

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031524\
 Data File : VW028199.D
 Acq On : 15 Mar 2024 09:11
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025517

Quant Time: Mar 18 01:15:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 15 01:46:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	190719	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	174580	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	95585	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	50308	22.544	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.160%
7) Chloroethane-d5	2.899	69	37326	23.942	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.760%
11) 1,1-Dichloroethene-d2	4.021	65	34296	24.236	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.960%
21) 2-Butanone-d5	7.075	46	36757	55.848	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.700%
24) Chloroform-d	7.648	84	153755	27.340	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.360%
26) 1,2-Dichloroethane-d4	8.307	65	85887	27.713	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.840%
32) Benzene-d6	8.270	84	295487	27.722	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.880%
36) 1,2-Dichloropropane-d6	9.270	67	83956	27.371	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.480%
41) Toluene-d8	10.319	98	273143	27.783	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.120%
43) trans-1,3-Dichloroprop...	10.575	79	39572	28.405	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.600%
47) 2-Hexanone-d5	10.922	63	30855	60.856	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	66253	29.240	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	90346	25.947	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	57898	20.927	ug/L	90
3) Chloromethane	2.223	50	40424	20.601	ug/L	98
5) Vinyl chloride	2.375	62	45908	20.697	ug/L	93
6) Bromomethane	2.789	94	28891	21.871	ug/L	89
8) Chloroethane	2.936	64	27302	22.900	ug/L	97
9) Trichlorofluoromethane	3.265	101	55798	20.806	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	61841	23.212	ug/L #	81
12) 1,1-Dichloroethene	4.045	96	56452	22.922	ug/L	91
13) Acetone	4.125	43	33337	45.619	ug/L	99
14) Carbon disulfide	4.393	76	172768	22.492	ug/L	100
15) Methyl Acetate	4.667	43	26436	23.486	ug/L	99
16) Methylene chloride	4.923	84	60234	20.751	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	60920	23.276	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	95477	24.179	ug/L	100
19) 1,1-Dichloroethane	6.216	63	119950	23.673	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	67539	23.893	ug/L	98
22) 2-Butanone	7.167	43	40335	48.614	ug/L	96
23) Bromochloromethane	7.514	128	29519	23.621	ug/L	93
25) Chloroform	7.673	83	125723	24.102	ug/L	100

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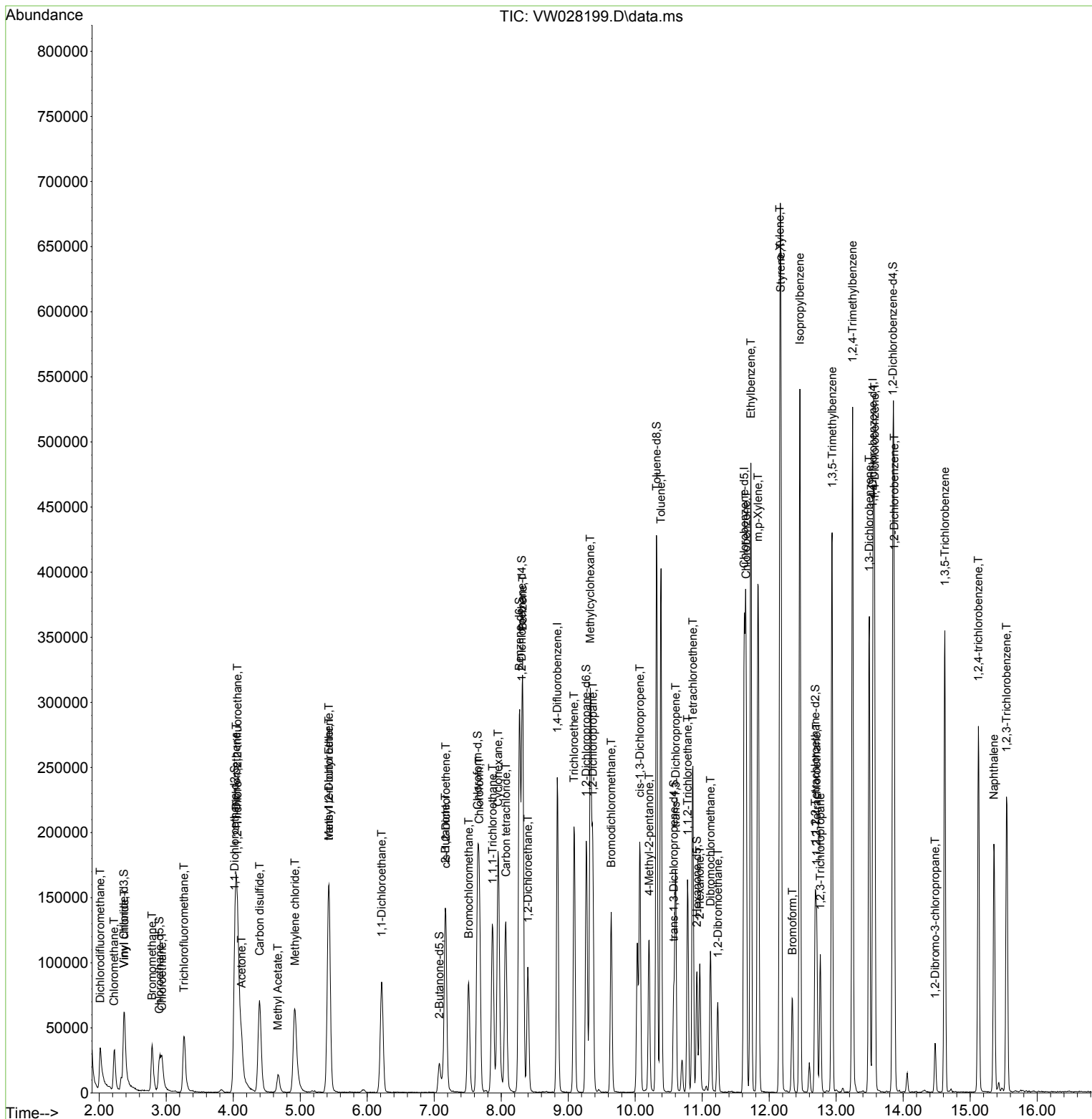
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025517

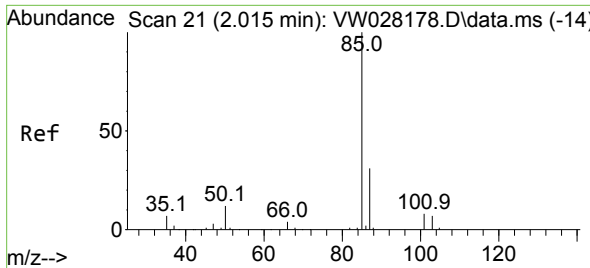
Quant Time: Mar 18 01:15:43 2024
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 Quant Title : SFAM01.0
 QLast Update : Fri Mar 15 01:46:51 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	89677	24.344	ug/L	98
29) Cyclohexane	7.953	56	108467	23.820	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	109669	23.964	ug/L	99
31) Carbon tetrachloride	8.069	117	103918	24.209	ug/L	97
33) Benzene	8.319	78	258516	24.064	ug/L	100
34) Trichloroethene	9.087	95	69493	23.186	ug/L	97
35) Methylcyclohexane	9.331	83	119790	23.645	ug/L	98
37) 1,2-Dichloropropane	9.368	63	67143	24.435	ug/L	100
38) Bromodichloromethane	9.642	83	90469	24.420	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	109074	24.786	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	77641	51.189	ug/L	99
42) Toluene	10.386	91	283176	24.152	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	93123	25.065	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	49776	25.072	ug/L	99
46) Tetrachloroethene	10.861	164	57344	23.735	ug/L	96
48) 2-Hexanone	10.965	43	60618	51.020	ug/L	97
49) Dibromochloromethane	11.123	129	57167	24.314	ug/L	100
50) 1,2-Dibromoethane	11.233	107	45849	24.152	ug/L	95
51) Chlorobenzene	11.654	112	179559	24.128	ug/L	98
52) Ethylbenzene	11.727	91	330186	24.124	ug/L	98
53) m,p-Xylene	11.837	106	124320	24.137	ug/L	94
54) o-Xylene	12.160	106	116981	24.492	ug/L	96
55) Styrene	12.172	104	204533	24.931	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	56365	24.821	ug/L	100
59) Bromoform	12.349	173	33807	23.603	ug/L	100
60) Isopropylbenzene	12.458	105	332132	23.387	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	42130	23.094	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	225926	23.709	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	273482	23.768	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	145811	23.014	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	146480	23.121	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	129010	23.645	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	10029	23.403	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	106254	24.076	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	86393	23.043	ug/L	96
71) Naphthalene	15.354	128	158974	24.704	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	74929	24.243	ug/L	99

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

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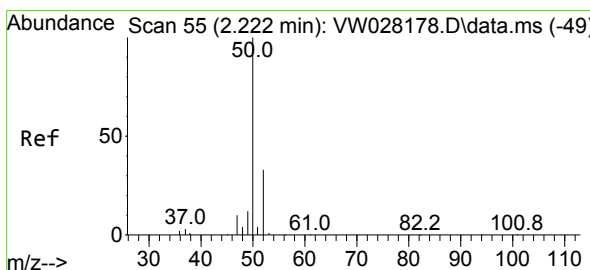
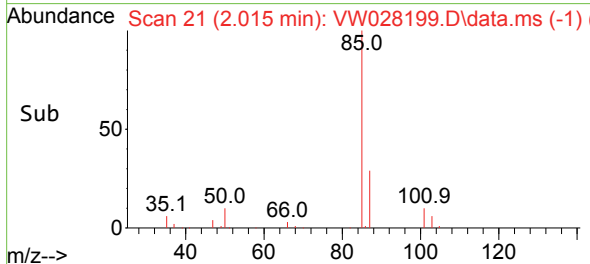
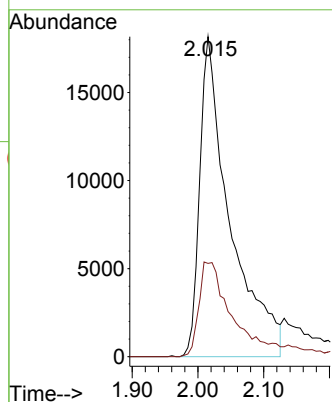
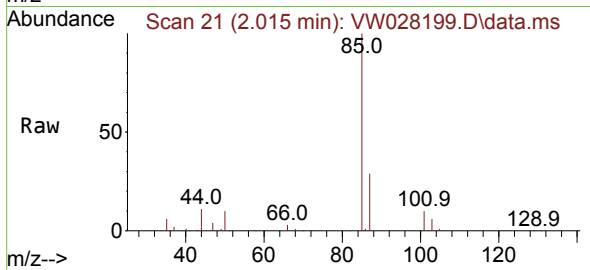




#2
 Dichlorodifluoromethane
 Concen: 20.927 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028199.D
 Acq: 15 Mar 2024 09:11

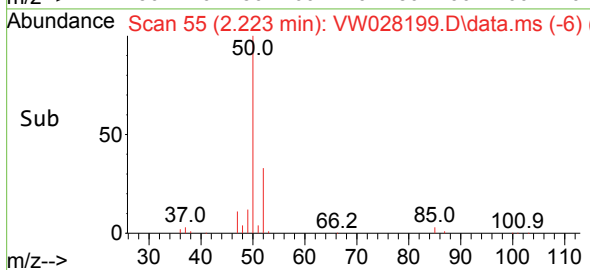
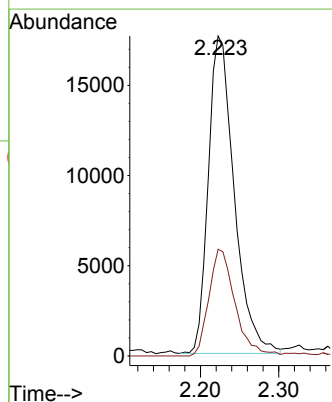
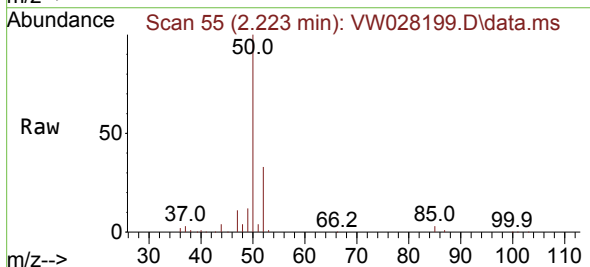
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025517

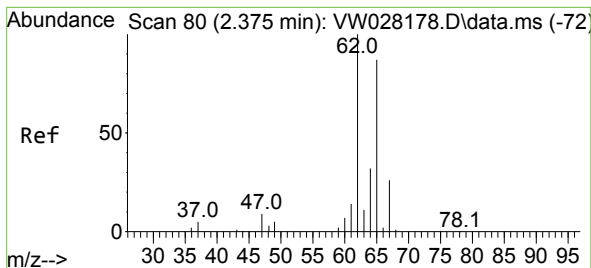
Tgt Ion: 85 Resp: 57898
 Ion Ratio Lower Upper
 85 100
 87 31.2 20.9 31.3



#3
 Chloromethane
 Concen: 20.601 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW028199.D
 Acq: 15 Mar 2024 09:11

Tgt Ion: 50 Resp: 40424
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.7 42.1





#5

Vinyl chloride

Concen: 20.697 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW028199.D

Acq: 15 Mar 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :

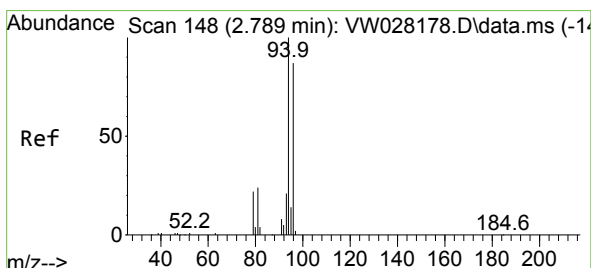
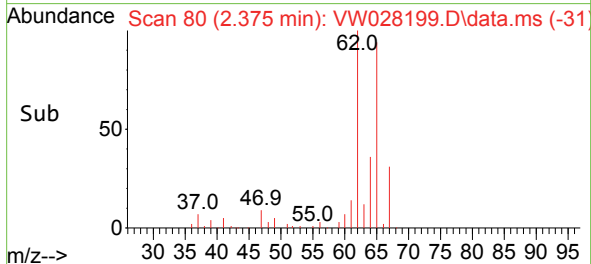
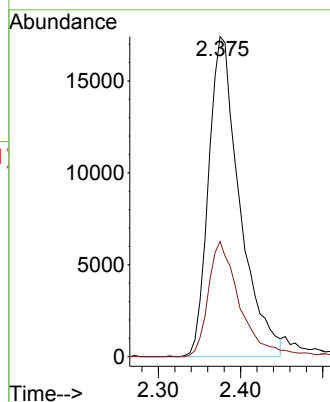
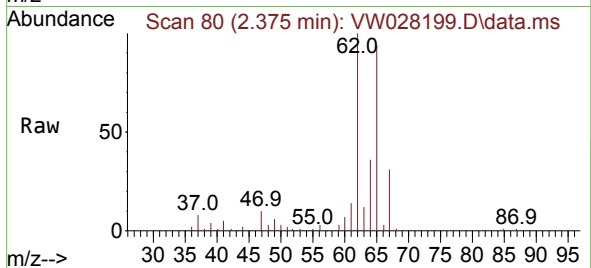
VSTD025517

Tgt Ion: 62 Resp: 45908

Ion Ratio Lower Upper

62 100

64 36.0 22.5 41.7



#6

Bromomethane

Concen: 21.871 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW028199.D

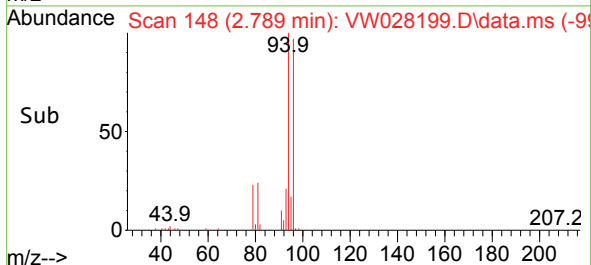
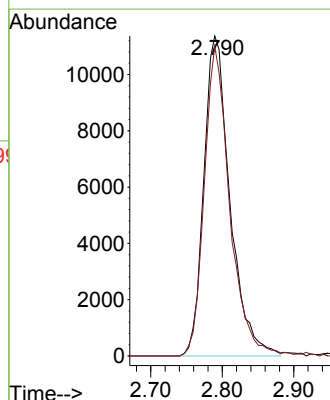
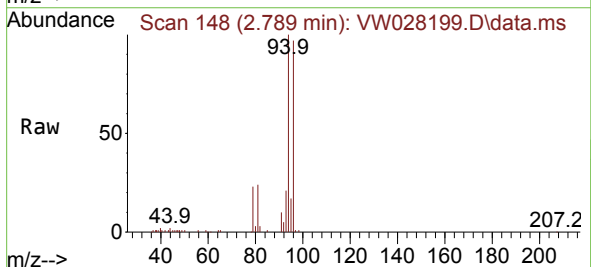
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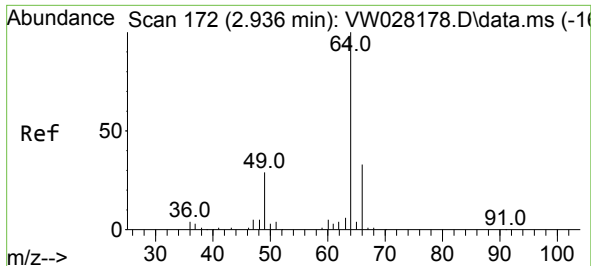
Tgt Ion: 94 Resp: 28891

