

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041124\
 Data File : VW028390.D
 Acq On : 11 Apr 2024 09:18
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025546

Quant Time: Apr 12 00:49:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 11 05:54:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	287080	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	261245	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	134646	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	109602	23.814	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.240%
7) Chloroethane-d5	2.905	69	86717	24.860	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.440%
11) 1,1-Dichloroethene-d2	4.021	65	45879	23.540	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.160%
21) 2-Butanone-d5	7.075	46	50337	58.448	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.900%
24) Chloroform-d	7.648	84	197973	26.428	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.720%
26) 1,2-Dichloroethane-d4	8.307	65	109441	28.112	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.440%
32) Benzene-d6	8.276	84	382922	26.831	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.320%
36) 1,2-Dichloropropane-d6	9.270	67	114992	27.107	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.440%
41) Toluene-d8	10.319	98	349692	26.946	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.800%
43) trans-1,3-Dichloroprop...	10.575	79	46808	27.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.000%
47) 2-Hexanone-d5	10.922	63	34273	58.325	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	89982	30.064	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.240%#
66) 1,2-Dichlorobenzene-d4	13.848	152	109476	25.709	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	85822	22.227	ug/L	94
3) Chloromethane	2.223	50	111370	24.567	ug/L	100
5) Vinyl chloride	2.375	62	133178	24.668	ug/L	98
6) Bromomethane	2.789	94	77575	22.999	ug/L	95
8) Chloroethane	2.936	64	79045	24.288	ug/L	98
9) Trichlorofluoromethane	3.271	101	97834	22.716	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	94317	23.278	ug/L	99
12) 1,1-Dichloroethene	4.045	96	91844	24.141	ug/L	96
13) Acetone	4.125	43	53572	50.661	ug/L	93
14) Carbon disulfide	4.393	76	301335	24.058	ug/L	99
15) Methyl Acetate	4.673	43	44452	26.126	ug/L	99
16) Methylene chloride	4.917	84	99536	22.913	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	99836	24.912	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	143004	25.367	ug/L	99
19) 1,1-Dichloroethane	6.216	63	193053	24.725	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	106109	24.947	ug/L	98
22) 2-Butanone	7.167	43	66250	51.624	ug/L	99
23) Bromochloromethane	7.514	128	44714	24.406	ug/L	87
25) Chloroform	7.673	83	193841	25.272	ug/L	96

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 Response via : Initial Calibration

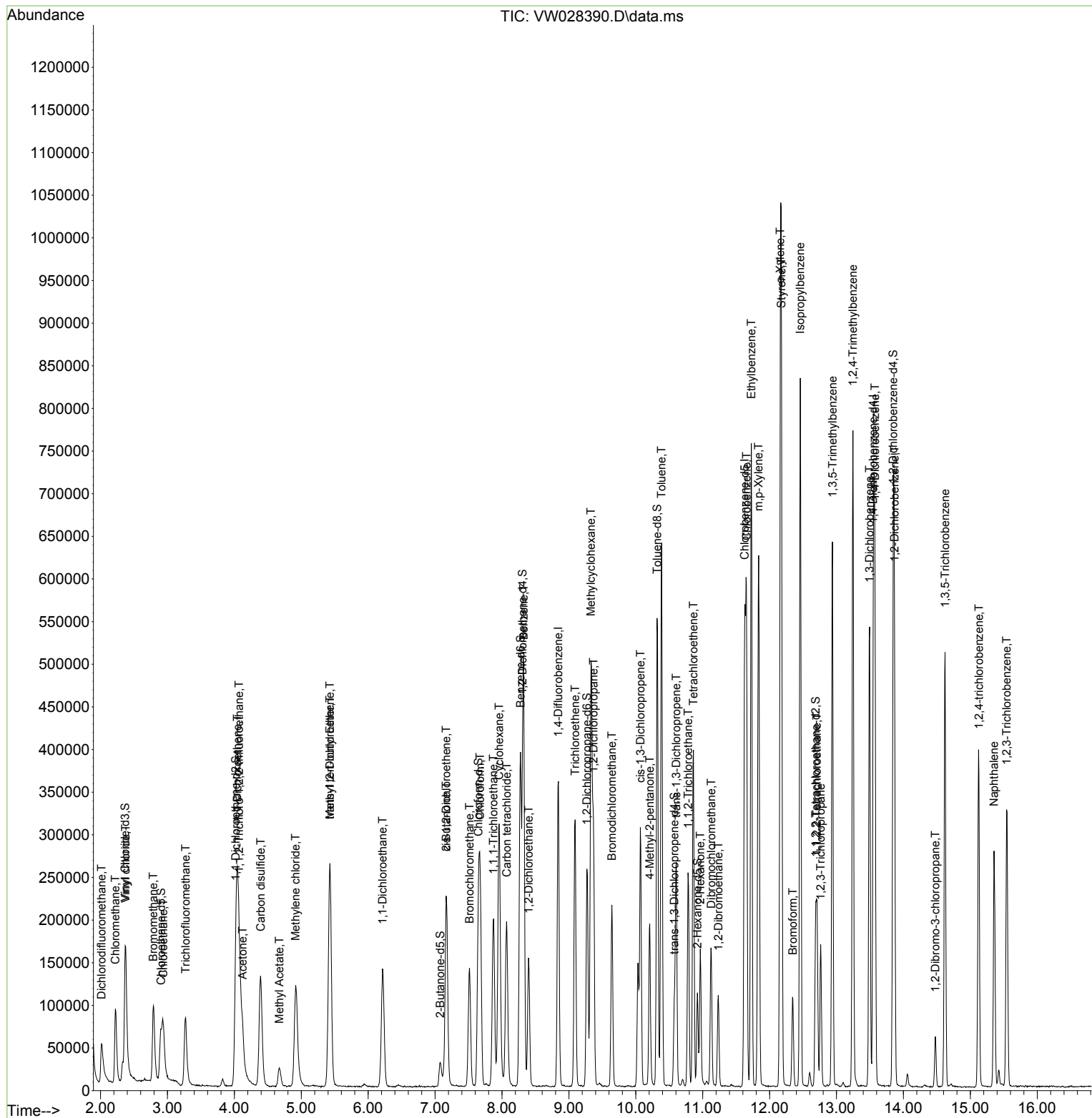
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	135522	25.600	ug/L	99
29) Cyclohexane	7.959	56	177108	25.665	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	154749	24.424	ug/L	98
31) Carbon tetrachloride	8.069	117	142602	25.381	ug/L	100
33) Benzene	8.325	78	417834	25.581	ug/L	100
34) Trichloroethene	9.093	95	107553	24.297	ug/L	96
35) Methylcyclohexane	9.331	83	190936	25.278	ug/L	99
37) 1,2-Dichloropropane	9.368	63	105505	24.783	ug/L	99
38) Bromodichloromethane	9.642	83	135417	25.663	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	164151	26.294	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	127908	60.019	ug/L	100
42) Toluene	10.386	91	439343	25.390	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	135697	26.868	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	74897	26.004	ug/L	94
46) Tetrachloroethene	10.861	164	84352	25.512	ug/L	93
48) 2-Hexanone	10.965	43	101494	59.998	ug/L	99
49) Dibromochloromethane	11.129	129	80764	26.236	ug/L	96
50) 1,2-Dibromoethane	11.233	107	70183	26.698	ug/L	89
51) Chlorobenzene	11.654	112	273438	25.422	ug/L	94
52) Ethylbenzene	11.727	91	502345	25.610	ug/L	100
53) m,p-Xylene	11.837	106	187086	25.647	ug/L	97
54) o-Xylene	12.160	106	176661	26.010	ug/L	100
55) Styrene	12.178	104	305762	26.450	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	89228	27.375	ug/L	98
59) Bromoform	12.349	173	45658	25.689	ug/L	97
60) Isopropylbenzene	12.459	105	499683	24.754	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	64480	26.193	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	319520	24.835	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	392748	25.366	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	207036	24.172	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	210699	24.183	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	187862	24.935	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	13807	24.476	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	144603	24.534	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	112649	24.475	ug/L	88
71) Naphthalene	15.354	128	222565	27.323	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	101001	24.730	ug/L	98

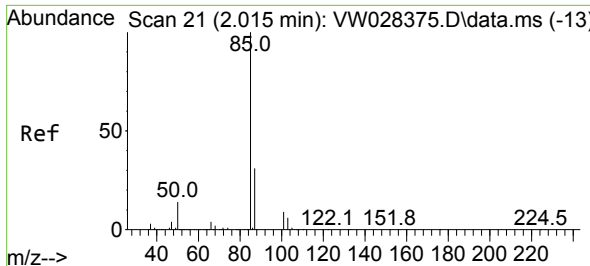
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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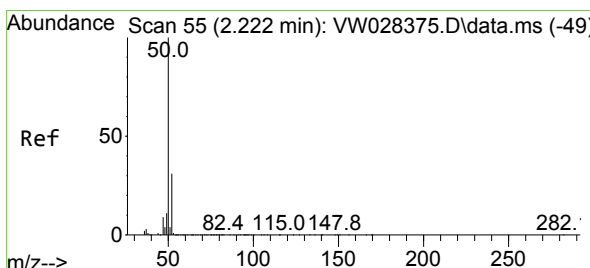
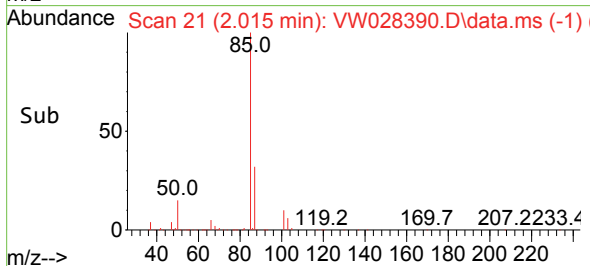
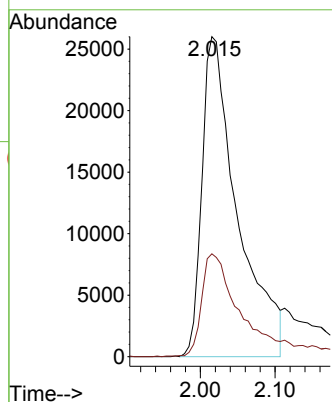
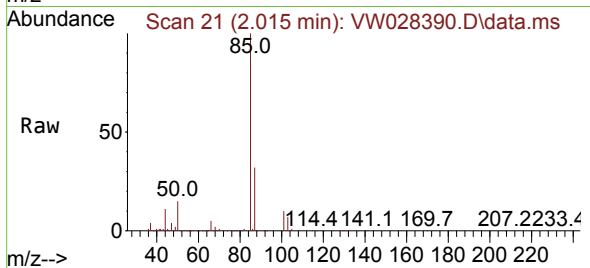




#2
Dichlorodifluoromethane
Concen: 22.227 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

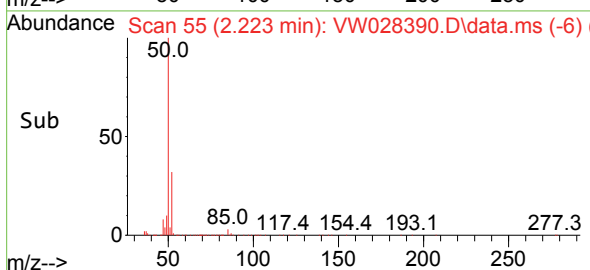
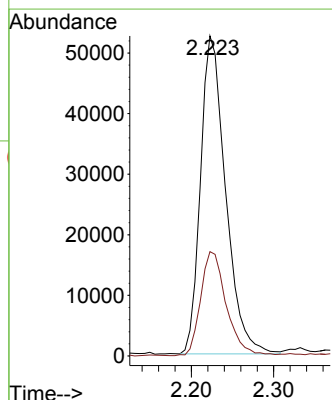
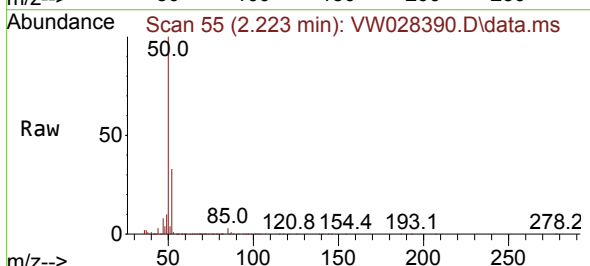
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

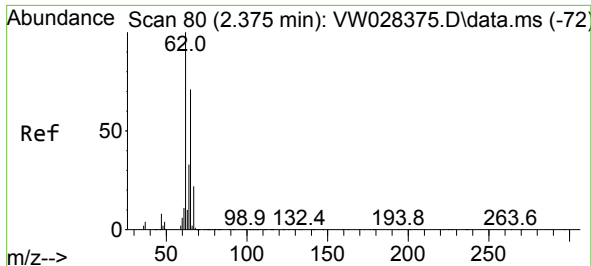
Tgt Ion: 85 Resp: 85822
Ion Ratio Lower Upper
85 100
87 32.5 23.4 35.0



#3
Chloromethane
Concen: 24.567 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

Tgt Ion: 50 Resp: 111370
Ion Ratio Lower Upper
50 100
52 32.6 23.0 42.6

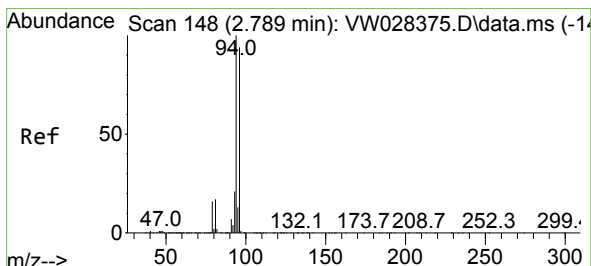
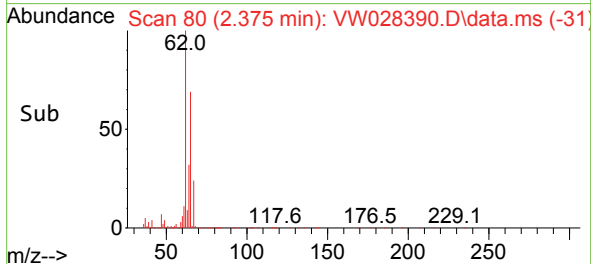
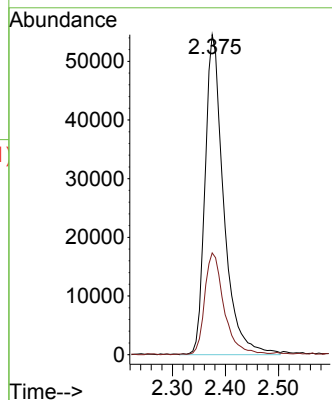
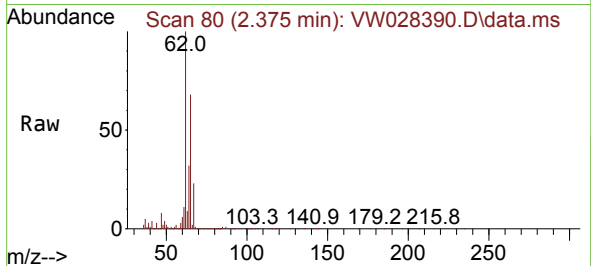




#5
 Vinyl chloride
 Concen: 24.668 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028390.D
 Acq: 11 Apr 2024 09:18

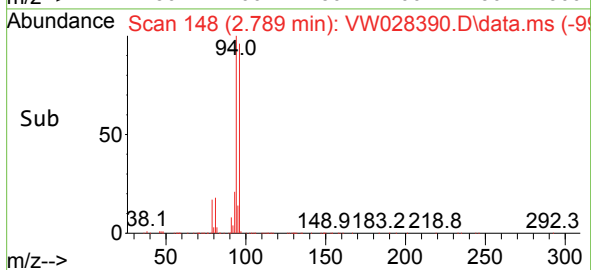
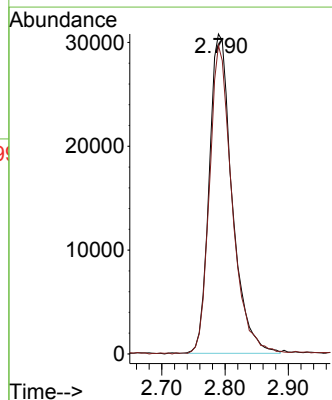
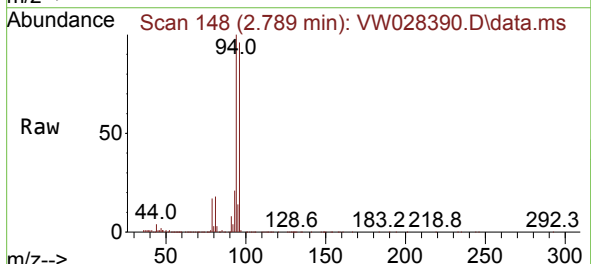
Instrument :
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 ClientSampleId :
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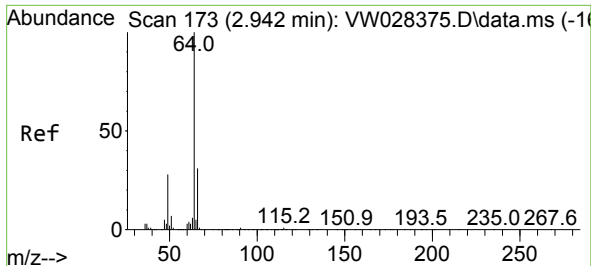
Tgt Ion: 62 Resp: 133178
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.1 42.9



