

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111622\
 Data File : VW025056.D
 Acq On : 16 Nov 2022 09:14
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025499

Quant Time: Nov 17 00:35:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 16 00:12:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	316728	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	289903	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	147782	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	58948	16.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.320%
7) Chloroethane-d5	2.885	69	45665	21.928	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.720%
11) 1,1-Dichloroethene-d2	4.025	63	191475	21.622	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.480%
21) 2-Butanone-d5	7.080	46	50999	42.505	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.020%
24) Chloroform-d	7.647	84	236457	24.600	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	8.305	65	124743	23.184	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.720%
32) Benzene-d6	8.275	84	431036	23.197	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	9.275	67	125086	22.974	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.880%
41) Toluene-d8	10.323	98	392378	22.682	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.720%
43) trans-1,3-Dichloroprop...	10.573	79	53970	22.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.400%
47) 2-Hexanone-d5	10.927	63	40550	43.115	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.240%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	98444	22.645	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	136360	24.010	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.040%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	19713	18.660	ug/L	98
3) Chloromethane	2.215	50	52132	20.517	ug/L	94
5) Vinyl chloride	2.361	62	80440	22.912	ug/L	93
6) Bromomethane	2.776	94	41194	23.512	ug/L	99
8) Chloroethane	2.922	64	37230	25.421	ug/L	97
9) Trichlorofluoromethane	3.263	101	77022	26.152	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	107499	25.775	ug/L	99
12) 1,1-Dichloroethene	4.044	96	98469	25.063	ug/L	85
13) Acetone	4.123	43	43537	51.078	ug/L	93
14) Carbon disulfide	4.385	76	267756	23.330	ug/L	99
15) Methyl Acetate	4.672	43	37452	22.070	ug/L	99
16) Methylene chloride	4.922	84	110151	19.587	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	104971	24.951	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	169100	23.962	ug/L	99
19) 1,1-Dichloroethane	6.220	63	201074	25.816	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	120019	26.174	ug/L	97
22) 2-Butanone	7.171	43	54459	42.644	ug/L	99
23) Bromochloromethane	7.513	128	49399	24.851	ug/L	97
25) Chloroform	7.677	83	217663	26.479	ug/L	93

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 Response via : Initial Calibration

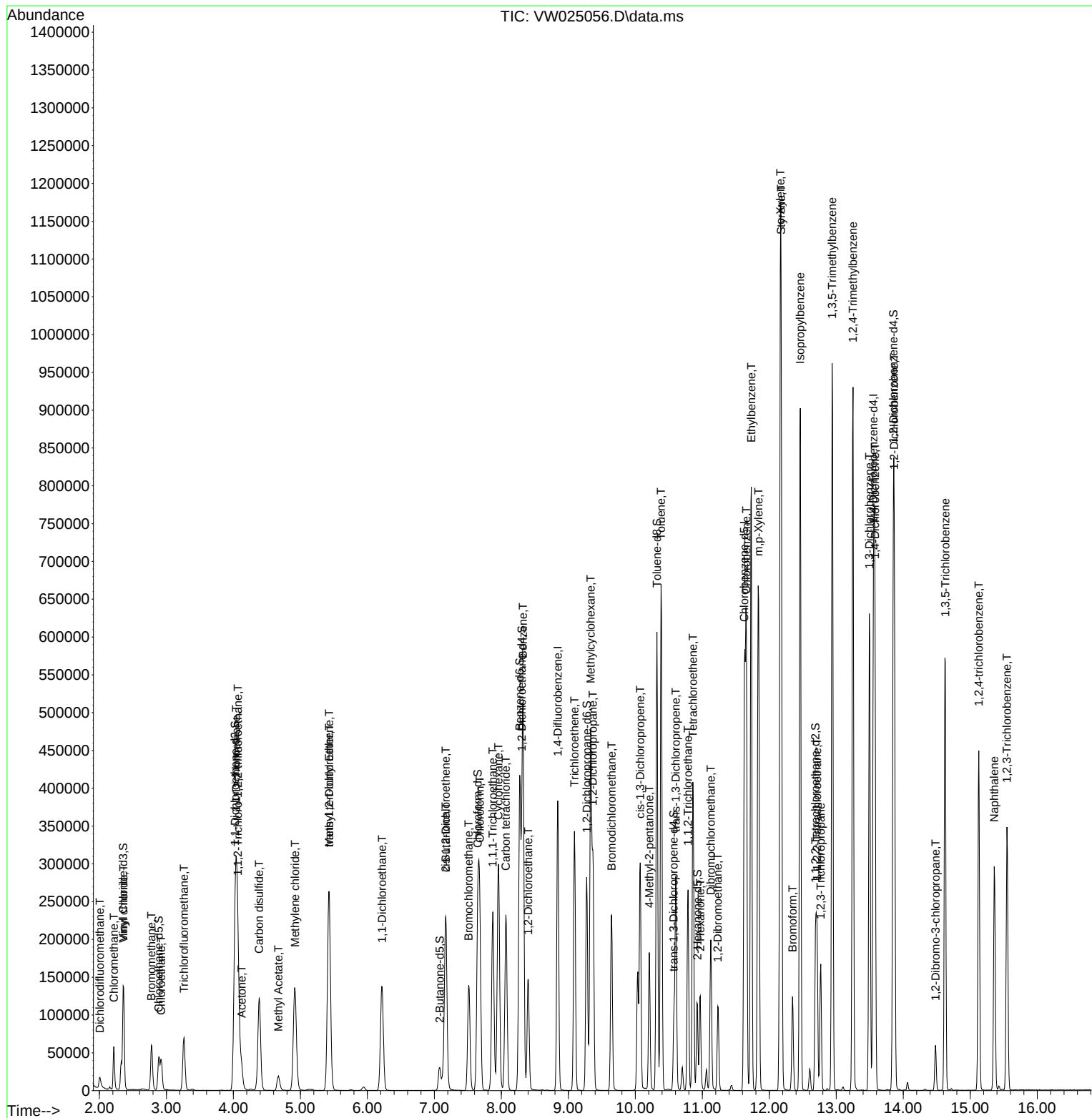
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27) 1,2-Dichloroethane	8.403	62	140742	25.241	ug/L	100
29) Cyclohexane	7.958	56	167466	24.464	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	191254	26.958	ug/L	98
31) Carbon tetrachloride	8.067	117	175624	27.704	ug/L	99
33) Benzene	8.323	78	445839	25.538	ug/L	100
34) Trichloroethene	9.092	95	119041	25.758	ug/L	96
35) Methylcyclohexane	9.335	83	195638	24.914	ug/L	99
37) 1,2-Dichloropropane	9.366	63	108071	25.505	ug/L	99
38) Bromodichloromethane	9.646	83	158544	26.810	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	179377	26.779	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	108801	43.757	ug/L	98
42) Toluene	10.384	91	484701	26.152	ug/L	94
44) trans-1,3-Dichloropropene	10.604	75	154414	25.930	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	80253	25.085	ug/L	98
46) Tetrachloroethene	10.860	164	88922	26.905	ug/L	94
48) 2-Hexanone	10.969	43	77460	45.045	ug/L	99
49) Dibromochloromethane	11.128	129	104034	26.677	ug/L	100
50) 1,2-Dibromoethane	11.231	107	75270	24.877	ug/L	99
51) Chlorobenzene	11.658	112	309701	25.779	ug/L	97
52) Ethylbenzene	11.731	91	563274	26.329	ug/L	99
53) m,p-Xylene	11.841	106	215150	25.980	ug/L	97
54) o-Xylene	12.164	106	207465	26.555	ug/L	99
55) Styrene	12.176	104	359133	26.466	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	91608	23.869	ug/L	96
59) Bromoform	12.347	173	54540	26.093	ug/L #	99
60) Isopropylbenzene	12.463	105	582888	26.235	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	69111	23.277	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	515691	26.738	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	505291	26.717	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	249559	26.931	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	243983	26.387	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	216794	26.020	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	16117	23.490	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	165702	26.997	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	131148	27.491	ug/L	99
71) Naphthalene	15.359	128	250089	24.851	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	109577	26.362	ug/L	97

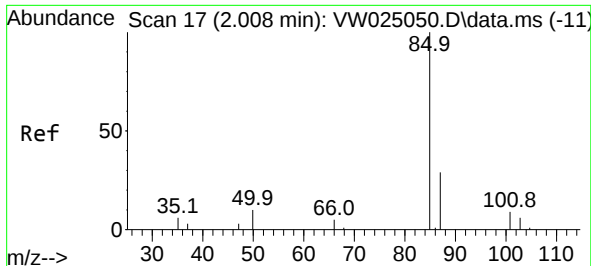
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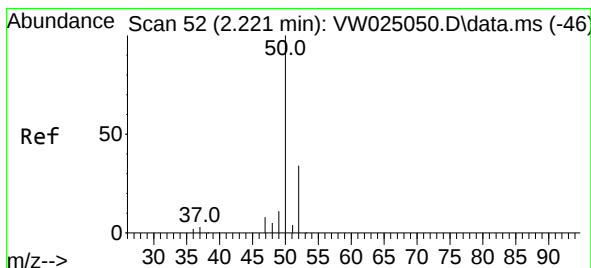
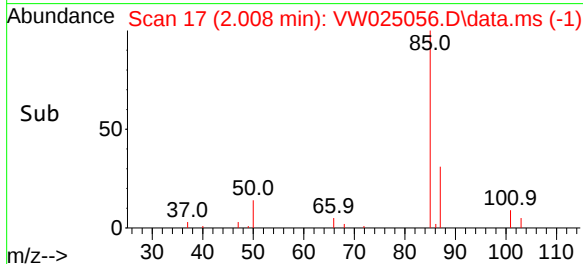
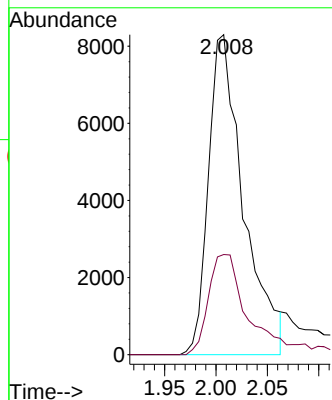
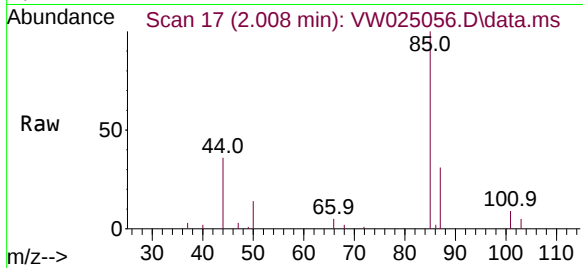




#2
 Dichlorodifluoromethane
 Concen: 18.660 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW025056.D
 Acq: 16 Nov 2022 09:14

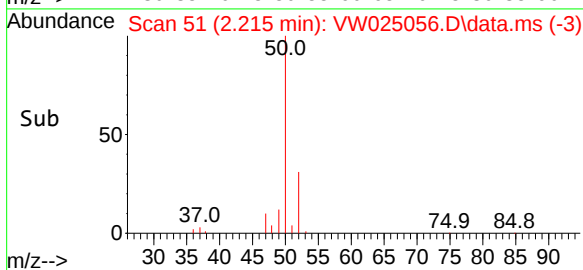
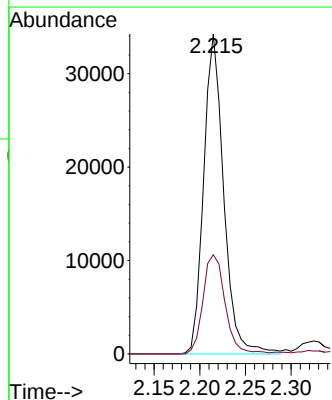
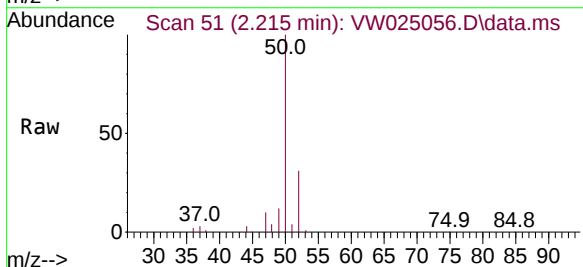
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025499

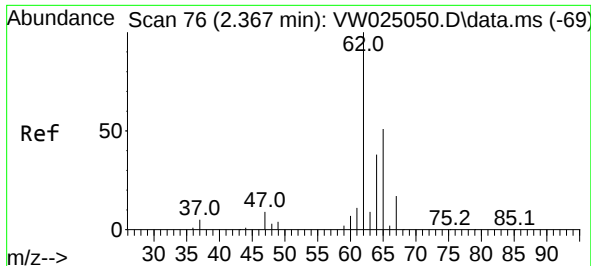
Tgt Ion: 85 Resp: 19713
 Ion Ratio Lower Upper
 85 100
 87 33.7 25.9 38.9



#3
 Chloromethane
 Concen: 20.517 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW025056.D
 Acq: 16 Nov 2022 09:14

Tgt Ion: 50 Resp: 52132
 Ion Ratio Lower Upper
 50 100
 52 31.0 24.1 44.8

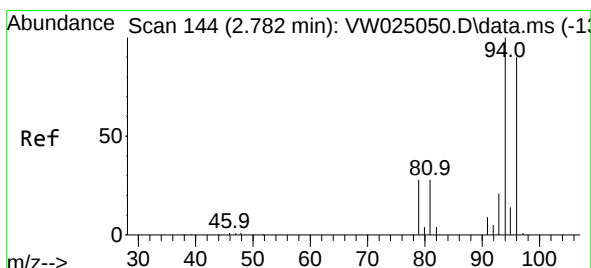
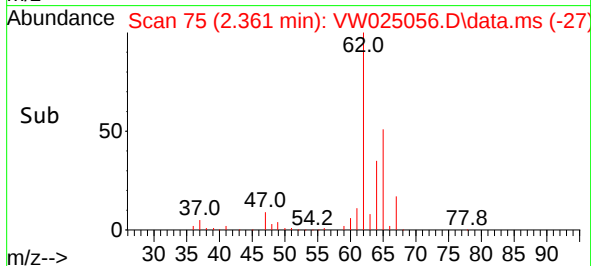
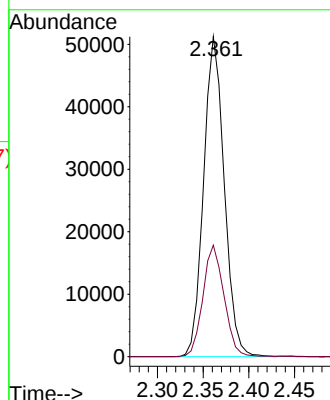
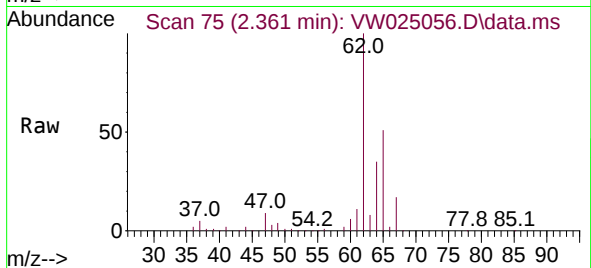




#5
 Vinyl chloride
 Concen: 22.912 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW025056.D
 Acq: 16 Nov 2022 09:14

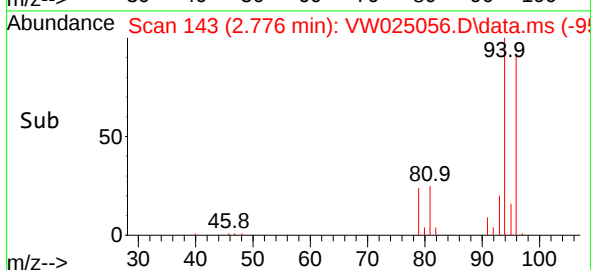
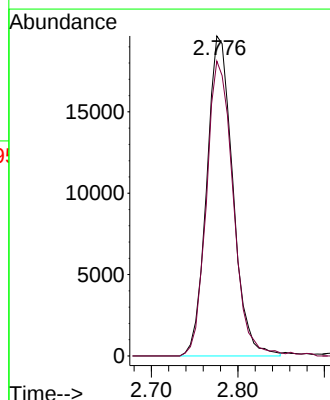
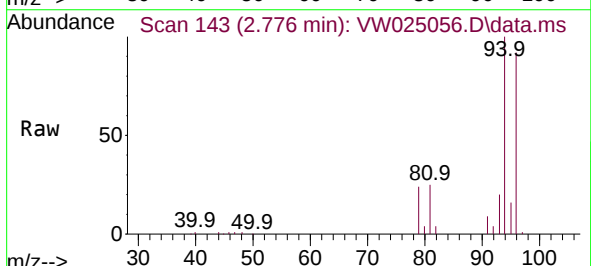
Instrument :
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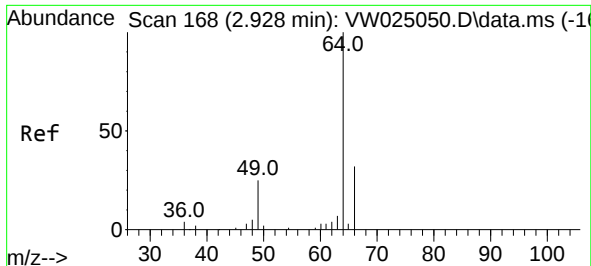
Tgt Ion: 62 Resp: 80440
 Ion Ratio Lower Upper
 62 100
 64 34.9 27.2 50.6