Ion Ratio Lower Upper

94 100

96 96.8 60.8 113.0

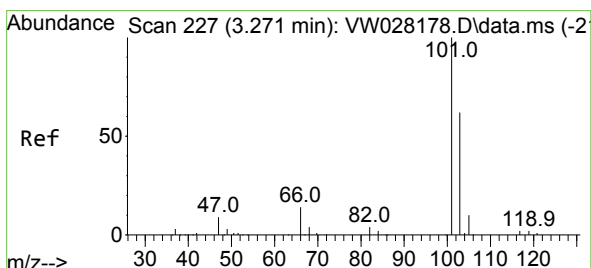
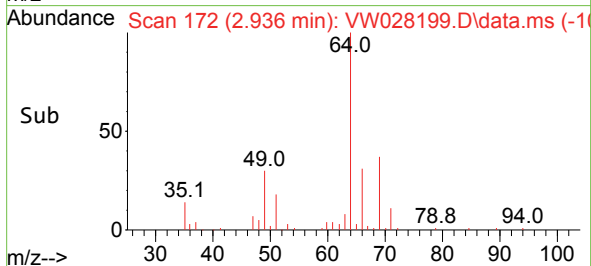
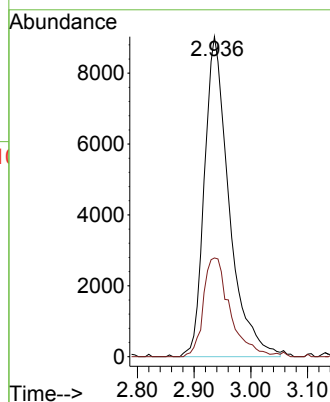
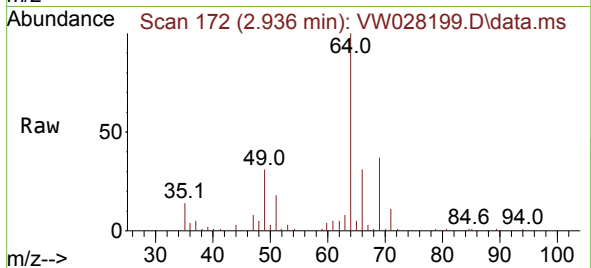




#8
Chloroethane
Concen: 22.900 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

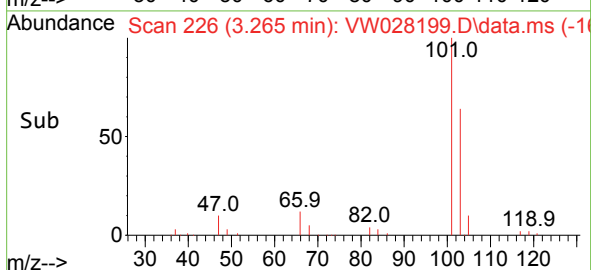
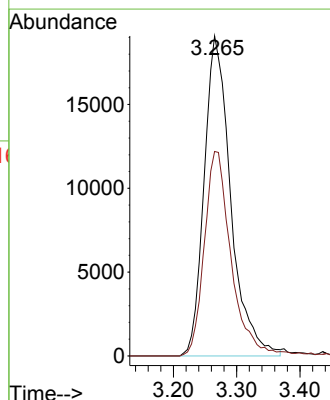
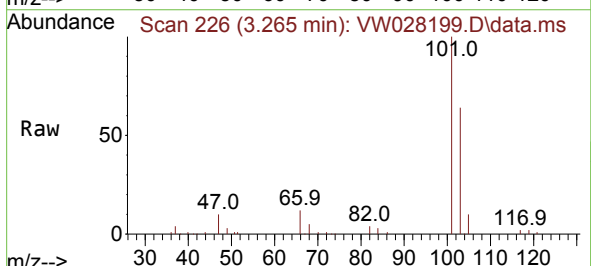
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

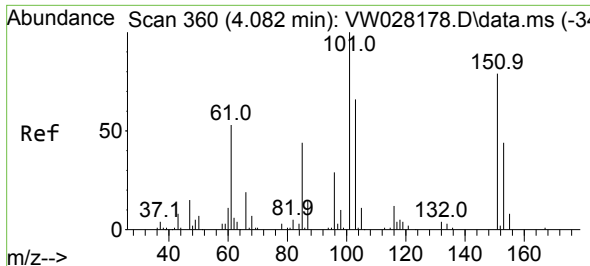
Tgt Ion: 64 Resp: 27302
Ion Ratio Lower Upper
64 100
66 30.8 22.9 42.5



#9
Trichlorofluoromethane
Concen: 20.806 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

Tgt Ion:101 Resp: 55798
Ion Ratio Lower Upper
101 100
103 63.7 50.9 76.3

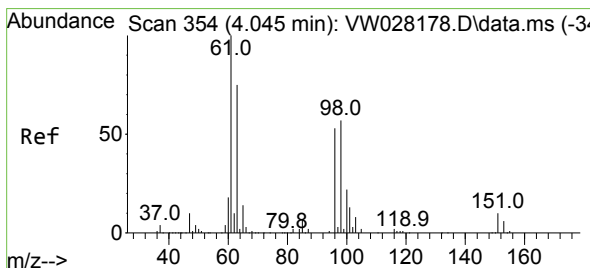
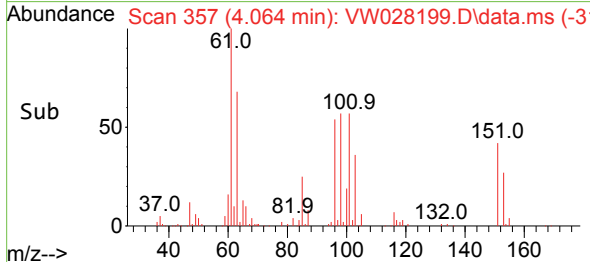
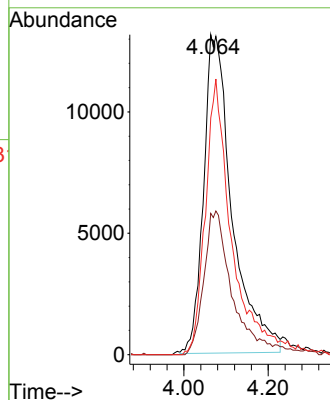
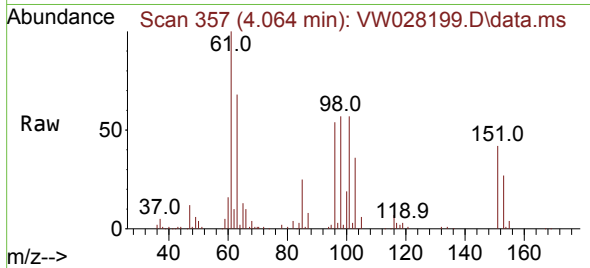




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.212 ug/L
 RT: 4.064 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: VW028199.D
 Acq: 15 Mar 2024 09:11

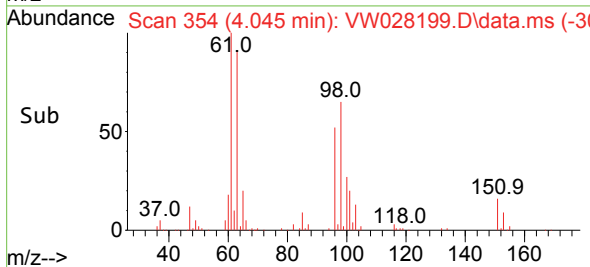
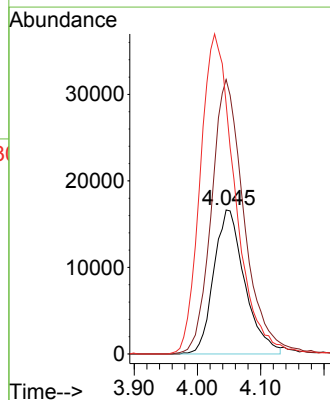
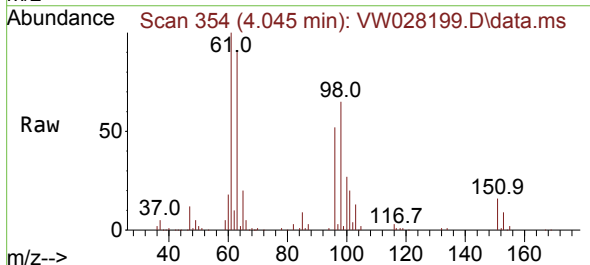
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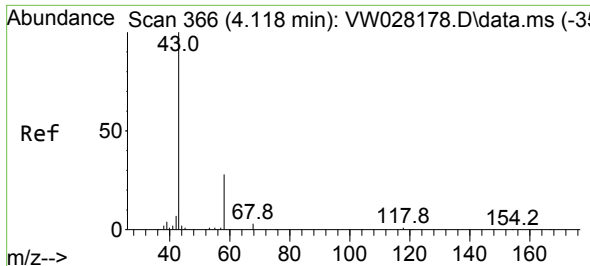
Tgt Ion:101 Resp: 61841
 Ion Ratio Lower Upper
 101 100
 85 16.6 36.4 54.6#
 151 70.3 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 22.922 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW028199.D
 Acq: 15 Mar 2024 09:11

Tgt Ion: 96 Resp: 56452
 Ion Ratio Lower Upper
 96 100
 61 190.6 132.2 245.4
 63 173.8 104.6 194.2

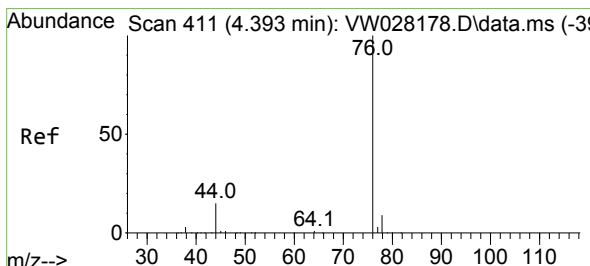
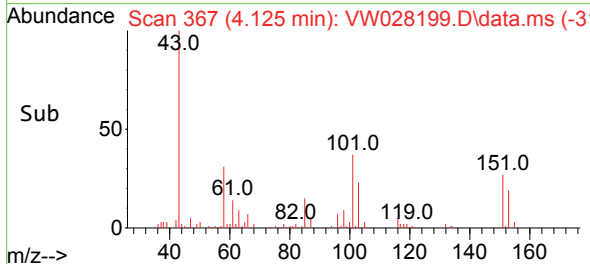
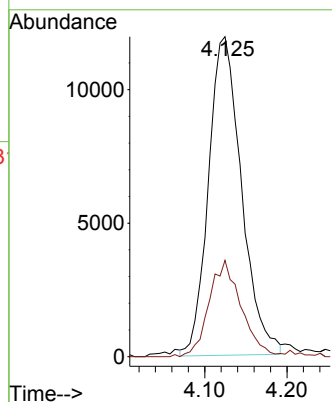
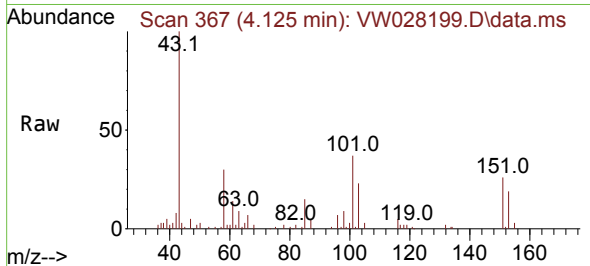




#13
Acetone
Concen: 45.619 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

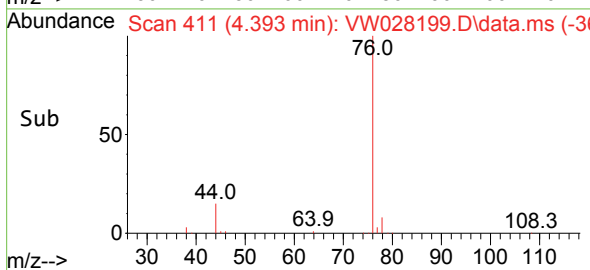
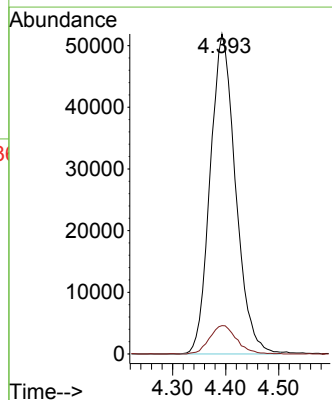
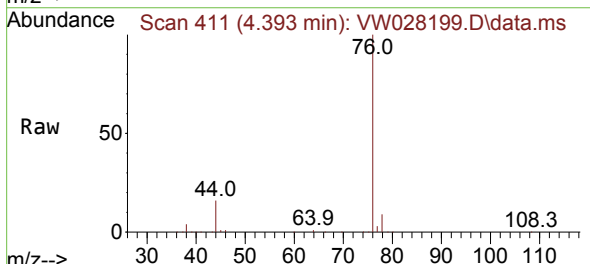
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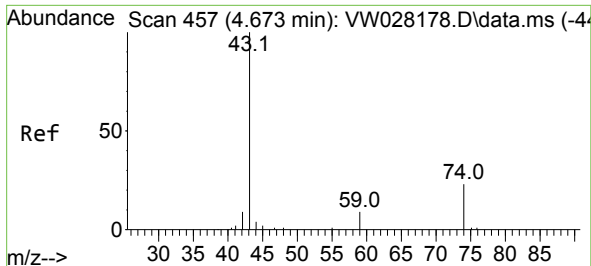
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Ion Ratio Lower Upper
43 100
58 29.4 0.0 57.8



#14
Carbon disulfide
Concen: 22.492 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

Tgt Ion: 76 Resp: 172768
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

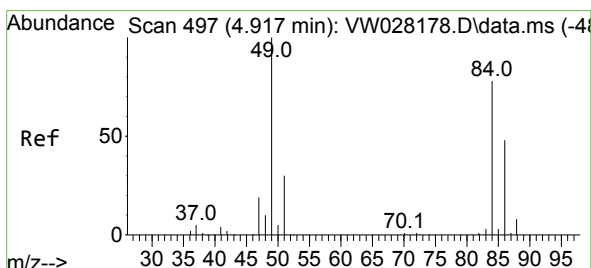
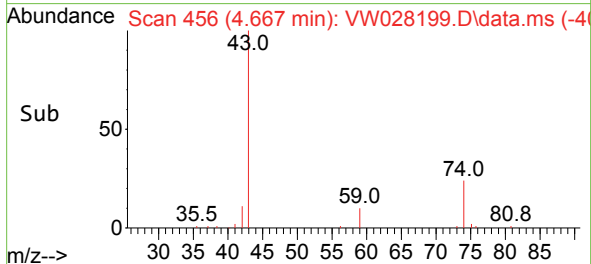
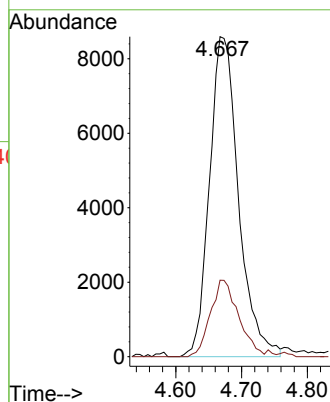
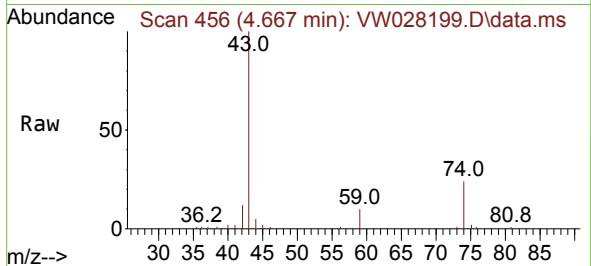




#15
Methyl Acetate
Concen: 23.486 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

