

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073124\
 Data File : VW029819.D
 Acq On : 31 Jul 2024 16:54
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025564

Quant Time: Aug 01 04:46:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 01 04:42:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	223195	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	215088	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	106681	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	53516	16.889	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.560%
7) Chloroethane-d5	2.899	69	46857	20.713	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.840%
11) 1,1-Dichloroethene-d2	4.021	65	28330	19.586	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.360%
21) 2-Butanone-d5	7.075	46	45690	52.610	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.220%
24) Chloroform-d	7.648	84	144829	25.067	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.280%
26) 1,2-Dichloroethane-d4	8.301	65	84473	25.669	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.680%
32) Benzene-d6	8.270	84	266838	22.961	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.840%
36) 1,2-Dichloropropane-d6	9.270	67	89733	24.181	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.720%
41) Toluene-d8	10.319	98	241825	23.402	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	10.575	79	34646	23.073	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.280%
47) 2-Hexanone-d5	10.922	63	32235	52.681	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.360%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	75229	27.303	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	13.848	152	82154	24.801	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	71553	23.783	ug/L	93
3) Chloromethane	2.222	50	95256	25.587	ug/L	99
5) Vinyl chloride	2.375	62	102327	24.531	ug/L	97
6) Bromomethane	2.789	94	58618	25.591	ug/L	99
8) Chloroethane	2.936	64	60836	25.637	ug/L	96
9) Trichlorofluoromethane	3.265	101	76868	23.070	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	75456	22.738	ug/L	92
12) 1,1-Dichloroethene	4.045	96	78817	25.849	ug/L	96
13) Acetone	4.118	43	44801	41.510	ug/L	97
14) Carbon disulfide	4.393	76	249369	24.575	ug/L	100
15) Methyl Acetate	4.667	43	51477	28.635	ug/L	98
16) Methylene chloride	4.923	84	105848	22.685	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	86737	26.398	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	146112	26.981	ug/L	97
19) 1,1-Dichloroethane	6.216	63	185544	26.774	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	95402	26.767	ug/L	97
22) 2-Butanone	7.167	43	66716	48.243	ug/L	100
23) Bromochloromethane	7.514	128	41173	27.211	ug/L	90
25) Chloroform	7.673	83	181332	27.773	ug/L	97

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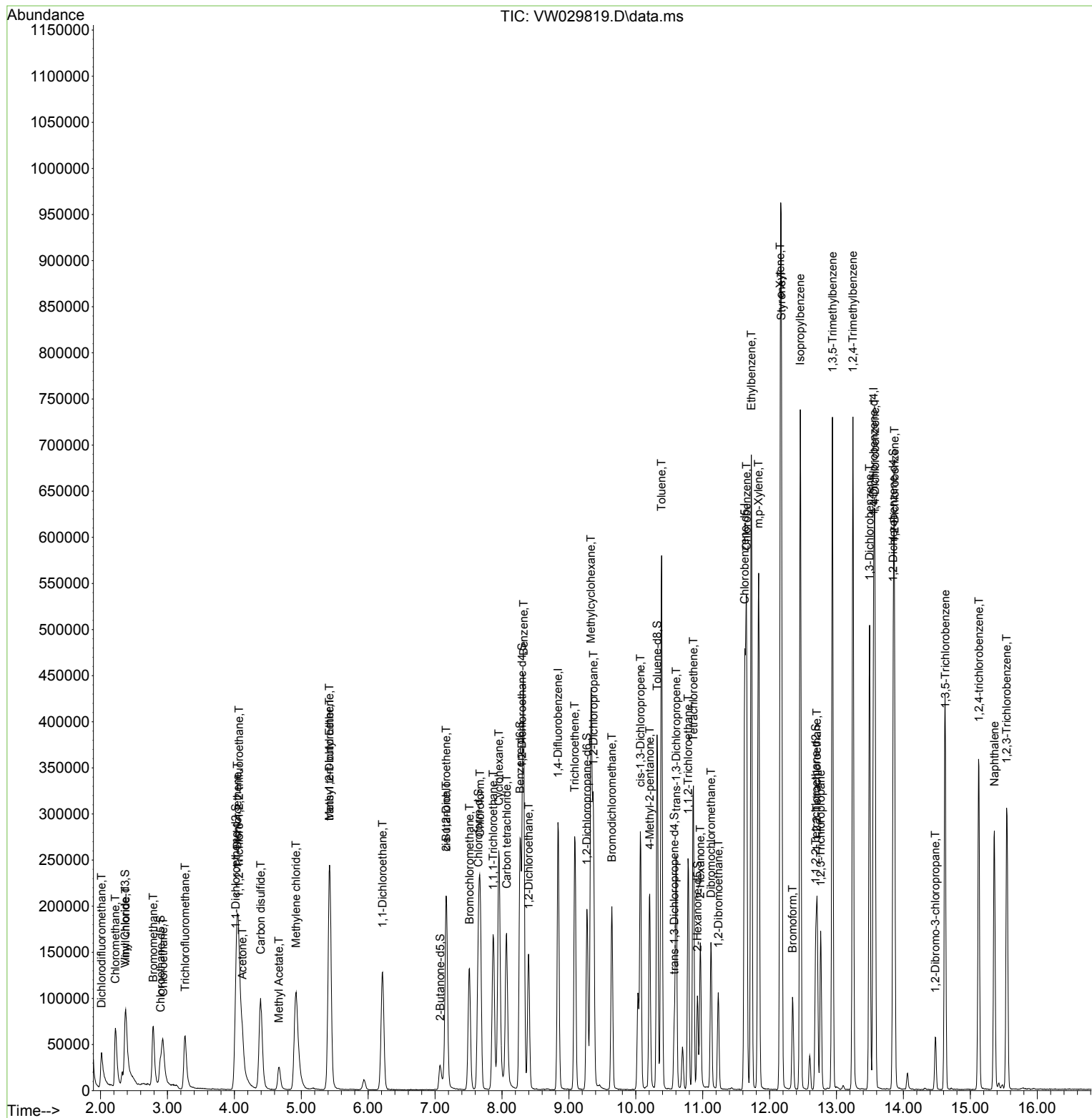
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	134756	28.320	ug/L	100
29) Cyclohexane	7.953	56	151906	24.852	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	137138	25.178	ug/L	97
31) Carbon tetrachloride	8.069	117	125520	25.575	ug/L	97
33) Benzene	8.325	78	385795	26.178	ug/L	100
34) Trichloroethene	9.087	95	97034	25.117	ug/L	97
35) Methylcyclohexane	9.331	83	161399	25.072	ug/L	96
37) 1,2-Dichloropropane	9.367	63	109045	27.001	ug/L	99
38) Bromodichloromethane	9.642	83	128773	26.776	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	157119	26.714	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	145342	56.658	ug/L	100
42) Toluene	10.386	91	396811	26.379	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	132342	27.105	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	74047	27.292	ug/L	92
46) Tetrachloroethene	10.861	164	68282	24.317	ug/L	89
48) 2-Hexanone	10.965	43	102358	53.277	ug/L	100
49) Dibromochloromethane	11.123	129	77914	27.663	ug/L	89
50) 1,2-Dibromoethane	11.233	107	68727	27.377	ug/L	96
51) Chlorobenzene	11.654	112	249074	26.619	ug/L	99
52) Ethylbenzene	11.727	91	452893	26.690	ug/L	96
53) m,p-Xylene	11.837	106	165923	26.588	ug/L	90
54) o-Xylene	12.160	106	160036	27.848	ug/L	99
55) Styrene	12.178	104	282731	28.383	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	92031	27.637	ug/L	100
59) Bromoform	12.343	173	43642	27.187	ug/L	98
60) Isopropylbenzene	12.458	105	440391	26.677	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	69674	26.853	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	357734	29.154	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	365699	27.868	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	182608	25.927	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	190354	26.311	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	168654	26.301	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	15076	25.590	ug/L	97
69) 1,3,5-Trichlorobenzene	14.629	180	119175	24.731	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	105369	25.954	ug/L	93
71) Naphthalene	15.360	128	221431	28.585	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	94547	25.731	ug/L	93

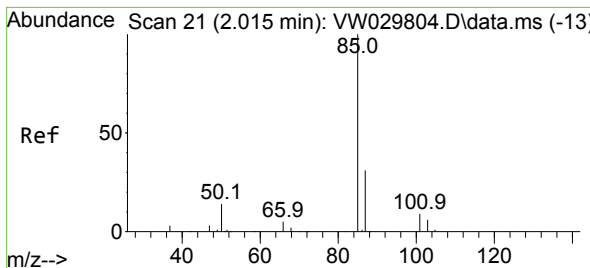
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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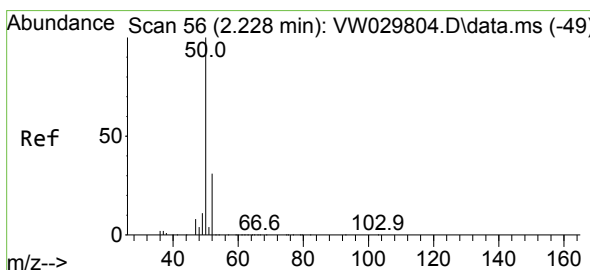
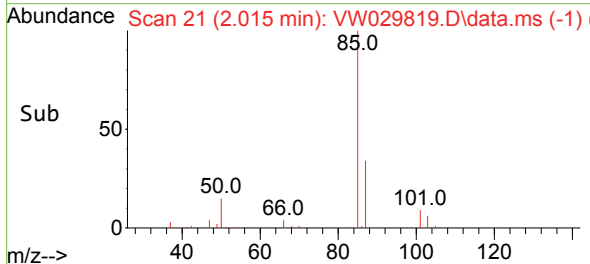
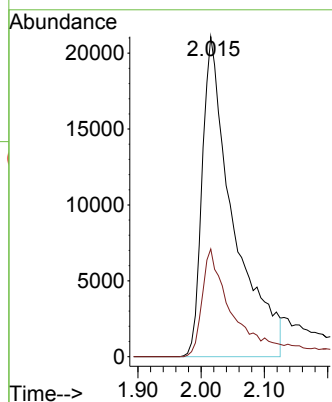
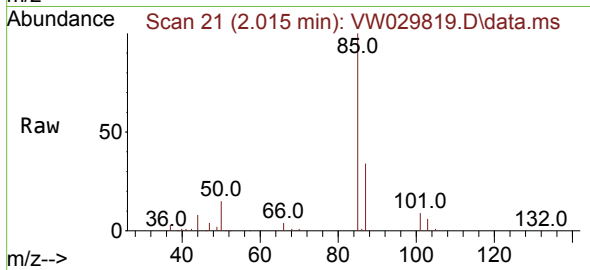




#2
 Dichlorodifluoromethane
 Concen: 23.783 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW029819.D
 Acq: 31 Jul 2024 16:54

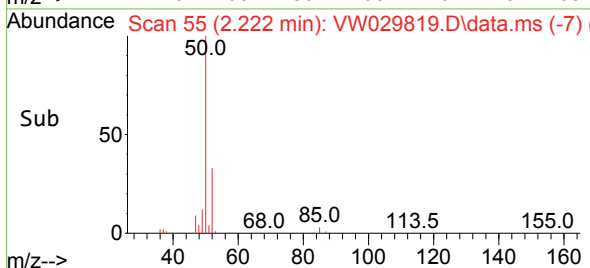
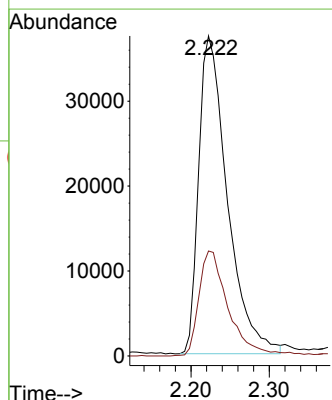
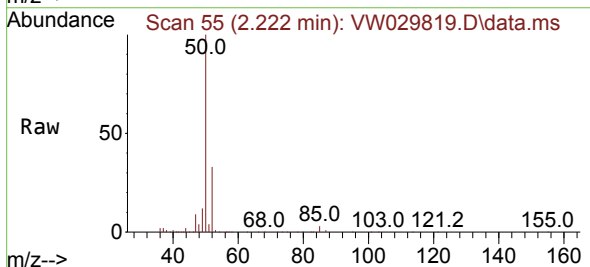
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 MSVOA_W
 ClientSampleId :
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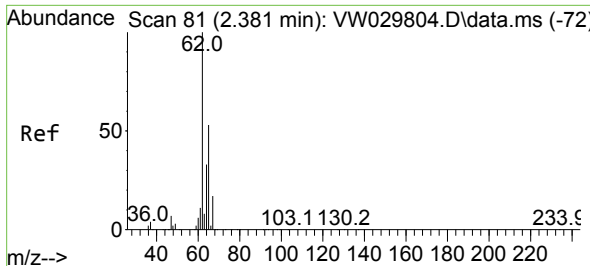
Tgt Ion: 85 Resp: 71553
 Ion Ratio Lower Upper
 85 100
 87 27.8 25.5 38.3



#3
 Chloromethane
 Concen: 25.587 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW029819.D
 Acq: 31 Jul 2024 16:54

Tgt Ion: 50 Resp: 95256
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.5 41.9

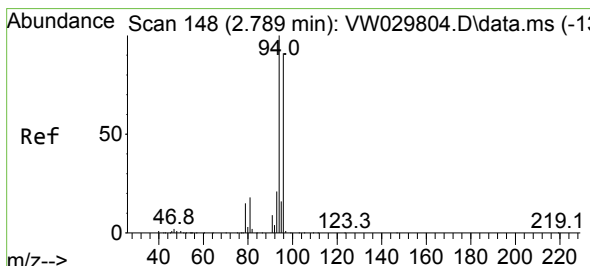
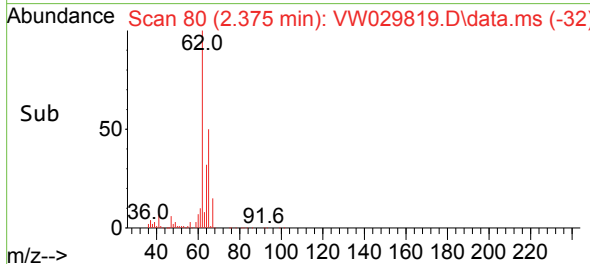
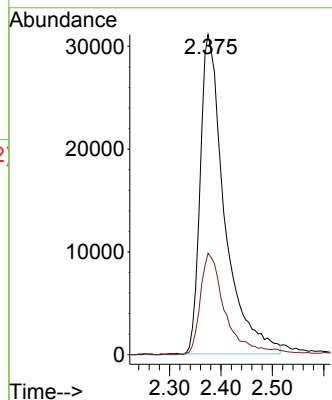
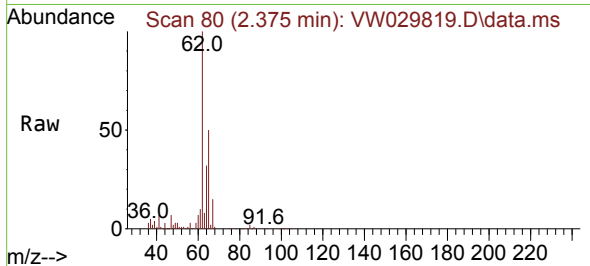




#5
 Vinyl chloride
 Concen: 24.531 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW029819.D
 Acq: 31 Jul 2024 16:54

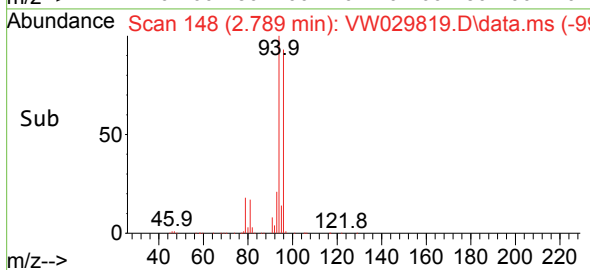
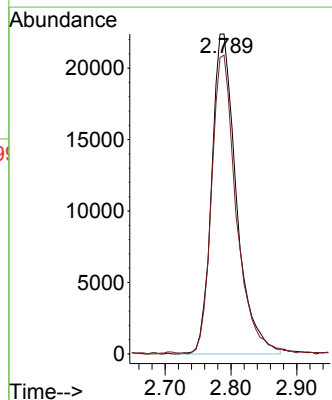
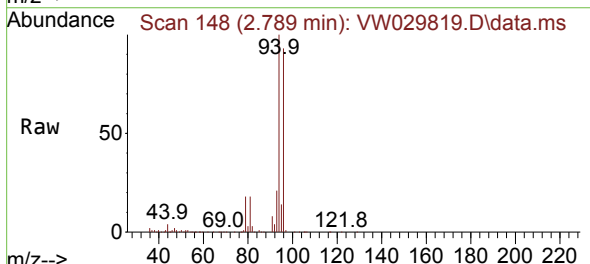
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 ClientSampleId :
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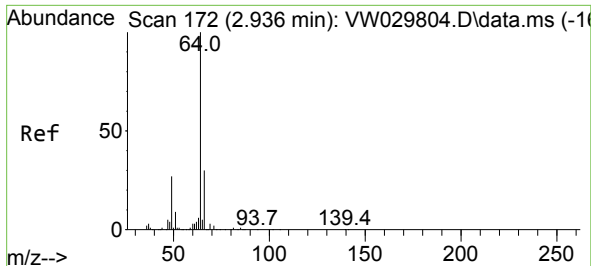
Tgt Ion: 62 Resp: 102327
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.2 43.2



