

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110922\
 Data File : VW025029.D
 Acq On : 09 Nov 2022 14:31
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025490

Quant Time: Nov 10 00:20:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 10 00:20:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	272745	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	251726	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	128304	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	55329	18.073	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.280%
7) Chloroethane-d5	2.885	69	39565	22.062	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.240%
11) 1,1-Dichloroethene-d2	4.019	63	160077	20.991	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.960%
21) 2-Butanone-d5	7.074	46	45496	44.033	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.060%
24) Chloroform-d	7.647	84	212850	25.715	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.840%
26) 1,2-Dichloroethane-d4	8.305	65	118747	25.629	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.520%
32) Benzene-d6	8.275	84	390721	24.216	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.880%
36) 1,2-Dichloropropane-d6	9.275	67	110206	23.311	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.240%
41) Toluene-d8	10.317	98	360064	23.970	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.880%
43) trans-1,3-Dichloroprop...	10.573	79	49162	23.452	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.800%
47) 2-Hexanone-d5	10.921	63	37689	46.151	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.300%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	88554	23.459	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	123328	25.012	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	19035	20.924	ug/L	100
3) Chloromethane	2.215	50	42664	19.499	ug/L	99
5) Vinyl chloride	2.361	62	62040	20.521	ug/L	95
6) Bromomethane	2.776	94	32504	21.544	ug/L	97
8) Chloroethane	2.922	64	27522	21.823	ug/L	95
9) Trichlorofluoromethane	3.257	101	45022	17.752	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	82145	22.872	ug/L	99
12) 1,1-Dichloroethene	4.038	96	77267	22.838	ug/L	93
13) Acetone	4.123	43	27484	37.444	ug/L	94
14) Carbon disulfide	4.385	76	210364	21.285	ug/L	95
15) Methyl Acetate	4.666	43	30156	20.636	ug/L	99
16) Methylene chloride	4.916	84	89606	18.503	ug/L	97
17) trans-1,2-Dichloroethene	5.422	96	85797	23.683	ug/L	96
18) Methyl tert-butyl Ether	5.422	73	140487	23.117	ug/L	98
19) 1,1-Dichloroethane	6.214	63	158217	23.589	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	93715	23.734	ug/L	100
22) 2-Butanone	7.165	43	39802	36.193	ug/L	99
23) Bromochloromethane	7.513	128	42156	24.627	ug/L	93
25) Chloroform	7.677	83	180066	25.438	ug/L	96

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 Response via : Initial Calibration

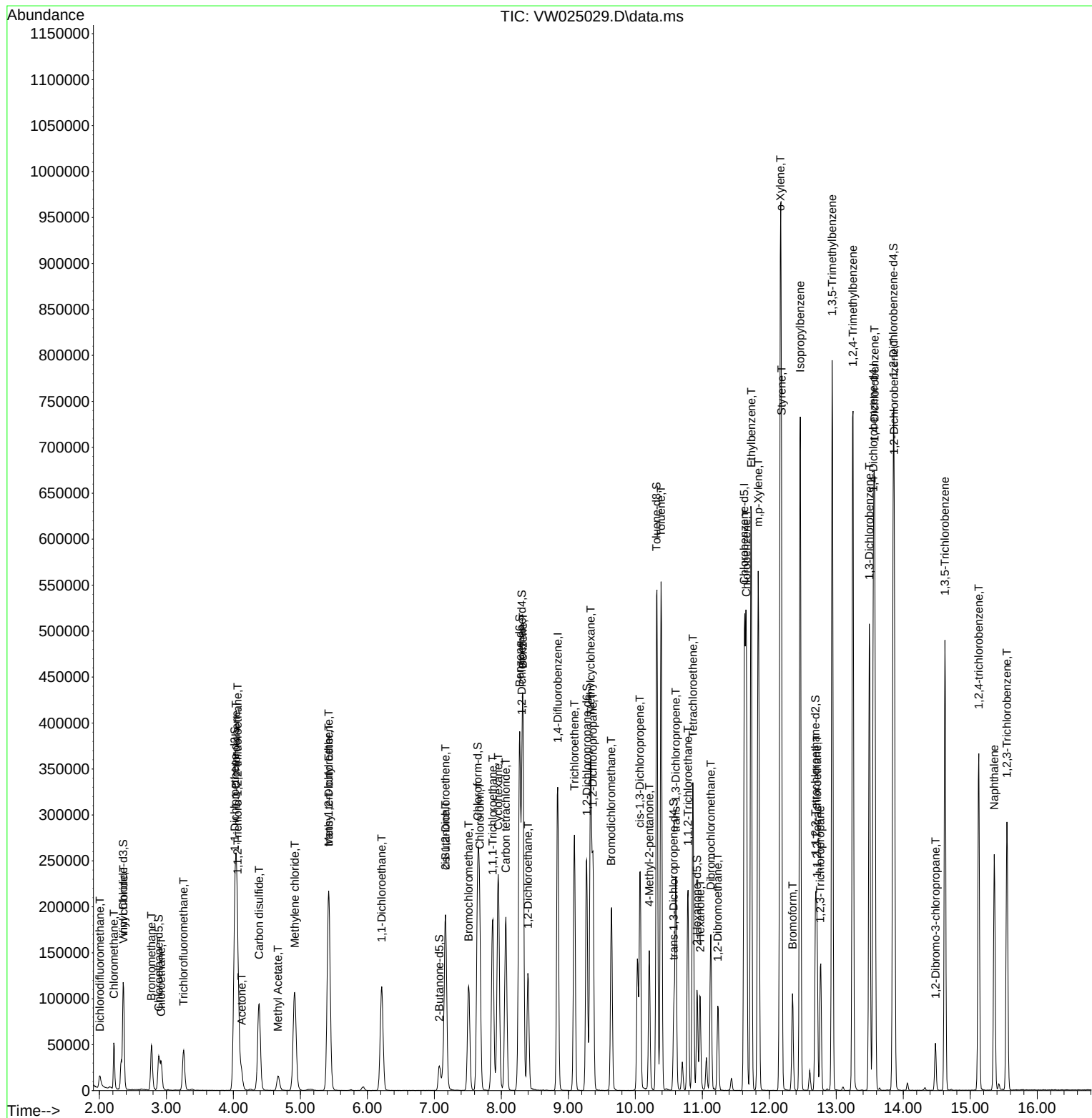
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	121111	25.223	ug/L	98
29) Cyclohexane	7.952	56	127177	21.396	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	153677	24.947	ug/L	99
31) Carbon tetrachloride	8.067	117	140507	25.525	ug/L	98
33) Benzene	8.324	78	362198	23.894	ug/L	100
34) Trichloroethene	9.092	95	95423	23.779	ug/L	99
35) Methylcyclohexane	9.336	83	153889	22.569	ug/L	98
37) 1,2-Dichloropropane	9.366	63	85934	23.357	ug/L	98
38) Bromodichloromethane	9.640	83	132724	25.847	ug/L	97
39) cis-1,3-Dichloropropene	10.067	75	141226	24.281	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	90400	41.870	ug/L	98
42) Toluene	10.384	91	392987	24.419	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	125789	24.327	ug/L	97
45) 1,1,2-Trichloroethane	10.787	97	65717	23.657	ug/L	100
46) Tetrachloroethene	10.860	164	70384	24.525	ug/L	92
48) 2-Hexanone	10.969	43	63070	42.239	ug/L	98
49) Dibromochloromethane	11.128	129	87605	25.871	ug/L	96
50) 1,2-Dibromoethane	11.232	107	61490	23.405	ug/L	99
51) Chlorobenzene	11.658	112	258565	24.787	ug/L	97
52) Ethylbenzene	11.731	91	453883	24.433	ug/L	98
53) m,p-Xylene	11.835	106	176031	24.480	ug/L	97
54) o-Xylene	12.164	106	172413	25.415	ug/L	96
55) Styrene	12.183	104	292968	24.864	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	75904	22.777	ug/L	96
59) Bromoform	12.347	173	44902	24.743	ug/L #	99
60) Isopropylbenzene	12.463	105	471079	24.421	ug/L	100
61) 1,2,3-Trichloropropane	12.762	75	56490	21.915	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	414696	24.765	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	410981	25.029	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	199187	24.758	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	197240	24.570	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	181965	25.155	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.481	75	13706	23.009	ug/L	90
69) 1,3,5-Trichlorobenzene	14.621	180	138563	26.003	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	110419	26.660	ug/L	99
71) Naphthalene	15.359	128	210439	24.086	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	92130	25.529	ug/L	97

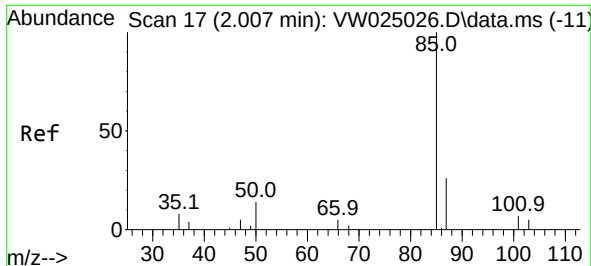
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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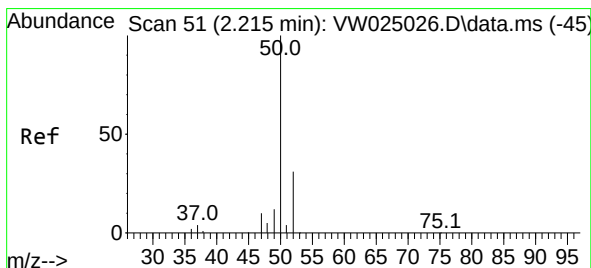
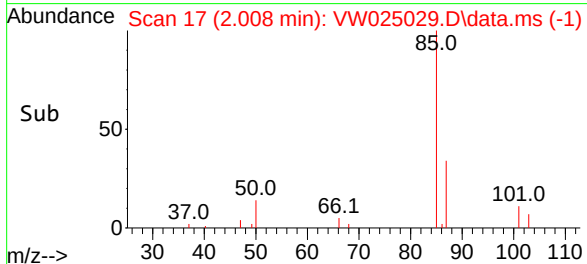
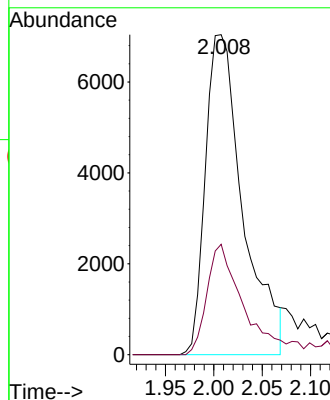
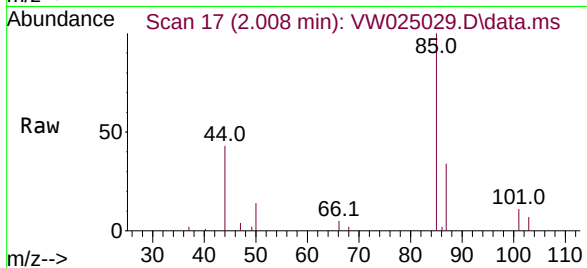




#2
 Dichlorodifluoromethane
 Concen: 20.924 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW025029.D
 Acq: 09 Nov 2022 14:31

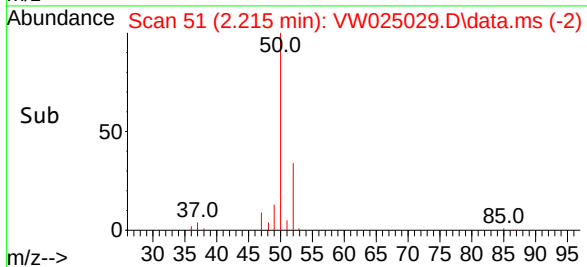
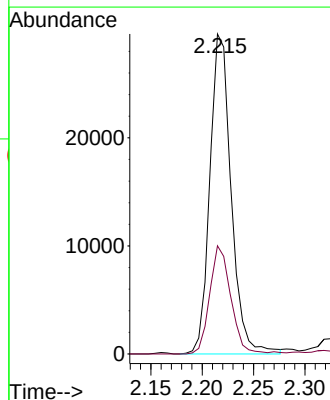
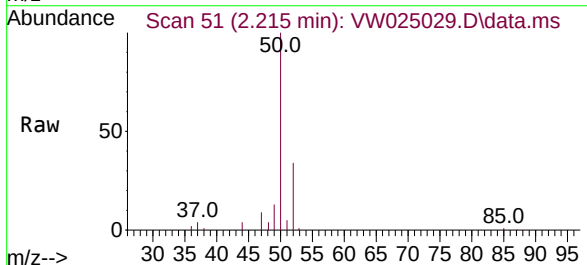
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025490

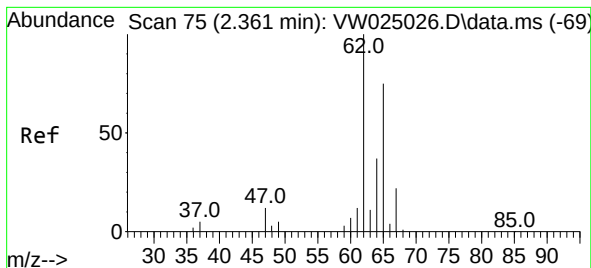
Tgt Ion: 85 Resp: 19035
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.9 38.9



#3
 Chloromethane
 Concen: 19.499 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW025029.D
 Acq: 09 Nov 2022 14:31

Tgt Ion: 50 Resp: 42664
 Ion Ratio Lower Upper
 50 100
 52 33.8 24.1 44.8





#5

Vinyl chloride

Concen: 20.521 ug/L

RT: 2.361 min Scan# 71

Delta R.T. 0.000 min

Lab File: VW025029.D

Acq: 09 Nov 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

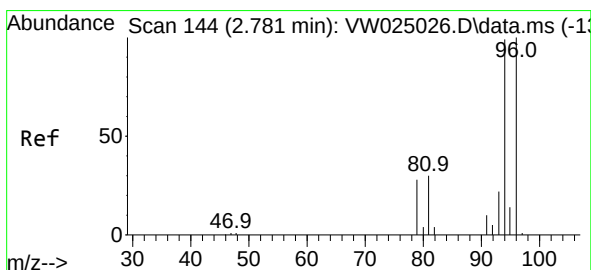
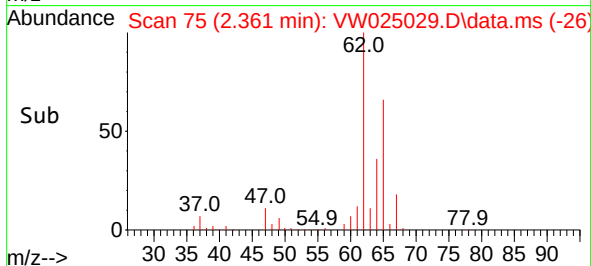
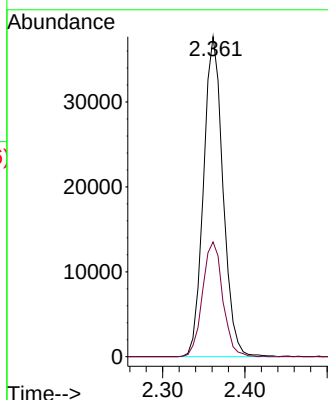
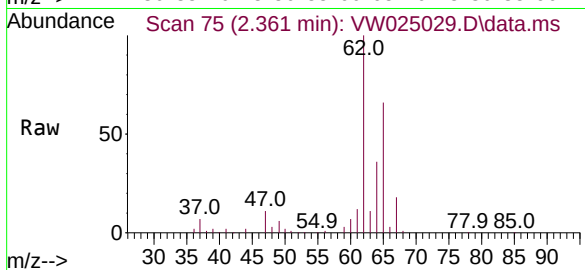
VSTD025490

Tgt Ion: 62 Resp: 62040

Ion Ratio Lower Upper

62 100

64 35.9 27.2 50.6



#6

Bromomethane

Concen: 21.544 ug/L

RT: 2.776 min Scan# 143

Delta R.T. -0.006 min

Lab File: VW025029.D

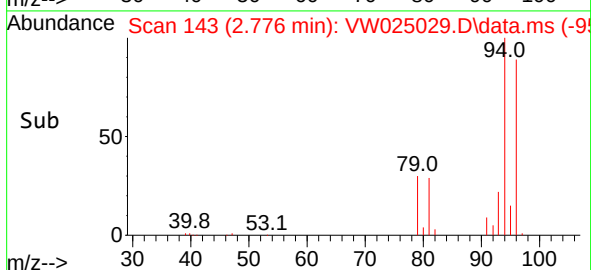
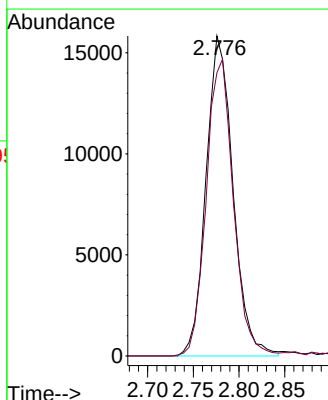
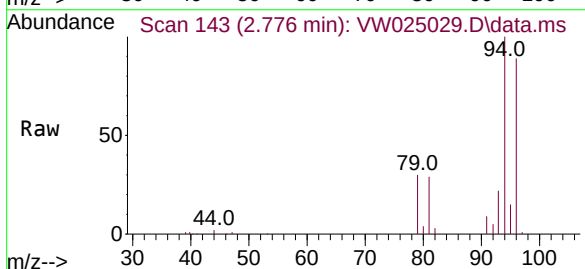
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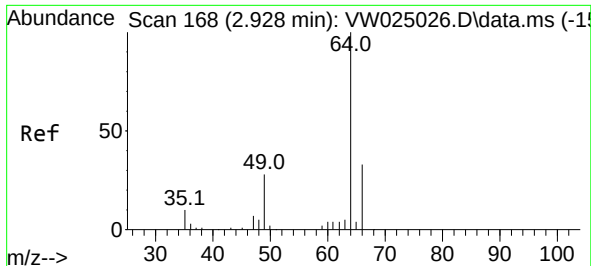
Tgt Ion: 94 Resp: 32504