#6
 Bromomethane
 Concen: 22.999 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW028390.D
 Acq: 11 Apr 2024 09:18

Tgt Ion: 94 Resp: 77575
 Ion Ratio Lower Upper
 94 100
 96 96.4 64.3 119.5

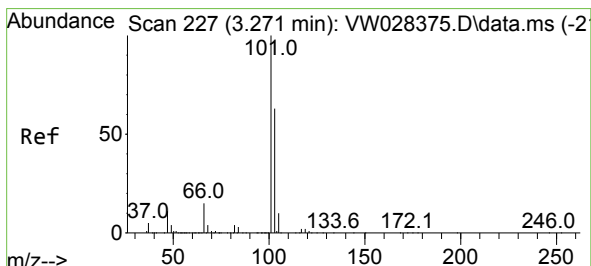
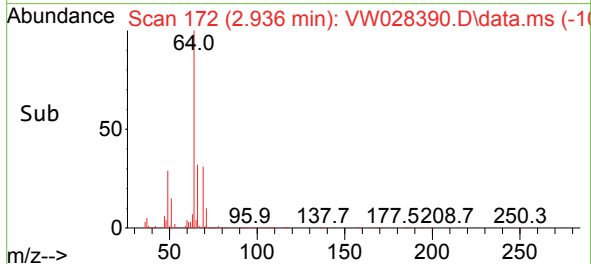
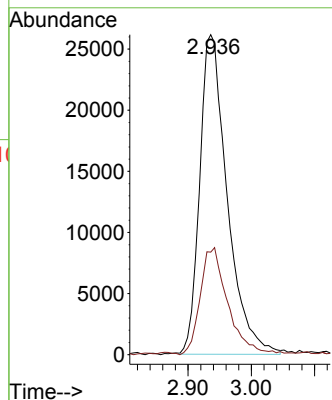
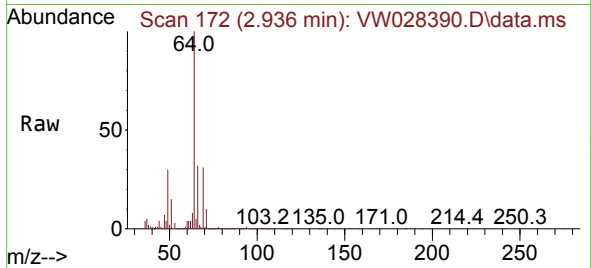




#8
Chloroethane
Concen: 24.288 ug/L
RT: 2.936 min Scan# 173
Delta R.T. -0.006 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

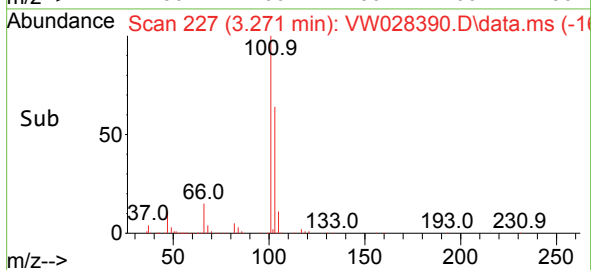
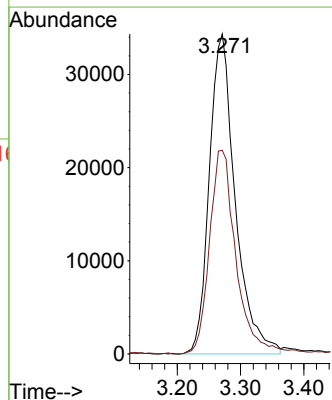
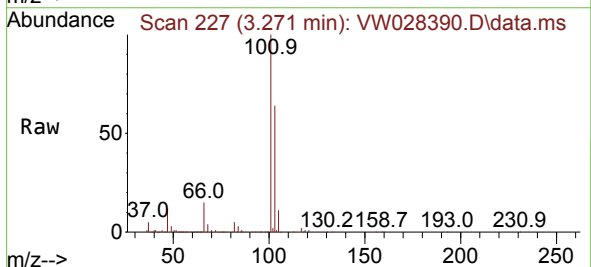
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ClientSampleId :
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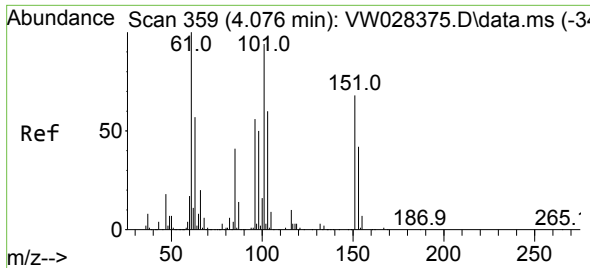
Tgt Ion: 64 Resp: 79045
Ion Ratio Lower Upper
64 100
66 32.1 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.716 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

Tgt Ion: 101 Resp: 97834
Ion Ratio Lower Upper
101 100
103 64.6 52.0 78.0

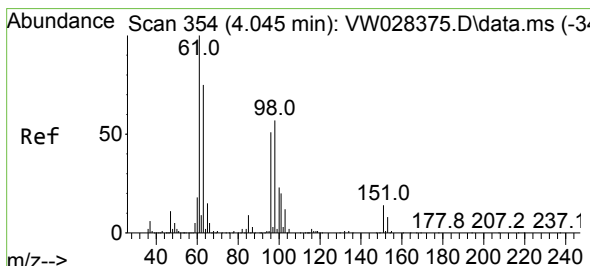
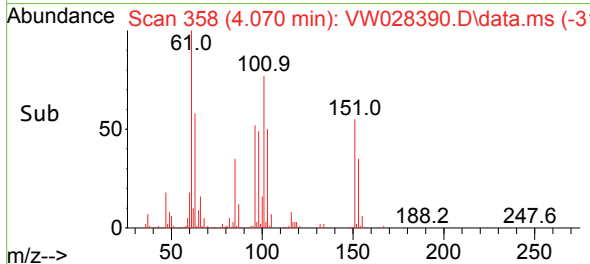
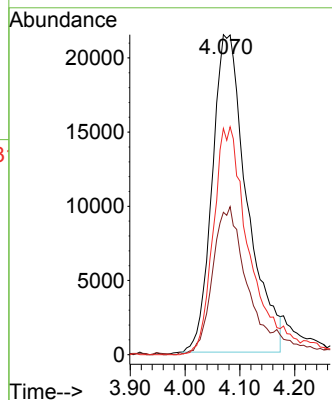
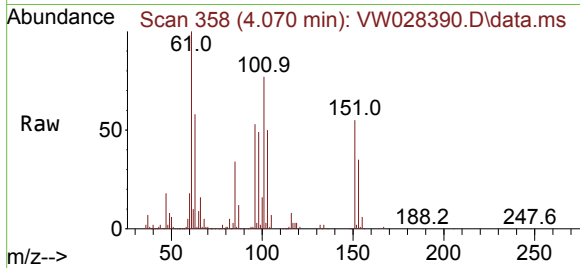




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.278 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW028390.D
 Acq: 11 Apr 2024 09:18

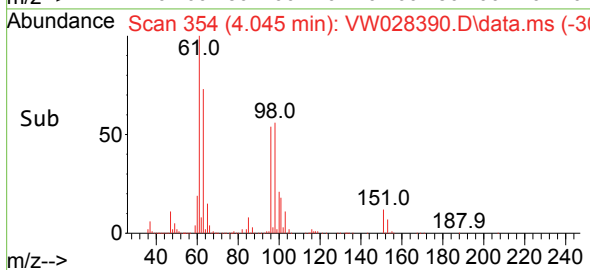
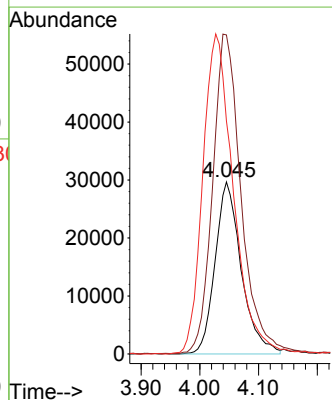
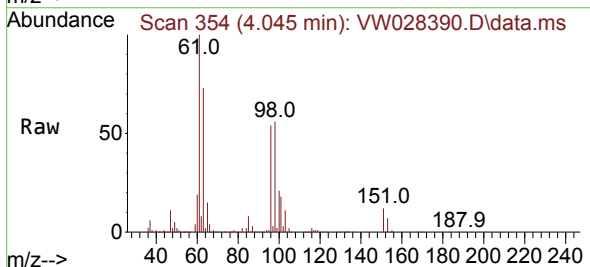
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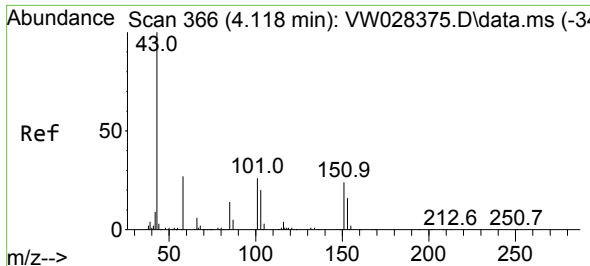
Tgt Ion:101	Resp:	94317
Ion Ratio	Lower	Upper
101	100	
85	44.0	34.5 51.7
151	71.3	57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 24.141 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW028390.D
 Acq: 11 Apr 2024 09:18

Tgt Ion: 96	Resp:	91844
Ion Ratio	Lower	Upper
96	100	
61	185.6	130.5 242.5
63	135.5	101.5 188.5





#13

Acetone

Concen: 50.661 ug/L

RT: 4.125 min Scan# 367

Delta R.T. 0.006 min

Lab File: VW028390.D

Acq: 11 Apr 2024 09:18

Instrument :

MSVOA_W

ClientSampleId :

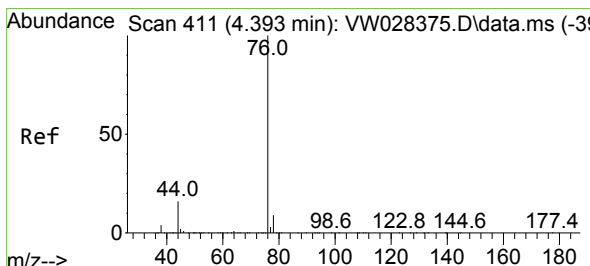
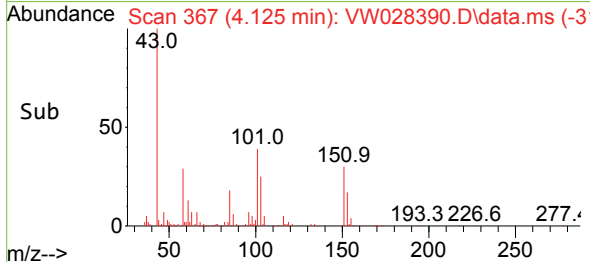
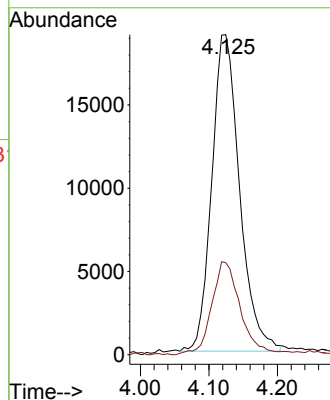
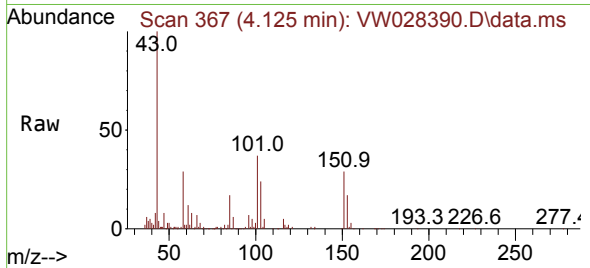
VSTD025546

Tgt Ion: 43 Resp: 53572

Ion Ratio Lower Upper

43 100

58 30.2 0.0 53.4



#14

Carbon disulfide

Concen: 24.058 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

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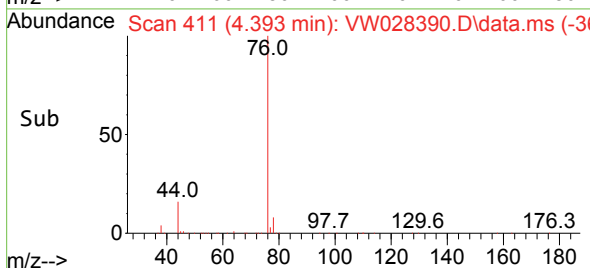
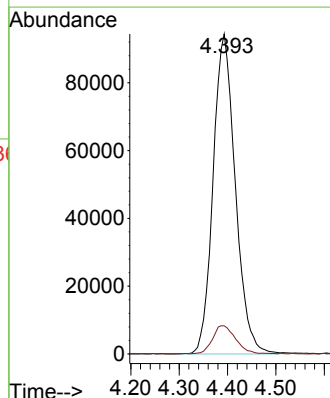
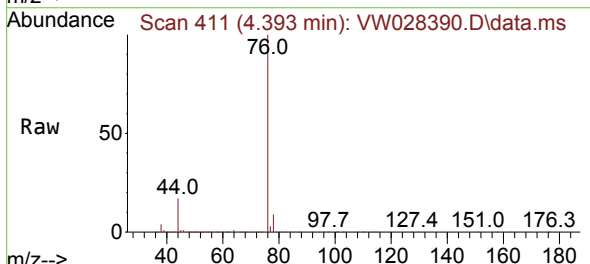
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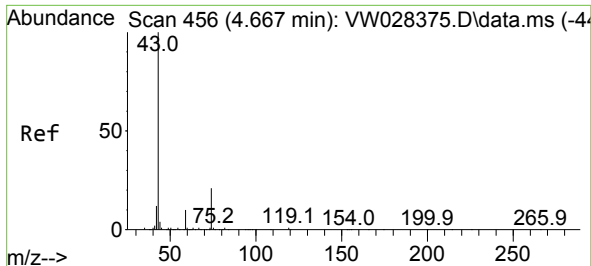
Tgt Ion: 76 Resp: 301335

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

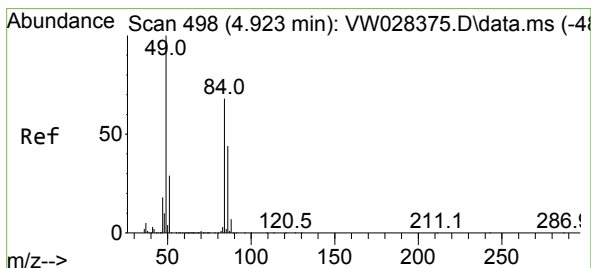
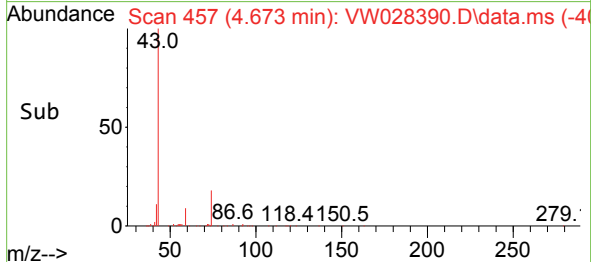
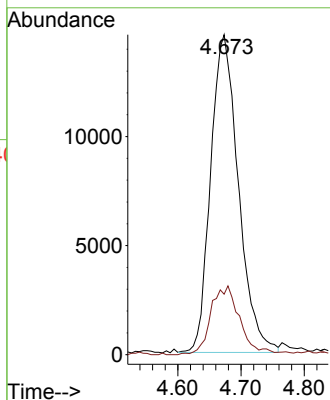
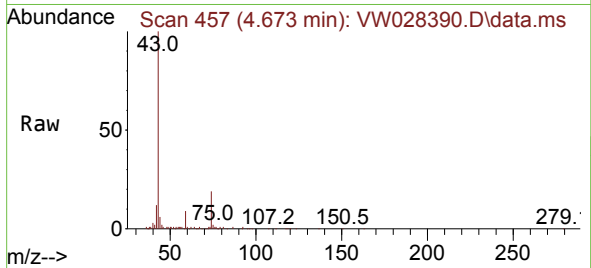