#6
 Bromomethane
 Concen: 25.591 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW029819.D
 Acq: 31 Jul 2024 16:54

Tgt Ion: 94 Resp: 58618
 Ion Ratio Lower Upper
 94 100
 96 93.4 66.2 123.0

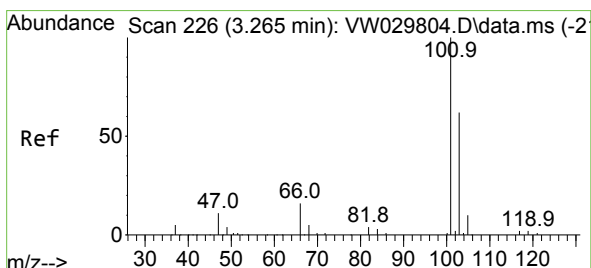
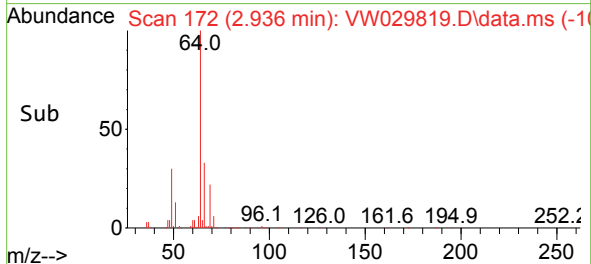
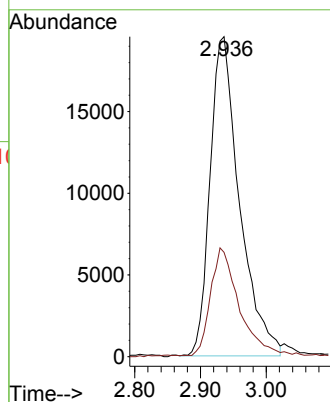
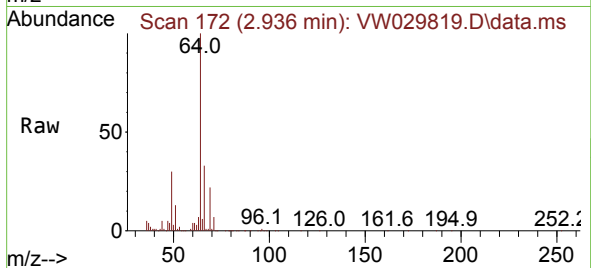




#8
Chloroethane
Concen: 25.637 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

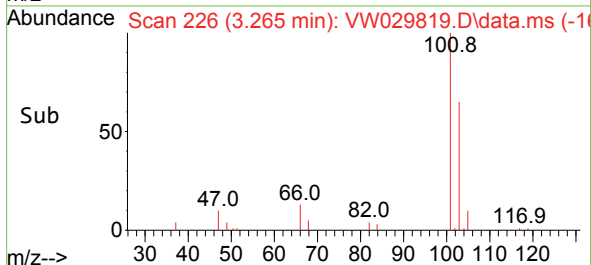
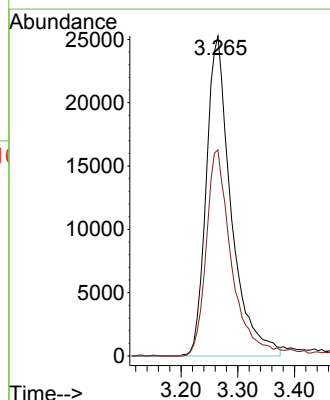
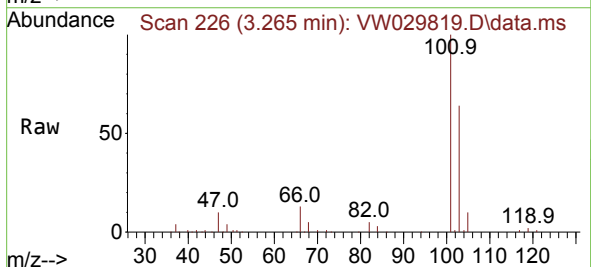
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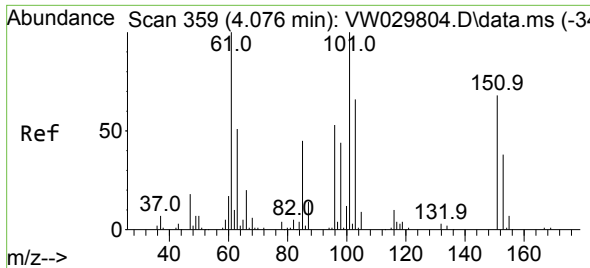
Tgt Ion: 64 Resp: 60836
Ion Ratio Lower Upper
64 100
66 32.6 21.2 39.4



#9
Trichlorofluoromethane
Concen: 23.070 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

Tgt Ion: 101 Resp: 76868
Ion Ratio Lower Upper
101 100
103 65.5 51.0 76.4

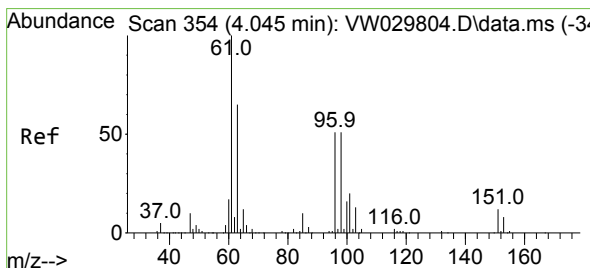
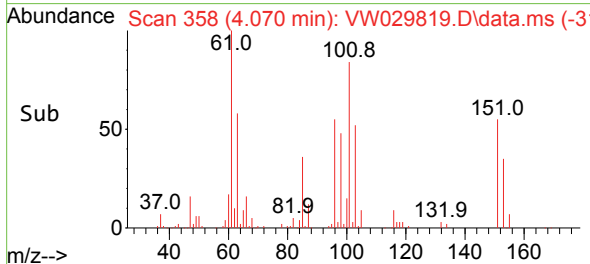
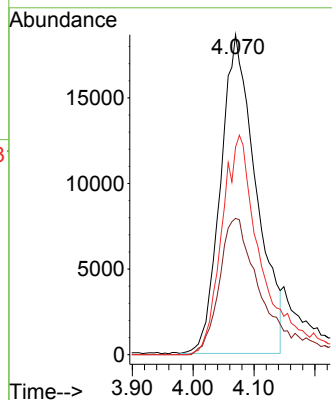
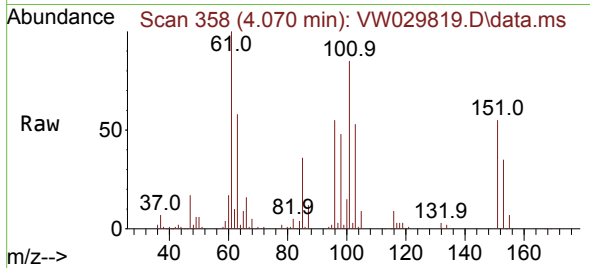




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.738 ug/L
RT: 4.070 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW029819.D
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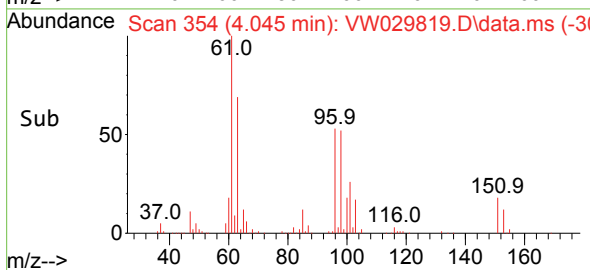
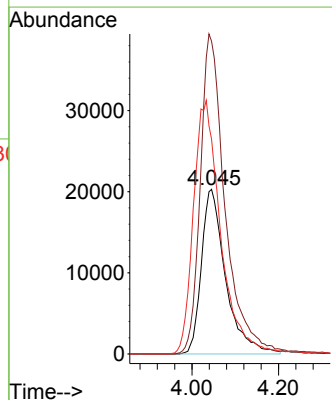
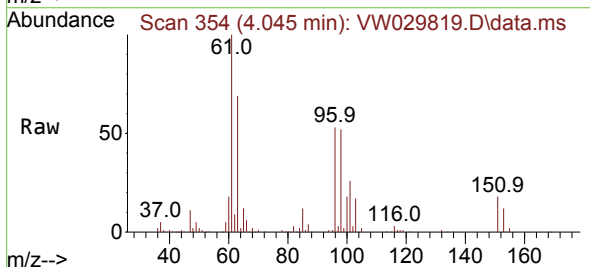
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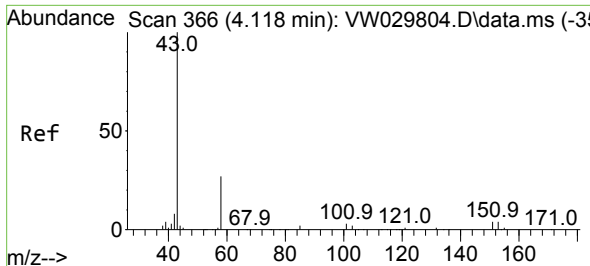
Tgt Ion:101 Resp: 75456
Ion Ratio Lower Upper
101 100
85 47.1 34.2 51.4
151 74.6 54.2 81.2



#12
1,1-Dichloroethene
Concen: 25.849 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

Tgt Ion: 96 Resp: 78817
Ion Ratio Lower Upper
96 100
61 189.9 138.3 256.9
63 130.4 89.0 165.4

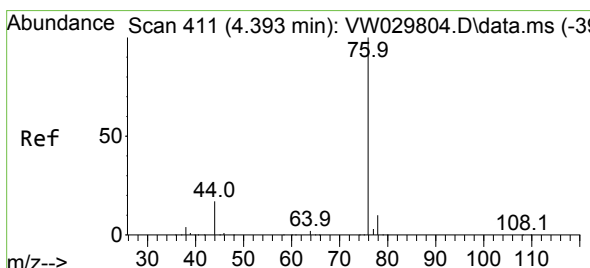
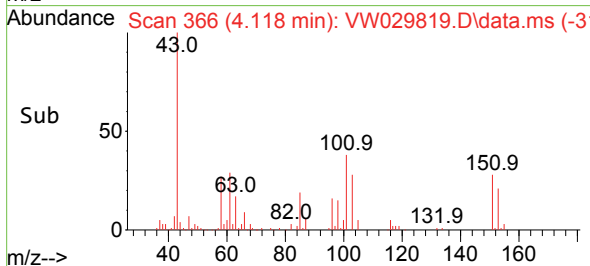
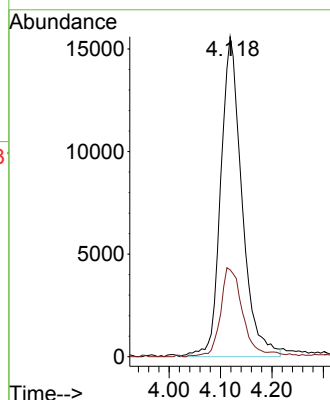
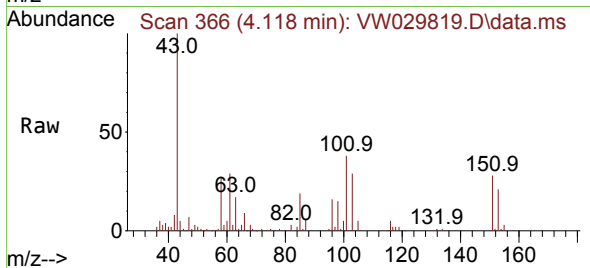




#13
Acetone
Concen: 41.510 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
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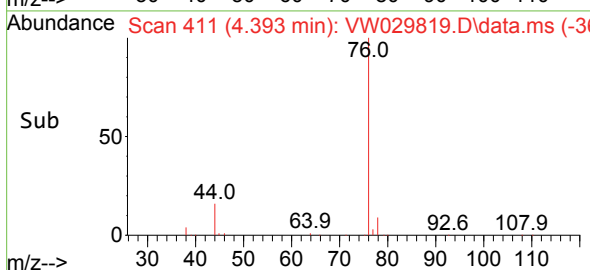
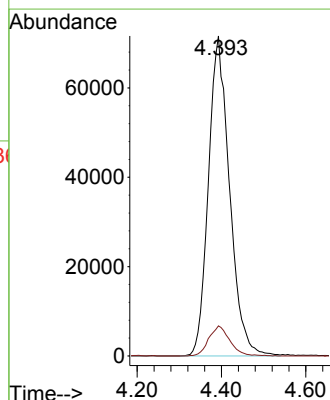
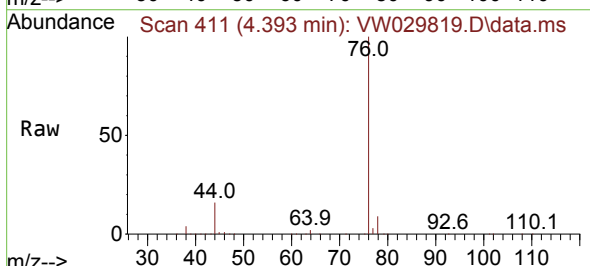
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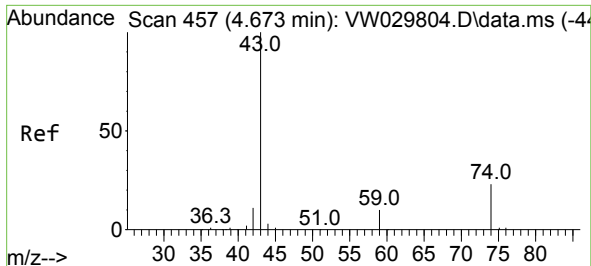
Tgt Ion: 43 Resp: 44801
Ion Ratio Lower Upper
43 100
58 27.4 0.0 57.6



#14
Carbon disulfide
Concen: 24.575 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 249369
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4

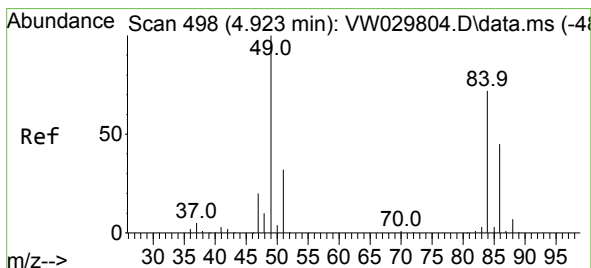
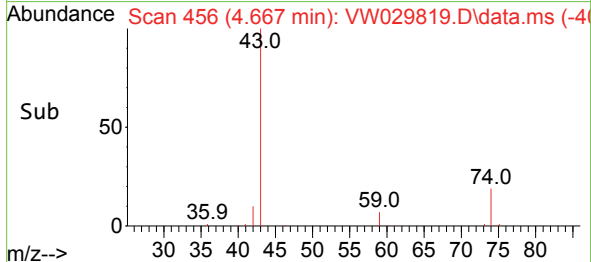
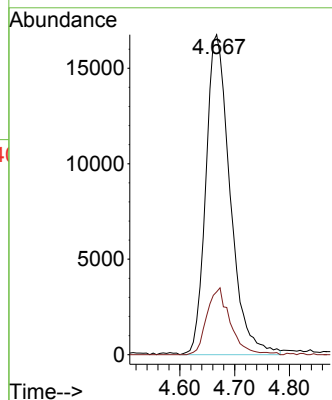
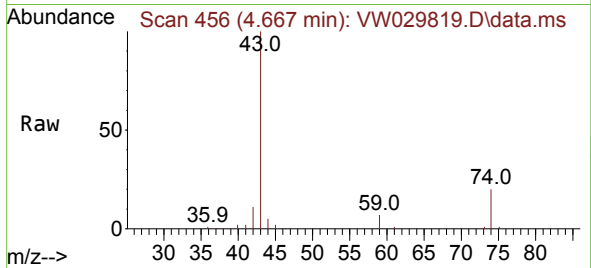




#15
Methyl Acetate
Concen: 28.635 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

