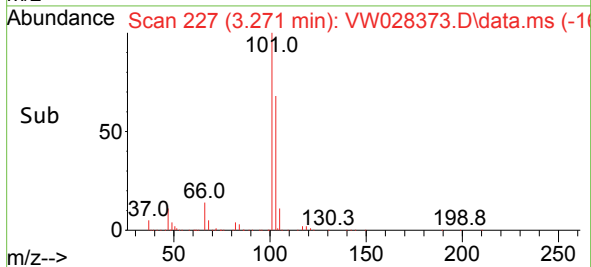
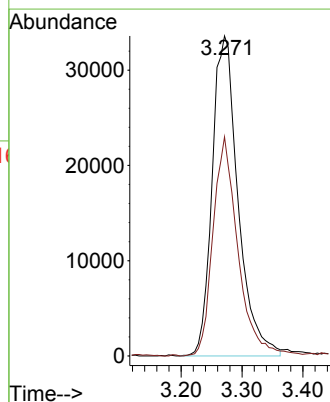
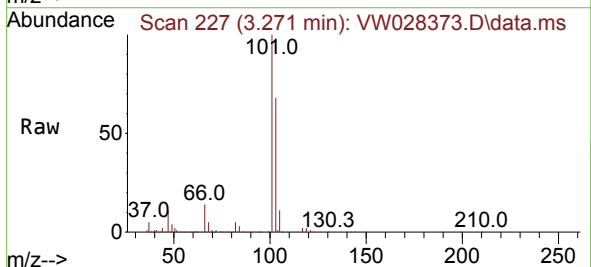
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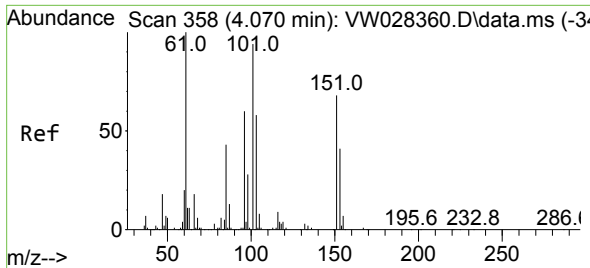
Tgt Ion: 64 Resp: 76436
Ion Ratio Lower Upper
64 100
66 34.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 19.899 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

Tgt Ion:101 Resp: 99399
Ion Ratio Lower Upper
101 100
103 65.9 52.0 78.0

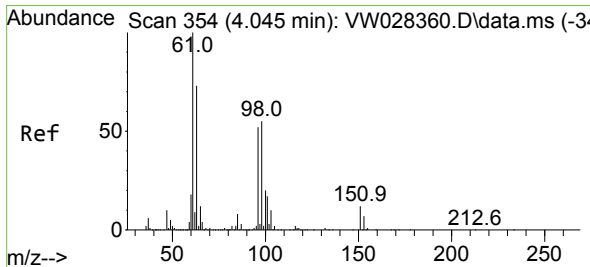
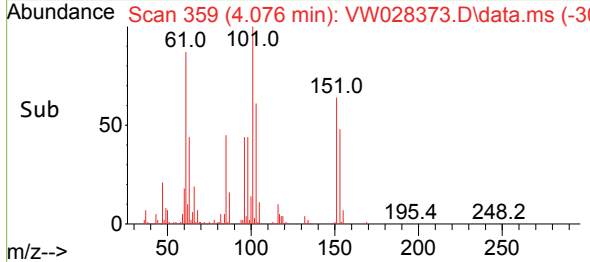
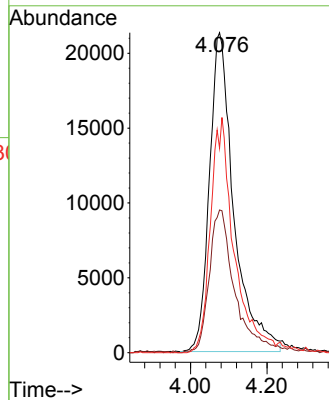
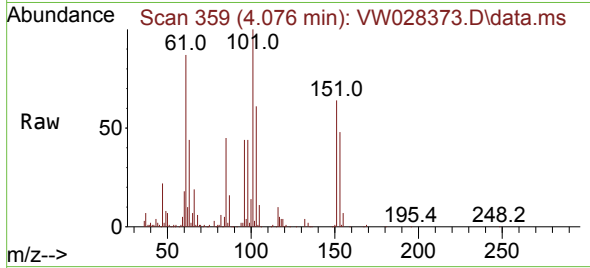




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.092 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW028373.D
 Acq: 09 Apr 2024 19:02

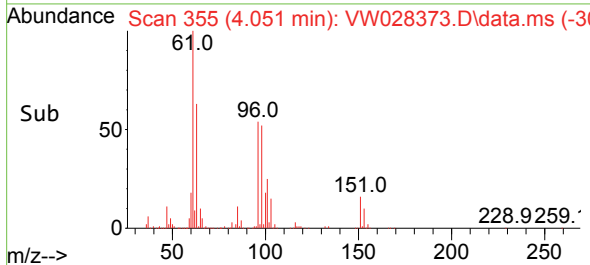
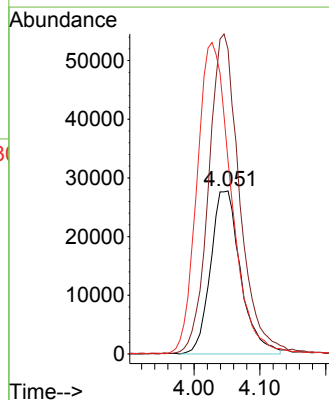
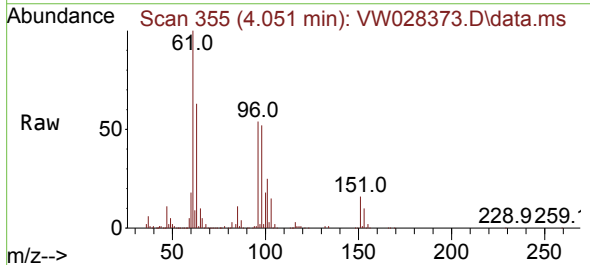
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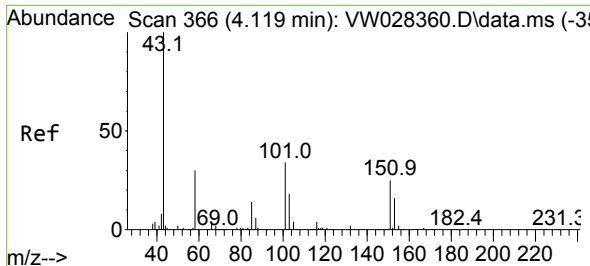
Tgt Ion:101 Resp: 94418
 Ion Ratio Lower Upper
 101 100
 85 44.1 34.5 51.7
 151 29.8 57.5 86.3#



#12
 1,1-Dichloroethene
 Concen: 19.982 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW028373.D
 Acq: 09 Apr 2024 19:02

Tgt Ion: 96 Resp: 88168
 Ion Ratio Lower Upper
 96 100
 61 186.8 130.5 242.5
 63 118.4 101.5 188.5

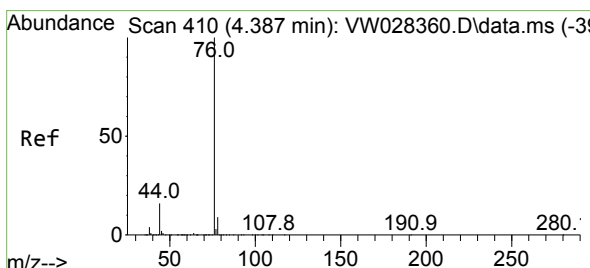
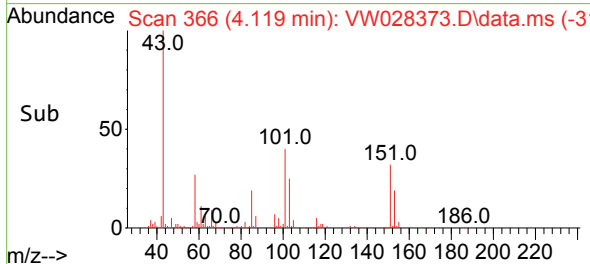
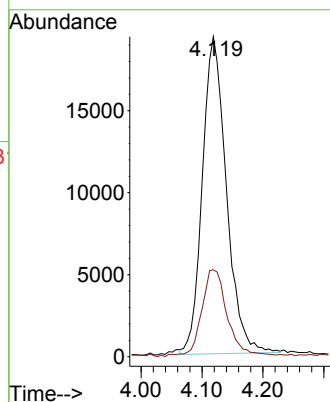
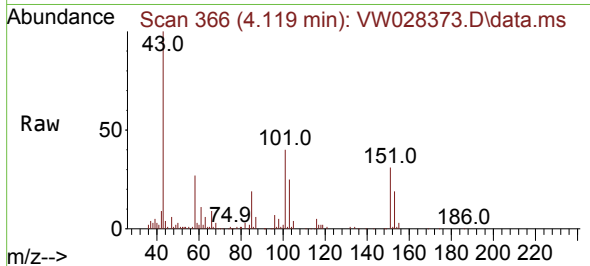




#13
Acetone
Concen: 43.278 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW028373.D
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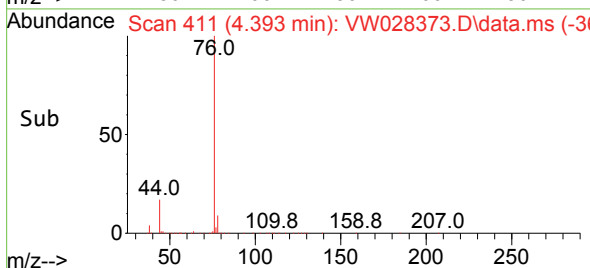
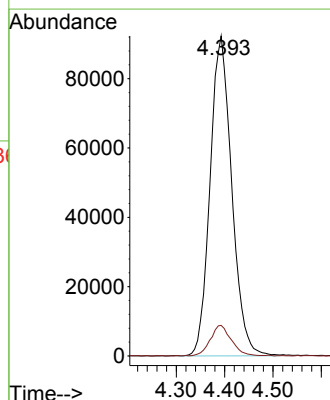
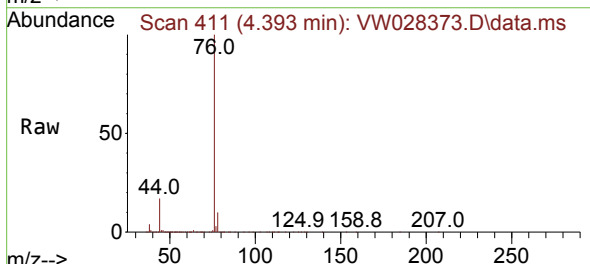
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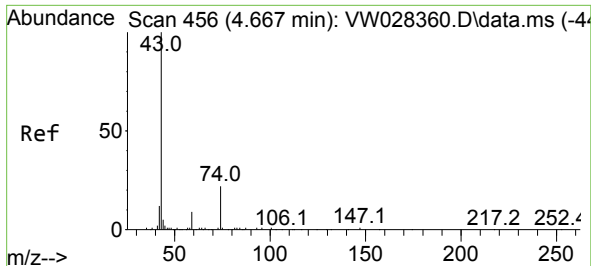
Tgt Ion: 43 Resp: 53079
Ion Ratio Lower Upper
43 100
58 29.3 0.0 53.4



#14
Carbon disulfide
Concen: 19.775 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

Tgt Ion: 76 Resp: 287268
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

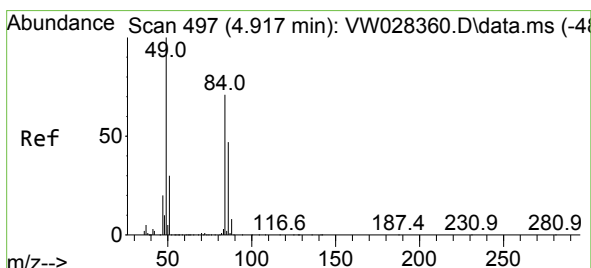
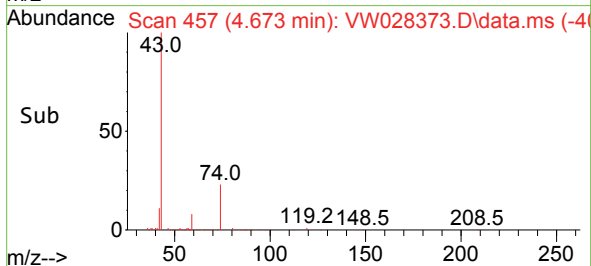
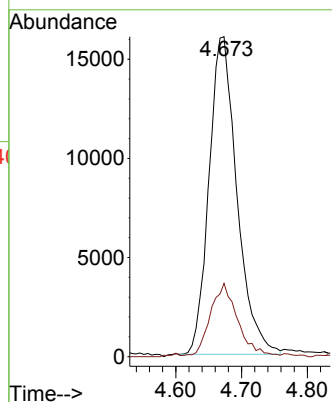
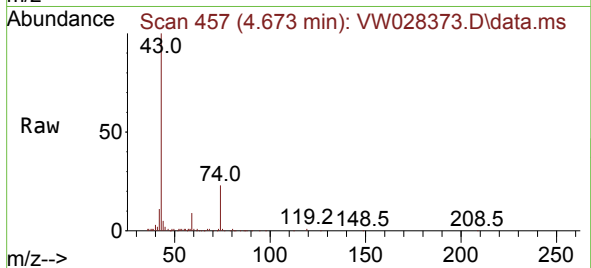




#15
Methyl Acetate
Concen: 24.022 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

