

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111422\
 Data File : VW025044.D
 Acq On : 14 Nov 2022 11:03
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025495

Quant Time: Nov 14 23:41:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 12 00:48:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	261624	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	239184	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	122167	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	54159	18.443	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.760%
7) Chloroethane-d5	2.885	69	39708	23.083	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.320%
11) 1,1-Dichloroethene-d2	4.019	63	171715	23.475	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.880%
21) 2-Butanone-d5	7.080	46	38022	38.364	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.720%
24) Chloroform-d	7.653	84	206385	25.994	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.960%
26) 1,2-Dichloroethane-d4	8.305	65	105963	23.842	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.360%
32) Benzene-d6	8.274	84	375838	24.515	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.080%
36) 1,2-Dichloropropane-d6	9.274	67	106721	23.758	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.040%
41) Toluene-d8	10.323	98	343650	24.077	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.320%
43) trans-1,3-Dichloroprop...	10.579	79	45923	23.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.240%
47) 2-Hexanone-d5	10.920	63	30559	39.382	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.760%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	76626	21.364	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	117309	24.987	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	19777	22.664	ug/L	100
3) Chloromethane	2.215	50	42803	20.394	ug/L	97
5) Vinyl chloride	2.367	62	67804	23.381	ug/L	93
6) Bromomethane	2.782	94	34497	23.837	ug/L	92
8) Chloroethane	2.922	64	30761	25.428	ug/L	98
9) Trichlorofluoromethane	3.263	101	64233	26.403	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	91323	26.509	ug/L #	74
12) 1,1-Dichloroethene	4.044	96	82232	25.338	ug/L	88
13) Acetone	4.129	43	28557	40.560	ug/L	96
14) Carbon disulfide	4.385	76	224737	23.706	ug/L	97
15) Methyl Acetate	4.671	43	26340	18.791	ug/L	99
16) Methylene chloride	4.915	84	85931	18.499	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	85783	24.685	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	130010	22.303	ug/L	98
19) 1,1-Dichloroethane	6.220	63	163912	25.477	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	96547	25.490	ug/L	91
22) 2-Butanone	7.171	43	35414	33.572	ug/L	95
23) Bromochloromethane	7.519	128	40046	24.389	ug/L	87
25) Chloroform	7.677	83	178576	26.299	ug/L	98

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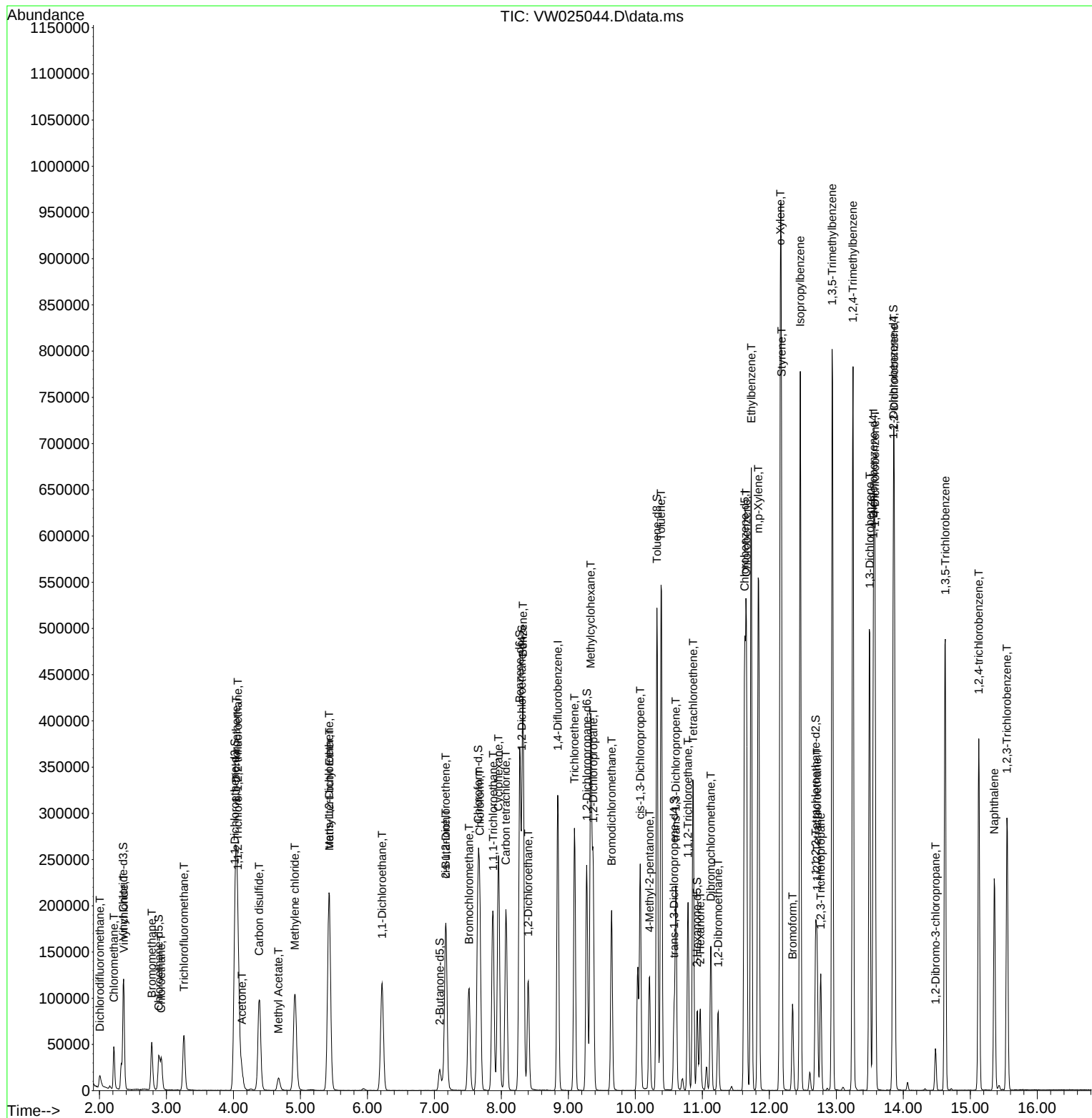
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	111253	24.155	ug/L	99
29) Cyclohexane	7.957	56	138244	24.478	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	160309	27.388	ug/L	99
31) Carbon tetrachloride	8.067	117	148655	28.422	ug/L	99
33) Benzene	8.323	78	368272	25.568	ug/L	100
34) Trichloroethene	9.091	95	99643	26.133	ug/L	98
35) Methylcyclohexane	9.335	83	165178	25.495	ug/L	99
37) 1,2-Dichloropropane	9.372	63	86877	24.851	ug/L	98
38) Bromodichloromethane	9.646	83	128049	26.245	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	140676	25.455	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	76745	37.410	ug/L	98
42) Toluene	10.384	91	398824	26.081	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	119731	24.369	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	61483	23.293	ug/L	96
46) Tetrachloroethene	10.865	164	72441	26.566	ug/L	94
48) 2-Hexanone	10.969	43	52674	37.127	ug/L	99
49) Dibromochloromethane	11.128	129	80968	25.165	ug/L	99
50) 1,2-Dibromoethane	11.237	107	55803	22.354	ug/L	99
51) Chlorobenzene	11.658	112	257431	25.972	ug/L	98
52) Ethylbenzene	11.731	91	467580	26.490	ug/L	98
53) m,p-Xylene	11.835	106	178570	26.135	ug/L	95
54) o-Xylene	12.164	106	169173	26.245	ug/L	100
55) Styrene	12.182	104	293125	26.182	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	67460	21.305	ug/L	97
59) Bromoform	12.347	173	42094	24.361	ug/L #	99
60) Isopropylbenzene	12.463	105	482537	26.272	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	50758	20.680	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	431260	27.048	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	419267	26.817	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	198949	25.971	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	201580	26.372	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	181983	26.421	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	12193	21.497	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	143955	28.372	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	109782	27.838	ug/L	99
71) Naphthalene	15.359	128	190822	22.938	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	93500	27.211	ug/L	98

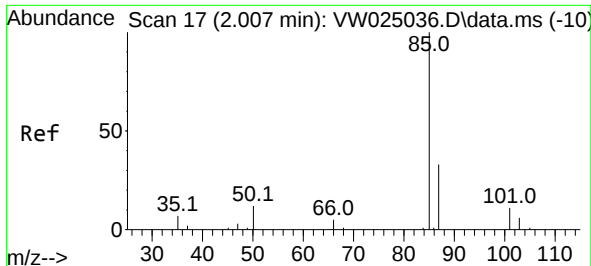
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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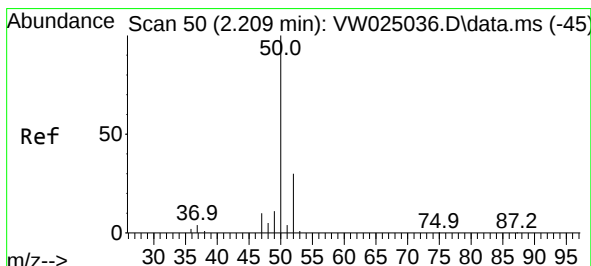
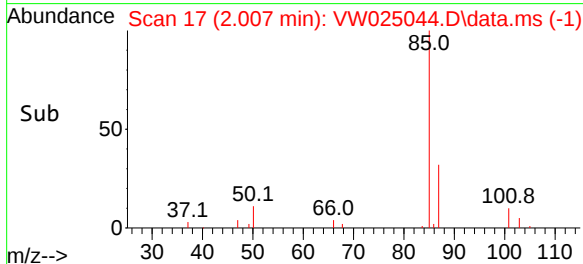
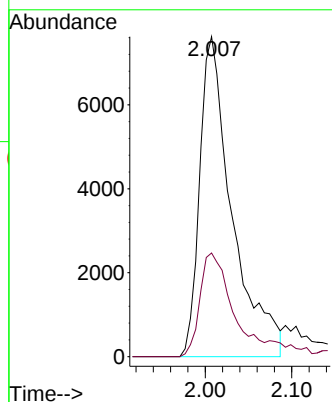
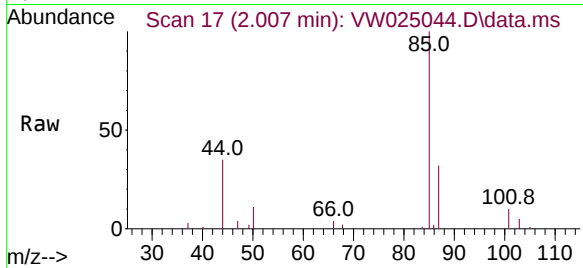




#2
 Dichlorodifluoromethane
 Concen: 22.664 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW025044.D
 Acq: 14 Nov 2022 11:03