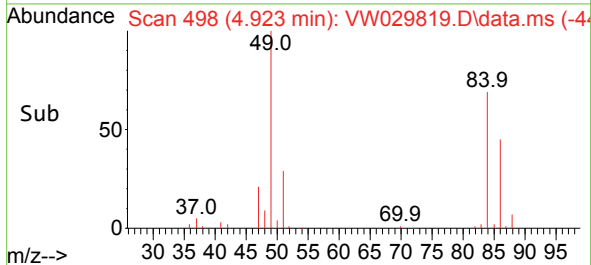
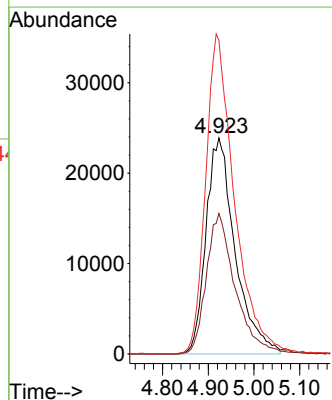
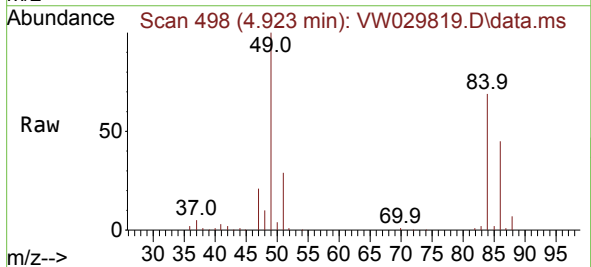
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

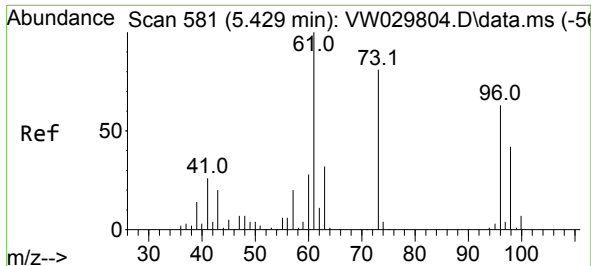
Tgt Ion: 43 Resp: 51477
Ion Ratio Lower Upper
43 100
74 19.8 16.5 24.7



#16
Methylene chloride
Concen: 22.685 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

Tgt Ion: 84 Resp: 105848
Ion Ratio Lower Upper
84 100
86 65.0 44.7 82.9
49 145.3 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 26.398 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW029819.D

Acq: 31 Jul 2024 16:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD025564

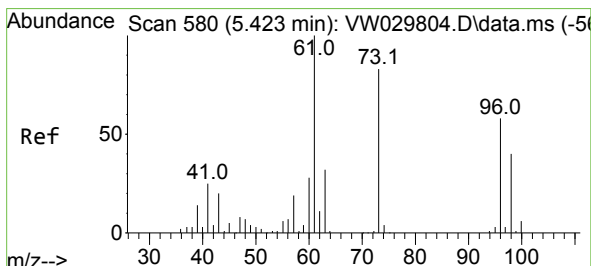
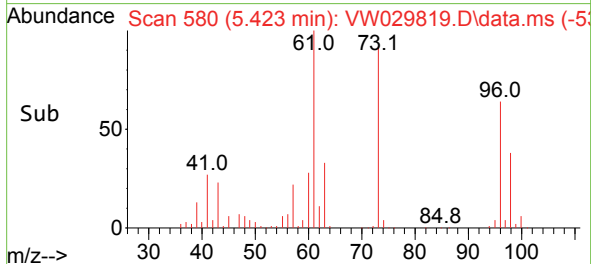
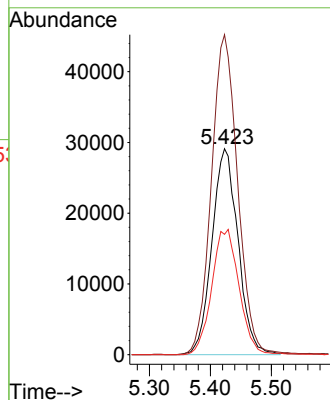
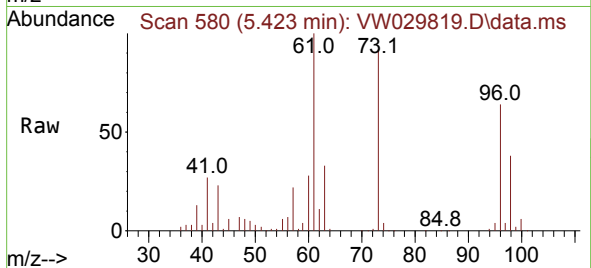
Tgt Ion: 96 Resp: 86737

Ion Ratio Lower Upper

96 100

61 155.4 111.2 206.6

98 58.4 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 26.981 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW029819.D

Acq: 31 Jul 2024 16:54

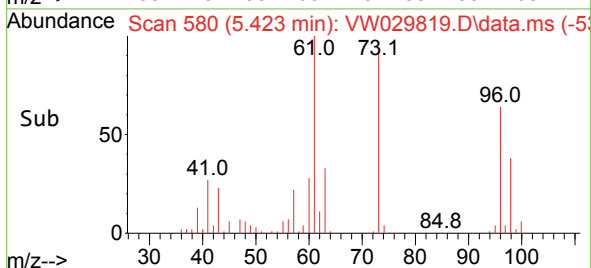
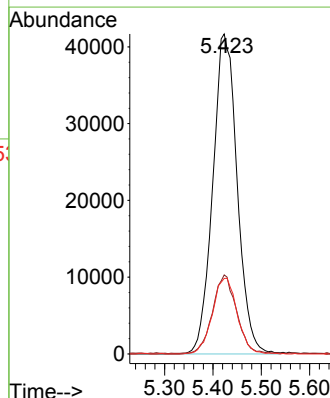
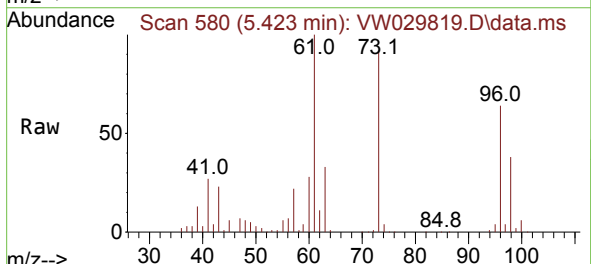
Tgt Ion: 73 Resp: 146112

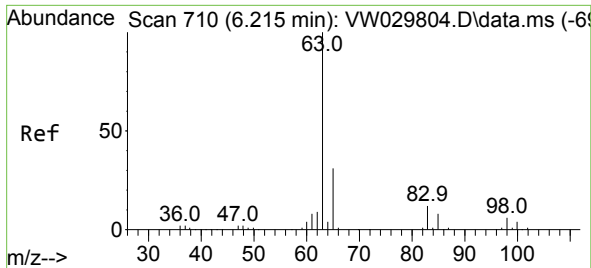
Ion Ratio Lower Upper

73 100

43 23.8 18.3 27.5

57 24.0 17.9 26.9

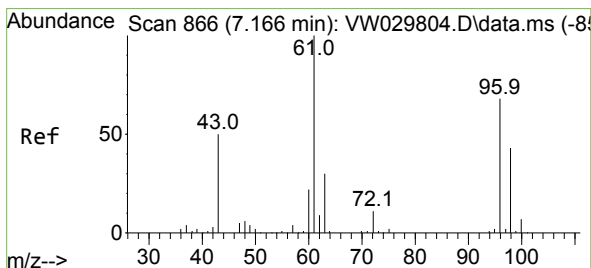
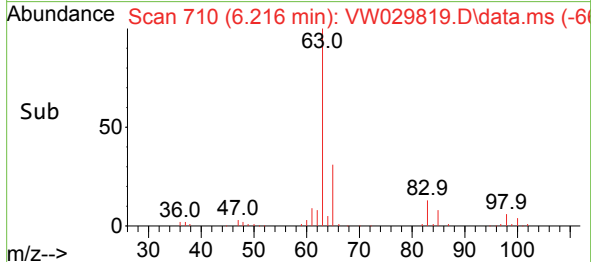
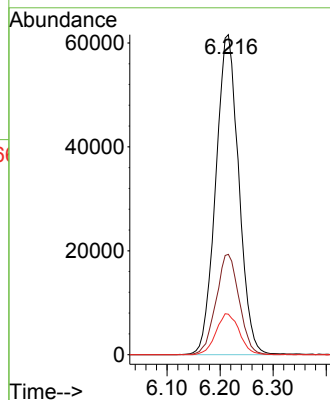
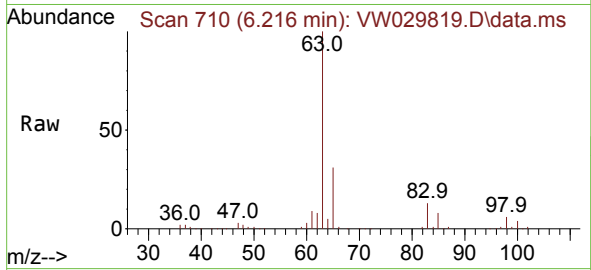




#19
1,1-Dichloroethane
Concen: 26.774 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

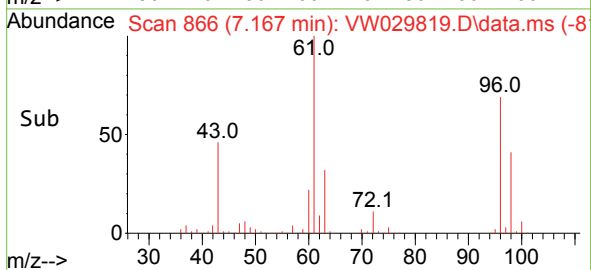
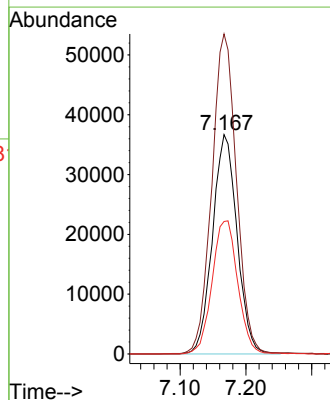
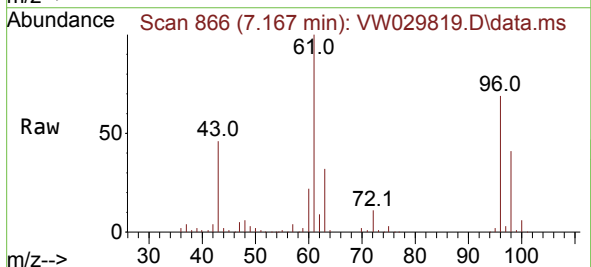
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

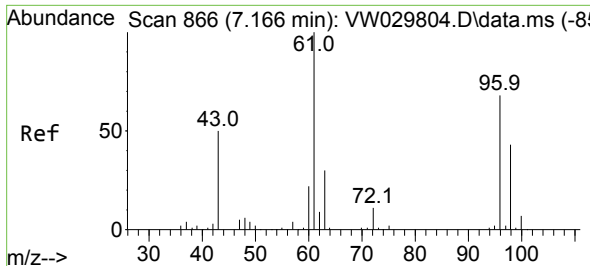
Tgt Ion: 63 Resp: 185544
Ion Ratio Lower Upper
63 100
65 31.3 22.3 41.3
83 12.7 8.5 15.7



#20
cis-1,2-Dichloroethene
Concen: 26.767 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

Tgt Ion: 96 Resp: 95402
Ion Ratio Lower Upper
96 100
61 145.9 98.2 182.4
98 60.4 41.9 77.9

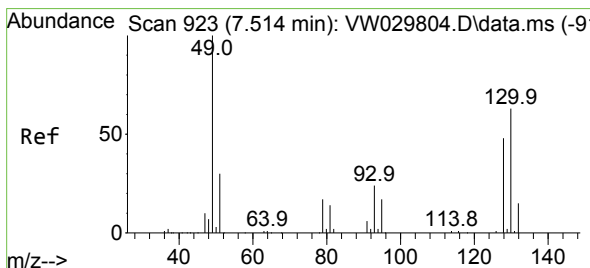
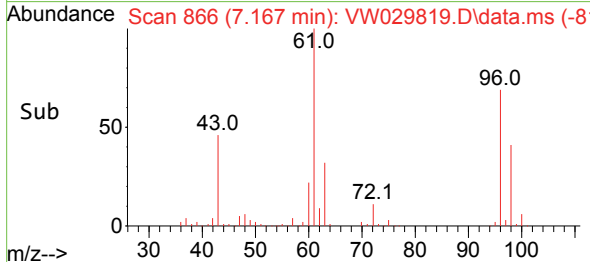
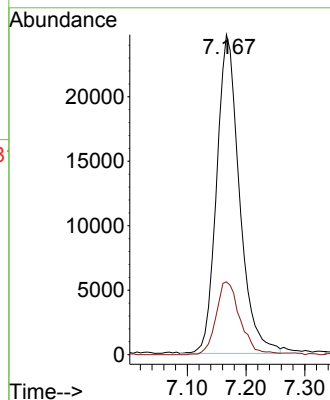
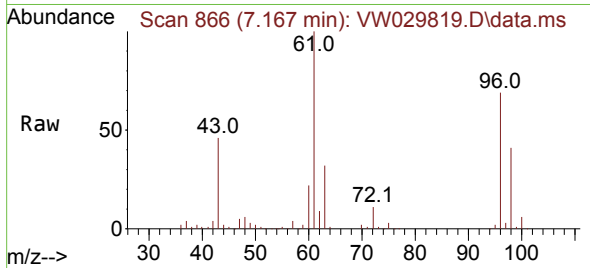




#22
2-Butanone
Concen: 48.243 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

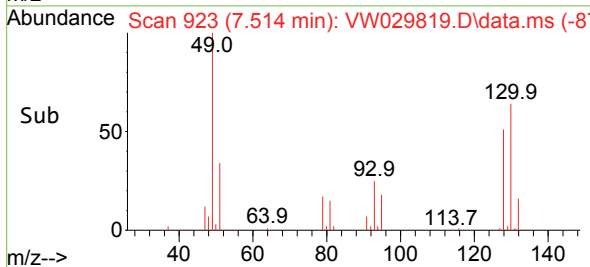
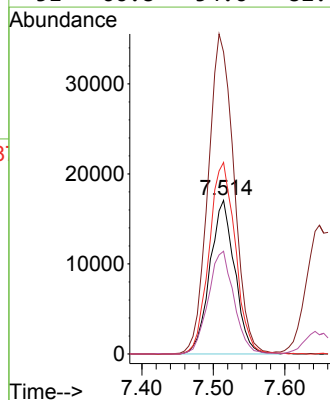
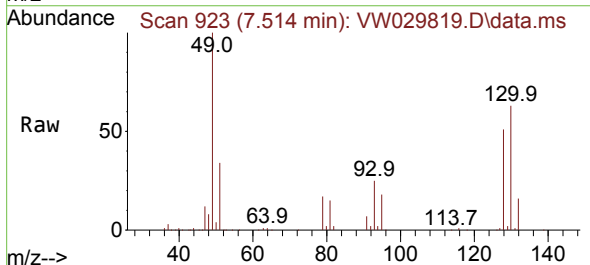
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

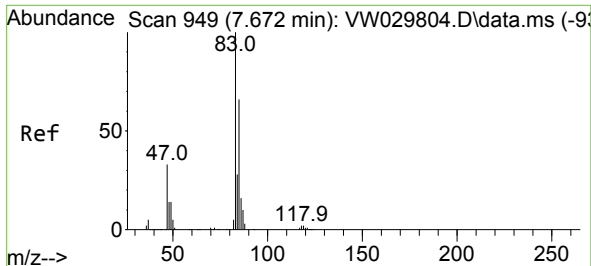
Tgt Ion: 43 Resp: 66716
Ion Ratio Lower Upper
43 100
72 23.6 11.7 35.1



#23
Bromochloromethane
Concen: 27.211 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

Tgt Ion: 128 Resp: 41173
Ion Ratio Lower Upper
128 100
49 196.5 151.1 280.7
130 124.6 96.8 179.8
51 66.8 54.6 82.0