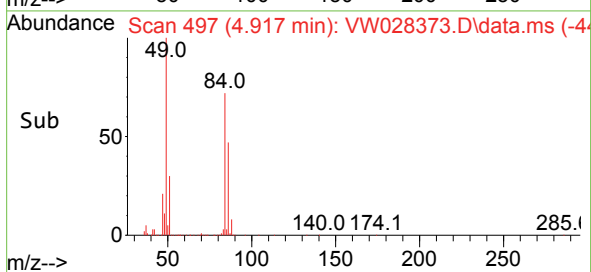
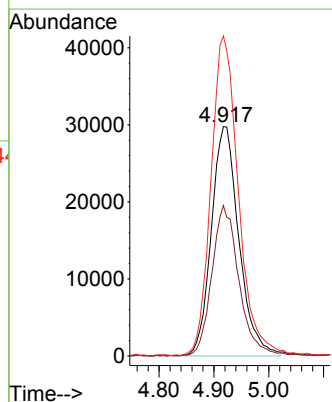
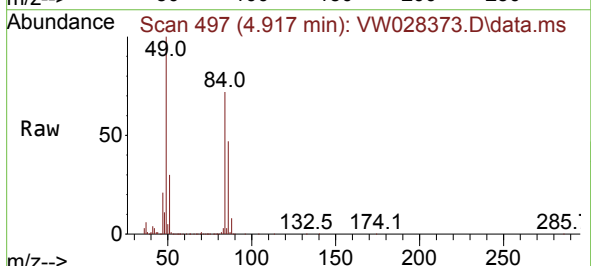
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

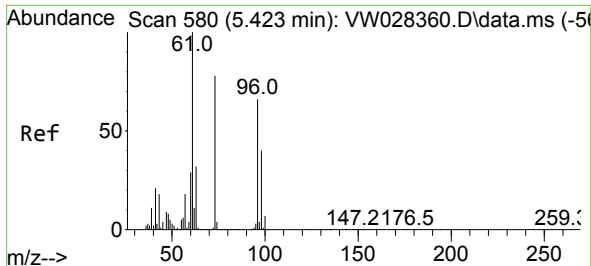
Tgt Ion: 43 Resp: 47404
Ion Ratio Lower Upper
43 100
74 22.7 17.4 26.0



#16
Methylene chloride
Concen: 20.659 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

Tgt Ion: 84 Resp: 104084
Ion Ratio Lower Upper
84 100
86 65.6 44.2 82.0
49 139.5 95.0 176.4

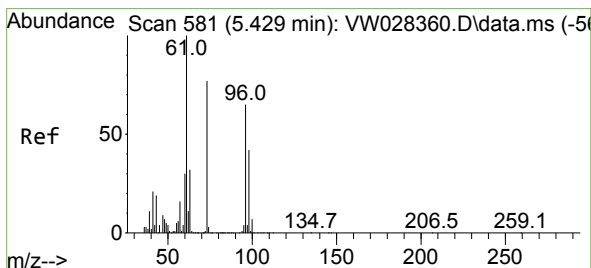
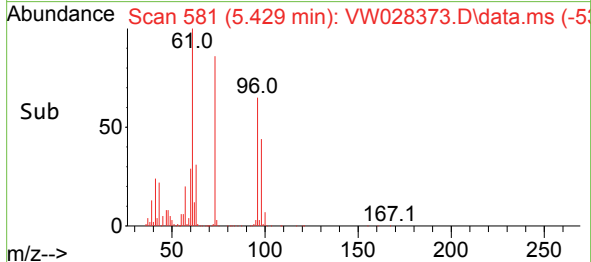
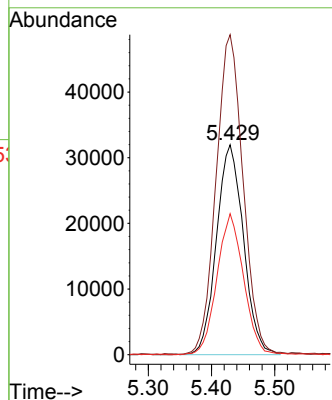
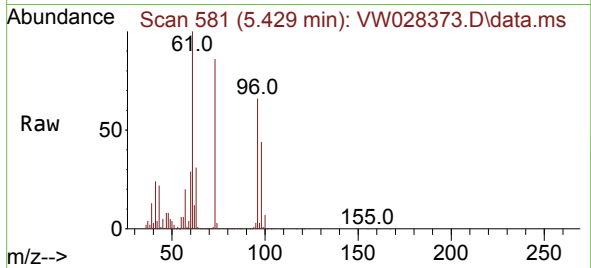




#17
trans-1,2-Dichloroethene
Concen: 20.352 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

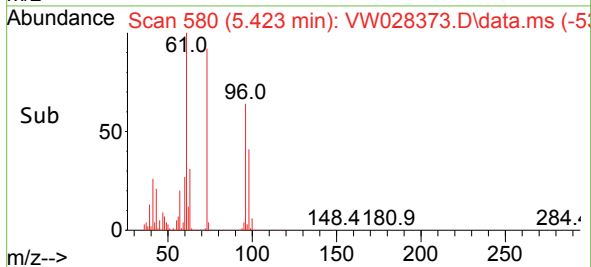
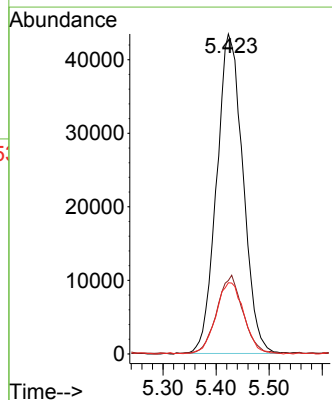
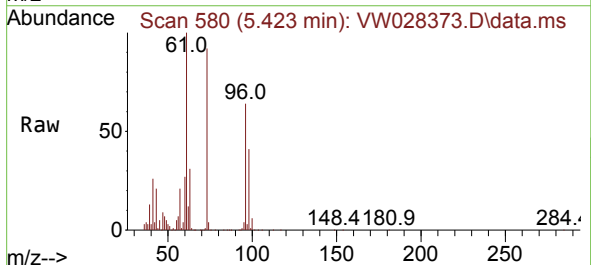
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

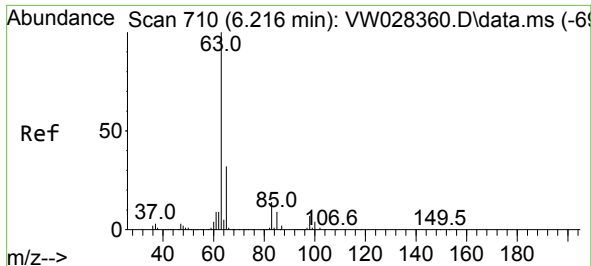
Tgt Ion: 96 Resp: 94596
Ion Ratio Lower Upper
96 100
61 152.5 108.4 201.4
98 67.2 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 22.911 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

Tgt Ion: 73 Resp: 149795
Ion Ratio Lower Upper
73 100
43 24.2 18.5 27.7
57 23.8 18.2 27.4





#19

1,1-Dichloroethane

Concen: 20.915 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW028373.D

Acq: 09 Apr 2024 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

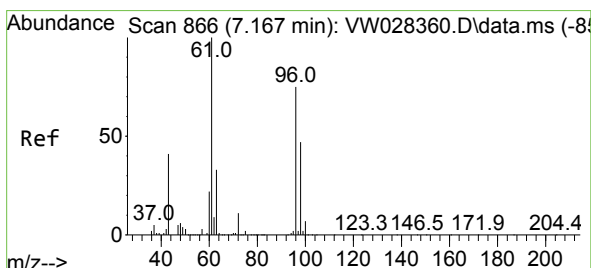
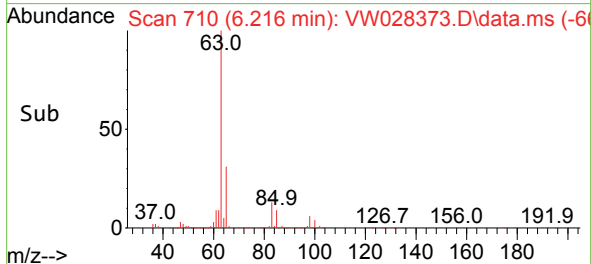
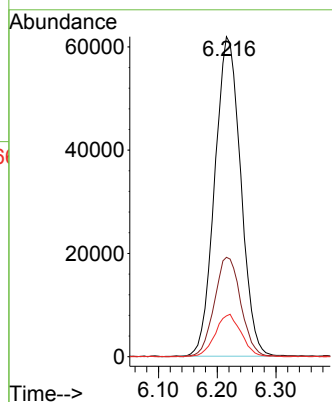
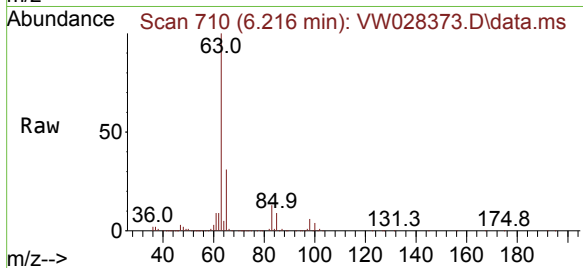
Tgt Ion: 63 Resp: 189404

Ion Ratio Lower Upper

63 100

65 31.0 21.8 40.4

83 12.7 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 21.072 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028373.D

Acq: 09 Apr 2024 19:02

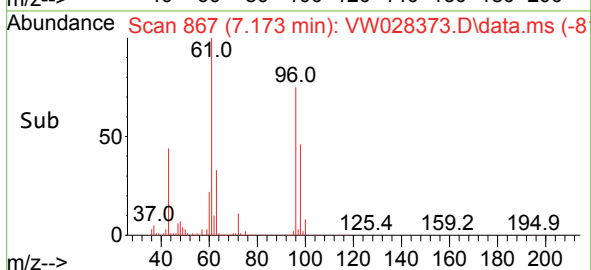
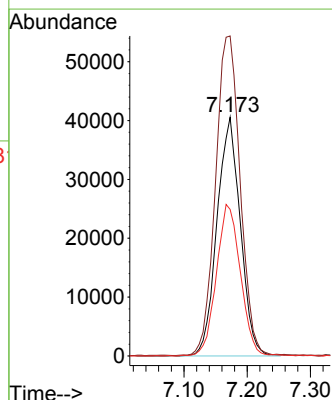
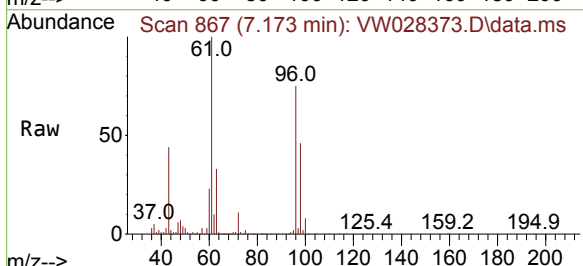
Tgt Ion: 96 Resp: 103948

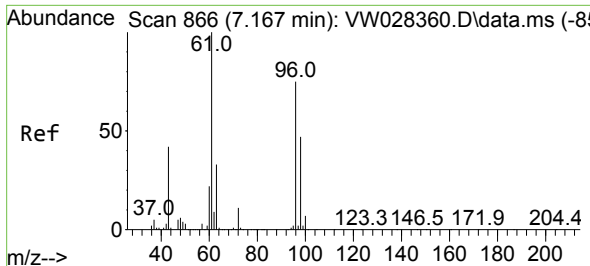
Ion Ratio Lower Upper

96 100

61 134.1 97.6 181.2

98 61.4 47.7 88.5

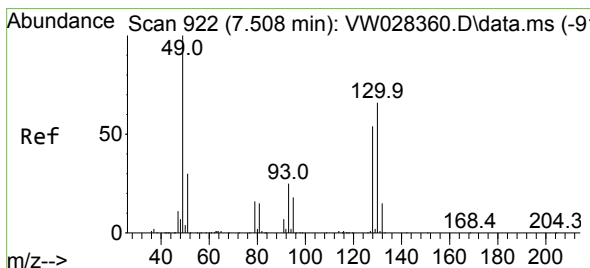
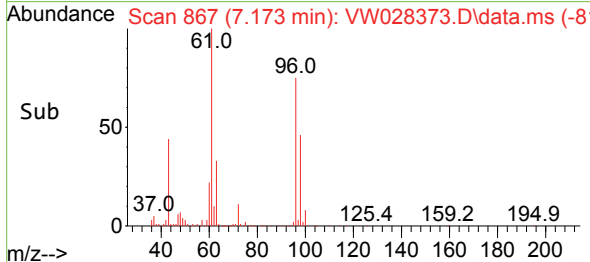
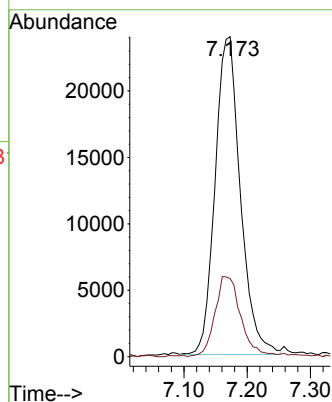
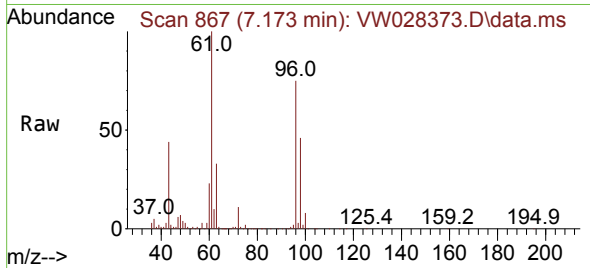




#22
2-Butanone
Concen: 44.570 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

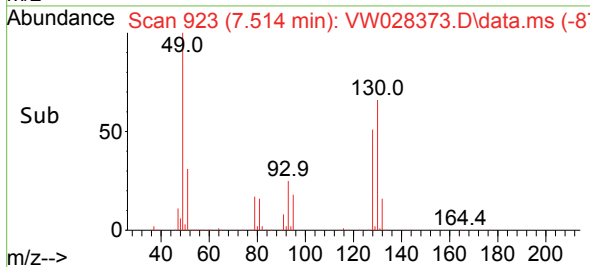
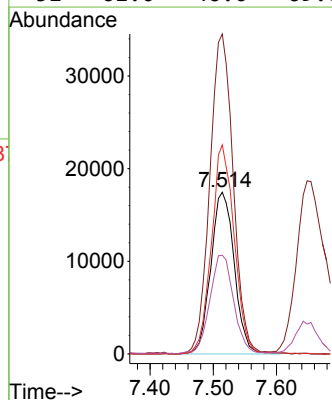
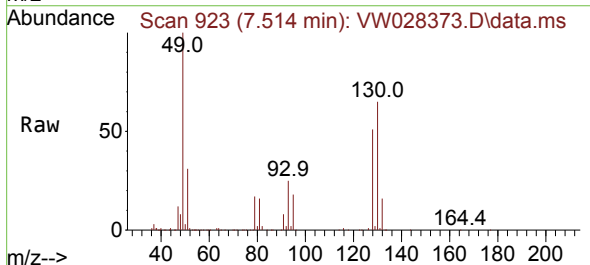
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