Ion Ratio Lower Upper

94 100

96 88.5 63.8 118.6

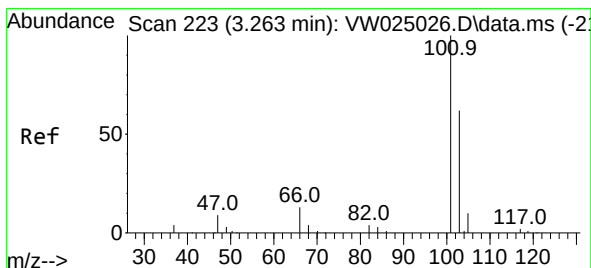
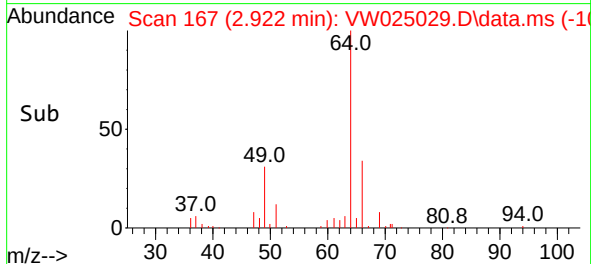
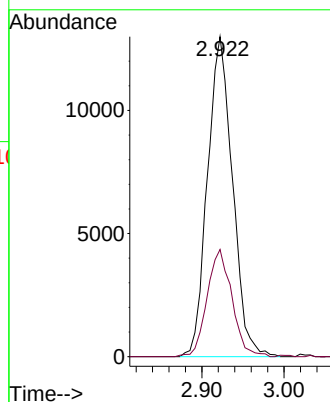
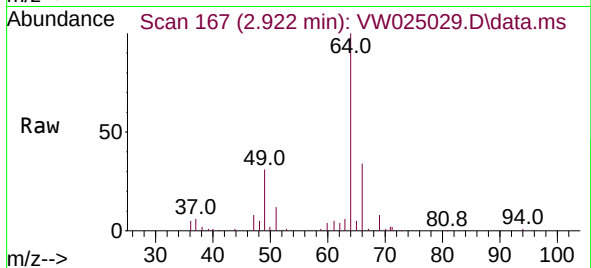




#8
Chloroethane
Concen: 21.823 ug/L
RT: 2.922 min Scan# 168
Delta R.T. -0.006 min
Lab File: VW025029.D
Acq: 09 Nov 2022 14:31

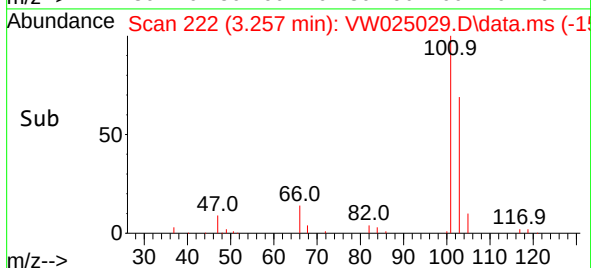
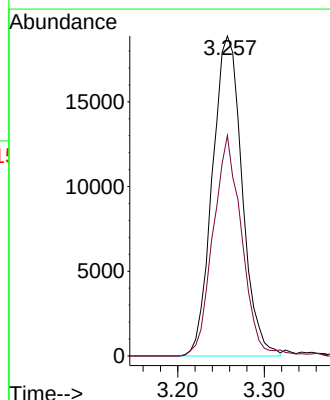
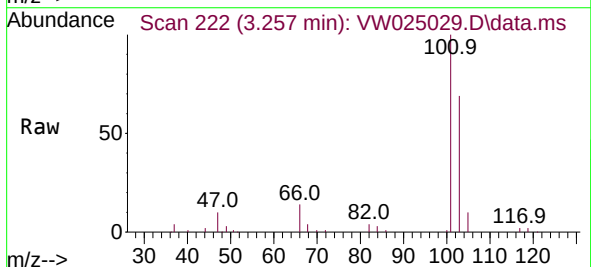
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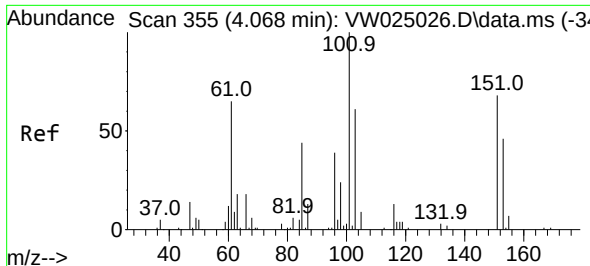
Tgt Ion: 64 Resp: 27522
Ion Ratio Lower Upper
64 100
66 33.5 21.6 40.2



#9
Trichlorofluoromethane
Concen: 17.752 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW025029.D
Acq: 09 Nov 2022 14:31

Tgt Ion: 101 Resp: 45022
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0

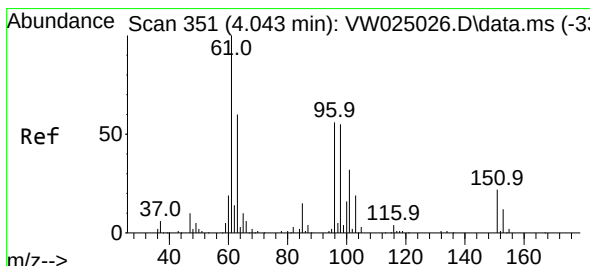
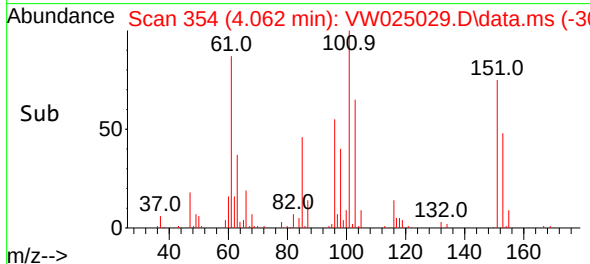
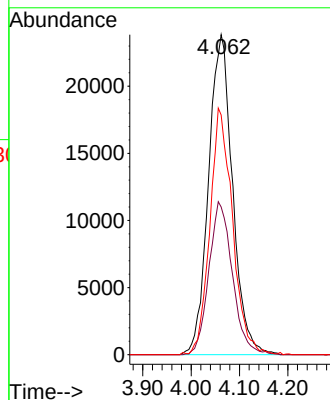
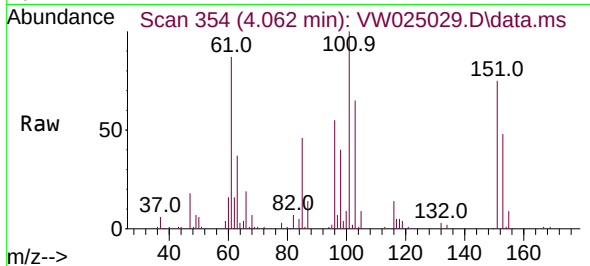




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.872 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW025029.D
 Acq: 09 Nov 2022 14:31

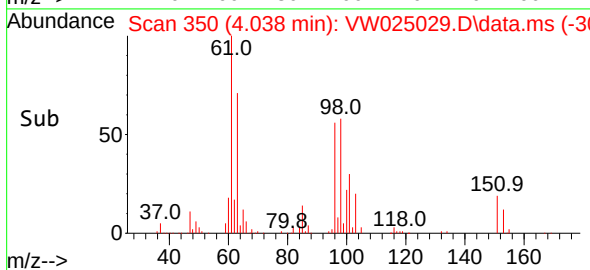
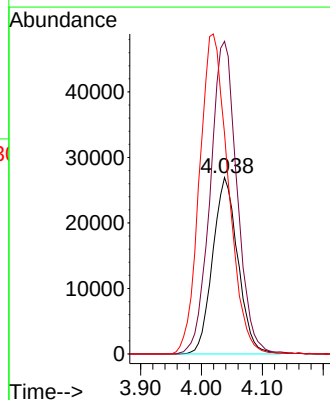
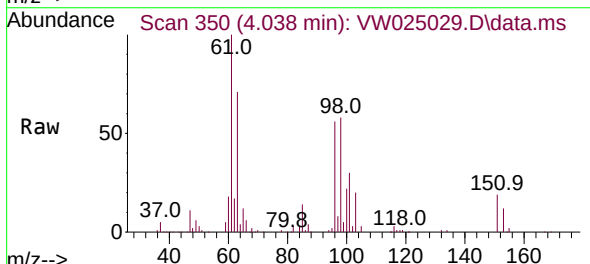
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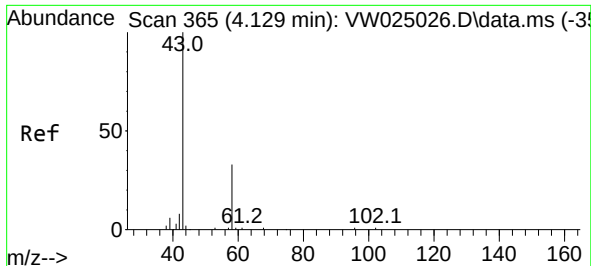
Tgt Ion:101 Resp: 82145
 Ion Ratio Lower Upper
 101 100
 85 46.6 36.5 54.7
 151 72.7 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 22.838 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW025029.D
 Acq: 09 Nov 2022 14:31

Tgt Ion: 96 Resp: 77267
 Ion Ratio Lower Upper
 96 100
 61 177.1 126.2 234.4
 63 124.9 98.3 182.7





#13

Acetone

Concen: 37.444 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW025029.D

Acq: 09 Nov 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

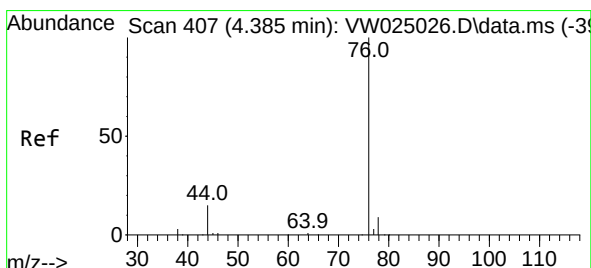
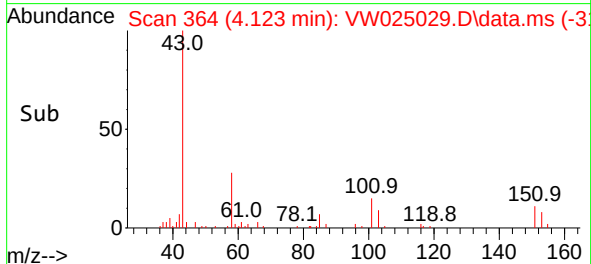
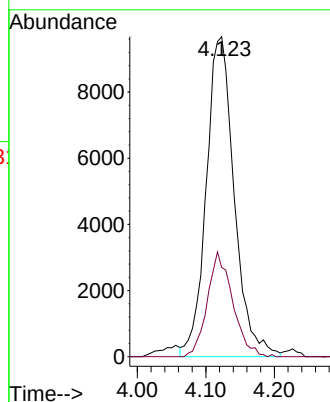
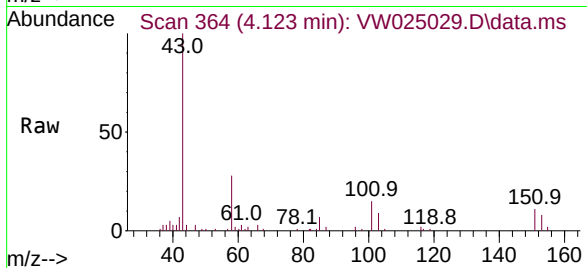
VSTD025490

Tgt Ion: 43 Resp: 27484

Ion Ratio Lower Upper

43 100

58 29.5 0.0 65.4



#14

Carbon disulfide

Concen: 21.285 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW025029.D

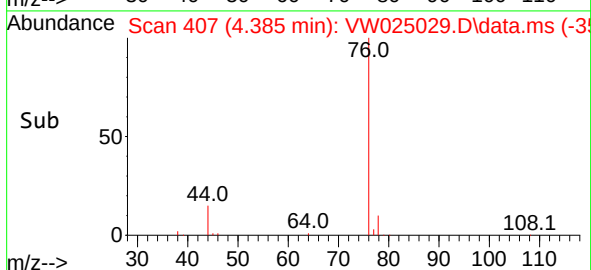
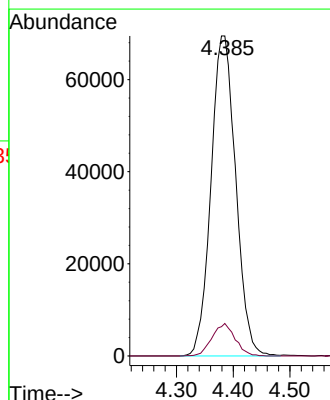
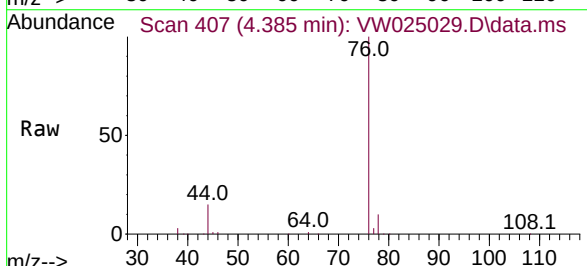
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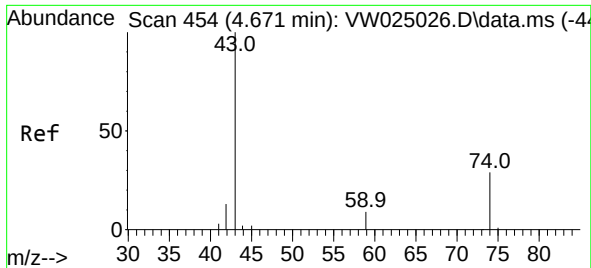
Tgt Ion: 76 Resp: 210364

Ion Ratio Lower Upper

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78 10.1 6.8 10.2

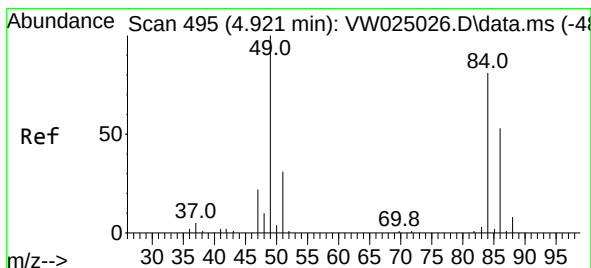
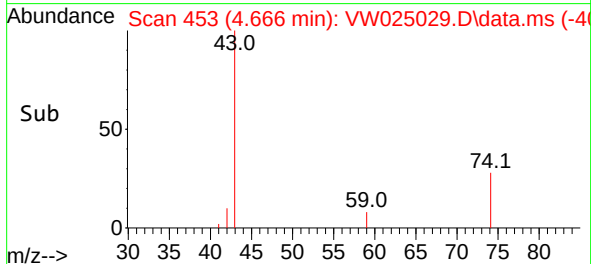
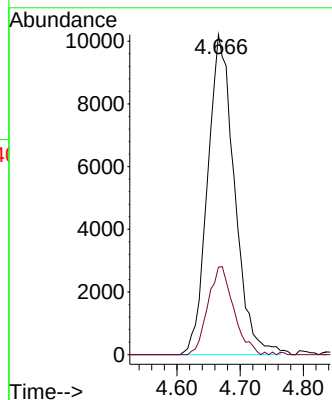
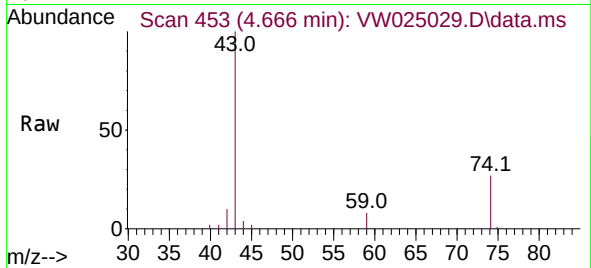




#15
Methyl Acetate
Concen: 20.636 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025029.D
Acq: 09 Nov 2022 14:31