#6
 Bromomethane
 Concen: 23.512 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW025056.D
 Acq: 16 Nov 2022 09:14

Tgt Ion: 94 Resp: 41194
 Ion Ratio Lower Upper
 94 100
 96 92.1 63.8 118.6





#8

Chloroethane

Concen: 25.421 ug/L

RT: 2.922 min Scan# 167

Delta R.T. -0.006 min

Lab File: VW025056.D

Acq: 16 Nov 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

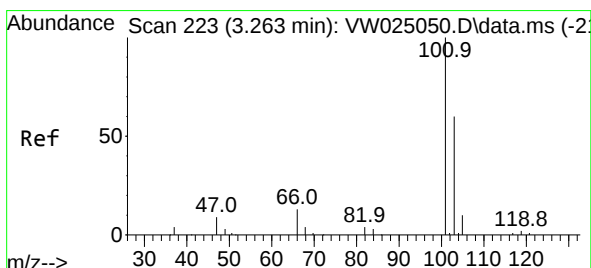
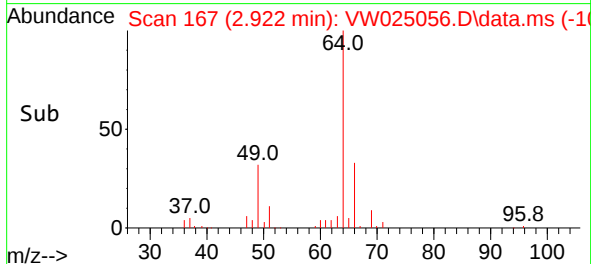
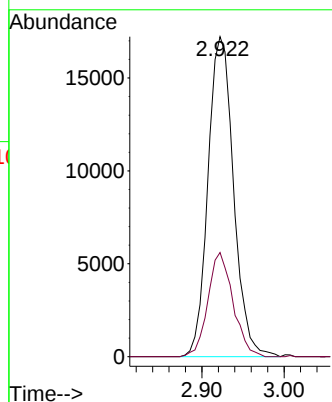
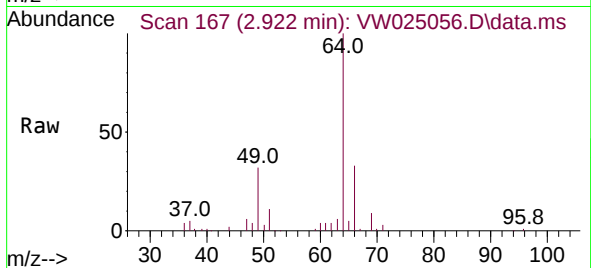
VSTD025499

Tgt Ion: 64 Resp: 37230

Ion Ratio Lower Upper

64 100

66 32.6 21.6 40.2



#9

Trichlorofluoromethane

Concen: 26.152 ug/L

RT: 3.263 min Scan# 223

Delta R.T. 0.000 min

Lab File: VW025056.D

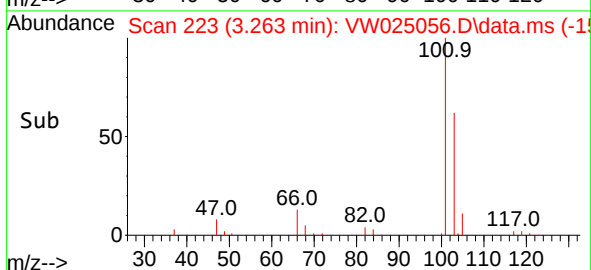
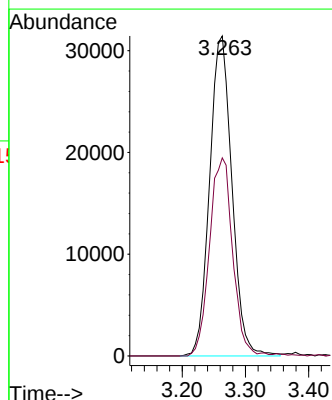
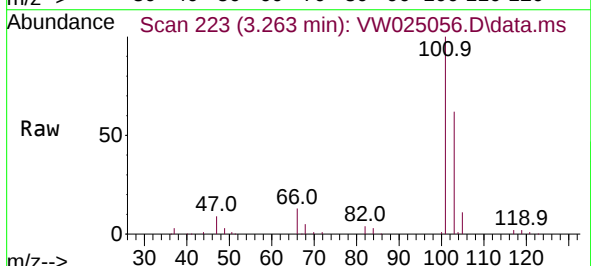
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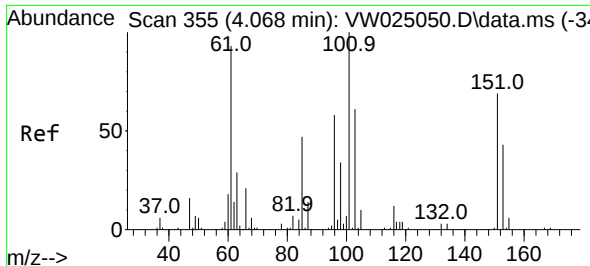
Tgt Ion:101 Resp: 77022

Ion Ratio Lower Upper

101 100

103 63.5 51.4 77.0

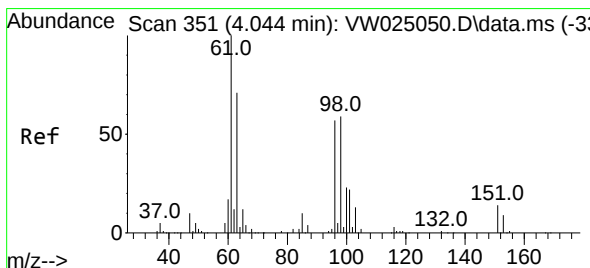
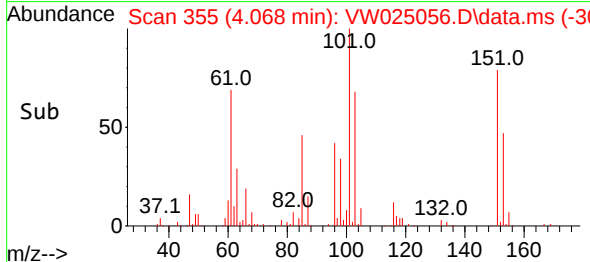
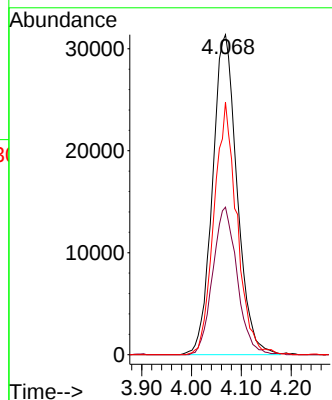
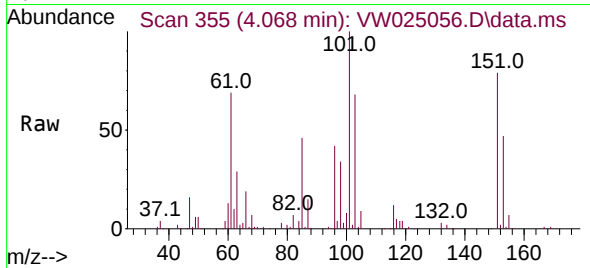




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.775 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW025056.D
 Acq: 16 Nov 2022 09:14

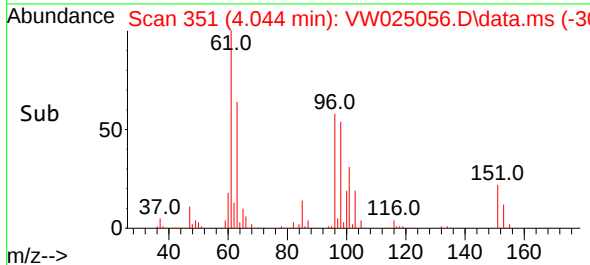
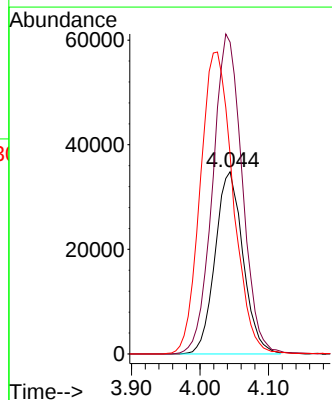
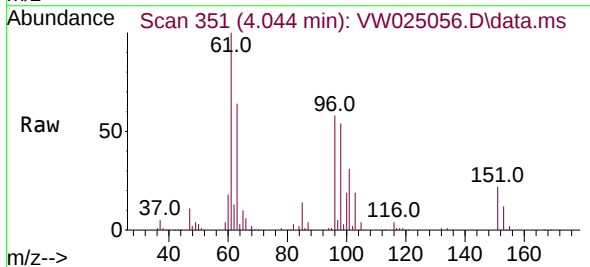
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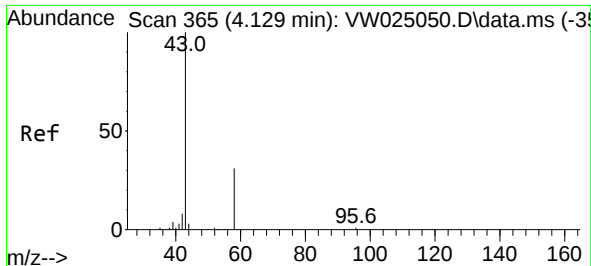
Tgt Ion:101 Resp: 107499
 Ion Ratio Lower Upper
 101 100
 85 45.6 36.5 54.7
 151 72.8 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 25.063 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW025056.D
 Acq: 16 Nov 2022 09:14

Tgt Ion: 96 Resp: 98469
 Ion Ratio Lower Upper
 96 100
 61 171.0 126.2 234.4
 63 109.4 98.3 182.7





#13

Acetone

Concen: 51.078 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW025056.D

Acq: 16 Nov 2022 09:14

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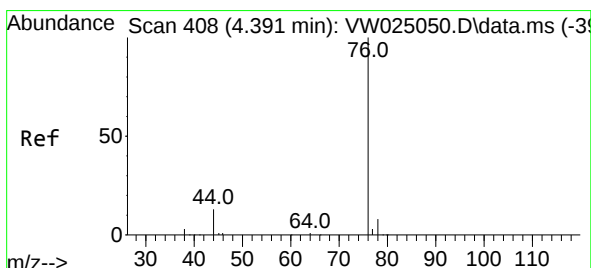
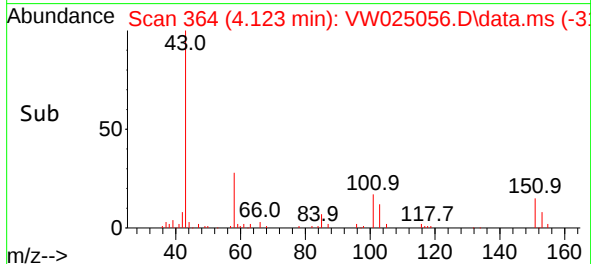
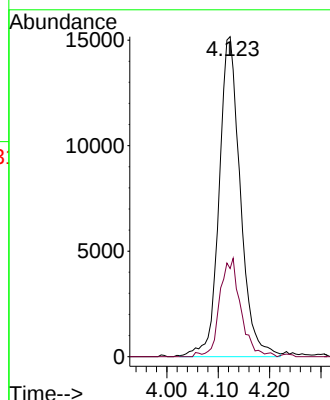
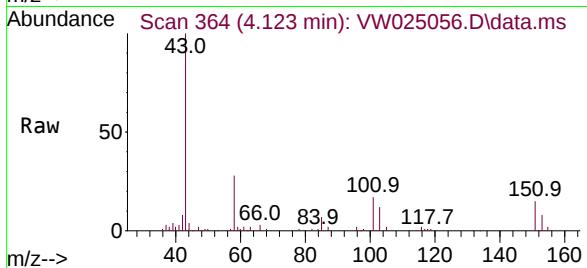
VSTD025499

Tgt Ion: 43 Resp: 43537

Ion Ratio Lower Upper

43 100

58 29.0 0.0 65.4



#14

Carbon disulfide

Concen: 23.330 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.006 min

Lab File: VW025056.D

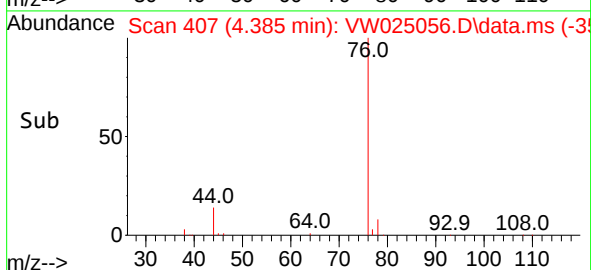
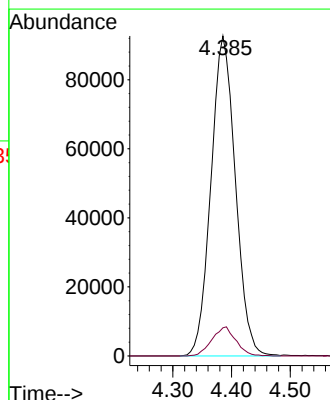
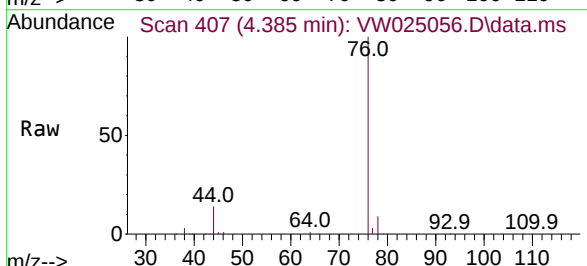
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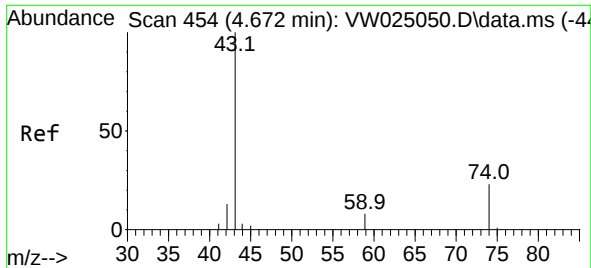
Tgt Ion: 76 Resp: 267756

Ion Ratio Lower Upper

76 100

78 8.8 6.8 10.2

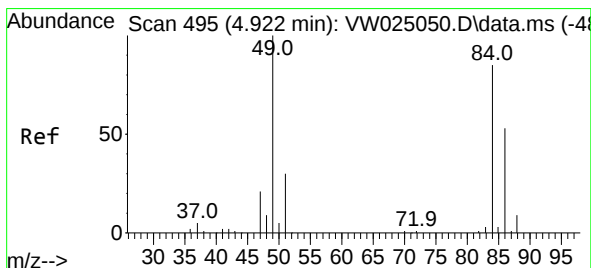
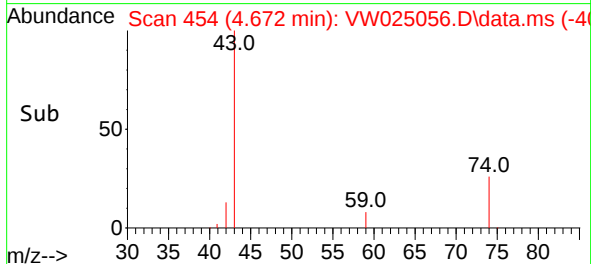
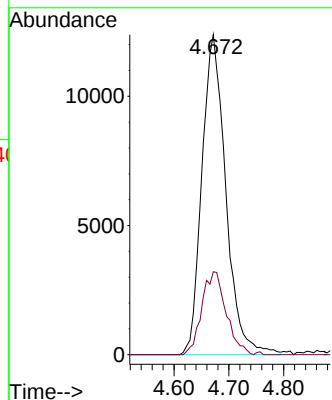
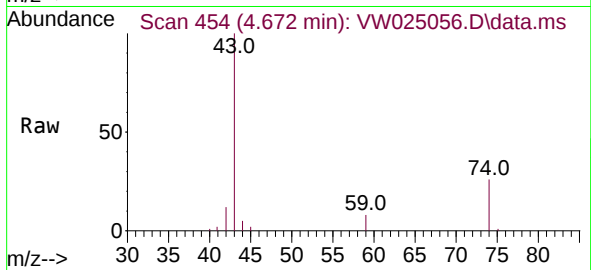