#15
Methyl Acetate
Concen: 26.126 ug/L
RT: 4.673 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

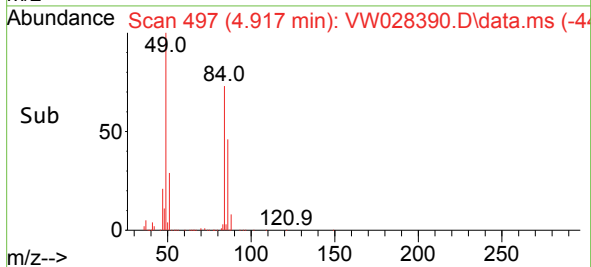
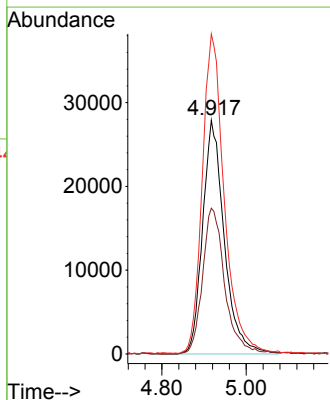
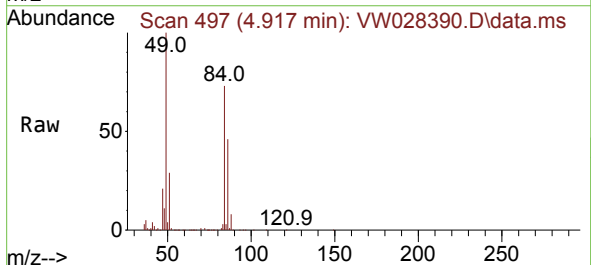
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

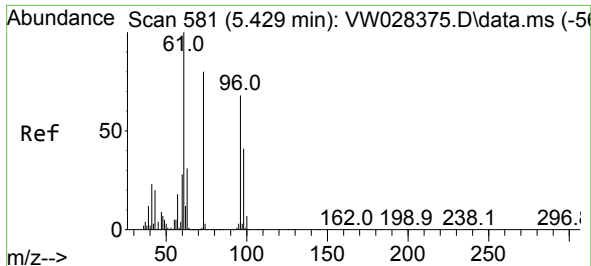
Tgt Ion: 43 Resp: 44452
Ion Ratio Lower Upper
43 100
74 21.4 17.4 26.0



#16
Methylene chloride
Concen: 22.913 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

Tgt Ion: 84 Resp: 99536
Ion Ratio Lower Upper
84 100
86 62.3 44.2 82.0
49 136.9 95.0 176.4

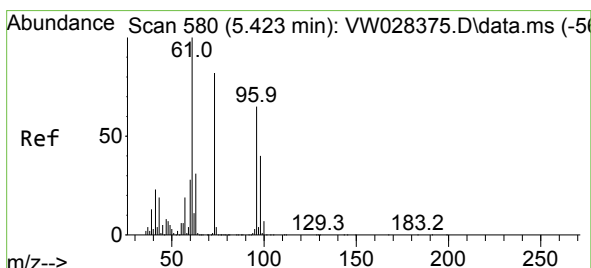
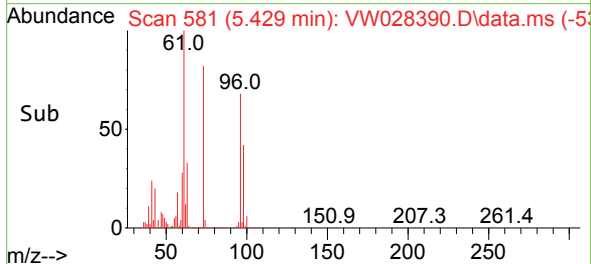
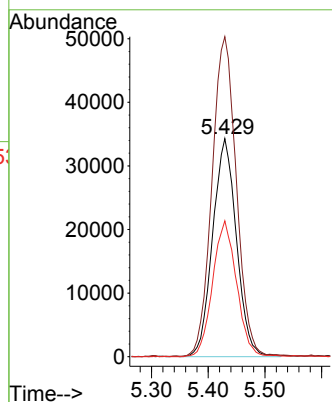
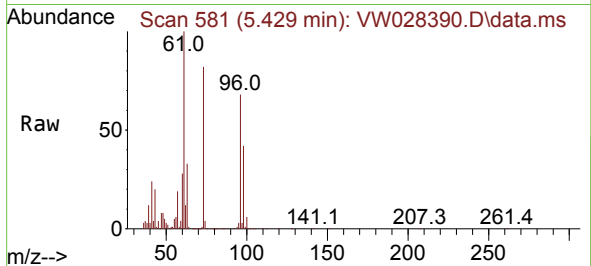




#17
trans-1,2-Dichloroethene
Concen: 24.912 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

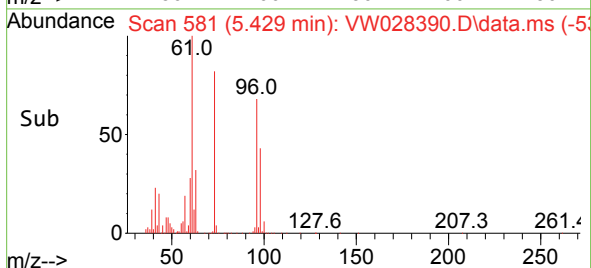
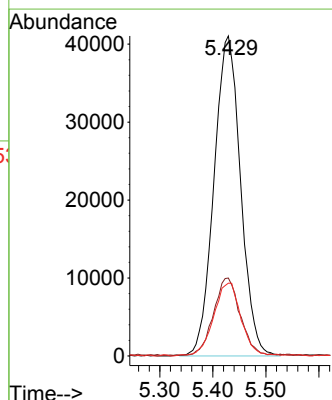
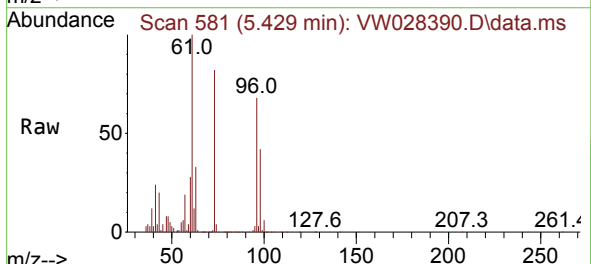
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

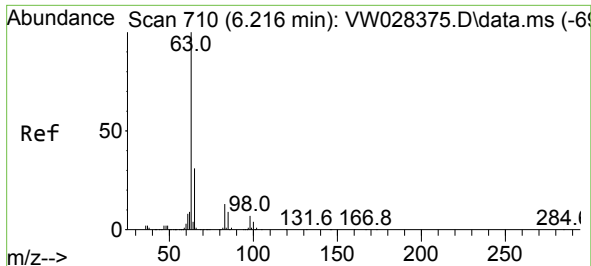
Tgt Ion: 96 Resp: 99836
Ion Ratio Lower Upper
96 100
61 146.8 108.4 201.4
98 62.3 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 25.367 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

Tgt Ion: 73 Resp: 143004
Ion Ratio Lower Upper
73 100
43 23.9 18.5 27.7
57 23.2 18.2 27.4





#19

1,1-Dichloroethane

Concen: 24.725 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW028390.D

Acq: 11 Apr 2024 09:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

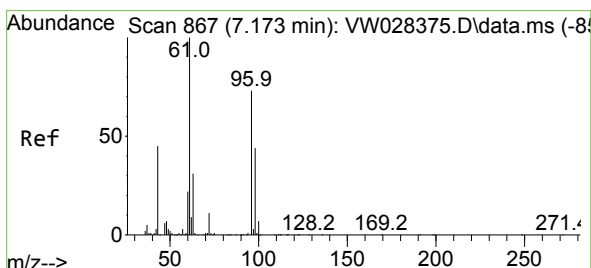
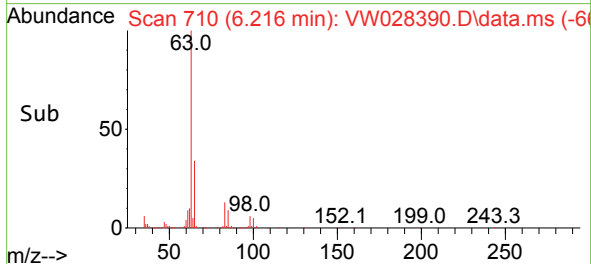
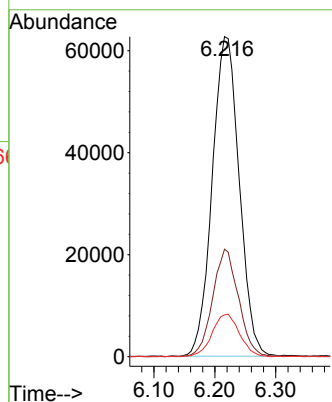
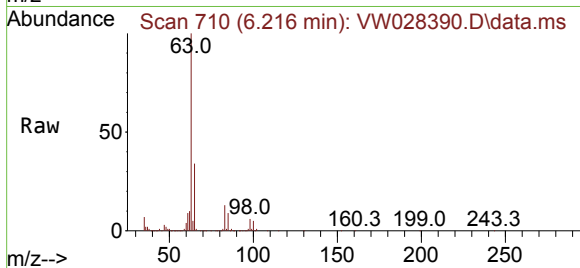
Tgt Ion: 63 Resp: 193053

Ion Ratio Lower Upper

63 100

65 33.6 21.8 40.4

83 13.1 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 24.947 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028390.D

Acq: 11 Apr 2024 09:18

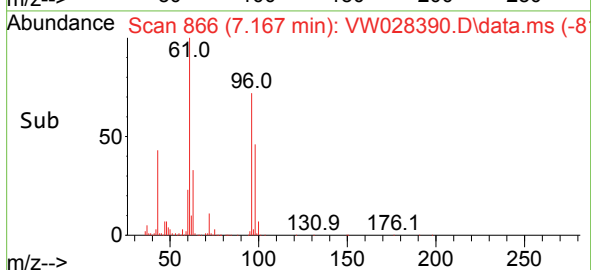
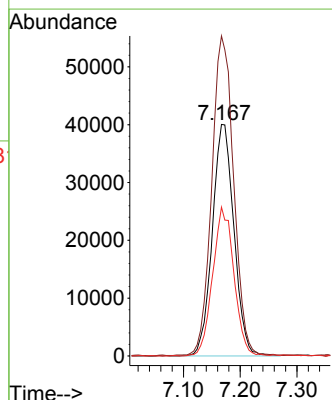
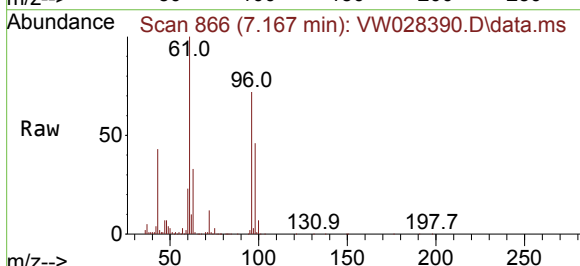
Tgt Ion: 96 Resp: 106109

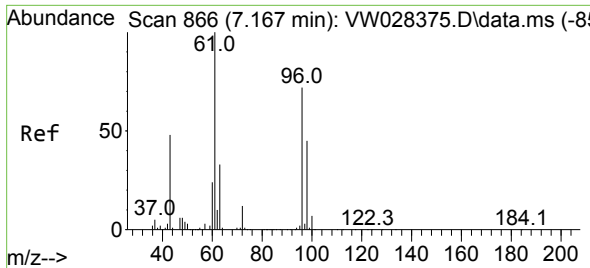
Ion Ratio Lower Upper

96 100

61 138.2 97.6 181.2

98 64.3 47.7 88.5

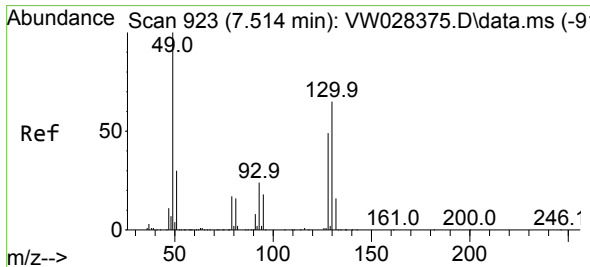
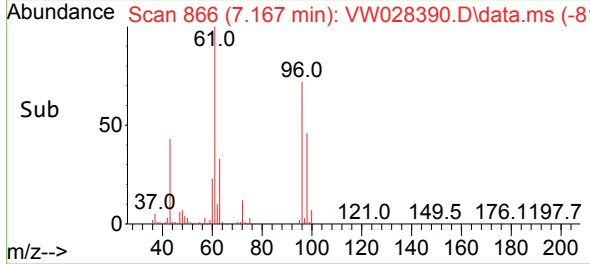
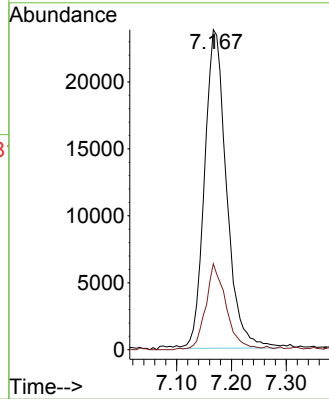
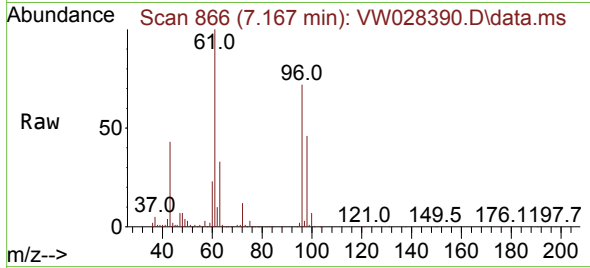




#22
2-Butanone
Concen: 51.624 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

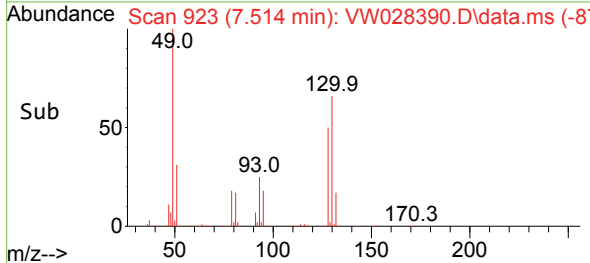
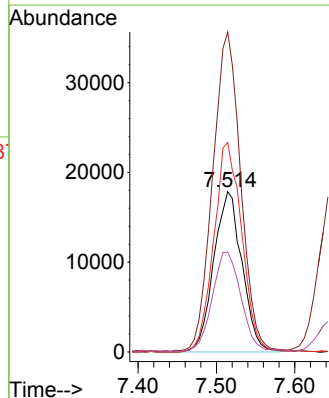
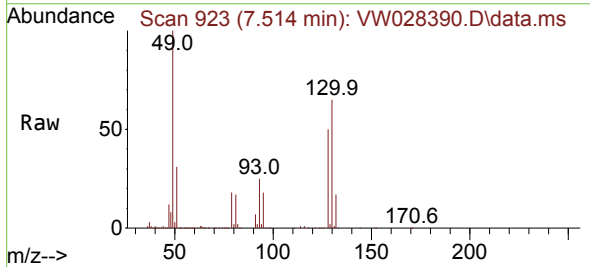
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

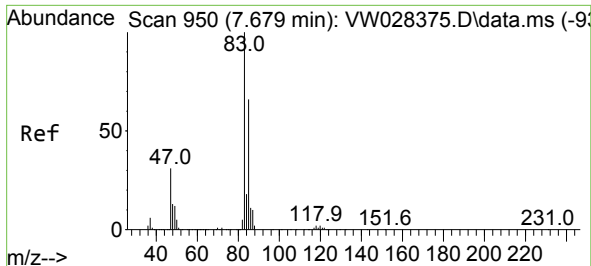
Tgt Ion: 43 Resp: 66250
Ion Ratio Lower Upper
43 100
72 24.9 12.8 38.4



#23
Bromochloromethane
Concen: 24.406 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

Tgt Ion: 128 Resp: 44714
Ion Ratio Lower Upper
128 100
49 199.6 127.1 236.0
130 130.7 78.3 145.5
51 62.3 46.0 69.0