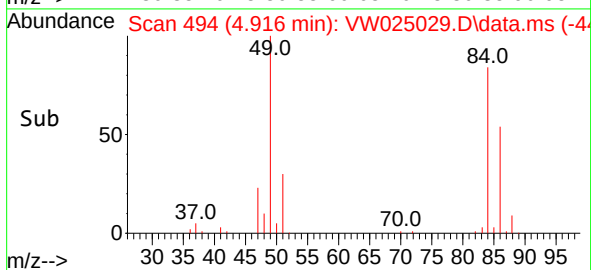
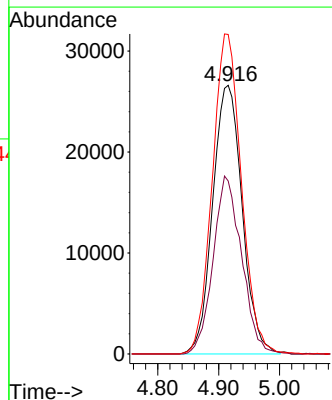
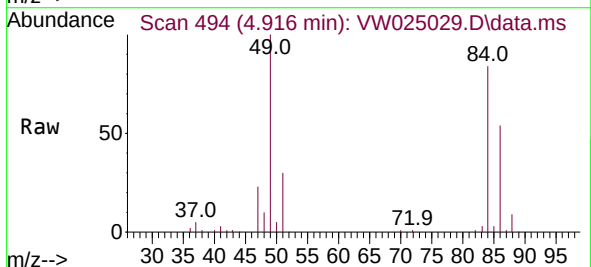
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

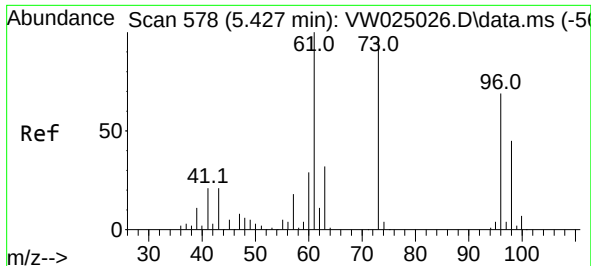
Tgt Ion: 43 Resp: 30156
Ion Ratio Lower Upper
43 100
74 26.2 20.6 30.8



#16
Methylene chloride
Concen: 18.503 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW025029.D
Acq: 09 Nov 2022 14:31

Tgt Ion: 84 Resp: 89606
Ion Ratio Lower Upper
84 100
86 64.4 42.6 79.0
49 119.0 81.9 152.1





#17

trans-1,2-Dichloroethene

Concen: 23.683 ug/L

RT: 5.422 min Scan# 577

Delta R.T. -0.006 min

Lab File: VW025029.D

Acq: 09 Nov 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025490

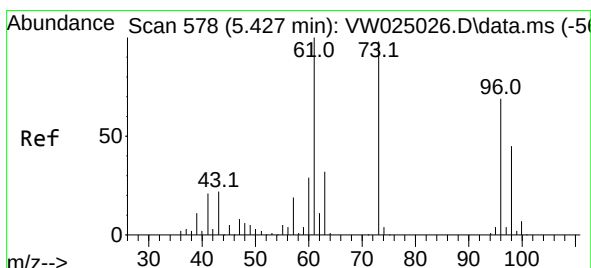
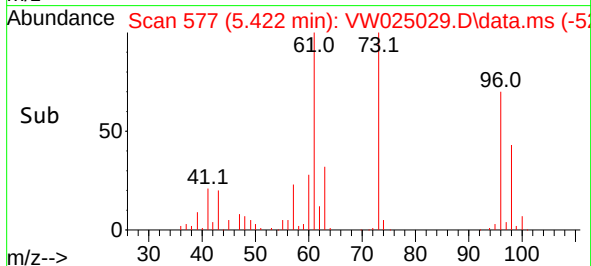
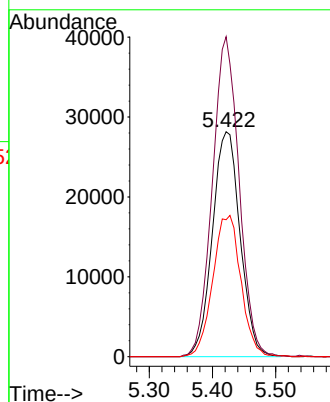
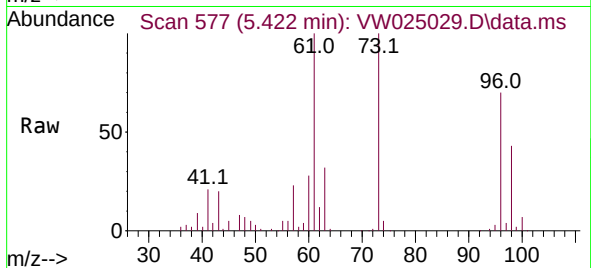
Tgt Ion: 96 Resp: 85797

Ion Ratio Lower Upper

96 100

61 142.3 97.6 181.2

98 60.9 46.8 86.8



#18

Methyl tert-butyl Ether

Concen: 23.117 ug/L

RT: 5.422 min Scan# 577

Delta R.T. -0.006 min

Lab File: VW025029.D

Acq: 09 Nov 2022 14:31

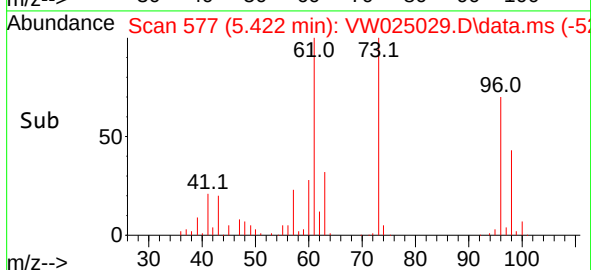
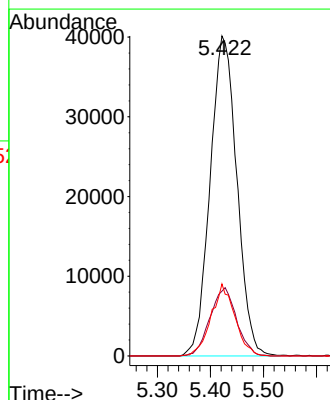
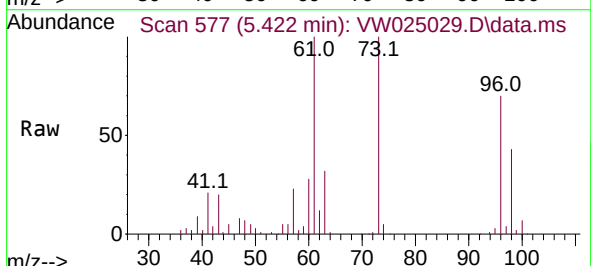
Tgt Ion: 73 Resp: 140487

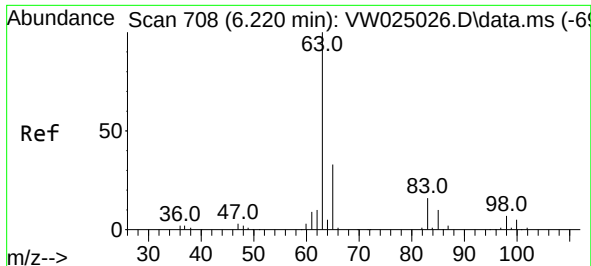
Ion Ratio Lower Upper

73 100

43 21.2 16.6 24.8

57 20.1 17.1 25.7





#19

1,1-Dichloroethane

Concen: 23.589 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW025029.D

Acq: 09 Nov 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025490

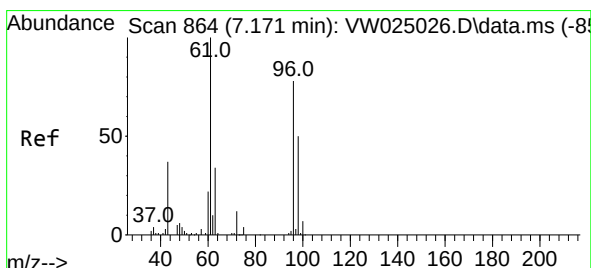
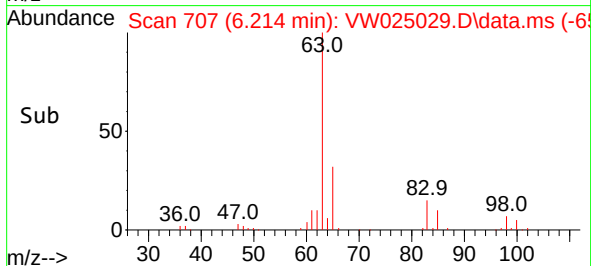
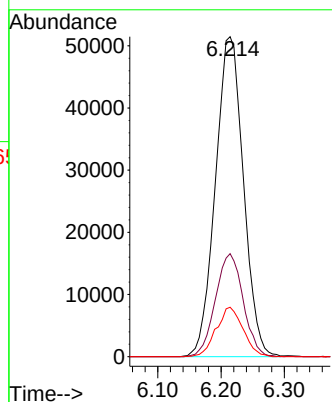
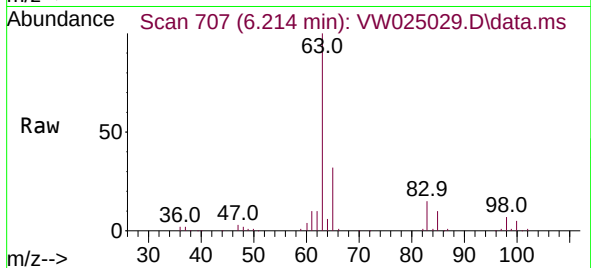
Tgt Ion: 63 Resp: 158217

Ion Ratio Lower Upper

63 100

65 32.2 22.2 41.2

83 15.5 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 23.734 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW025029.D

Acq: 09 Nov 2022 14:31

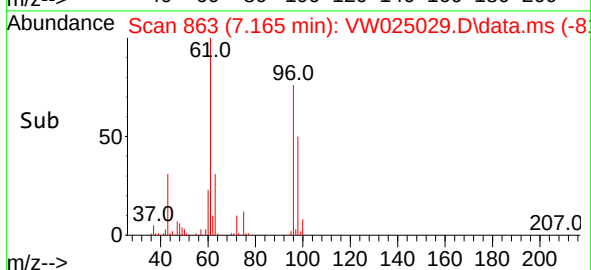
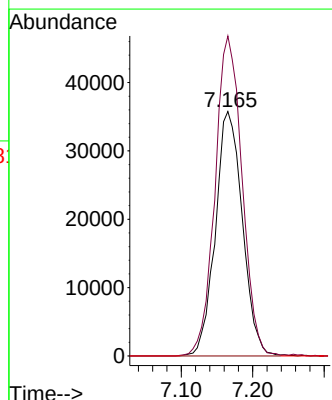
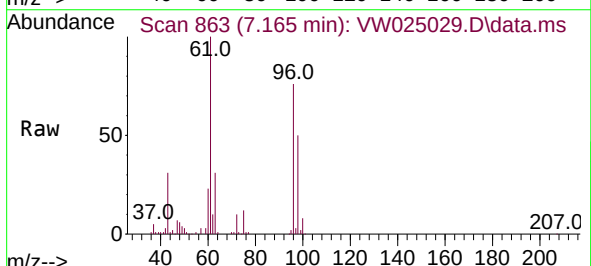
Tgt Ion: 96 Resp: 93715

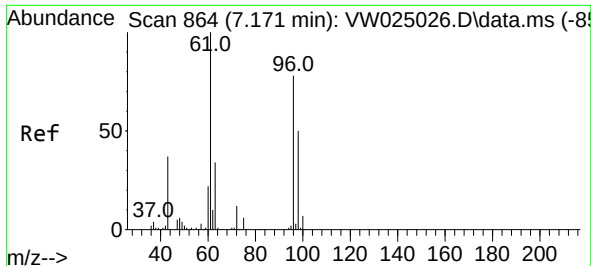
Ion Ratio Lower Upper

96 100

61 130.9 91.8 170.6

68 0.0 0.0 0.0

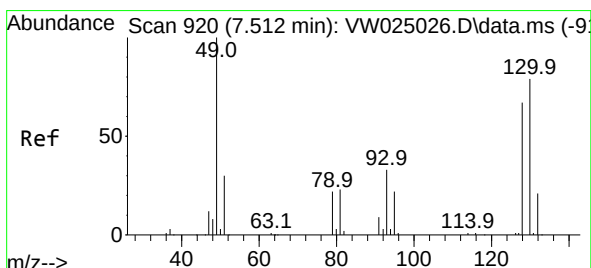
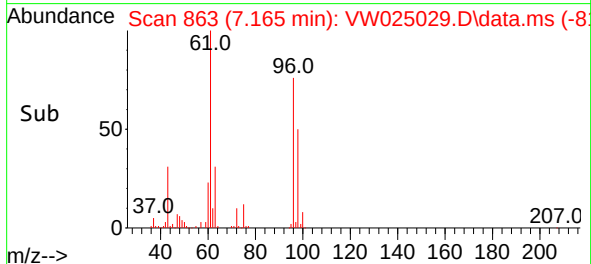
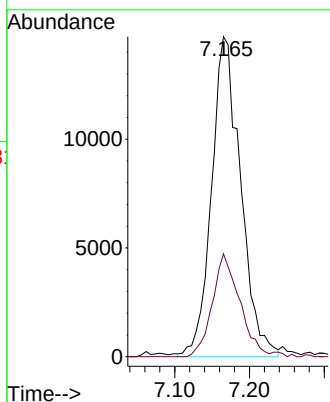
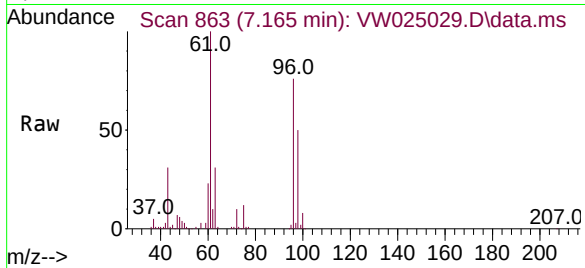




#22
2-Butanone
Concen: 36.193 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW025029.D
Acq: 09 Nov 2022 14:31

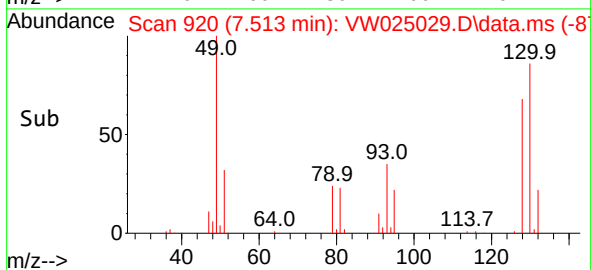
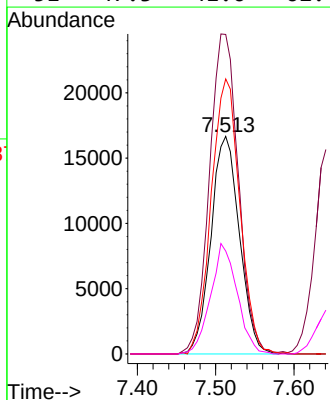
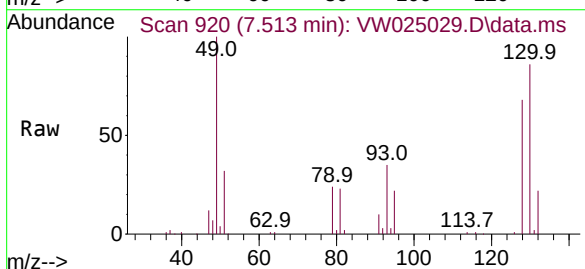
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

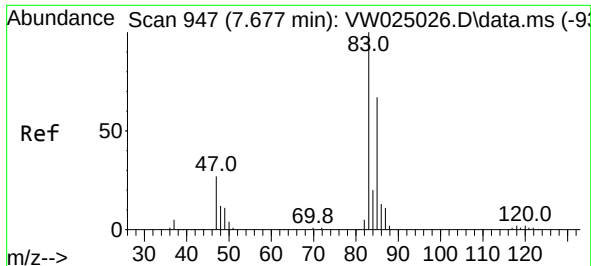
Tgt Ion: 43 Resp: 39802
Ion Ratio Lower Upper
43 100
72 30.1 14.6 44.0



#23
Bromochloromethane
Concen: 24.627 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW025029.D
Acq: 09 Nov 2022 14:31

Tgt Ion: 128 Resp: 42156
Ion Ratio Lower Upper
128 100
49 146.9 112.8 209.4
130 126.5 86.2 160.2
51 47.3 41.6 62.4