#15
Methyl Acetate
Concen: 22.070 ug/L
RT: 4.672 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

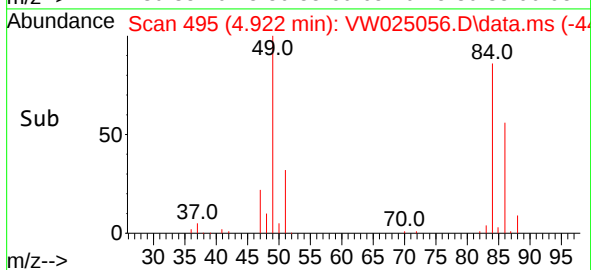
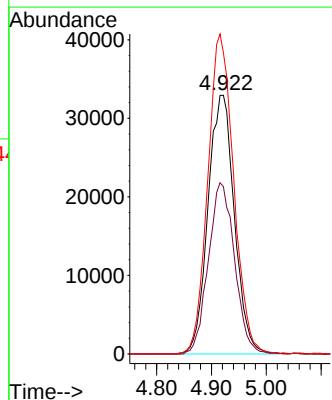
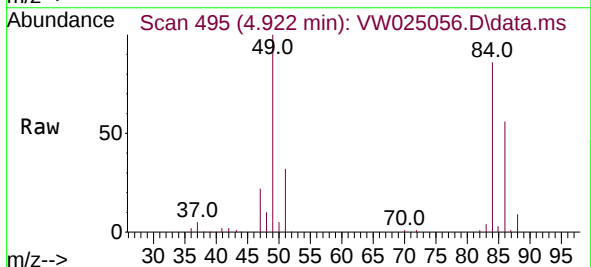
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

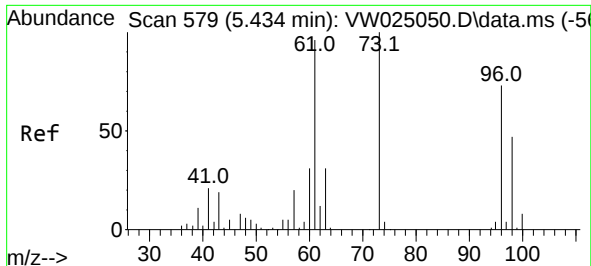
Tgt Ion: 43 Resp: 37452
Ion Ratio Lower Upper
43 100
74 26.3 20.6 30.8



#16
Methylene chloride
Concen: 19.587 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

Tgt Ion: 84 Resp: 110151
Ion Ratio Lower Upper
84 100
86 64.7 42.6 79.0
49 116.4 81.9 152.1

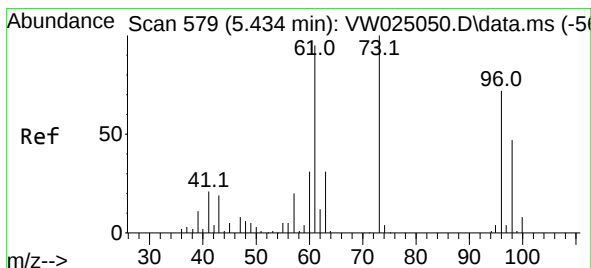
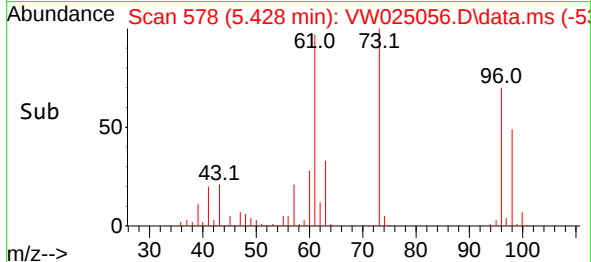
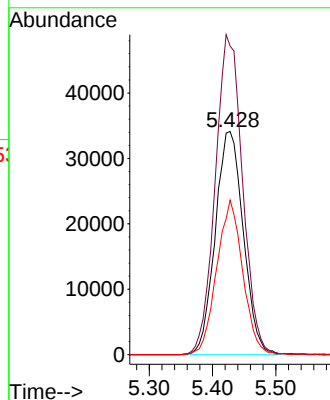
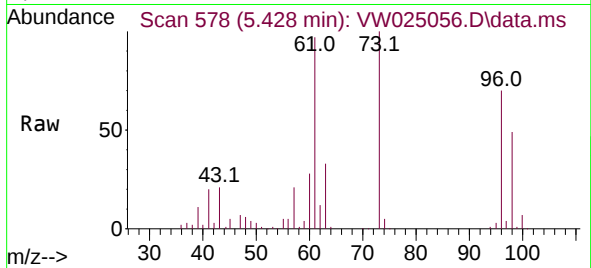




#17
trans-1,2-Dichloroethene
Concen: 24.951 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

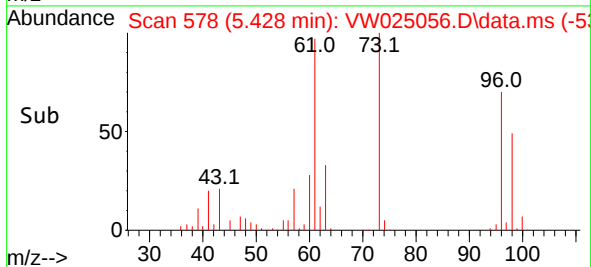
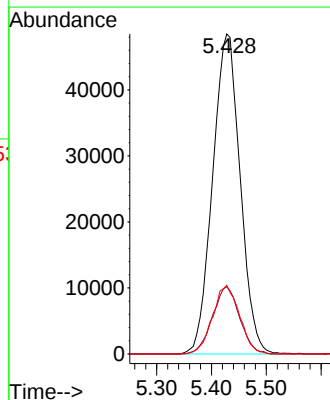
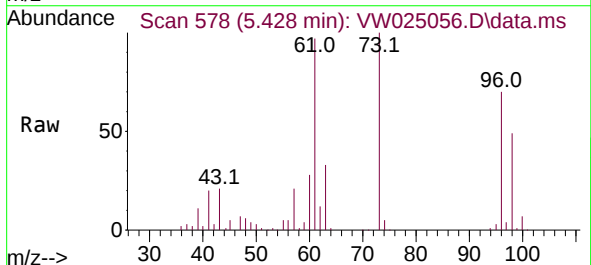
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

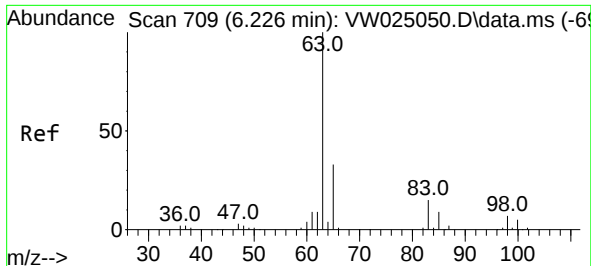
Tgt Ion: 96 Resp: 104971
Ion Ratio Lower Upper
96 100
61 138.2 97.6 181.2
98 69.2 46.8 86.8



#18
Methyl tert-butyl Ether
Concen: 23.962 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

Tgt Ion: 73 Resp: 169100
Ion Ratio Lower Upper
73 100
43 20.8 16.6 24.8
57 21.0 17.1 25.7





#19

1,1-Dichloroethane

Concen: 25.816 ug/L

RT: 6.220 min Scan# 709

Delta R.T. -0.006 min

Lab File: VW025056.D

Acq: 16 Nov 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025499

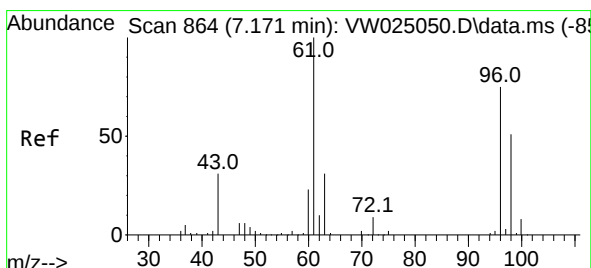
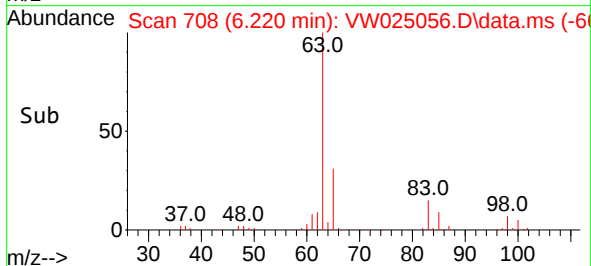
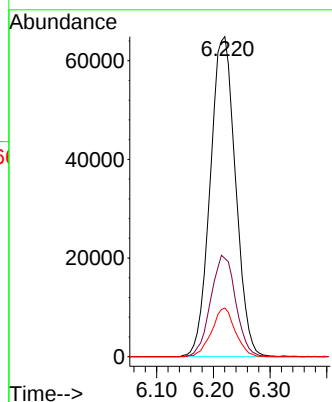
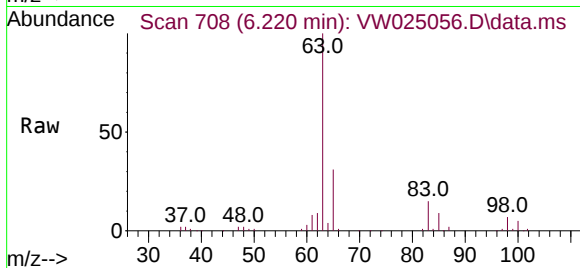
Tgt Ion: 63 Resp: 201074

Ion Ratio Lower Upper

63 100

65 30.7 22.2 41.2

83 15.2 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 26.174 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW025056.D

Acq: 16 Nov 2022 09:14

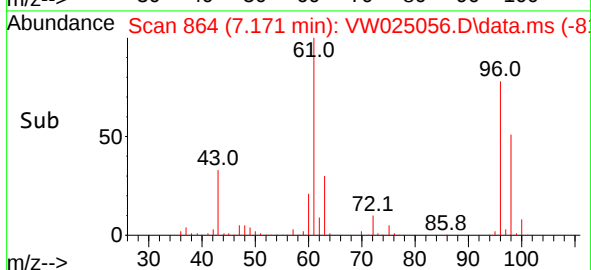
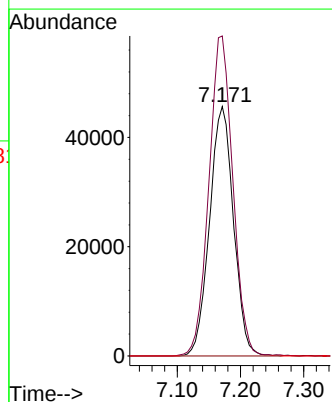
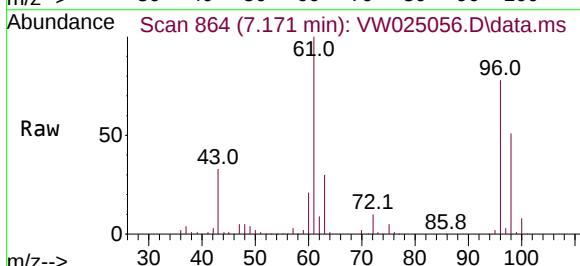
Tgt Ion: 96 Resp: 120019

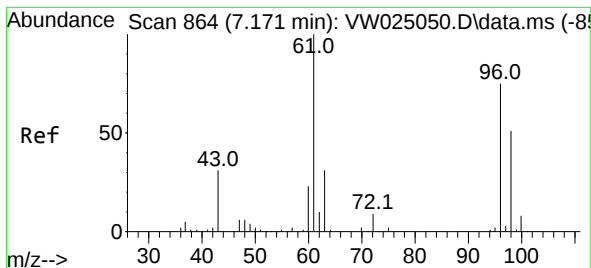
Ion Ratio Lower Upper

96 100

61 128.3 91.8 170.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 42.644 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW025056.D

Acq: 16 Nov 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

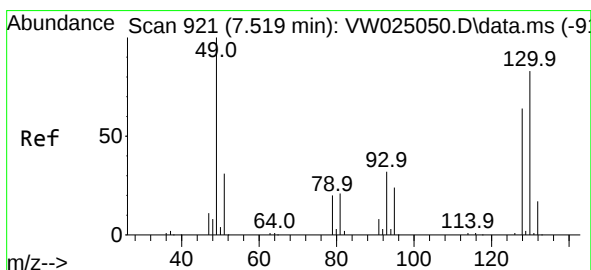
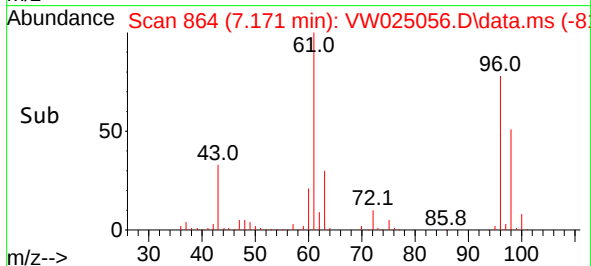
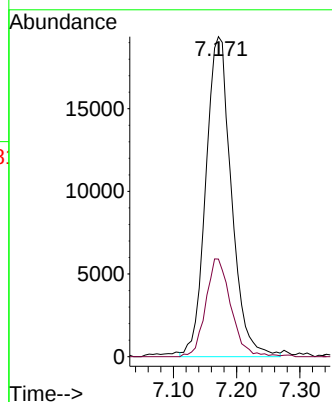
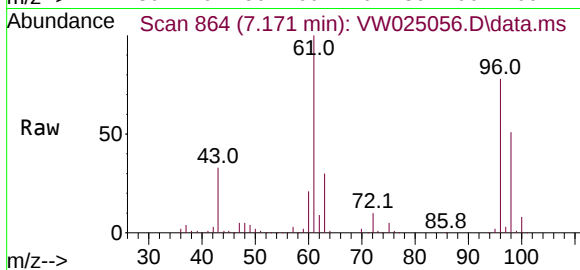
VSTD025499

Tgt Ion: 43 Resp: 54459

Ion Ratio Lower Upper

43 100

72 29.9 14.6 44.0



#23

Bromochloromethane

Concen: 24.851 ug/L

RT: 7.513 min Scan# 920

Delta R.T. -0.006 min

Lab File: VW025056.D

Acq: 16 Nov 2022 09:14

Tgt Ion: 128 Resp: 49399

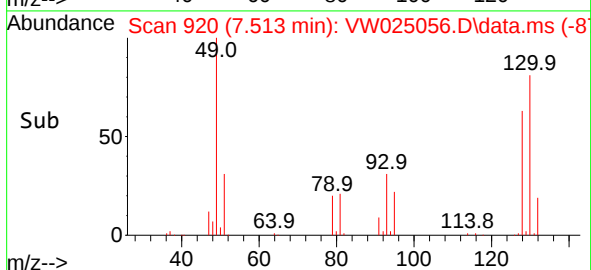
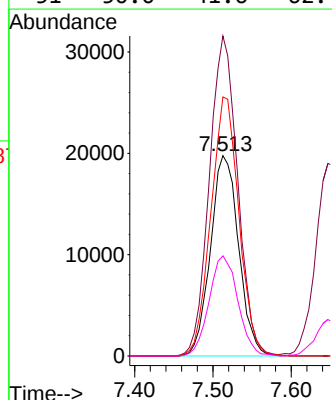
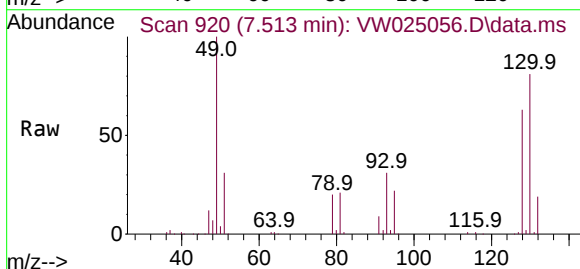
Ion Ratio Lower Upper