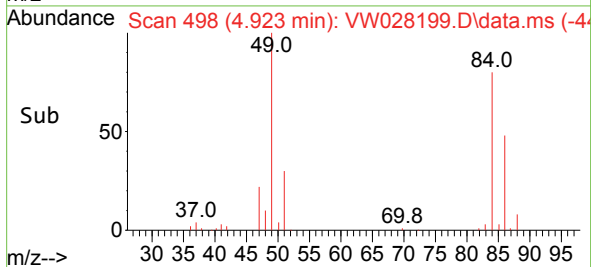
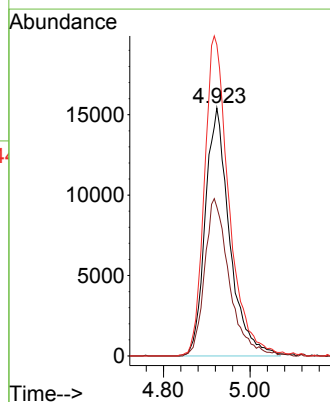
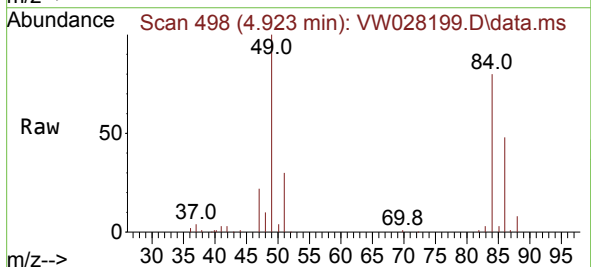
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

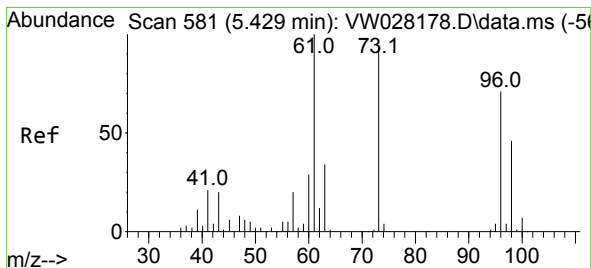
Tgt Ion: 43 Resp: 26436
Ion Ratio Lower Upper
43 100
74 23.2 18.2 27.2



#16
Methylene chloride
Concen: 20.751 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

Tgt Ion: 84 Resp: 60234
Ion Ratio Lower Upper
84 100
86 60.0 43.1 80.1
49 125.5 89.4 166.0





#17

trans-1,2-Dichloroethene

Concen: 23.276 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028199.D

Acq: 15 Mar 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025517

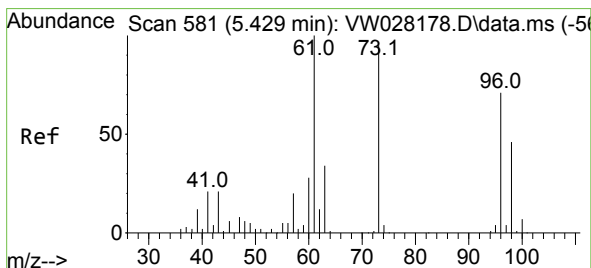
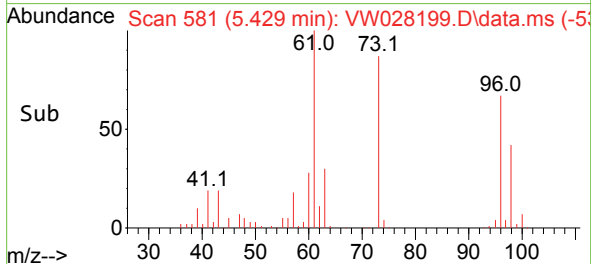
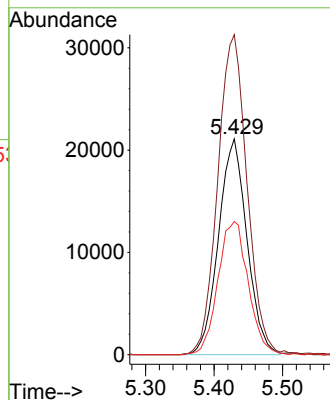
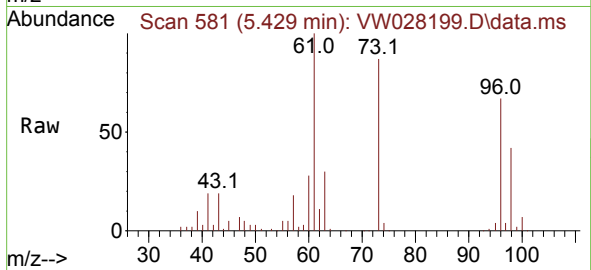
Tgt Ion: 96 Resp: 60920

Ion Ratio Lower Upper

96 100

61 148.3 98.4 182.8

98 61.7 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 24.179 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028199.D

Acq: 15 Mar 2024 09:11

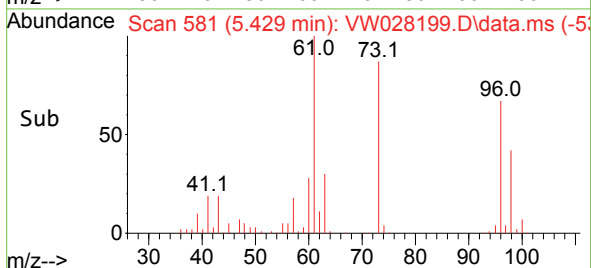
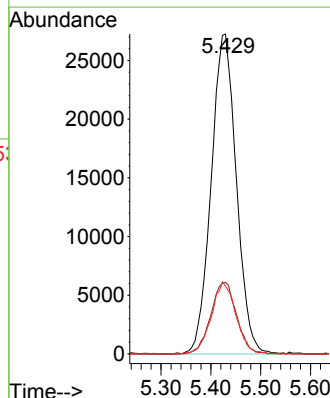
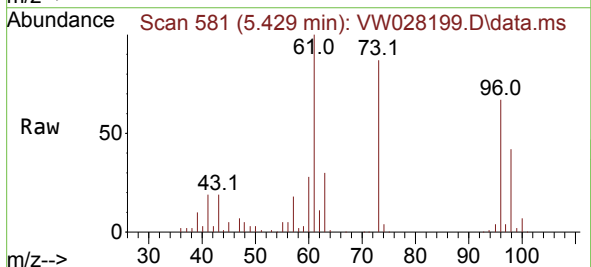
Tgt Ion: 73 Resp: 95477

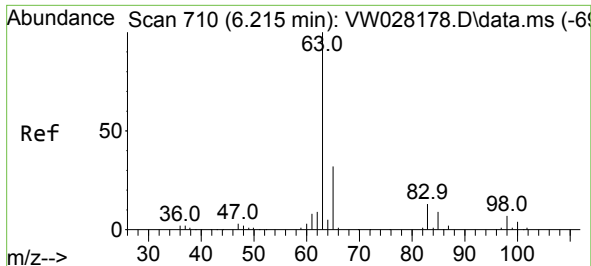
Ion Ratio Lower Upper

73 100

43 22.8 18.2 27.4

57 21.8 17.4 26.2





#19

1,1-Dichloroethane

Concen: 23.673 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW028199.D

Acq: 15 Mar 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025517

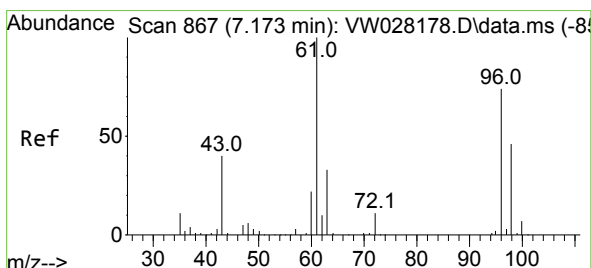
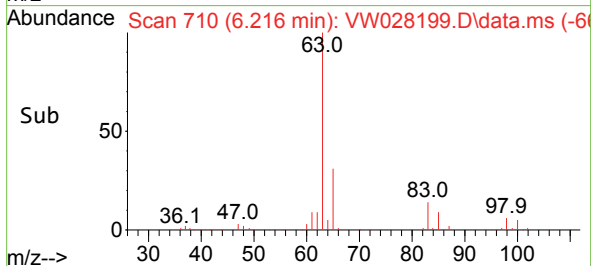
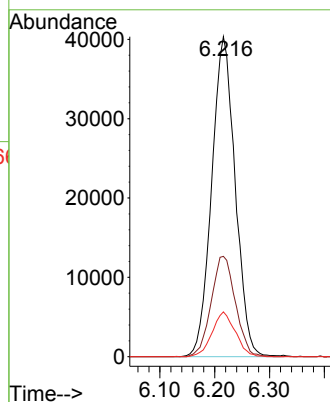
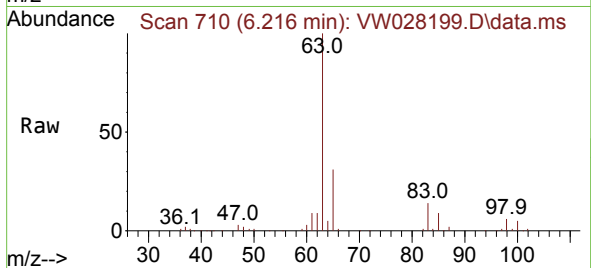
Tgt Ion: 63 Resp: 119950

Ion Ratio Lower Upper

63 100

65 31.3 22.1 41.1

83 14.0 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 23.893 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW028199.D

Acq: 15 Mar 2024 09:11

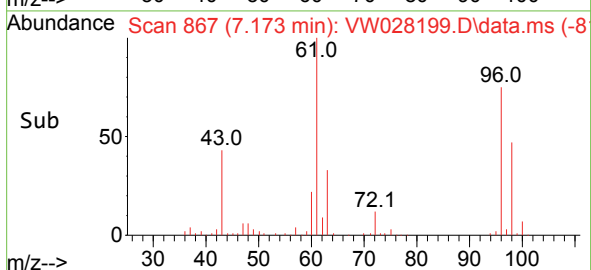
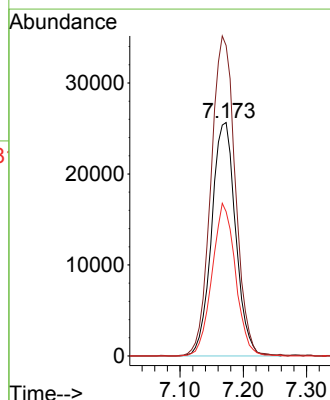
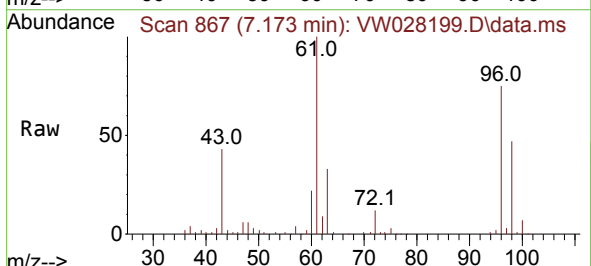
Tgt Ion: 96 Resp: 67539

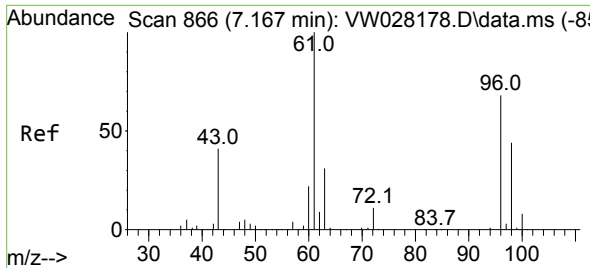
Ion Ratio Lower Upper

96 100

61 133.0 95.7 177.7

98 61.8 43.9 81.5

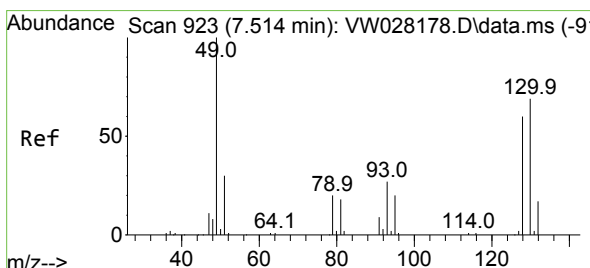
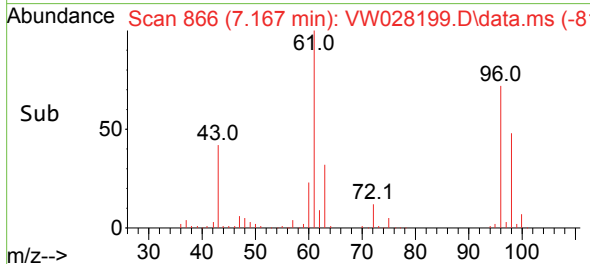
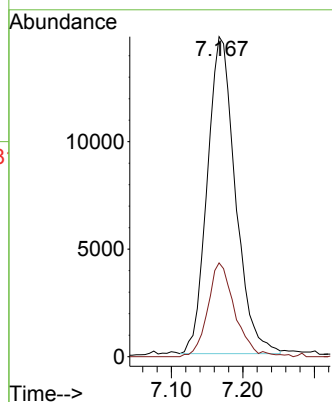
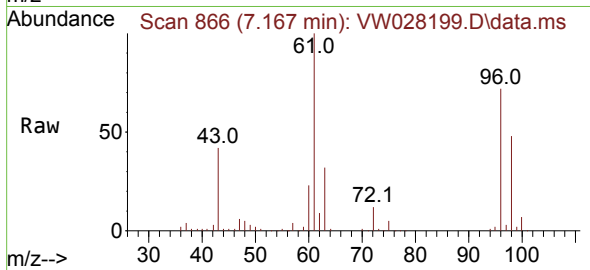




#22
2-Butanone
Concen: 48.614 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

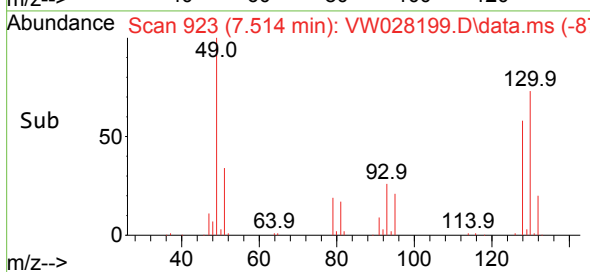
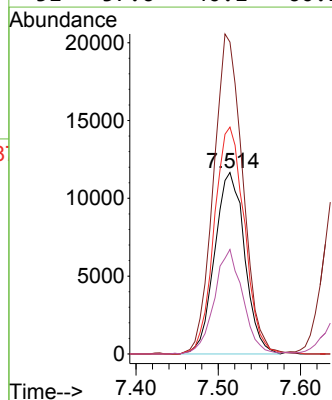
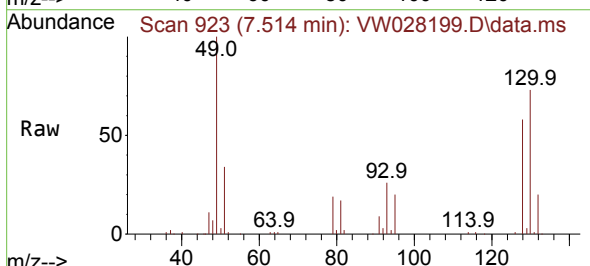
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

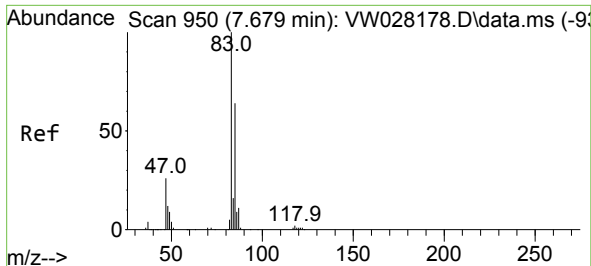
Tgt Ion: 43 Resp: 40335
Ion Ratio Lower Upper
43 100
72 27.7 12.8 38.4



#23
Bromochloromethane
Concen: 23.621 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

Tgt Ion: 128 Resp: 29519
Ion Ratio Lower Upper
128 100
49 171.8 116.6 216.6
130 125.0 80.1 148.7
51 57.6 40.1 60.1