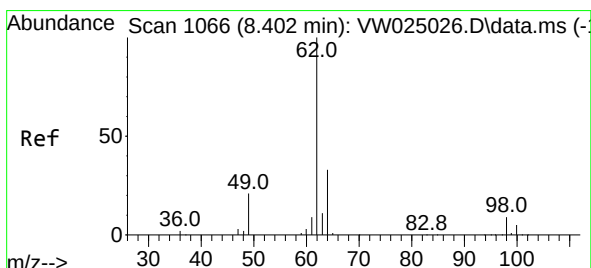
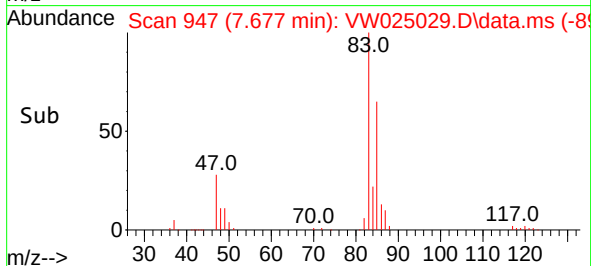
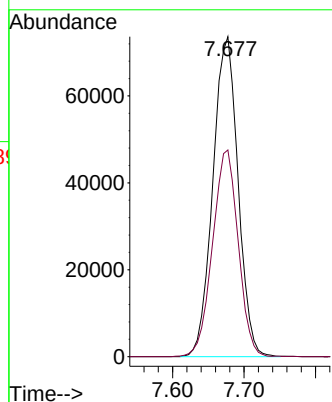
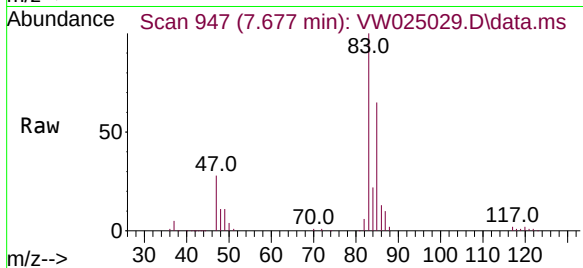




#25
Chloroform
Concen: 25.438 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW025029.D
Acq: 09 Nov 2022 14:31

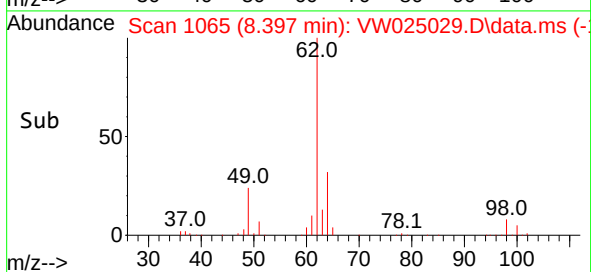
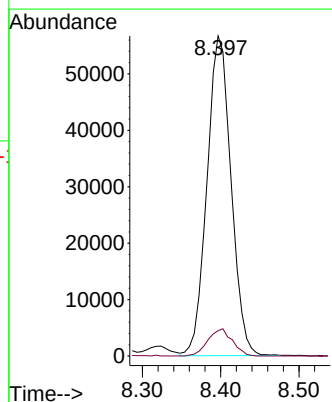
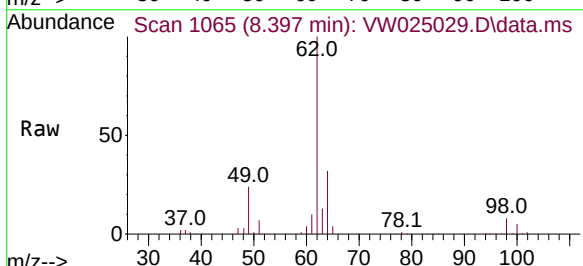
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

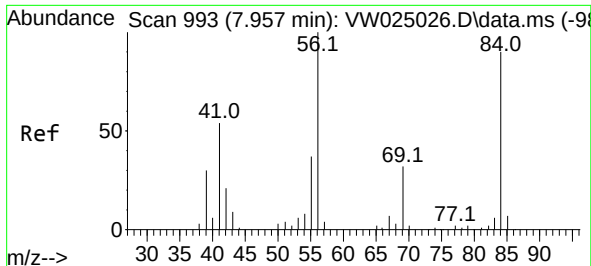
Tgt Ion: 83 Resp: 180066
Ion Ratio Lower Upper
83 100
85 64.6 47.5 88.3



#27
1,2-Dichloroethane
Concen: 25.223 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW025029.D
Acq: 09 Nov 2022 14:31

Tgt Ion: 62 Resp: 121111
Ion Ratio Lower Upper
62 100
98 7.9 7.0 10.4





#29

Cyclohexane

Concen: 21.396 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW025029.D

Acq: 09 Nov 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025490

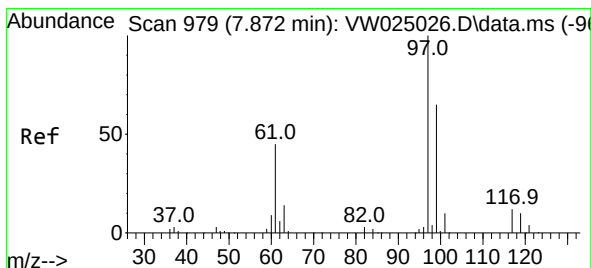
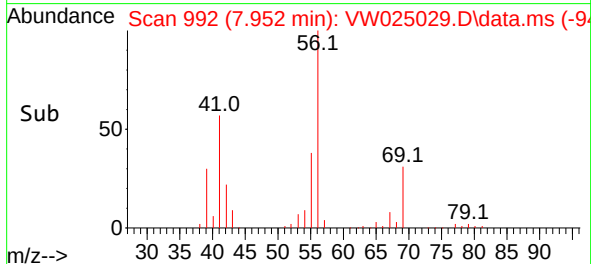
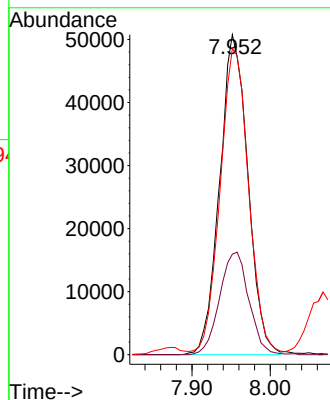
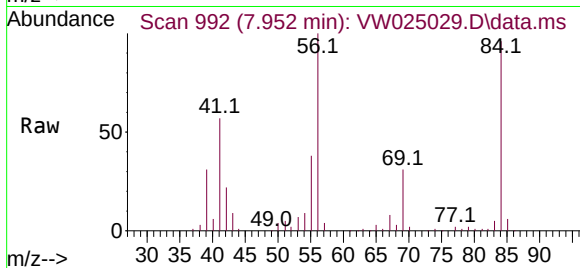
Tgt Ion: 56 Resp: 127177

Ion Ratio Lower Upper

56 100

69 33.1 25.0 37.4

84 96.8 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 24.947 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW025029.D

Acq: 09 Nov 2022 14:31

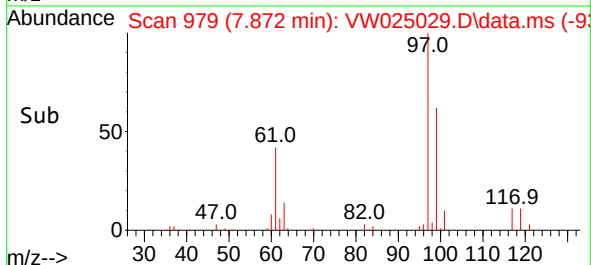
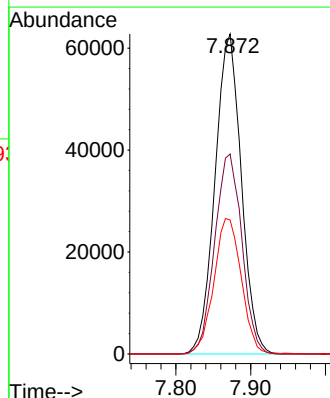
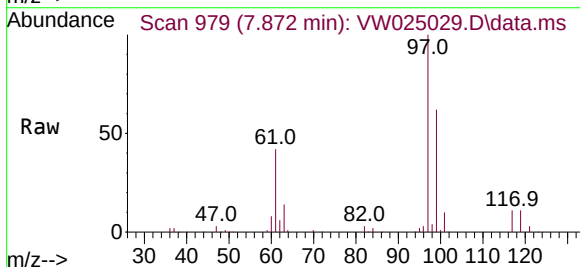
Tgt Ion: 97 Resp: 153677

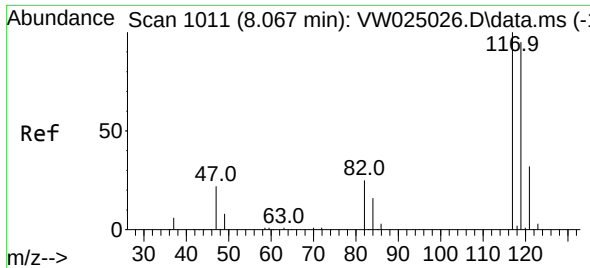
Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.8

61 44.0 36.6 54.8

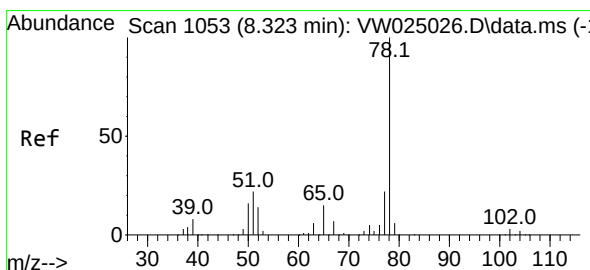
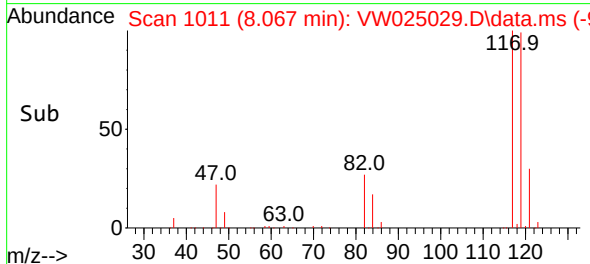
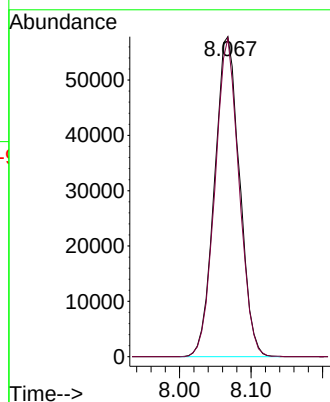
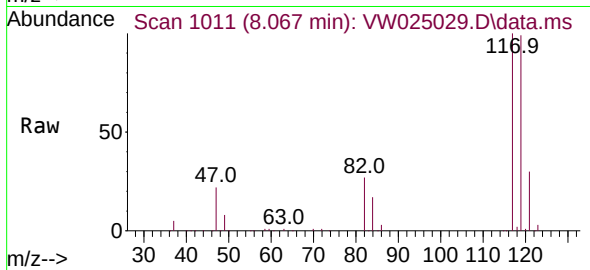




#31
Carbon tetrachloride
Concen: 25.525 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW025029.D
Acq: 09 Nov 2022 14:31

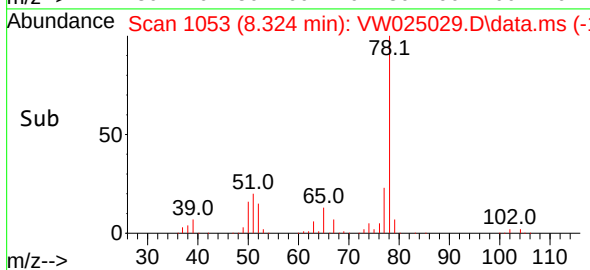
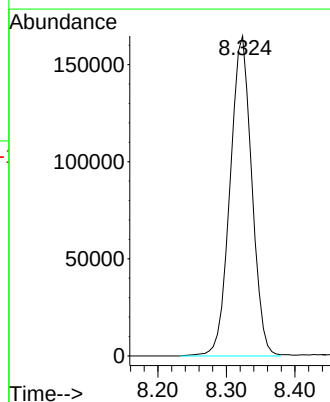
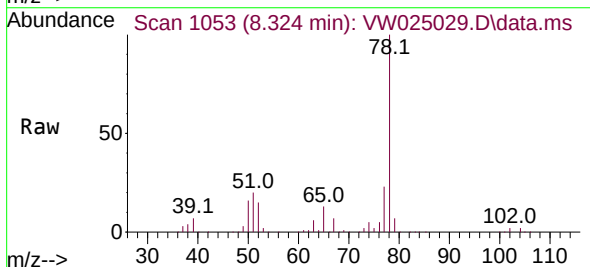
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

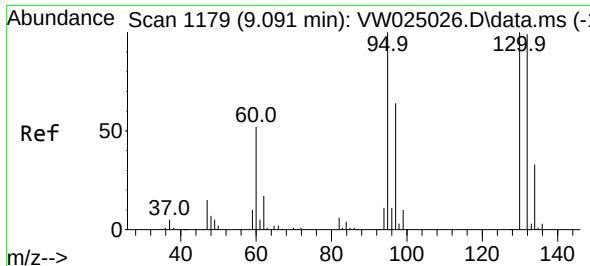
Tgt Ion:117 Resp: 140507
Ion Ratio Lower Upper
117 100
119 95.6 77.7 116.5



#33
Benzene
Concen: 23.894 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025029.D
Acq: 09 Nov 2022 14:31

Tgt Ion: 78 Resp: 362198

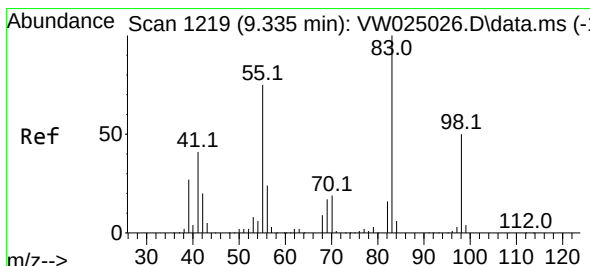
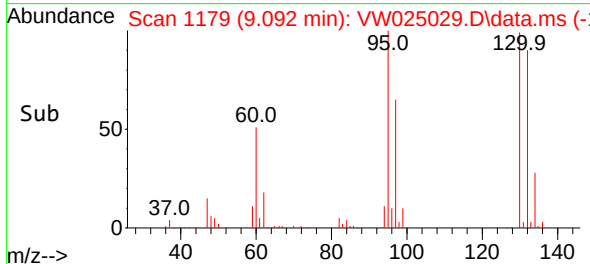
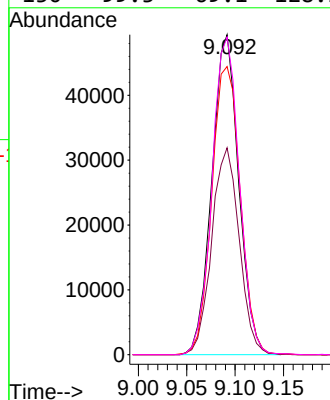
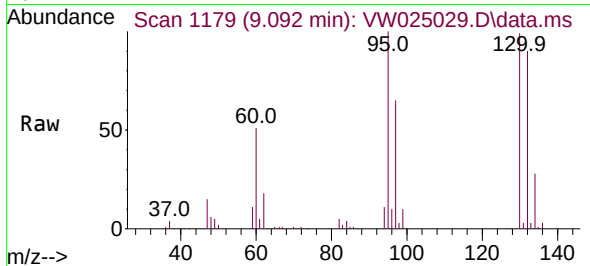




#34
Trichloroethene
Concen: 23.779 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW025029.D
Acq: 09 Nov 2022 14:31

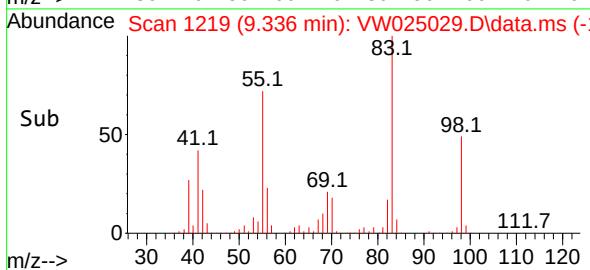
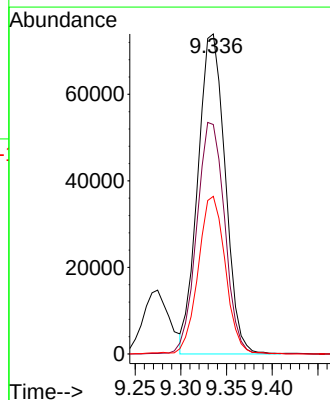
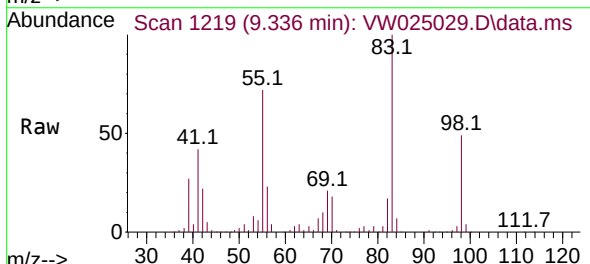
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