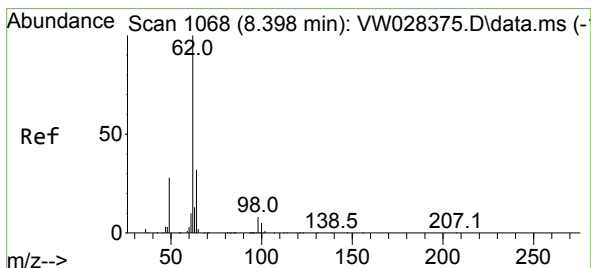
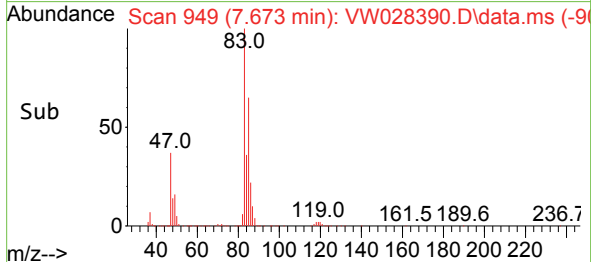
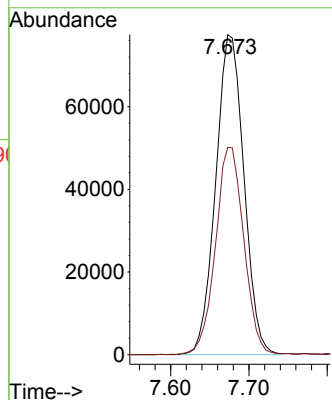
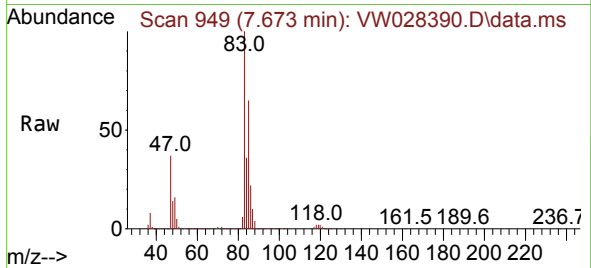




#25
Chloroform
Concen: 25.272 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

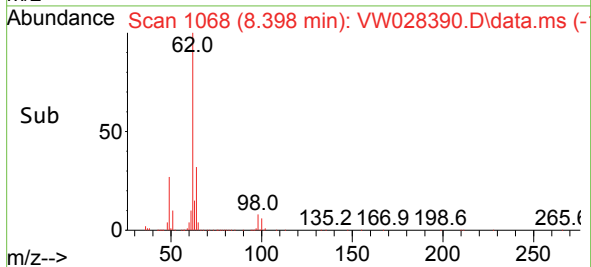
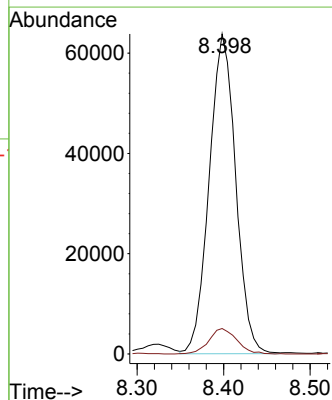
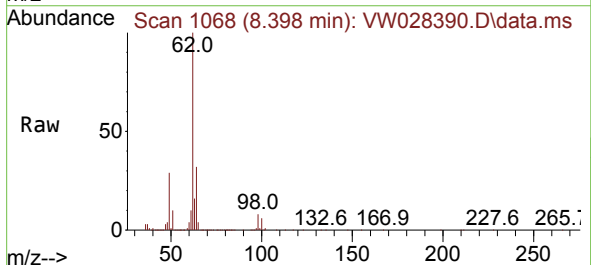
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

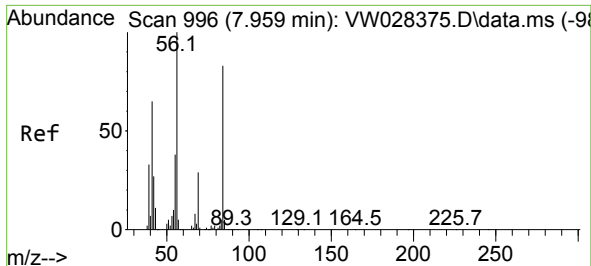
Tgt Ion: 83 Resp: 193841
Ion Ratio Lower Upper
83 100
85 64.8 47.7 88.7



#27
1,2-Dichloroethane
Concen: 25.600 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

Tgt Ion: 62 Resp: 135522
Ion Ratio Lower Upper
62 100
98 7.9 6.6 10.0

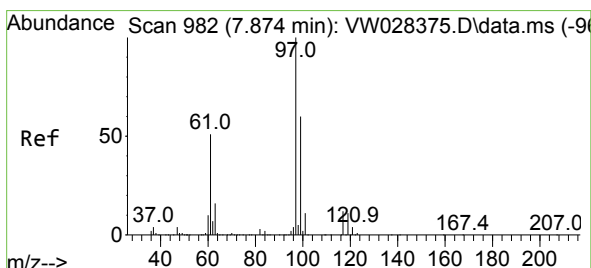
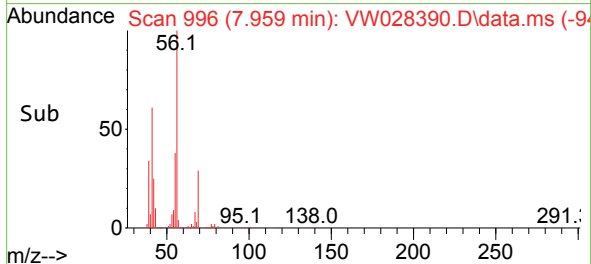
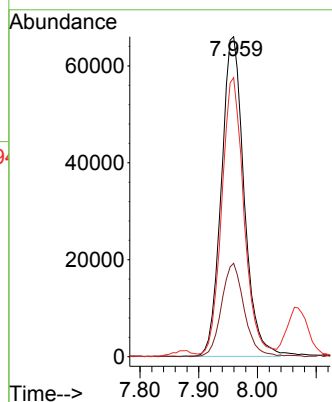
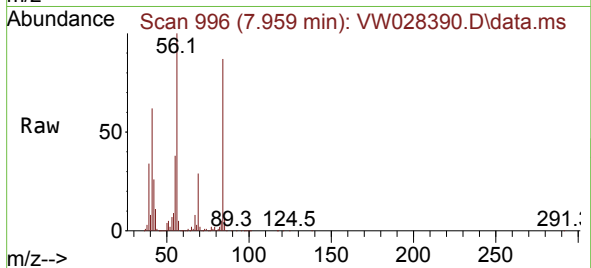




#29
Cyclohexane
Concen: 25.665 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

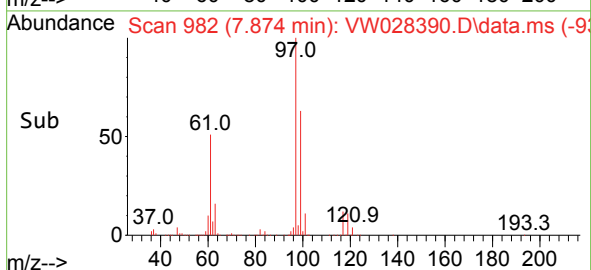
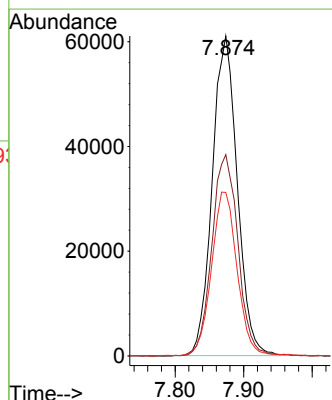
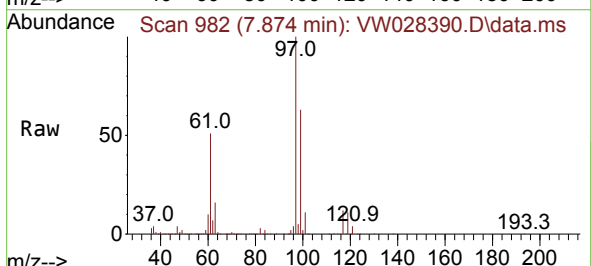
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

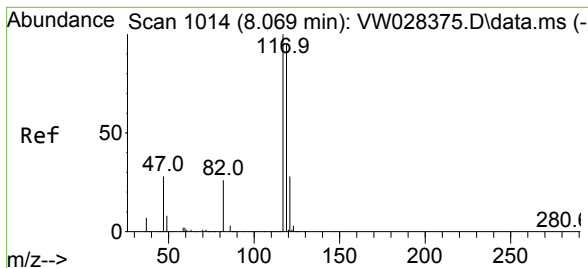
Tgt Ion: 56 Resp: 177108
Ion Ratio Lower Upper
56 100
69 29.3 23.8 35.6
84 85.7 65.9 98.9



#30
1,1,1-Trichloroethane
Concen: 24.424 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

Tgt Ion: 97 Resp: 154749
Ion Ratio Lower Upper
97 100
99 65.0 51.4 77.2
61 52.3 40.5 60.7

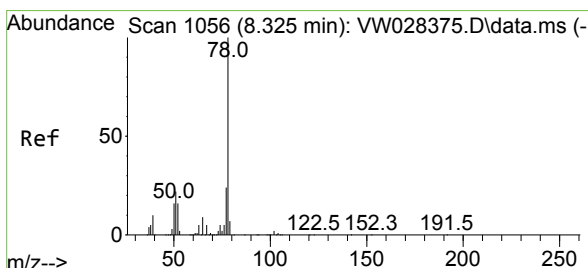
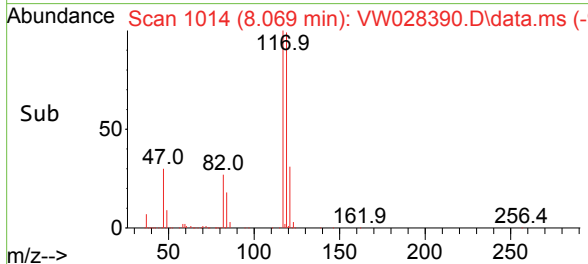
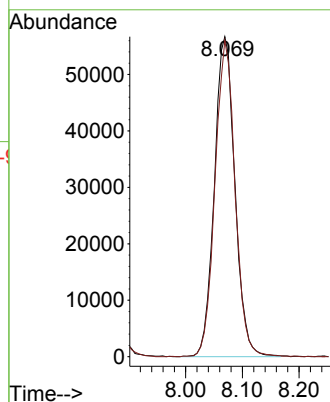
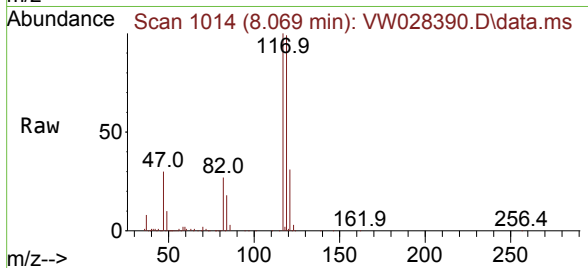




#31
Carbon tetrachloride
Concen: 25.381 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

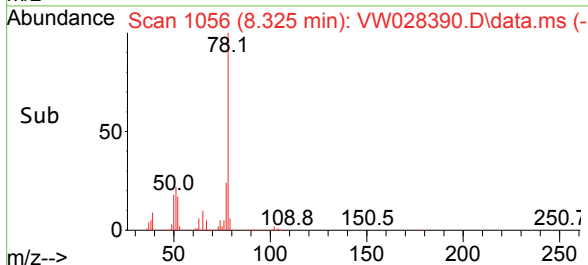
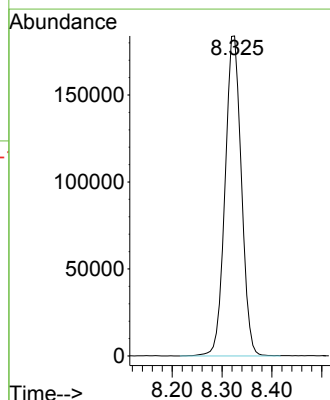
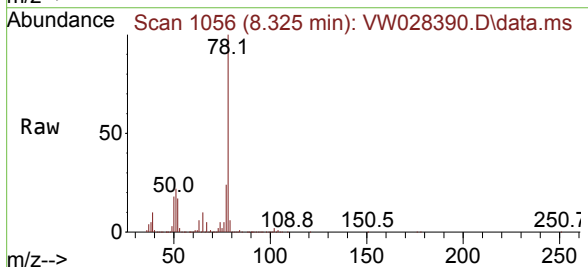
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

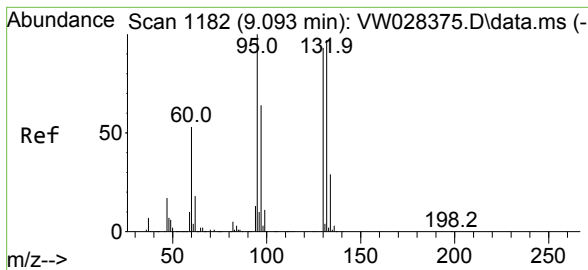
Tgt Ion:117 Resp: 142602
Ion Ratio Lower Upper
117 100
119 96.5 77.4 116.2



#33
Benzene
Concen: 25.581 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

Tgt Ion: 78 Resp: 417834

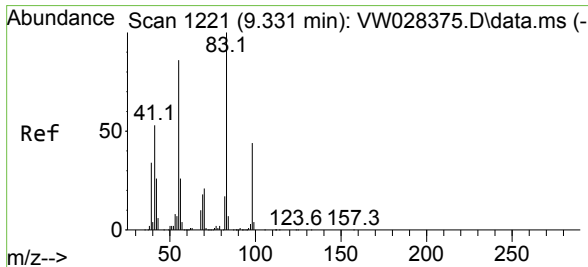
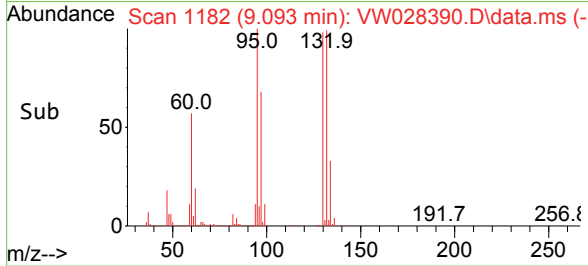
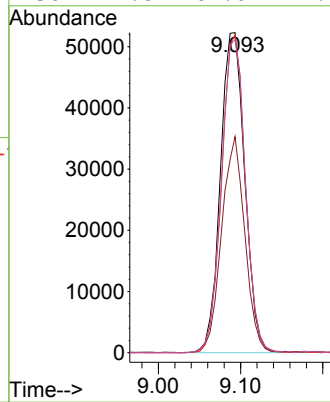
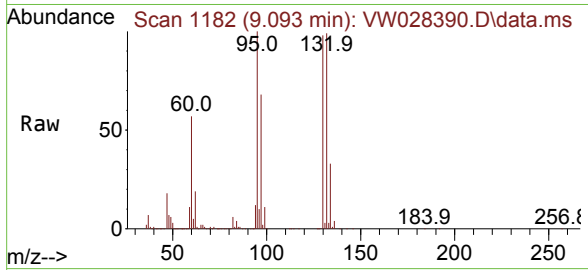




#34
Trichloroethene
Concen: 24.297 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

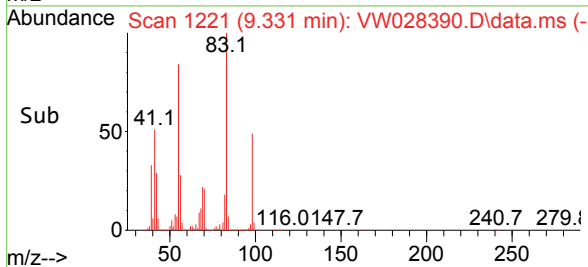
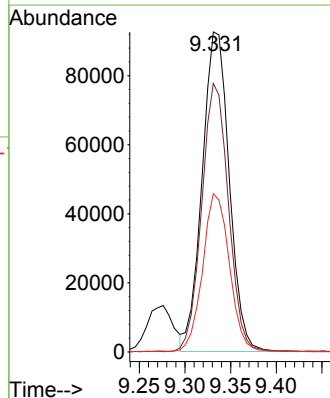
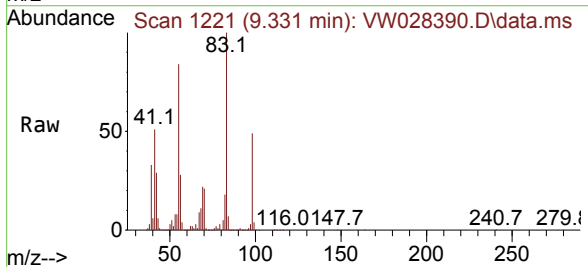
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

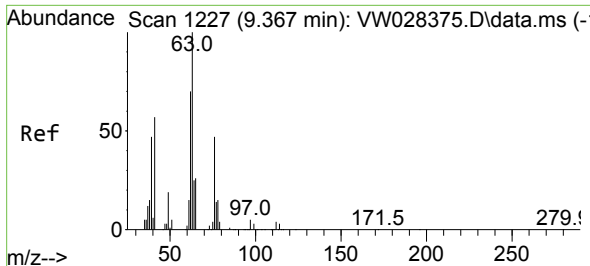
Tgt Ion: 95 Resp: 107553
Ion Ratio Lower Upper
95 100
97 67.5 43.8 81.4
132 99.3 66.1 122.8
130 97.8 67.0 124.4