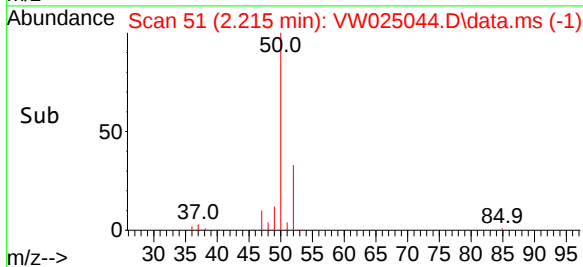
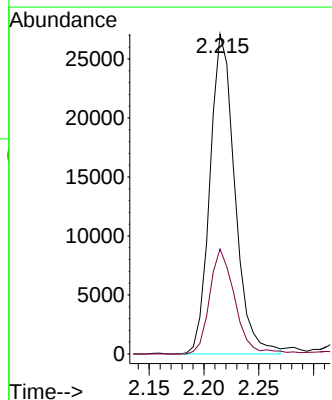
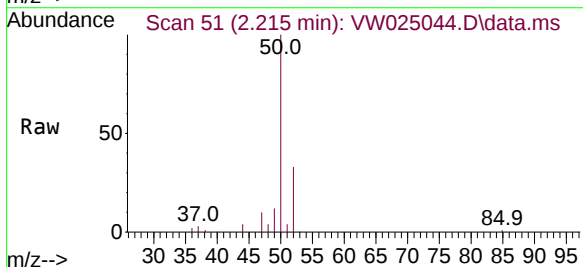
Instrument :
 MSVOA_W
 ClientSampleId :
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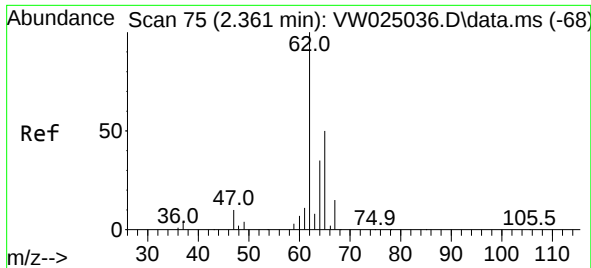
Tgt Ion: 85 Resp: 19777
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.9 38.9



#3
 Chloromethane
 Concen: 20.394 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW025044.D
 Acq: 14 Nov 2022 11:03

Tgt Ion: 50 Resp: 42803
 Ion Ratio Lower Upper
 50 100
 52 32.8 24.1 44.8

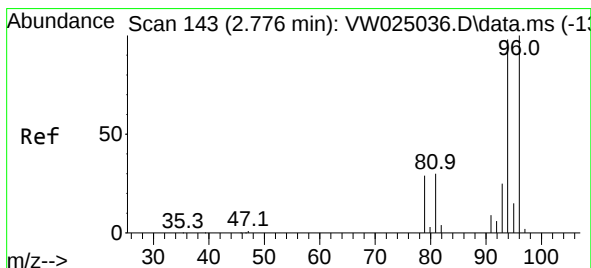
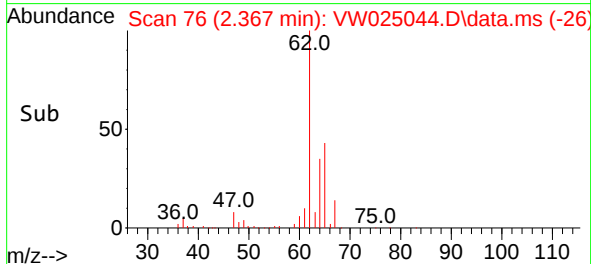
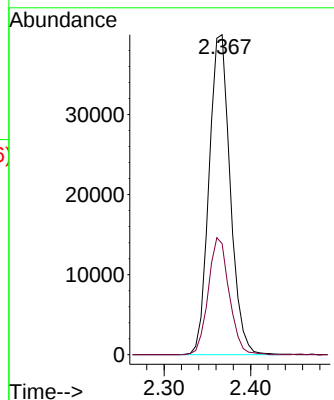
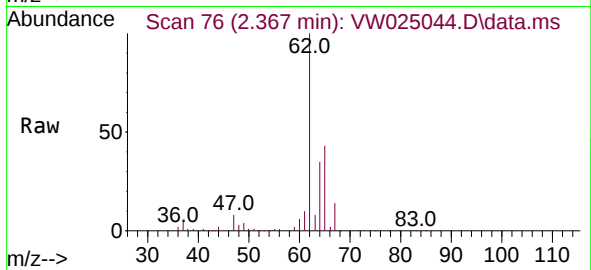




#5
 Vinyl chloride
 Concen: 23.381 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW025044.D
 Acq: 14 Nov 2022 11:03

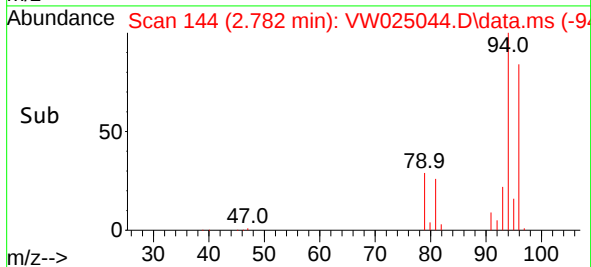
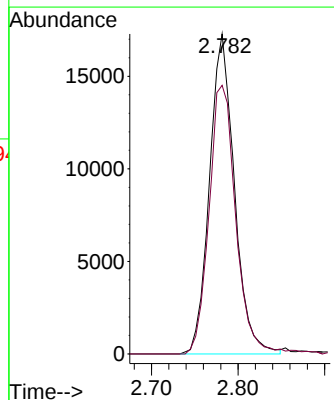
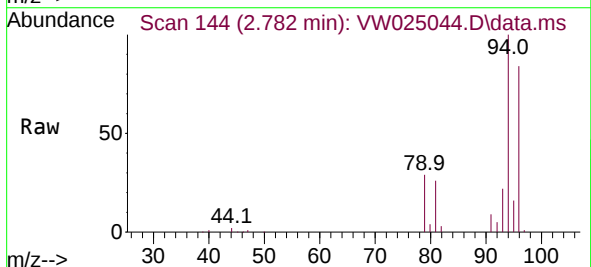
Instrument :
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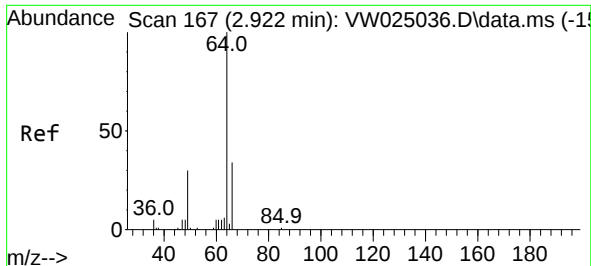
Tgt Ion: 62 Resp: 67804
 Ion Ratio Lower Upper
 62 100
 64 34.7 27.2 50.6



#6
 Bromomethane
 Concen: 23.837 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW025044.D
 Acq: 14 Nov 2022 11:03

Tgt Ion: 94 Resp: 34497
 Ion Ratio Lower Upper
 94 100
 96 84.0 63.8 118.6

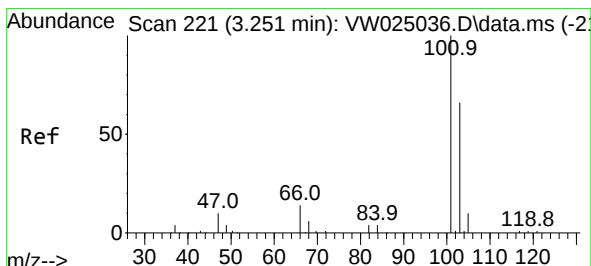
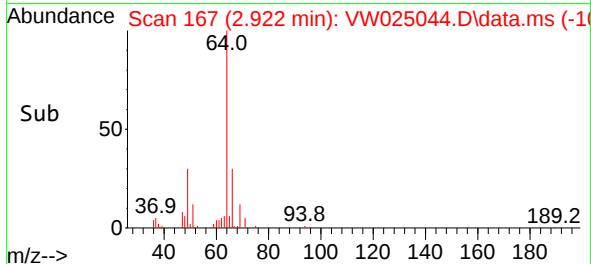
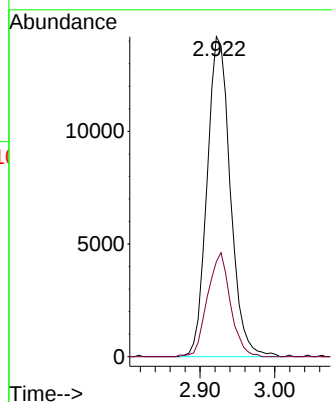
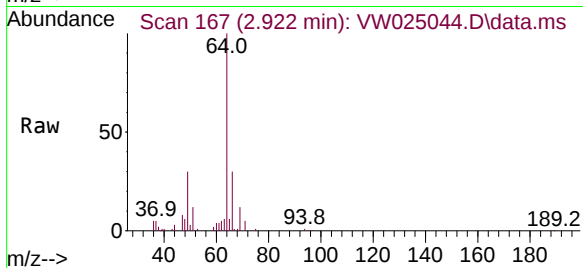




#8
Chloroethane
Concen: 25.428 ug/L
RT: 2.922 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

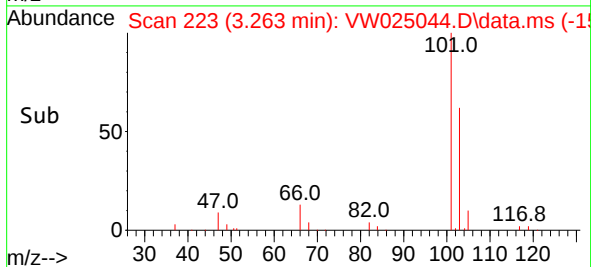
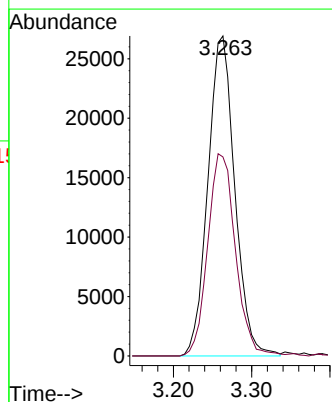
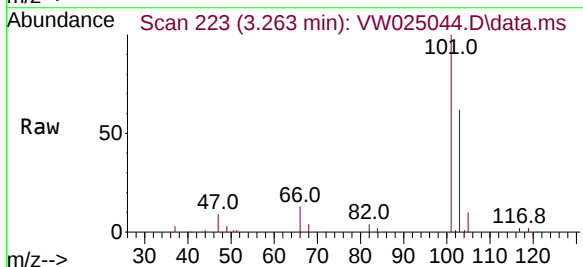
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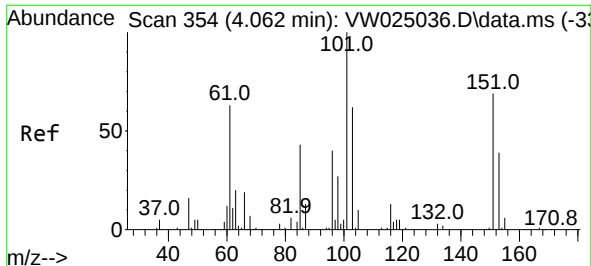
Tgt Ion: 64 Resp: 30761
Ion Ratio Lower Upper
64 100
66 29.7 21.6 40.2