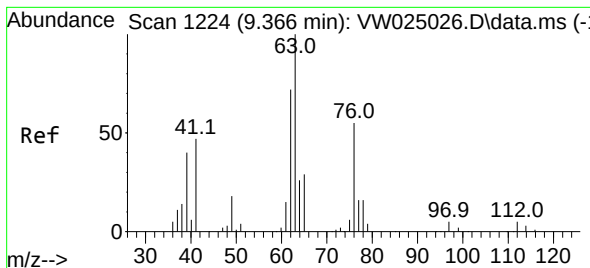
Tgt Ion: 95 Resp: 95423
Ion Ratio Lower Upper
95 100
97 64.7 44.7 83.1
132 90.0 62.6 116.2
130 99.3 69.1 128.3



#35
Methylcyclohexane
Concen: 22.569 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW025029.D
Acq: 09 Nov 2022 14:31

Tgt Ion: 83 Resp: 153889
Ion Ratio Lower Upper
83 100
55 73.8 60.4 90.6
98 48.6 39.5 59.3





#37

1,2-Dichloropropane

Concen: 23.357 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW025029.D

Acq: 09 Nov 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

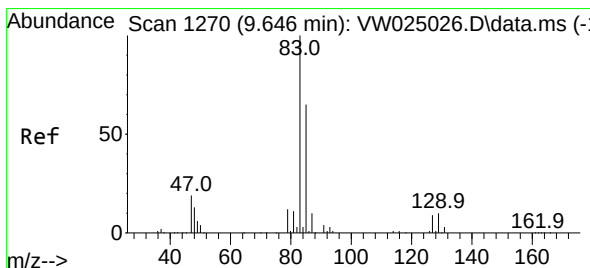
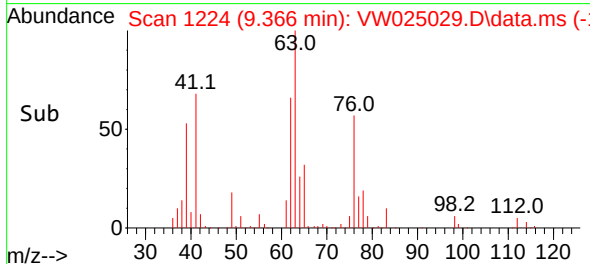
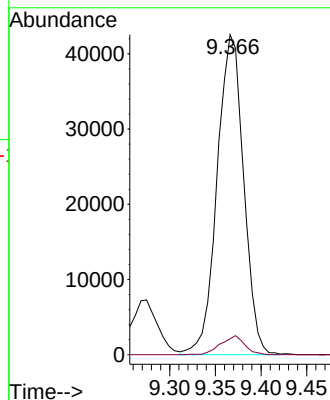
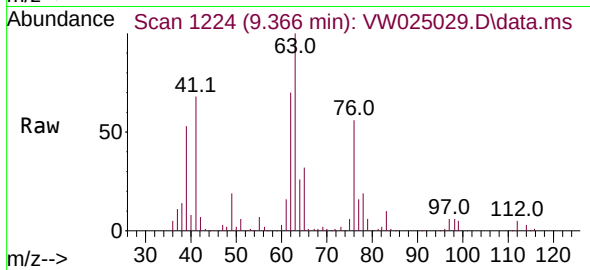
VSTD025490

Tgt Ion: 63 Resp: 85934

Ion Ratio Lower Upper

63 100

112 5.3 3.6 5.4



#38

Bromodichloromethane

Concen: 25.847 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW025029.D

Acq: 09 Nov 2022 14:31

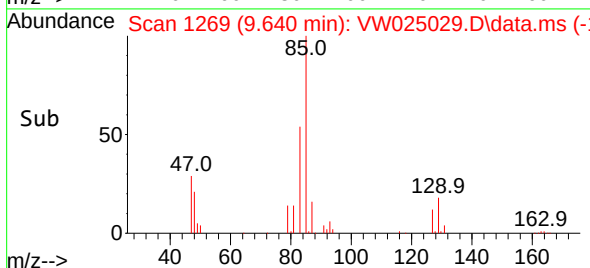
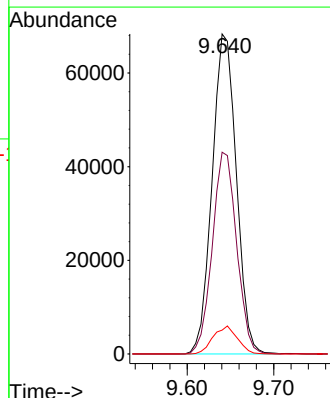
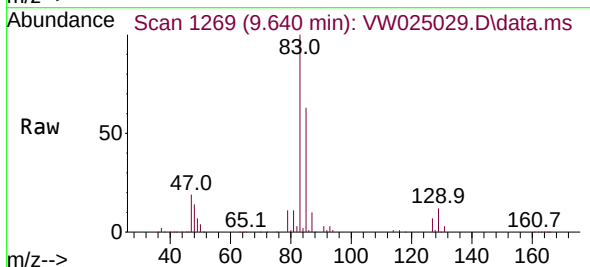
Tgt Ion: 83 Resp: 132724

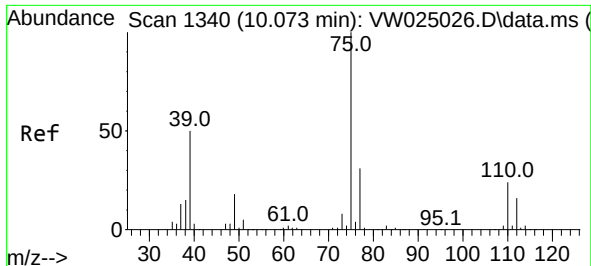
Ion Ratio Lower Upper

83 100

85 63.1 45.8 85.0

127 7.5 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 24.281 ug/L

RT: 10.067 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW025029.D

Acq: 09 Nov 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

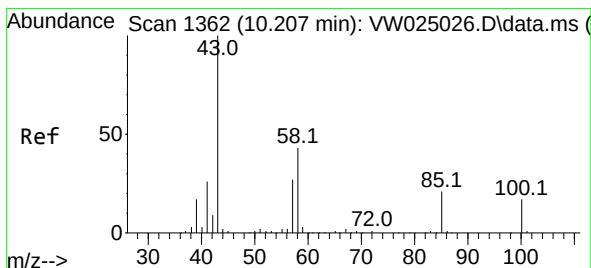
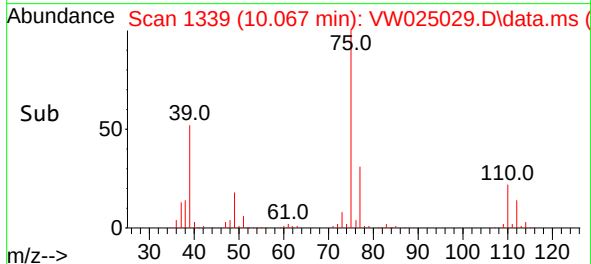
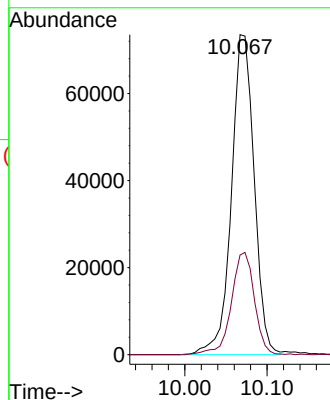
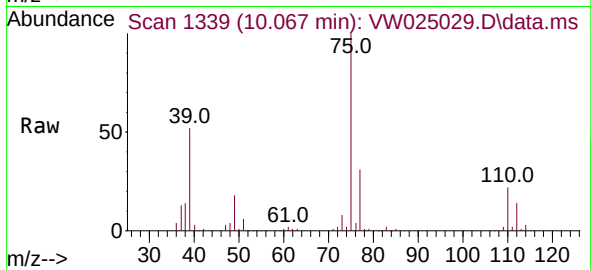
VSTD025490

Tgt Ion: 75 Resp: 141226

Ion Ratio Lower Upper

75 100

77 31.1 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 41.870 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW025029.D

Acq: 09 Nov 2022 14:31

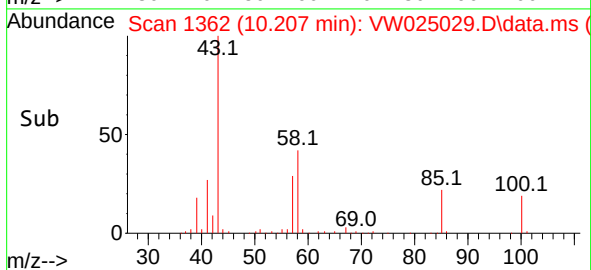
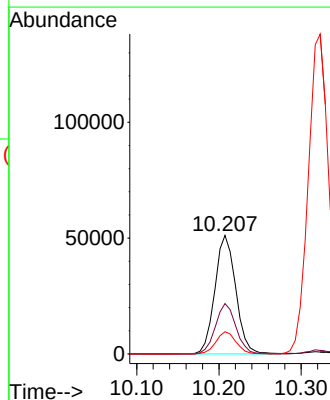
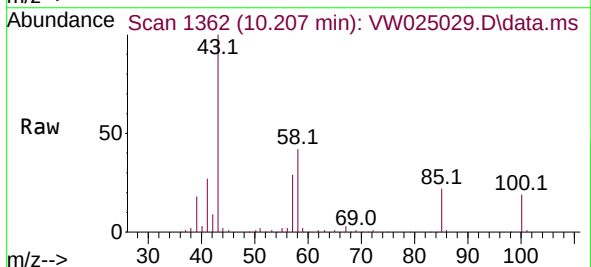
Tgt Ion: 43 Resp: 90400

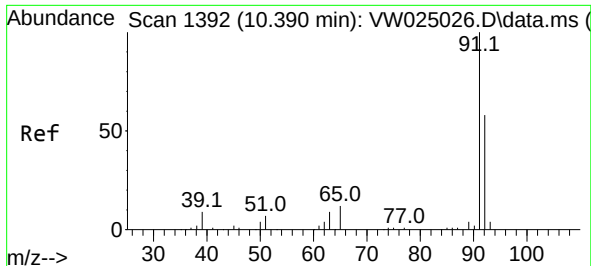
Ion Ratio Lower Upper

43 100

58 41.8 32.6 48.8

100 18.2 14.0 21.0

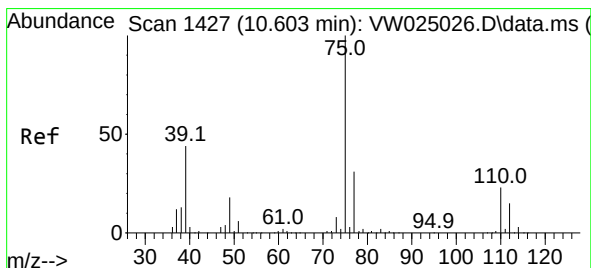
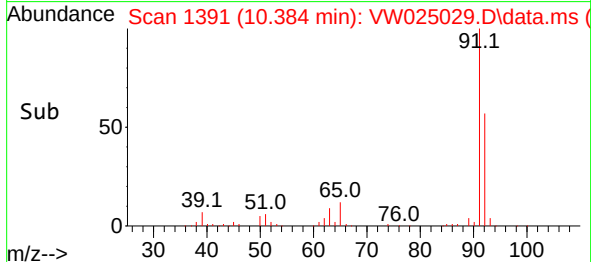
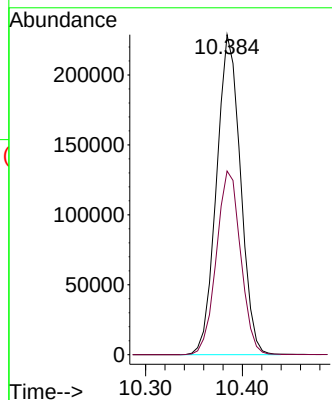
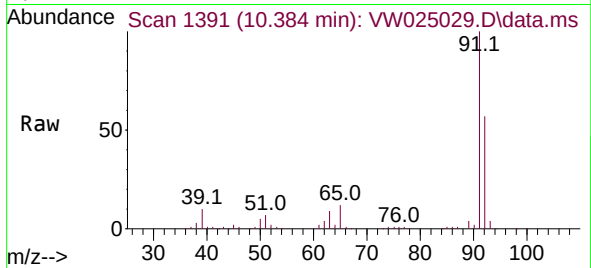




#42
Toluene
Concen: 24.419 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW025029.D
Acq: 09 Nov 2022 14:31

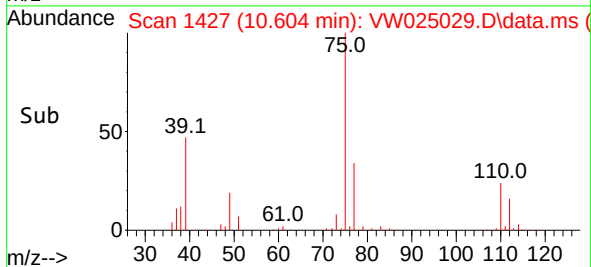
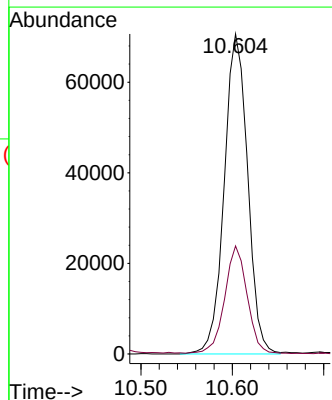
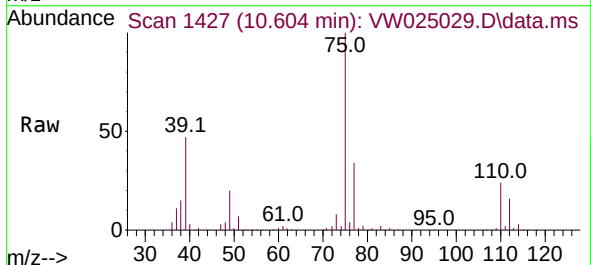
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

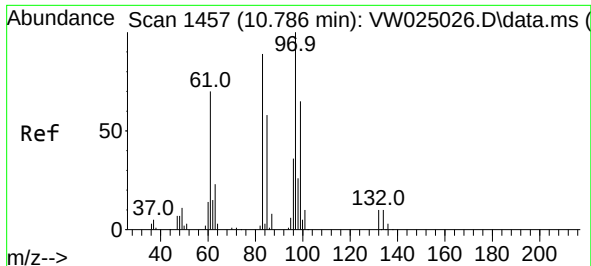
Tgt Ion: 91 Resp: 392987
Ion Ratio Lower Upper
91 100
92 57.4 38.6 71.8



#44
trans-1,3-Dichloropropene
Concen: 24.327 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW025029.D
Acq: 09 Nov 2022 14:31

Tgt Ion: 75 Resp: 125789
Ion Ratio Lower Upper
75 100
77 33.8 22.3 41.5

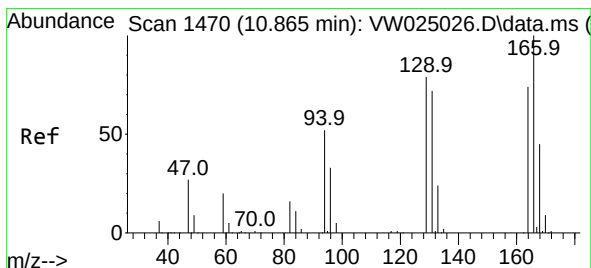
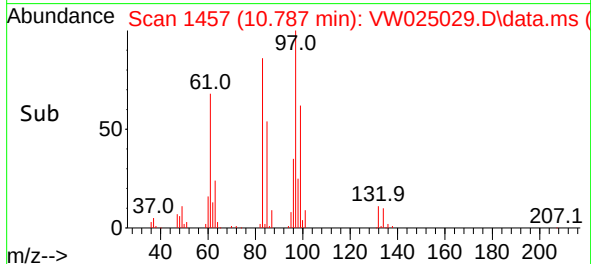
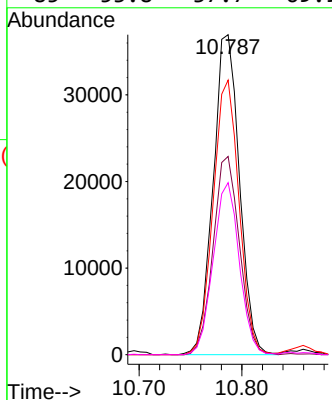
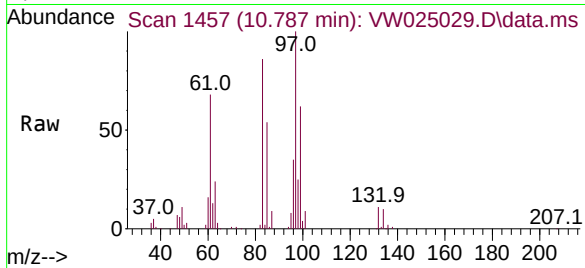




#45
1,1,2-Trichloroethane
Concen: 23.657 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025029.D
Acq: 09 Nov 2022 14:31