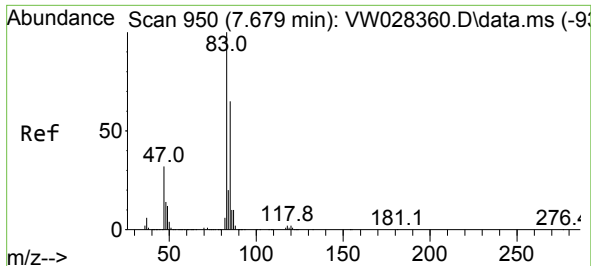
Tgt Ion: 43 Resp: 66338
Ion Ratio Lower Upper
43 100
72 25.8 12.8 38.4



#23
Bromochloromethane
Concen: 21.179 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

Tgt Ion: 128 Resp: 45002
Ion Ratio Lower Upper
128 100
49 197.8 127.1 236.0
130 129.2 78.3 145.5
51 61.0 46.0 69.0

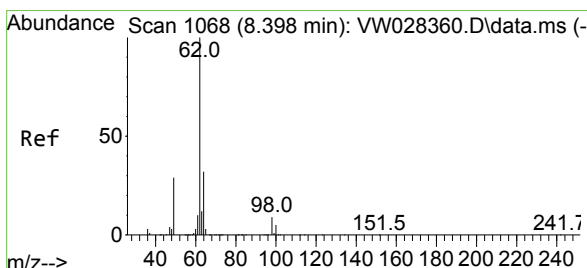
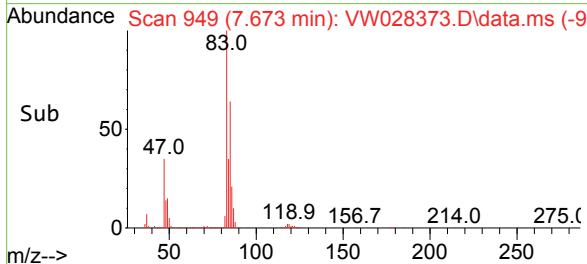
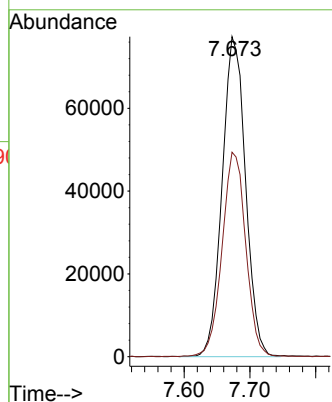
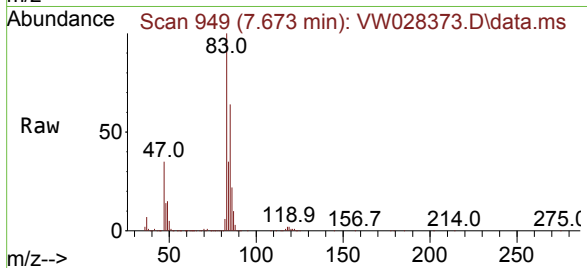




#25
Chloroform
Concen: 21.494 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

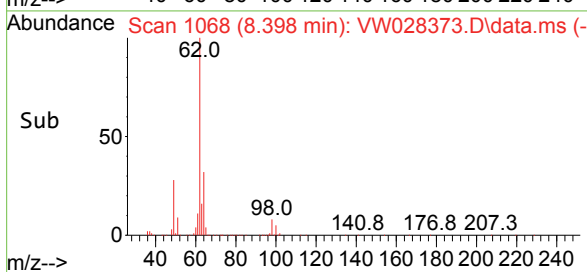
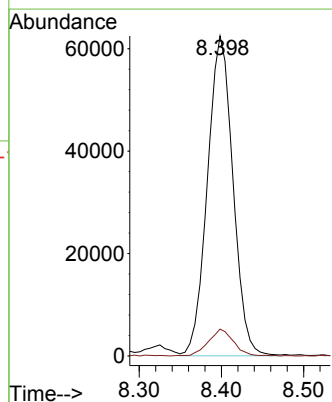
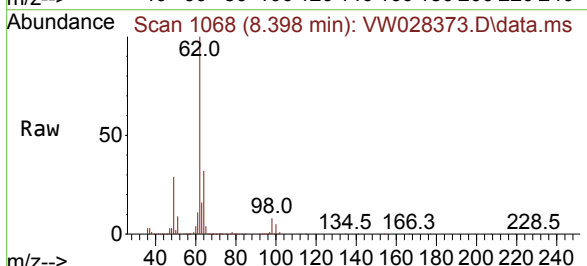
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

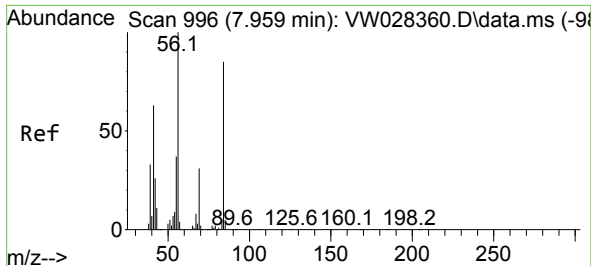
Tgt Ion: 83 Resp: 191204
Ion Ratio Lower Upper
83 100
85 63.9 47.7 88.7



#27
1,2-Dichloroethane
Concen: 21.957 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

Tgt Ion: 62 Resp: 134813
Ion Ratio Lower Upper
62 100
98 8.4 6.6 10.0

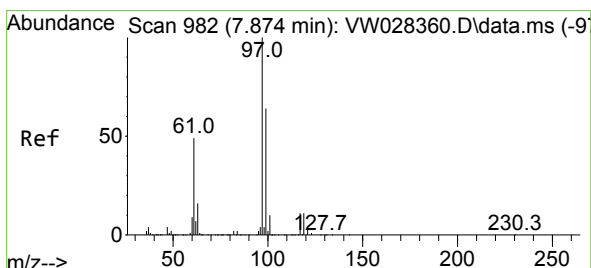
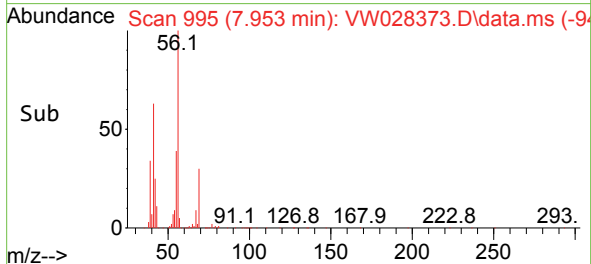
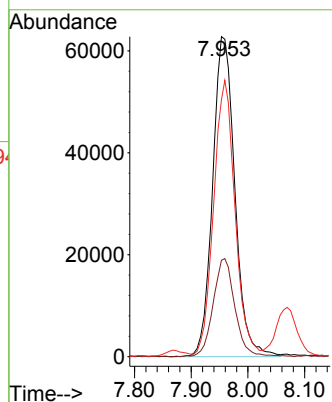
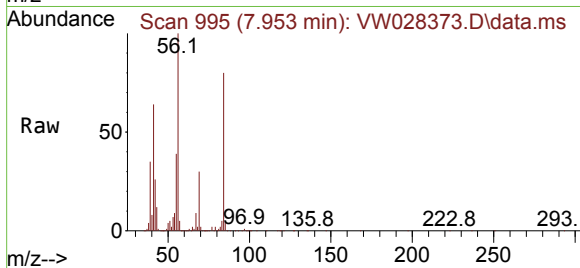




#29
Cyclohexane
Concen: 21.002 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

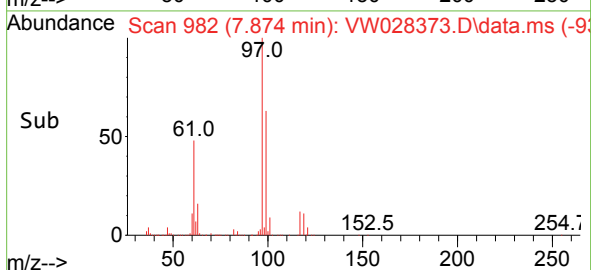
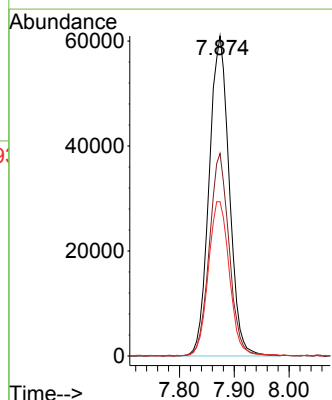
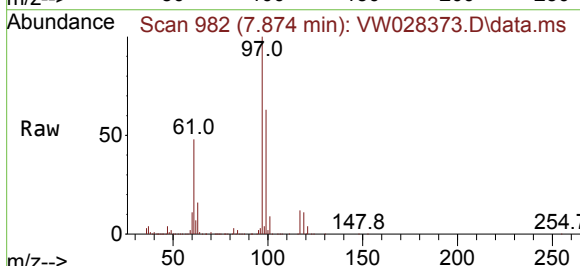
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

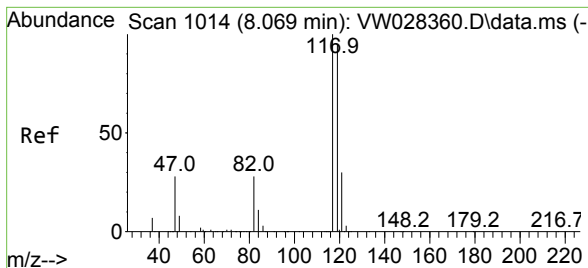
Tgt Ion: 56 Resp: 170929
Ion Ratio Lower Upper
56 100
69 29.9 23.8 35.6
84 83.2 65.9 98.9



#30
1,1,1-Trichloroethane
Concen: 20.750 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

Tgt Ion: 97 Resp: 155062
Ion Ratio Lower Upper
97 100
99 62.2 51.4 77.2
61 49.9 40.5 60.7

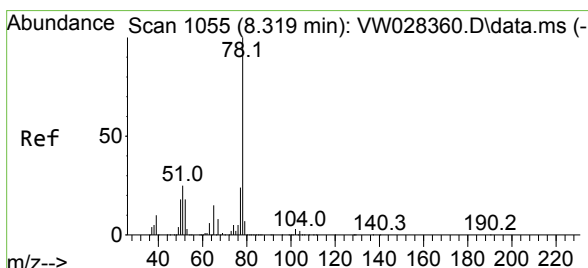
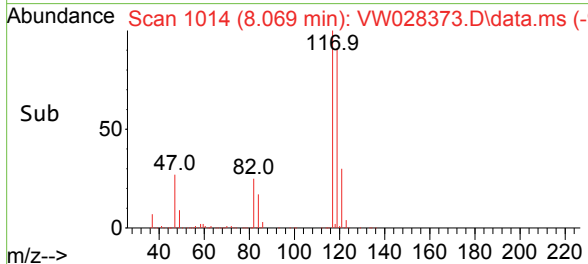
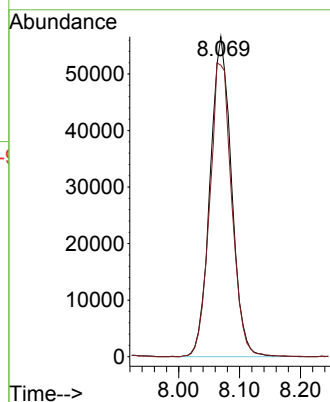
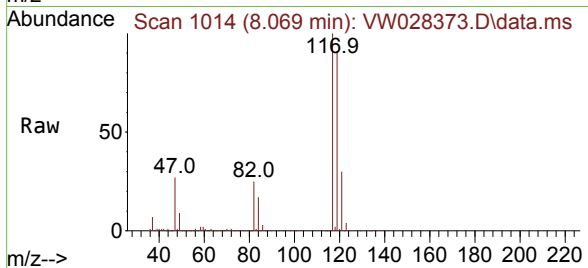




#31
Carbon tetrachloride
Concen: 20.857 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

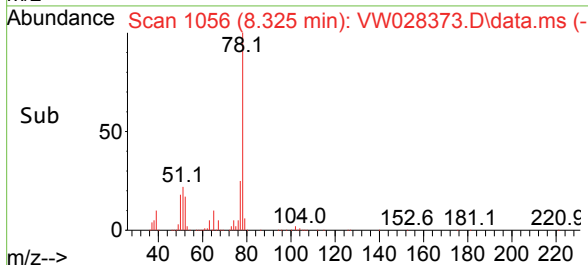
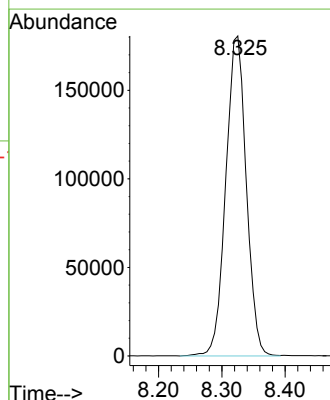
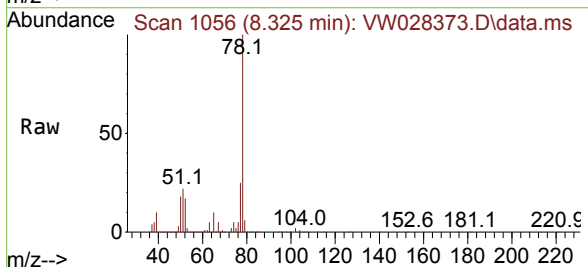
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

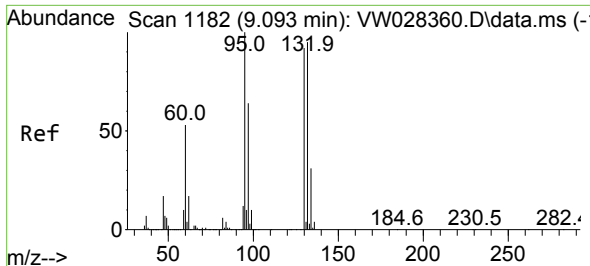
Tgt Ion:117 Resp: 138207
Ion Ratio Lower Upper
117 100
119 94.2 77.4 116.2