#9
Trichlorofluoromethane
Concen: 26.403 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.012 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

Tgt Ion: 101 Resp: 64233
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.0

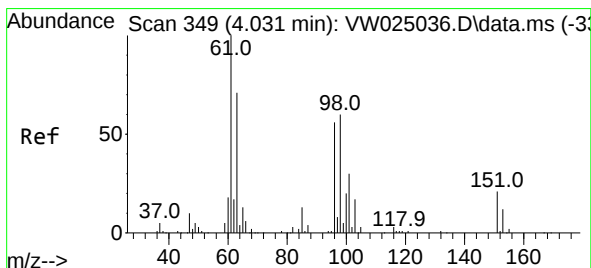
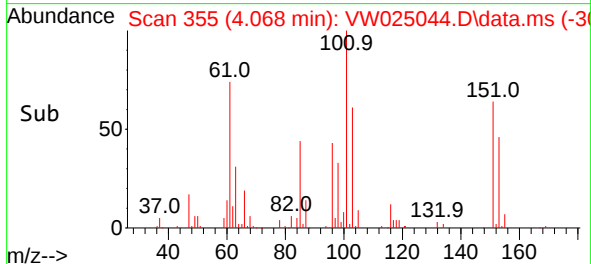
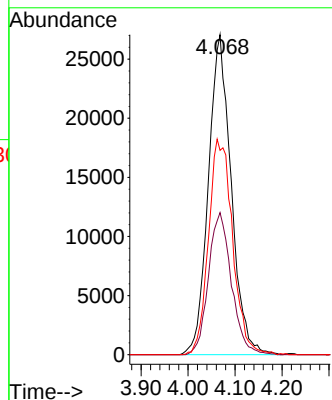
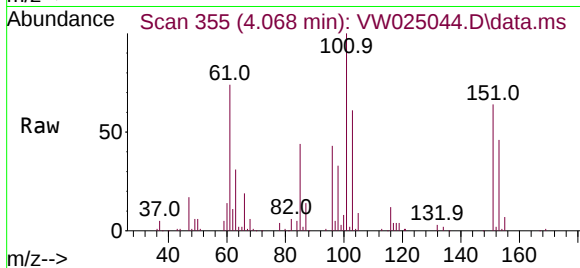




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.509 ug/L
 RT: 4.068 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW025044.D
 Acq: 14 Nov 2022 11:03

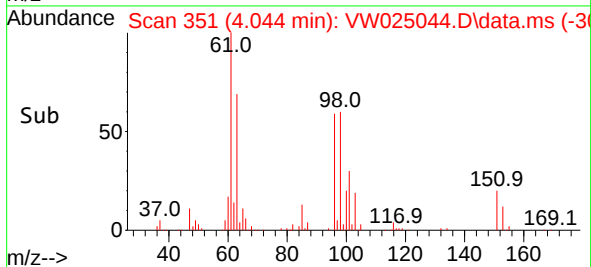
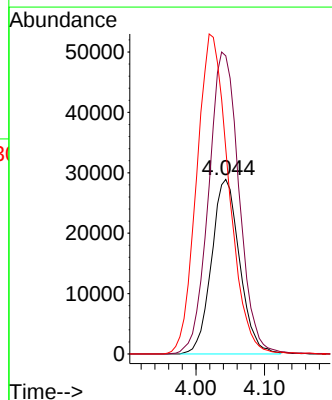
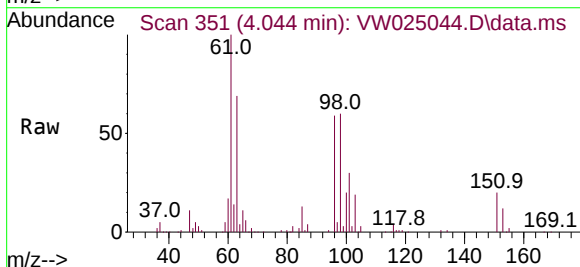
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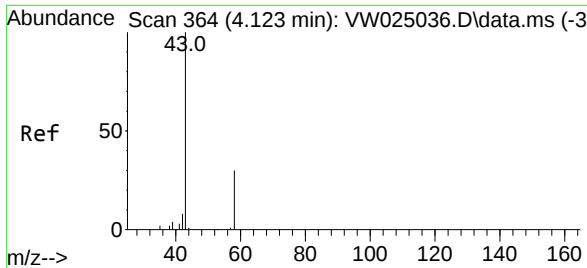
Tgt Ion:101 Resp: 91323
 Ion Ratio Lower Upper
 101 100
 85 44.7 36.5 54.7
 151 36.7 57.3 85.9#



#12
 1,1-Dichloroethene
 Concen: 25.338 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.012 min
 Lab File: VW025044.D
 Acq: 14 Nov 2022 11:03

Tgt Ion: 96 Resp: 82232
 Ion Ratio Lower Upper
 96 100
 61 170.8 126.2 234.4
 63 117.4 98.3 182.7





#13

Acetone

Concen: 40.560 ug/L

RT: 4.129 min Scan# 364

Delta R.T. 0.006 min

Lab File: VW025044.D

Acq: 14 Nov 2022 11:03

Instrument :

MSVOA_W

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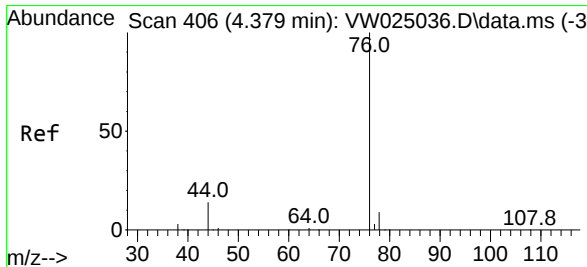
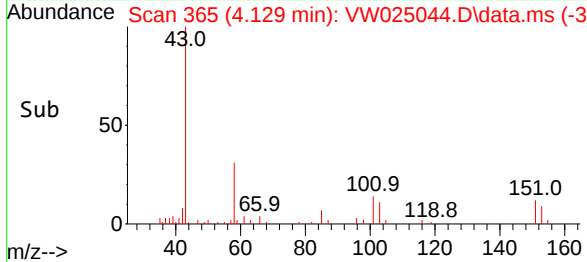
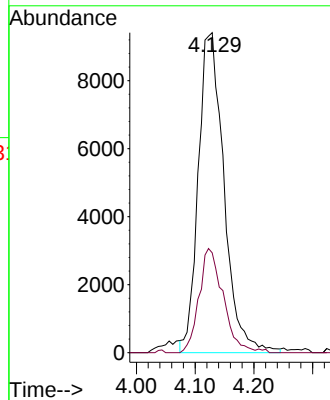
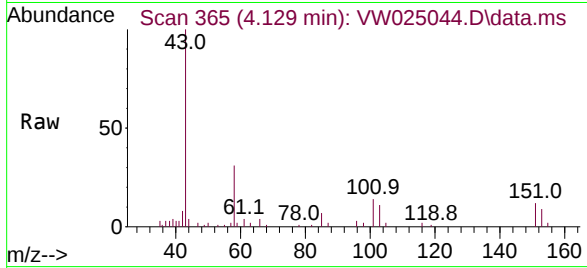
VSTD025495

Tgt Ion: 43 Resp: 28557

Ion Ratio Lower Upper

43 100

58 30.5 0.0 65.4



#14

Carbon disulfide

Concen: 23.706 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.006 min

Lab File: VW025044.D

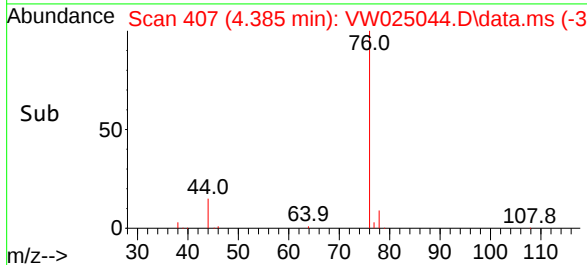
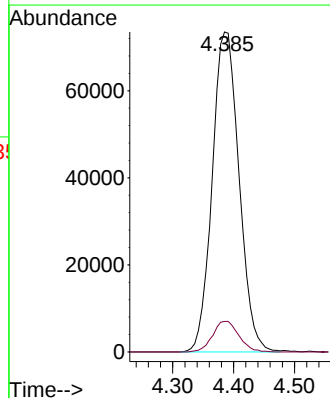
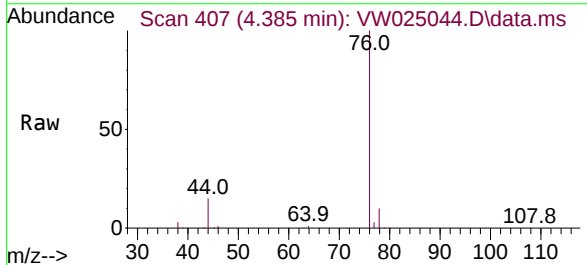
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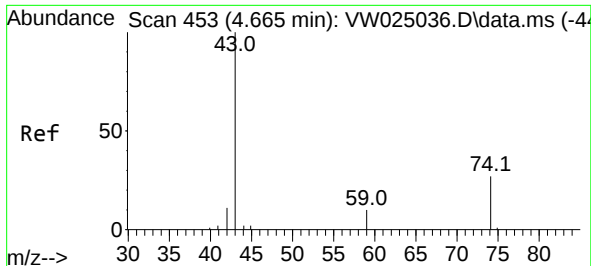
Tgt Ion: 76 Resp: 224737

Ion Ratio Lower Upper

76 100

78 9.6 6.8 10.2

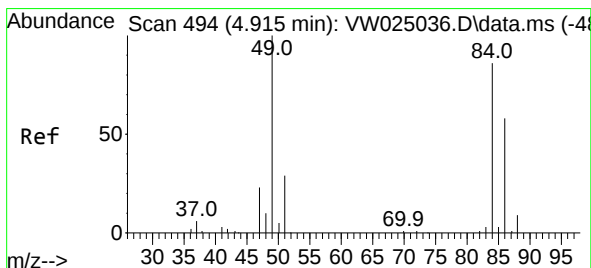
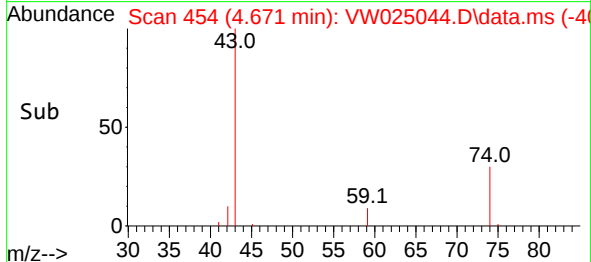
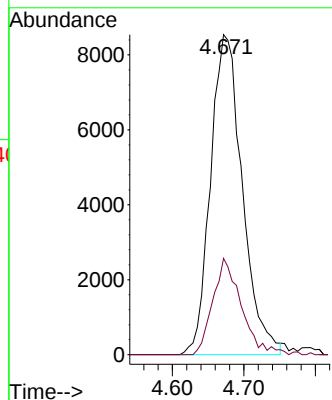
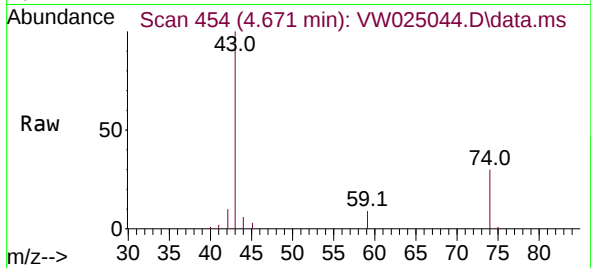