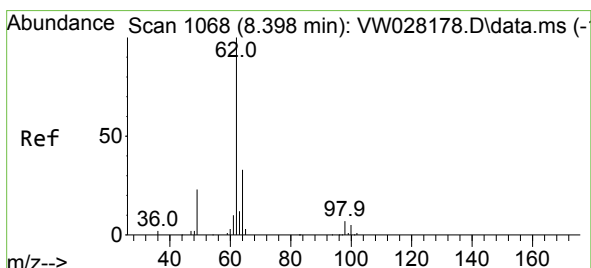
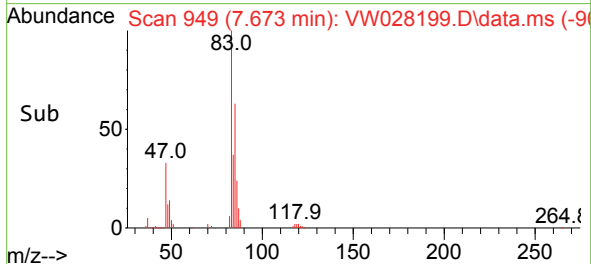
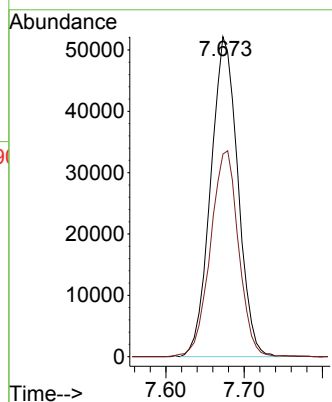
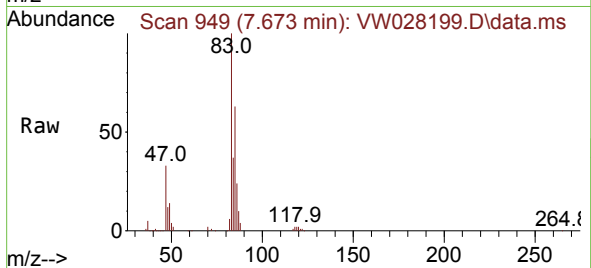




#25
Chloroform
Concen: 24.102 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

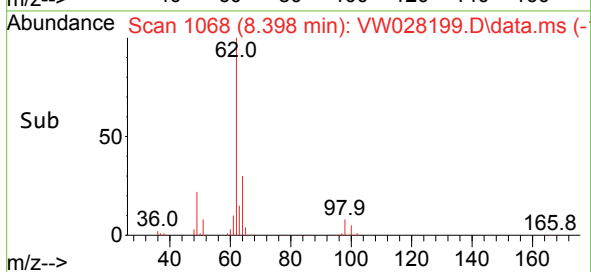
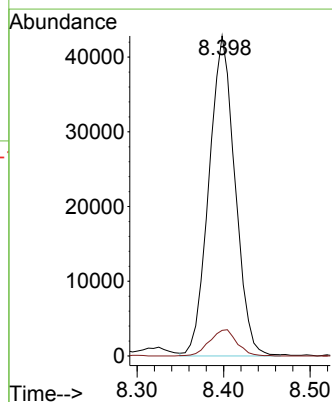
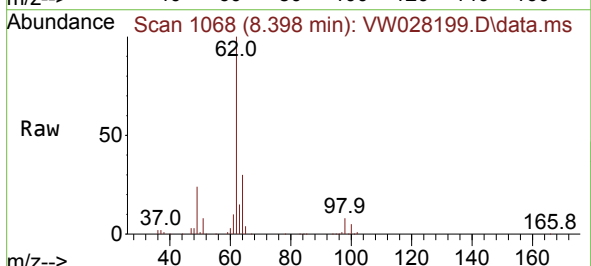
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

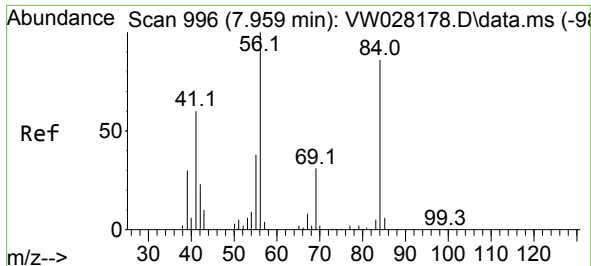
Tgt Ion: 83 Resp: 125723
Ion Ratio Lower Upper
83 100
85 63.3 44.5 82.7



#27
1,2-Dichloroethane
Concen: 24.344 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

Tgt Ion: 62 Resp: 89677
Ion Ratio Lower Upper
62 100
98 8.0 5.9 8.9





#29

Cyclohexane

Concen: 23.820 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW028199.D

Acq: 15 Mar 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025517

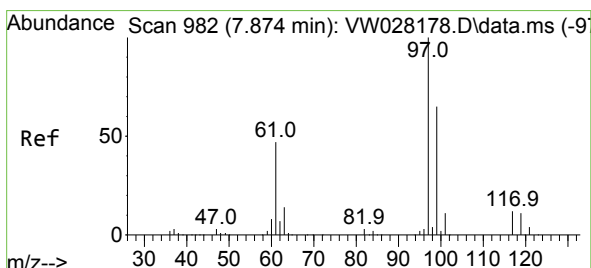
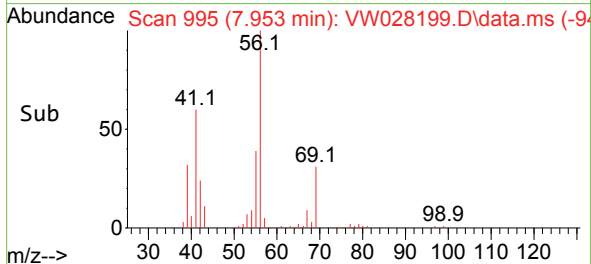
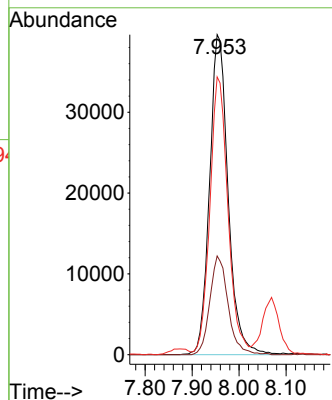
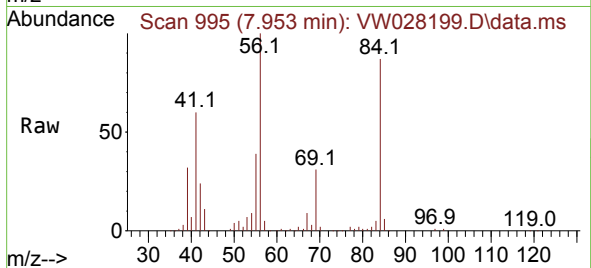
Tgt Ion: 56 Resp: 108467

Ion Ratio Lower Upper

56 100

69 30.3 24.0 36.0

84 84.6 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 23.964 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028199.D

Acq: 15 Mar 2024 09:11

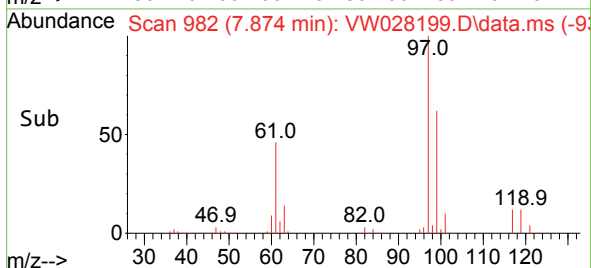
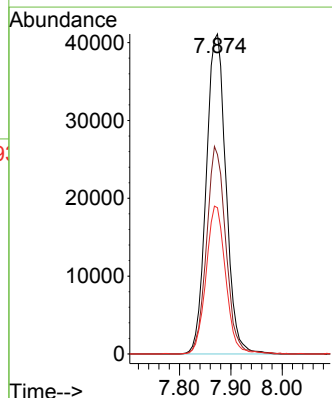
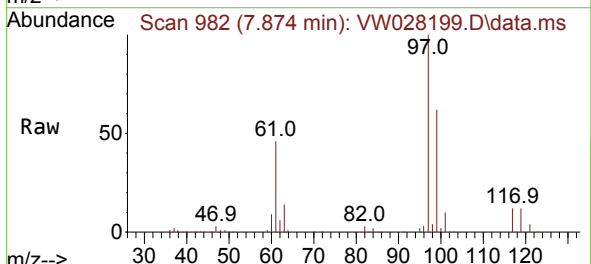
Tgt Ion: 97 Resp: 109669

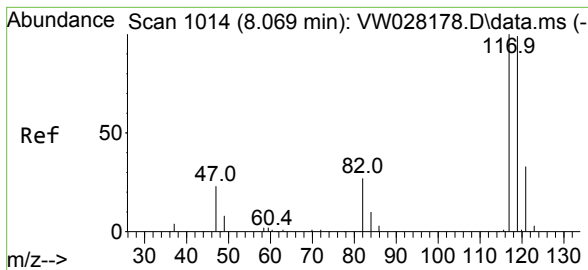
Ion Ratio Lower Upper

97 100

99 63.3 51.3 76.9

61 45.6 37.0 55.6

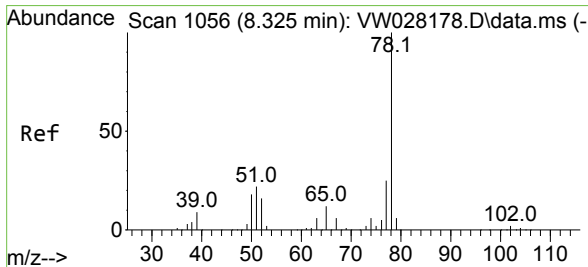
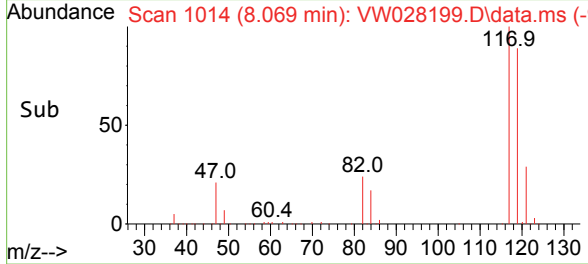
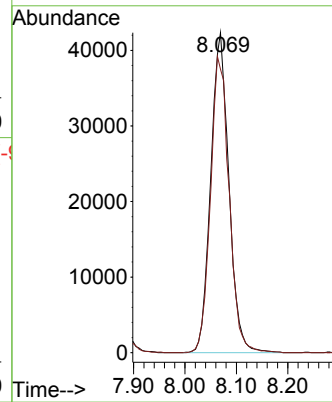
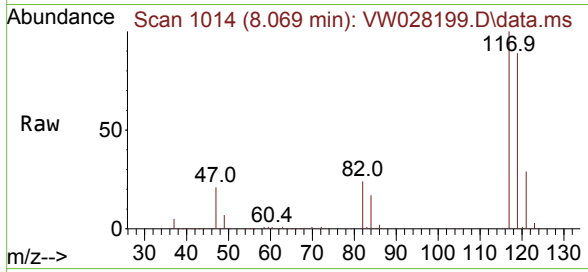




#31
Carbon tetrachloride
Concen: 24.209 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

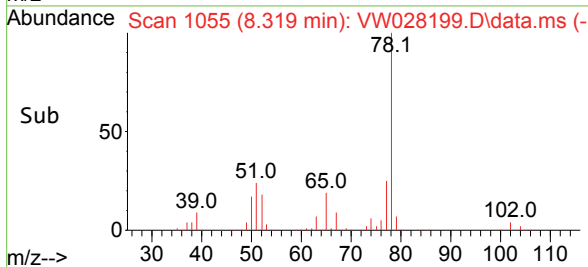
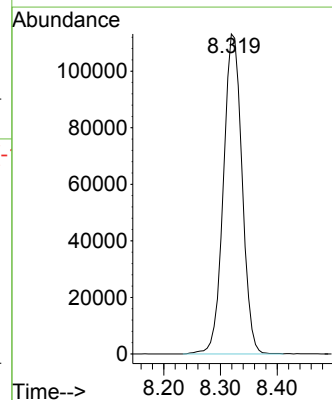
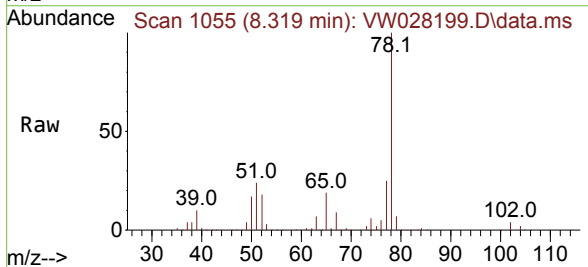
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

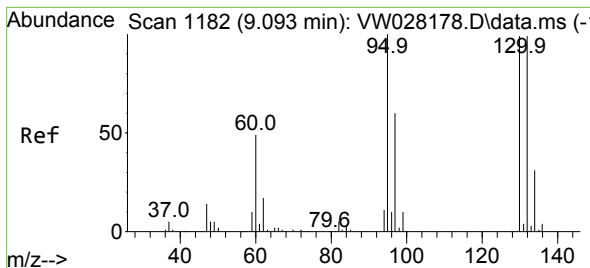
Tgt Ion:117 Resp: 103918
Ion Ratio Lower Upper
117 100
119 94.9 78.2 117.4



#33
Benzene
Concen: 24.064 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

Tgt Ion: 78 Resp: 258516





#34

Trichloroethene

Concen: 23.186 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW028199.D

Acq: 15 Mar 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025517

Tgt Ion: 95 Resp: 69493

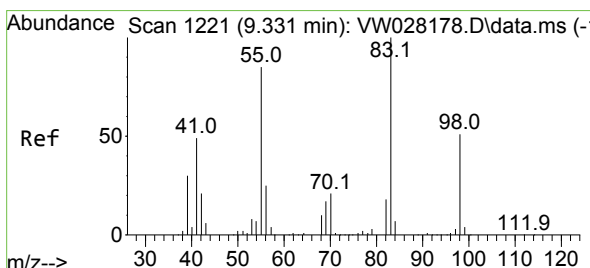
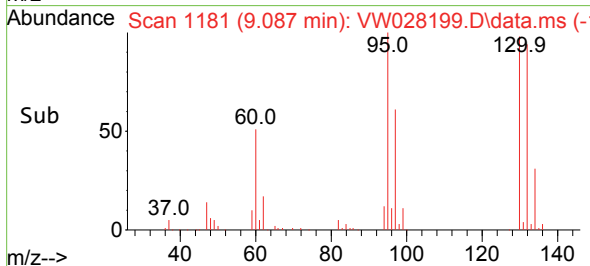
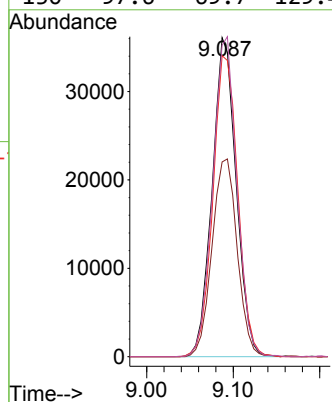
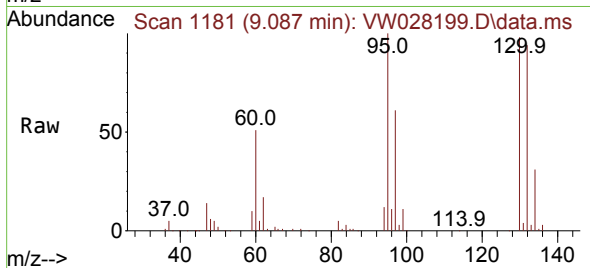
Ion Ratio Lower Upper

95 100

97 61.0 42.4 78.6

132 94.3 69.4 128.8

130 97.6 69.7 129.4



#35

Methylcyclohexane

Concen: 23.645 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW028199.D

Acq: 15 Mar 2024 09:11

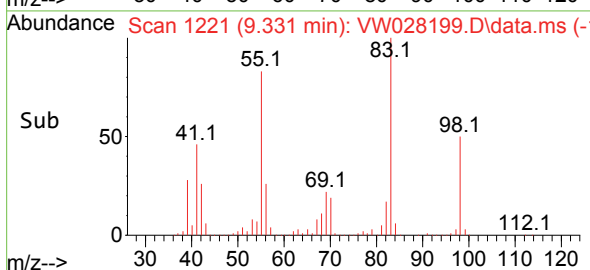
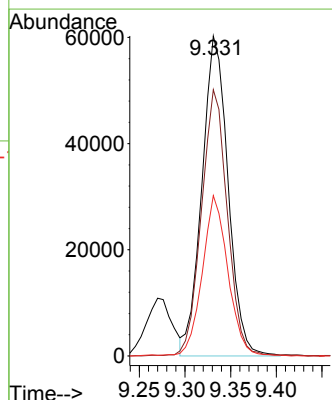
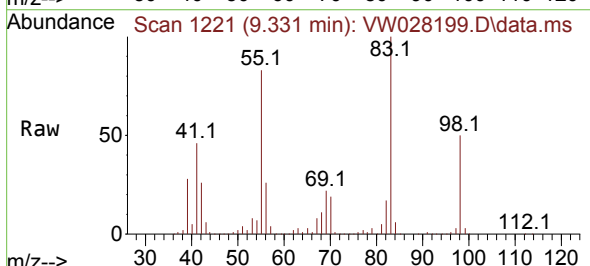
Tgt Ion: 83 Resp: 119790