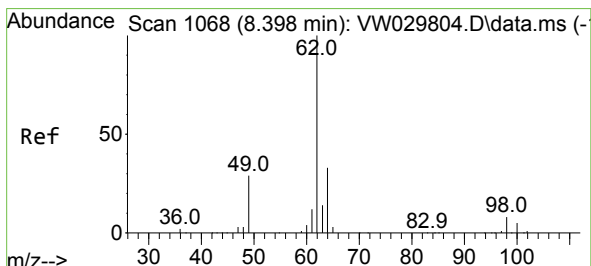
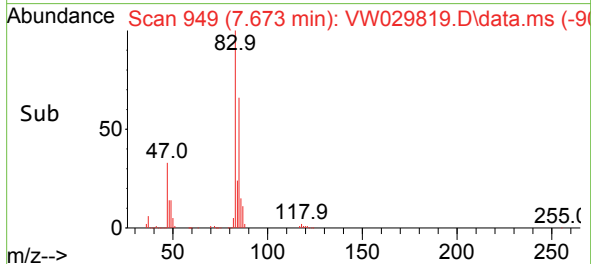
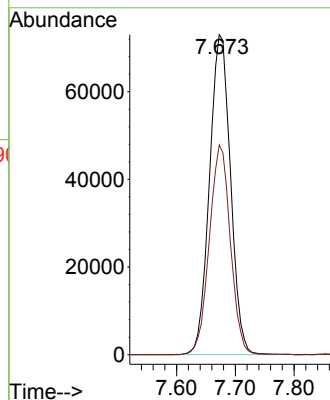
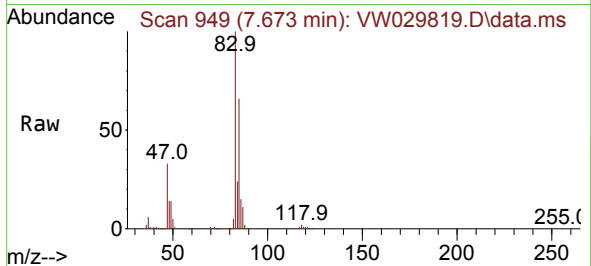




#25
Chloroform
Concen: 27.773 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

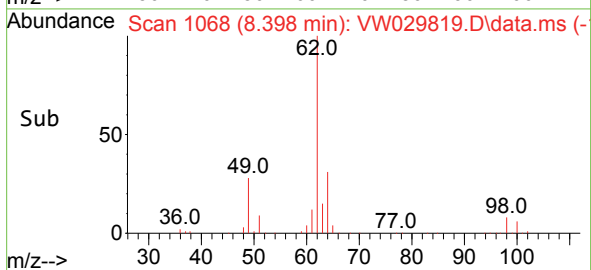
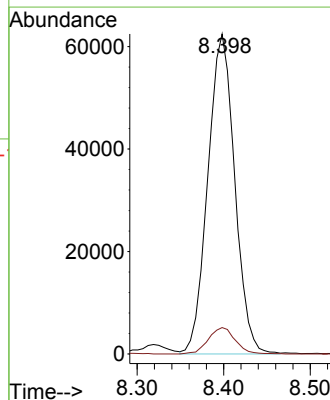
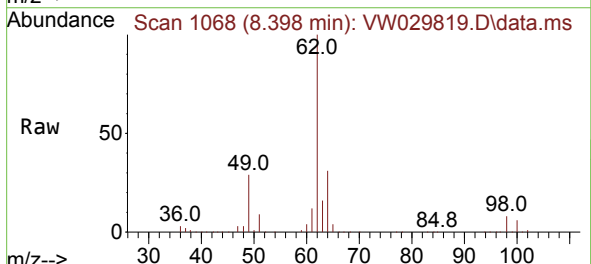
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

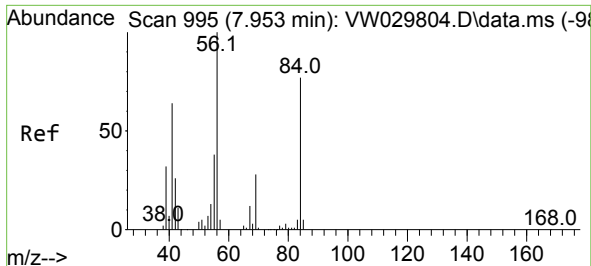
Tgt Ion: 83 Resp: 181332
Ion Ratio Lower Upper
83 100
85 65.5 44.4 82.4



#27
1,2-Dichloroethane
Concen: 28.320 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

Tgt Ion: 62 Resp: 134756
Ion Ratio Lower Upper
62 100
98 8.2 6.6 10.0

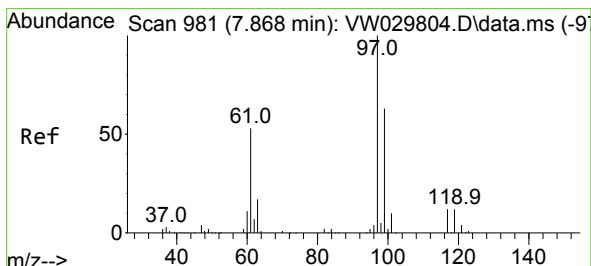
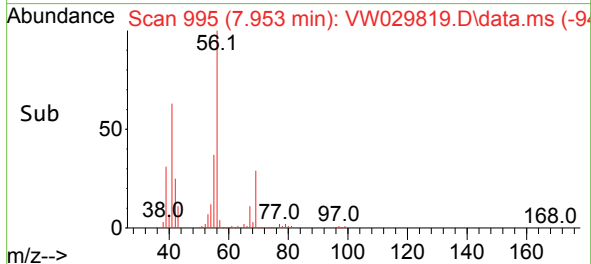
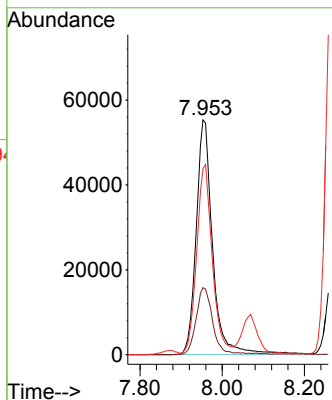
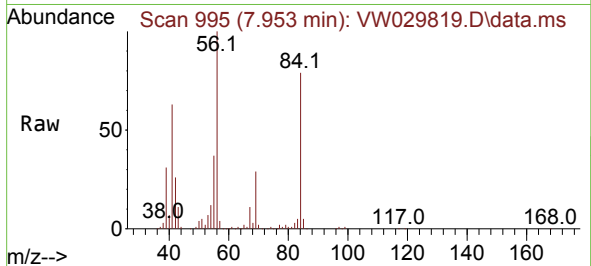




#29
Cyclohexane
Concen: 24.852 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

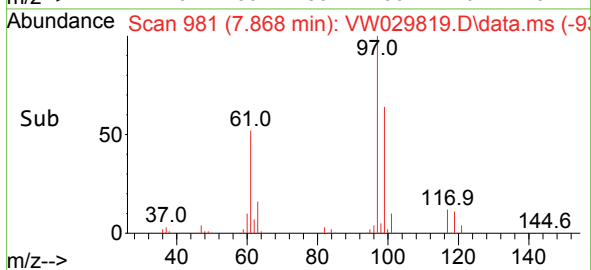
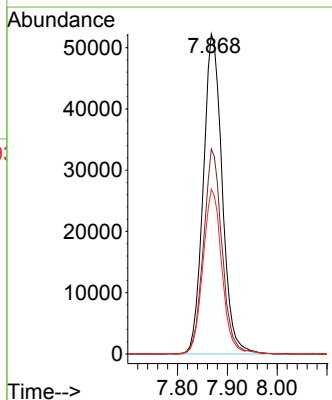
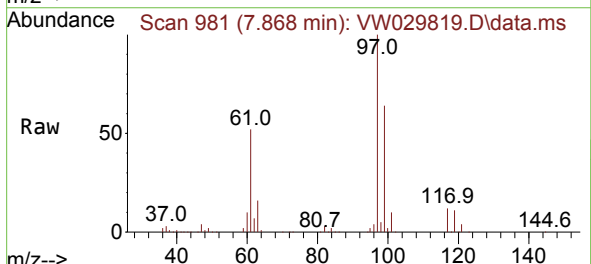
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

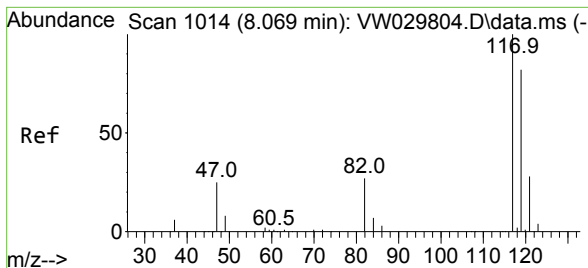
Tgt Ion: 56 Resp: 151906
Ion Ratio Lower Upper
56 100
69 28.4 23.0 34.4
84 77.3 63.5 95.3



#30
1,1,1-Trichloroethane
Concen: 25.178 ug/L
RT: 7.868 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

Tgt Ion: 97 Resp: 137138
Ion Ratio Lower Upper
97 100
99 62.9 52.1 78.1
61 51.2 42.6 63.8

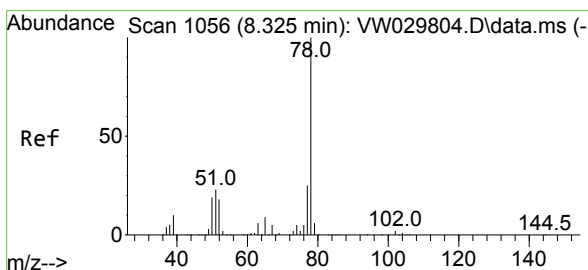
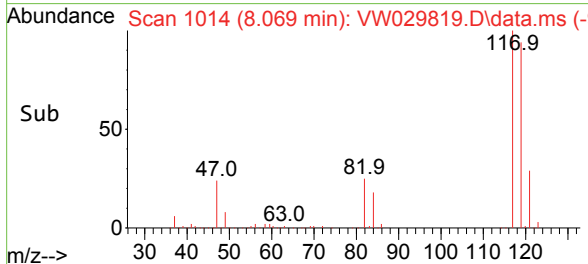
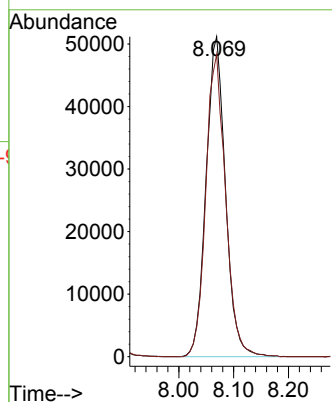
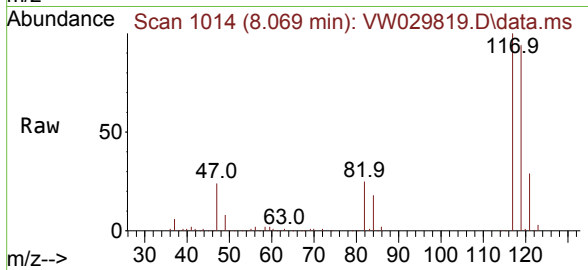




#31
Carbon tetrachloride
Concen: 25.575 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

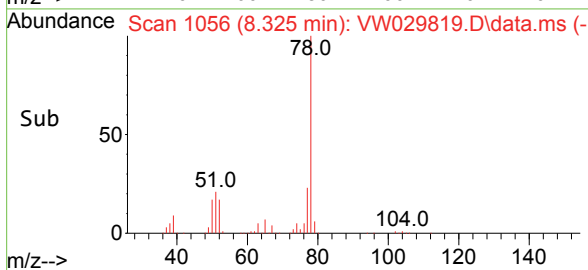
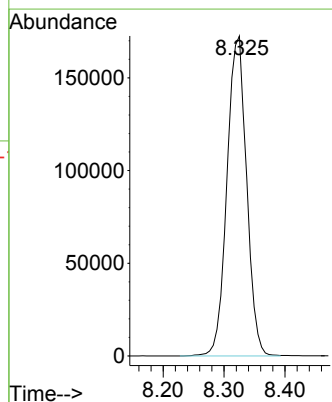
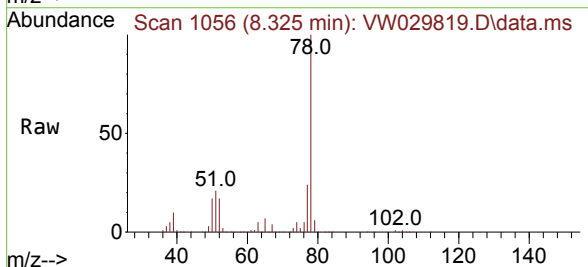
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

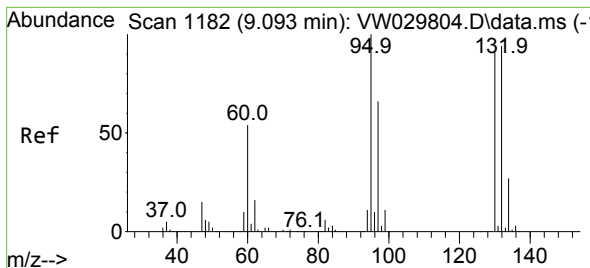
Tgt Ion:117 Resp: 125520
Ion Ratio Lower Upper
117 100
119 96.3 74.8 112.2



#33
Benzene
Concen: 26.178 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

Tgt Ion: 78 Resp: 385795





#34

Trichloroethene

Concen: 25.117 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW029819.D

Acq: 31 Jul 2024 16:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD025564

Tgt Ion: 95 Resp: 97034

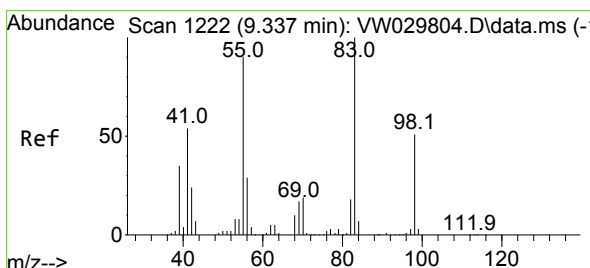
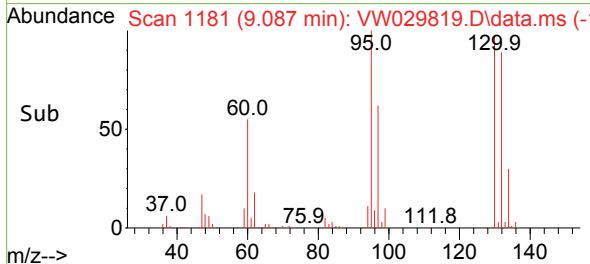
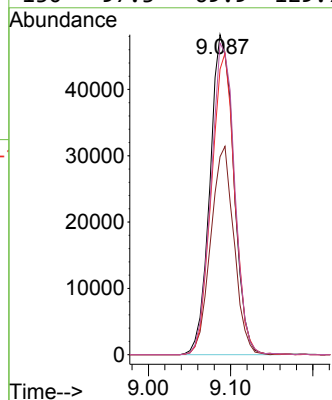
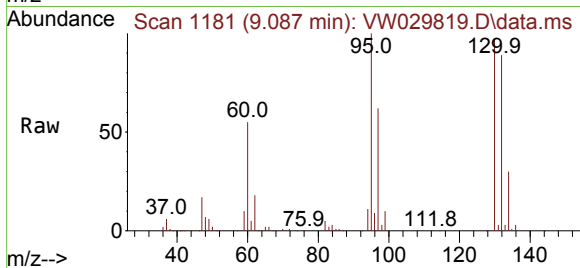
Ion Ratio Lower Upper

95 100

97 61.9 45.6 84.8

132 89.2 65.2 121.0

130 97.3 69.9 129.7



#35

Methylcyclohexane

Concen: 25.072 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW029819.D

Acq: 31 Jul 2024 16:54

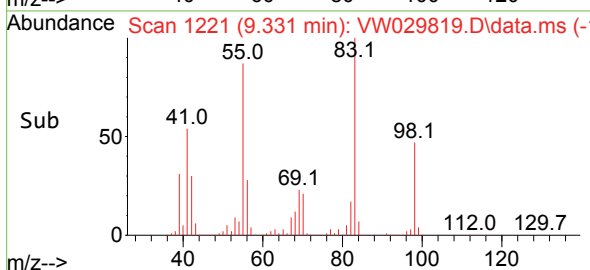
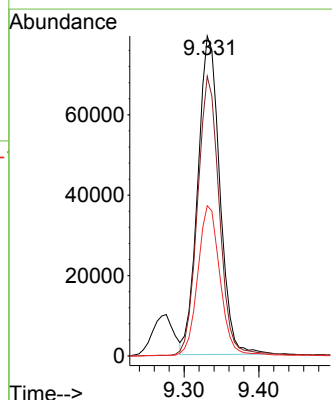
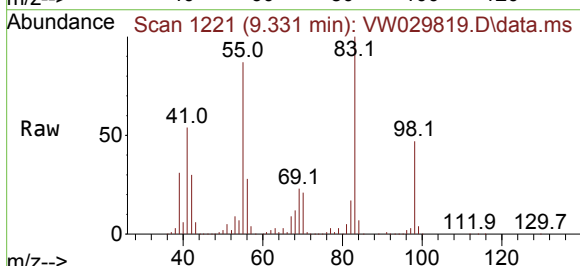
Tgt Ion: 83 Resp: 161399