#15
Methyl Acetate
Concen: 18.791 ug/L
RT: 4.671 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

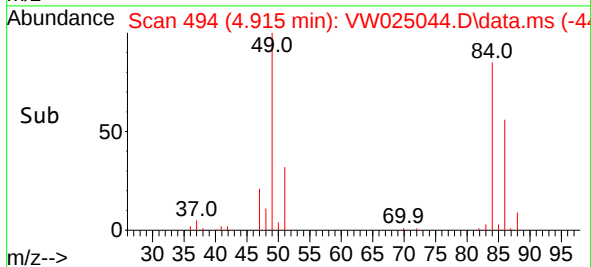
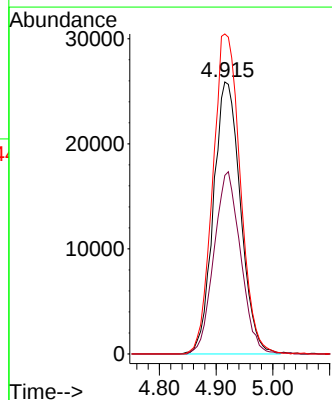
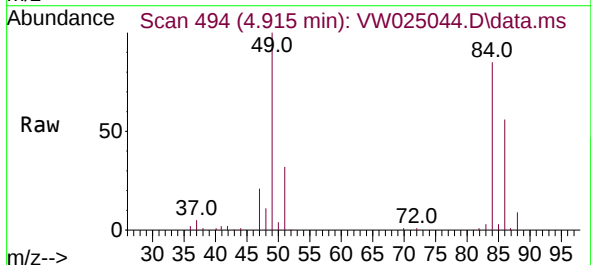
Instrument :
MSVOA_W
ClientSampleId :
VSTD025495

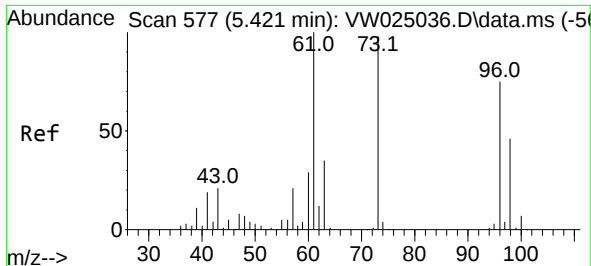
Tgt Ion: 43 Resp: 26340
Ion Ratio Lower Upper
43 100
74 26.2 20.6 30.8



#16
Methylene chloride
Concen: 18.499 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

Tgt Ion: 84 Resp: 85931
Ion Ratio Lower Upper
84 100
86 65.6 42.6 79.0
49 117.6 81.9 152.1





#17

trans-1,2-Dichloroethene

Concen: 24.685 ug/L

RT: 5.427 min Scan# 577

Delta R.T. 0.006 min

Lab File: VW025044.D

Acq: 14 Nov 2022 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025495

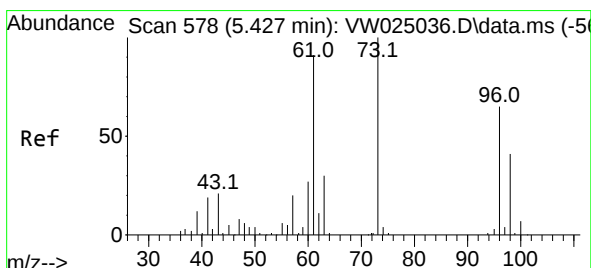
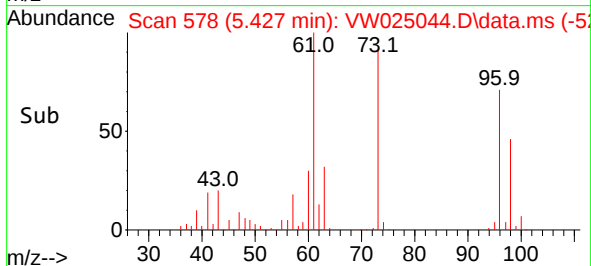
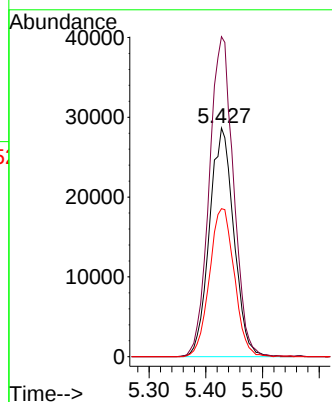
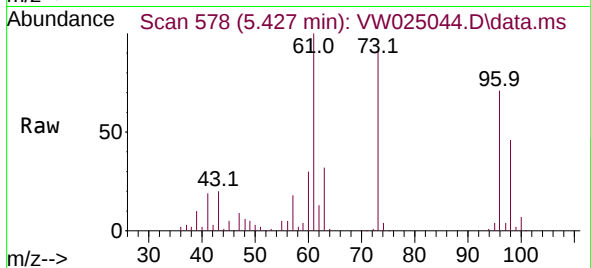
Tgt Ion: 96 Resp: 85783

Ion Ratio Lower Upper

96 100

61 139.9 97.6 181.2

98 64.7 46.8 86.8



#18

Methyl tert-butyl Ether

Concen: 22.303 ug/L

RT: 5.434 min Scan# 579

Delta R.T. 0.006 min

Lab File: VW025044.D

Acq: 14 Nov 2022 11:03

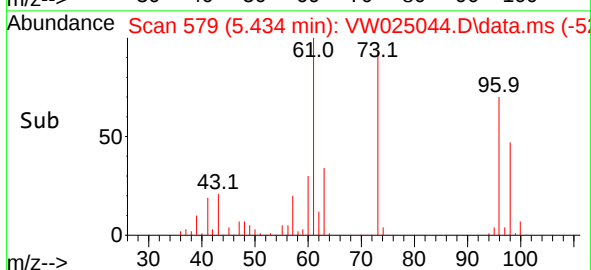
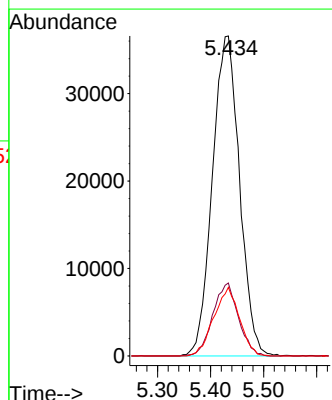
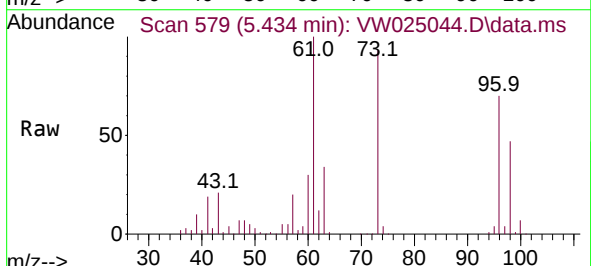
Tgt Ion: 73 Resp: 130010

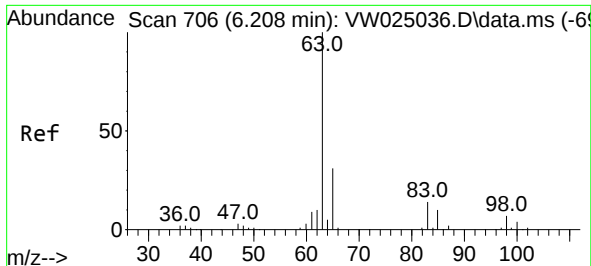
Ion Ratio Lower Upper

73 100

43 21.4 16.6 24.8

57 20.3 17.1 25.7

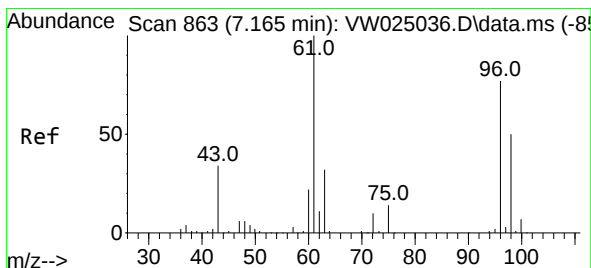
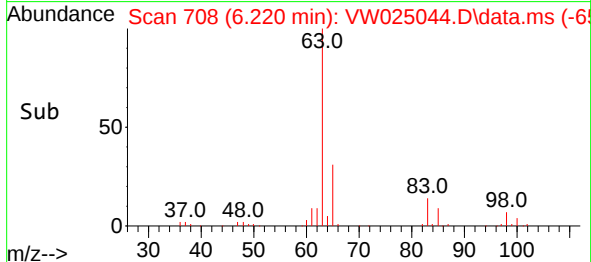
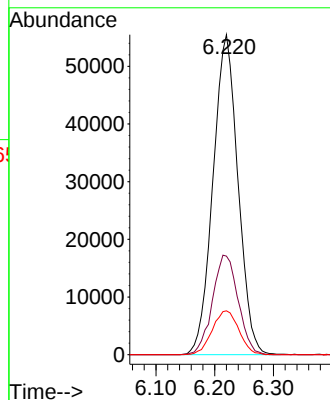
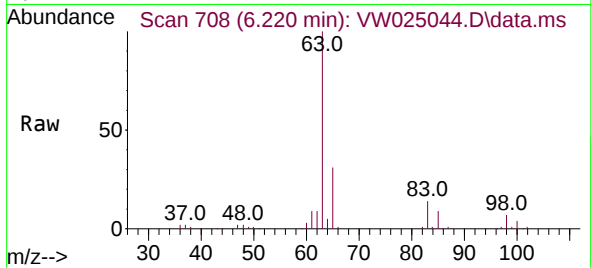




#19
1,1-Dichloroethane
Concen: 25.477 ug/L
RT: 6.220 min Scan# 706
Delta R.T. 0.012 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