#35
Methylcyclohexane
Concen: 25.278 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

Tgt Ion: 83 Resp: 190936
Ion Ratio Lower Upper
83 100
55 83.0 65.7 98.5
98 49.2 38.6 58.0

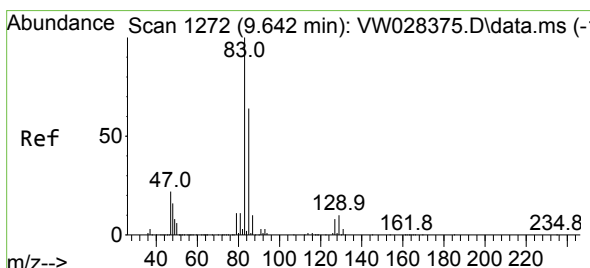
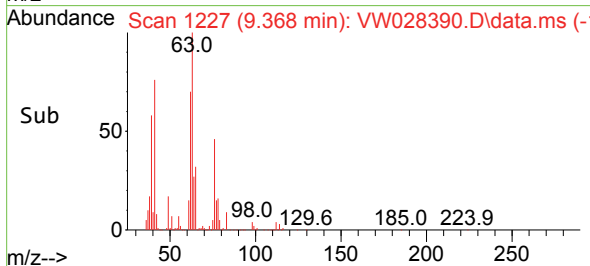
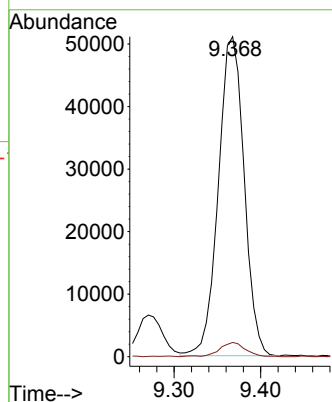
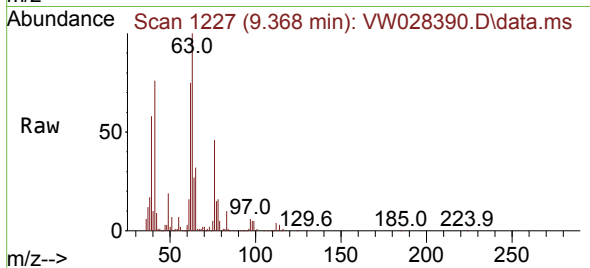




#37
1,2-Dichloropropane
Concen: 24.783 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

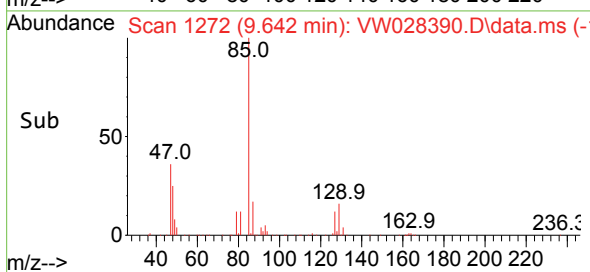
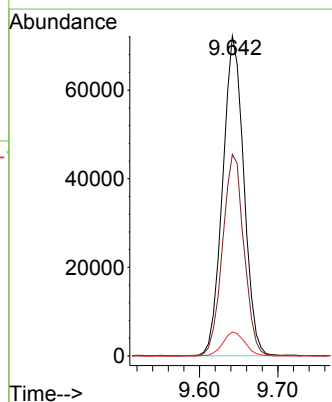
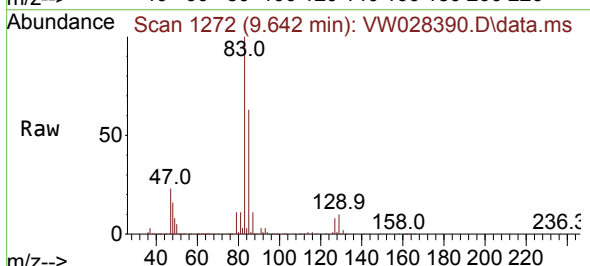
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

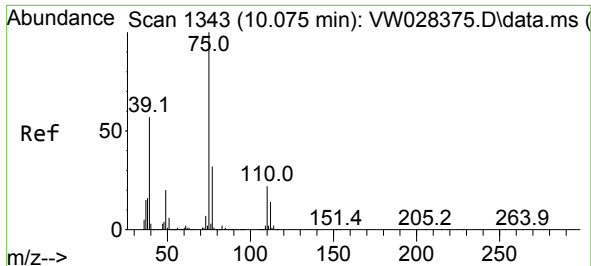
Tgt Ion: 63 Resp: 105505
Ion Ratio Lower Upper
63 100
112 4.3 3.6 5.4



#38
Bromodichloromethane
Concen: 25.663 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

Tgt Ion: 83 Resp: 135417
Ion Ratio Lower Upper
83 100
85 63.0 43.1 80.1
127 7.5 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 26.294 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW028390.D

Acq: 11 Apr 2024 09:18

Instrument :

MSVOA_W

ClientSampleId :

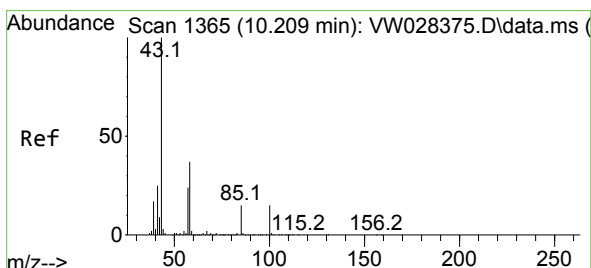
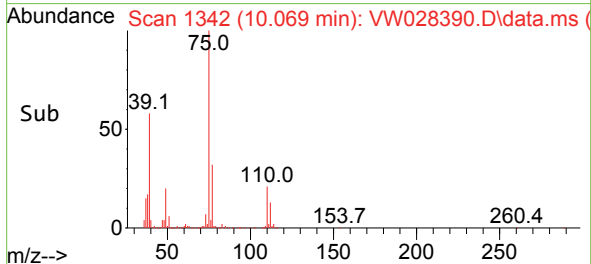
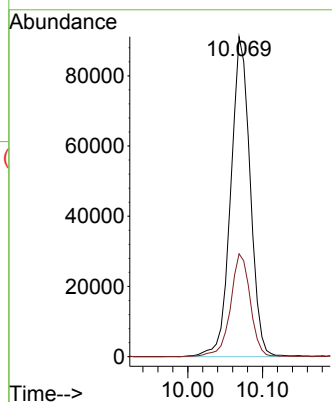
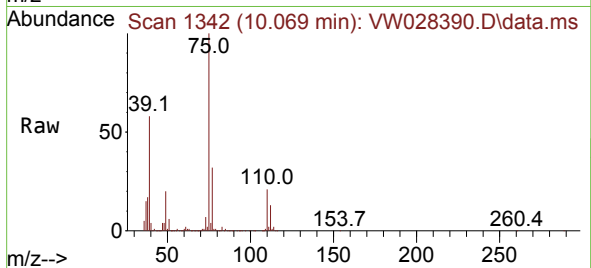
VSTD025546

Tgt Ion: 75 Resp: 164151

Ion Ratio Lower Upper

75 100

77 32.2 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 60.019 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028390.D

Acq: 11 Apr 2024 09:18

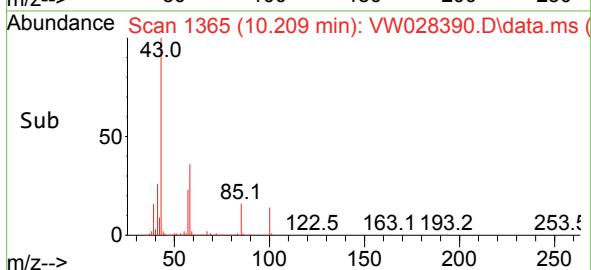
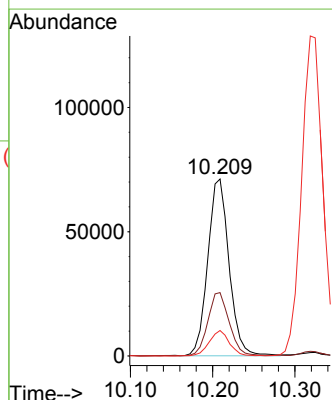
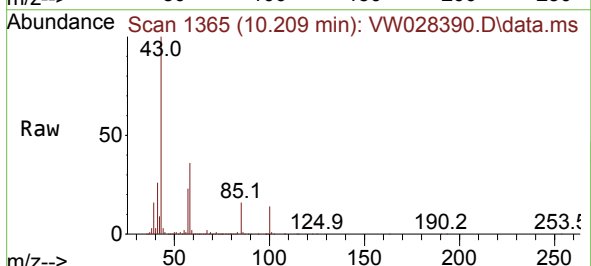
Tgt Ion: 43 Resp: 127908

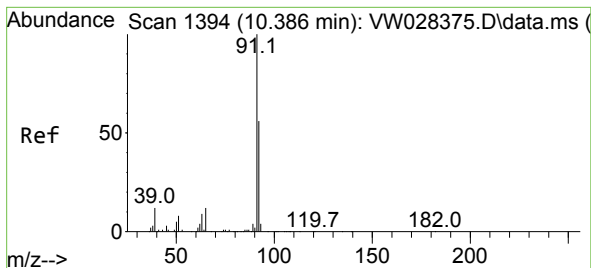
Ion Ratio Lower Upper

43 100

58 36.0 28.6 43.0

100 13.4 10.6 16.0





#42

Toluene

Concen: 25.390 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028390.D

Acq: 11 Apr 2024 09:18

Instrument :

MSVOA_W

ClientSampleId :

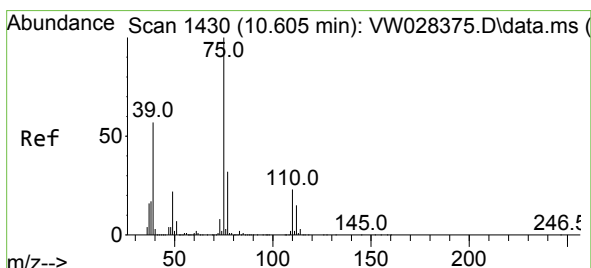
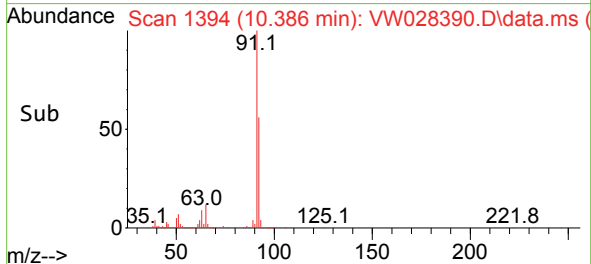
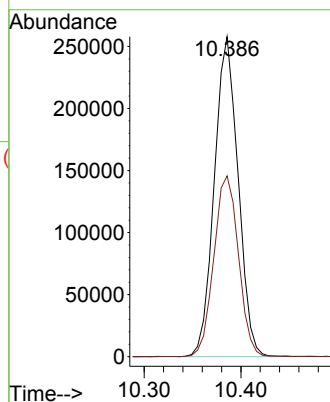
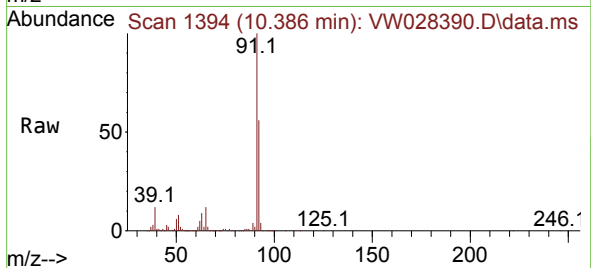
VSTD025546

Tgt Ion: 91 Resp: 439343

Ion Ratio Lower Upper

91 100

92 56.5 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 26.868 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028390.D

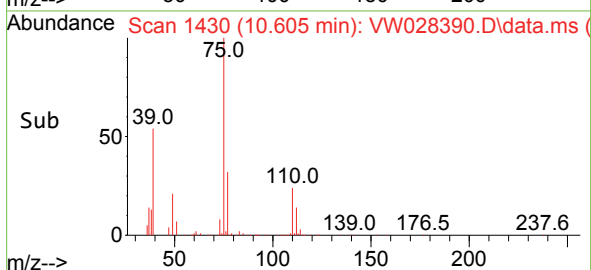
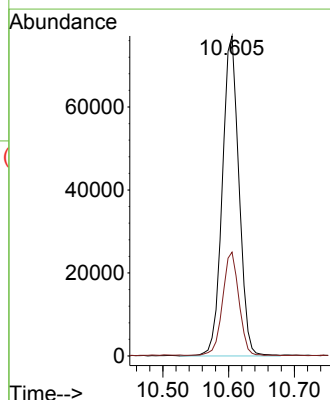
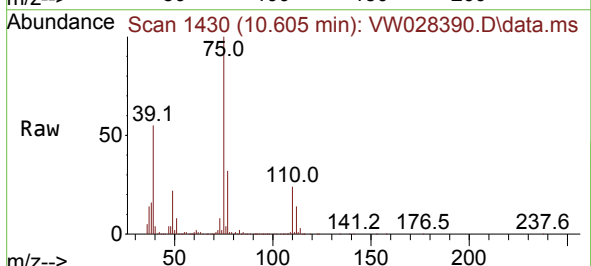
Acq: 11 Apr 2024 09:18

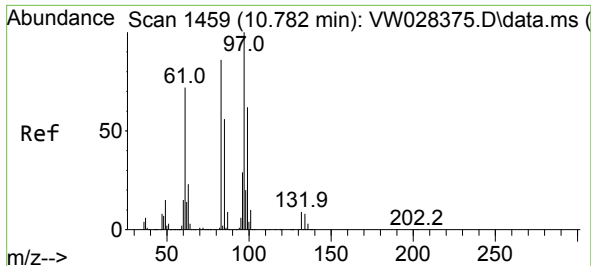
Tgt Ion: 75 Resp: 135697

Ion Ratio Lower Upper

75 100

77 32.5 22.6 42.0

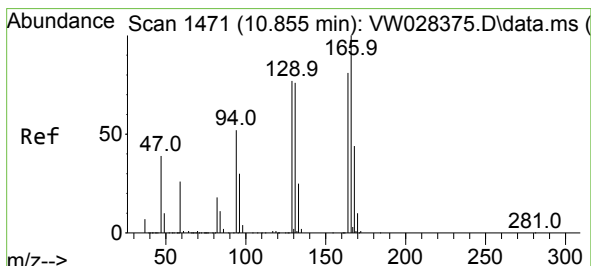
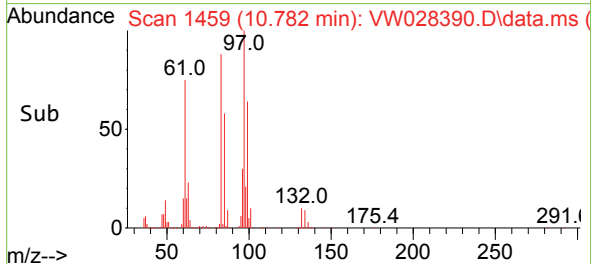
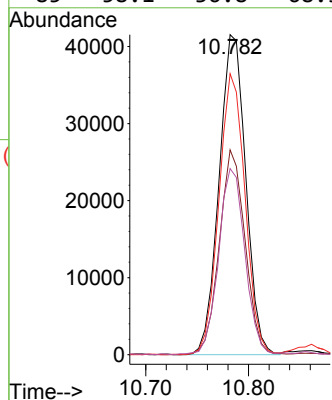
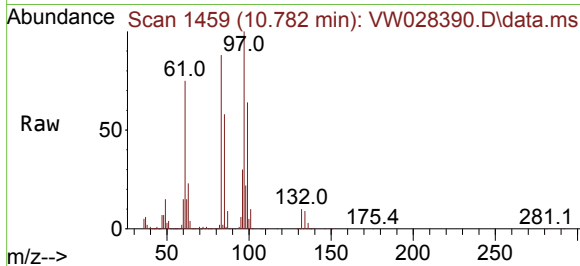




#45
1,1,2-Trichloroethane
Concen: 26.004 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