#33
Benzene
Concen: 21.083 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

Tgt Ion: 78 Resp: 406163



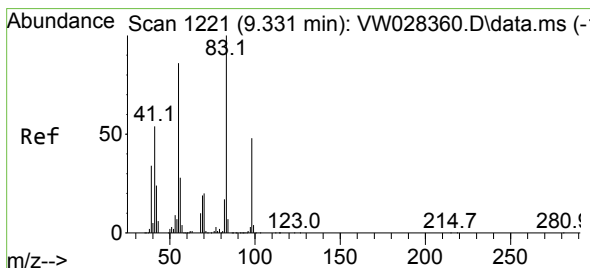
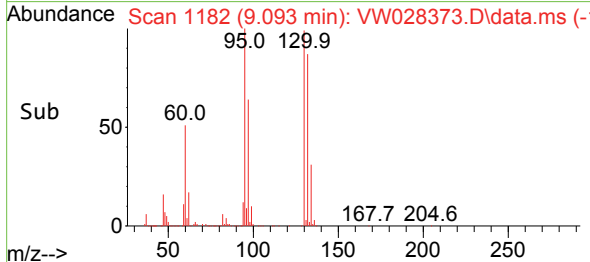
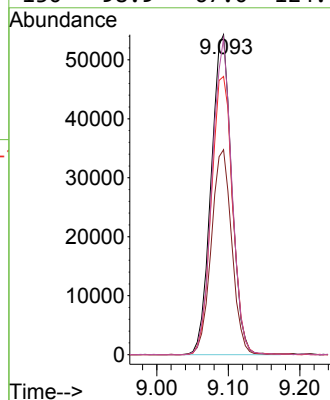
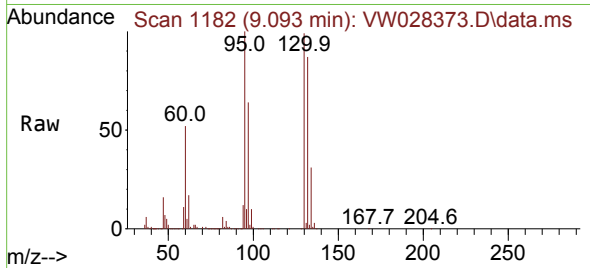


#34
Trichloroethene
Concen: 20.711 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

Tgt Ion: 95 Resp: 108127

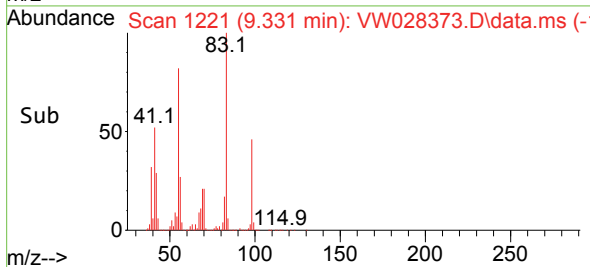
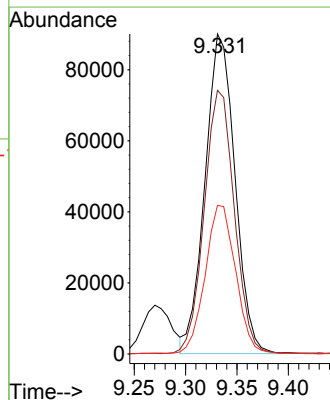
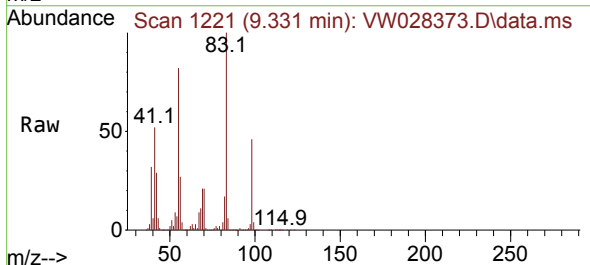
Ion	Ratio	Lower	Upper
95	100		
97	64.0	43.8	81.4
132	87.0	66.1	122.8
130	98.9	67.0	124.4

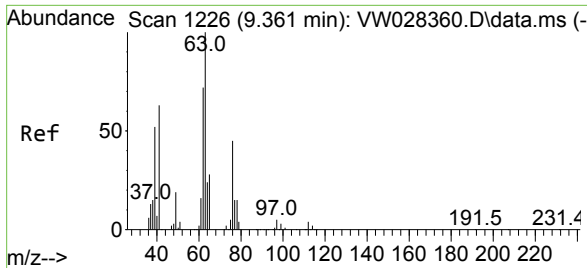


#35
Methylcyclohexane
Concen: 20.519 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

Tgt Ion: 83 Resp: 182800

Ion	Ratio	Lower	Upper
83	100		
55	82.9	65.7	98.5
98	47.2	38.6	58.0

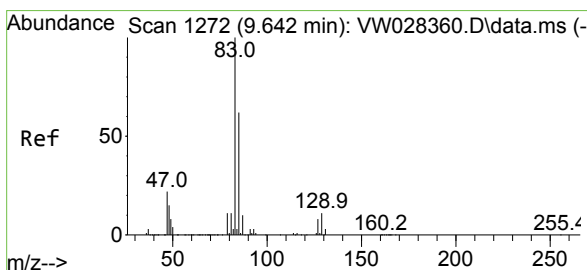
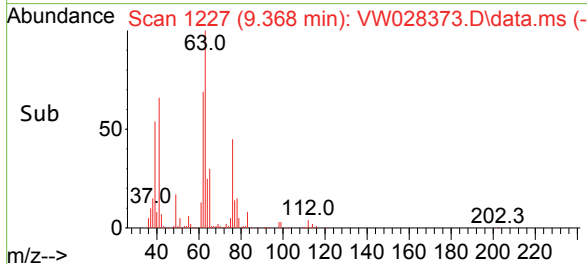
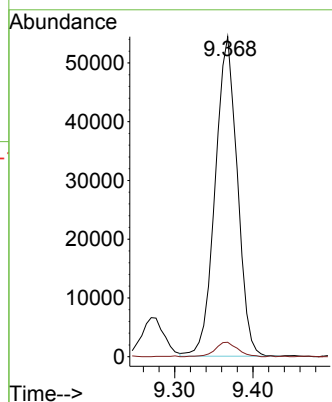
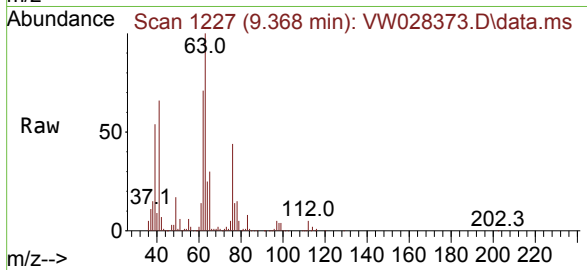




#37
1,2-Dichloropropane
Concen: 21.261 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

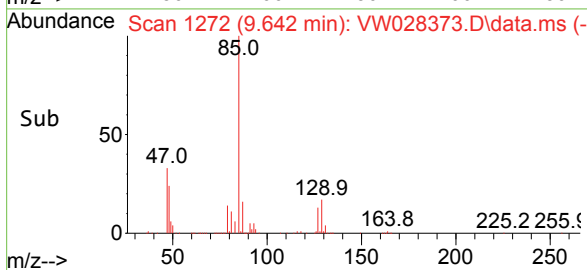
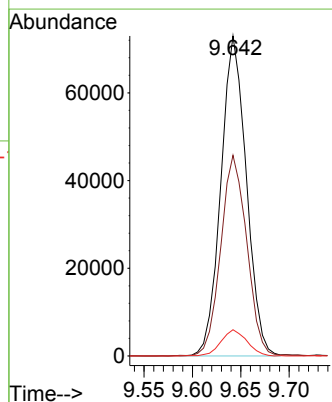
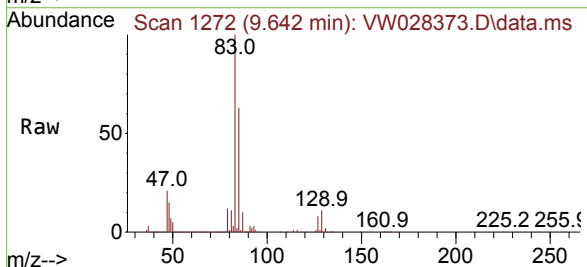
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

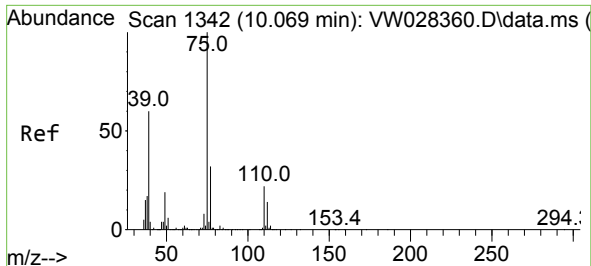
Tgt Ion: 63 Resp: 106755
Ion Ratio Lower Upper
63 100
112 4.6 3.6 5.4



#38
Bromodichloromethane
Concen: 21.469 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

Tgt Ion: 83 Resp: 133615
Ion Ratio Lower Upper
83 100
85 62.7 43.1 80.1
127 8.2 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 22.159 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW028373.D

Acq: 09 Apr 2024 19:02

Instrument :

MSVOA_W

ClientSampleId :

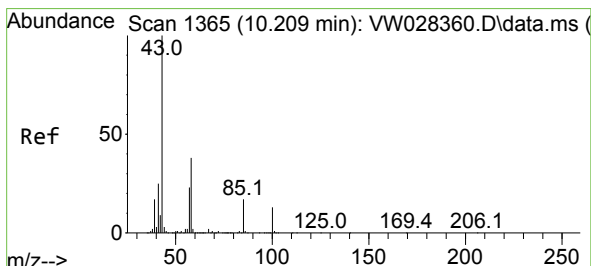
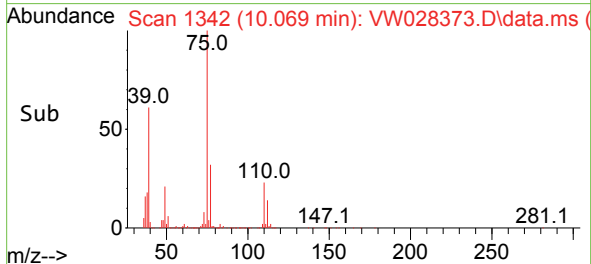
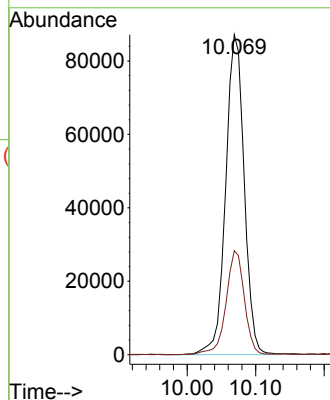
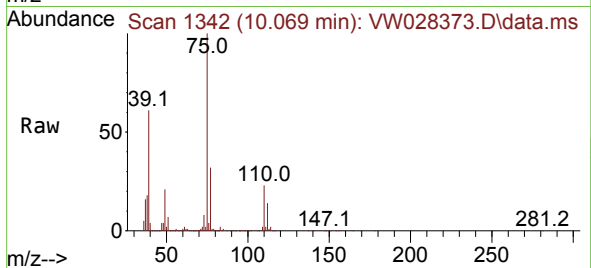
VSTD025543

Tgt Ion: 75 Resp: 163158

Ion Ratio Lower Upper

75 100

77 32.5 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 54.299 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028373.D

Acq: 09 Apr 2024 19:02

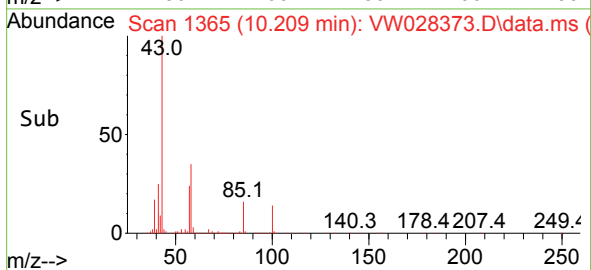
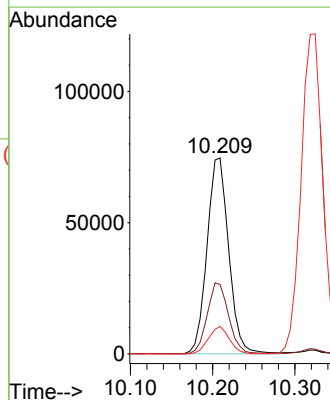
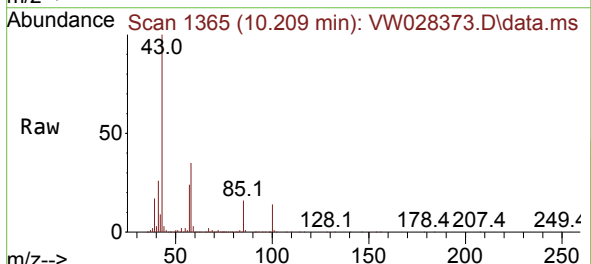
Tgt Ion: 43 Resp: 136483