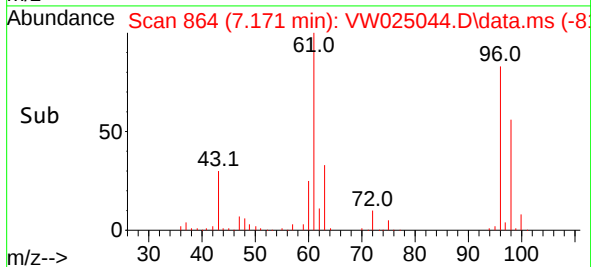
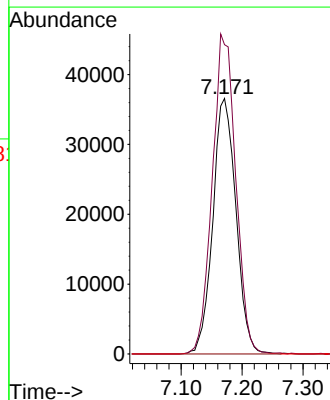
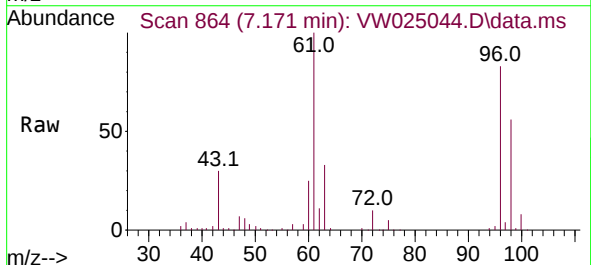
Instrument :
MSVOA_W
ClientSampleId :
VSTD025495

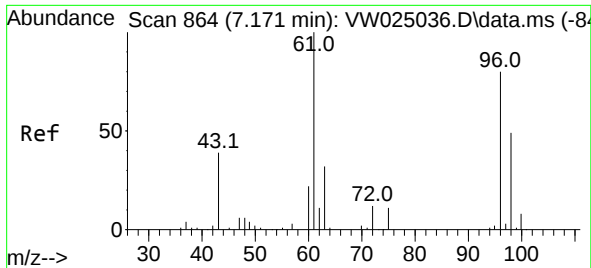
Tgt Ion: 63 Resp: 163912
Ion Ratio Lower Upper
63 100
65 30.8 22.2 41.2
83 13.7 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 25.490 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

Tgt Ion: 96 Resp: 96547
Ion Ratio Lower Upper
96 100
61 121.1 91.8 170.6
68 0.0 0.0 0.0

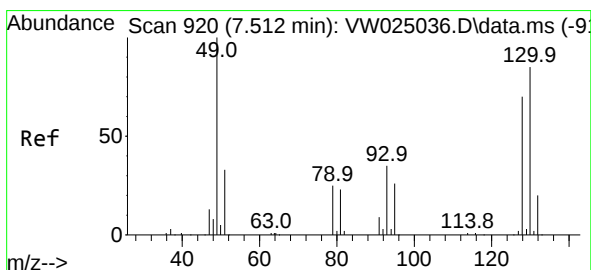
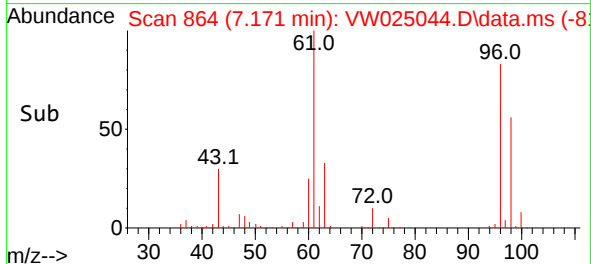
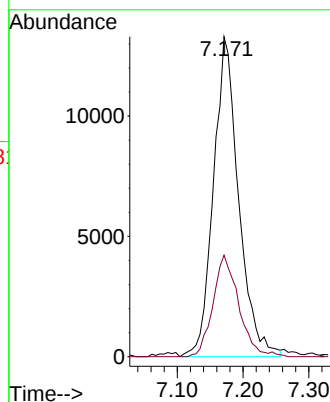
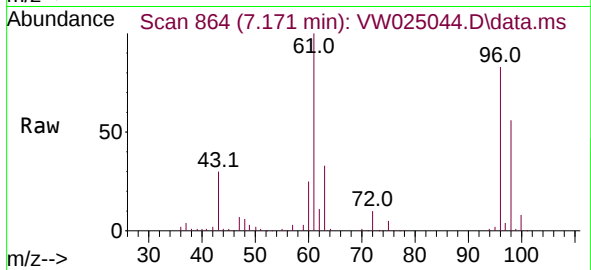




#22
2-Butanone
Concen: 33.572 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

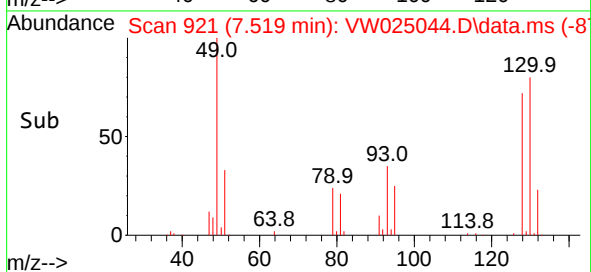
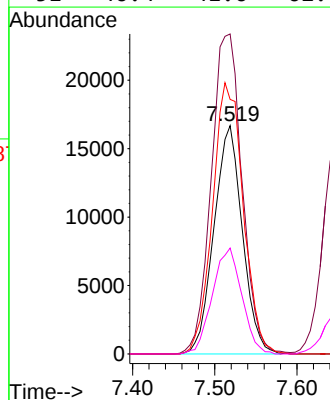
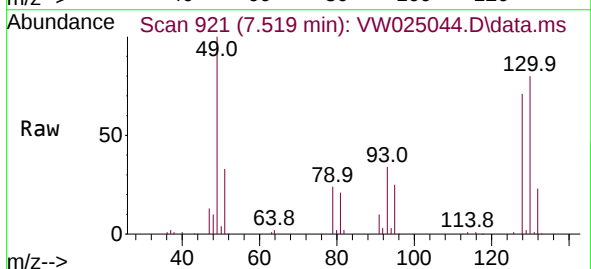
Instrument :
MSVOA_W
ClientSampleId :
VSTD025495

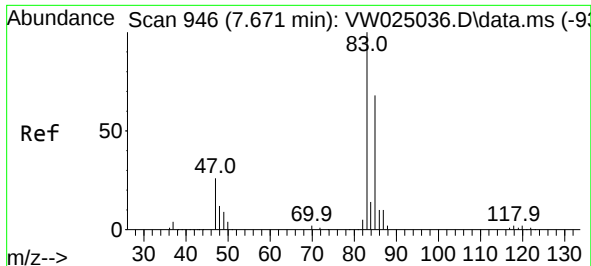
Tgt Ion: 43 Resp: 35414
Ion Ratio Lower Upper
43 100
72 32.0 14.6 44.0



#23
Bromochloromethane
Concen: 24.389 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

Tgt Ion: 128 Resp: 40046
Ion Ratio Lower Upper
128 100
49 140.2 112.8 209.4
130 111.6 86.2 160.2
51 46.4 41.6 62.4

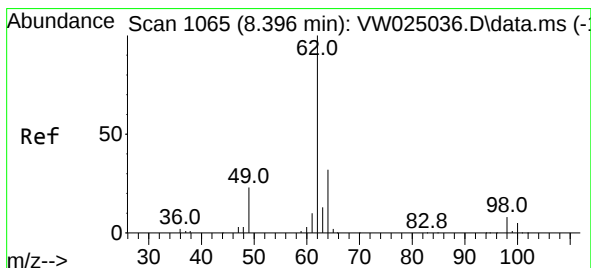
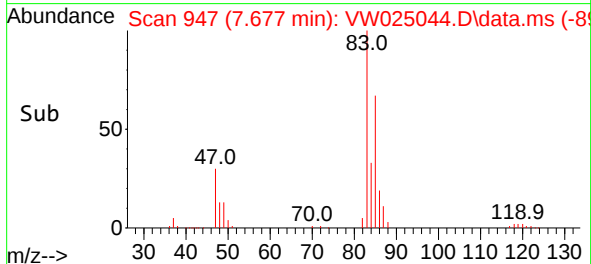
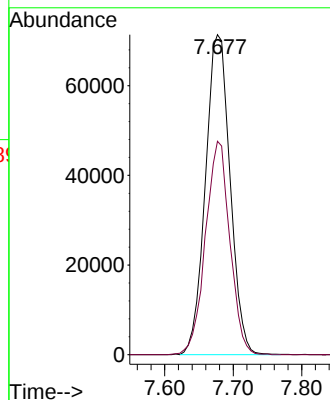
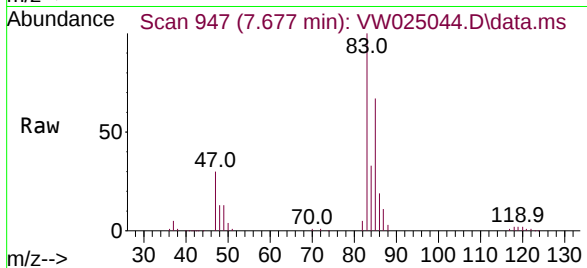




#25
Chloroform
Concen: 26.299 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

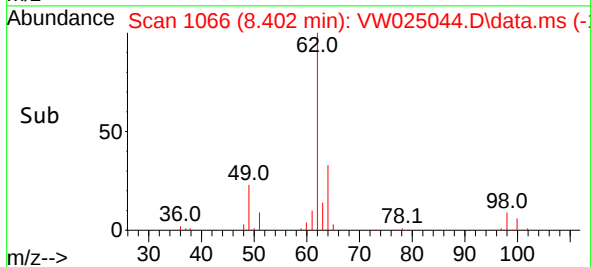
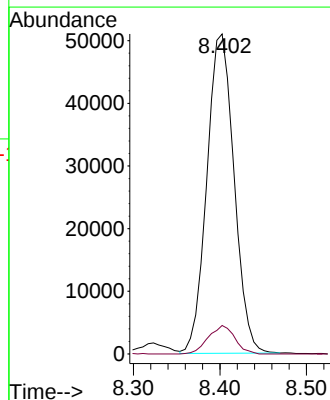
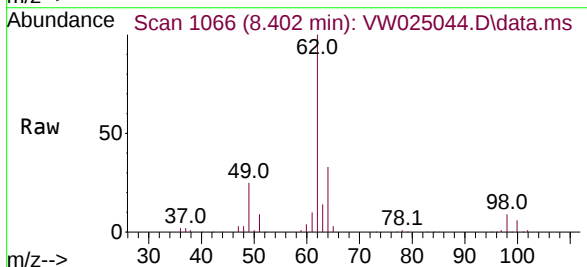
Instrument :
MSVOA_W
ClientSampleId :
VSTD025495

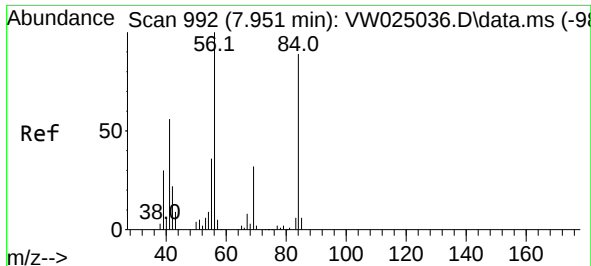
Tgt Ion: 83 Resp: 178576
Ion Ratio Lower Upper
83 100
85 66.7 47.5 88.3