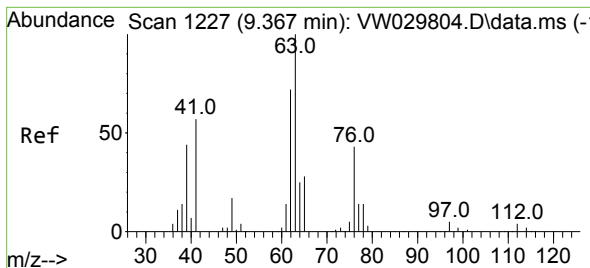
Ion Ratio Lower Upper

83 100

55 88.1 67.4 101.2

98 48.3 36.7 55.1

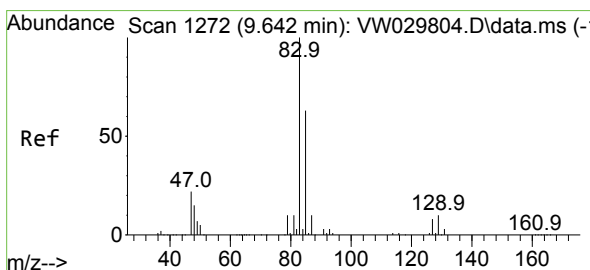
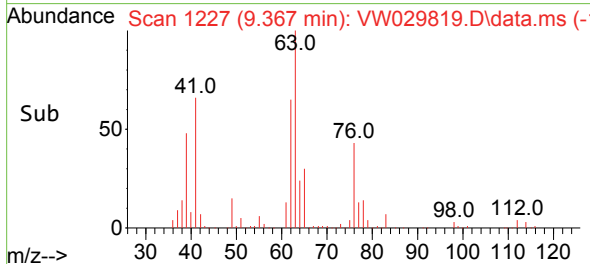
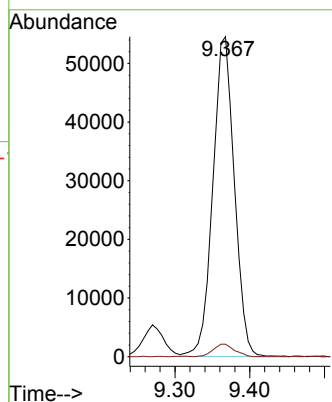
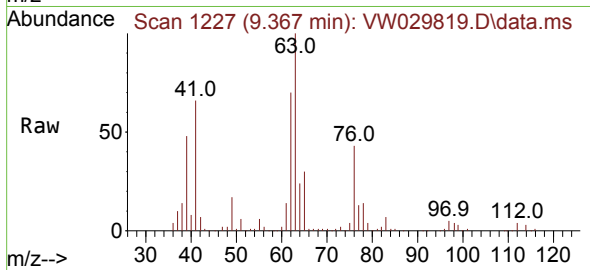




#37
1,2-Dichloropropane
Concen: 27.001 ug/L
RT: 9.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

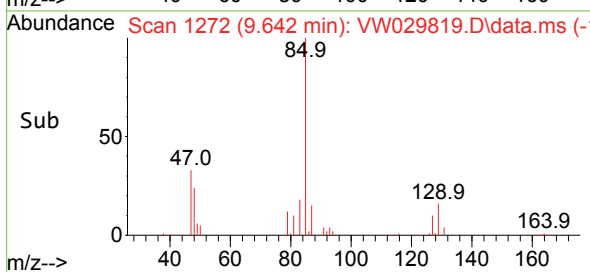
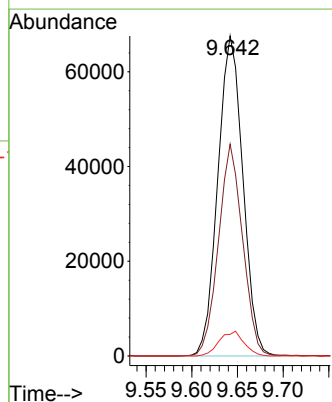
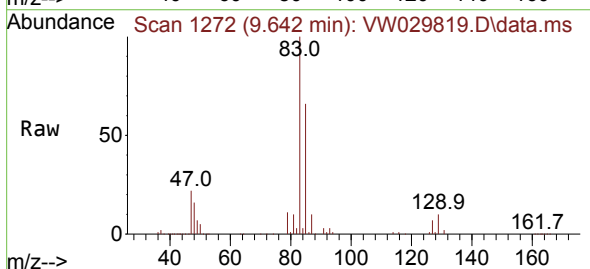
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

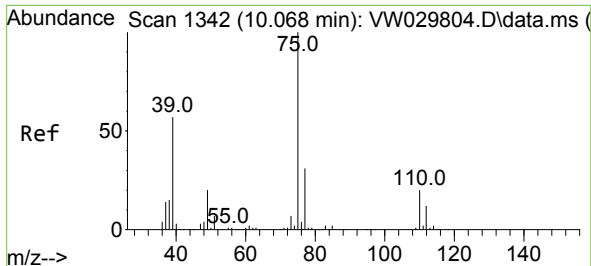
Tgt Ion: 63 Resp: 109045
Ion Ratio Lower Upper
63 100
112 3.9 3.3 4.9



#38
Bromodichloromethane
Concen: 26.776 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

Tgt Ion: 83 Resp: 128773
Ion Ratio Lower Upper
83 100
85 66.2 46.6 86.6
127 6.8 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 26.714 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW029819.D

Acq: 31 Jul 2024 16:54

Instrument :

MSVOA_W

ClientSampleId :

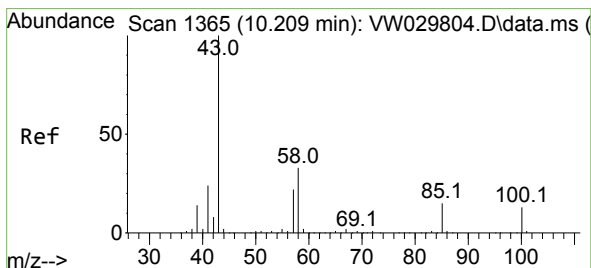
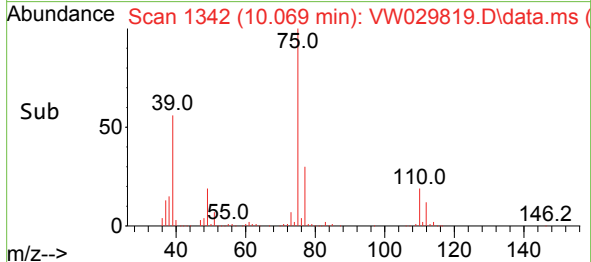
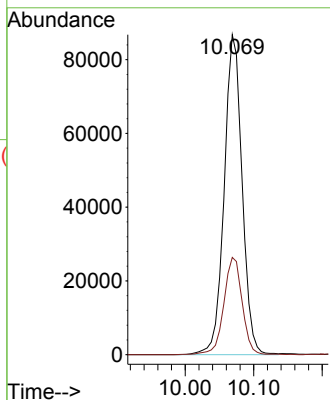
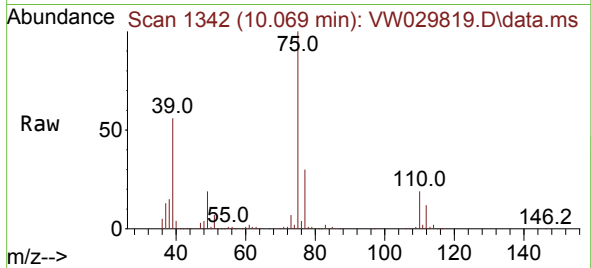
VSTD025564

Tgt Ion: 75 Resp: 157119

Ion Ratio Lower Upper

75 100

77 30.4 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 56.658 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029819.D

Acq: 31 Jul 2024 16:54

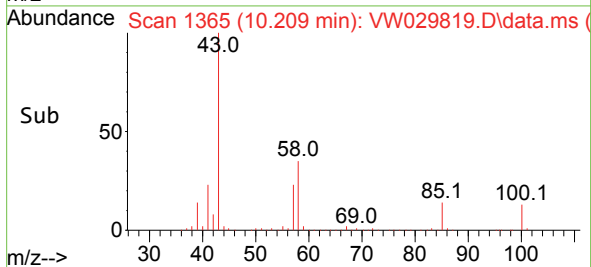
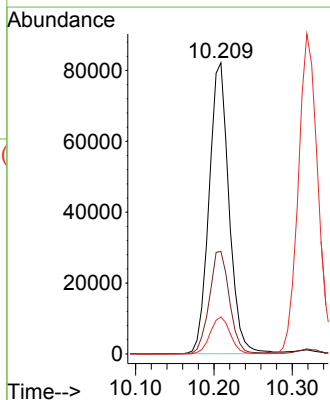
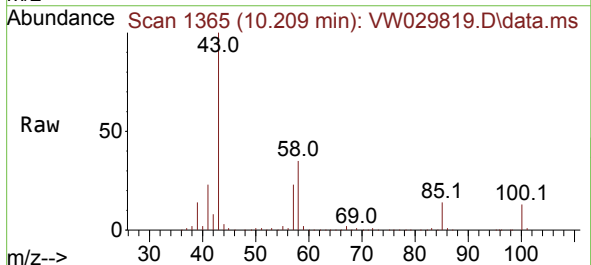
Tgt Ion: 43 Resp: 145342

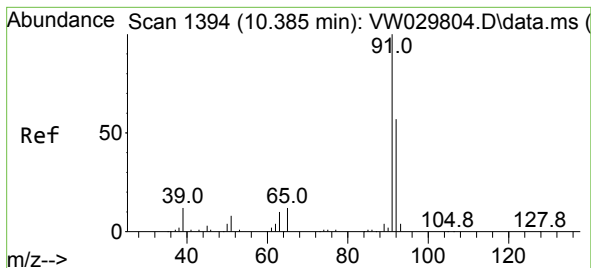
Ion Ratio Lower Upper

43 100

58 35.9 28.7 43.1

100 12.8 10.0 15.0





#42

Toluene

Concen: 26.379 ug/L

RT: 10.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029819.D

Acq: 31 Jul 2024 16:54

Instrument :

MSVOA_W

ClientSampleId :

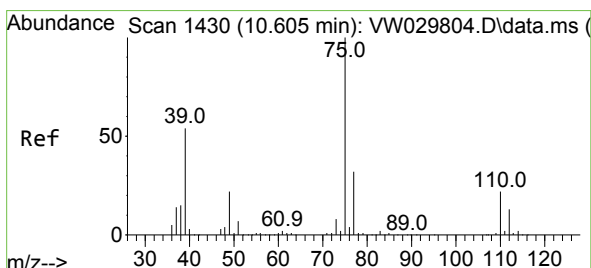
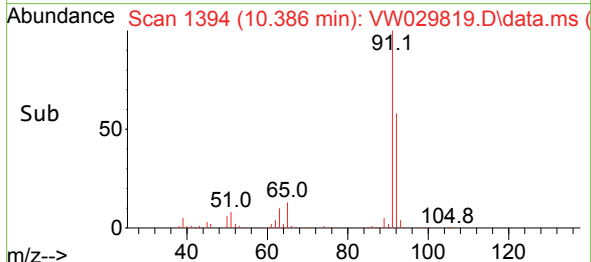
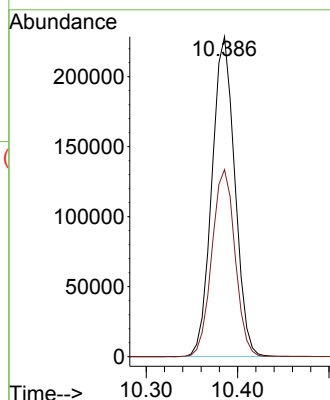
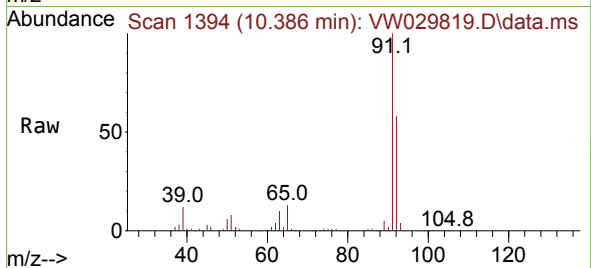
VSTD025564

Tgt Ion: 91 Resp: 396811

Ion Ratio Lower Upper

91 100

92 58.4 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 27.105 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029819.D

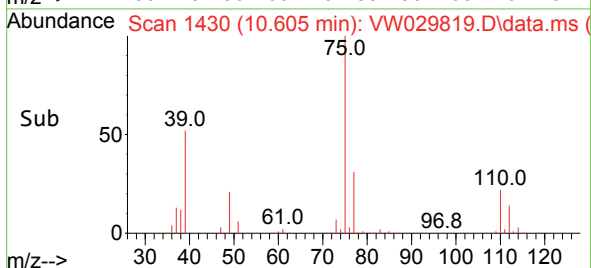
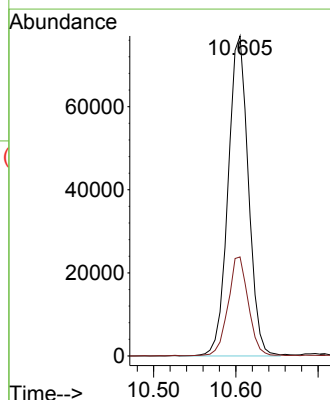
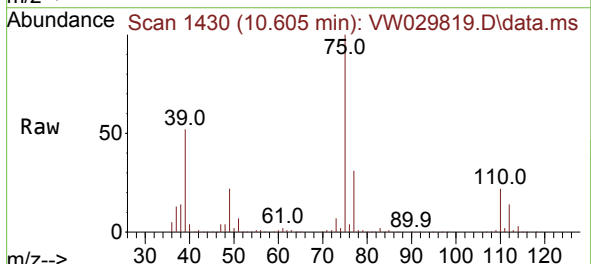
Acq: 31 Jul 2024 16:54

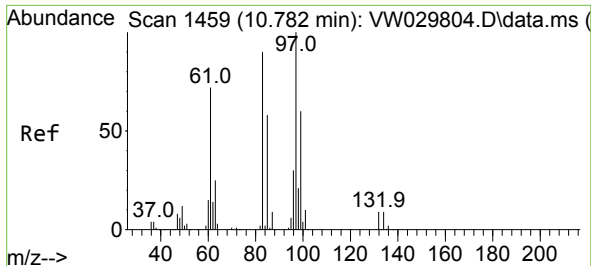
Tgt Ion: 75 Resp: 132342

Ion Ratio Lower Upper

75 100

77 31.0 22.0 41.0

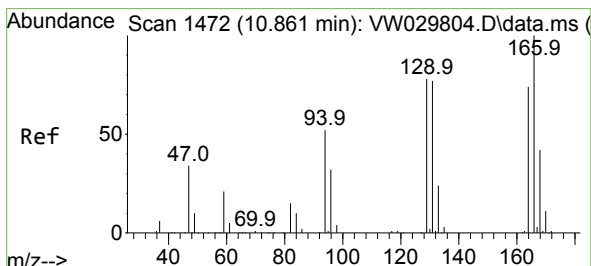
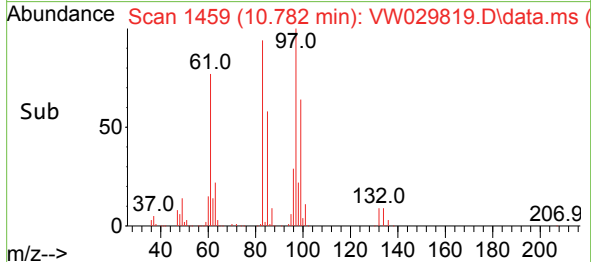
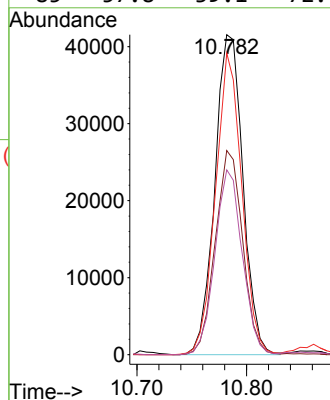
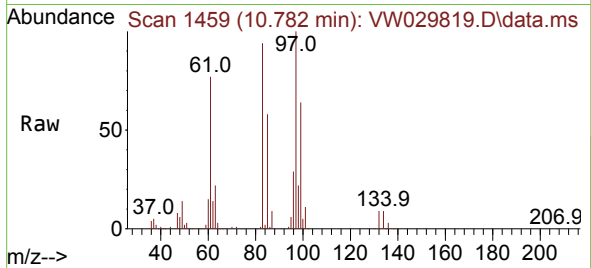




#45
1,1,2-Trichloroethane
Concen: 27.292 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