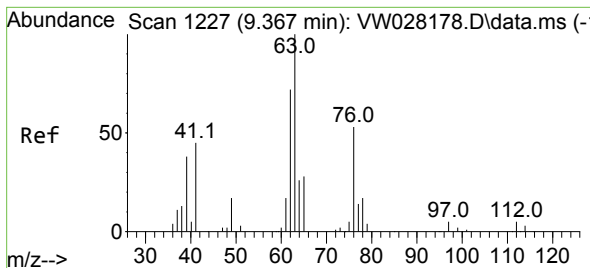
Ion Ratio Lower Upper

83 100

55 82.0 64.2 96.4

98 49.1 38.3 57.5

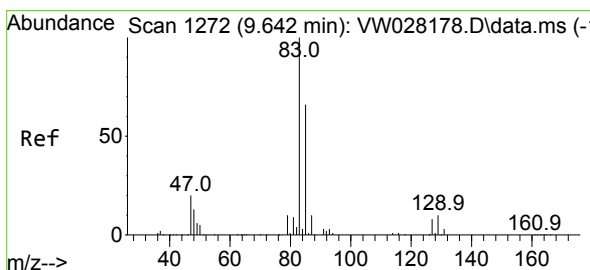
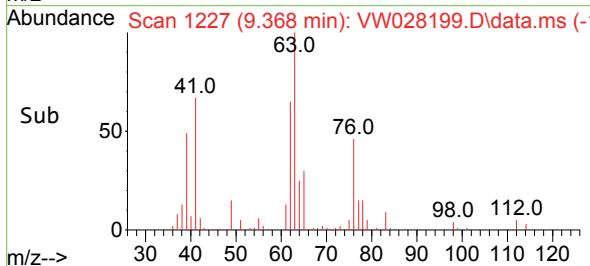
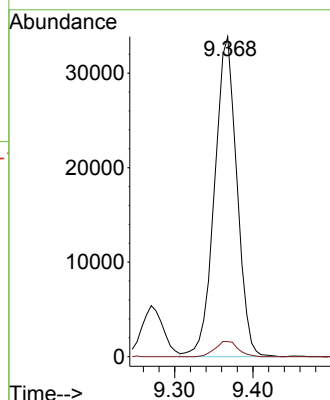
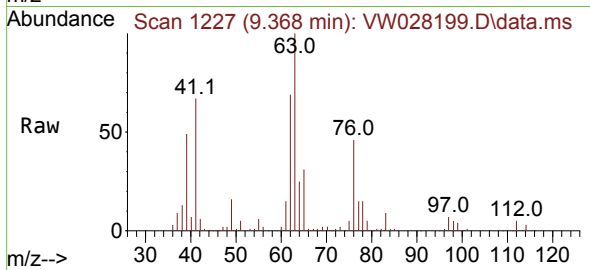




#37
1,2-Dichloropropane
Concen: 24.435 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

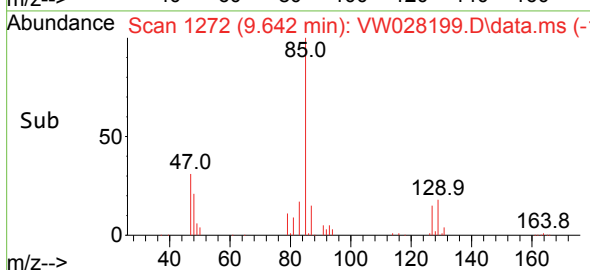
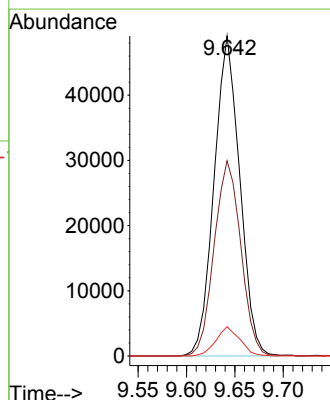
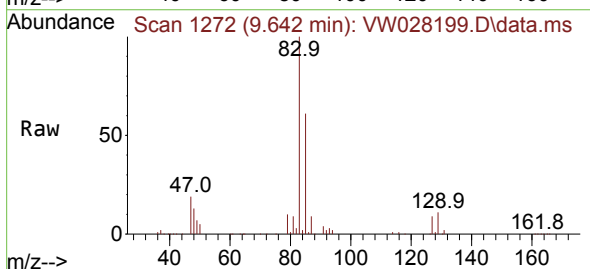
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

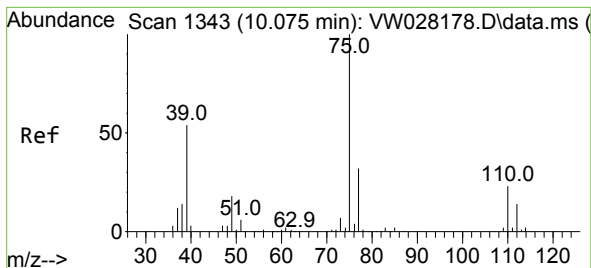
Tgt Ion: 63 Resp: 67143
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.8



#38
Bromodichloromethane
Concen: 24.420 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

Tgt Ion: 83 Resp: 90469
Ion Ratio Lower Upper
83 100
85 61.0 45.8 85.2
127 9.1 6.5 9.7

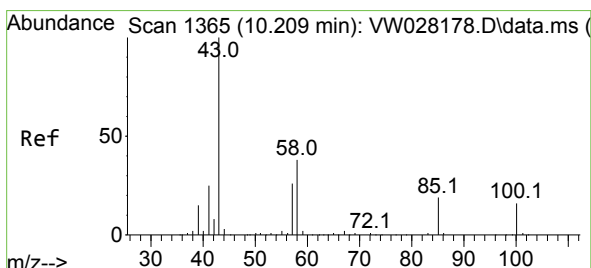
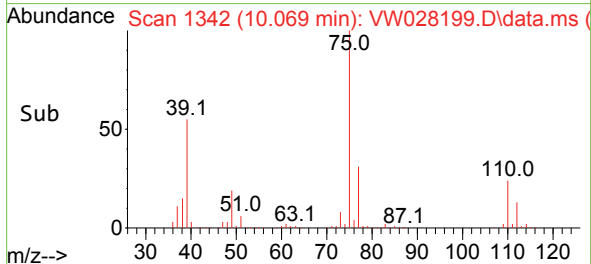
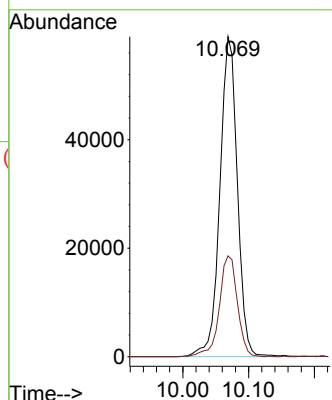
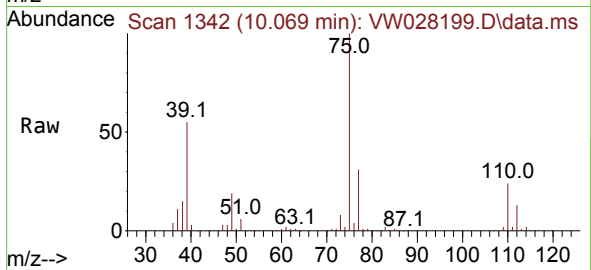




#39
 cis-1,3-Dichloropropene
 Concen: 24.786 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW028199.D
 Acq: 15 Mar 2024 09:11

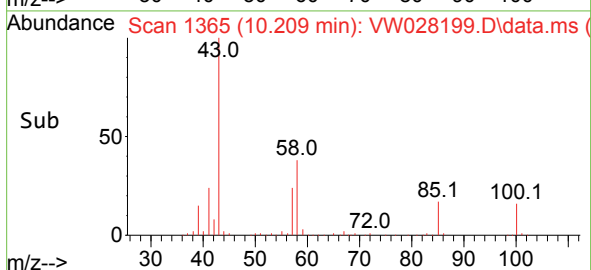
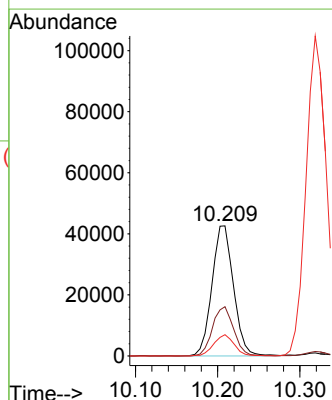
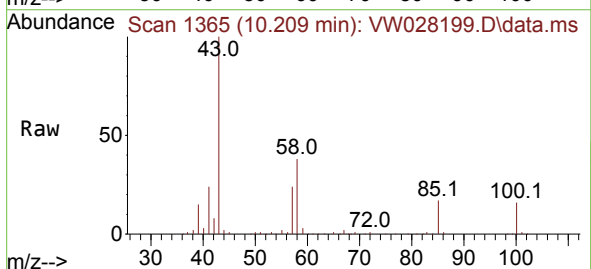
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025517

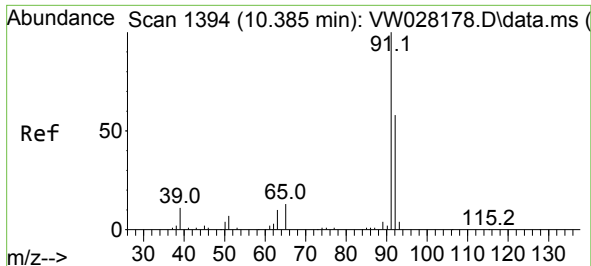
Tgt Ion: 75 Resp: 109074
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 51.189 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW028199.D
 Acq: 15 Mar 2024 09:11

Tgt Ion: 43 Resp: 77641
 Ion Ratio Lower Upper
 43 100
 58 37.3 30.1 45.1
 100 15.6 11.8 17.8





#42

Toluene

Concen: 24.152 ug/L

RT: 10.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028199.D

Acq: 15 Mar 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :

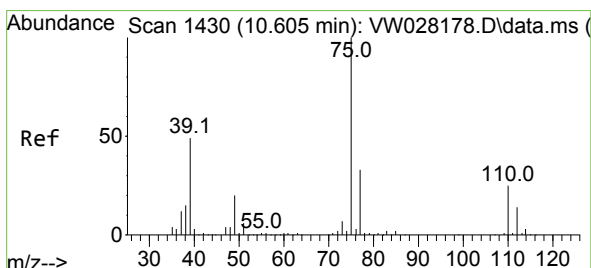
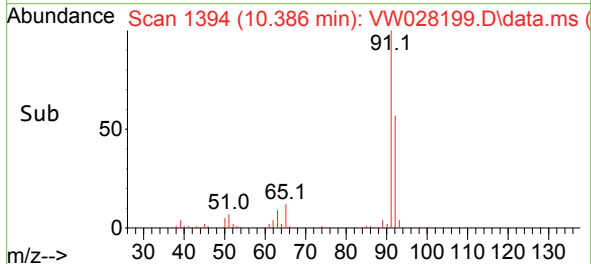
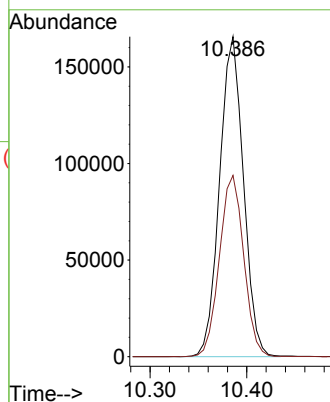
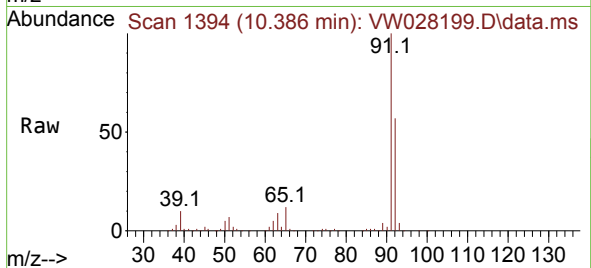
VSTD025517

Tgt Ion: 91 Resp: 283176

Ion Ratio Lower Upper

91 100

92 56.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 25.065 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028199.D

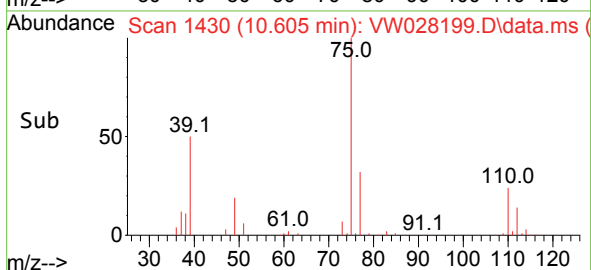
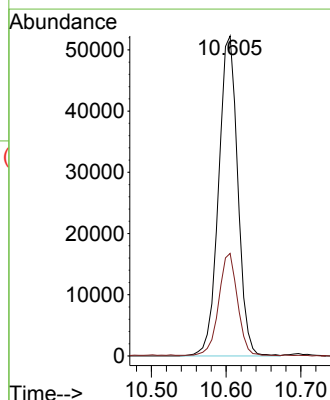
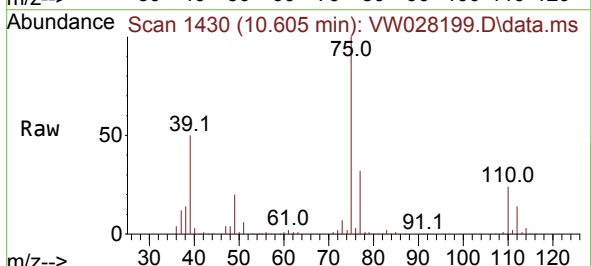
Acq: 15 Mar 2024 09:11

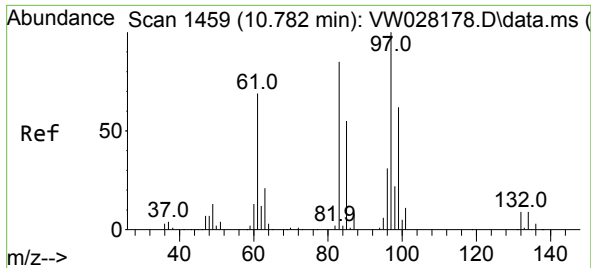
Tgt Ion: 75 Resp: 93123

Ion Ratio Lower Upper

75 100

77 32.1 23.0 42.6

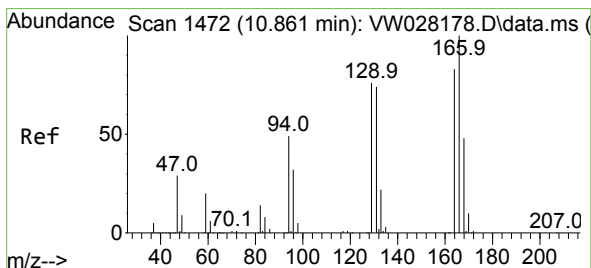
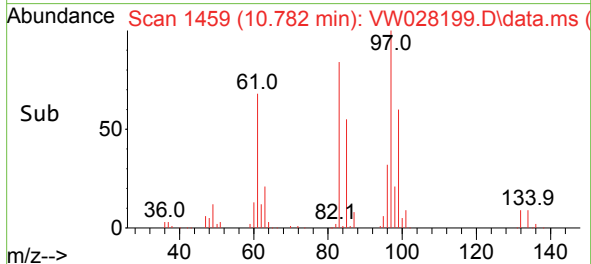
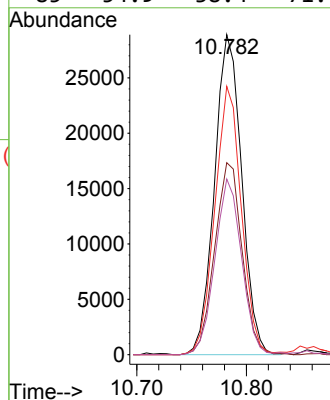
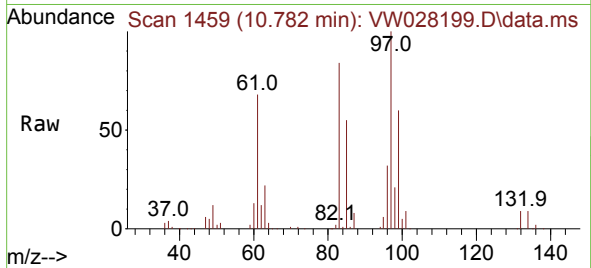




#45
1,1,2-Trichloroethane
Concen: 25.072 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