#27
1,2-Dichloroethane
Concen: 24.155 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

Tgt Ion: 62 Resp: 111253
Ion Ratio Lower Upper
62 100
98 8.9 7.0 10.4





#29

Cyclohexane

Concen: 24.478 ug/L

RT: 7.957 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW025044.D

Acq: 14 Nov 2022 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025495

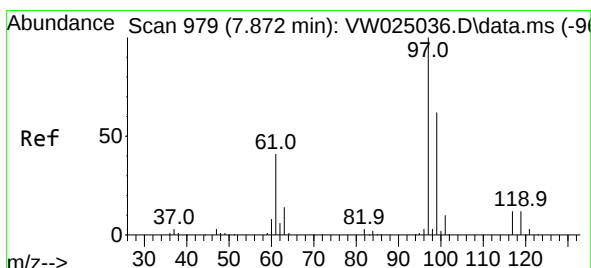
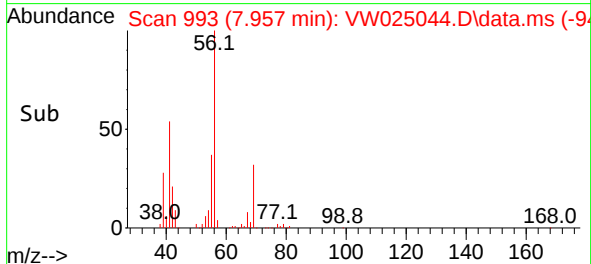
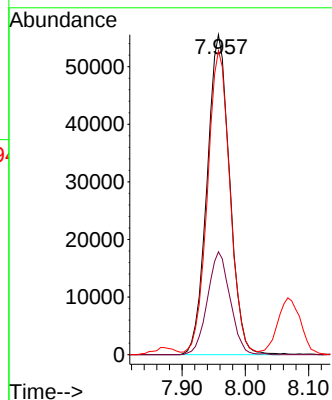
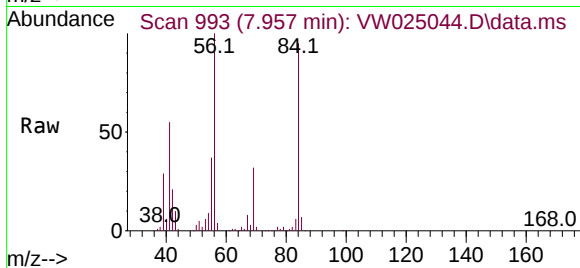
Tgt Ion: 56 Resp: 138244

Ion Ratio Lower Upper

56 100

69 31.9 25.0 37.4

84 94.5 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 27.388 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.006 min

Lab File: VW025044.D

Acq: 14 Nov 2022 11:03

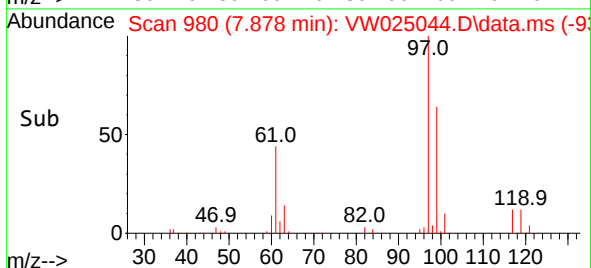
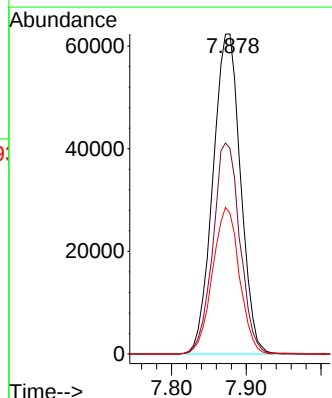
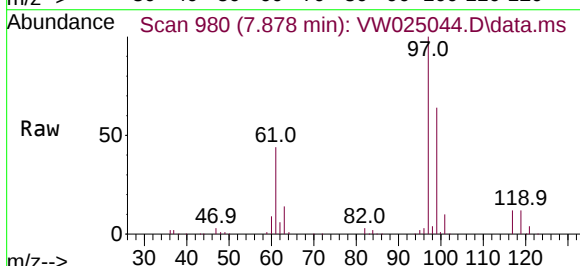
Tgt Ion: 97 Resp: 160309

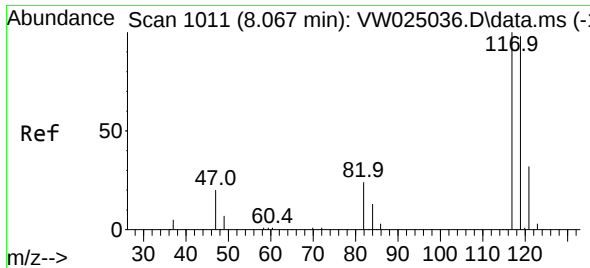
Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.8

61 44.6 36.6 54.8

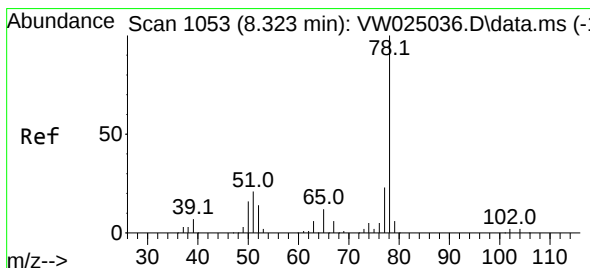
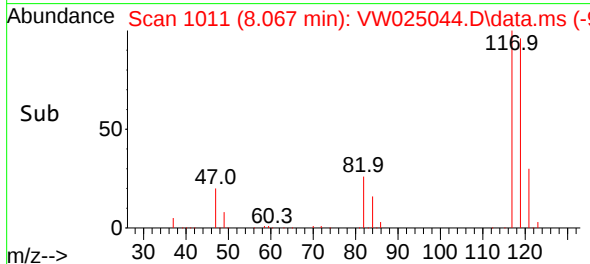
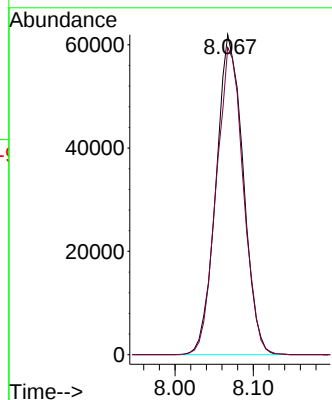
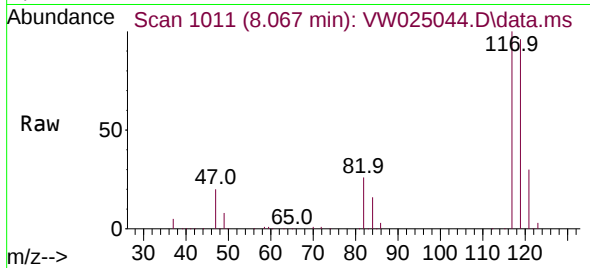




#31
Carbon tetrachloride
Concen: 28.422 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

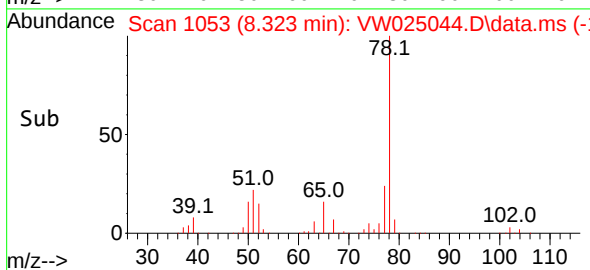
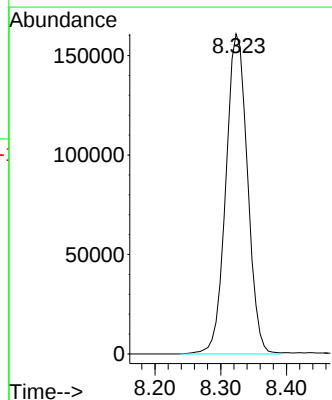
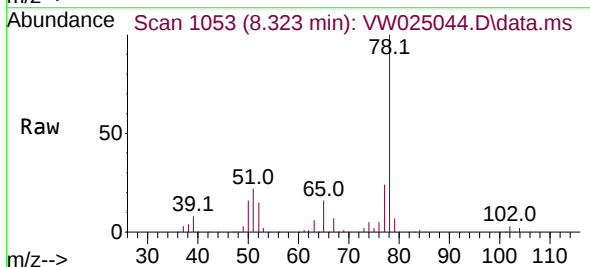
Instrument :
MSVOA_W
ClientSampleId :
VSTD025495

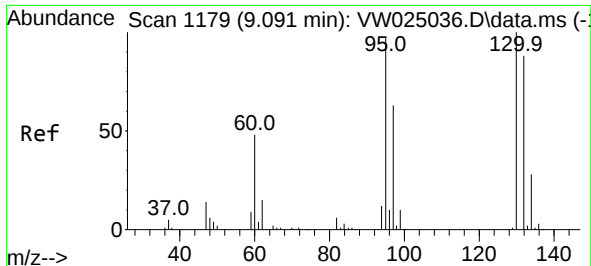
Tgt Ion:117 Resp: 148655
Ion Ratio Lower Upper
117 100
119 96.0 77.7 116.5



#33
Benzene
Concen: 25.568 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

Tgt Ion: 78 Resp: 368272



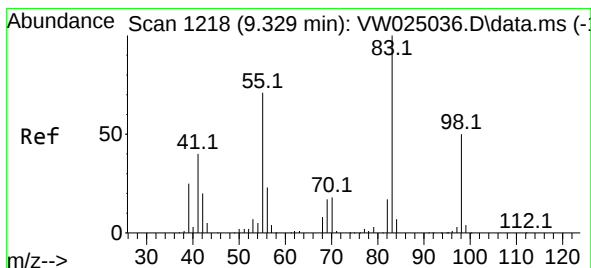
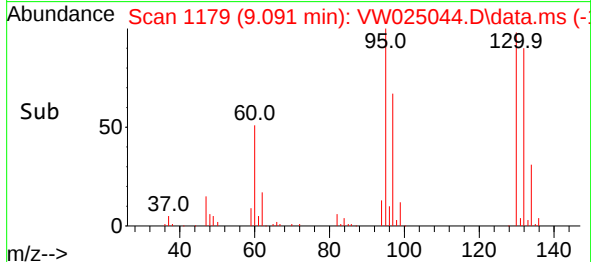
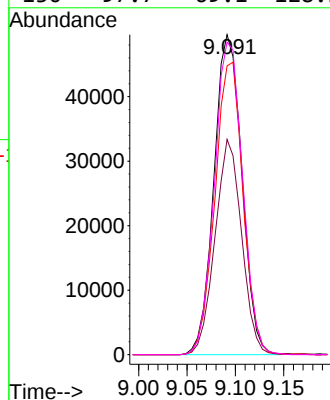
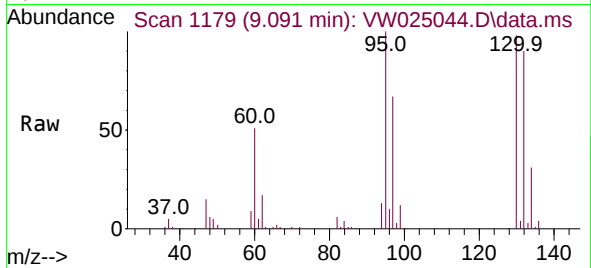