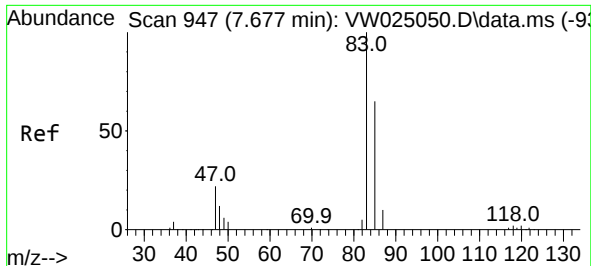
128 100

49 159.8 112.8 209.4

130 129.3 86.2 160.2

51 50.0 41.6 62.4





#25

Chloroform

Concen: 26.479 ug/L

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW025056.D

Acq: 16 Nov 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

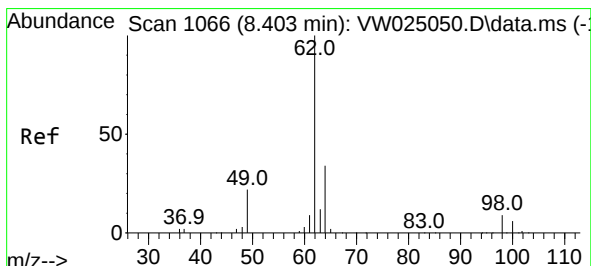
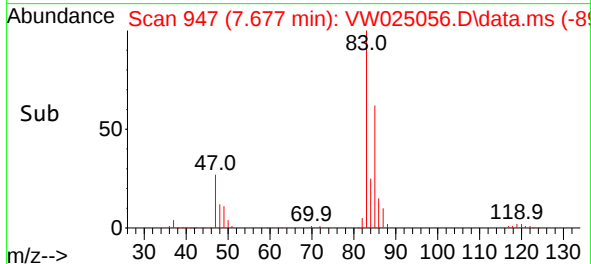
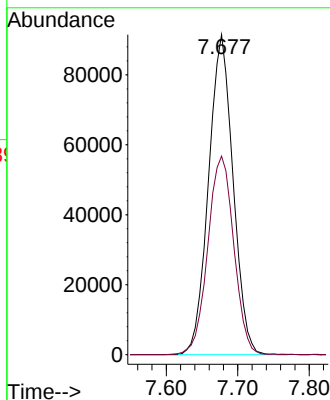
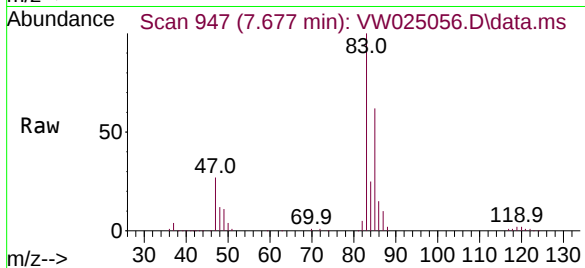
VSTD025499

Tgt Ion: 83 Resp: 217663

Ion Ratio Lower Upper

83 100

85 62.0 47.5 88.3



#27

1,2-Dichloroethane

Concen: 25.241 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VW025056.D

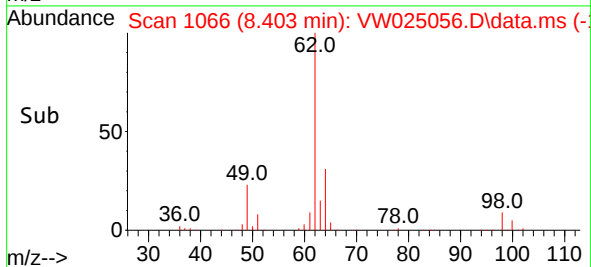
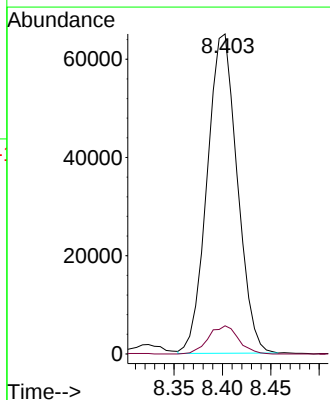
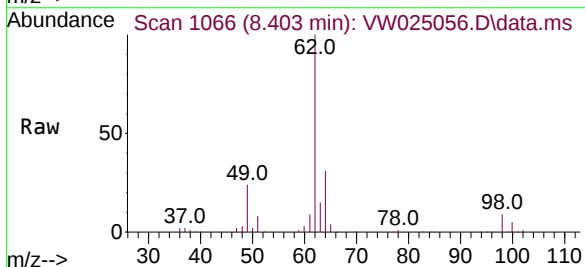
Acq: 16 Nov 2022 09:14

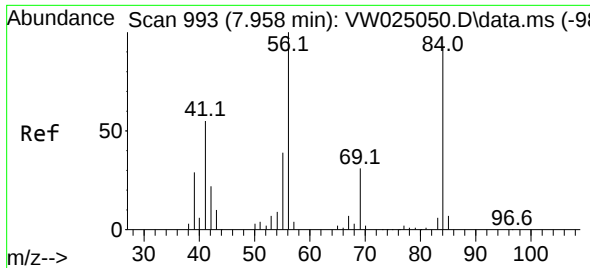
Tgt Ion: 62 Resp: 140742

Ion Ratio Lower Upper

62 100

98 8.8 7.0 10.4

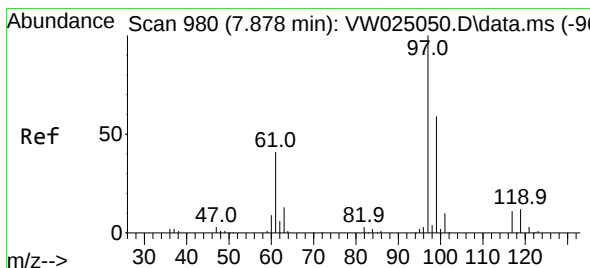
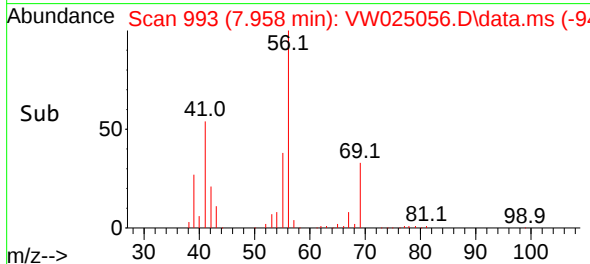
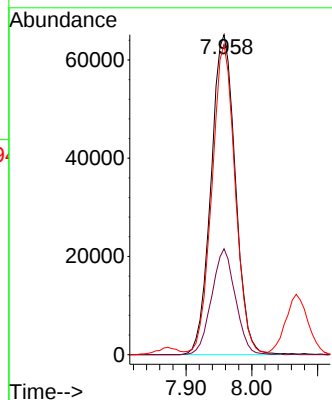
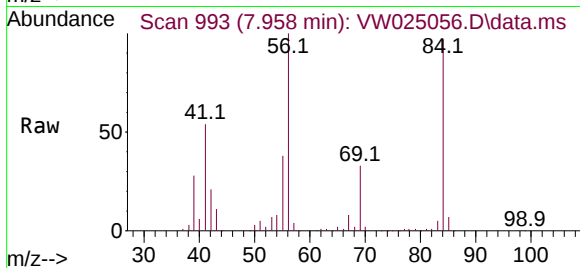




#29
Cyclohexane
Concen: 24.464 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

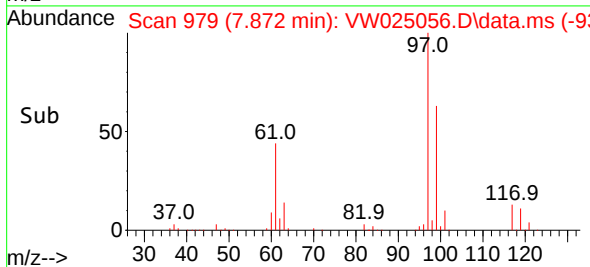
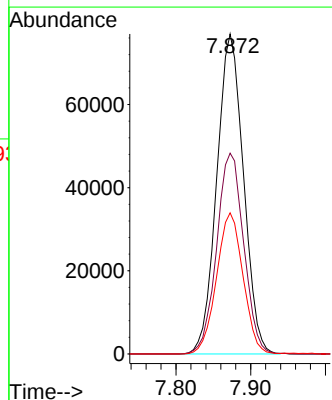
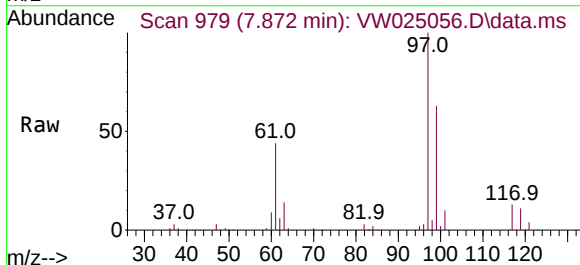
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

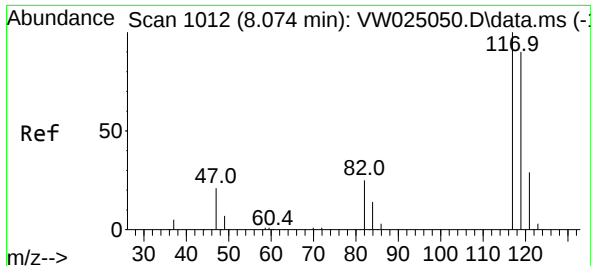
Tgt Ion: 56 Resp: 167466
Ion Ratio Lower Upper
56 100
69 32.3 25.0 37.4
84 93.3 72.6 108.8



#30
1,1,1-Trichloroethane
Concen: 26.958 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

Tgt Ion: 97 Resp: 191254
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.8
61 43.7 36.6 54.8

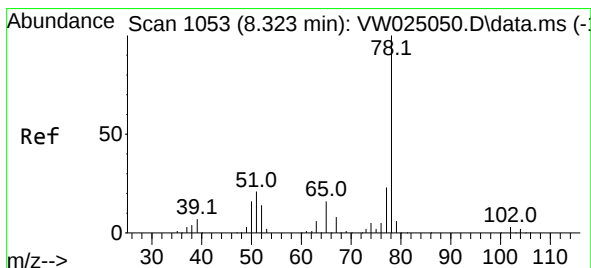
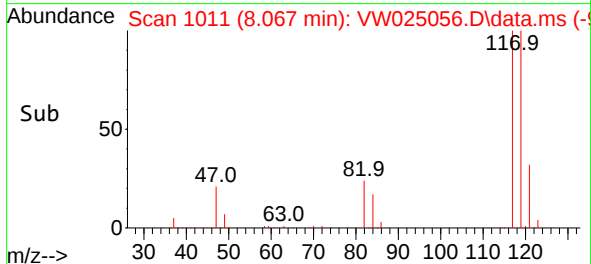
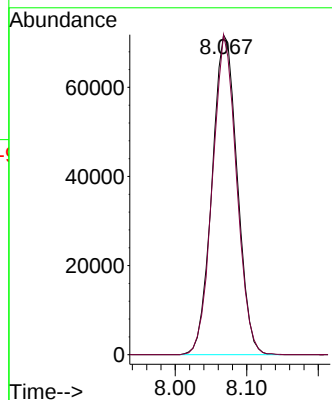
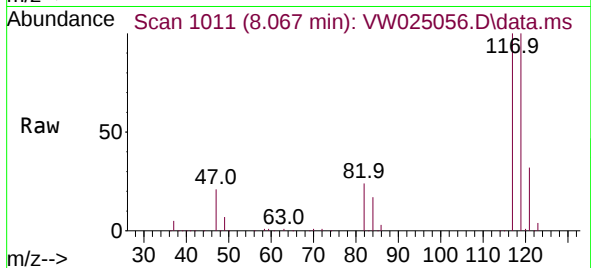




#31
Carbon tetrachloride
Concen: 27.704 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

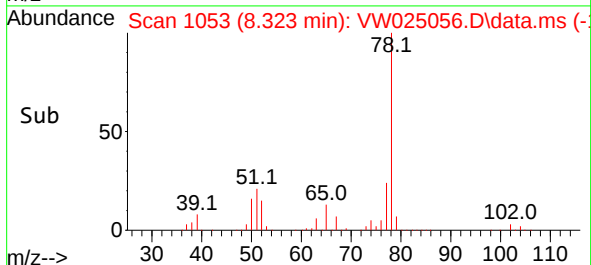
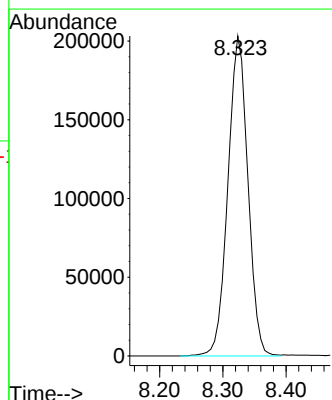
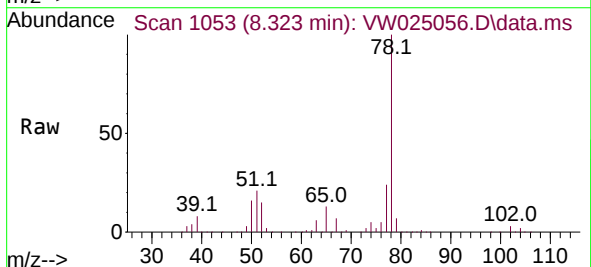
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

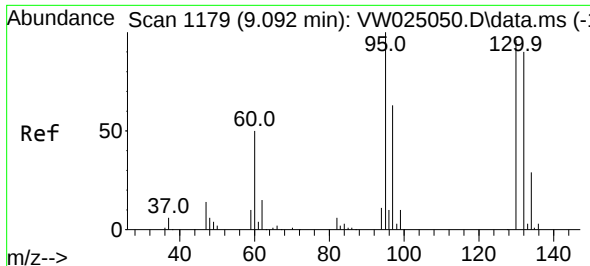
Tgt Ion:117 Resp: 175624
Ion Ratio Lower Upper
117 100
119 95.9 77.7 116.5



#33
Benzene
Concen: 25.538 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

Tgt Ion: 78 Resp: 445839



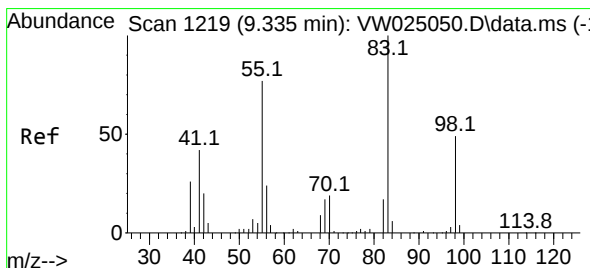
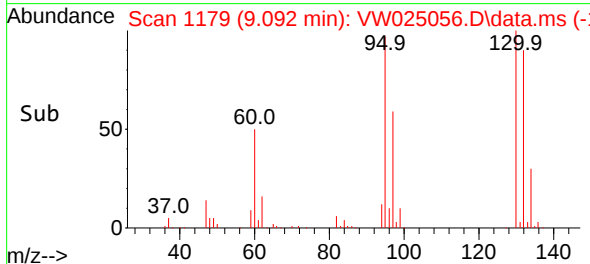
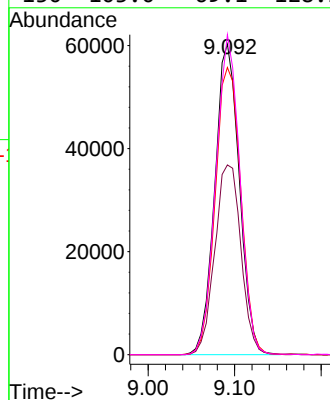
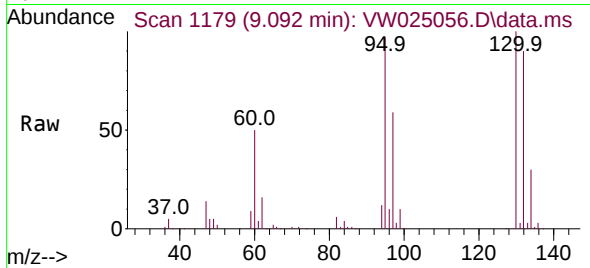


#34
Trichloroethene
Concen: 25.758 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

Tgt Ion: 95 Resp: 119041

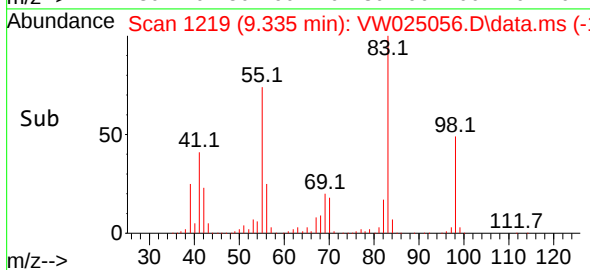
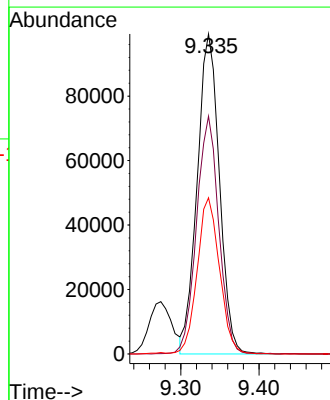
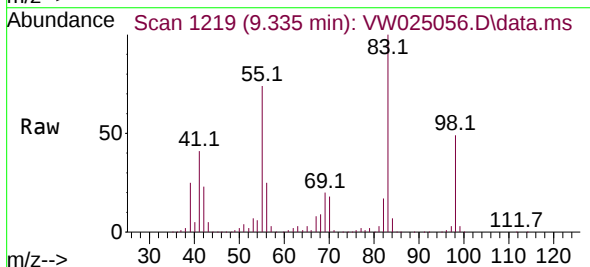
Ion	Ratio	Lower	Upper
95	100		
97	61.1	44.7	83.1
132	92.5	62.6	116.2
130	103.0	69.1	128.3