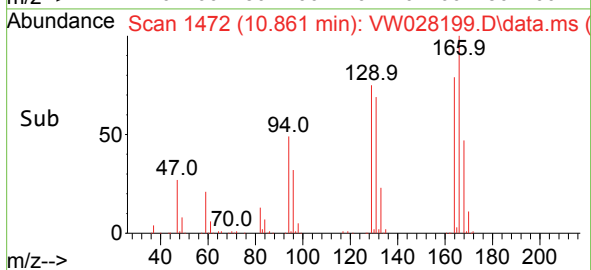
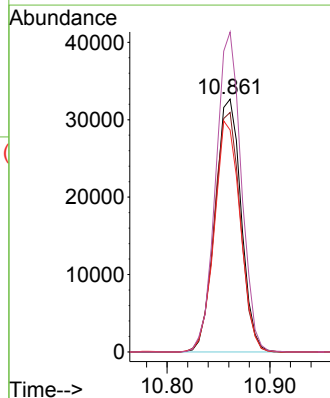
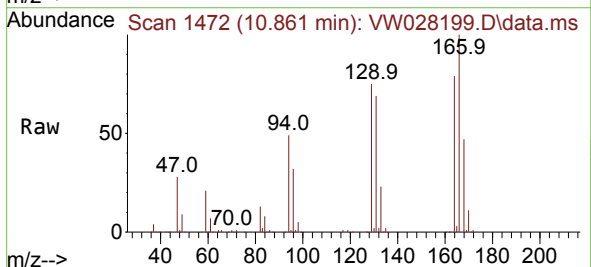
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

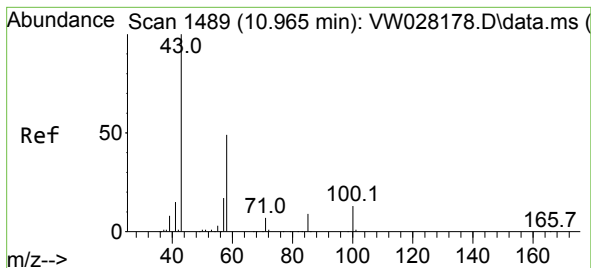
Tgt Ion:	97	Resp:	49776
Ion	Ratio	Lower	Upper
97	100		
99	60.0	43.4	80.6
83	83.9	59.4	110.4
85	54.9	38.4	71.4



#46
Tetrachloroethene
Concen: 23.735 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

Tgt Ion:	164	Resp:	57344
Ion	Ratio	Lower	Upper
164	100		
129	94.7	64.0	119.0
131	87.8	62.6	116.3
166	126.6	84.7	157.3





#48

2-Hexanone

Concen: 51.020 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW028199.D

Acq: 15 Mar 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025517

Tgt Ion: 43 Resp: 60618

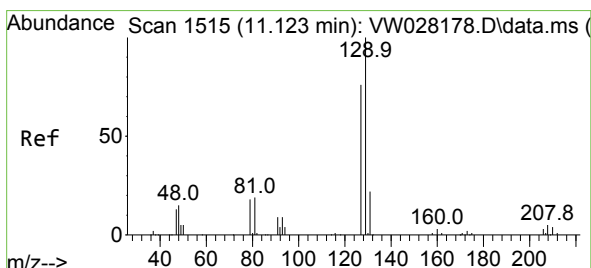
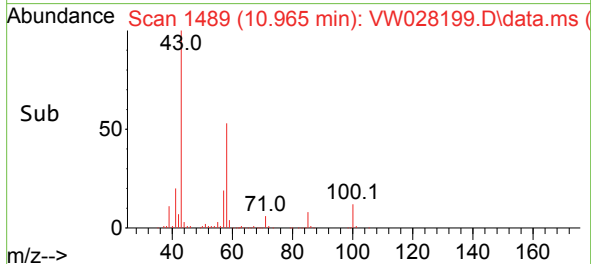
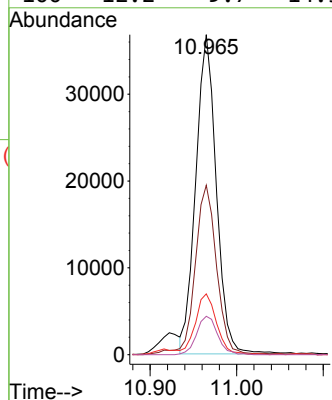
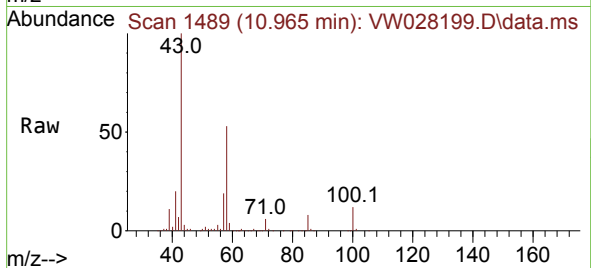
Ion Ratio Lower Upper

43 100

58 54.2 40.6 61.0

57 19.3 15.7 23.5

100 12.2 9.7 14.5



#49

Dibromochloromethane

Concen: 24.314 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW028199.D

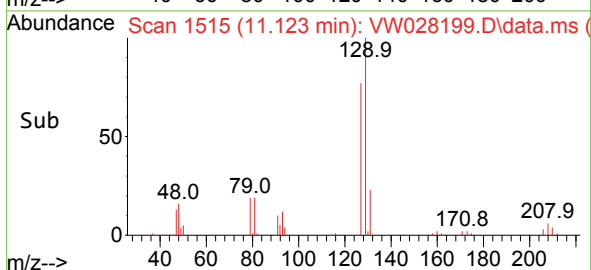
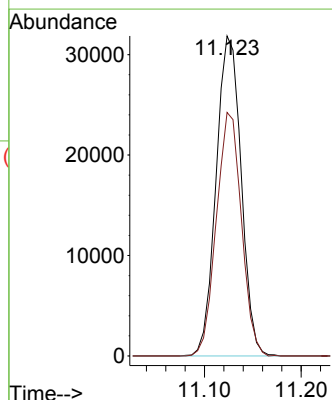
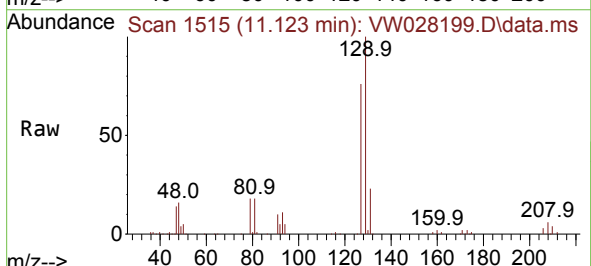
Acq: 15 Mar 2024 09:11

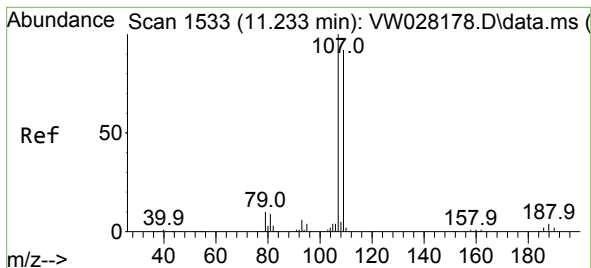
Tgt Ion: 129 Resp: 57167

Ion Ratio Lower Upper

129 100

127 76.1 53.1 98.7

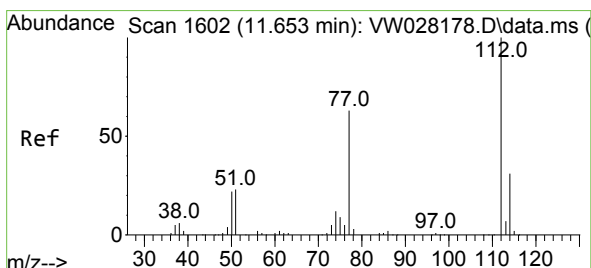
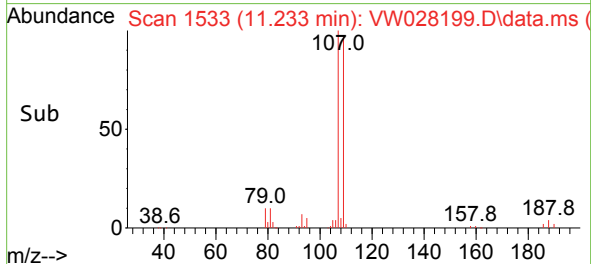
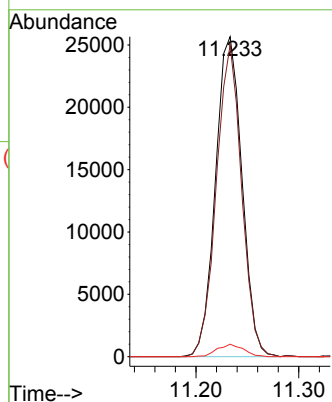
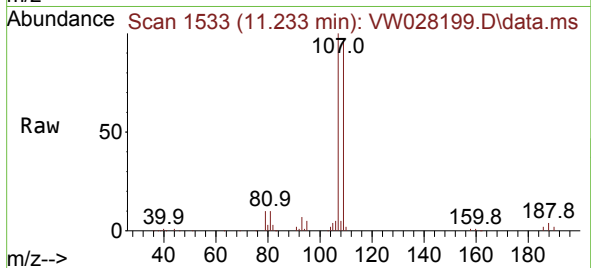




#50
1,2-Dibromoethane
Concen: 24.152 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

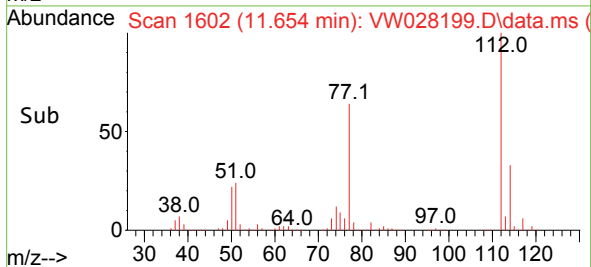
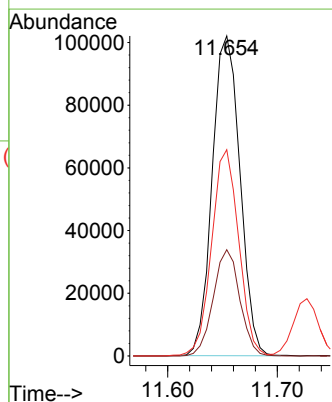
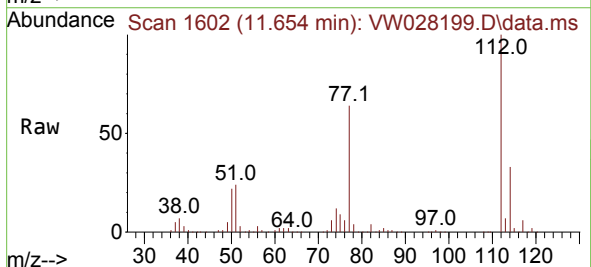
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

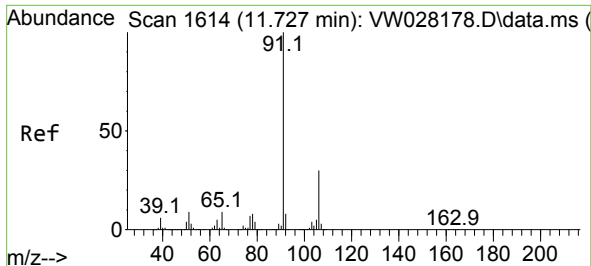
Tgt Ion:107 Resp: 45849
Ion Ratio Lower Upper
107 100
109 97.4 64.4 119.6
188 3.9 3.4 5.2



#51
Chlorobenzene
Concen: 24.128 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

Tgt Ion:112 Resp: 179559
Ion Ratio Lower Upper
112 100
114 33.2 21.8 40.6
77 64.4 50.6 76.0

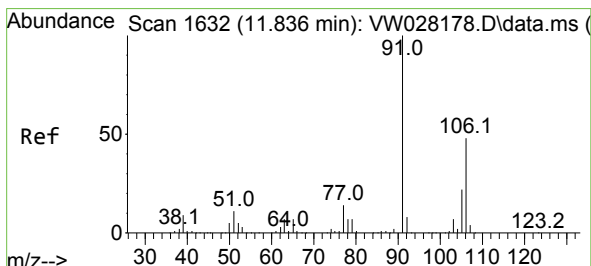
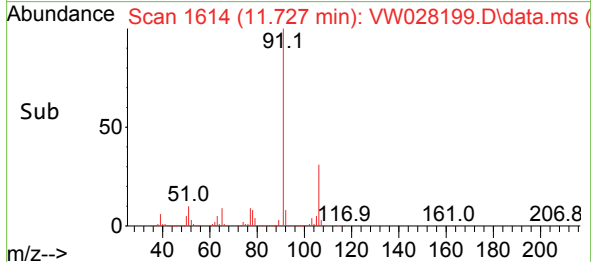
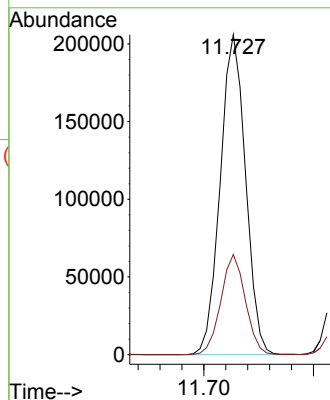
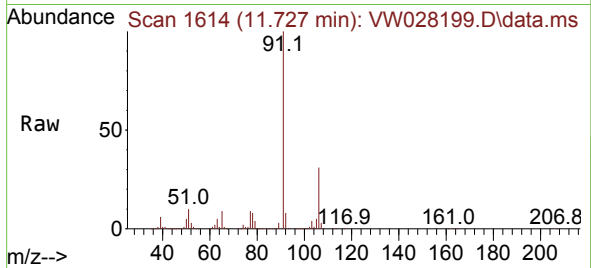




#52
Ethylbenzene
Concen: 24.124 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

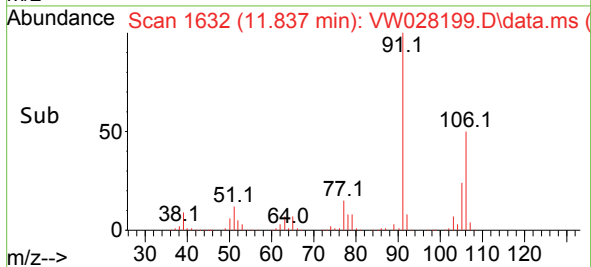
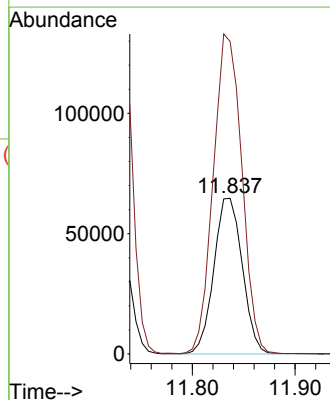
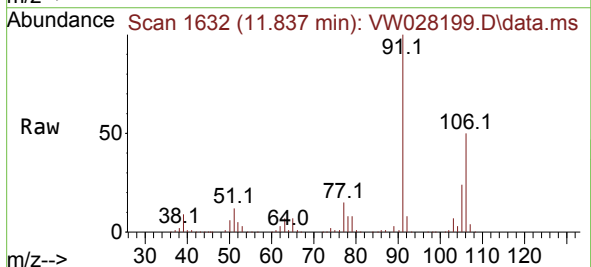
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

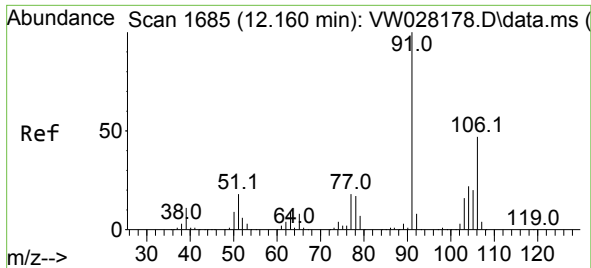
Tgt Ion: 91 Resp: 330186
Ion Ratio Lower Upper
91 100
106 31.3 21.3 39.5



#53
m,p-Xylene
Concen: 24.137 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

Tgt Ion:106 Resp: 124320
Ion Ratio Lower Upper
106 100
91 200.7 147.1 273.1

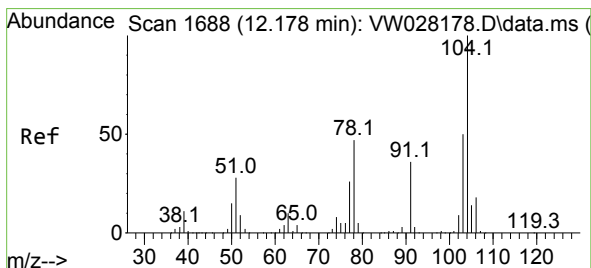
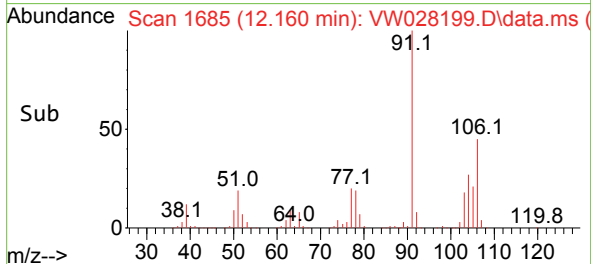
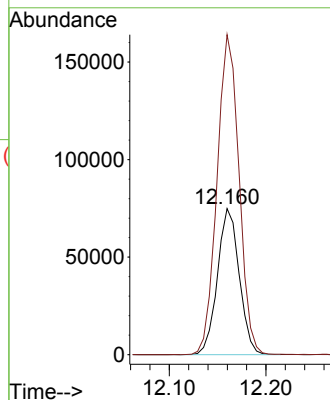
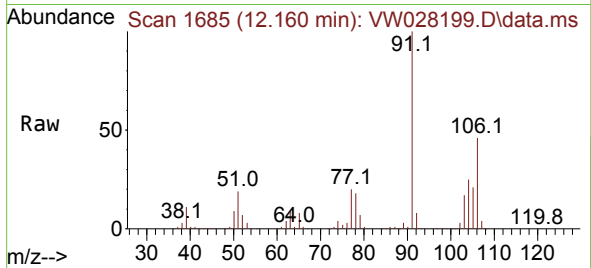