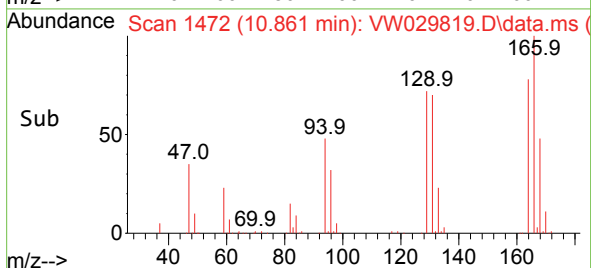
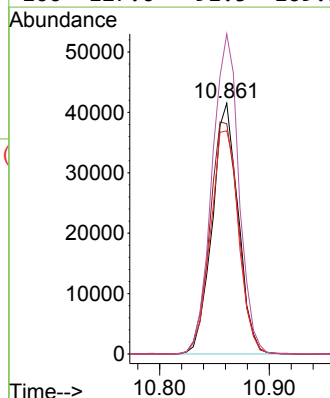
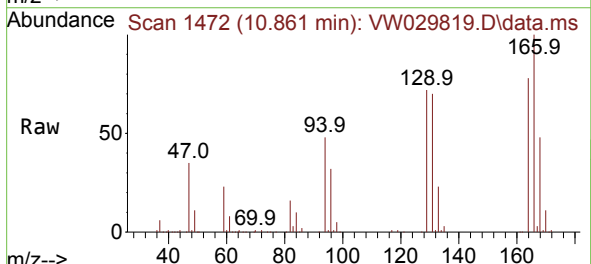
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

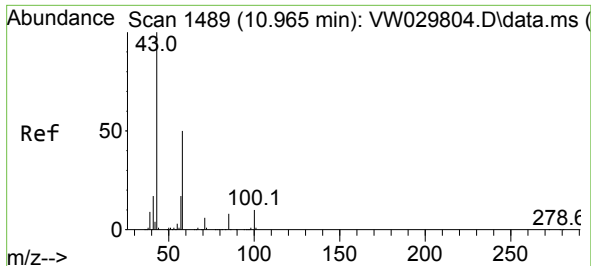
Tgt Ion: 97	Resp: 74047
Ion Ratio	Lower Upper
97 100	
99 63.8	40.1 74.5
83 94.3	58.5 108.7
85 57.8	39.1 72.7



#46
Tetrachloroethene
Concen: 24.317 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

Tgt	Ion:164	Resp:	68282
Ion	Ratio	Lower	Upper
164	100		
129	91.8	77.8	144.6
131	89.0	70.9	131.7
166	127.6	91.5	169.9



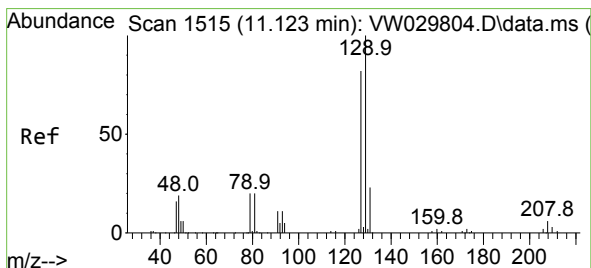
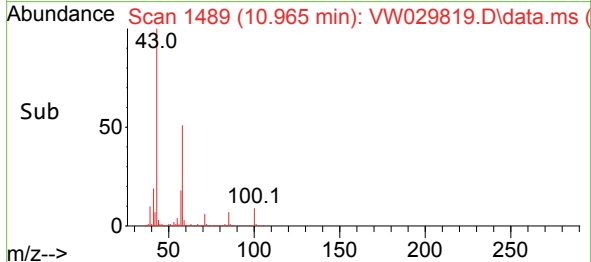
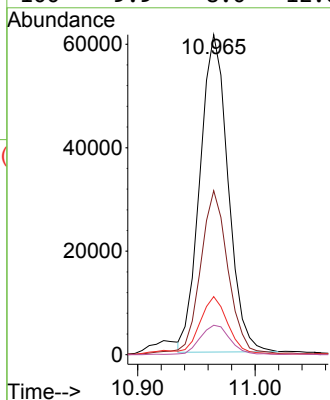
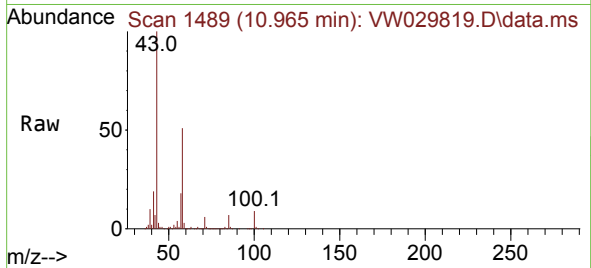


#48
2-Hexanone
Concen: 53.277 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

Tgt Ion: 43 Resp: 102358

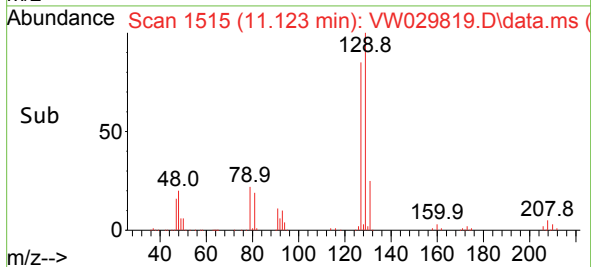
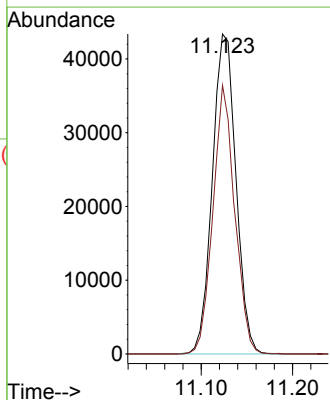
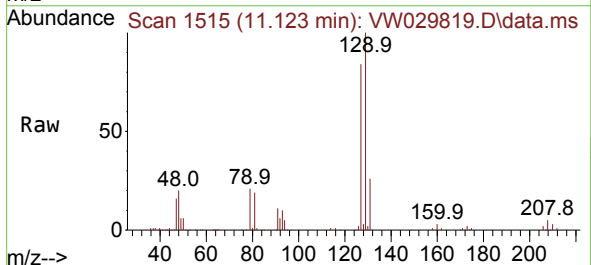
Ion	Ratio	Lower	Upper
43	100		
58	51.3	41.0	61.4
57	18.2	14.1	21.1
100	9.9	8.0	12.0

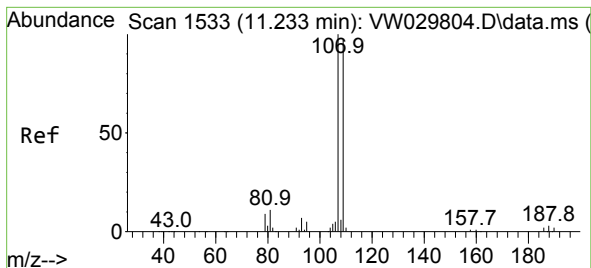


#49
Dibromochloromethane
Concen: 27.663 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

Tgt Ion: 129 Resp: 77914

Ion	Ratio	Lower	Upper
129	100		
127	83.9	52.4	97.2

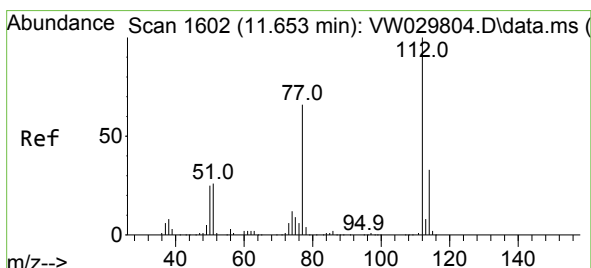
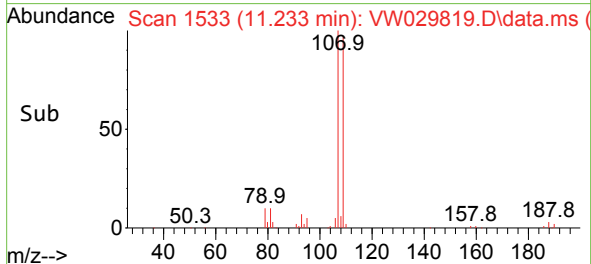
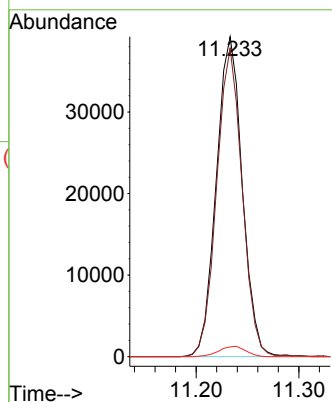
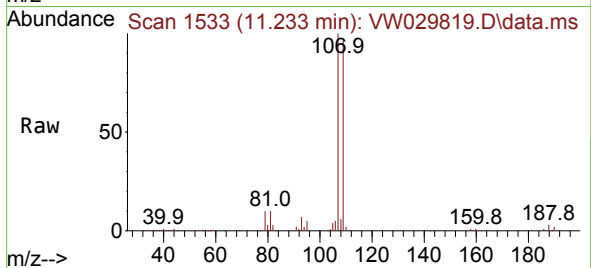




#50
1,2-Dibromoethane
Concen: 27.377 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

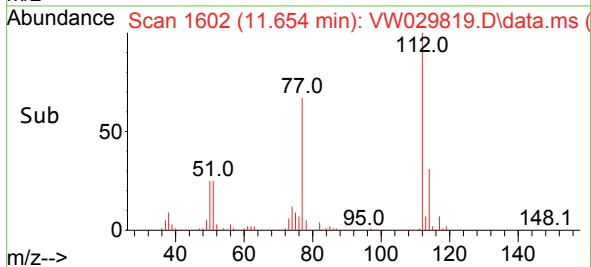
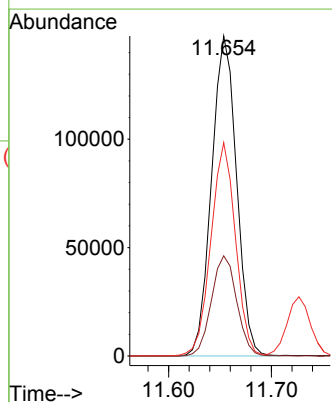
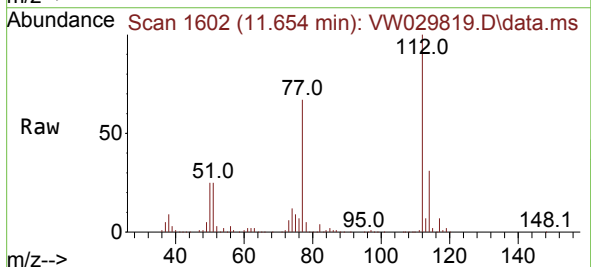
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

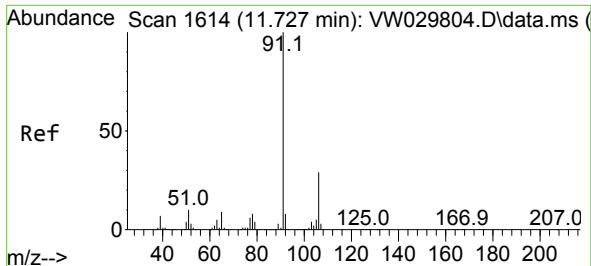
Tgt Ion:107 Resp: 68727
Ion Ratio Lower Upper
107 100
109 96.4 64.8 120.3
188 3.1 2.7 4.1



#51
Chlorobenzene
Concen: 26.619 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

Tgt Ion:112 Resp: 249074
Ion Ratio Lower Upper
112 100
114 31.3 22.0 40.8
77 66.7 53.8 80.8

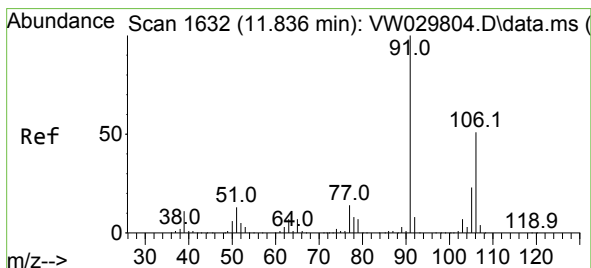
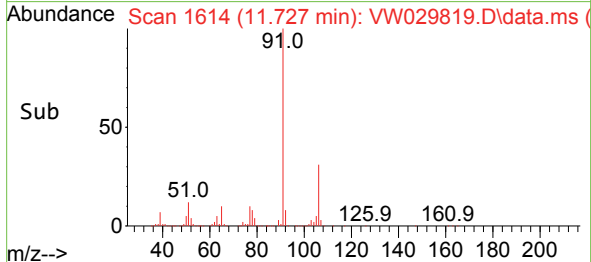
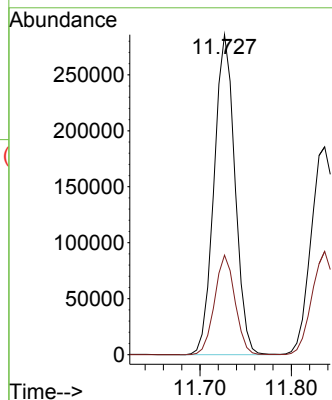
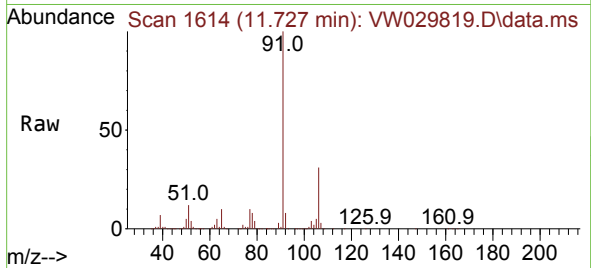




#52
Ethylbenzene
Concen: 26.690 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

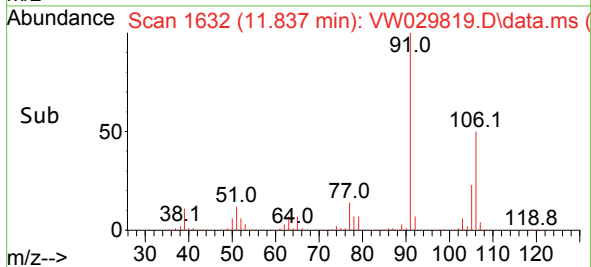
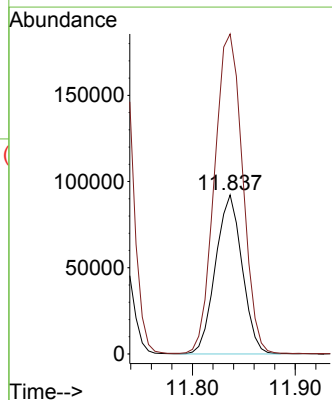
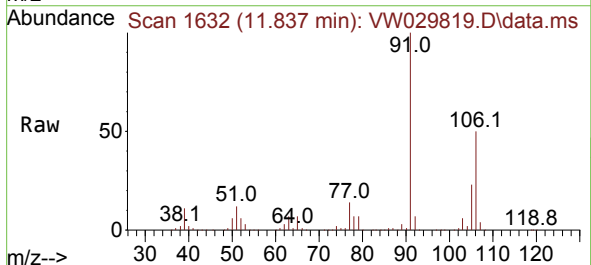
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

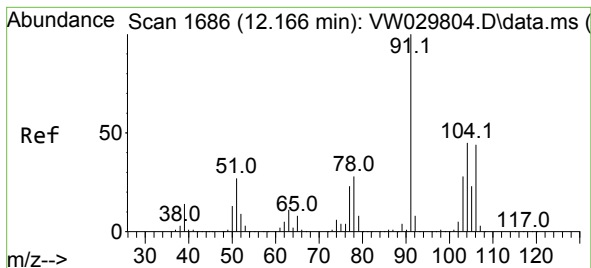
Tgt Ion: 91 Resp: 452893
Ion Ratio Lower Upper
91 100
106 31.1 20.4 38.0



#53
m,p-Xylene
Concen: 26.588 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

Tgt Ion: 106 Resp: 165923
Ion Ratio Lower Upper
106 100
91 201.1 151.4 281.2





#54

o-Xylene

Concen: 27.848 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW029819.D

Acq: 31 Jul 2024 16:54

Instrument :

MSVOA_W

ClientSampleId :