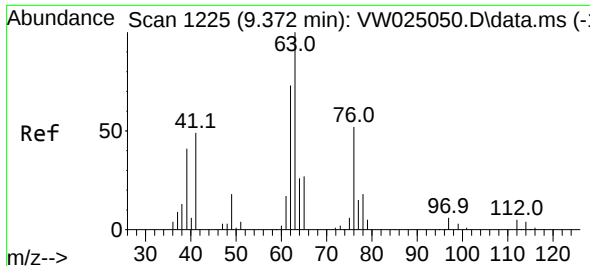


#35
Methylcyclohexane
Concen: 24.914 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

Tgt Ion: 83 Resp: 195638

Ion	Ratio	Lower	Upper
83	100		
55	74.3	60.4	90.6
98	49.1	39.5	59.3





#37

1,2-Dichloropropane

Concen: 25.505 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW025056.D

Acq: 16 Nov 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

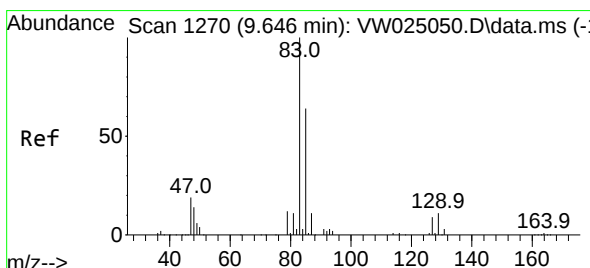
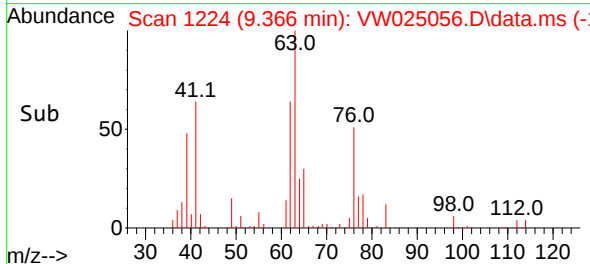
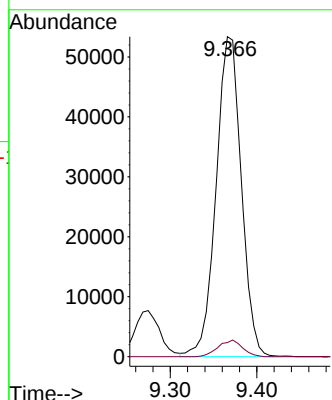
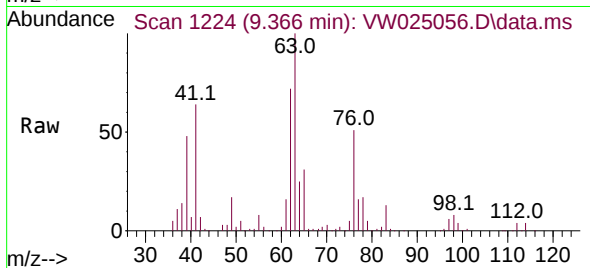
VSTD025499

Tgt Ion: 63 Resp: 108071

Ion Ratio Lower Upper

63 100

112 5.0 3.6 5.4



#38

Bromodichloromethane

Concen: 26.810 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW025056.D

Acq: 16 Nov 2022 09:14

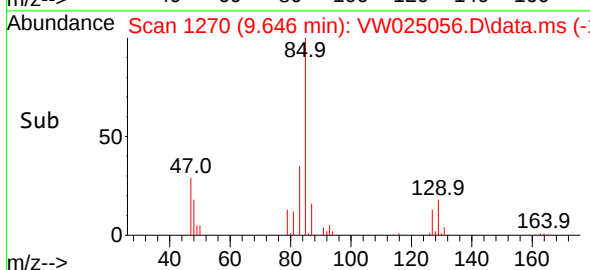
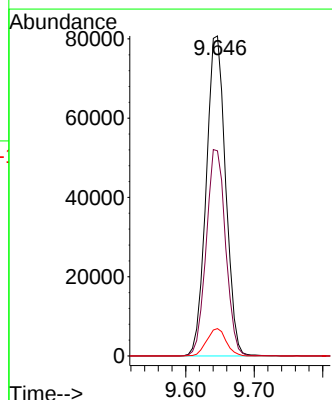
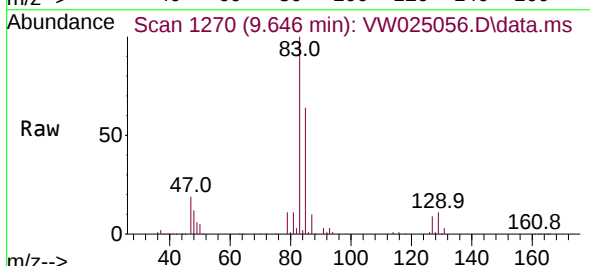
Tgt Ion: 83 Resp: 158544

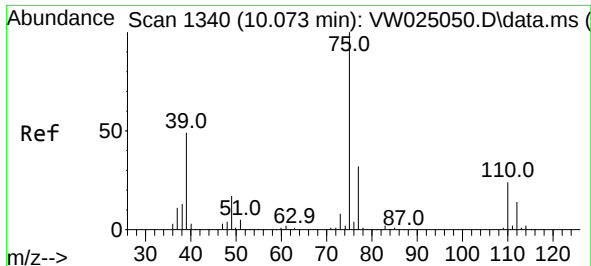
Ion Ratio Lower Upper

83 100

85 64.1 45.8 85.0

127 8.6 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 26.779 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW025056.D

Acq: 16 Nov 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

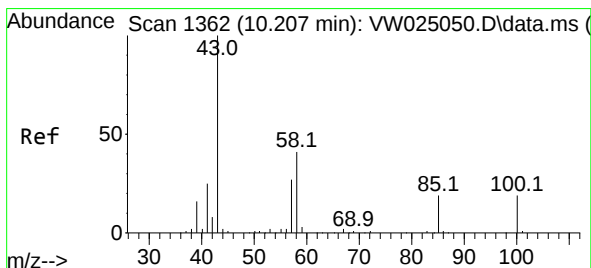
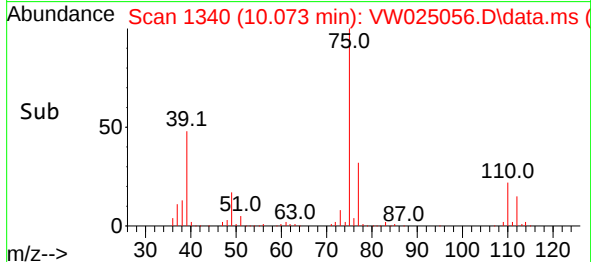
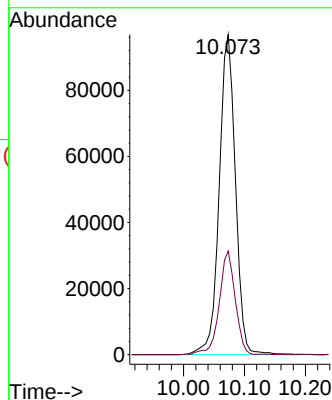
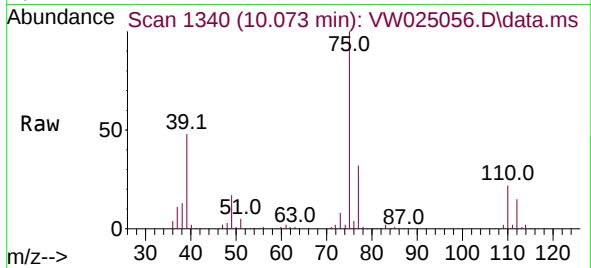
VSTD025499

Tgt Ion: 75 Resp: 179377

Ion Ratio Lower Upper

75 100

77 32.4 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 43.757 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW025056.D

Acq: 16 Nov 2022 09:14

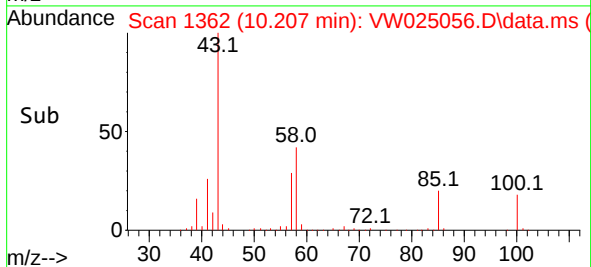
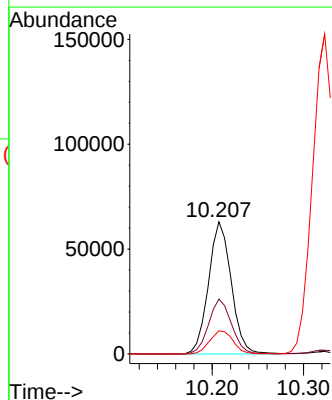
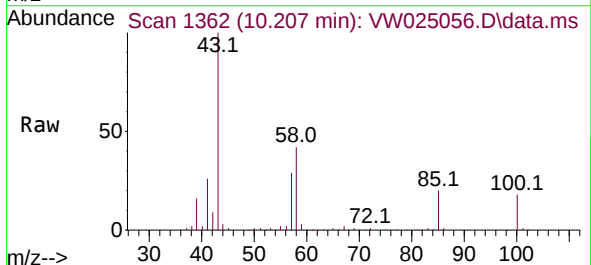
Tgt Ion: 43 Resp: 108801

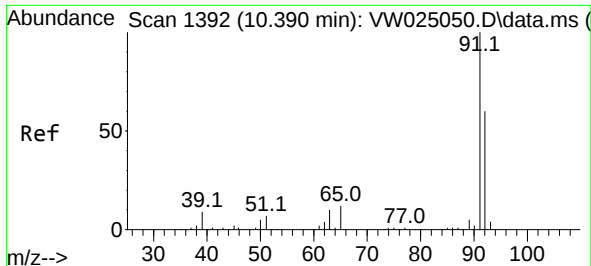
Ion Ratio Lower Upper

43 100

58 41.6 32.6 48.8

100 18.2 14.0 21.0





#42

Toluene

Concen: 26.152 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW025056.D

Acq: 16 Nov 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

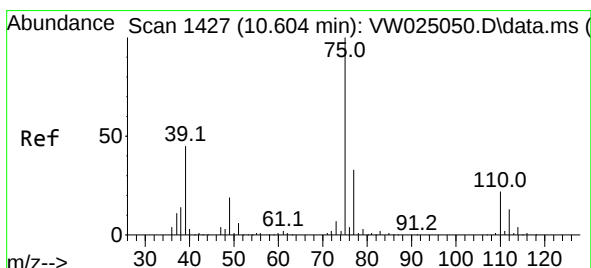
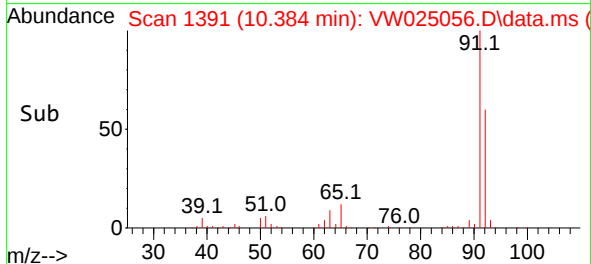
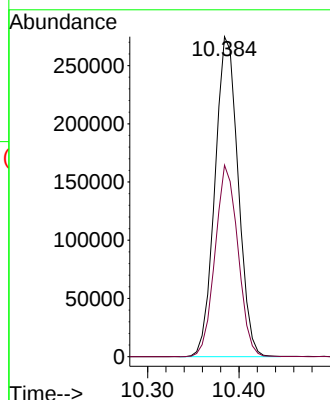
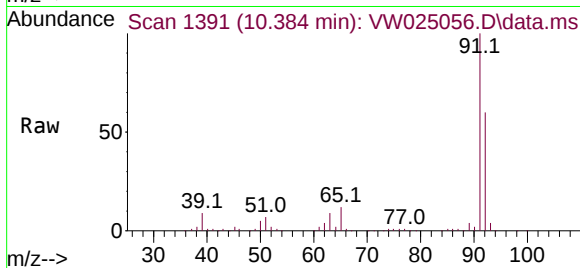
VSTD025499

Tgt Ion: 91 Resp: 484701

Ion Ratio Lower Upper

91 100

92 59.9 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 25.930 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW025056.D

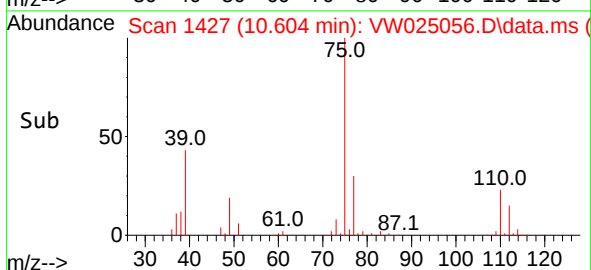
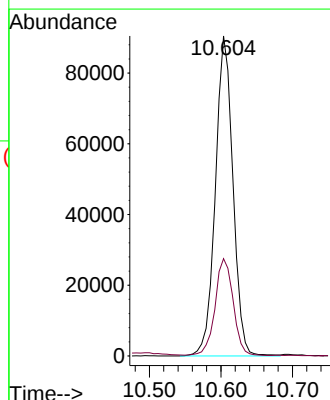
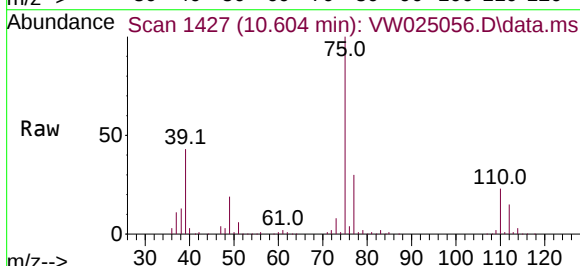
Acq: 16 Nov 2022 09:14

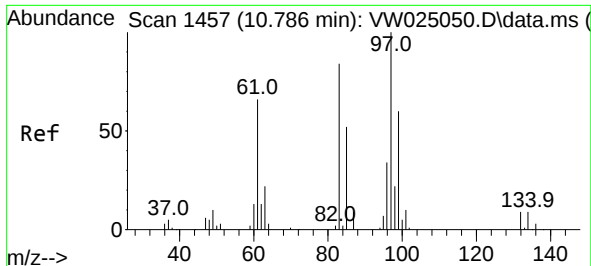
Tgt Ion: 75 Resp: 154414

Ion Ratio Lower Upper

75 100

77 30.4 22.3 41.5

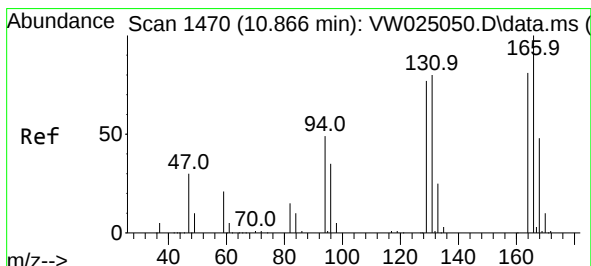
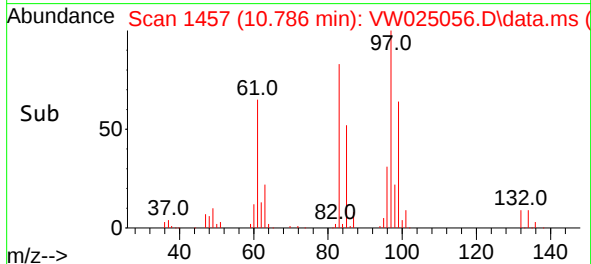
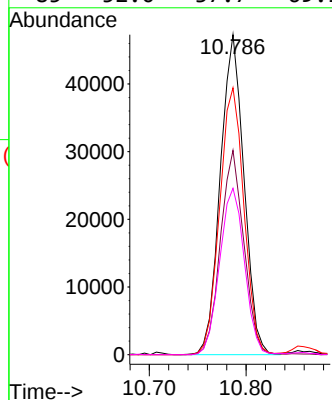
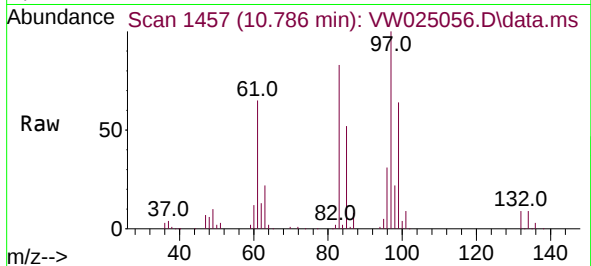




#45
1,1,2-Trichloroethane
Concen: 25.085 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