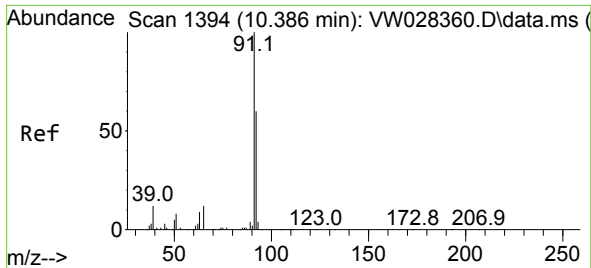
Ion Ratio Lower Upper

43 100

58 36.0 28.6 43.0

100 13.8 10.6 16.0

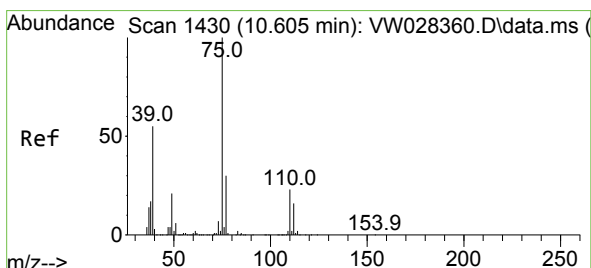
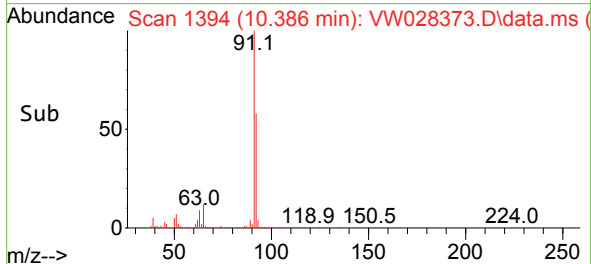
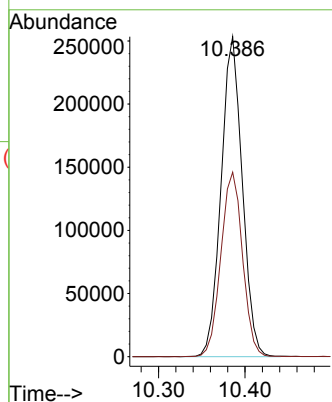
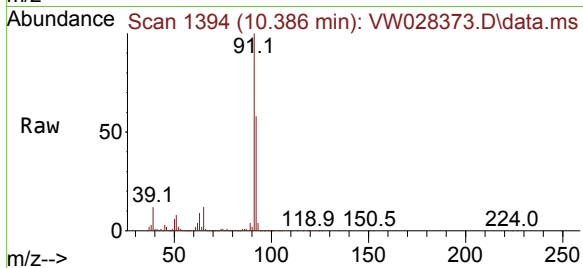




#42
Toluene
Concen: 21.042 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

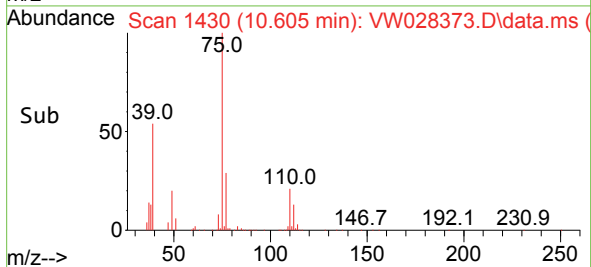
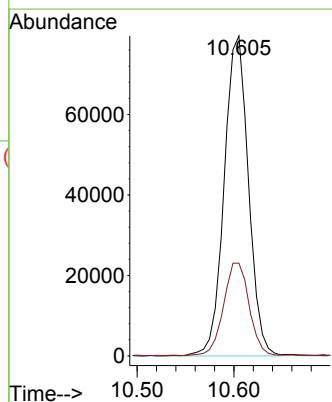
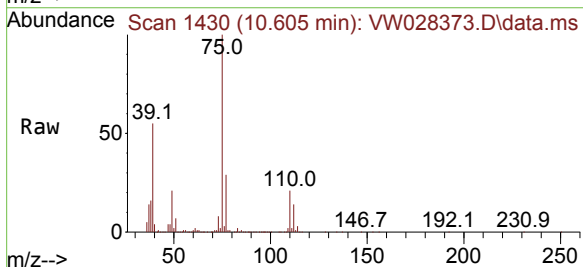
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

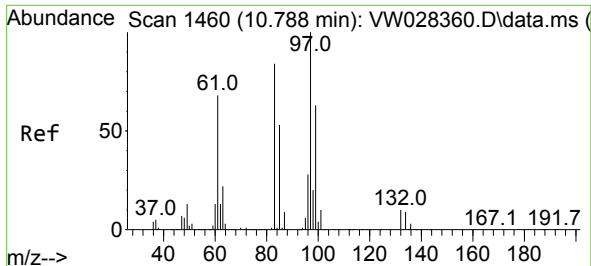
Tgt Ion: 91 Resp: 429453
Ion Ratio Lower Upper
91 100
92 57.6 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 23.266 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

Tgt Ion: 75 Resp: 138590
Ion Ratio Lower Upper
75 100
77 29.0 22.6 42.0



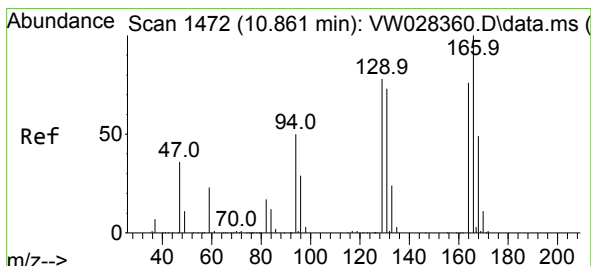
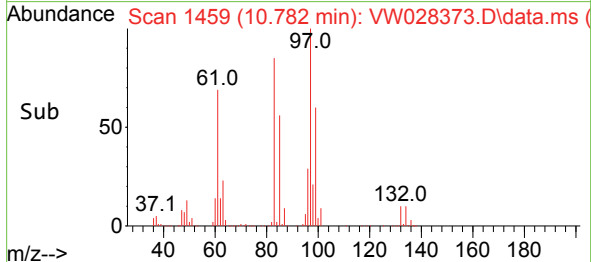
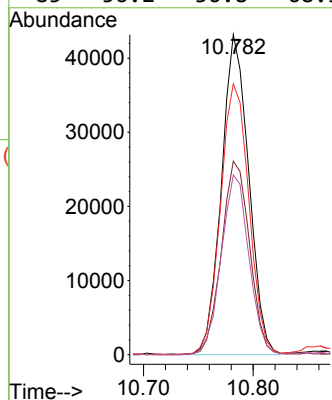
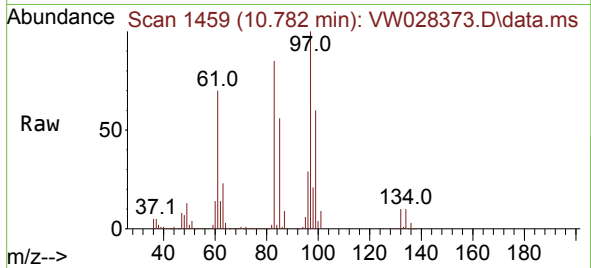


#45
1,1,2-Trichloroethane
Concen: 21.984 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

Tgt Ion: 97 Resp: 74679

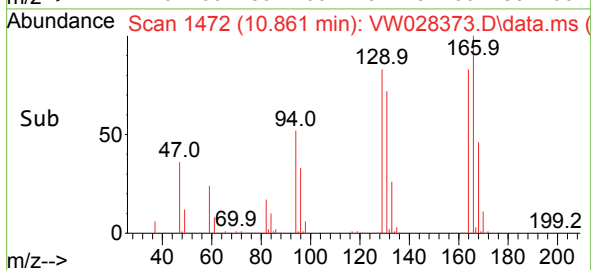
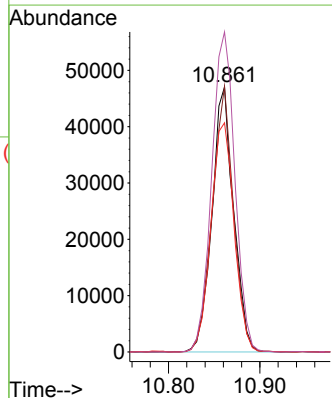
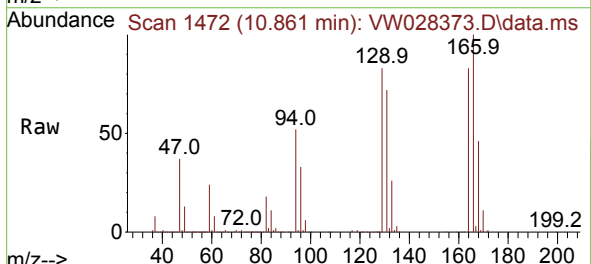
Ion	Ratio	Lower	Upper
97	100		
99	60.4	44.2	82.2
83	84.7	56.4	104.7
85	56.2	36.8	68.3

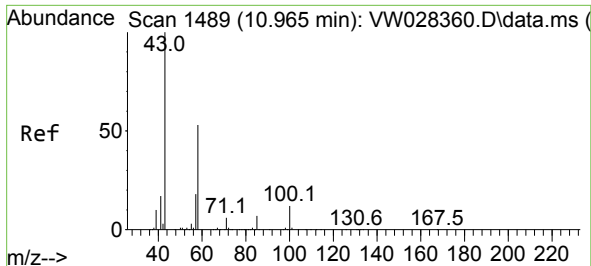


#46
Tetrachloroethene
Concen: 19.839 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

Tgt Ion:164 Resp: 77367

Ion	Ratio	Lower	Upper
164	100		
129	100.3	59.7	110.9
131	86.4	58.2	108.2
166	120.7	78.0	144.8

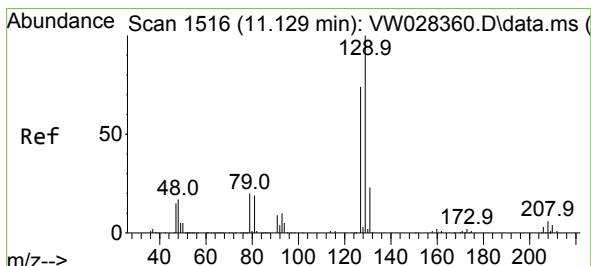
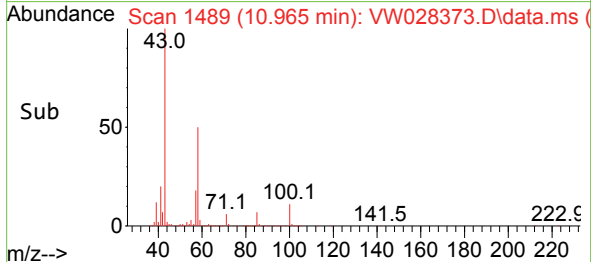
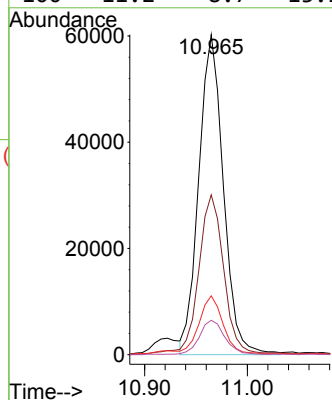
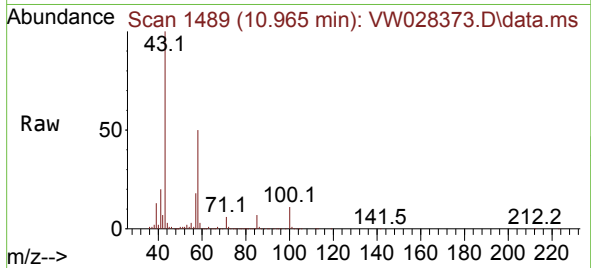




#48
2-Hexanone
Concen: 50.433 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

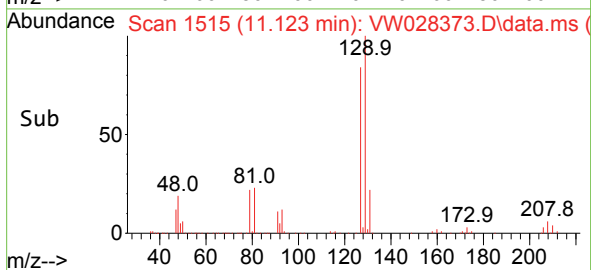
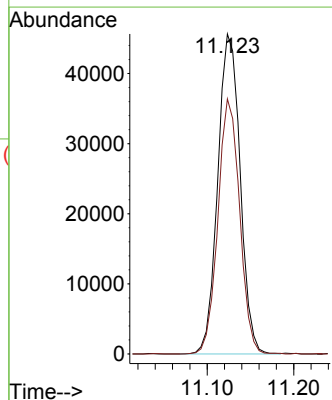
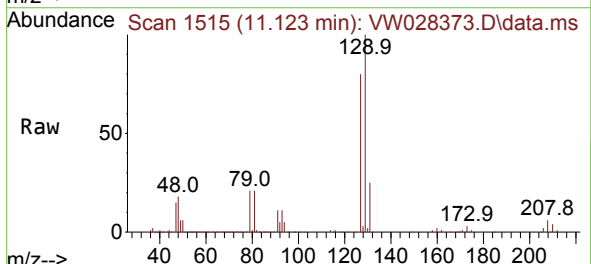
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

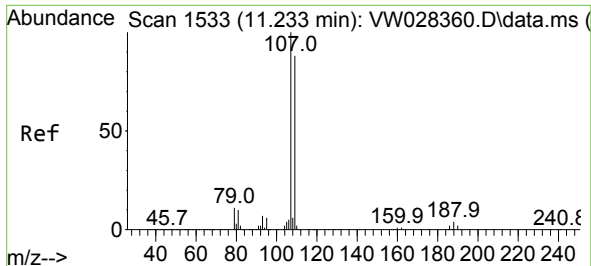
Tgt Ion: 43 Resp: 100621
Ion Ratio Lower Upper
43 100
58 48.3 38.9 58.3
57 18.1 14.4 21.6
100 11.2 8.7 13.1



#49
Dibromochloromethane
Concen: 22.549 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