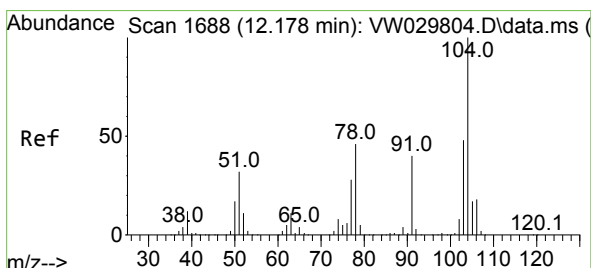
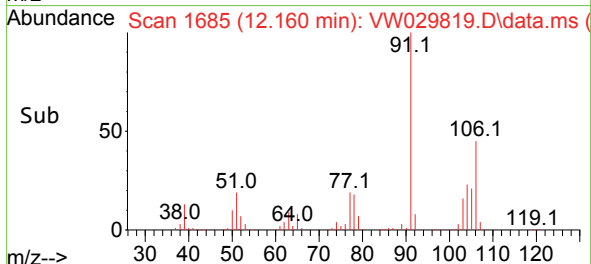
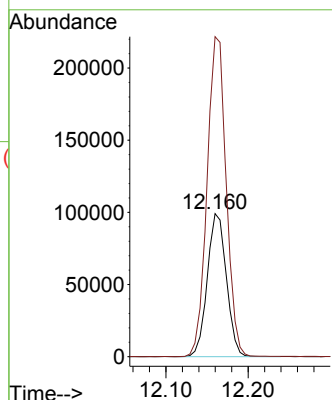
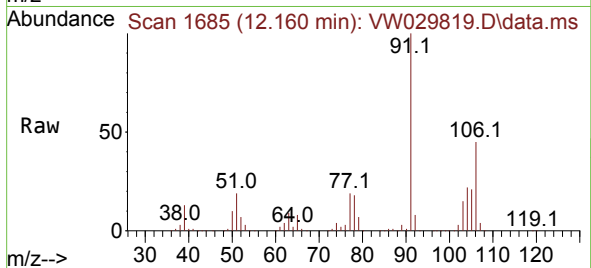
VSTD025564

Tgt Ion:106 Resp: 160036

Ion Ratio Lower Upper

106 100

91 223.7 155.8 289.4



#55

Styrene

Concen: 28.383 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029819.D

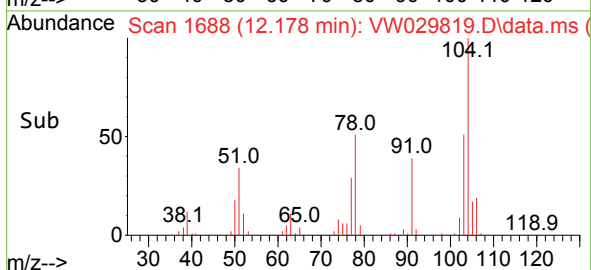
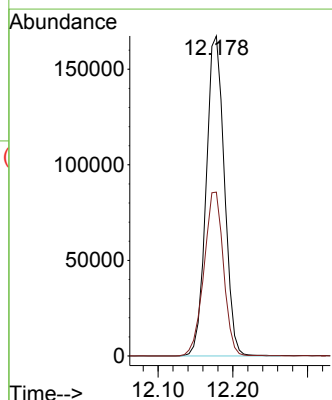
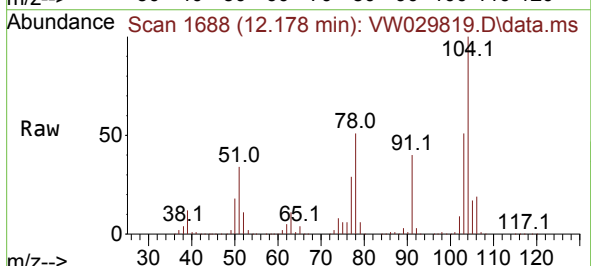
Acq: 31 Jul 2024 16:54

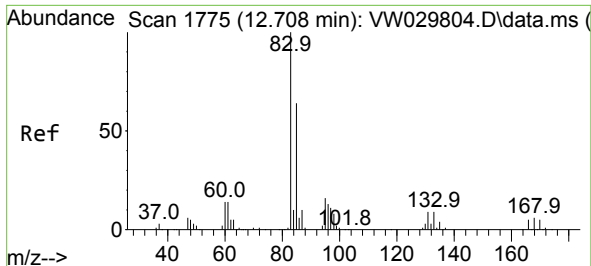
Tgt Ion:104 Resp: 282731

Ion Ratio Lower Upper

104 100

78 51.2 33.3 61.9





#57

1,1,2-Tetrachloroethane

Concen: 27.637 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029819.D

Acq: 31 Jul 2024 16:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD025564

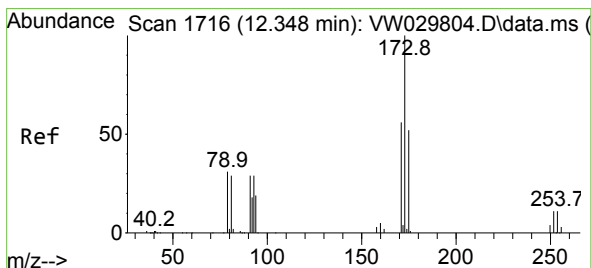
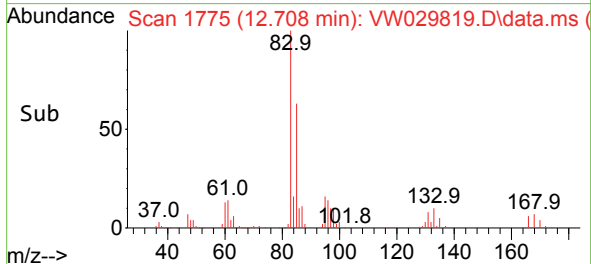
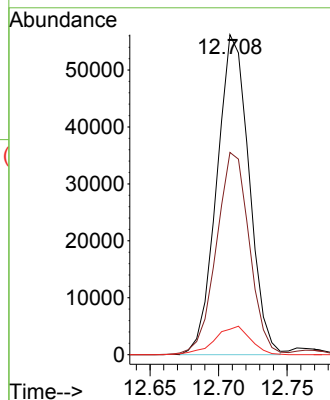
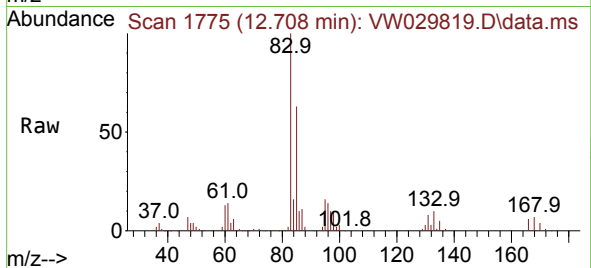
Tgt Ion: 83 Resp: 92031

Ion Ratio Lower Upper

83 100

85 63.2 44.2 82.0

131 7.9 6.2 9.2



#59

Bromoform

Concen: 27.187 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW029819.D

Acq: 31 Jul 2024 16:54

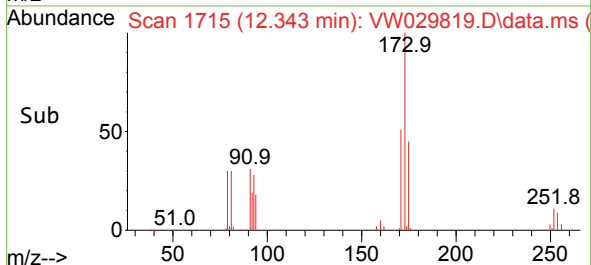
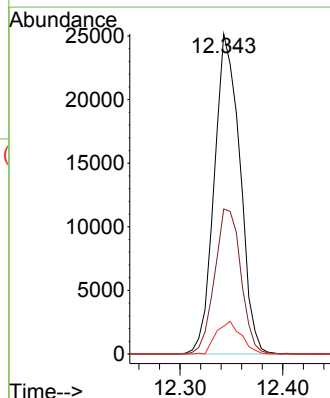
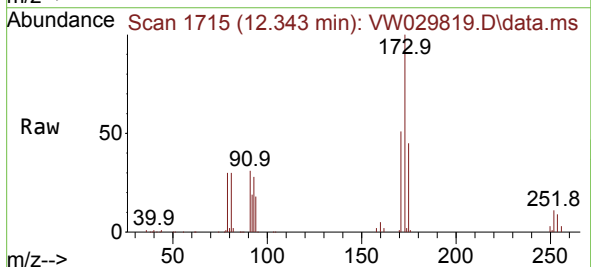
Tgt Ion:173 Resp: 43642

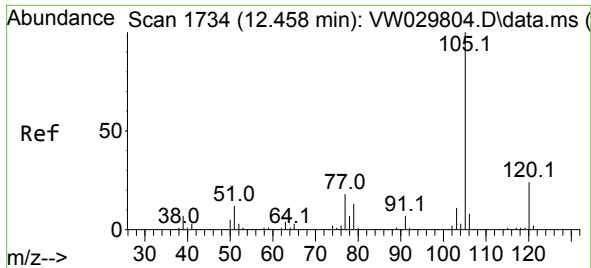
Ion Ratio Lower Upper

173 100

175 46.3 38.1 57.1

254 9.8 7.8 11.6

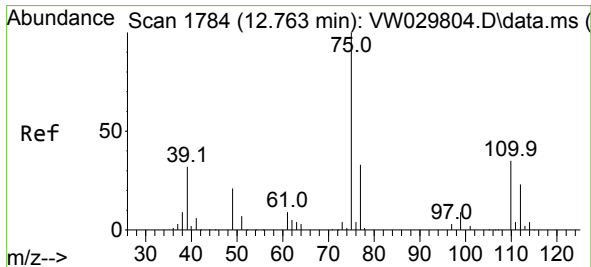
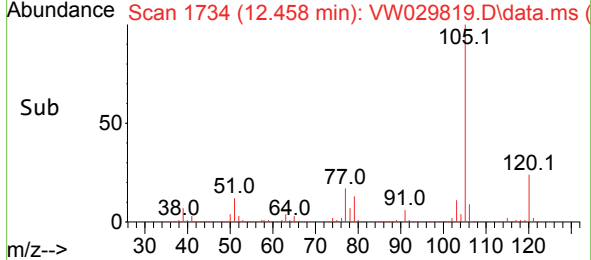
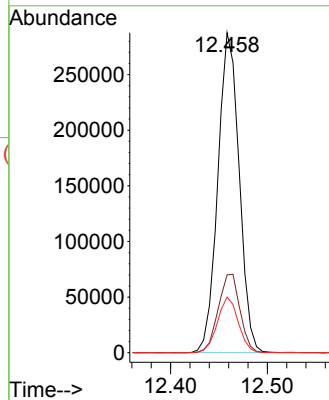
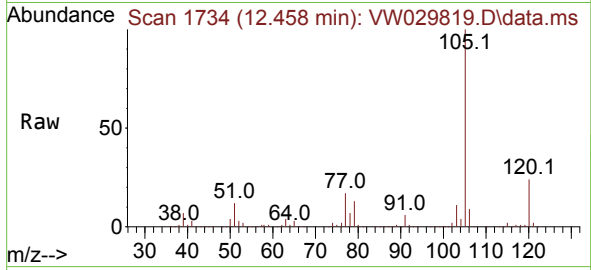




#60
Isopropylbenzene
Concen: 26.677 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

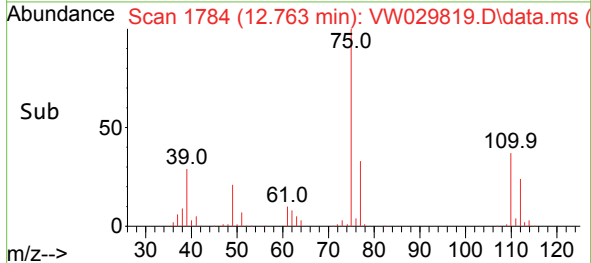
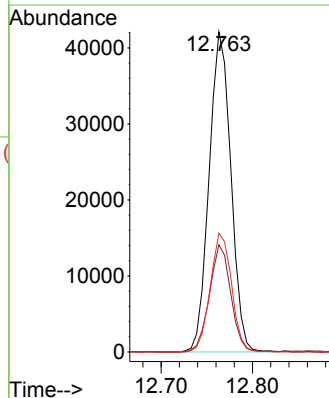
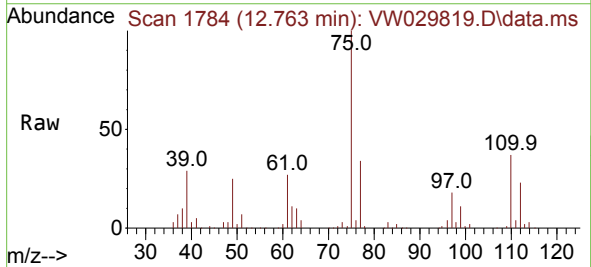
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

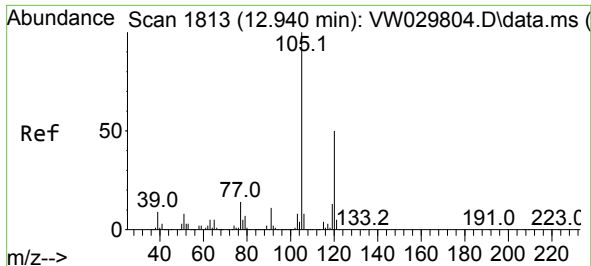
Tgt Ion:105 Resp: 440391
Ion Ratio Lower Upper
105 100
120 25.0 20.3 30.5
77 16.9 14.0 21.0



#61
1,2,3-Trichloropropane
Concen: 26.853 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

Tgt Ion: 75 Resp: 69674
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0
110 36.4 28.6 43.0





#62

1,3,5-Trimethylbenzene

Concen: 29.154 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029819.D

Acq: 31 Jul 2024 16:54

Instrument :

MSVOA_W

ClientSampleId :

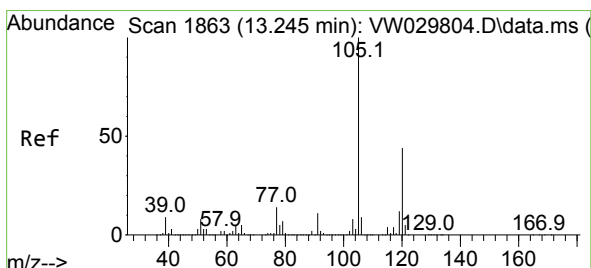
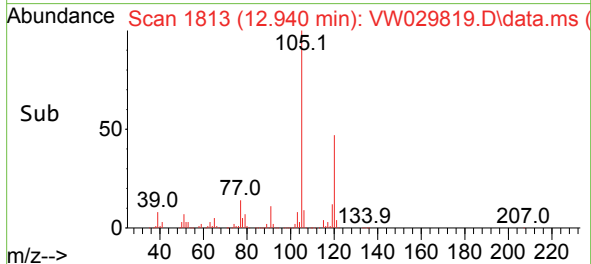
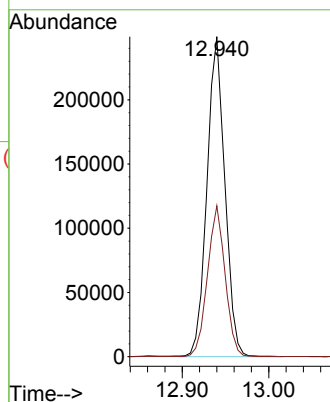
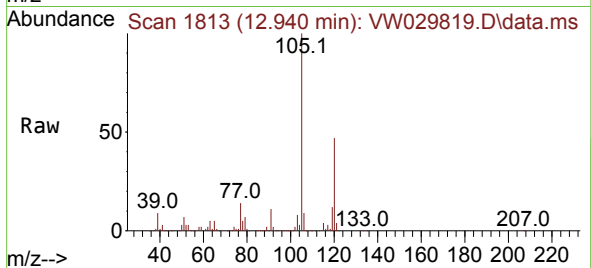
VSTD025564

Tgt Ion:105 Resp: 357734

Ion Ratio Lower Upper

105 100

120 46.6 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 27.868 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029819.D

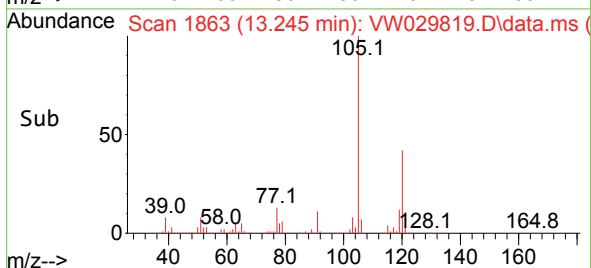
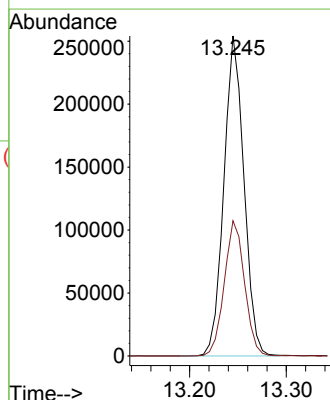
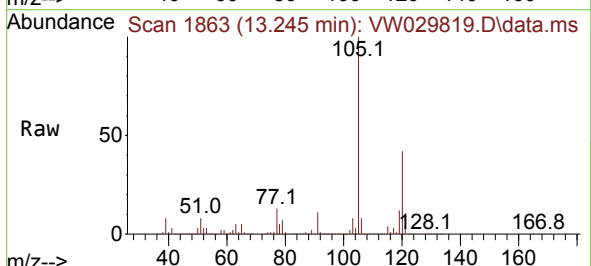
Acq: 31 Jul 2024 16:54