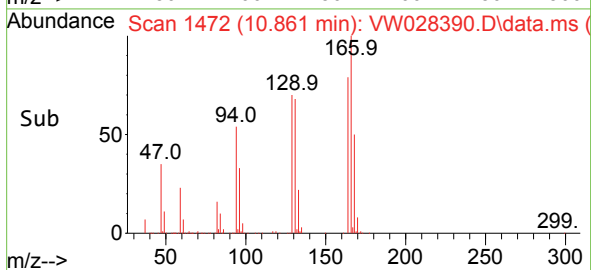
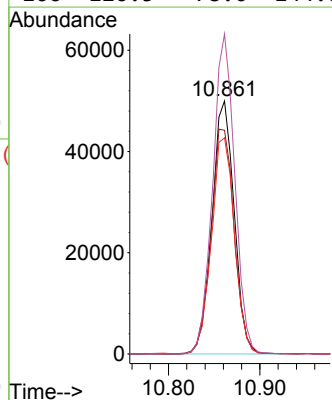
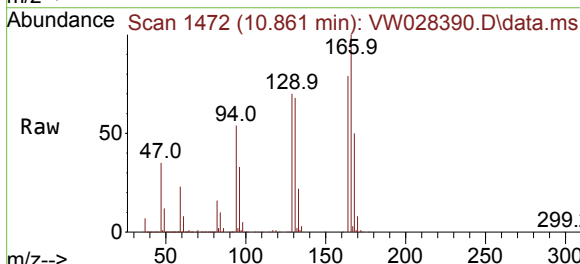
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

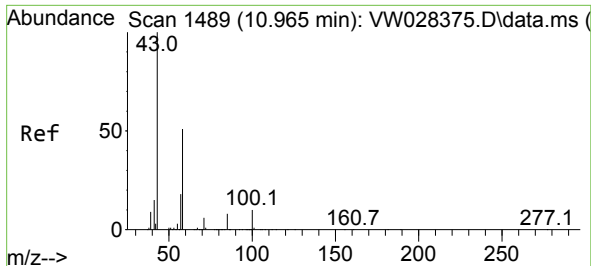
Tgt Ion: 97	Resp: 74897
Ion Ratio	Lower Upper
97 100	
99 64.0	44.2 82.2
83 87.8	56.4 104.7
85 58.1	36.8 68.3



#46
Tetrachloroethene
Concen: 25.512 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

Tgt Ion:164	Resp: 84352
Ion Ratio	Lower Upper
164 100	
129 88.4	59.7 110.9
131 85.5	58.2 108.2
166 126.5	78.0 144.8

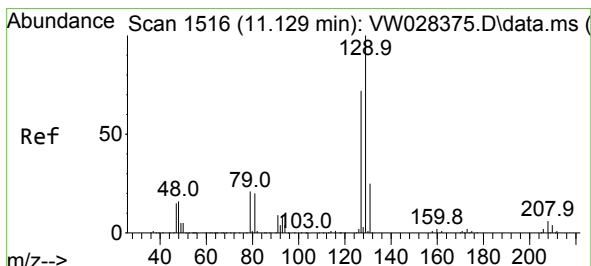
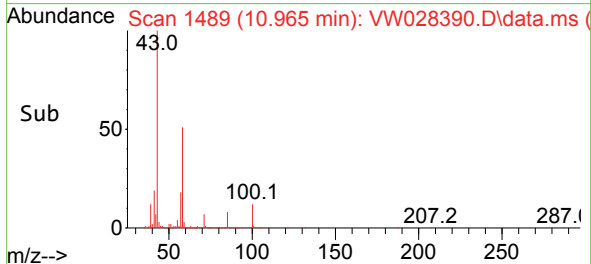
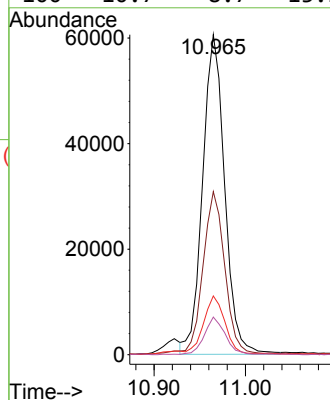
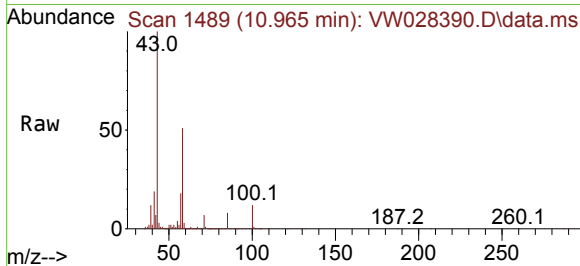




#48
2-Hexanone
Concen: 59.998 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

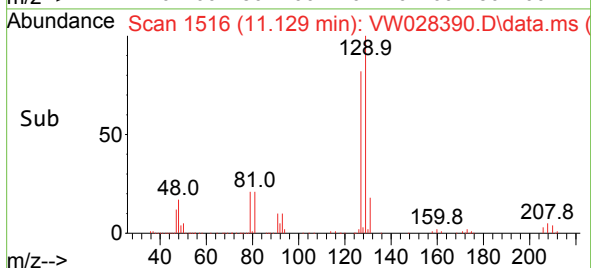
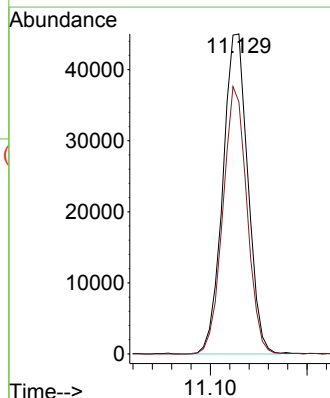
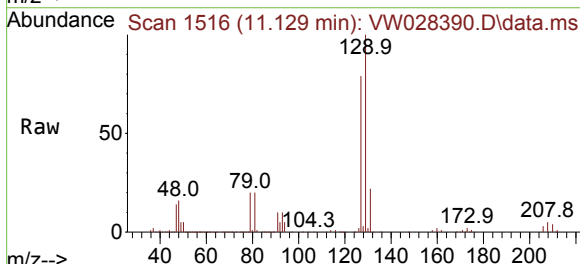
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

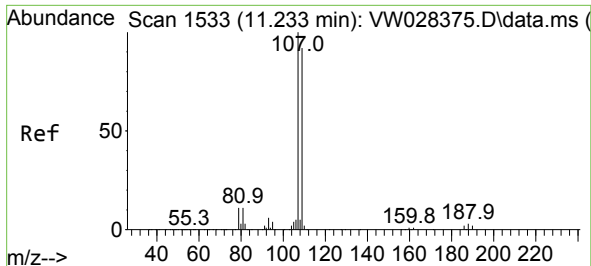
Tgt Ion:	43	Resp:	101494
Ion	Ratio	Lower	Upper
43	100		
58	49.1	38.9	58.3
57	17.6	14.4	21.6
100	10.7	8.7	13.1



#49
Dibromochloromethane
Concen: 26.236 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

Tgt Ion:	129	Resp:	80764
Ion	Ratio	Lower	Upper
129	100		
127	78.7	53.0	98.4

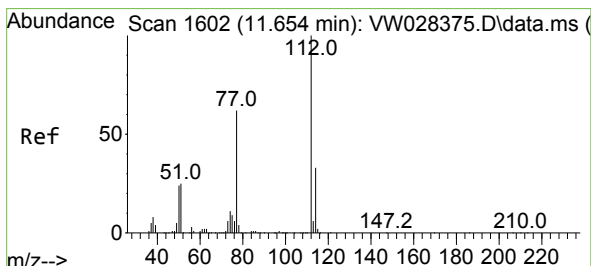
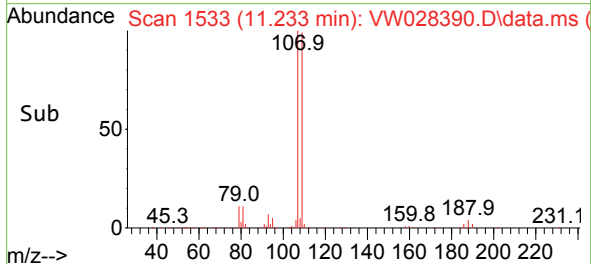
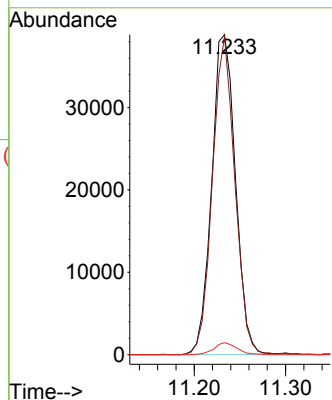
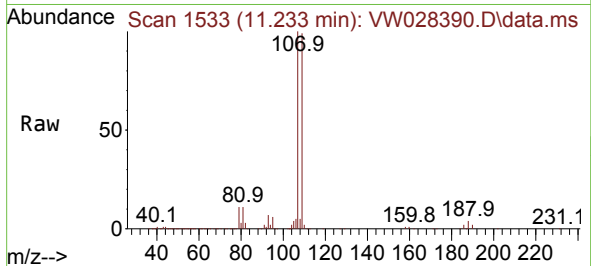




#50
1,2-Dibromoethane
Concen: 26.698 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

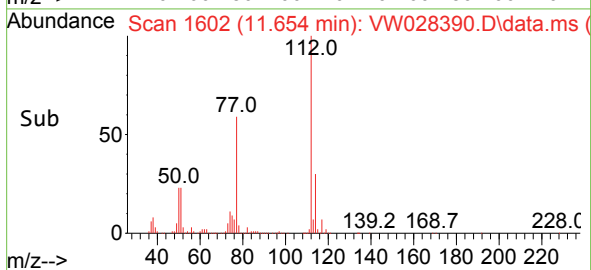
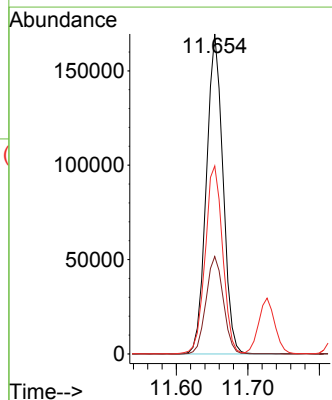
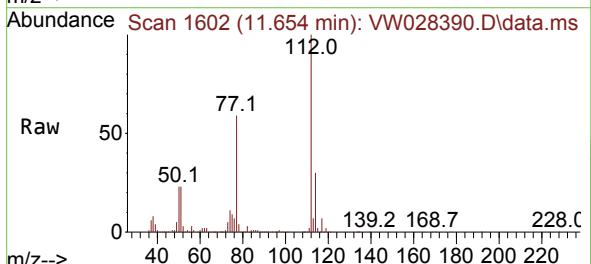
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

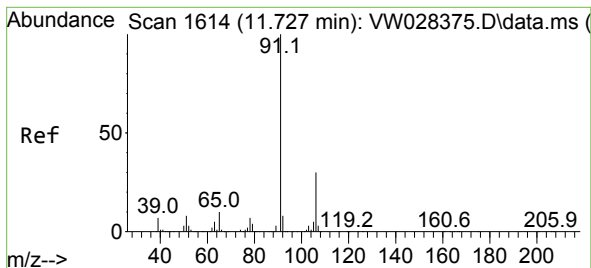
Tgt Ion:107 Resp: 70183
Ion Ratio Lower Upper
107 100
109 99.4 62.1 115.3
188 3.7 3.2 4.8



#51
Chlorobenzene
Concen: 25.422 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

Tgt Ion:112 Resp: 273438
Ion Ratio Lower Upper
112 100
114 30.5 22.3 41.3
77 58.8 51.8 77.8

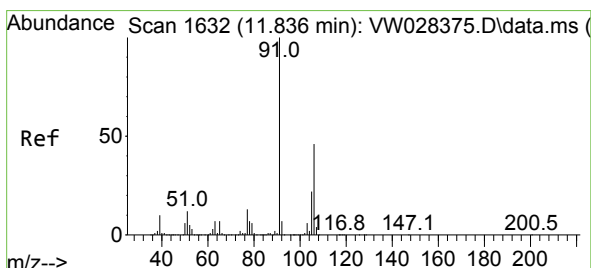
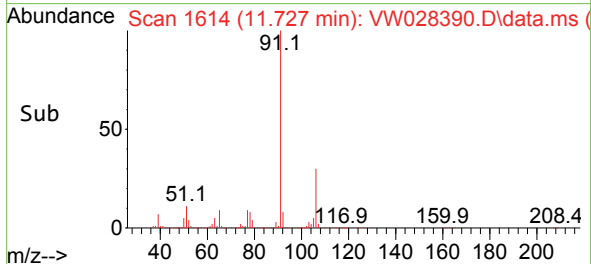
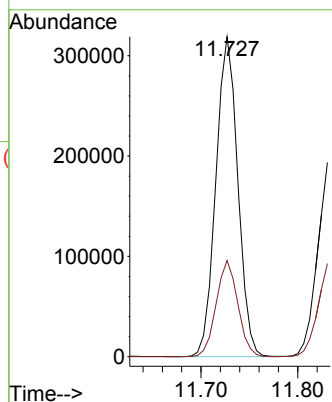
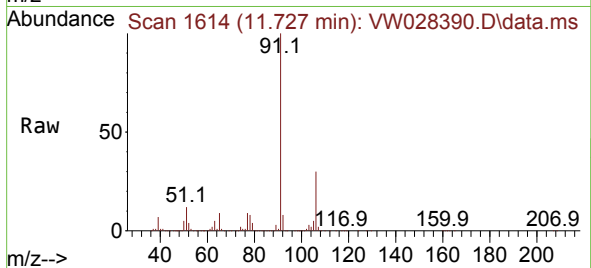




#52
Ethylbenzene
Concen: 25.610 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

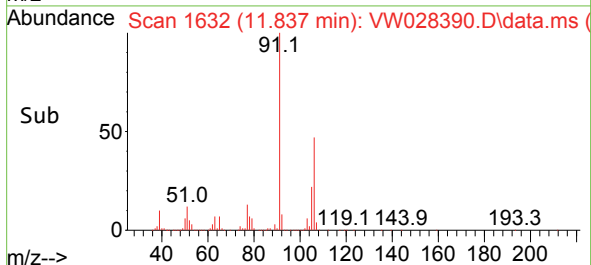
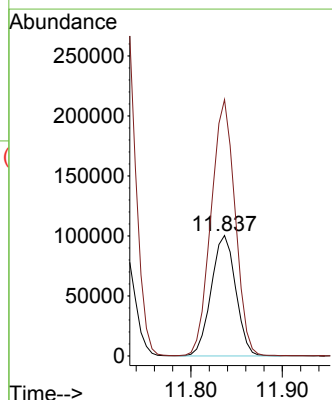
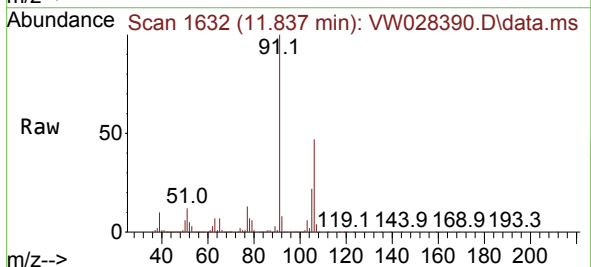
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

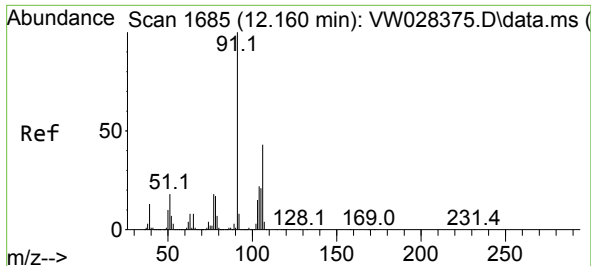
Tgt Ion: 91 Resp: 502345
Ion Ratio Lower Upper
91 100
106 30.1 21.2 39.4



#53
m,p-Xylene
Concen: 25.647 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

Tgt Ion:106 Resp: 187086
Ion Ratio Lower Upper
106 100
91 212.8 152.4 283.0

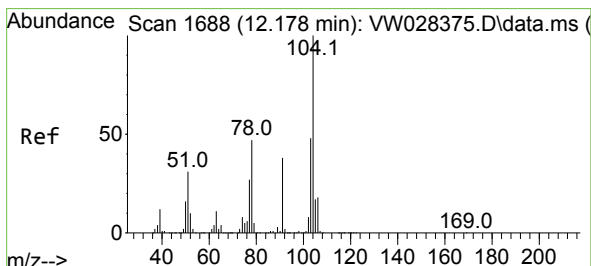
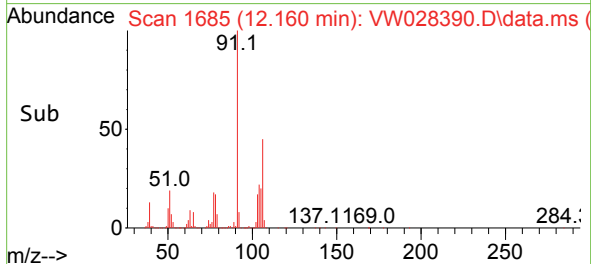
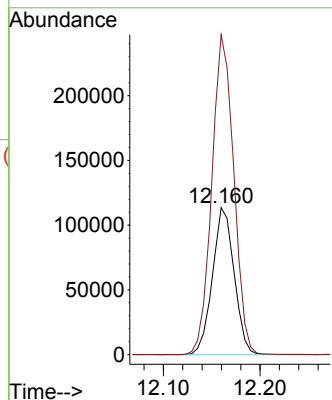
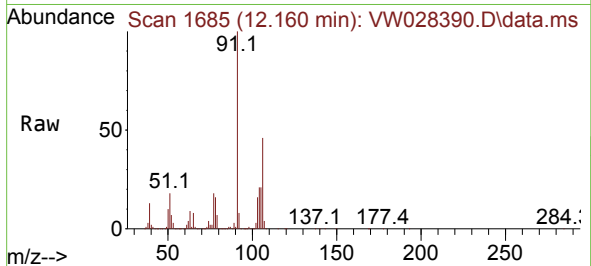