#54
o-Xylene
Concen: 24.492 ug/L
RT: 12.160 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

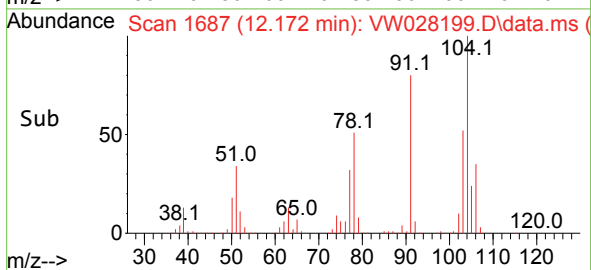
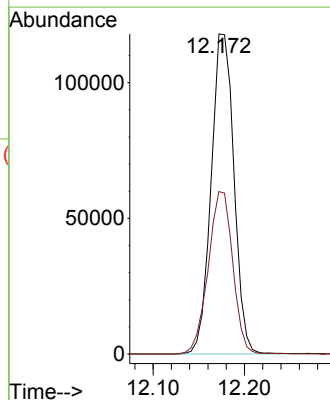
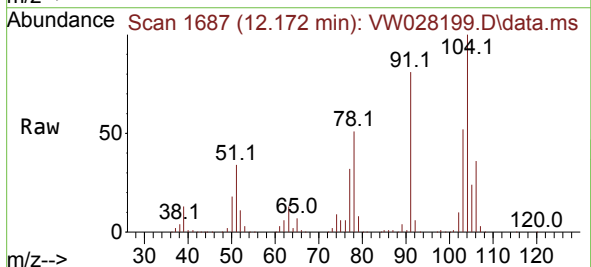
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

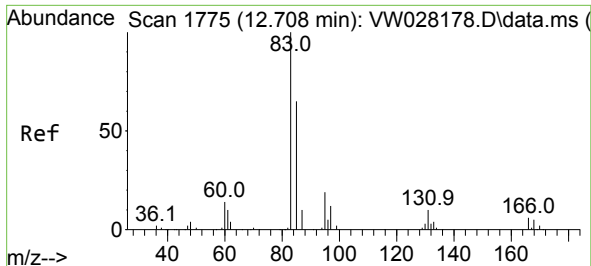
Tgt Ion:106 Resp: 116981
Ion Ratio Lower Upper
106 100
91 219.1 149.2 277.2



#55
Styrene
Concen: 24.931 ug/L
RT: 12.172 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

Tgt Ion:104 Resp: 204533
Ion Ratio Lower Upper
104 100
78 50.8 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 24.821 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028199.D

Acq: 15 Mar 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025517

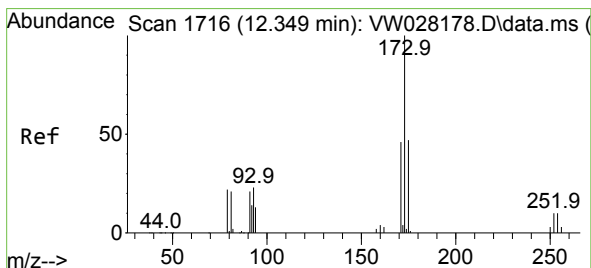
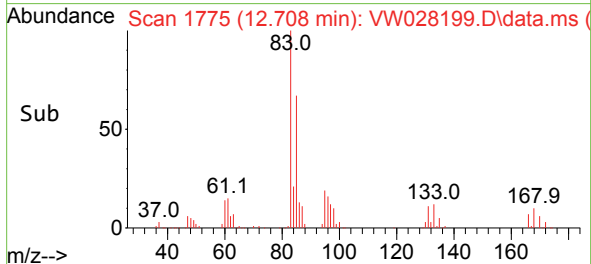
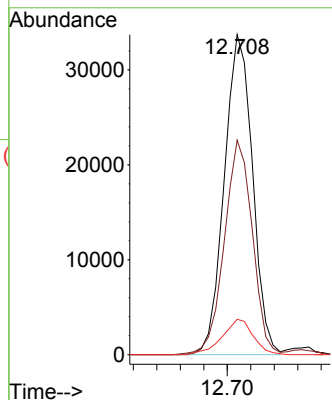
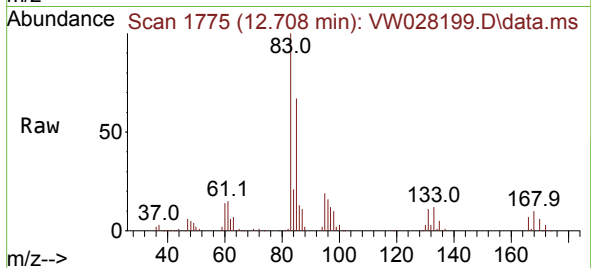
Tgt Ion: 83 Resp: 56365

Ion Ratio Lower Upper

83 100

85 67.0 47.0 87.2

131 11.1 8.9 13.3



#59

Bromoform

Concen: 23.603 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW028199.D

Acq: 15 Mar 2024 09:11

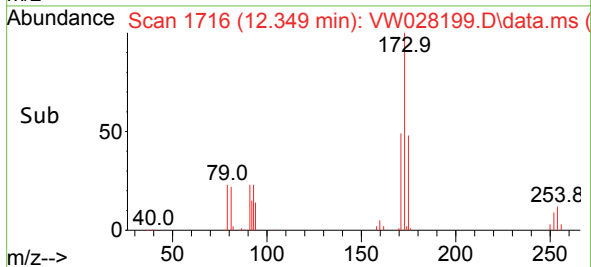
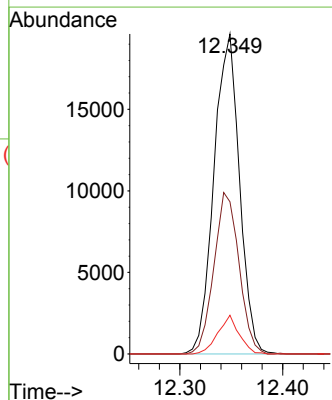
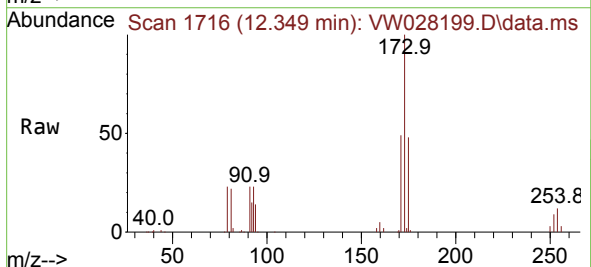
Tgt Ion:173 Resp: 33807

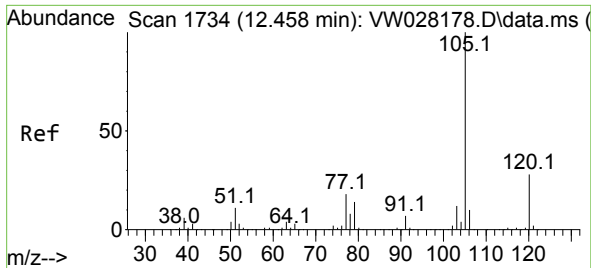
Ion Ratio Lower Upper

173 100

175 49.7 39.8 59.6

254 10.1 8.5 12.7

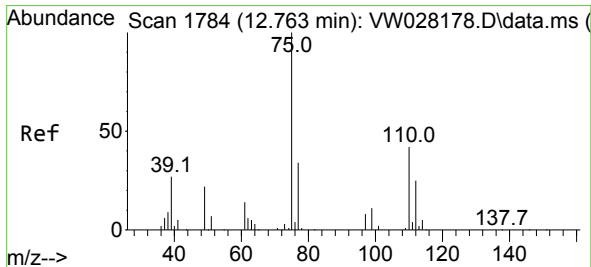
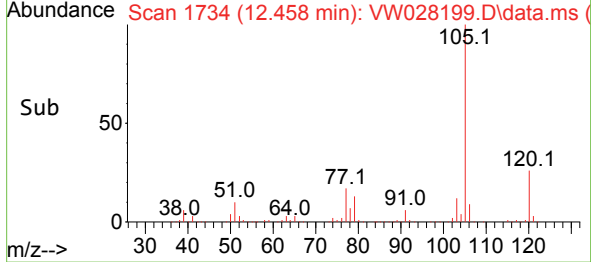
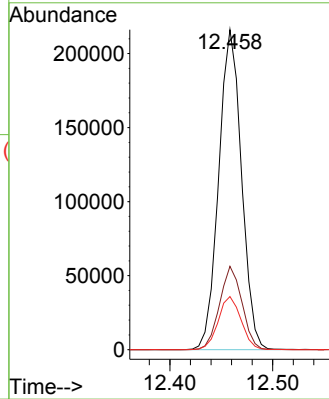
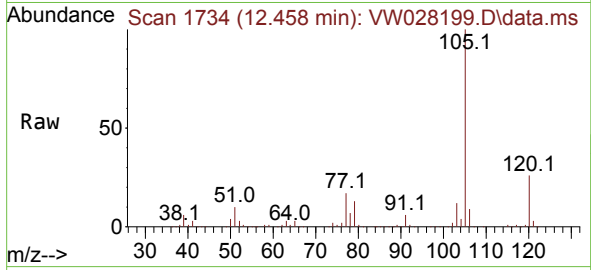




#60
Isopropylbenzene
Concen: 23.387 ug/L
RT: 12.458 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

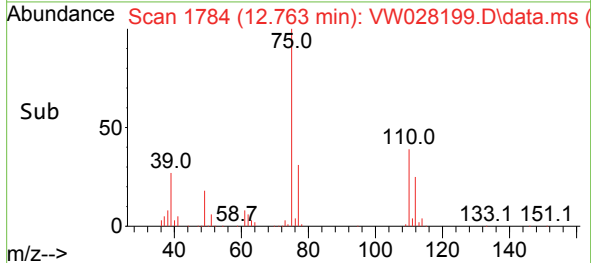
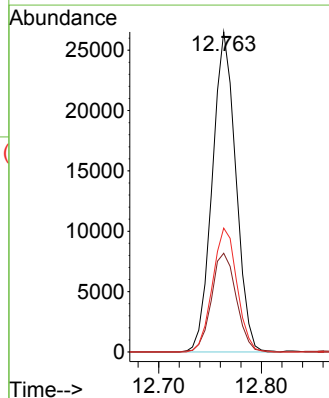
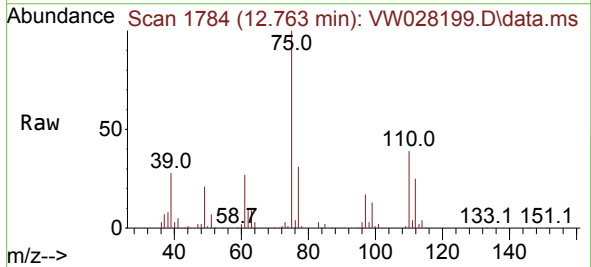
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

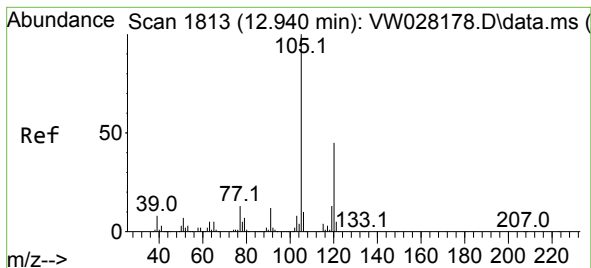
Tgt Ion:105 Resp: 332132
Ion Ratio Lower Upper
105 100
120 25.7 21.0 31.6
77 16.6 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 23.094 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

Tgt Ion: 75 Resp: 42130
Ion Ratio Lower Upper
75 100
77 32.6 26.0 39.0
110 40.3 32.2 48.2

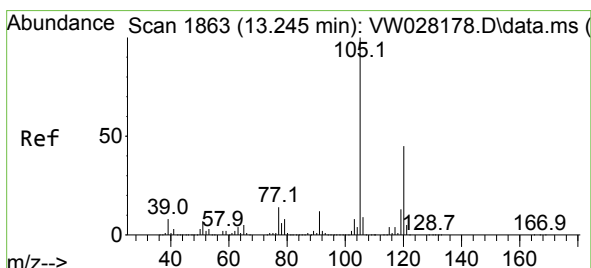
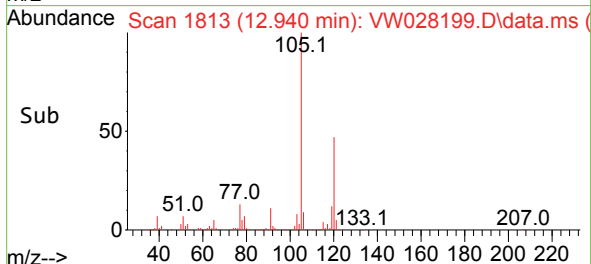
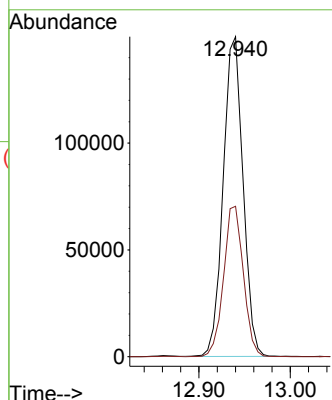
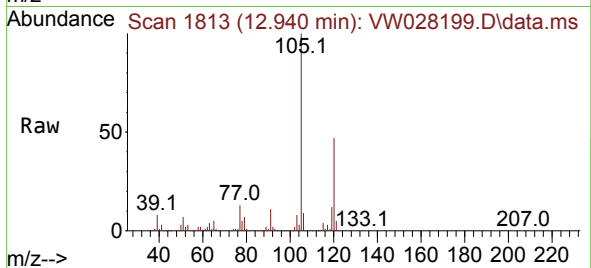




#62
 1,3,5-Trimethylbenzene
 Concen: 23.709 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW028199.D
 Acq: 15 Mar 2024 09:11

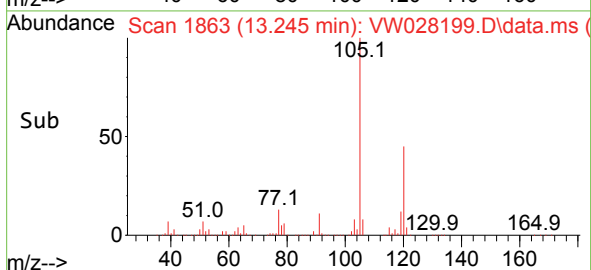
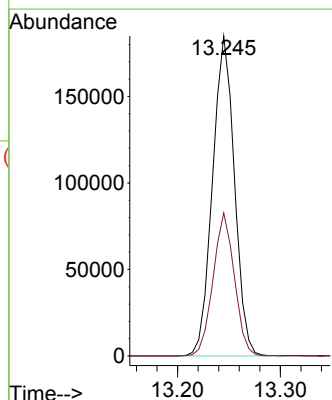
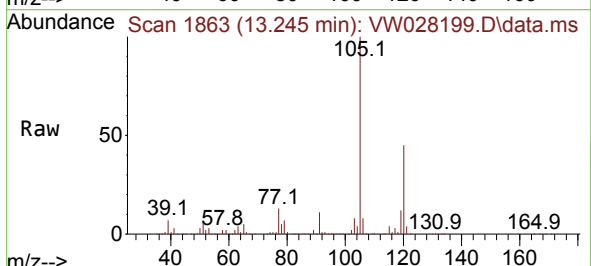
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025517

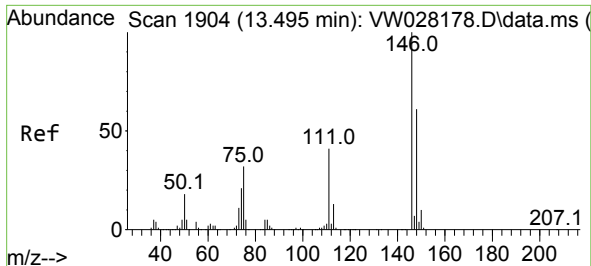
Tgt Ion:105 Resp: 225926
 Ion Ratio Lower Upper
 105 100
 120 47.0 38.2 57.2