#34
Trichloroethene
Concen: 26.133 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD025495

Tgt Ion: 95 Resp: 99643

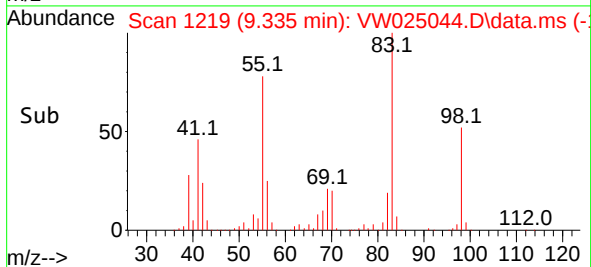
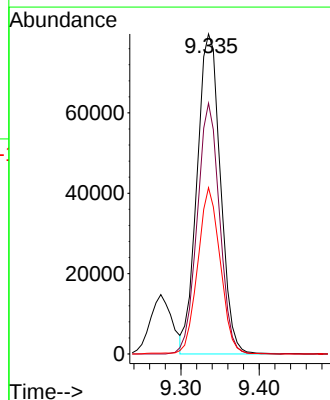
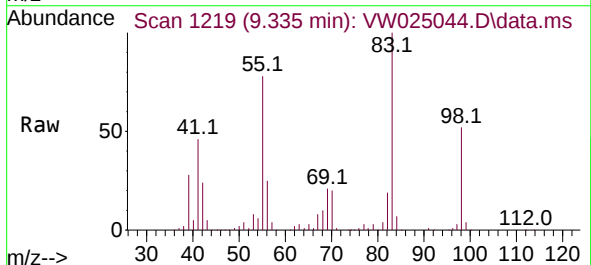
Ion	Ratio	Lower	Upper
95	100		
97	67.2	44.7	83.1
132	90.2	62.6	116.2
130	97.7	69.1	128.3

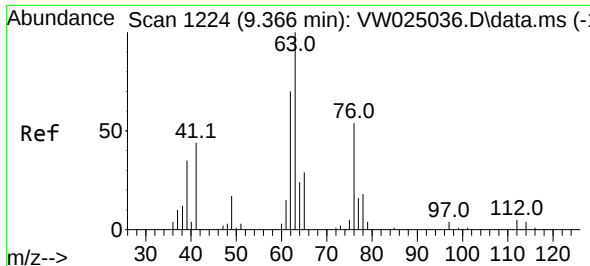


#35
Methylcyclohexane
Concen: 25.495 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

Tgt Ion: 83 Resp: 165178

Ion	Ratio	Lower	Upper
83	100		
55	74.7	60.4	90.6
98	49.8	39.5	59.3





#37

1,2-Dichloropropane

Concen: 24.851 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW025044.D

Acq: 14 Nov 2022 11:03

Instrument :

MSVOA_W

ClientSampleId :

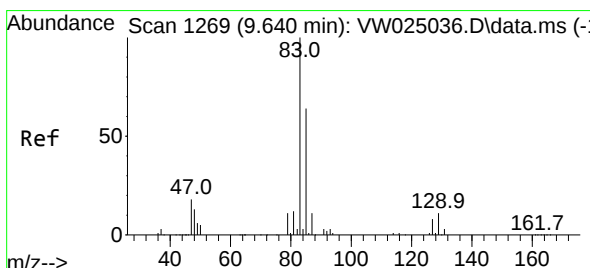
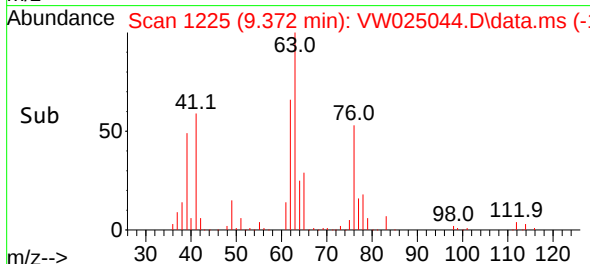
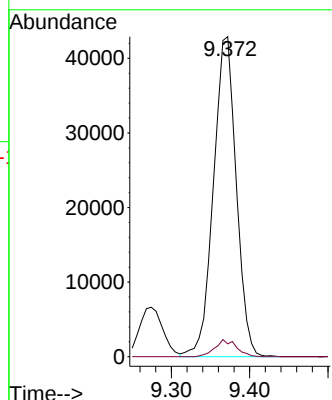
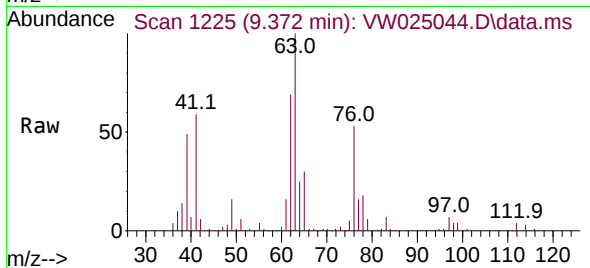
VSTD025495

Tgt Ion: 63 Resp: 86877

Ion Ratio Lower Upper

63 100

112 5.0 3.6 5.4



#38

Bromodichloromethane

Concen: 26.245 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW025044.D

Acq: 14 Nov 2022 11:03

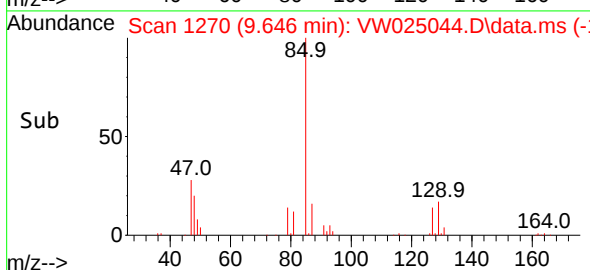
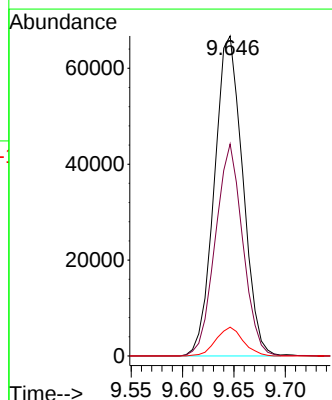
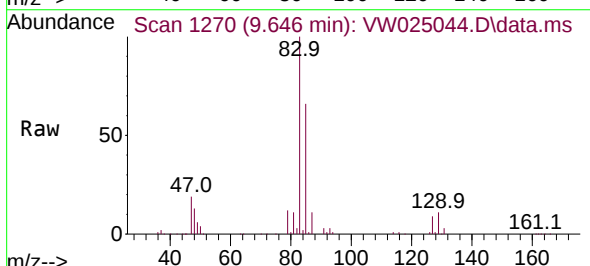
Tgt Ion: 83 Resp: 128049

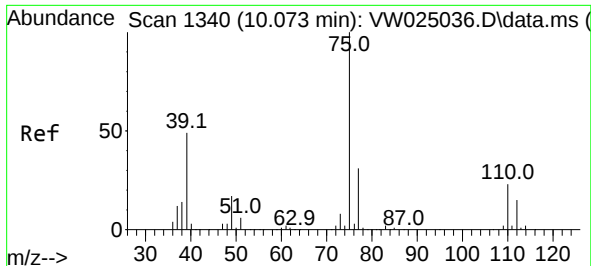
Ion Ratio Lower Upper

83 100

85 66.3 45.8 85.0

127 9.0 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 25.455 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025044.D

Acq: 14 Nov 2022 11:03

Instrument :

MSVOA_W

ClientSampleId :

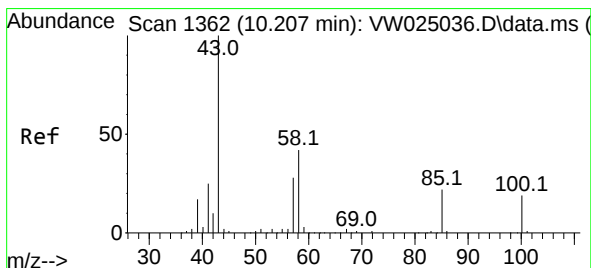
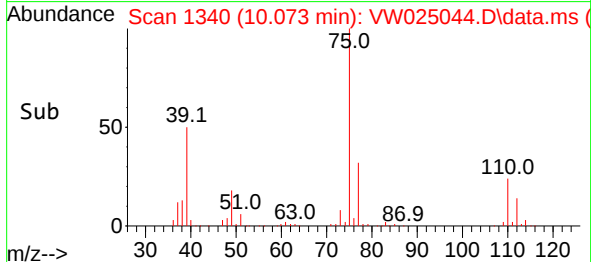
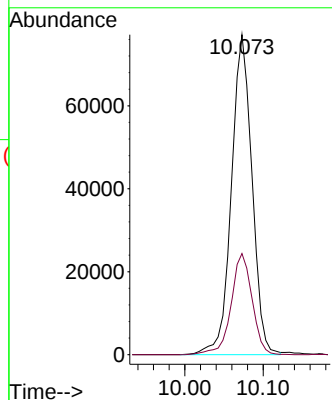
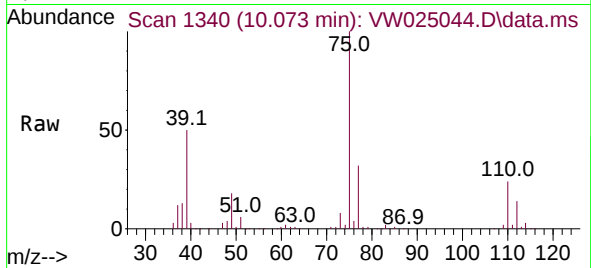
VSTD025495

Tgt Ion: 75 Resp: 140676

Ion Ratio Lower Upper

75 100

77 31.6 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 37.410 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW025044.D