#54
o-Xylene
Concen: 26.010 ug/L
RT: 12.160 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

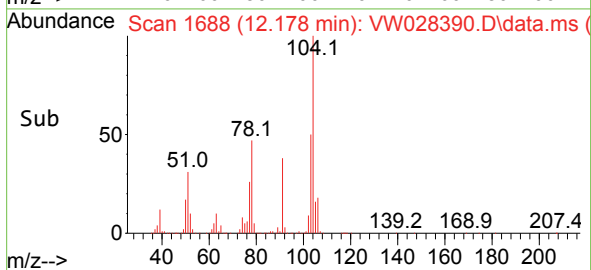
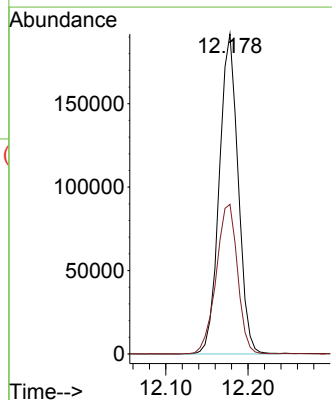
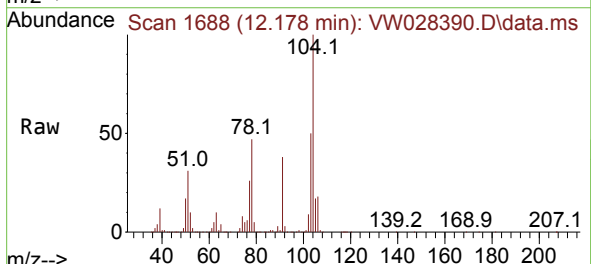
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

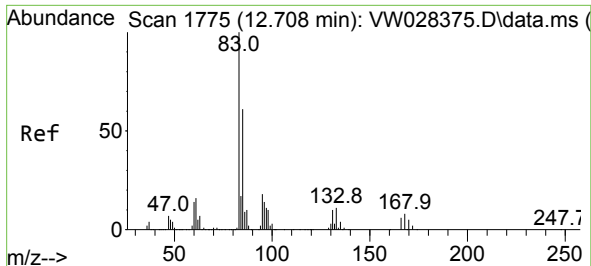
Tgt Ion:106 Resp: 176661
Ion Ratio Lower Upper
106 100
91 217.7 152.9 283.9



#55
Styrene
Concen: 26.450 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

Tgt Ion:104 Resp: 305762
Ion Ratio Lower Upper
104 100
78 46.7 33.8 62.8





#57

1,1,2-Tetrachloroethane

Concen: 27.375 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028390.D

Acq: 11 Apr 2024 09:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

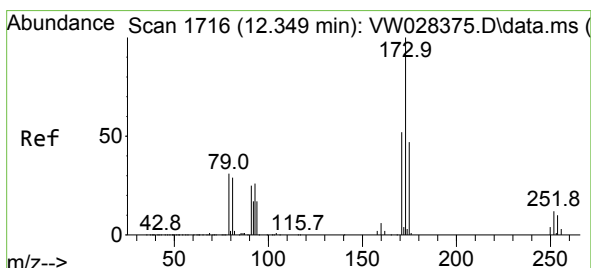
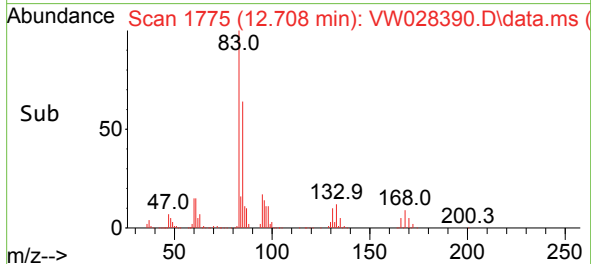
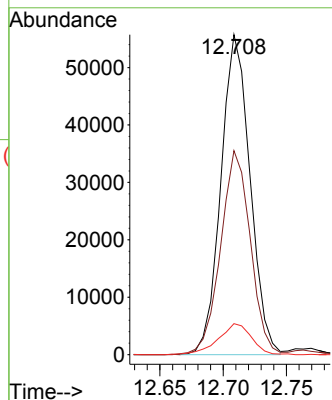
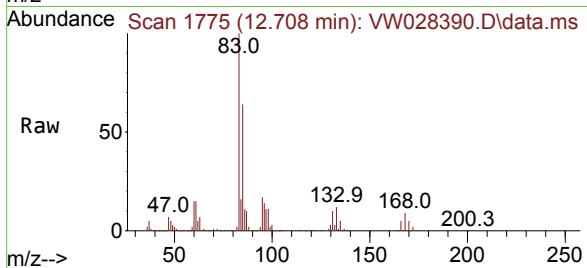
Tgt Ion: 83 Resp: 89228

Ion Ratio Lower Upper

83 100

85 63.8 43.4 80.6

131 9.7 8.0 12.0



#59

Bromoform

Concen: 25.689 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW028390.D

Acq: 11 Apr 2024 09:18

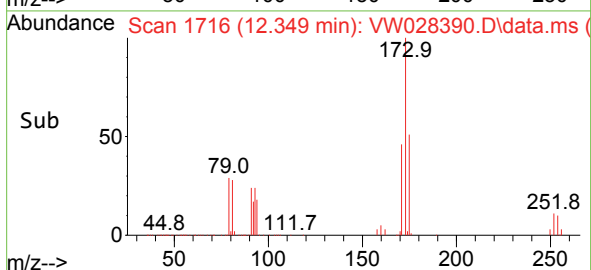
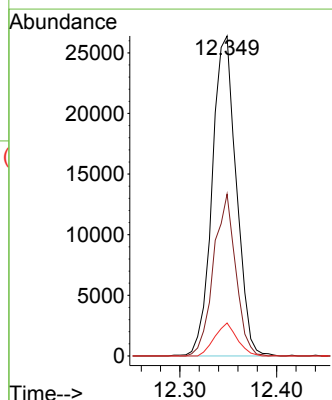
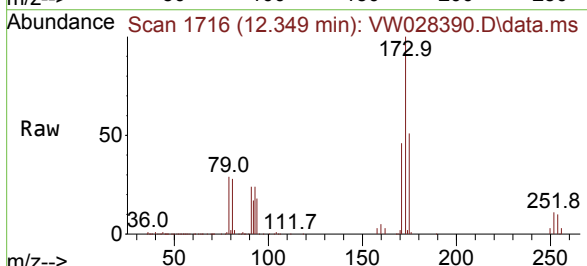
Tgt Ion:173 Resp: 45658

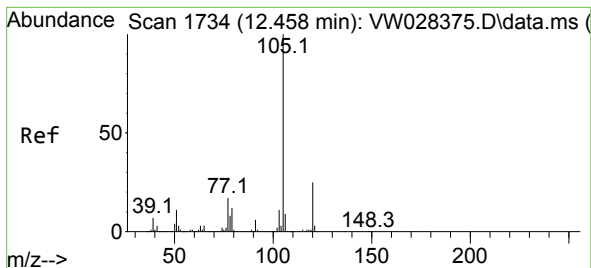
Ion Ratio Lower Upper

173 100

175 46.5 39.2 58.8

254 9.6 8.3 12.5





#60

Isopropylbenzene

Concen: 24.754 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028390.D

Acq: 11 Apr 2024 09:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

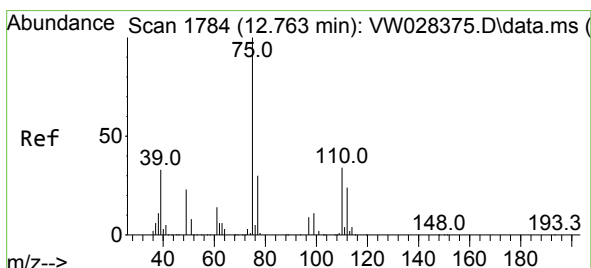
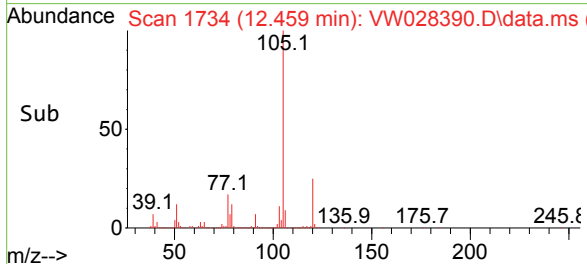
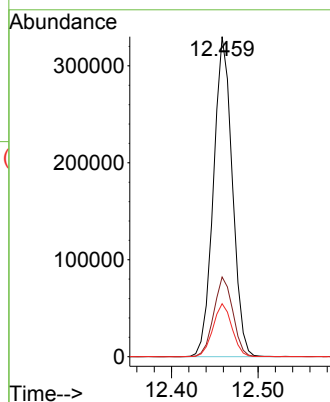
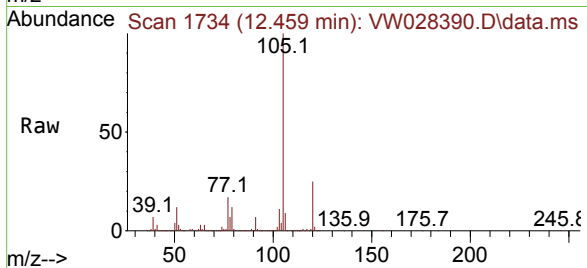
Tgt Ion:105 Resp: 499683

Ion Ratio Lower Upper

105 100

120 25.2 20.8 31.2

77 16.6 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 26.193 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028390.D

Acq: 11 Apr 2024 09:18

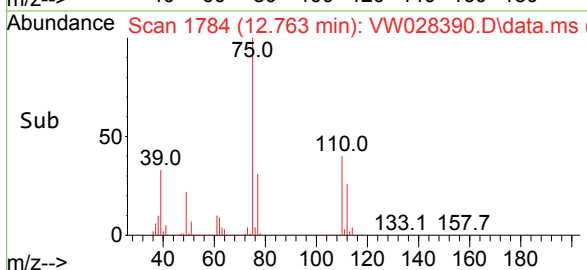
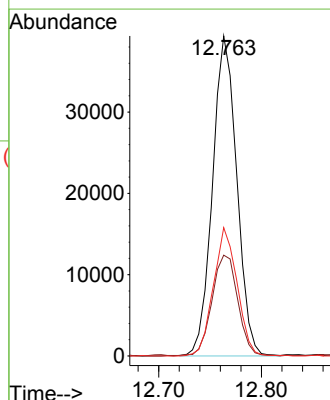
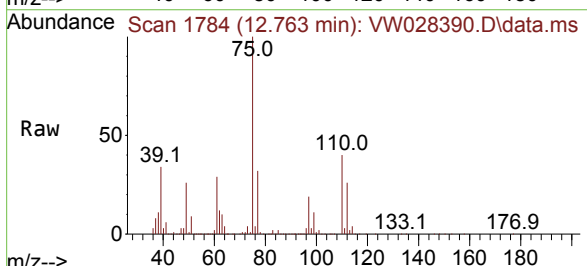
Tgt Ion: 75 Resp: 64480

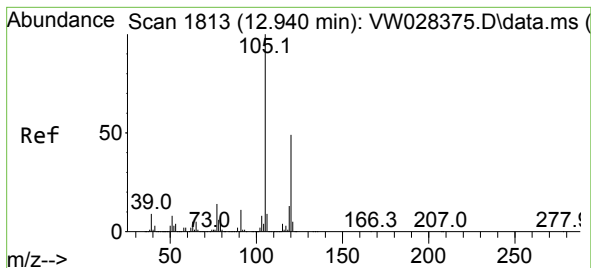
Ion Ratio Lower Upper

75 100

77 33.6 26.1 39.1

110 39.2 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 24.835 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028390.D

Acq: 11 Apr 2024 09:18

Instrument :

MSVOA_W

ClientSampleId :

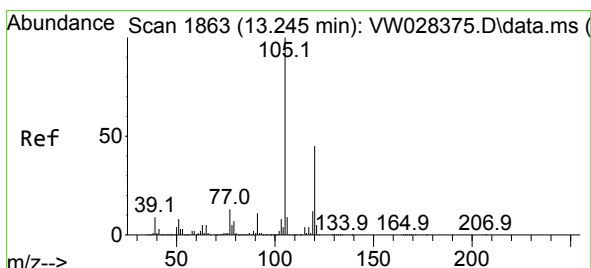
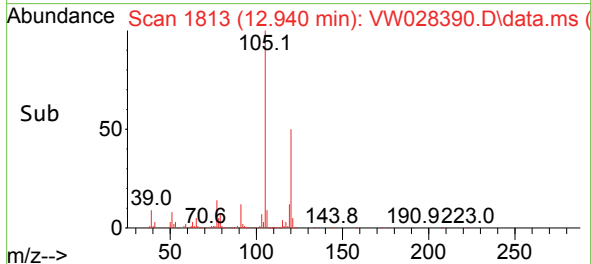
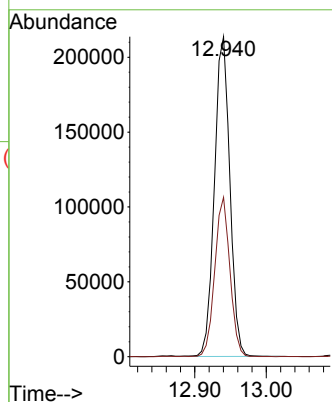
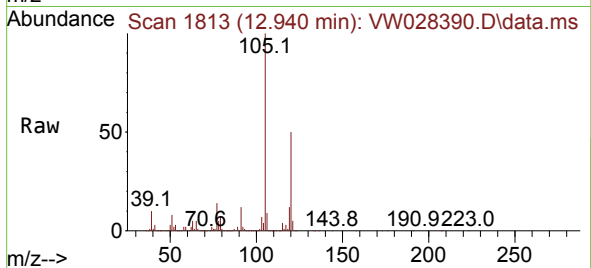
VSTD025546

Tgt Ion:105 Resp: 319520

Ion Ratio Lower Upper

105 100

120 48.9 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 25.366 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028390.D

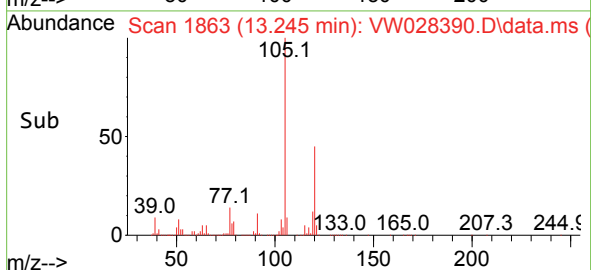
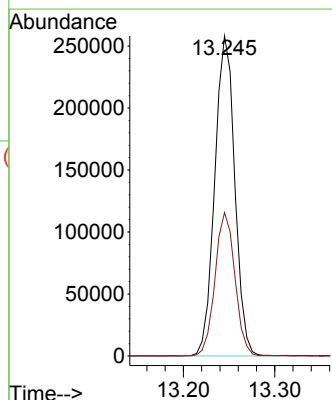
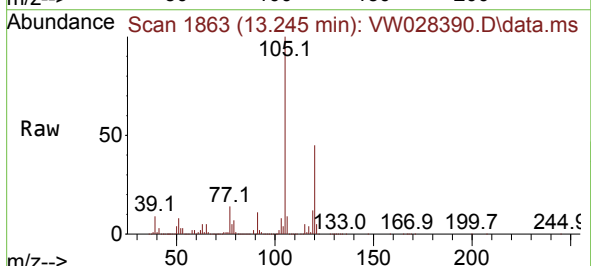
Acq: 11 Apr 2024 09:18