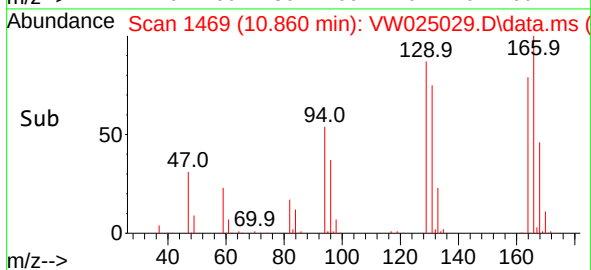
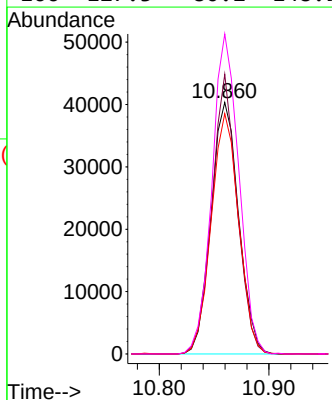
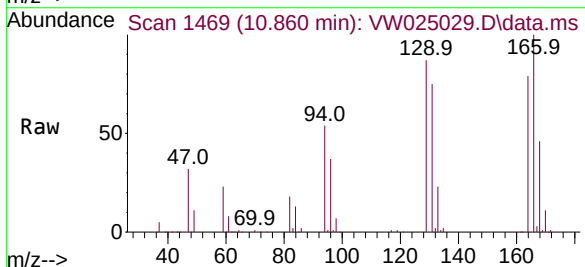
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

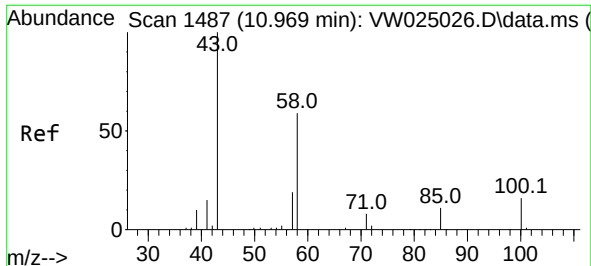
Tgt Ion:	97	Resp:	65717
Ion	Ratio	Lower	Upper
97	100		
99	61.9	44.0	81.6
83	85.8	59.9	111.3
85	53.8	37.7	69.9



#46
Tetrachloroethene
Concen: 24.525 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW025029.D
Acq: 09 Nov 2022 14:31

Tgt Ion:	164	Resp:	70384
Ion	Ratio	Lower	Upper
164	100		
129	111.2	72.9	135.5
131	95.6	70.1	130.3
166	127.3	80.2	148.9

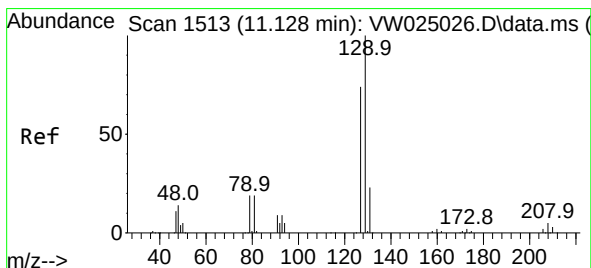
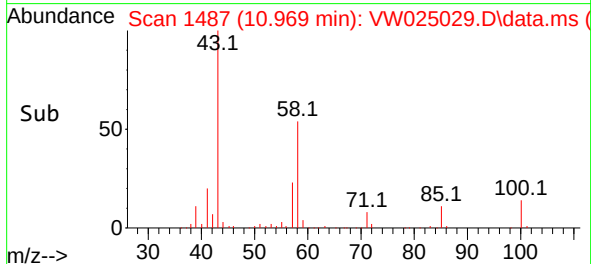
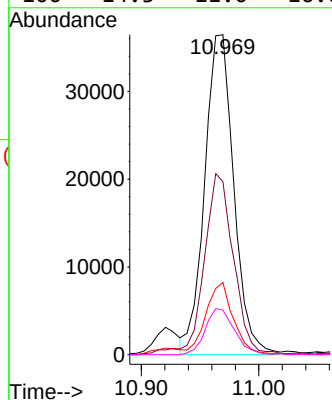
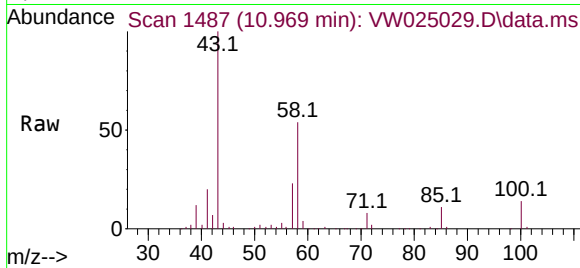




#48
2-Hexanone
Concen: 42.239 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW025029.D
Acq: 09 Nov 2022 14:31

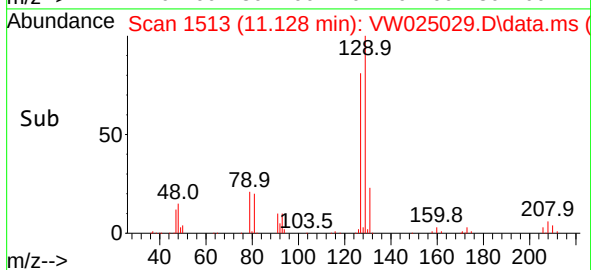
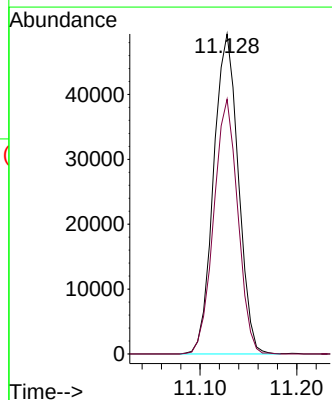
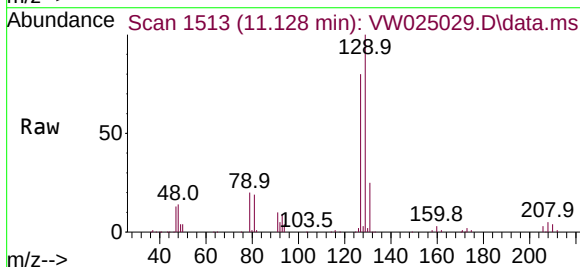
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

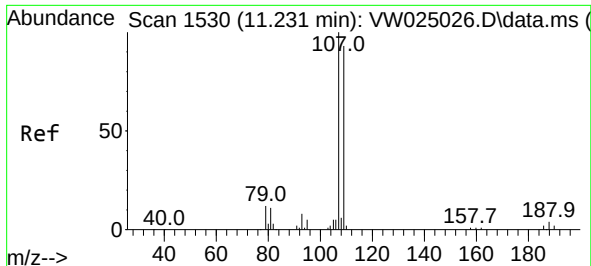
Tgt Ion:	43	Resp:	63070
Ion	Ratio	Lower	Upper
43	100		
58	56.6	46.1	69.1
57	21.2	16.2	24.2
100	14.3	11.0	16.6



#49
Dibromochloromethane
Concen: 25.871 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025029.D
Acq: 09 Nov 2022 14:31

Tgt Ion:	129	Resp:	87605
Ion	Ratio	Lower	Upper
129	100		
127	79.6	53.2	98.8





#50

1,2-Dibromoethane

Concen: 23.405 ug/L

RT: 11.232 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025029.D

Acq: 09 Nov 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025490

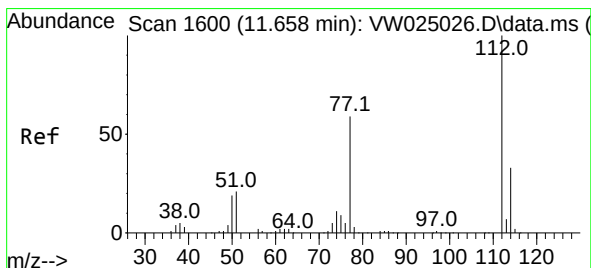
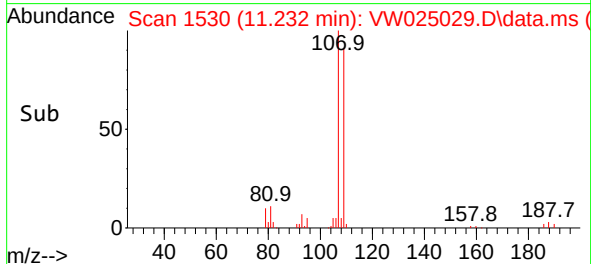
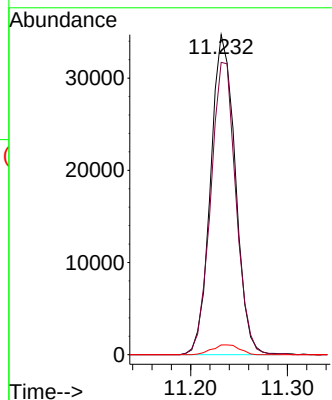
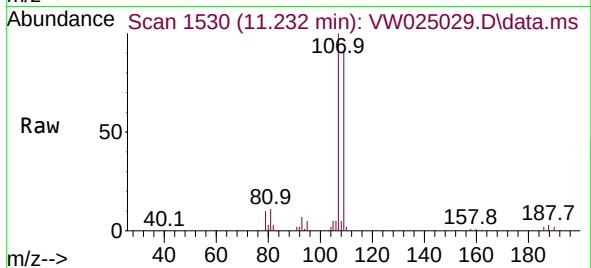
Tgt Ion:107 Resp: 61490

Ion Ratio Lower Upper

107 100

109 91.4 64.5 119.7

188 3.0 2.9 4.3



#51

Chlorobenzene

Concen: 24.787 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW025029.D

Acq: 09 Nov 2022 14:31

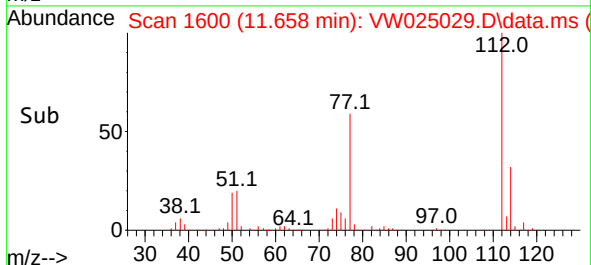
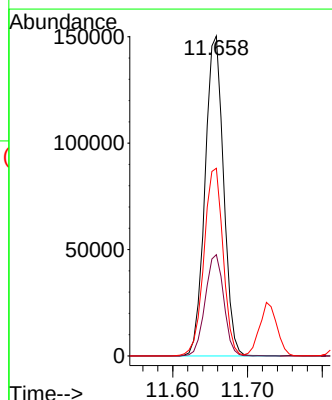
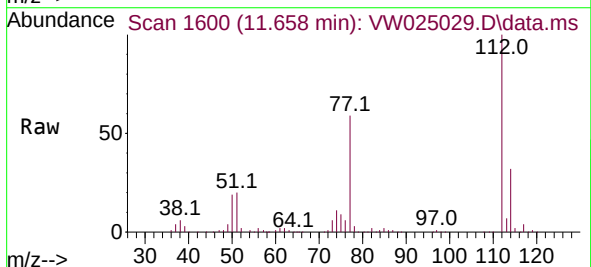
Tgt Ion:112 Resp: 258565

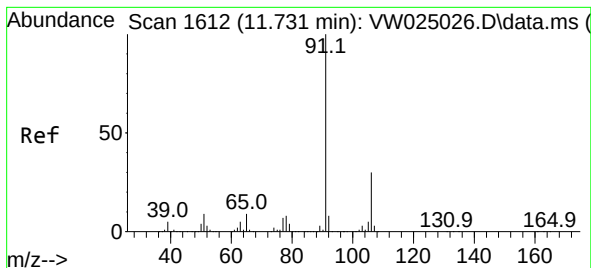
Ion Ratio Lower Upper

112 100

114 31.7 20.8 38.6

77 58.6 48.2 72.2

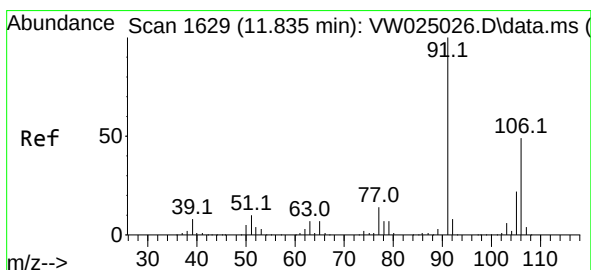
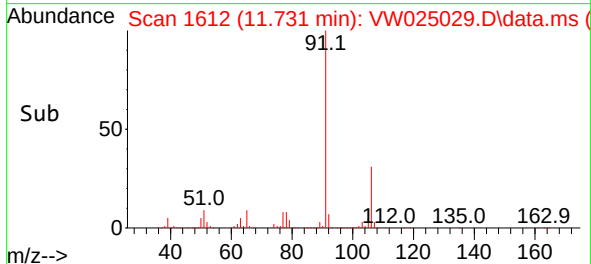
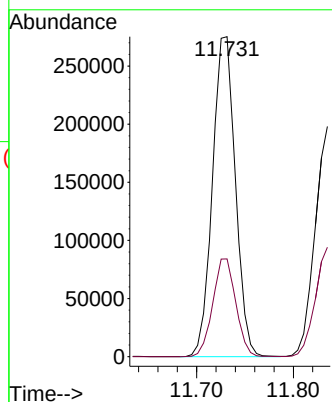
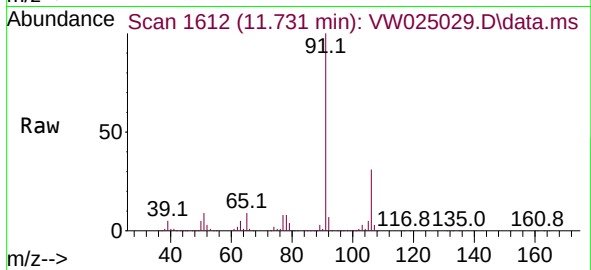




#52
Ethylbenzene
Concen: 24.433 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW025029.D
Acq: 09 Nov 2022 14:31

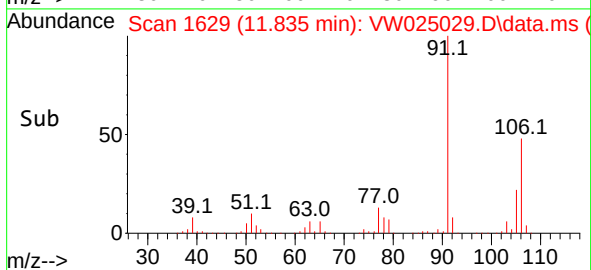
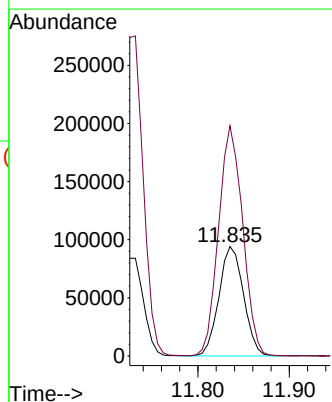
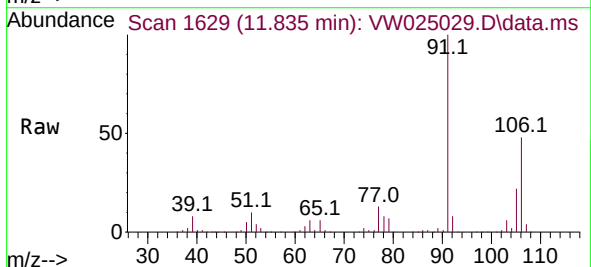
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

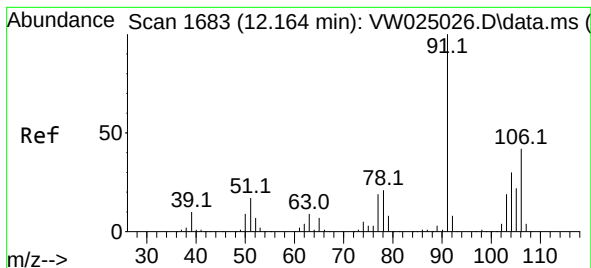
Tgt Ion: 91 Resp: 453883
Ion Ratio Lower Upper
91 100
106 30.6 22.3 41.5



#53
m,p-Xylene
Concen: 24.480 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025029.D
Acq: 09 Nov 2022 14:31