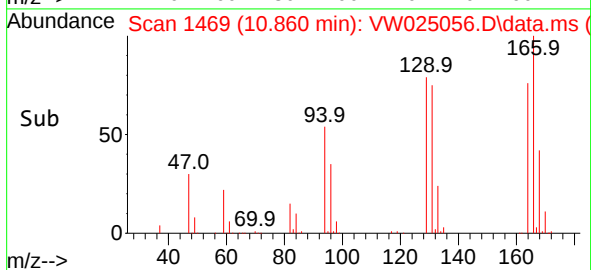
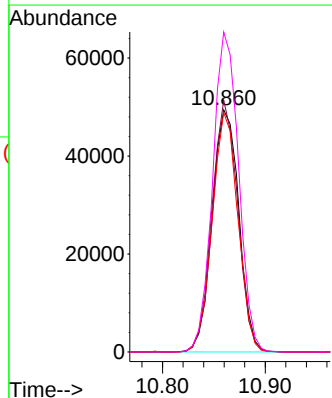
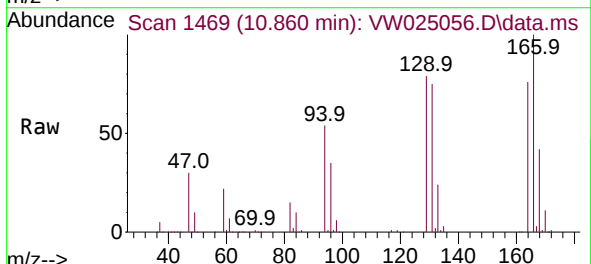
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

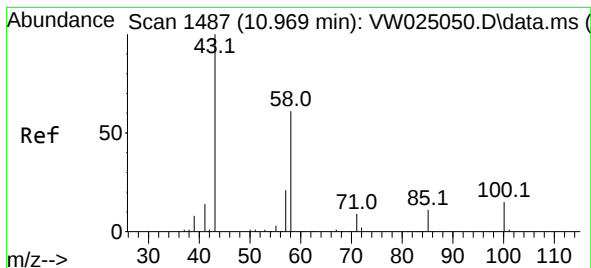
Tgt Ion:	97	Resp:	80253
Ion	Ratio	Lower	Upper
97	100		
99	63.8	44.0	81.6
83	83.4	59.9	111.3
85	52.0	37.7	69.9



#46
Tetrachloroethene
Concen: 26.905 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

Tgt Ion:	164	Resp:	88922
Ion	Ratio	Lower	Upper
164	100		
129	104.0	72.9	135.5
131	99.0	70.1	130.3
166	132.2	80.2	148.9

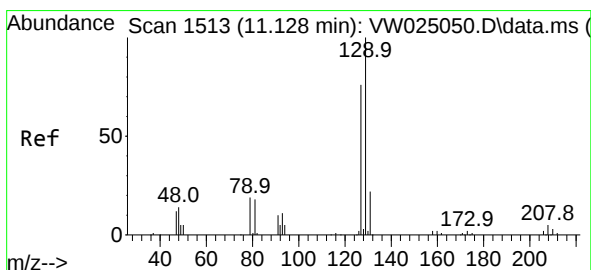
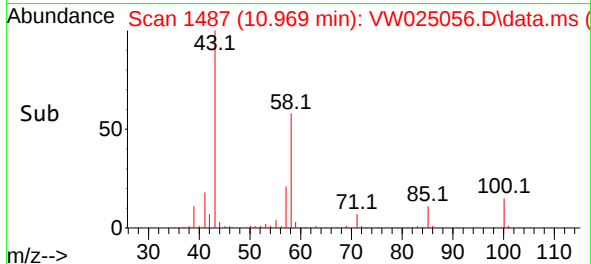
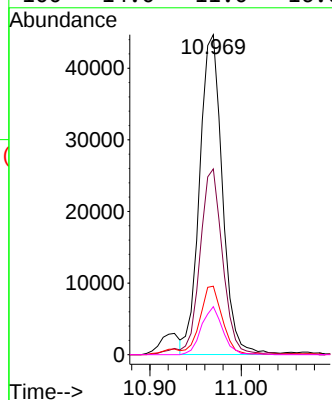
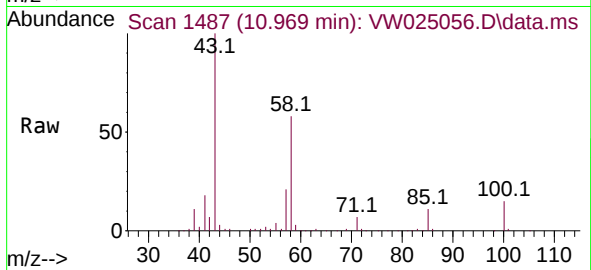




#48
2-Hexanone
Concen: 45.045 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

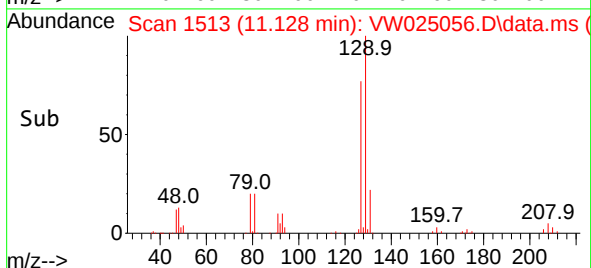
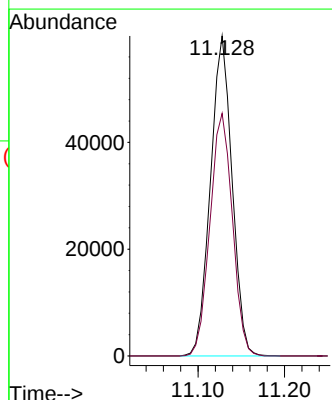
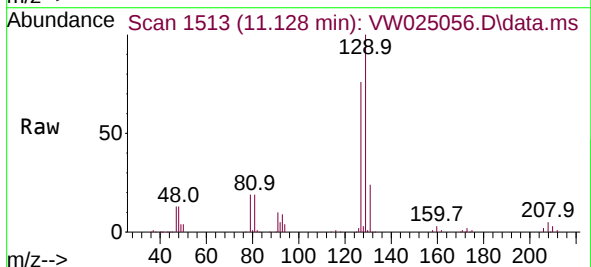
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

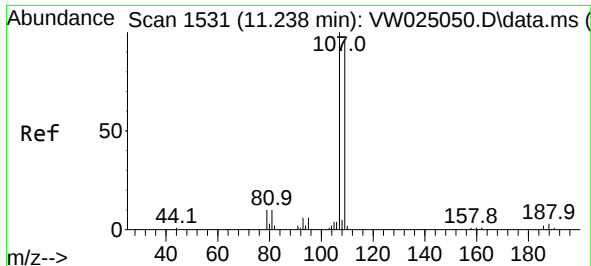
Tgt Ion:	43	Resp:	77460
Ion	Ratio	Lower	Upper
43	100		
58	57.1	46.1	69.1
57	21.0	16.2	24.2
100	14.0	11.0	16.6



#49
Dibromochloromethane
Concen: 26.677 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

Tgt Ion:	129	Resp:	104034
Ion	Ratio	Lower	Upper
129	100		
127	75.8	53.2	98.8

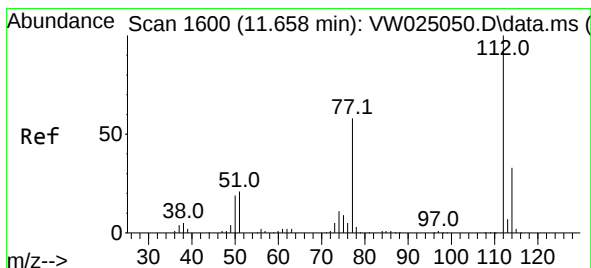
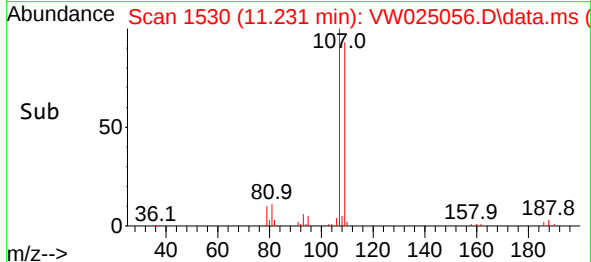
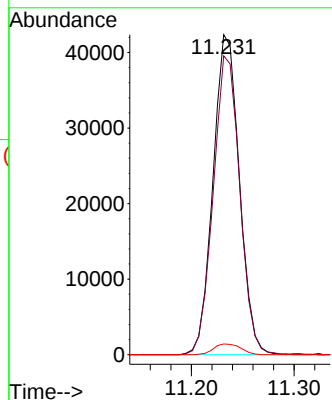
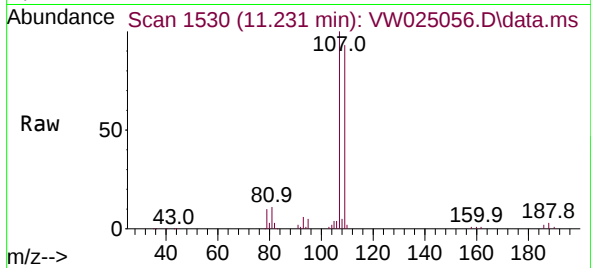




#50
1,2-Dibromoethane
Concen: 24.877 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

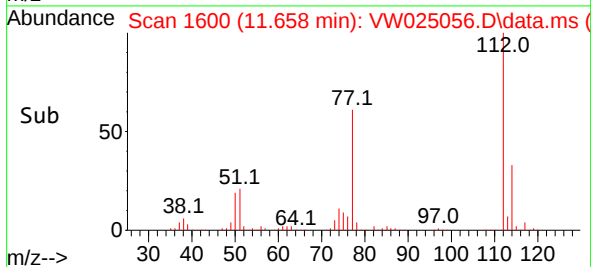
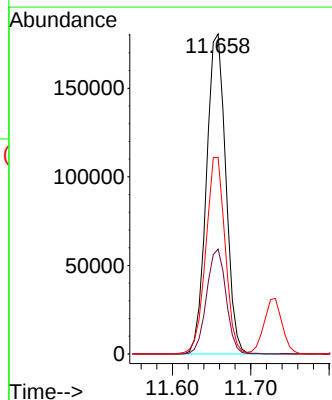
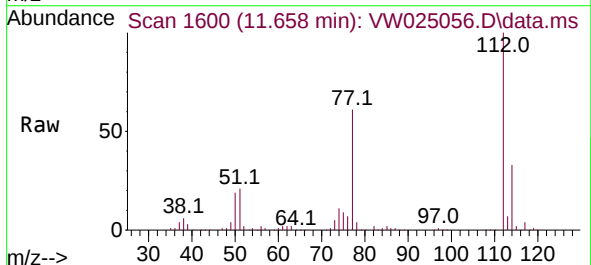
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

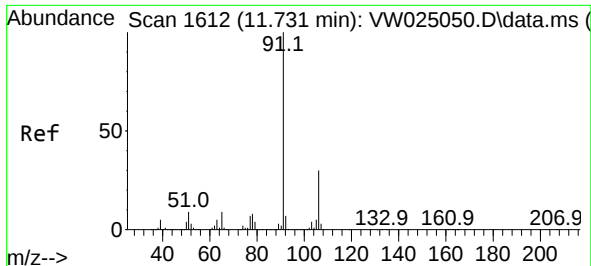
Tgt Ion:107 Resp: 75270
Ion Ratio Lower Upper
107 100
109 93.4 64.5 119.7
188 3.4 2.9 4.3



#51
Chlorobenzene
Concen: 25.779 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

Tgt Ion:112 Resp: 309701
Ion Ratio Lower Upper
112 100
114 32.7 20.8 38.6
77 61.5 48.2 72.2

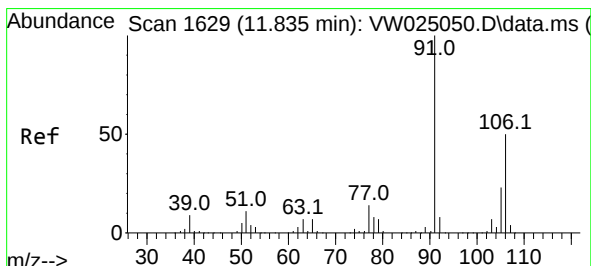
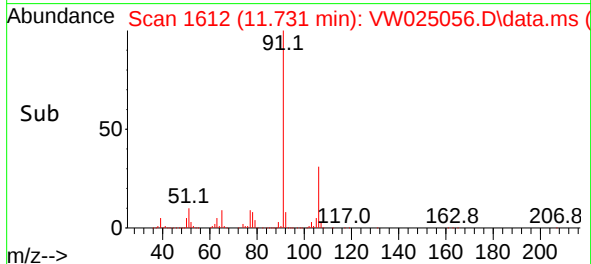
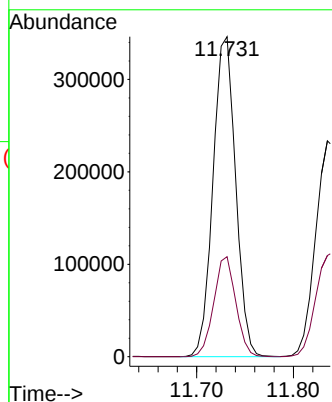
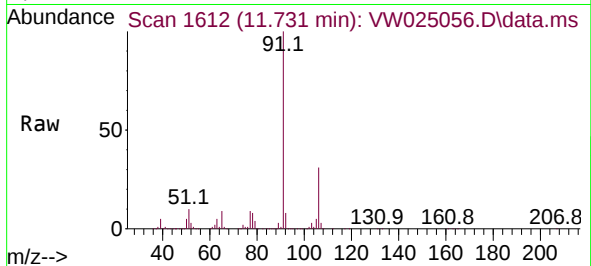




#52
Ethylbenzene
Concen: 26.329 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

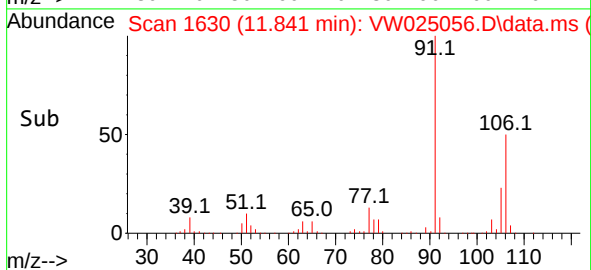
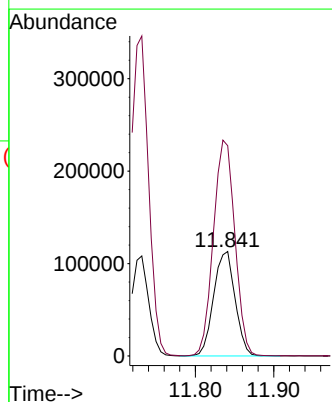
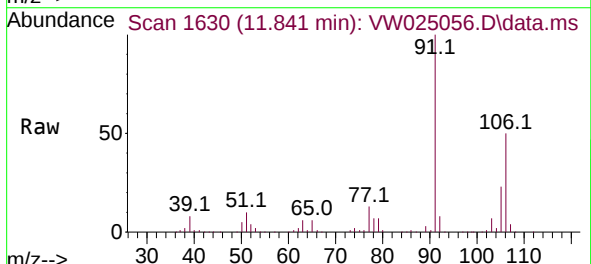
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

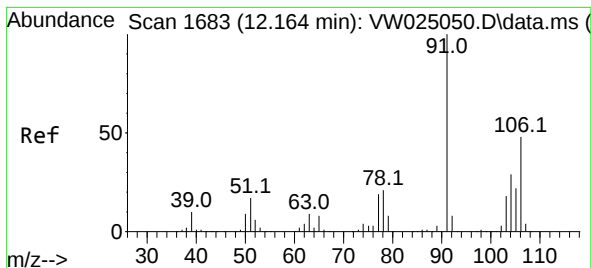
Tgt Ion: 91 Resp: 563274
Ion Ratio Lower Upper
91 100
106 31.2 22.3 41.5



#53
m,p-Xylene
Concen: 25.980 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