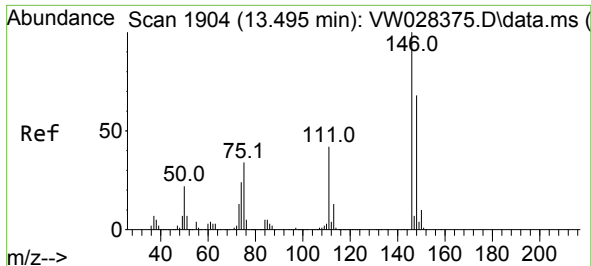
Tgt Ion:105 Resp: 392748

Ion Ratio Lower Upper

105 100

120 44.5 35.4 53.0

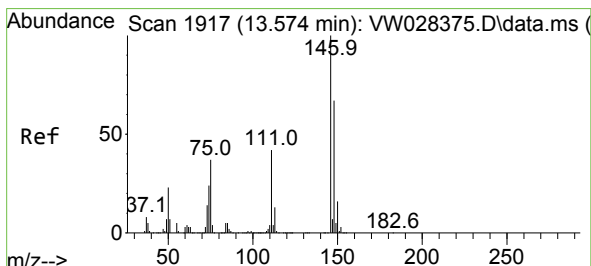
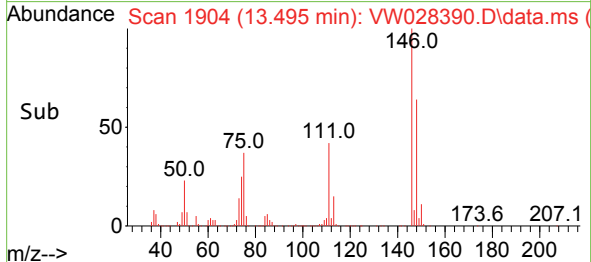
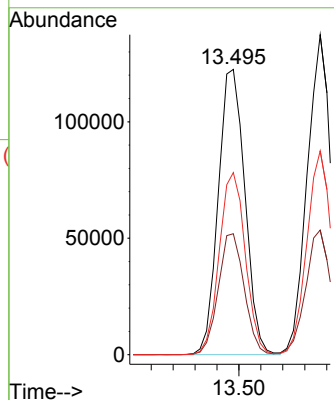
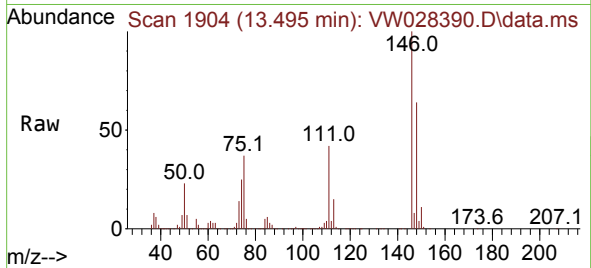




#64
1,3-Dichlorobenzene
Concen: 24.172 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

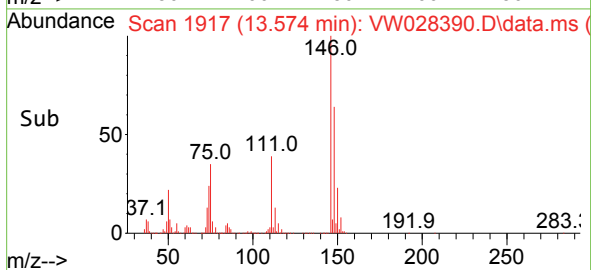
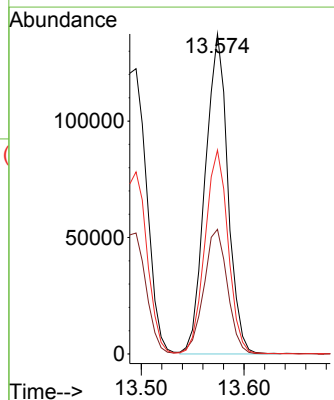
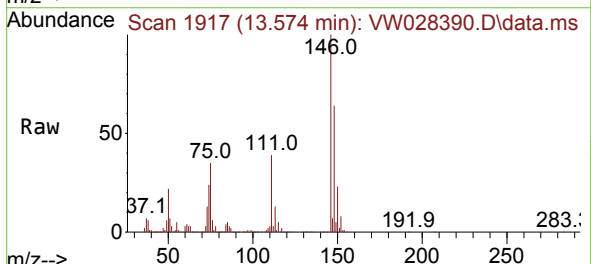
Instrument :
MSVOA_W
ClientSampleId :
VSTD025546

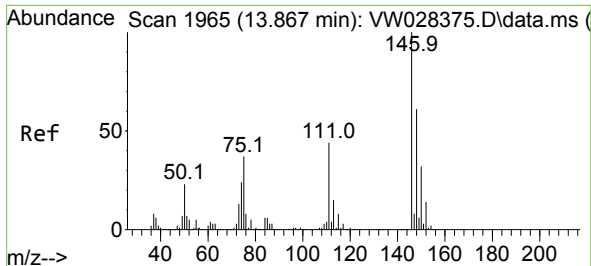
Tgt Ion:146 Resp: 207036
Ion Ratio Lower Upper
146 100
111 42.4 29.8 55.3
148 63.8 47.3 87.8



#65
1,4-Dichlorobenzene
Concen: 24.183 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028390.D
Acq: 11 Apr 2024 09:18

Tgt Ion:146 Resp: 210699
Ion Ratio Lower Upper
146 100
111 39.0 30.3 56.3
148 63.7 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 24.935 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW028390.D

Acq: 11 Apr 2024 09:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

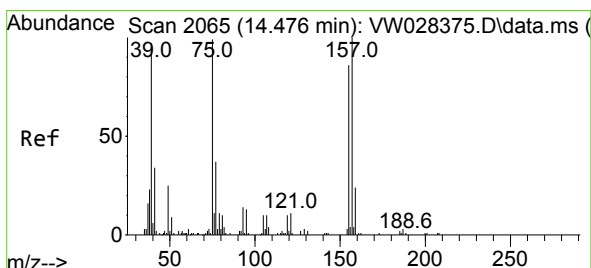
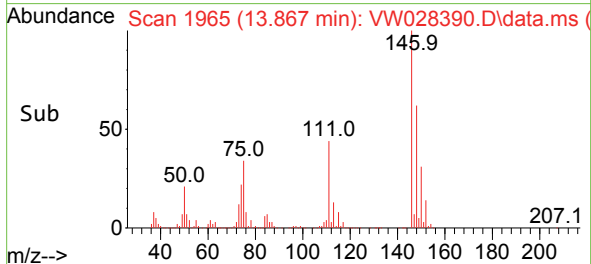
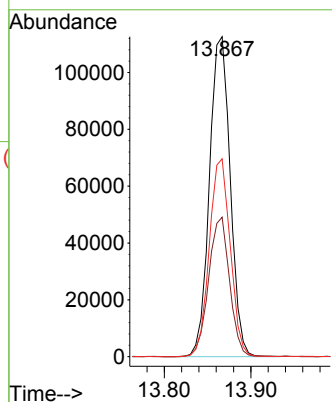
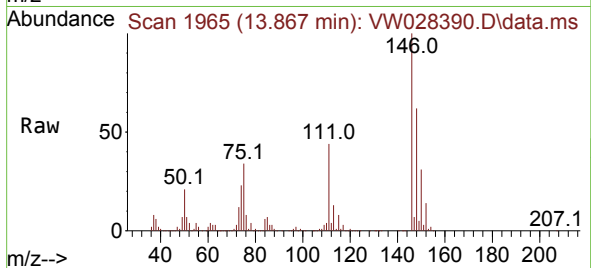
Tgt Ion:146 Resp: 187862

Ion Ratio Lower Upper

146 100

111 43.6 31.4 47.2

148 61.8 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 24.476 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028390.D

Acq: 11 Apr 2024 09:18

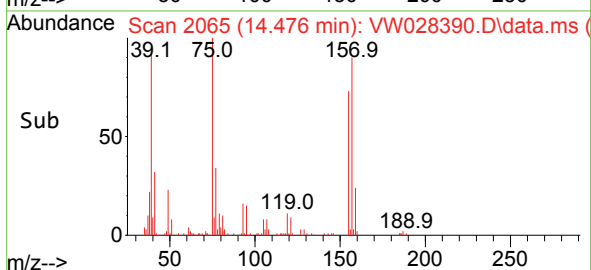
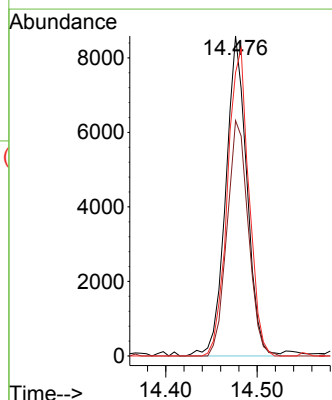
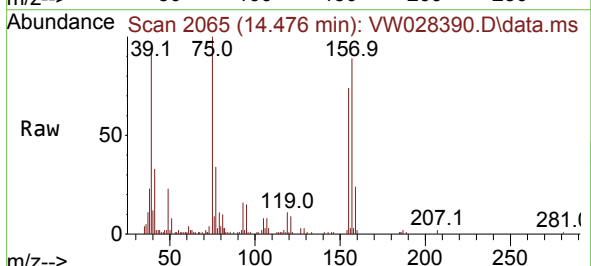
Tgt Ion: 75 Resp: 13807

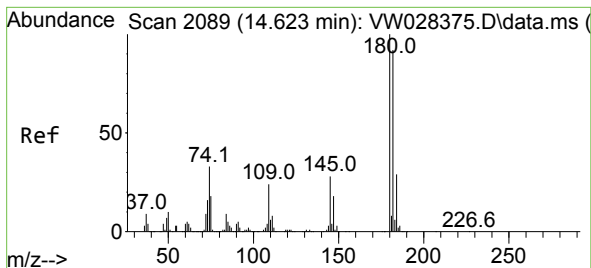
Ion Ratio Lower Upper

75 100

155 73.6 61.2 91.8

157 88.6 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 24.534 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW028390.D

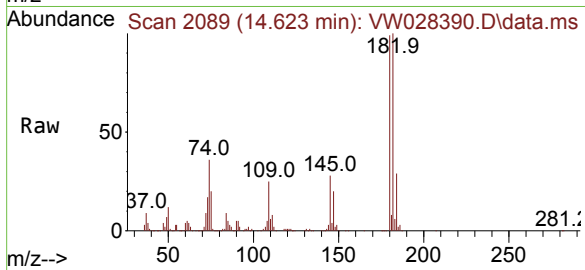
Acq: 11 Apr 2024 09:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546



Tgt Ion:180 Resp: 144603

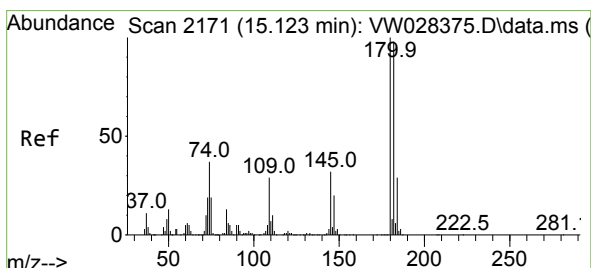
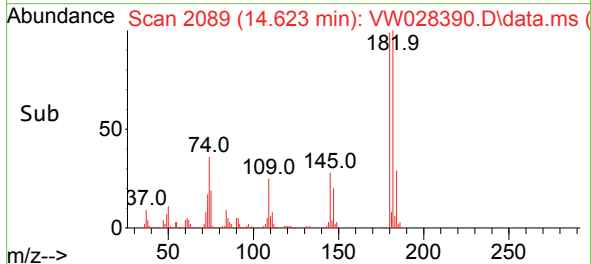
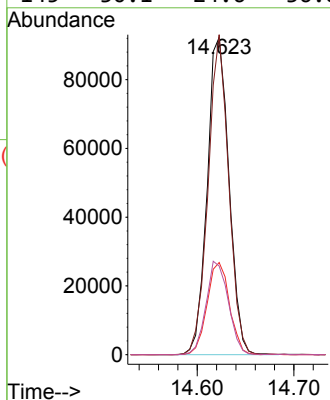
Ion Ratio Lower Upper

180 100

182 95.2 77.4 116.0

184 30.0 24.8 37.2

145 30.1 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 24.475 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028390.D

Acq: 11 Apr 2024 09:18

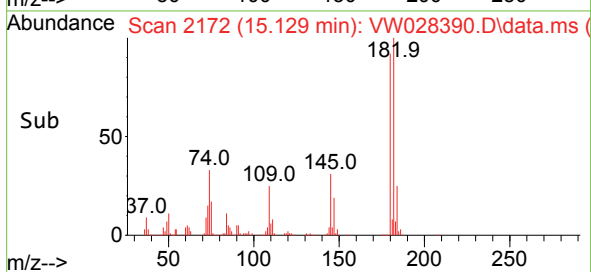
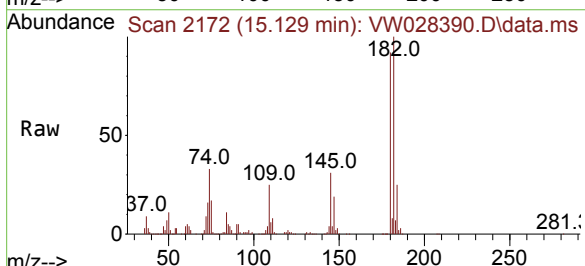
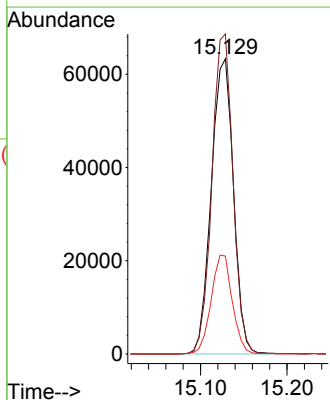
Tgt Ion:180 Resp: 112649

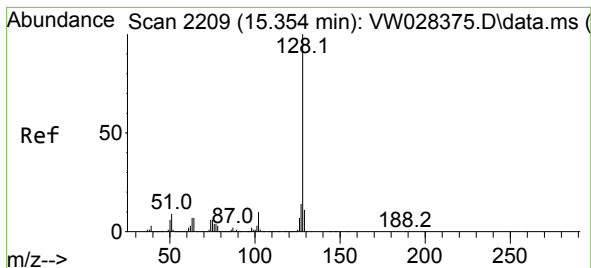
Ion Ratio Lower Upper

180 100

182 102.7 71.5 107.3

145 32.0 23.5 35.3





#71

Naphthalene

Concen: 27.323 ug/L

RT: 15.354 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW028390.D

Acq: 11 Apr 2024 09:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025546

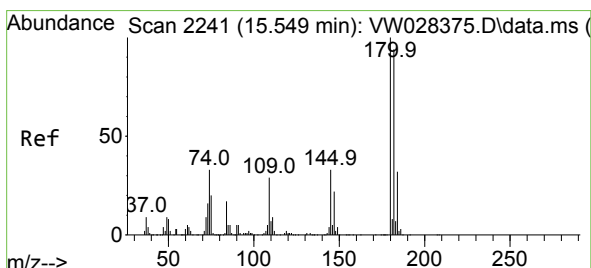
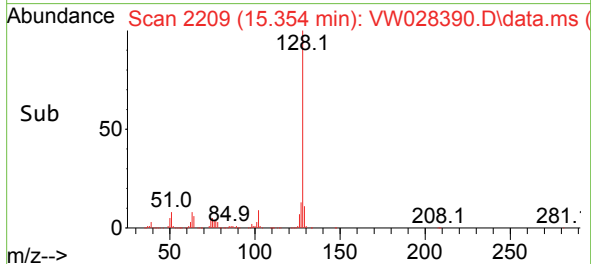
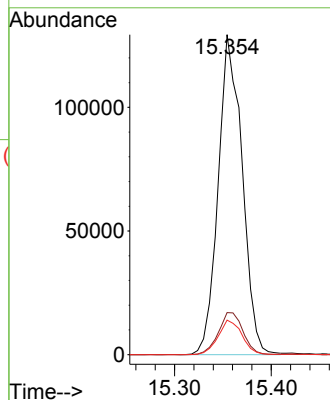
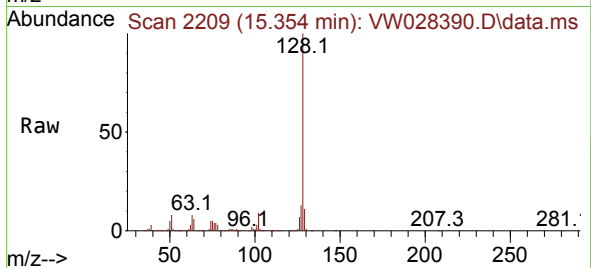
Tgt Ion:128 Resp: 222565

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 24.730 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW028390.D

Acq: 11 Apr 2024 09:18

Tgt Ion:180 Resp: 101001

Ion Ratio Lower Upper

180 100

182 97.4 75.7 113.5

145 33.1 26.2 39.4