Tgt Ion: 106 Resp: 176031
Ion Ratio Lower Upper
106 100
91 210.5 143.9 267.2





#54

o-Xylene

Concen: 25.415 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025029.D

Acq: 09 Nov 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

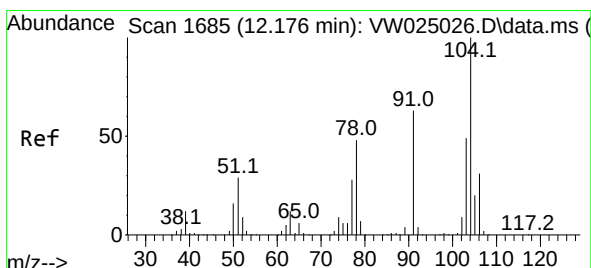
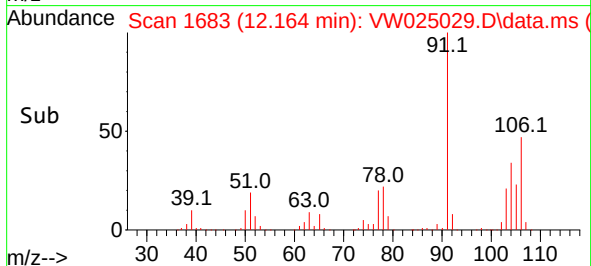
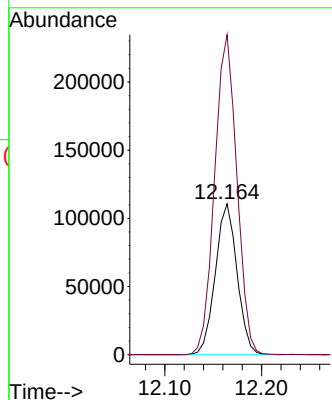
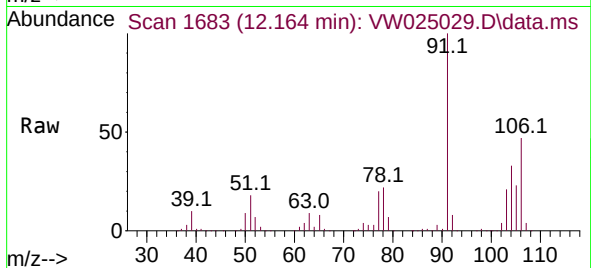
VSTD025490

Tgt Ion:106 Resp: 172413

Ion Ratio Lower Upper

106 100

91 212.1 153.5 285.1



#55

Styrene

Concen: 24.864 ug/L

RT: 12.183 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW025029.D

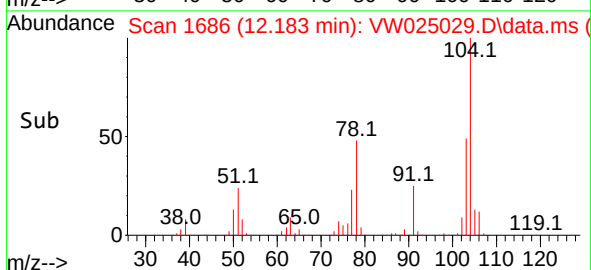
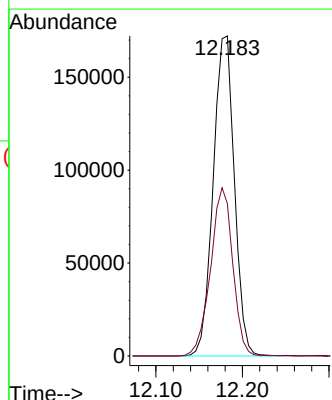
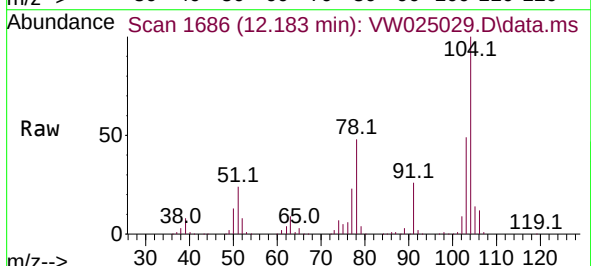
Acq: 09 Nov 2022 14:31

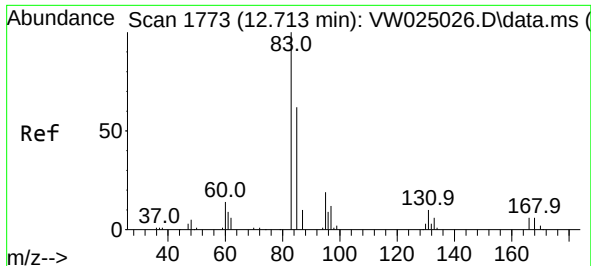
Tgt Ion:104 Resp: 292968

Ion Ratio Lower Upper

104 100

78 47.5 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 22.777 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025029.D

Acq: 09 Nov 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025490

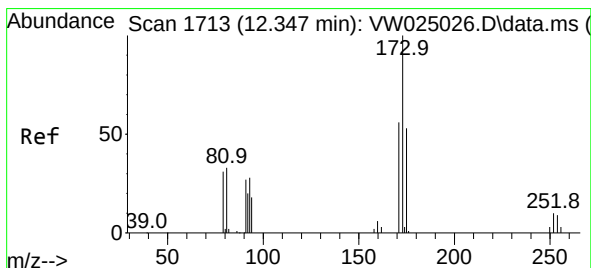
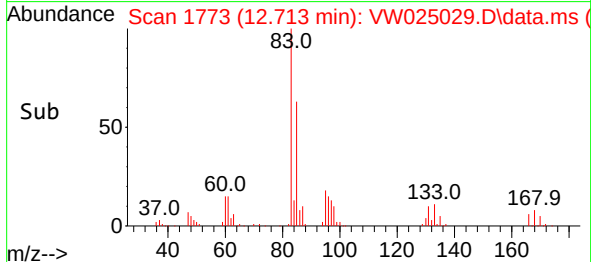
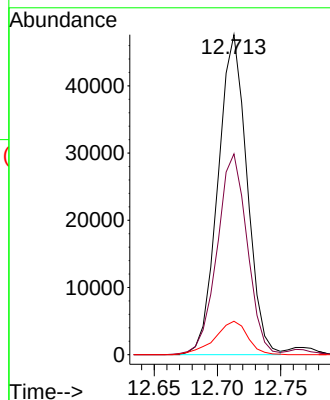
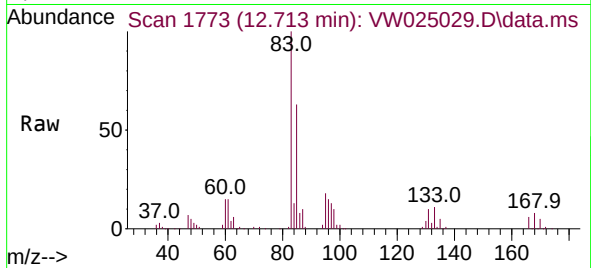
Tgt Ion: 83 Resp: 75904

Ion Ratio Lower Upper

83 100

85 62.7 46.4 86.2

131 10.5 8.2 12.4



#59

Bromoform

Concen: 24.743 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW025029.D

Acq: 09 Nov 2022 14:31

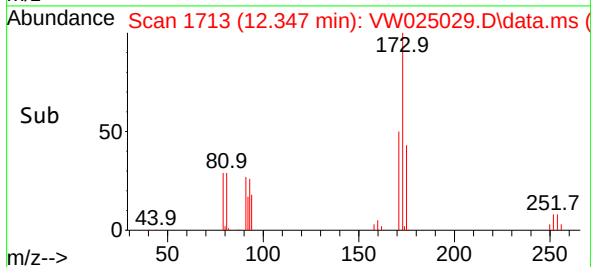
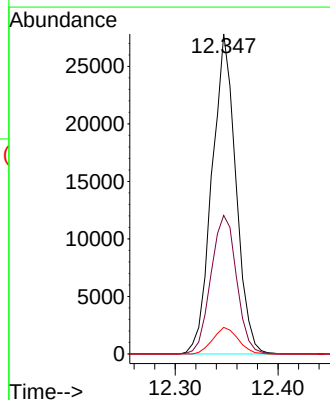
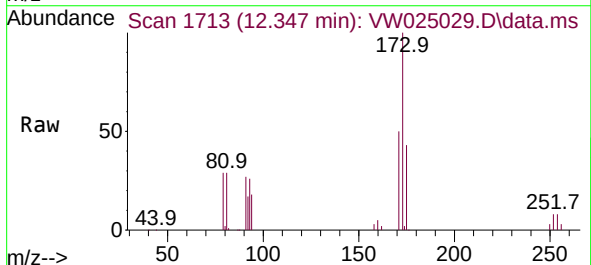
Tgt Ion:173 Resp: 44902

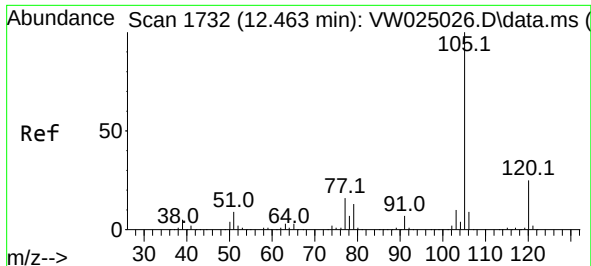
Ion Ratio Lower Upper

173 100

175 46.4 37.4 56.2

254 8.8 5.8 8.8#

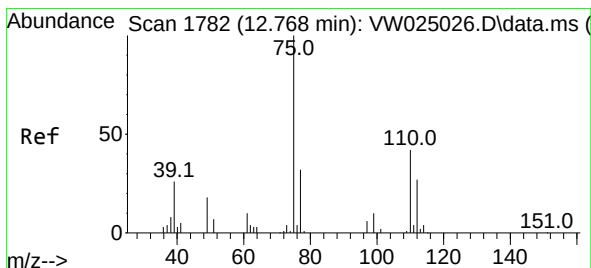
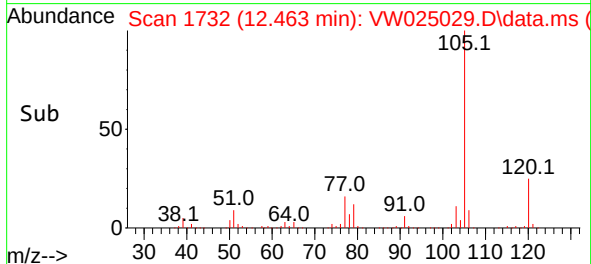
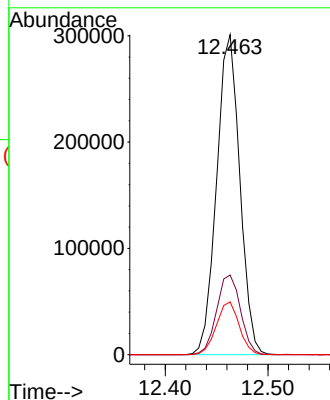
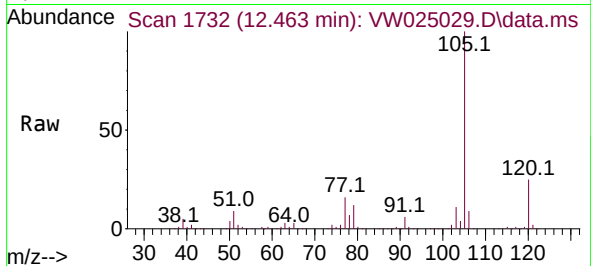




#60
Isopropylbenzene
Concen: 24.421 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025029.D
Acq: 09 Nov 2022 14:31

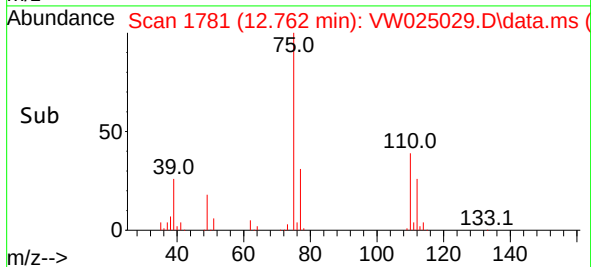
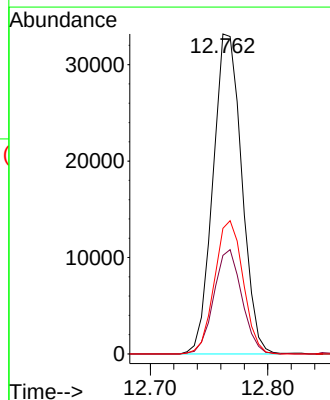
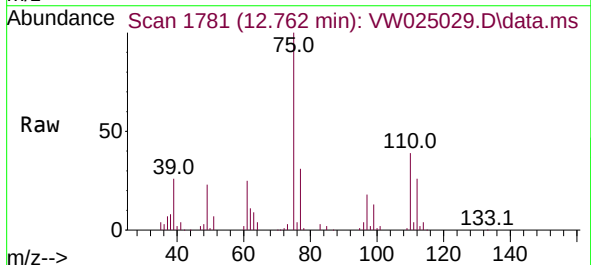
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

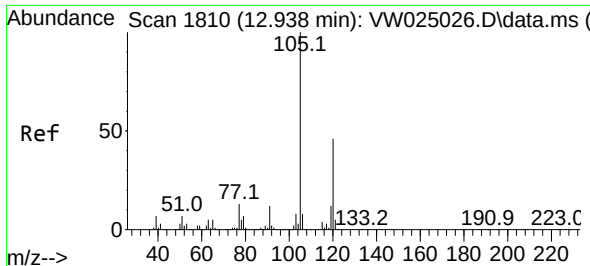
Tgt Ion:105 Resp: 471079
Ion Ratio Lower Upper
105 100
120 25.7 20.8 31.2
77 16.3 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 21.915 ug/L
RT: 12.762 min Scan# 1781
Delta R.T. -0.006 min
Lab File: VW025029.D
Acq: 09 Nov 2022 14:31

Tgt Ion: 75 Resp: 56490
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5
110 41.3 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 24.765 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW025029.D

Acq: 09 Nov 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

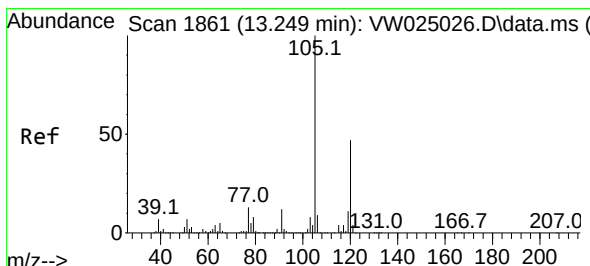
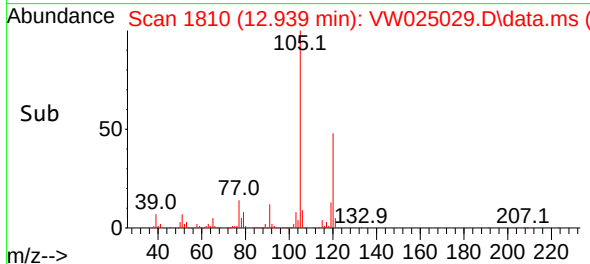
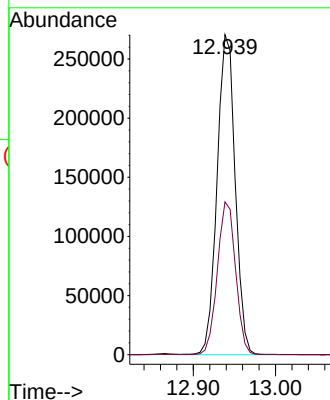
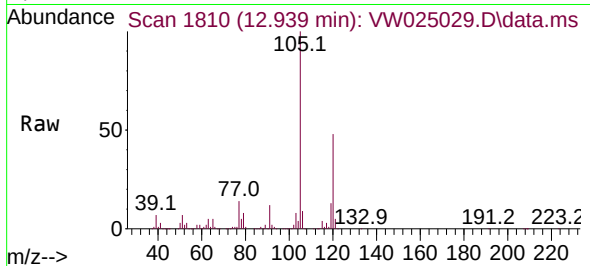
VSTD025490

Tgt Ion:105 Resp: 414696

Ion Ratio Lower Upper

105 100

120 47.9 37.6 56.4



#63

1,2,4-Trimethylbenzene

Concen: 25.029 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW025029.D

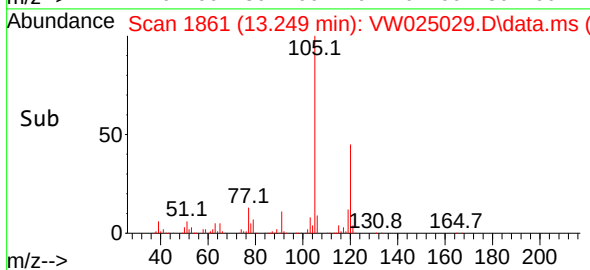
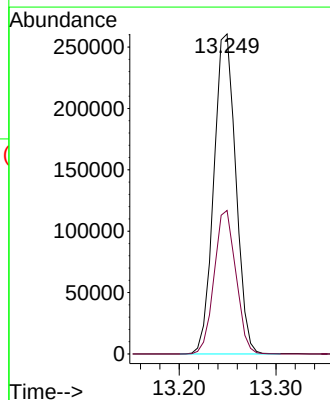
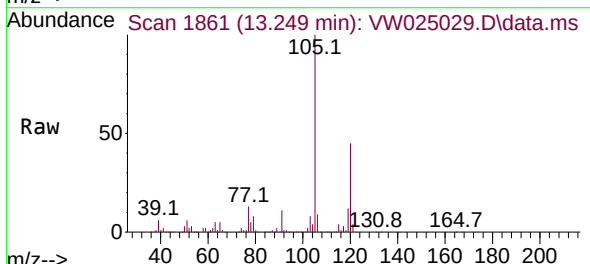
Acq: 09 Nov 2022 14:31