Tgt Ion: 129 Resp: 81869
Ion Ratio Lower Upper
129 100
127 79.7 53.0 98.4

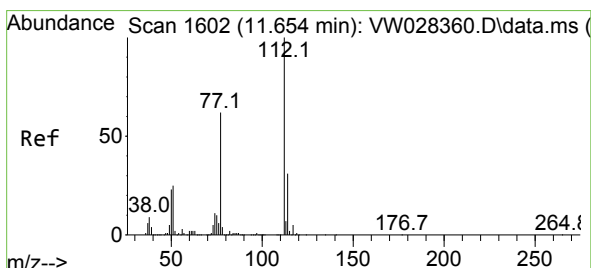
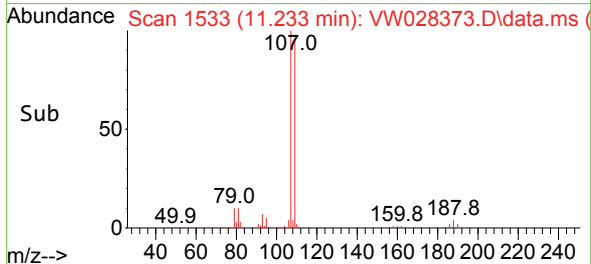
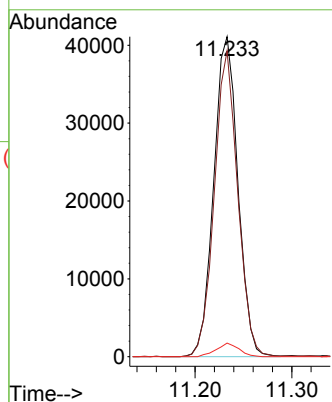
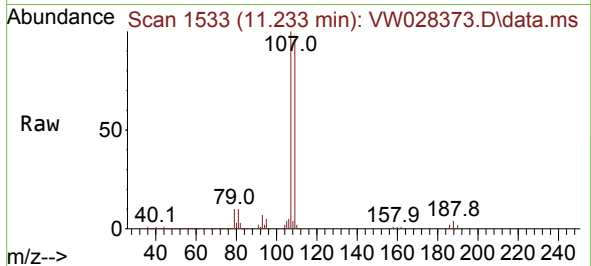




#50
1,2-Dibromoethane
Concen: 23.007 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

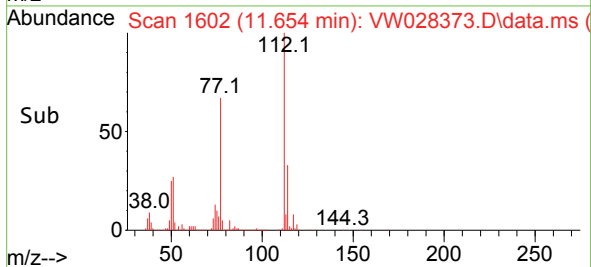
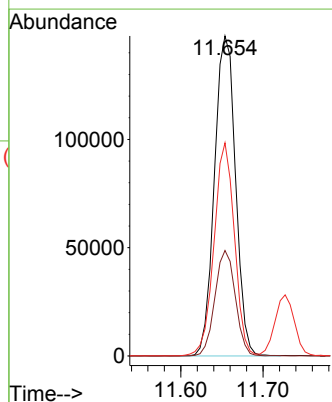
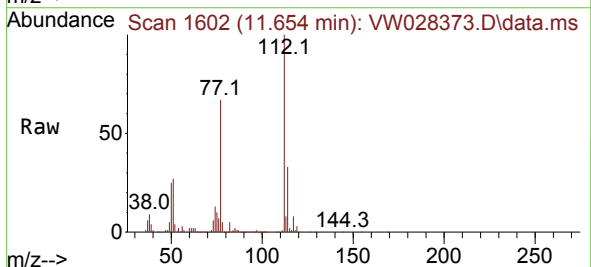
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

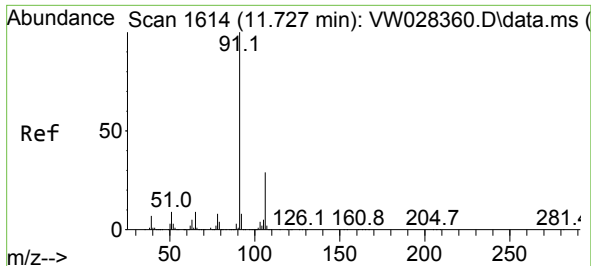
Tgt Ion:107 Resp: 71332
Ion Ratio Lower Upper
107 100
109 95.6 62.1 115.3
188 4.2 3.2 4.8



#51
Chlorobenzene
Concen: 20.784 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

Tgt Ion:112 Resp: 263665
Ion Ratio Lower Upper
112 100
114 32.9 22.3 41.3
77 66.6 51.8 77.8

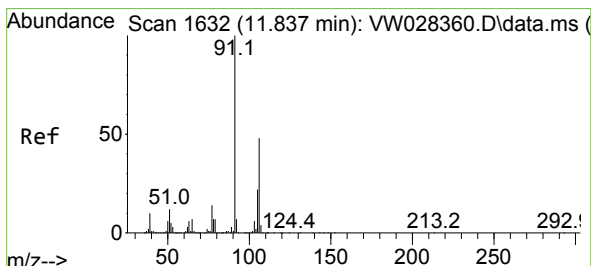
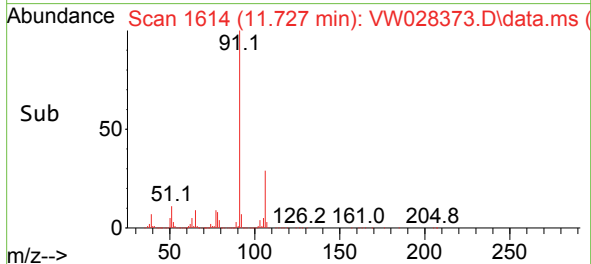
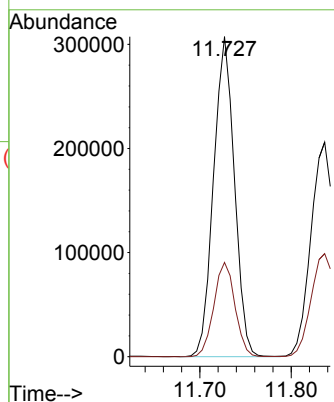
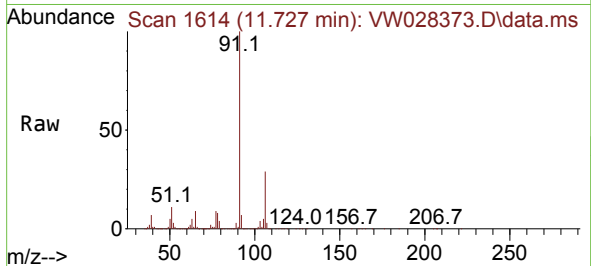




#52
Ethylbenzene
Concen: 21.048 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

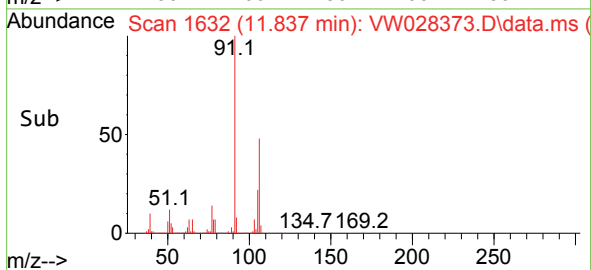
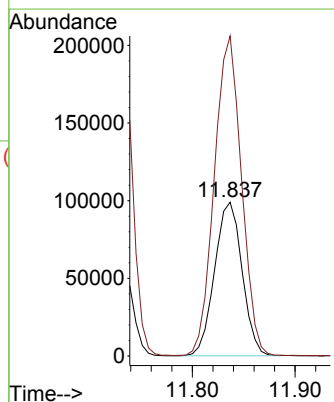
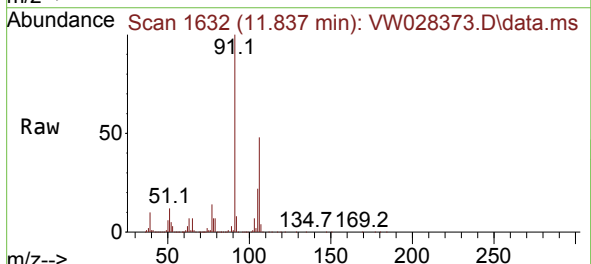
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

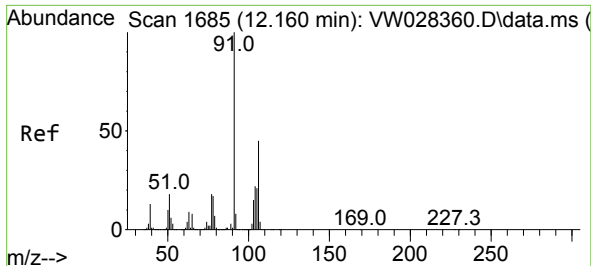
Tgt Ion: 91 Resp: 486947
Ion Ratio Lower Upper
91 100
106 29.5 21.2 39.4



#53
m,p-Xylene
Concen: 21.345 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

Tgt Ion: 106 Resp: 183644
Ion Ratio Lower Upper
106 100
91 208.2 152.4 283.0

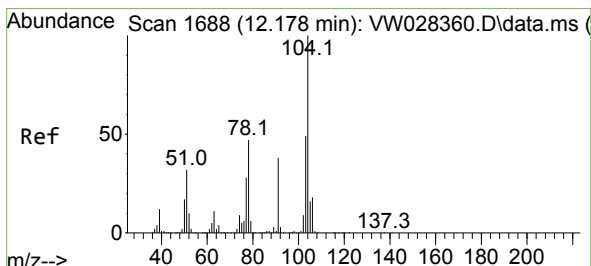
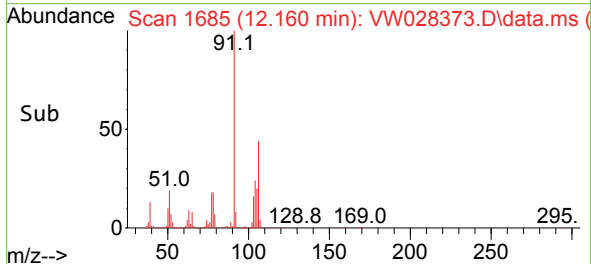
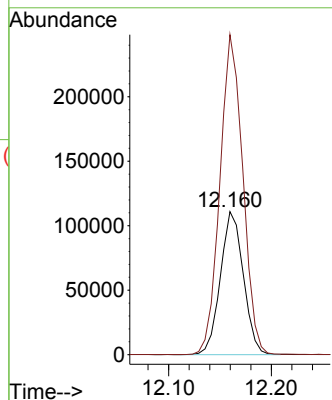
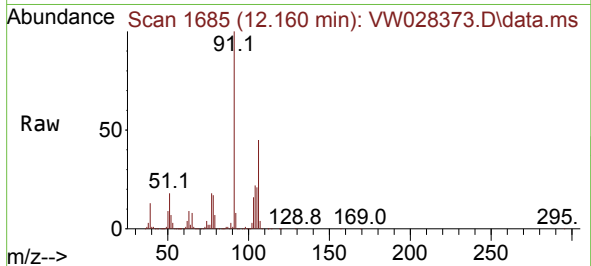




#54
o-Xylene
Concen: 21.481 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

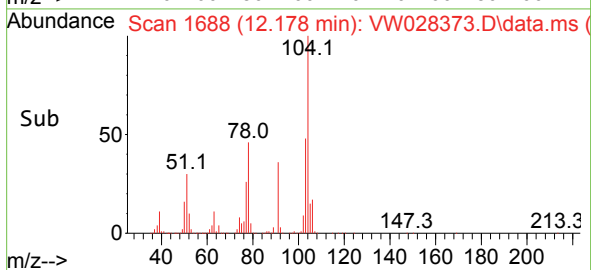
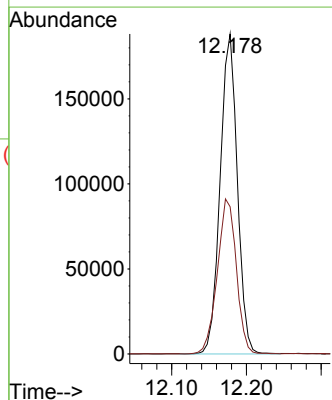
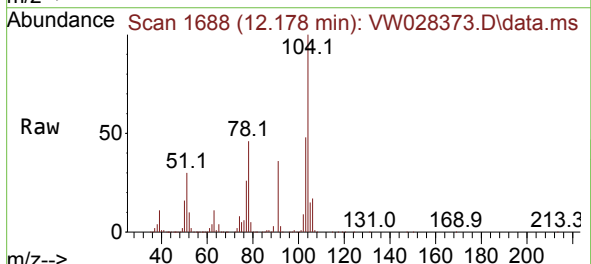
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

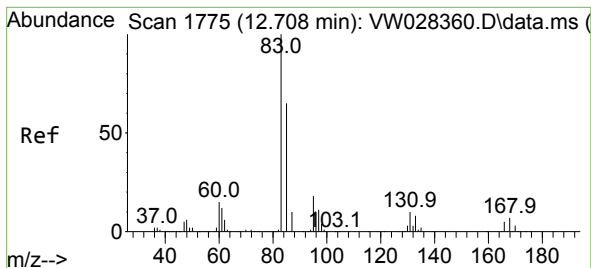
Tgt Ion:106 Resp: 172083
Ion Ratio Lower Upper
106 100
91 223.6 152.9 283.9



#55
Styrene
Concen: 22.098 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

Tgt Ion:104 Resp: 301285
Ion Ratio Lower Upper
104 100
78 46.0 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 23.922 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028373.D

Acq: 09 Apr 2024 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

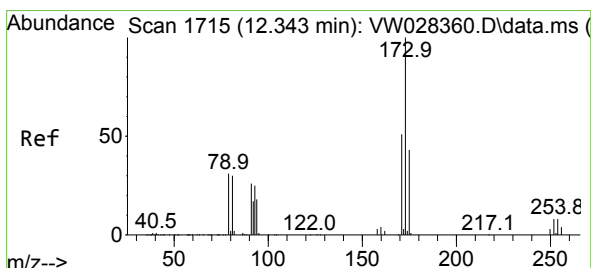
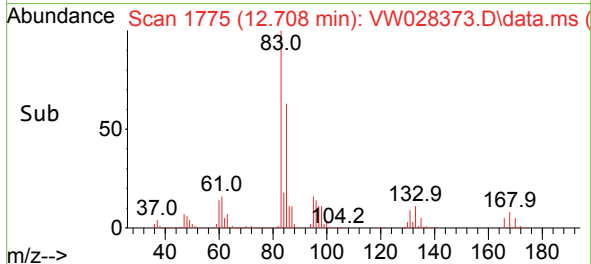
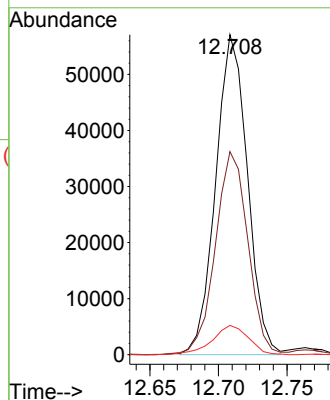
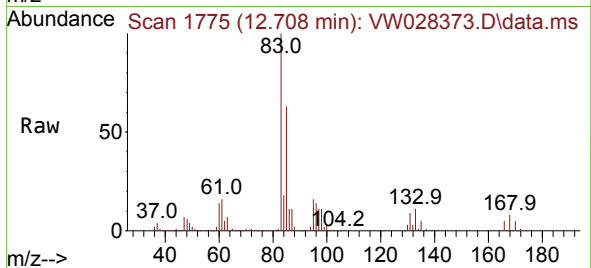
Tgt Ion: 83 Resp: 91962