#63
 1,2,4-Trimethylbenzene
 Concen: 23.768 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW028199.D
 Acq: 15 Mar 2024 09:11

Tgt Ion:105 Resp: 273482
 Ion Ratio Lower Upper
 105 100
 120 43.5 35.6 53.4

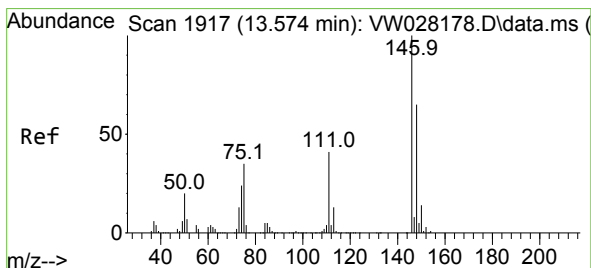
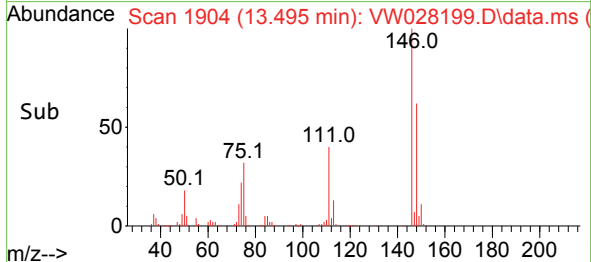
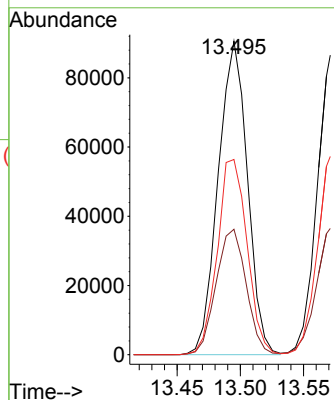
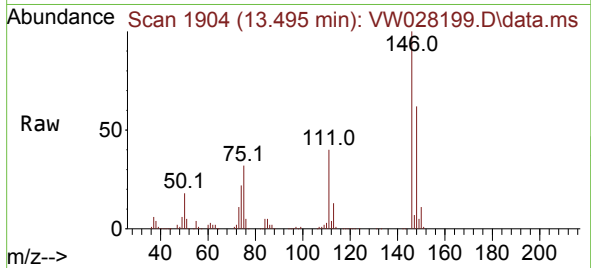




#64
1,3-Dichlorobenzene
Concen: 23.014 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

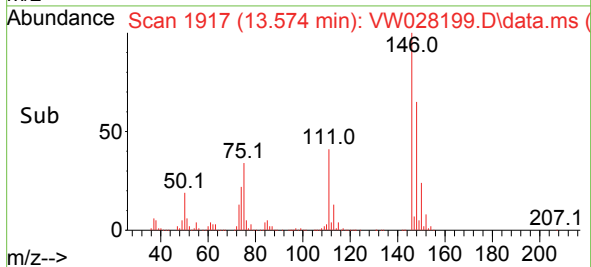
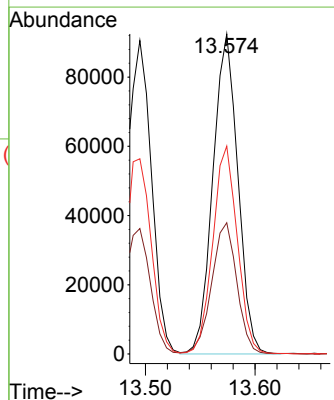
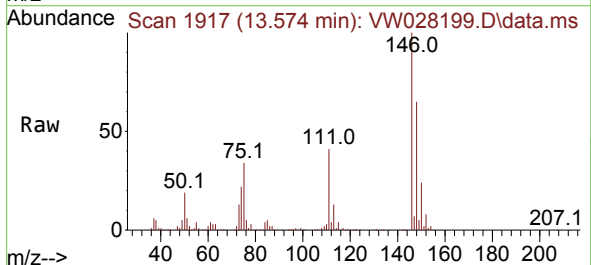
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

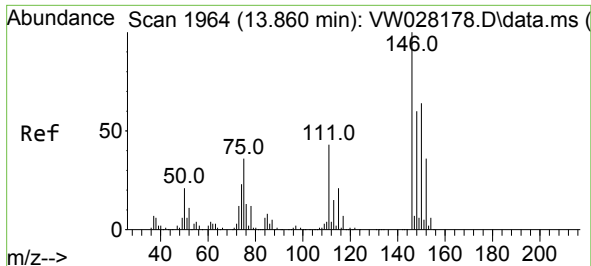
Tgt Ion:146 Resp: 145811
Ion Ratio Lower Upper
146 100
111 40.0 28.5 52.9
148 62.3 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 23.121 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028199.D
Acq: 15 Mar 2024 09:11

Tgt Ion:146 Resp: 146480
Ion Ratio Lower Upper
146 100
111 41.0 28.8 53.6
148 65.0 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 23.645 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW028199.D

Acq: 15 Mar 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025517

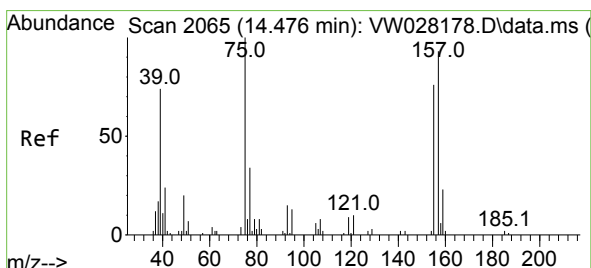
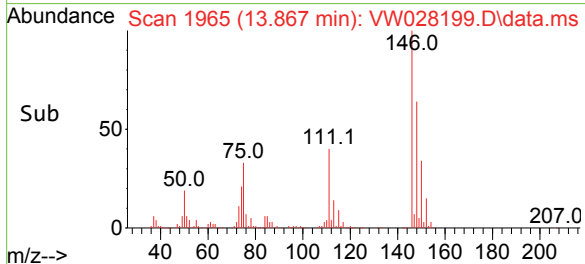
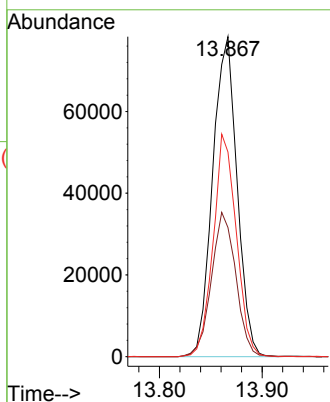
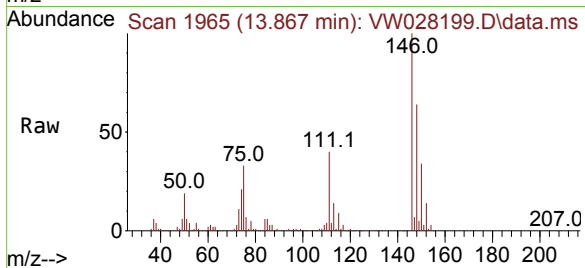
Tgt Ion:146 Resp: 129010

Ion Ratio Lower Upper

146 100

111 40.3 34.2 51.2

148 63.9 48.1 72.1



#68

1,2-Dibromo-3-chloropropane

Concen: 23.403 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028199.D

Acq: 15 Mar 2024 09:11

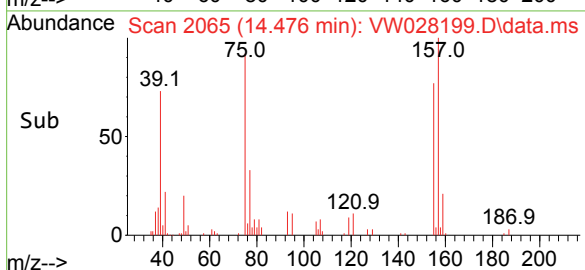
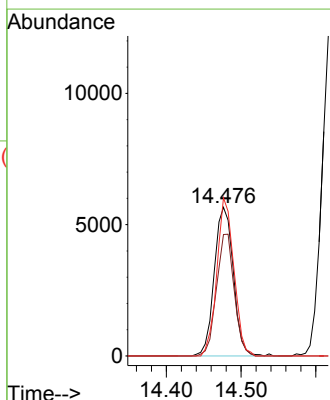
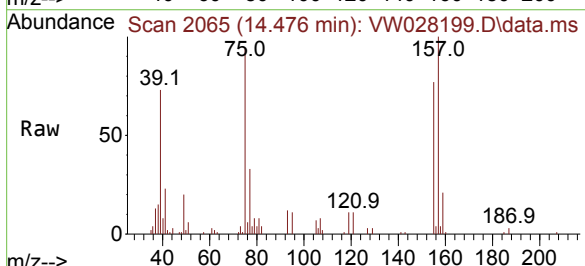
Tgt Ion: 75 Resp: 10029

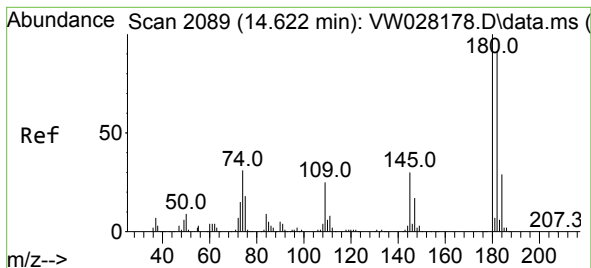
Ion Ratio Lower Upper

75 100

155 81.7 61.1 91.7

157 106.4 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 24.076 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW028199.D

Acq: 15 Mar 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025517

Tgt Ion:180 Resp: 106254

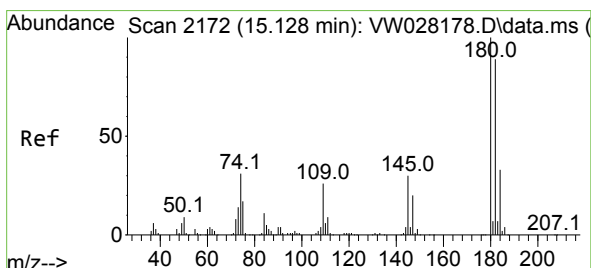
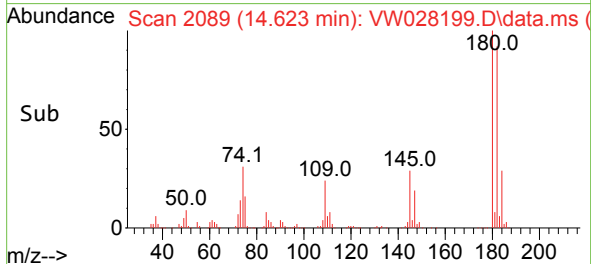
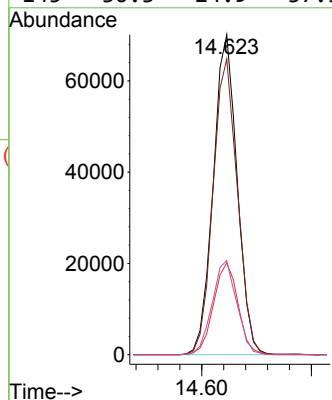
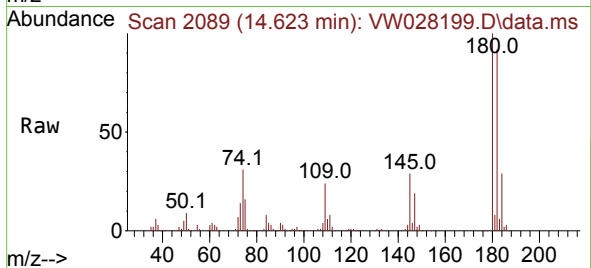
Ion Ratio Lower Upper

180 100

182 94.0 76.6 114.8

184 29.3 23.5 35.3

145 30.3 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 23.043 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028199.D

Acq: 15 Mar 2024 09:11

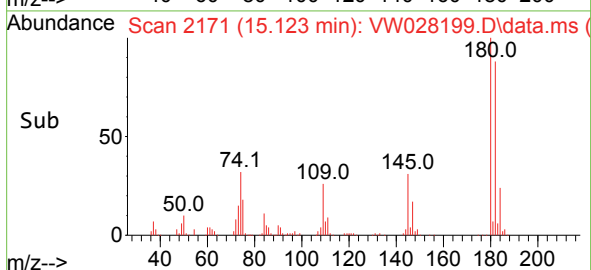
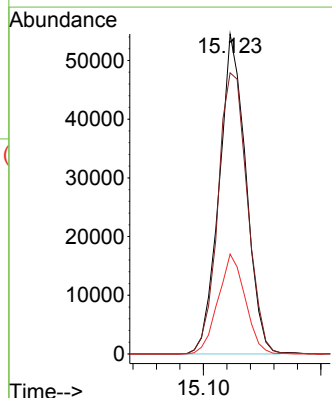
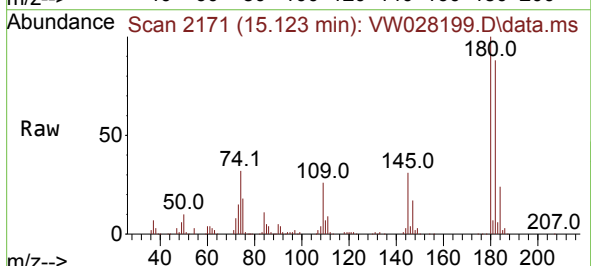
Tgt Ion:180 Resp: 86393

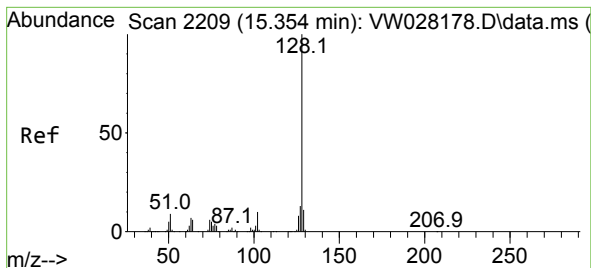
Ion Ratio Lower Upper

180 100

182 96.7 73.8 110.8

145 31.6 25.0 37.6





#71

Naphthalene

Concen: 24.704 ug/L

RT: 15.354 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW028199.D

Acq: 15 Mar 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025517

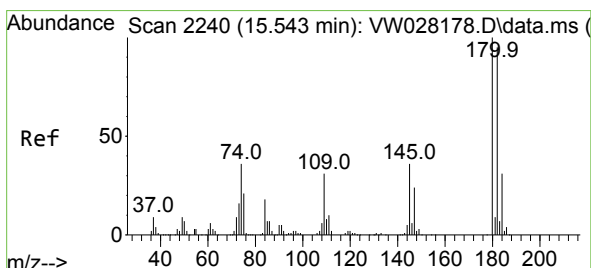
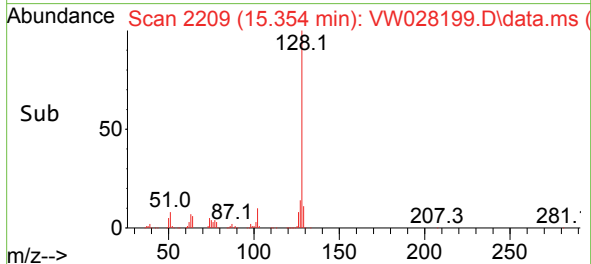
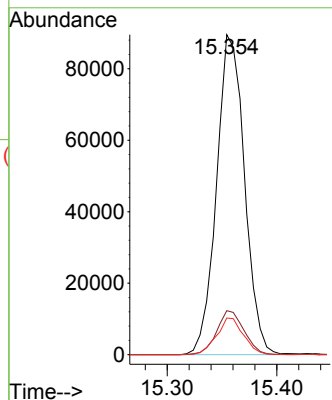
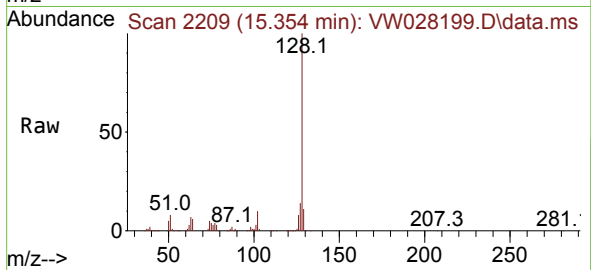
Tgt Ion:128 Resp: 158974

Ion Ratio Lower Upper

128 100

127 13.4 10.9 16.3

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 24.243 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VW028199.D

Acq: 15 Mar 2024 09:11

Tgt Ion:180 Resp: 74929

Ion Ratio Lower Upper

180 100

182 96.8 76.0 114.0

145 33.9 27.1 40.7