Tgt Ion:106 Resp: 215150
Ion Ratio Lower Upper
106 100
91 201.2 143.9 267.2





#54

o-Xylene

Concen: 26.555 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025056.D

Acq: 16 Nov 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

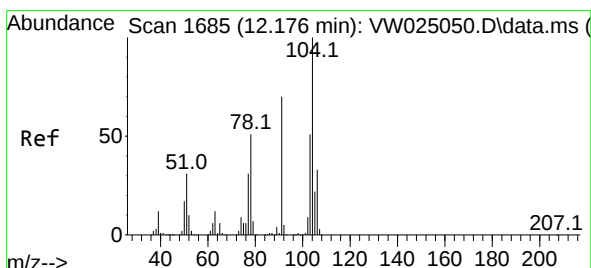
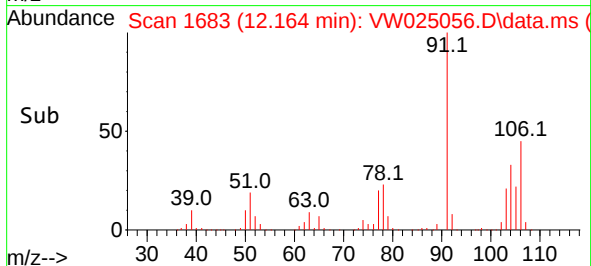
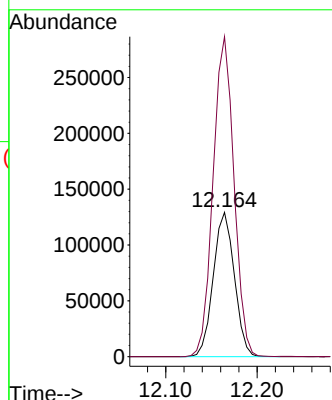
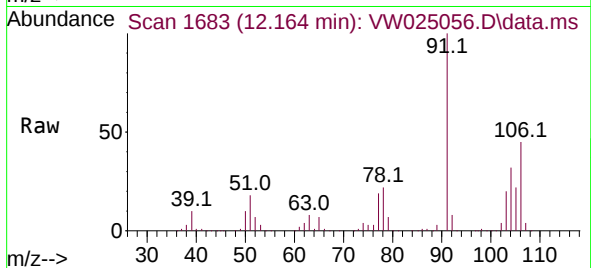
VSTD025499

Tgt Ion:106 Resp: 207465

Ion Ratio Lower Upper

106 100

91 221.7 153.5 285.1



#55

Styrene

Concen: 26.466 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW025056.D

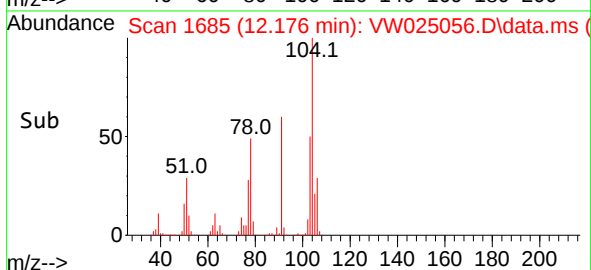
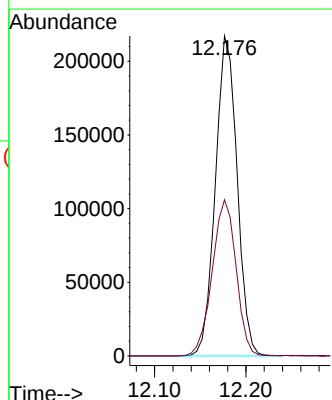
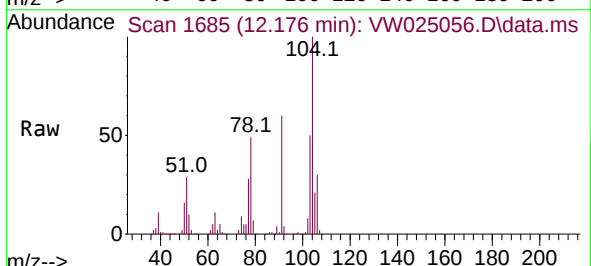
Acq: 16 Nov 2022 09:14

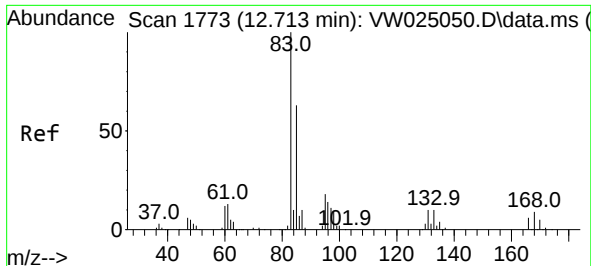
Tgt Ion:104 Resp: 359133

Ion Ratio Lower Upper

104 100

78 48.8 31.3 58.1





#57

1,1,2-Tetrachloroethane

Concen: 23.869 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW025056.D

Acq: 16 Nov 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025499

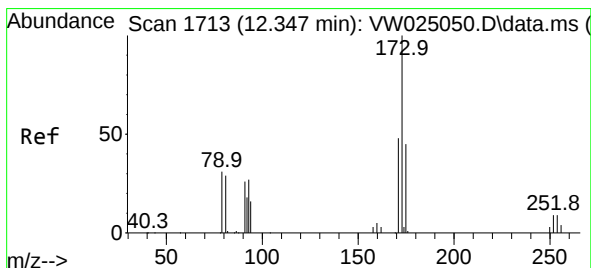
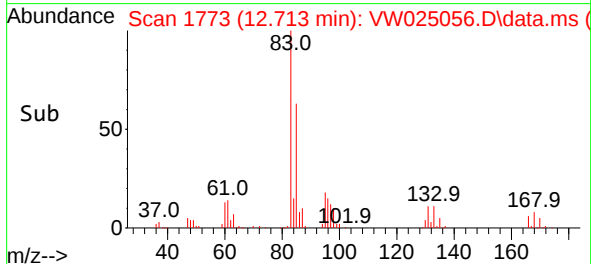
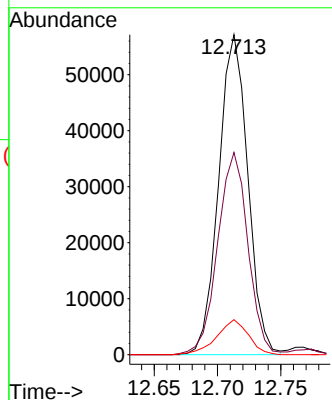
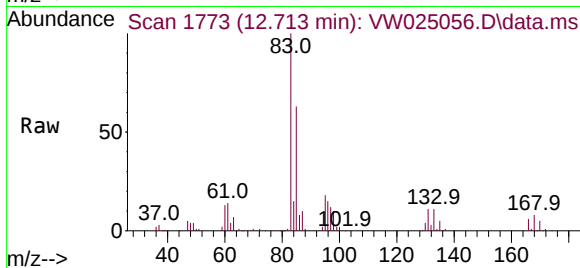
Tgt Ion: 83 Resp: 91608

Ion Ratio Lower Upper

83 100

85 63.2 46.4 86.2

131 11.0 8.2 12.4



#59

Bromoform

Concen: 26.093 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW025056.D

Acq: 16 Nov 2022 09:14

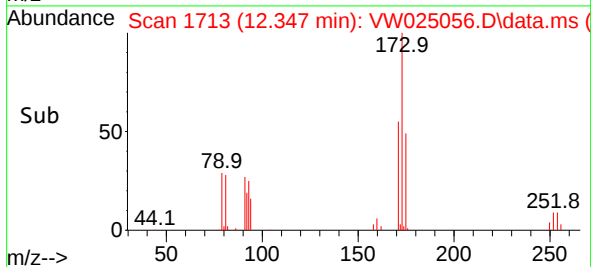
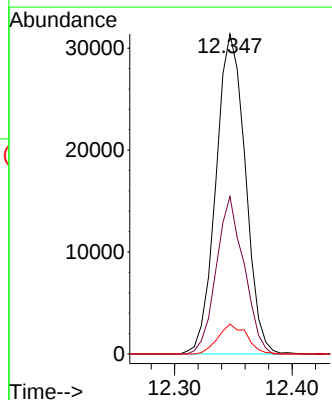
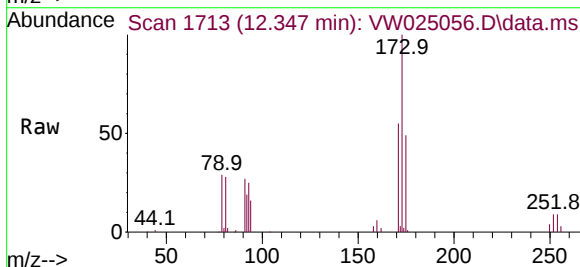
Tgt Ion: 173 Resp: 54540

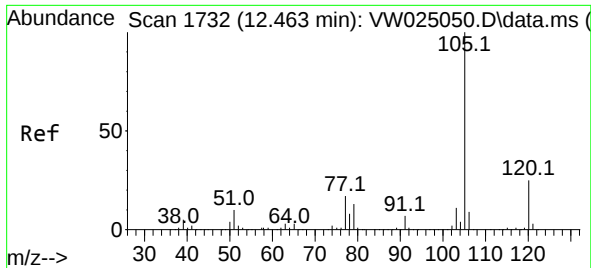
Ion Ratio Lower Upper

173 100

175 46.4 37.4 56.2

254 9.1 5.8 8.8#

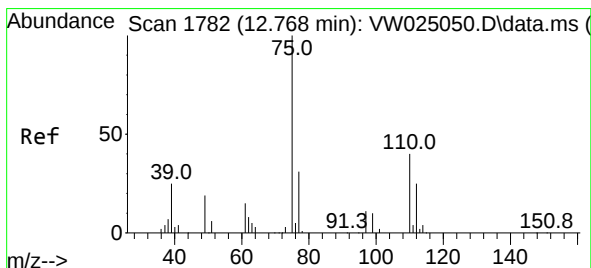
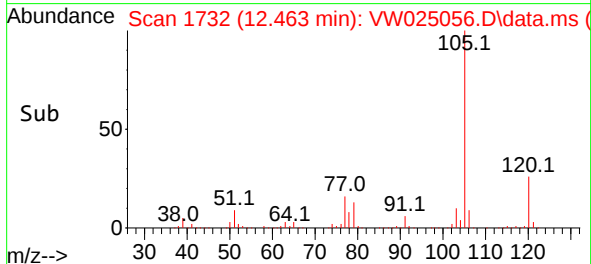
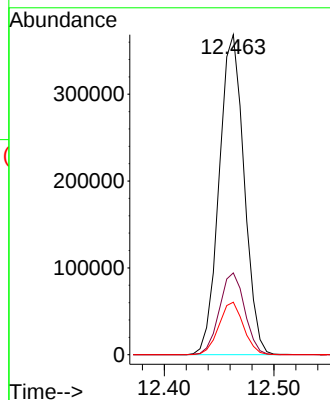
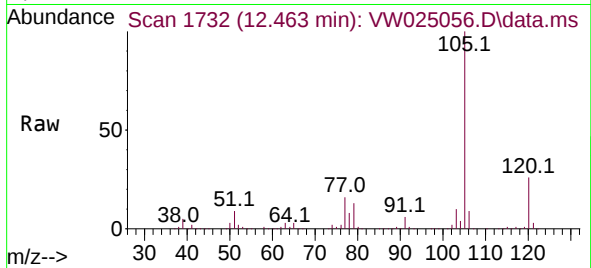




#60
Isopropylbenzene
Concen: 26.235 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

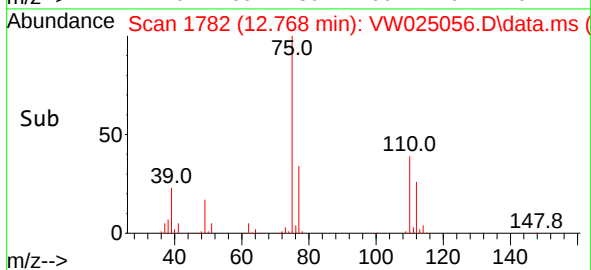
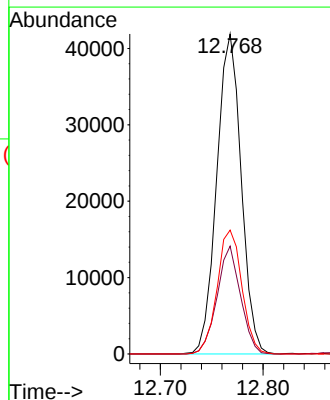
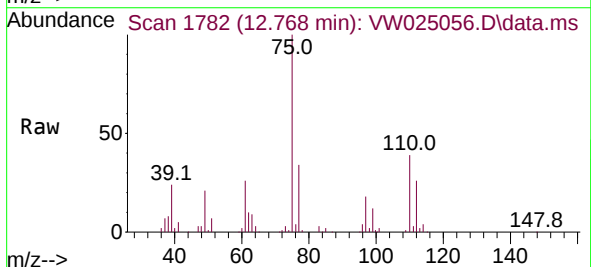
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

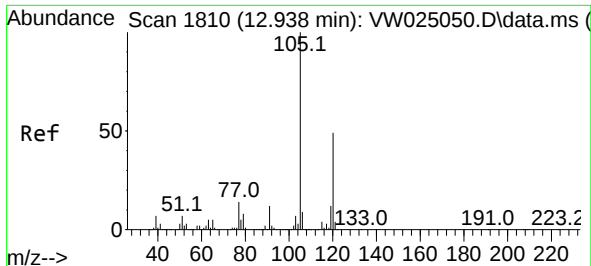
Tgt Ion:105 Resp: 582888
Ion Ratio Lower Upper
105 100
120 25.9 20.8 31.2
77 16.2 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 23.277 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

Tgt Ion: 75 Resp: 69111
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5
110 39.2 31.7 47.5

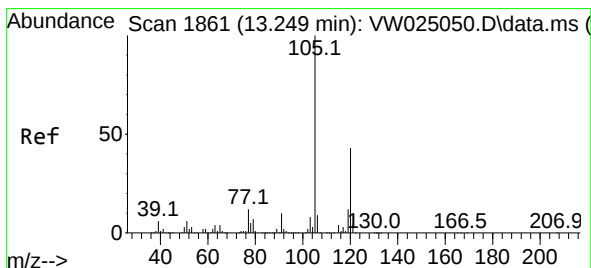
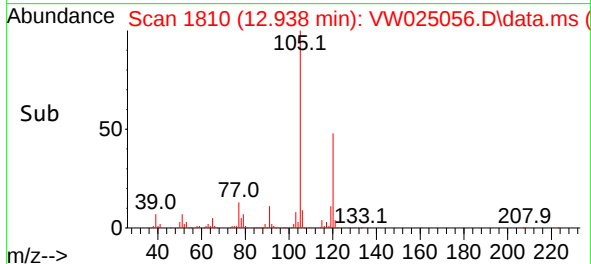
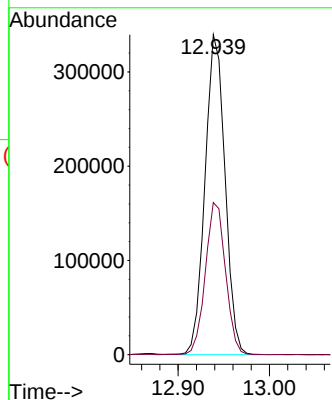
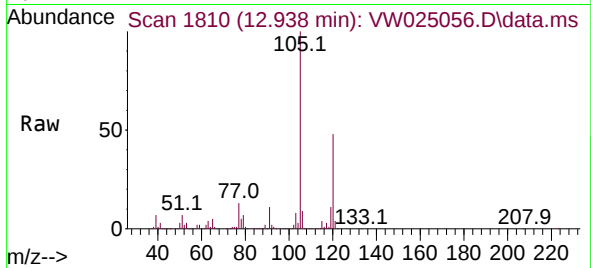




#62
1,3,5-Trimethylbenzene
Concen: 26.738 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

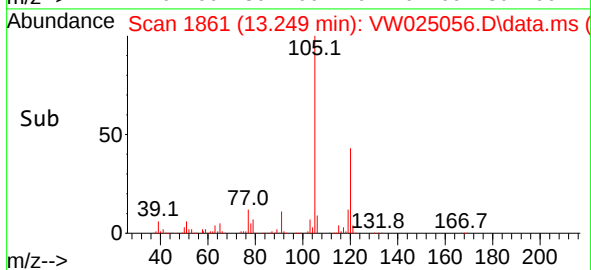
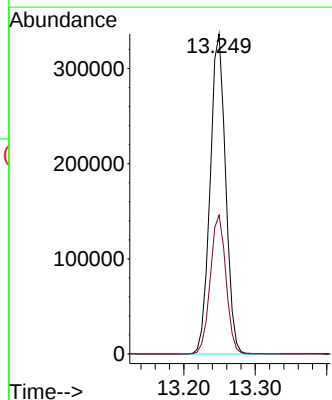
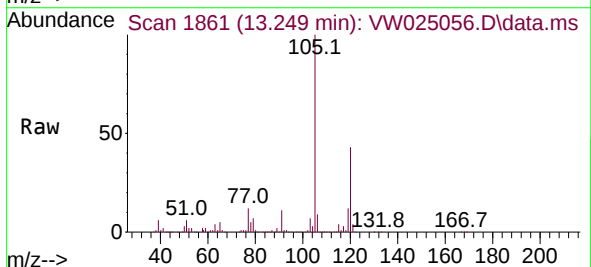
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