Ion Ratio Lower Upper

83 100

85 63.5 43.4 80.6

131 9.2 8.0 12.0



#59

Bromoform

Concen: 22.558 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.000 min

Lab File: VW028373.D

Acq: 09 Apr 2024 19:02

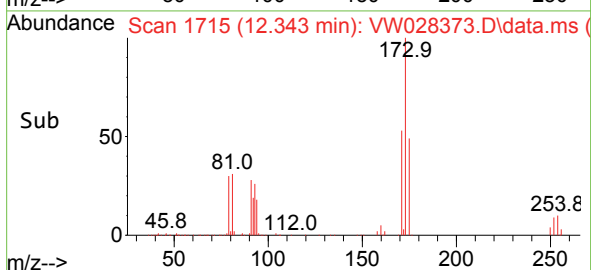
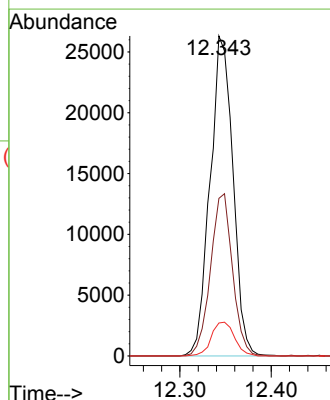
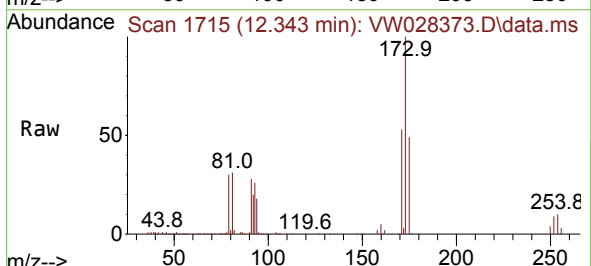
Tgt Ion:173 Resp: 45760

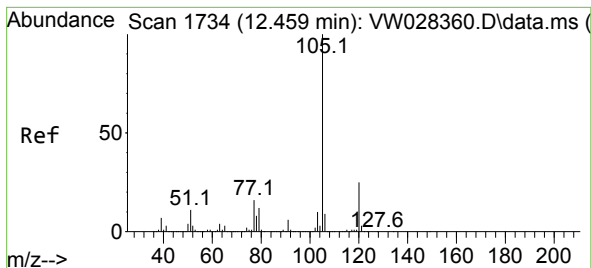
Ion Ratio Lower Upper

173 100

175 48.7 39.2 58.8

254 10.7 8.3 12.5





#60

Isopropylbenzene

Concen: 21.015 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028373.D

Acq: 09 Apr 2024 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

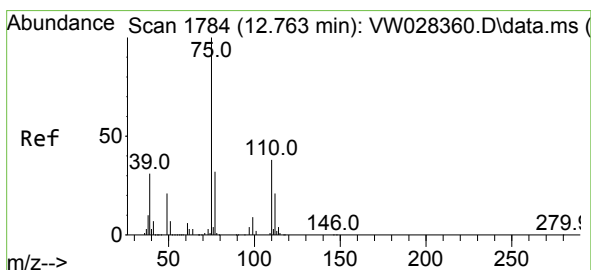
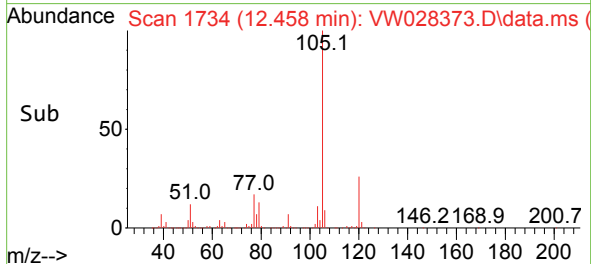
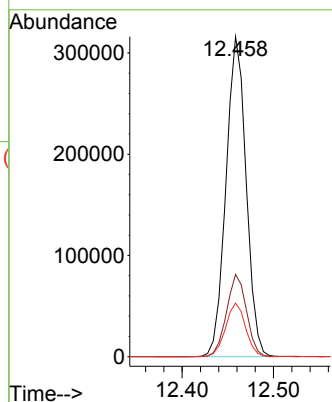
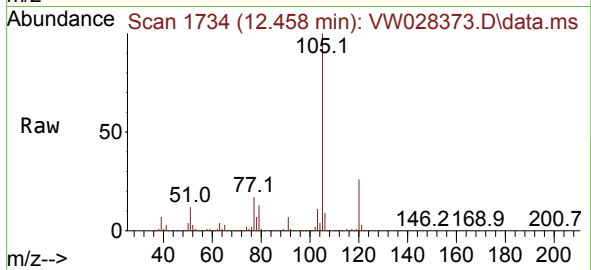
Tgt Ion:105 Resp: 484155

Ion Ratio Lower Upper

105 100

120 25.5 20.8 31.2

77 16.6 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 24.075 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028373.D

Acq: 09 Apr 2024 19:02

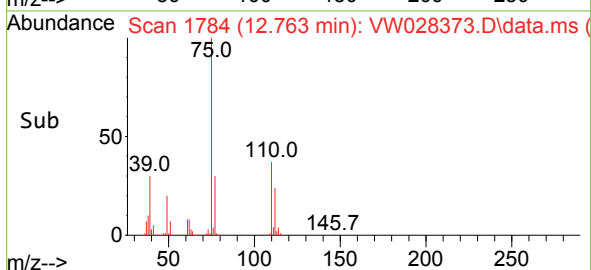
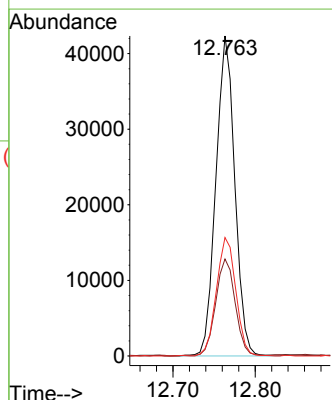
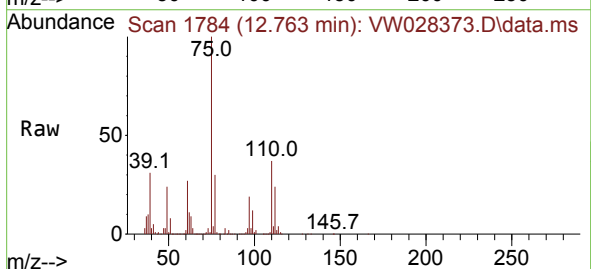
Tgt Ion: 75 Resp: 67642

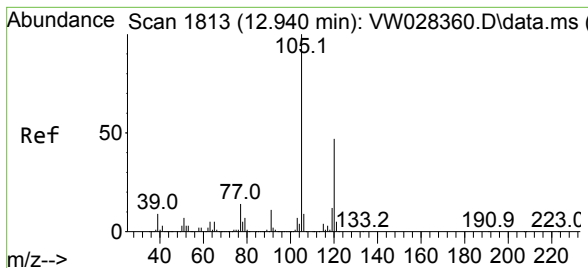
Ion Ratio Lower Upper

75 100

77 30.8 26.1 39.1

110 38.0 30.6 46.0

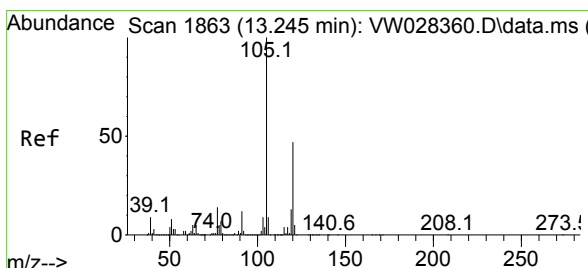
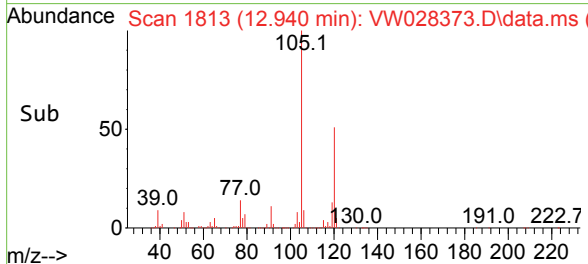
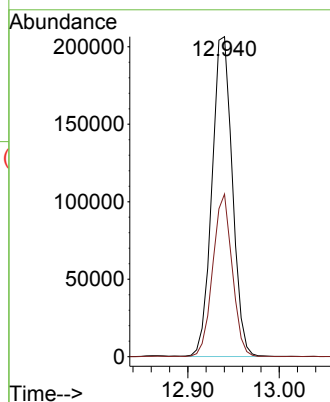
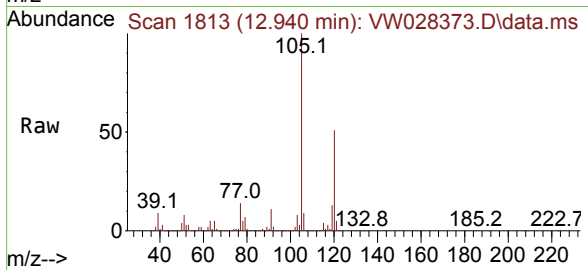




#62
 1,3,5-Trimethylbenzene
 Concen: 21.742 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW028373.D
 Acq: 09 Apr 2024 19:02

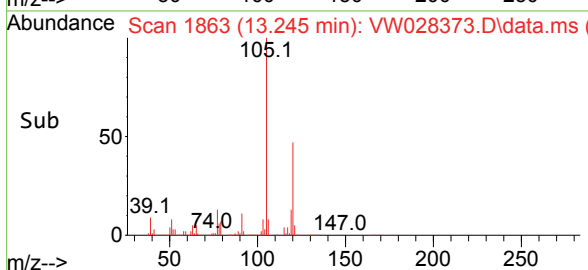
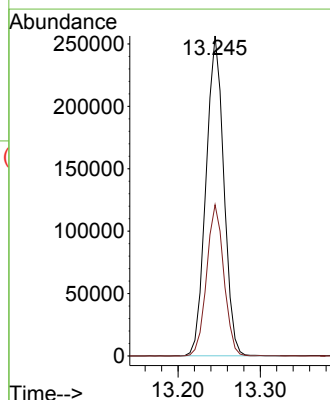
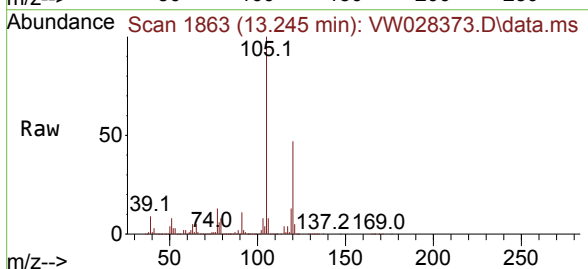
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025543

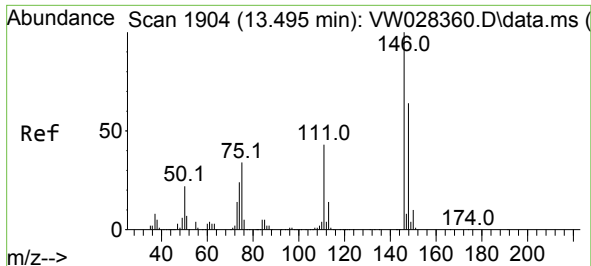
Tgt Ion:105 Resp: 319265
 Ion Ratio Lower Upper
 105 100
 120 48.5 37.5 56.3



#63
 1,2,4-Trimethylbenzene
 Concen: 21.783 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW028373.D
 Acq: 09 Apr 2024 19:02

Tgt Ion:105 Resp: 384952
 Ion Ratio Lower Upper
 105 100
 120 45.8 35.4 53.0

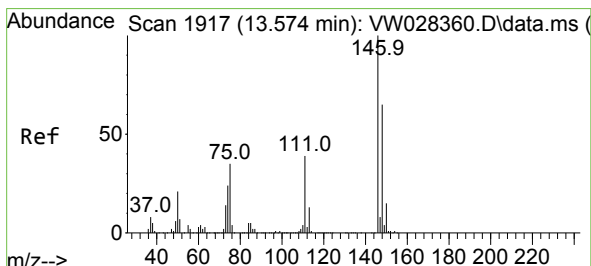
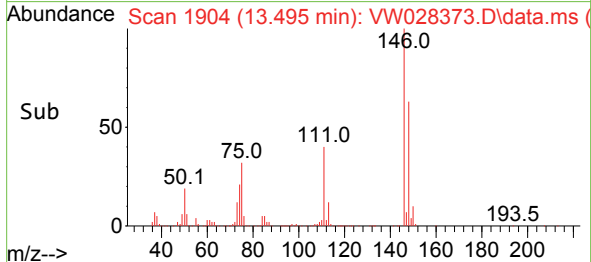
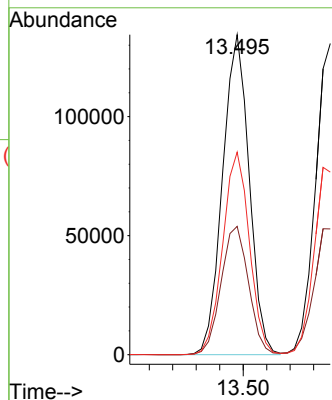
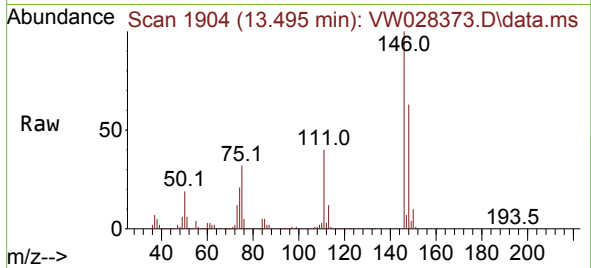