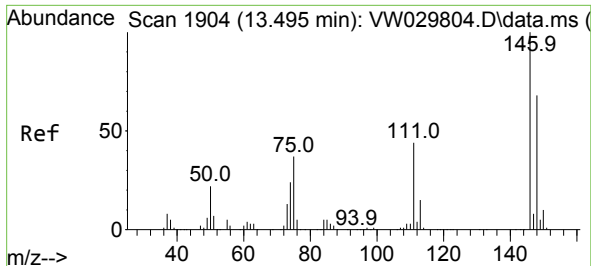
Tgt Ion:105 Resp: 365699

Ion Ratio Lower Upper

105 100

120 42.6 35.4 53.0

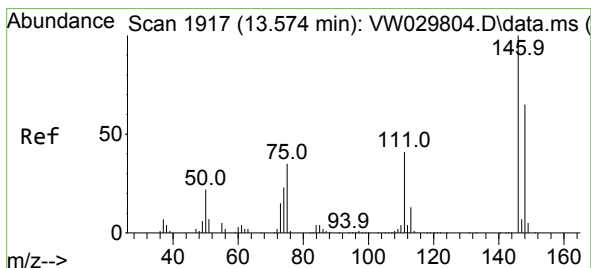
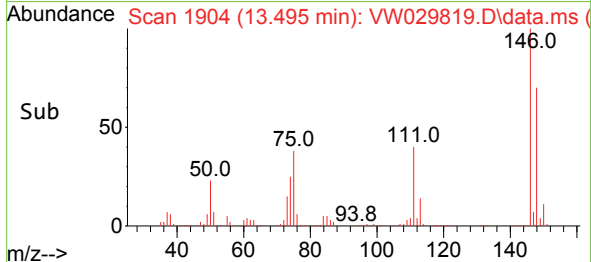
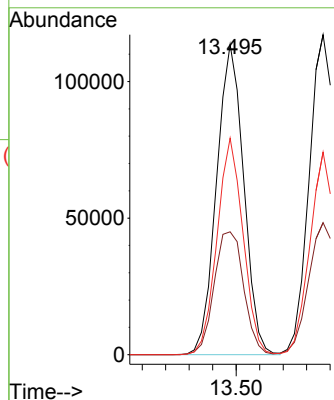
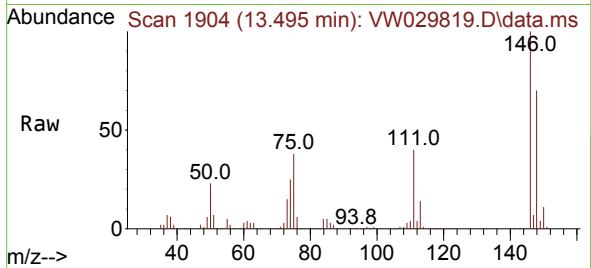




#64
1,3-Dichlorobenzene
Concen: 25.927 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

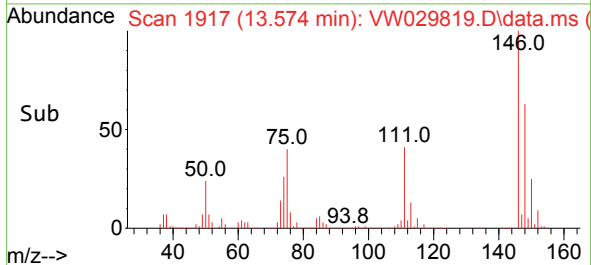
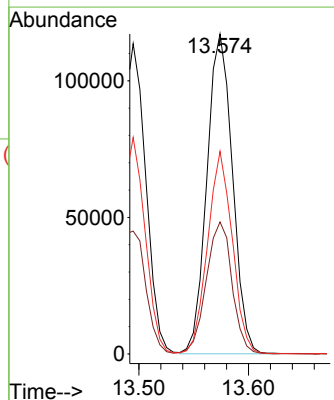
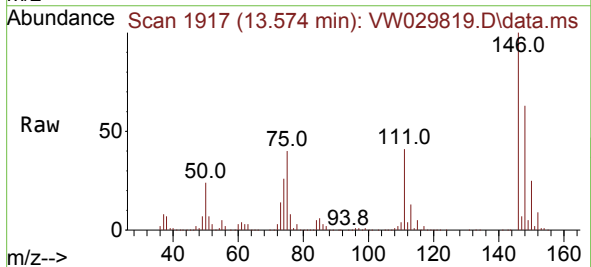
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

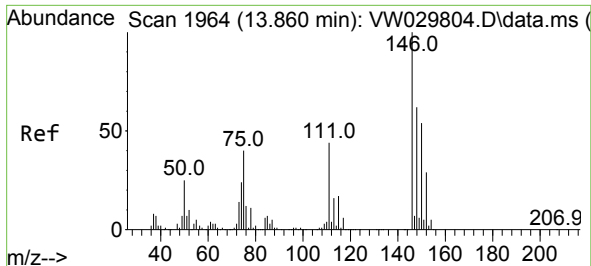
Tgt Ion:146 Resp: 182608
Ion Ratio Lower Upper
146 100
111 39.6 28.7 53.3
148 69.8 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 26.311 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029819.D
Acq: 31 Jul 2024 16:54

Tgt Ion:146 Resp: 190354
Ion Ratio Lower Upper
146 100
111 41.2 30.1 55.9
148 63.3 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 26.301 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW029819.D

Acq: 31 Jul 2024 16:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD025564

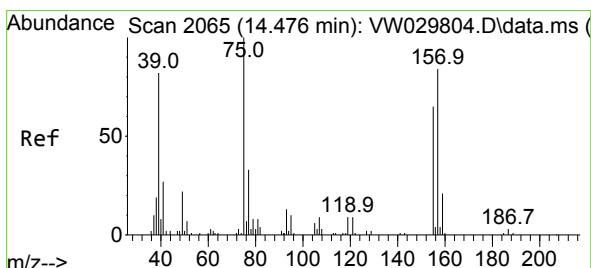
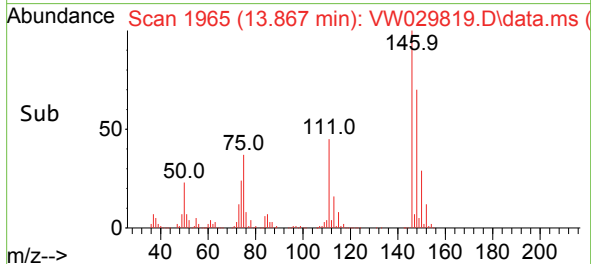
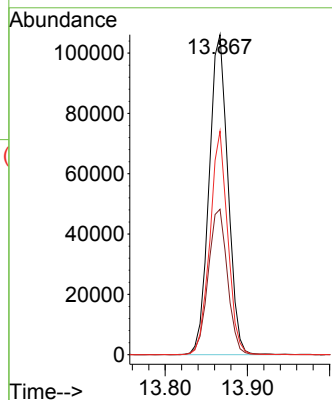
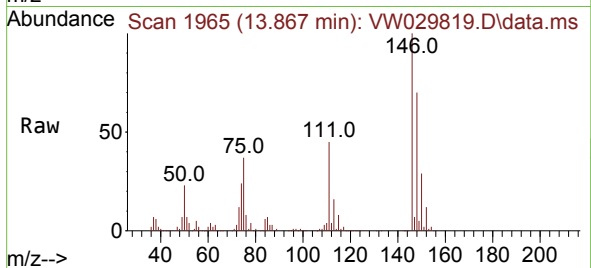
Tgt Ion:146 Resp: 168654

Ion Ratio Lower Upper

146 100

111 45.5 35.8 53.8

148 69.8 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 25.590 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW029819.D

Acq: 31 Jul 2024 16:54

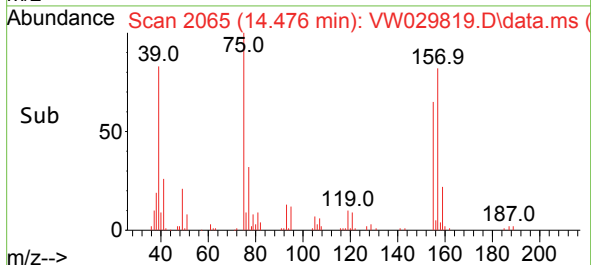
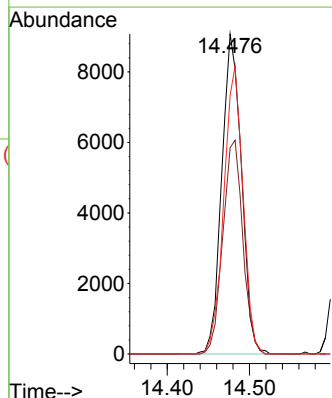
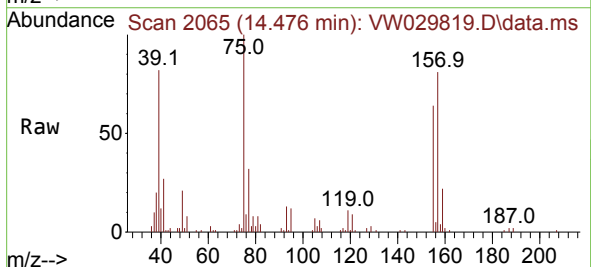
Tgt Ion: 75 Resp: 15076

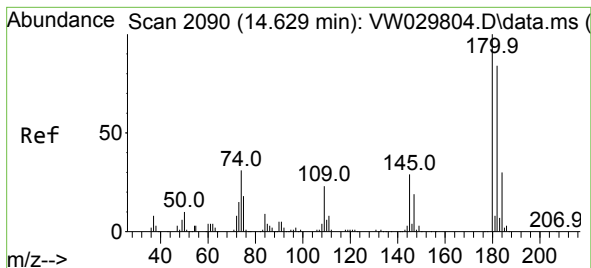
Ion Ratio Lower Upper

75 100

155 64.4 47.8 71.6

157 80.8 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 24.731 ug/L

RT: 14.629 min Scan# 2090

Delta R.T. 0.000 min

Lab File: VW029819.D

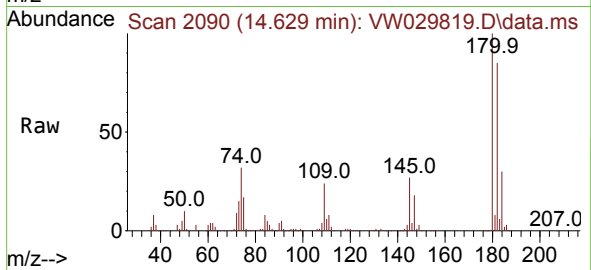
Acq: 31 Jul 2024 16:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD025564



Tgt Ion:180 Resp: 119175

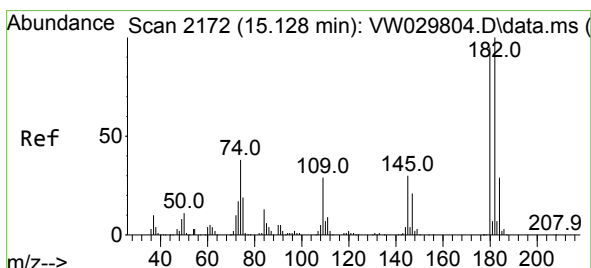
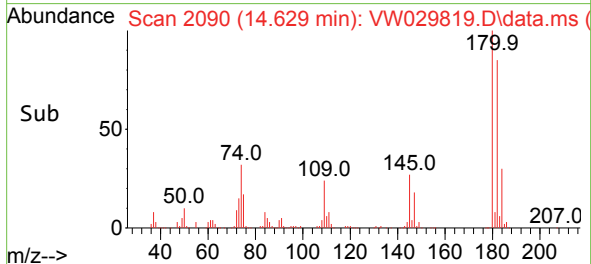
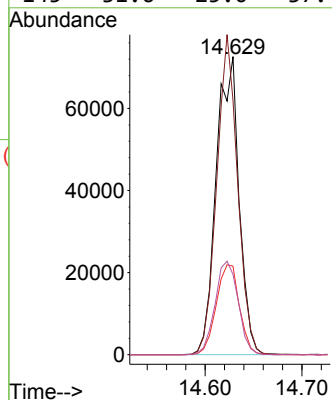
Ion Ratio Lower Upper

180 100

182 97.5 72.7 109.1

184 30.6 23.3 34.9

145 31.6 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 25.954 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW029819.D

Acq: 31 Jul 2024 16:54

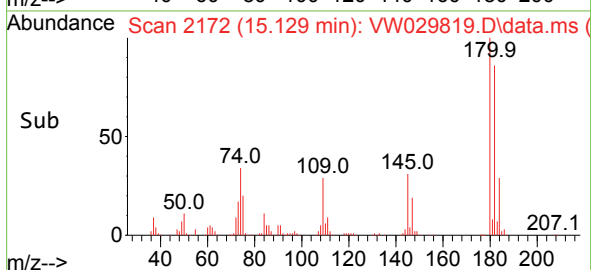
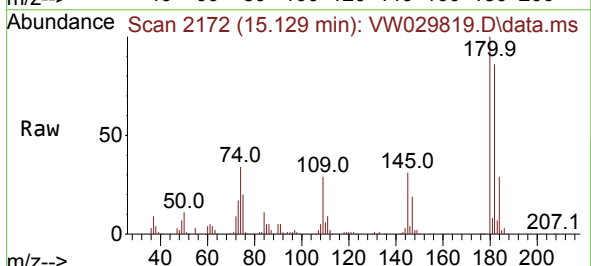
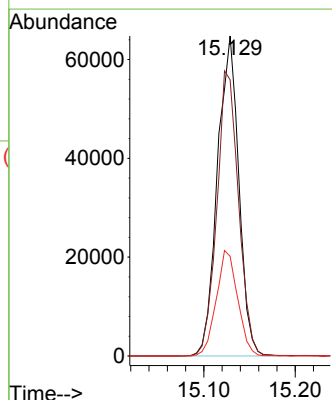
Tgt Ion:180 Resp: 105369

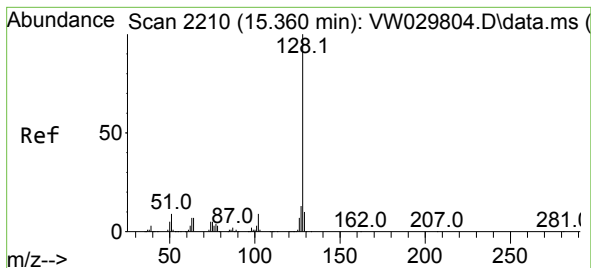
Ion Ratio Lower Upper

180 100

182 90.4 80.2 120.4

145 32.9 26.3 39.5





#71

Naphthalene

Concen: 28.585 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW029819.D

Acq: 31 Jul 2024 16:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD025564

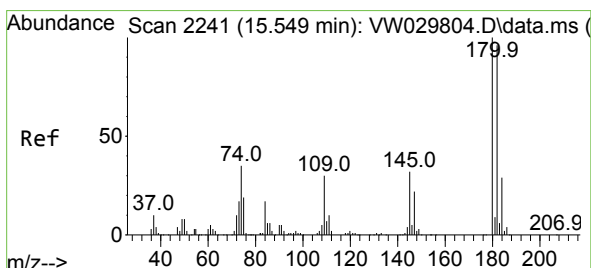
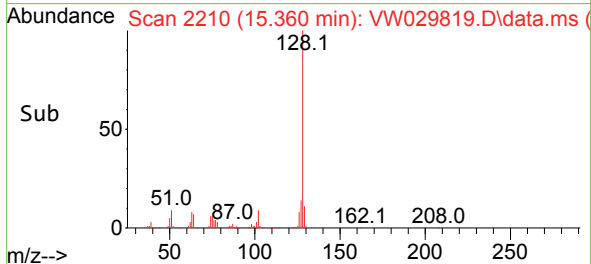
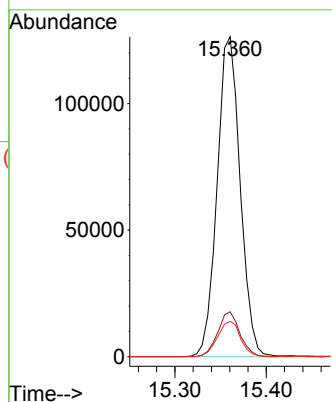
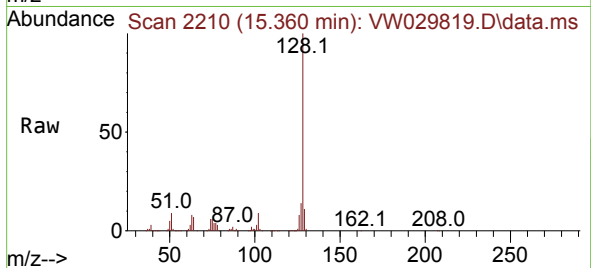
Tgt Ion:128 Resp: 221431

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 25.731 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW029819.D

Acq: 31 Jul 2024 16:54

Tgt Ion:180 Resp: 94547

Ion Ratio Lower Upper

180 100

182 100.6 74.0 111.0

145 35.4 27.5 41.3