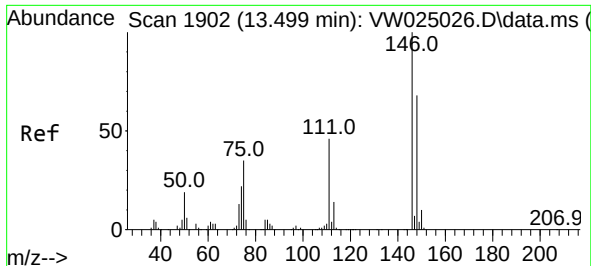
Tgt Ion:105 Resp: 410981

Ion Ratio Lower Upper

105 100

120 44.4 35.7 53.5

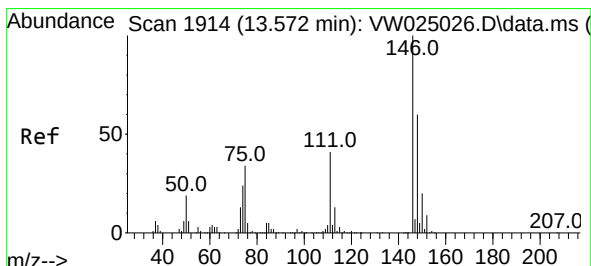
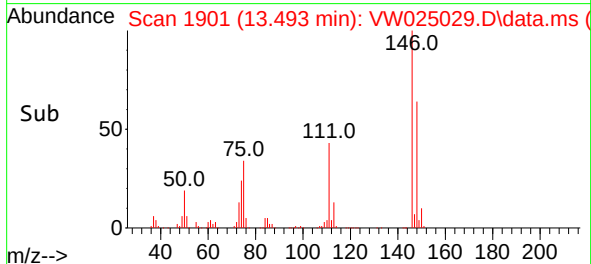
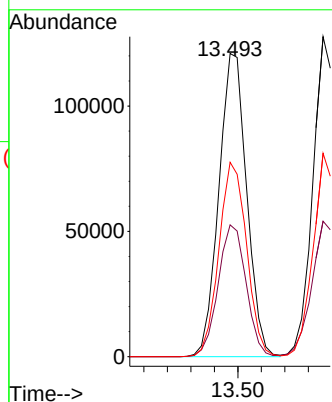
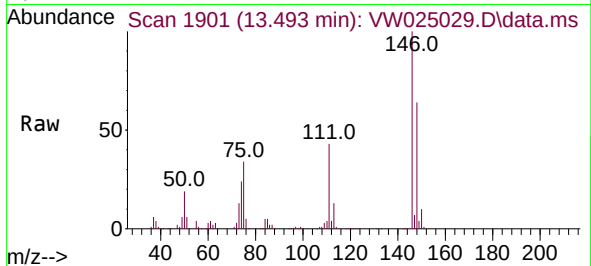




#64
1,3-Dichlorobenzene
Concen: 24.758 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW025029.D
Acq: 09 Nov 2022 14:31

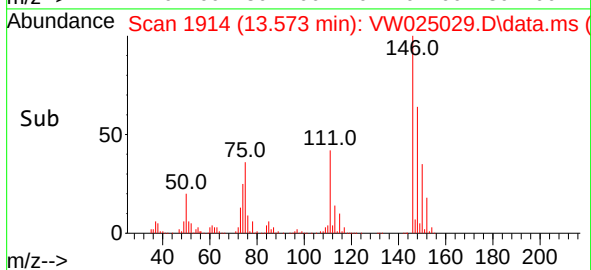
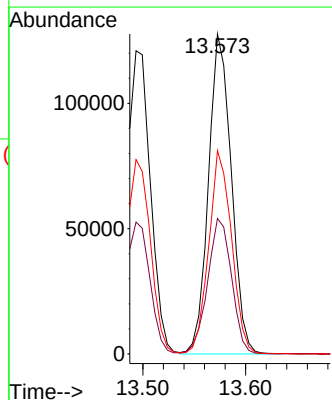
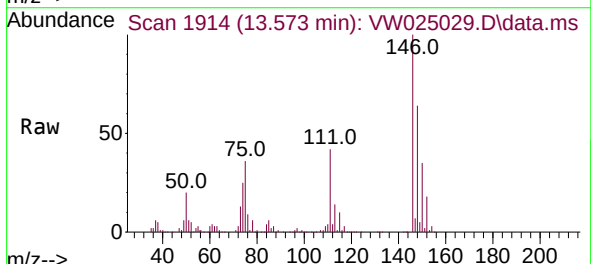
Instrument :
MSVOA_W
ClientSampleId :
VSTD025490

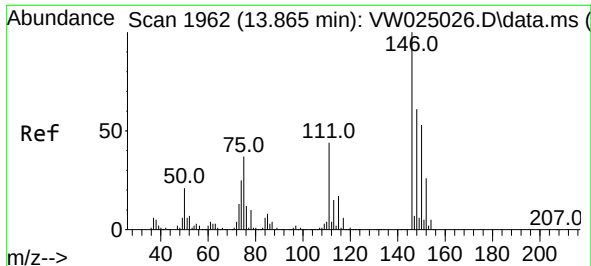
Tgt Ion:146 Resp: 199187
Ion Ratio Lower Upper
146 100
111 43.5 31.1 57.7
148 64.1 47.2 87.6



#65
1,4-Dichlorobenzene
Concen: 24.570 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW025029.D
Acq: 09 Nov 2022 14:31

Tgt Ion:146 Resp: 197240
Ion Ratio Lower Upper
146 100
111 42.3 28.8 53.6
148 63.5 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 25.155 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW025029.D

Acq: 09 Nov 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025490

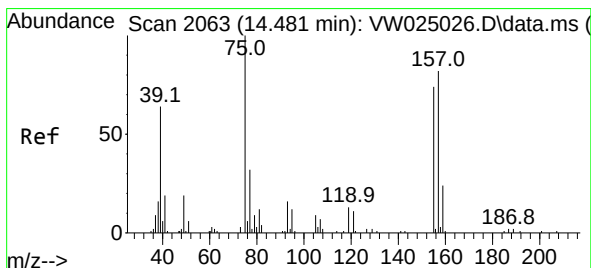
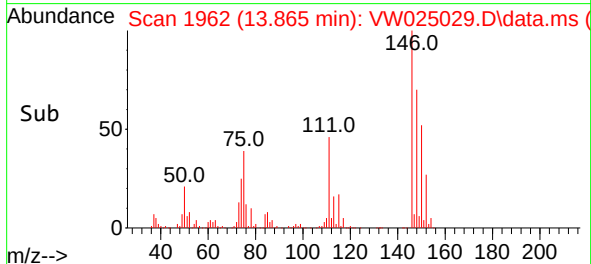
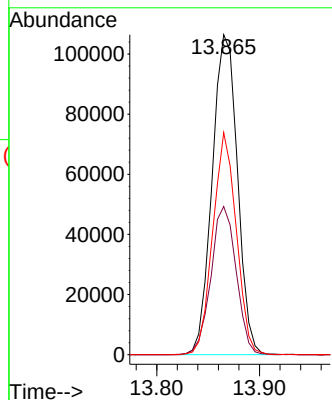
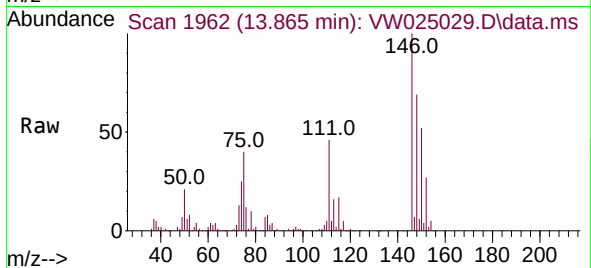
Tgt Ion:146 Resp: 181965

Ion Ratio Lower Upper

146 100

111 46.3 34.2 51.4

148 69.4 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 23.009 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025029.D

Acq: 09 Nov 2022 14:31

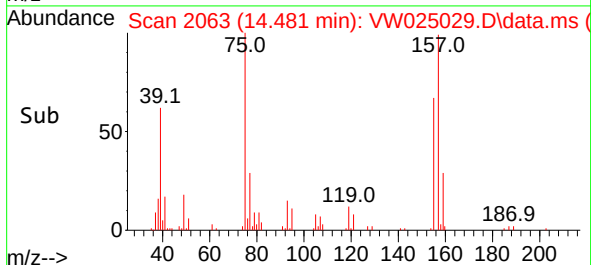
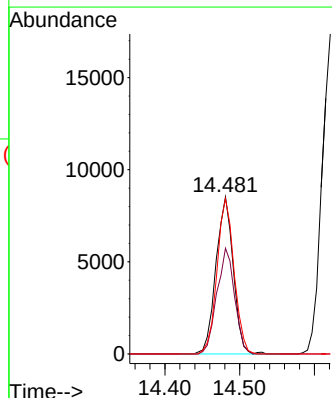
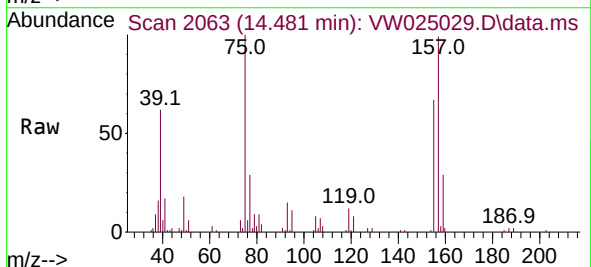
Tgt Ion: 75 Resp: 13706

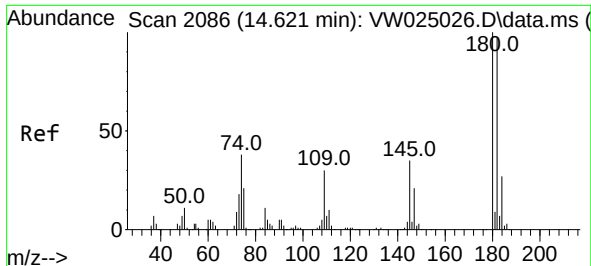
Ion Ratio Lower Upper

75 100

155 67.3 61.2 91.8

157 99.0 72.4 108.6

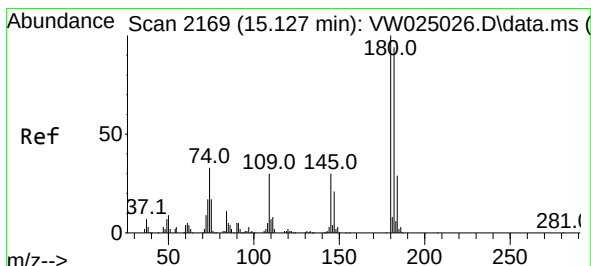
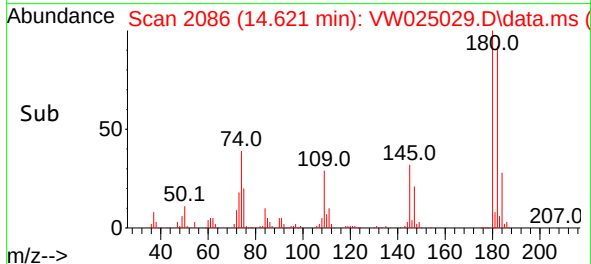
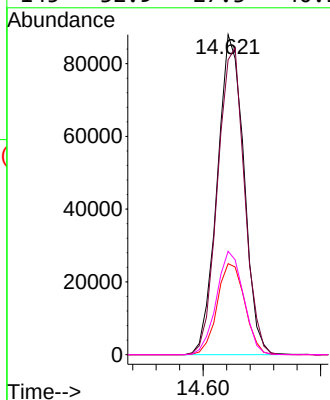
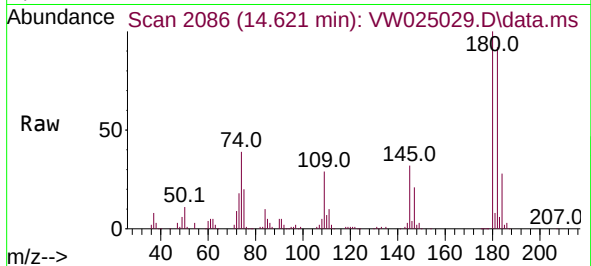




#69
 1,3,5-Trichlorobenzene
 Concen: 26.003 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. 0.000 min
 Lab File: VW025029.D
 Acq: 09 Nov 2022 14:31

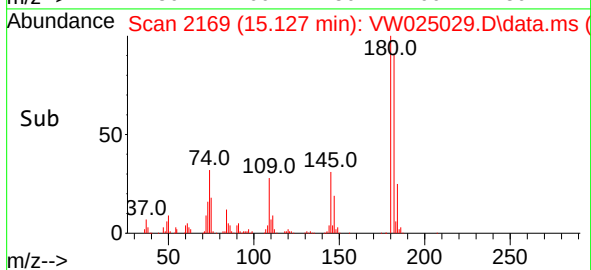
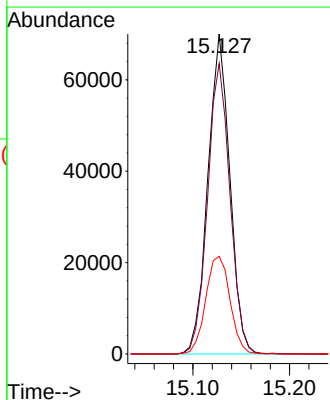
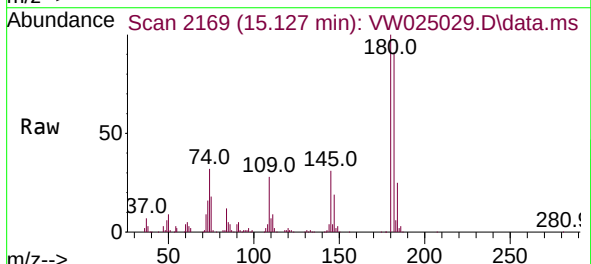
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025490

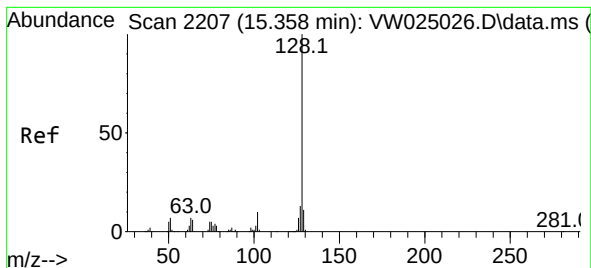
Tgt Ion:	180	Resp:	138563
Ion Ratio	Lower	Upper	
180	100		
182	96.2	75.7	113.5
184	29.5	23.4	35.2
145	32.9	27.3	40.9



#70
 1,2,4-trichlorobenzene
 Concen: 26.660 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW025029.D
 Acq: 09 Nov 2022 14:31

Tgt Ion:	180	Resp:	110419
Ion Ratio	Lower	Upper	
180	100		
182	92.7	74.9	112.3
145	33.8	27.0	40.4





#71

Naphthalene

Concen: 24.086 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW025029.D

Acq: 09 Nov 2022 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025490

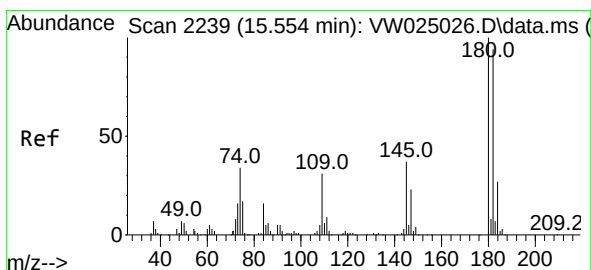
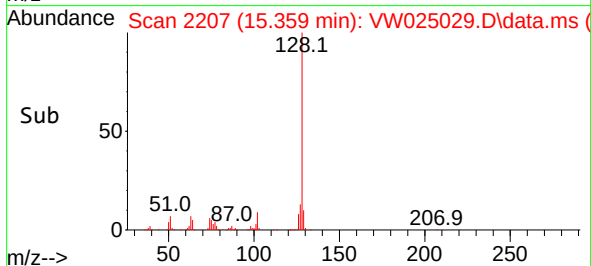
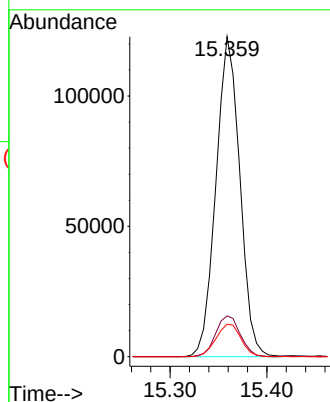
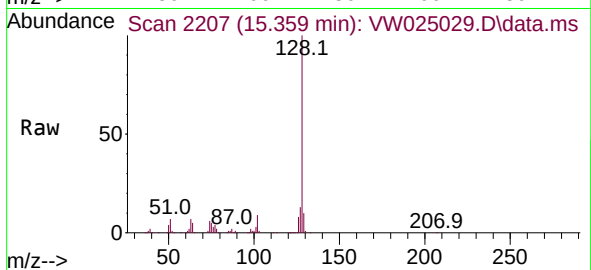
Tgt Ion:128 Resp: 210439

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.6 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 25.529 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW025029.D

Acq: 09 Nov 2022 14:31

Tgt Ion:180 Resp: 92130

Ion Ratio Lower Upper

180 100

182 95.8 74.1 111.1

145 37.1 28.2 42.2