#64
1,3-Dichlorobenzene
Concen: 21.627 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

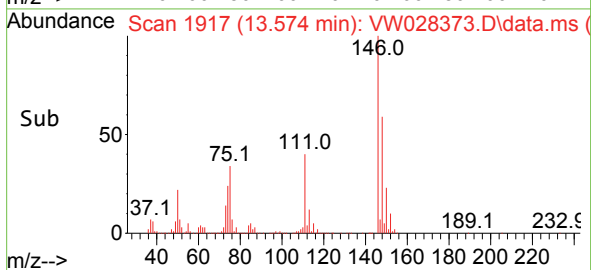
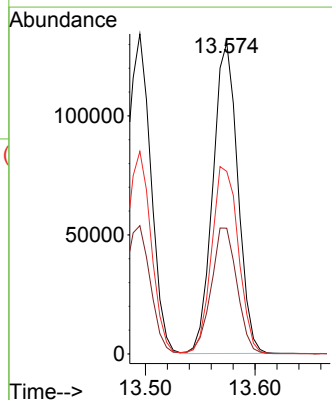
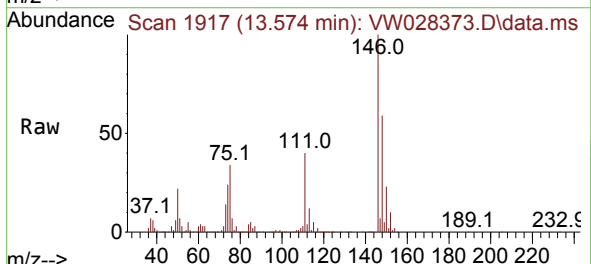
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

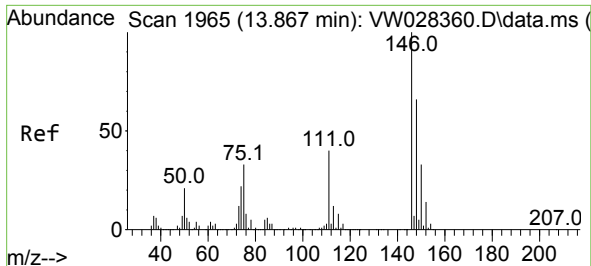
Tgt Ion:146 Resp: 211414
Ion Ratio Lower Upper
146 100
111 40.1 29.8 55.3
148 63.3 47.3 87.8



#65
1,4-Dichlorobenzene
Concen: 20.771 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

Tgt Ion:146 Resp: 206550
Ion Ratio Lower Upper
146 100
111 40.4 30.3 56.3
148 58.6 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 22.192 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. -0.006 min

Lab File: VW028373.D

Acq: 09 Apr 2024 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

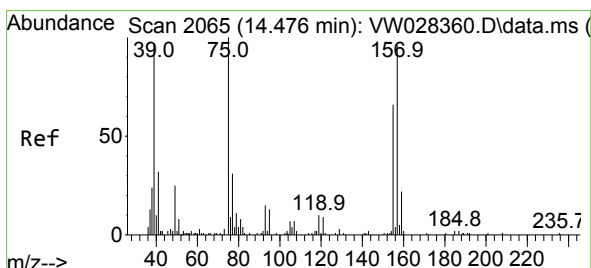
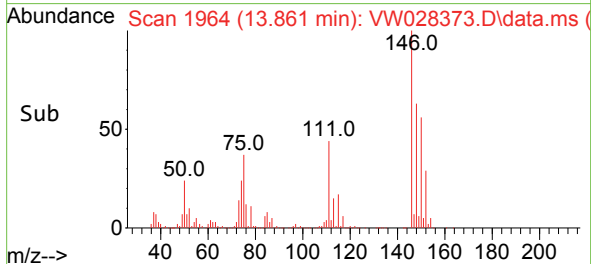
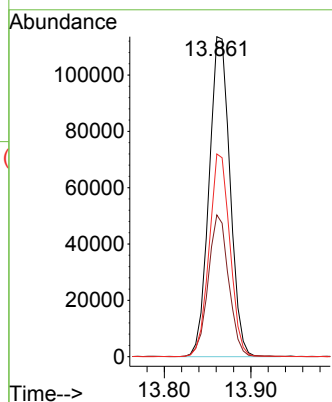
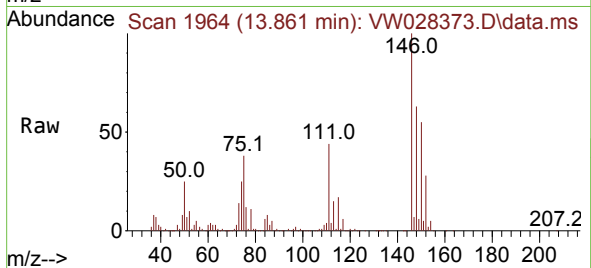
Tgt Ion:146 Resp: 190824

Ion Ratio Lower Upper

146 100

111 44.3 31.4 47.2

148 63.3 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 24.024 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028373.D

Acq: 09 Apr 2024 19:02

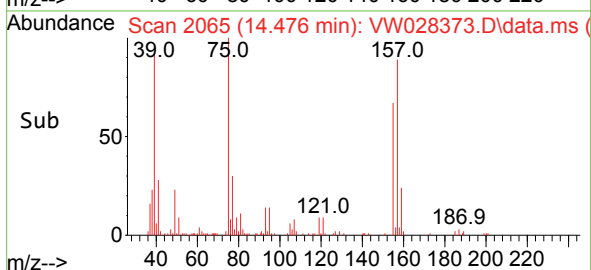
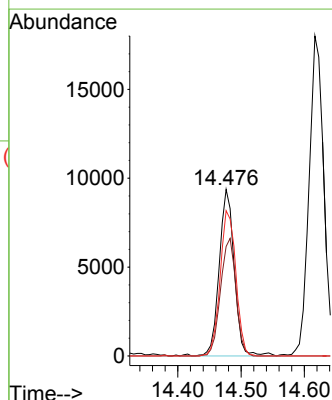
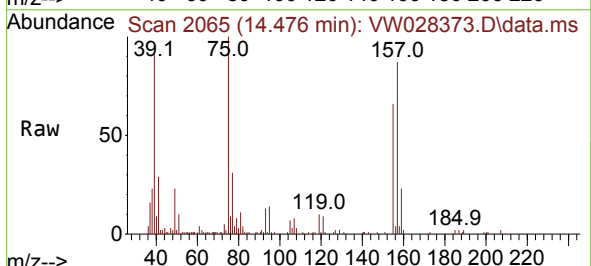
Tgt Ion: 75 Resp: 15467

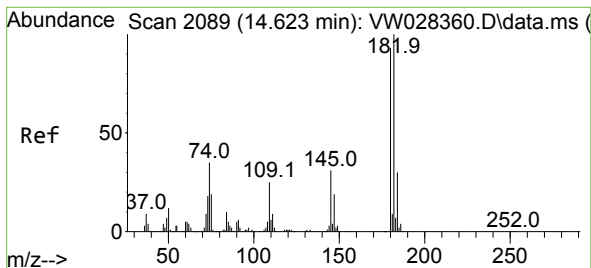
Ion Ratio Lower Upper

75 100

155 65.7 61.2 91.8

157 87.2 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 20.790 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW028373.D

Acq: 09 Apr 2024 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

Tgt Ion:180 Resp: 139849

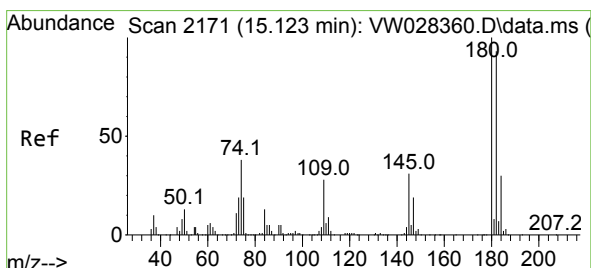
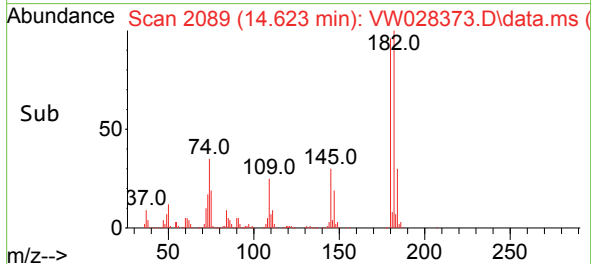
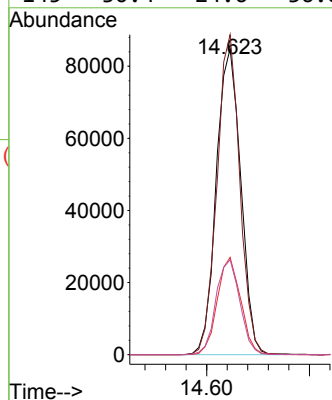
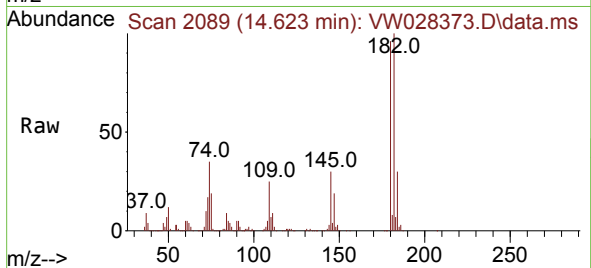
Ion Ratio Lower Upper

180 100

182 97.7 77.4 116.0

184 30.5 24.8 37.2

145 30.4 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 22.907 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW028373.D

Acq: 09 Apr 2024 19:02

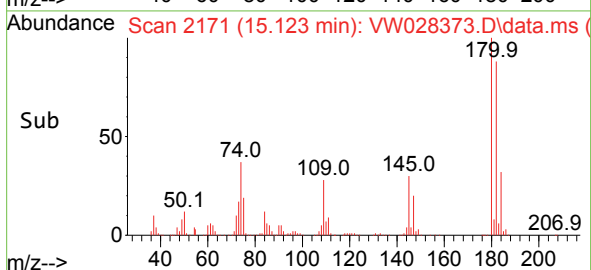
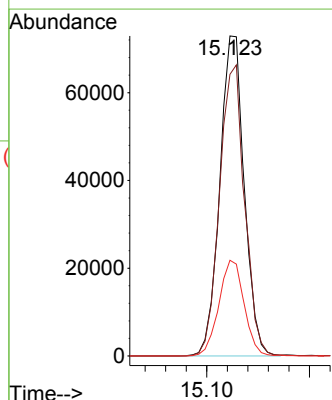
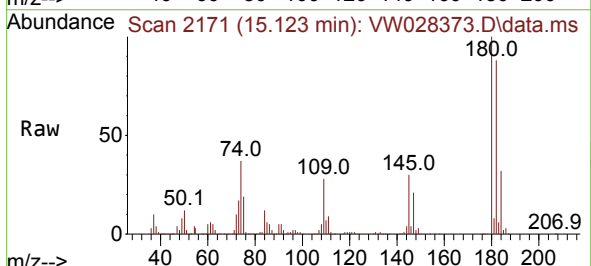
Tgt Ion:180 Resp: 120334

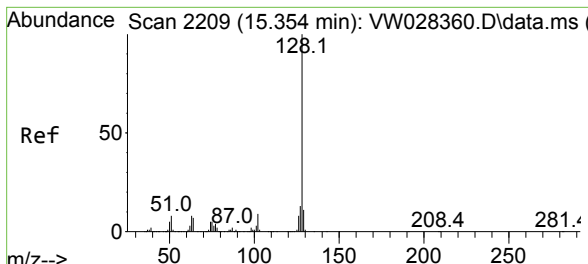
Ion Ratio Lower Upper

180 100

182 93.2 71.5 107.3

145 30.8 23.5 35.3

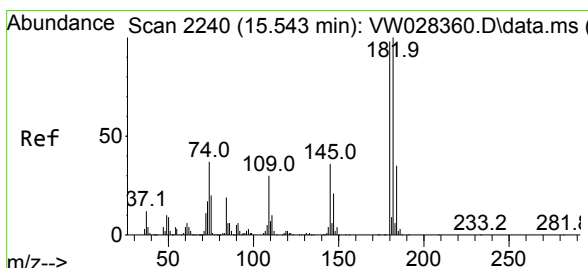
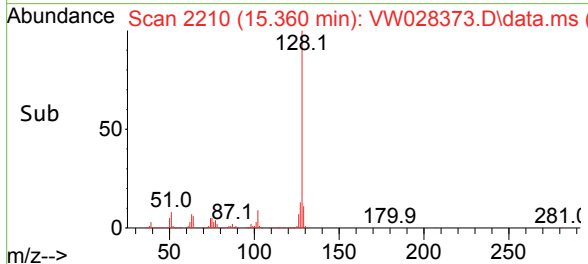
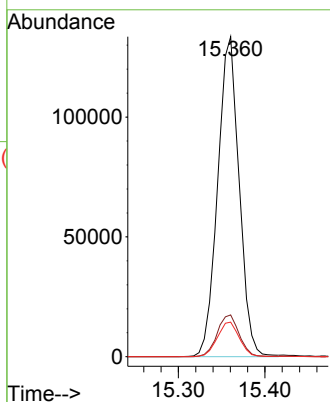
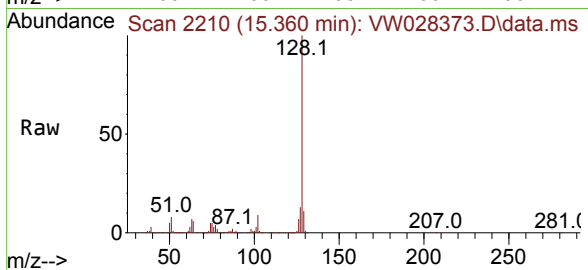




#71
Naphthalene
Concen: 24.724 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

Tgt Ion:128 Resp: 229860
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.1 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 22.327 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VW028373.D
Acq: 09 Apr 2024 19:02

Tgt Ion:180 Resp: 104078
Ion Ratio Lower Upper
180 100
182 95.9 75.7 113.5
145 34.2 26.2 39.4