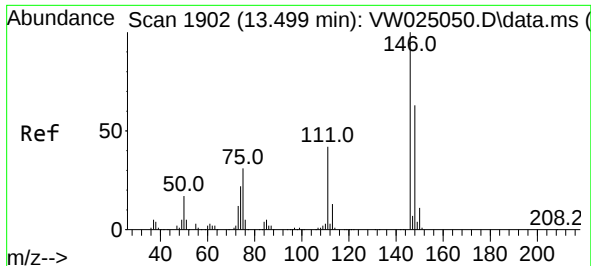
Tgt Ion:105 Resp: 515691
Ion Ratio Lower Upper
105 100
120 47.8 37.6 56.4



#63
1,2,4-Trimethylbenzene
Concen: 26.717 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

Tgt Ion:105 Resp: 505291
Ion Ratio Lower Upper
105 100
120 43.9 35.7 53.5

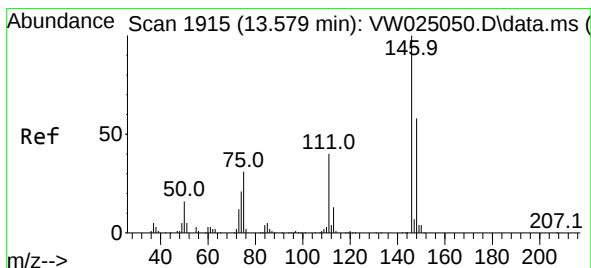
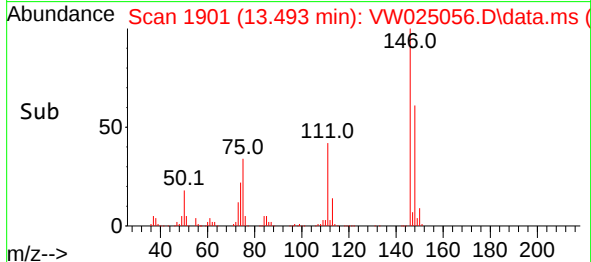
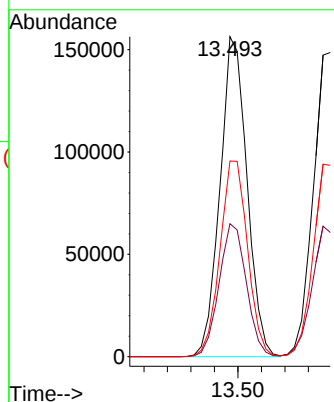
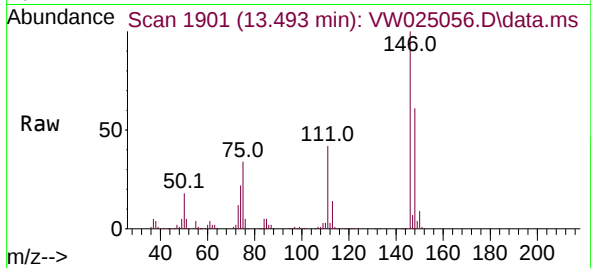




#64
1,3-Dichlorobenzene
Concen: 26.931 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

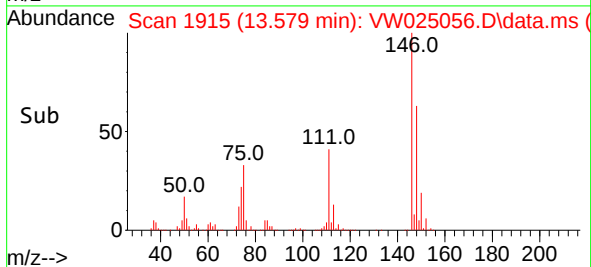
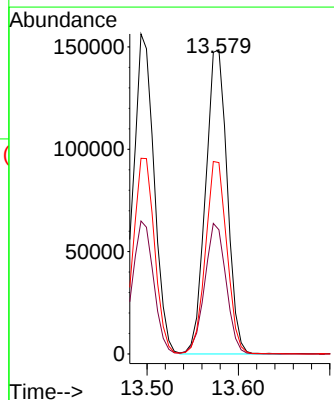
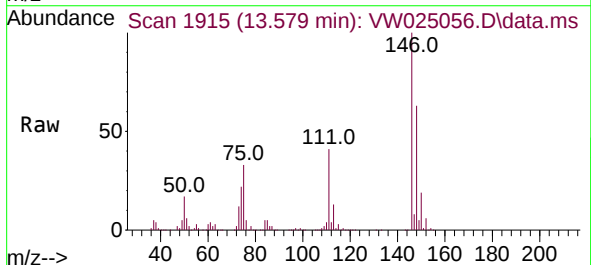
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

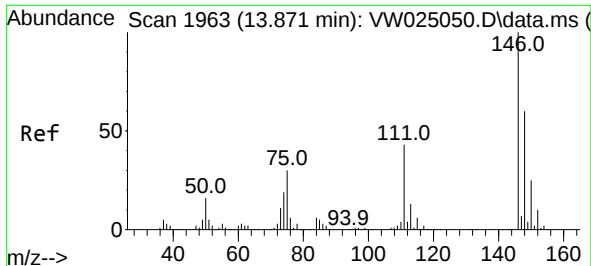
Tgt Ion:146 Resp: 249559
Ion Ratio Lower Upper
146 100
111 41.5 31.1 57.7
148 61.2 47.2 87.6



#65
1,4-Dichlorobenzene
Concen: 26.387 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

Tgt Ion:146 Resp: 243983
Ion Ratio Lower Upper
146 100
111 40.8 28.8 53.6
148 62.9 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 26.020 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW025056.D

Acq: 16 Nov 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025499

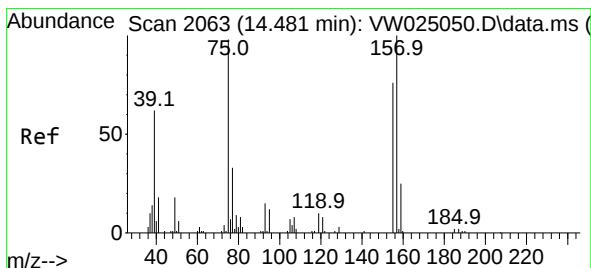
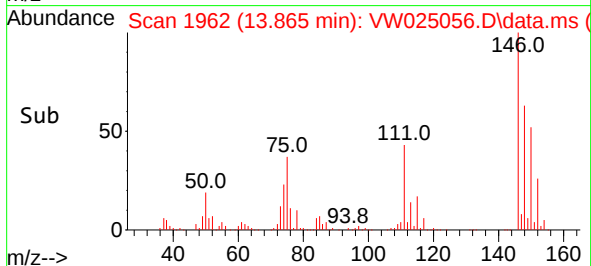
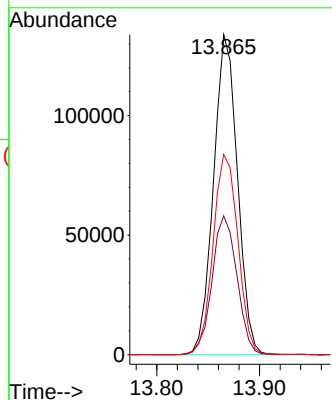
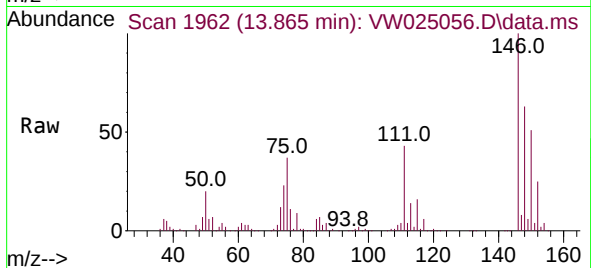
Tgt Ion:146 Resp: 216794

Ion Ratio Lower Upper

146 100

111 43.4 34.2 51.4

148 62.6 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 23.490 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025056.D

Acq: 16 Nov 2022 09:14

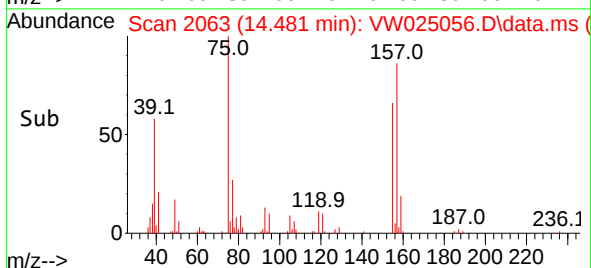
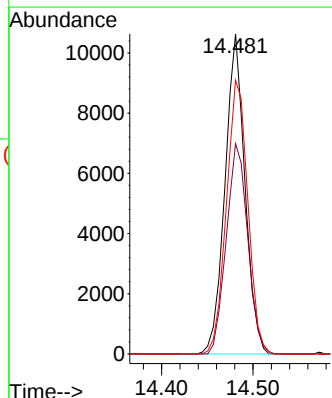
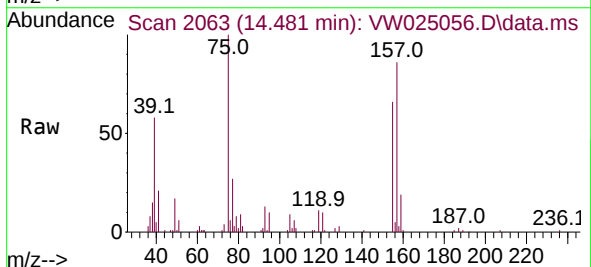
Tgt Ion: 75 Resp: 16117

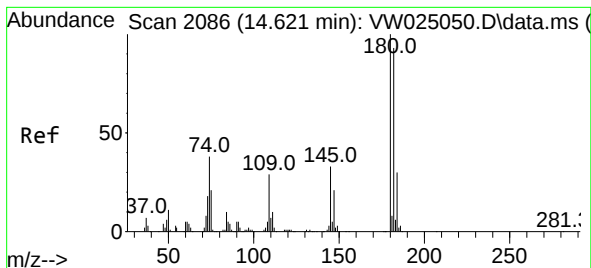
Ion Ratio Lower Upper

75 100

155 65.8 61.2 91.8

157 85.6 72.4 108.6





#69

1,3,5-Trichlorobenzene

Concen: 26.997 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW025056.D

Acq: 16 Nov 2022 09:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025499

Tgt Ion:180 Resp: 165702

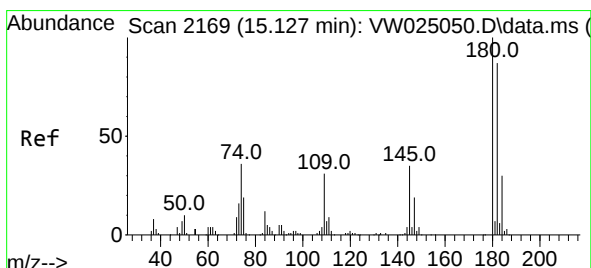
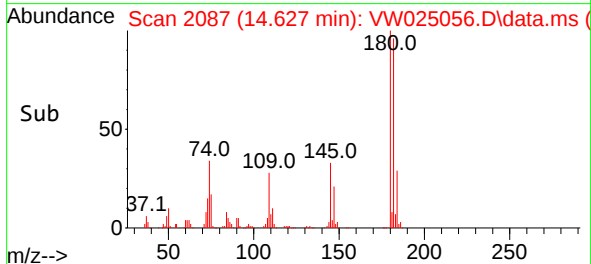
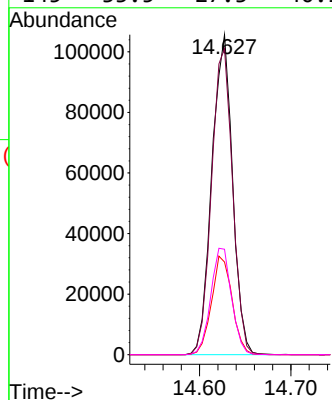
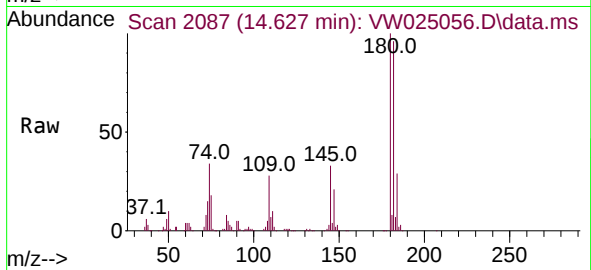
Ion Ratio Lower Upper

180 100

182 97.2 75.7 113.5

184 30.7 23.4 35.2

145 33.5 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 27.491 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW025056.D

Acq: 16 Nov 2022 09:14

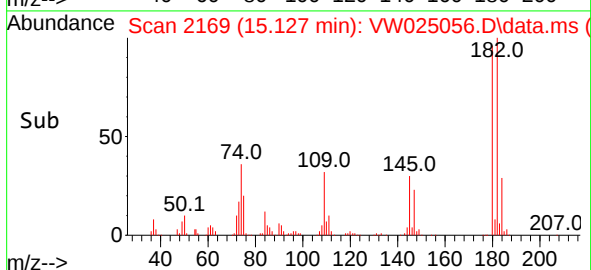
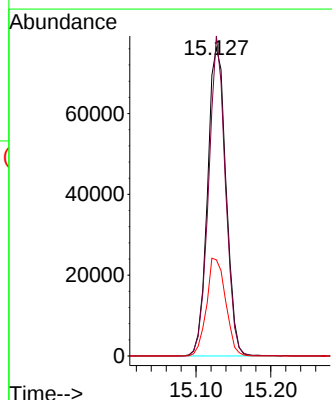
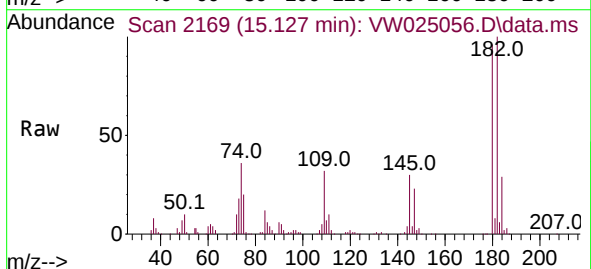
Tgt Ion:180 Resp: 131148

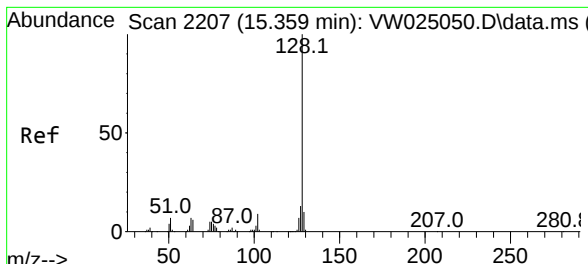
Ion Ratio Lower Upper

180 100

182 94.3 74.9 112.3

145 32.6 27.0 40.4

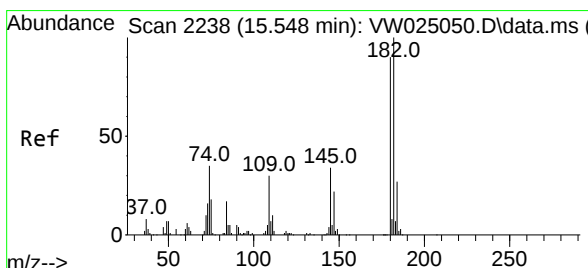
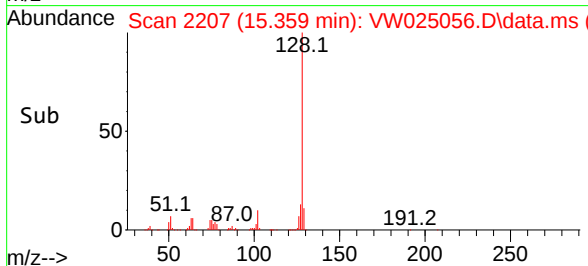
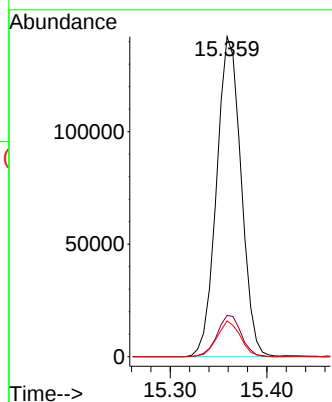
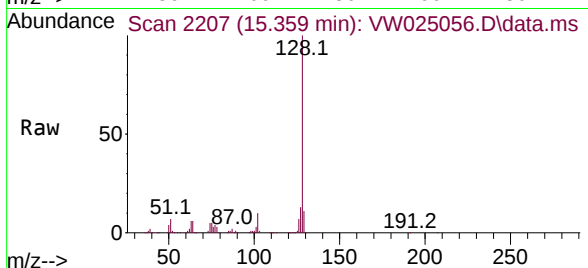




#71
Naphthalene
Concen: 24.851 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

Tgt Ion:128 Resp: 250089
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.6 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 26.362 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW025056.D
Acq: 16 Nov 2022 09:14

Tgt Ion:180 Resp: 109577
Ion Ratio Lower Upper
180 100
182 96.3 74.1 111.1
145 34.9 28.2 42.2