Acq: 14 Nov 2022 11:03

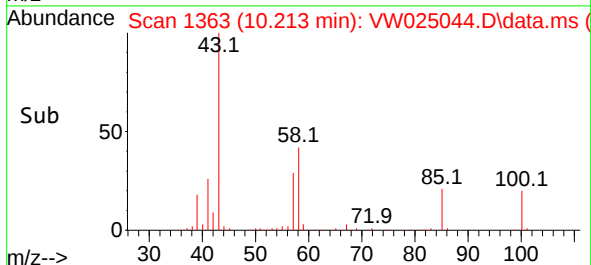
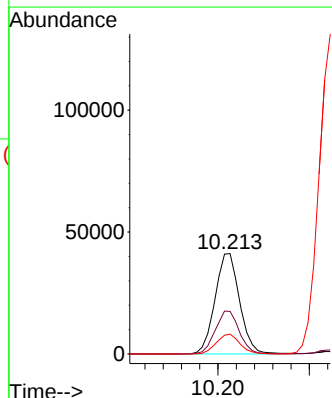
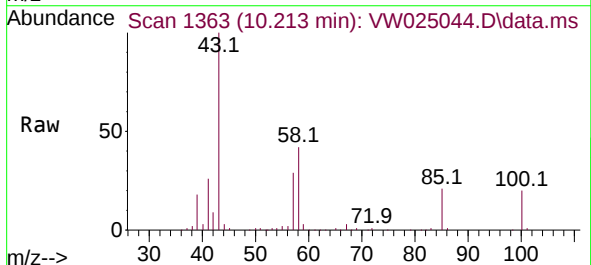
Tgt Ion: 43 Resp: 76745

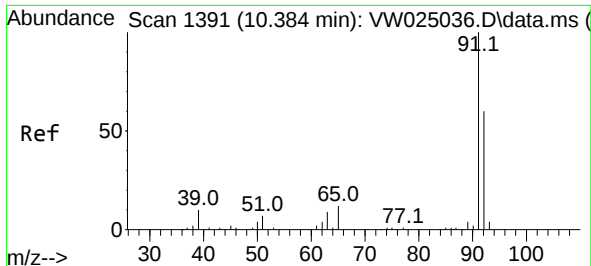
Ion Ratio Lower Upper

43 100

58 41.7 32.6 48.8

100 18.9 14.0 21.0

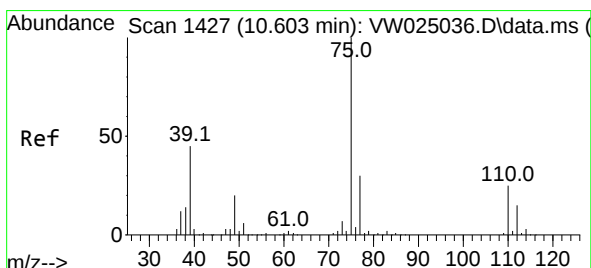
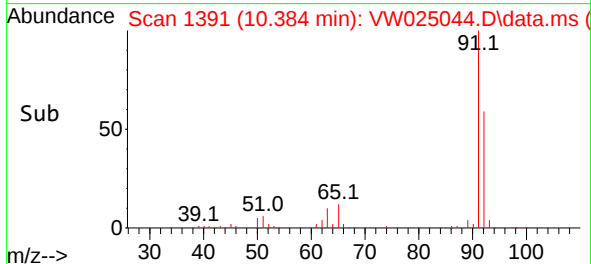
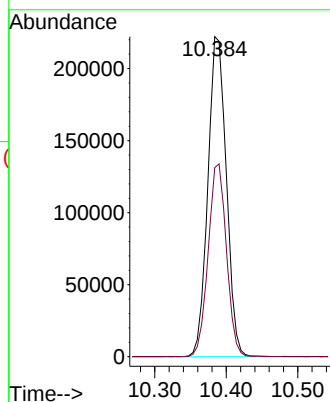
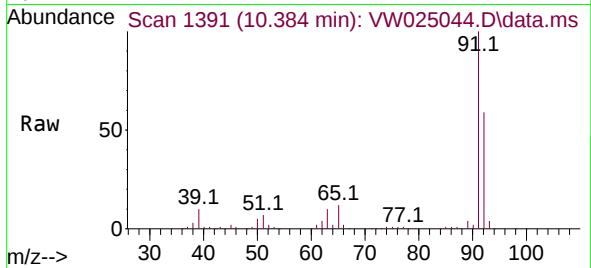




#42
Toluene
Concen: 26.081 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

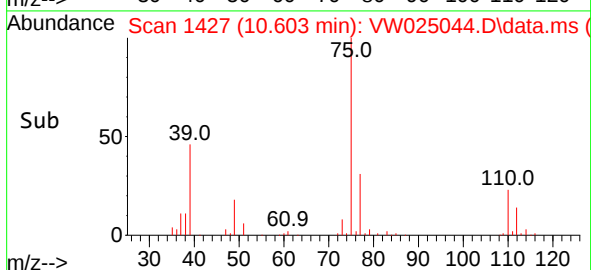
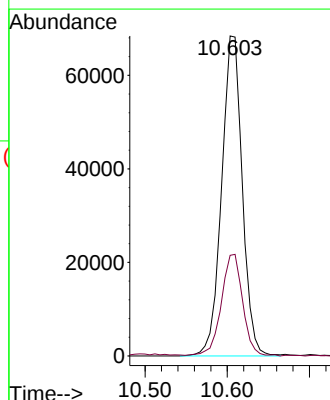
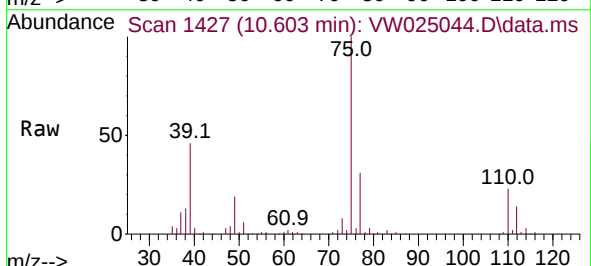
Instrument :
MSVOA_W
ClientSampleId :
VSTD025495

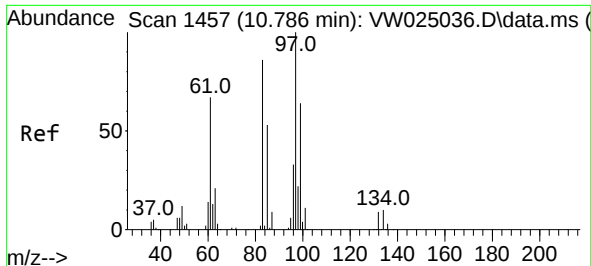
Tgt Ion: 91 Resp: 398824
Ion Ratio Lower Upper
91 100
92 59.1 38.6 71.8



#44
trans-1,3-Dichloropropene
Concen: 24.369 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

Tgt Ion: 75 Resp: 119731
Ion Ratio Lower Upper
75 100
77 31.5 22.3 41.5

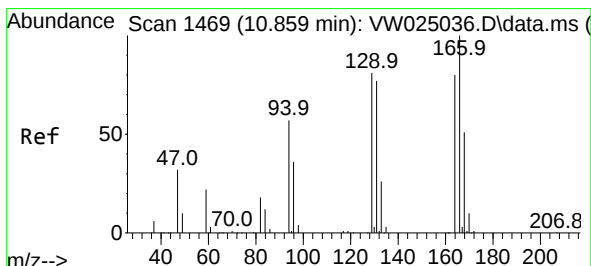
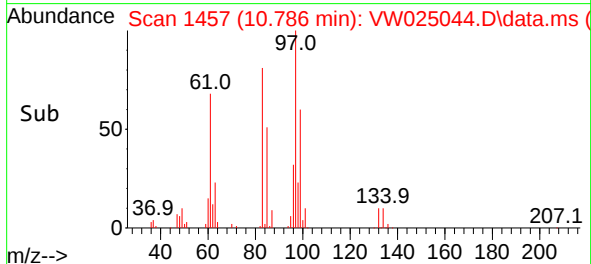
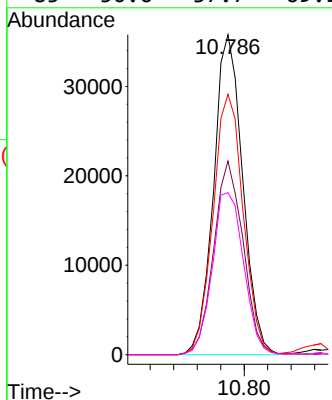
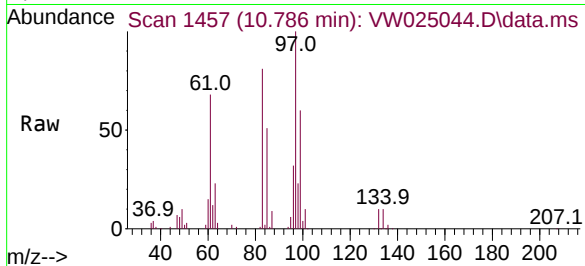




#45
1,1,2-Trichloroethane
Concen: 23.293 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

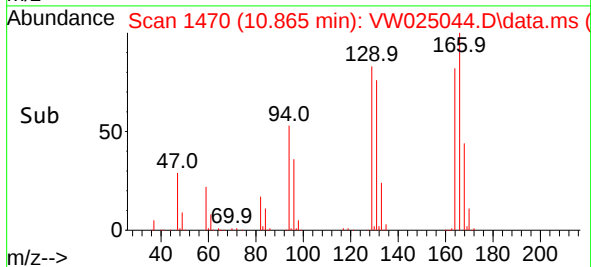
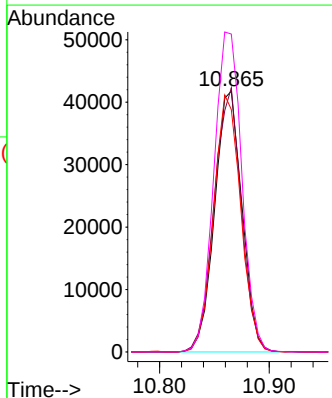
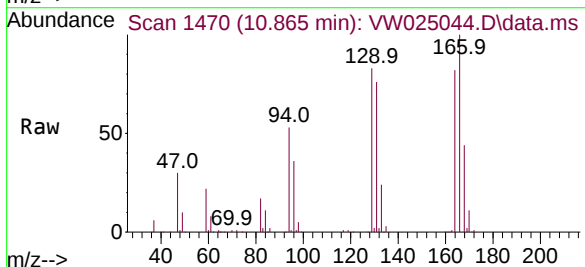
Instrument :
MSVOA_W
ClientSampleId :
VSTD025495

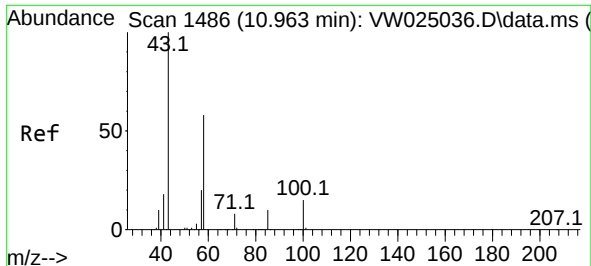
Tgt Ion: 97	Resp: 61483
Ion Ratio	Lower Upper
97 100	
99 60.5	44.0 81.6
83 81.4	59.9 111.3
85 50.6	37.7 69.9



#46
Tetrachloroethene
Concen: 26.566 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

Tgt	Ion:164	Resp:	72441
Ion	Ratio	Lower	Upper
164	100		
129	101.3	72.9	135.5
131	92.9	70.1	130.3
166	121.9	80.2	148.9

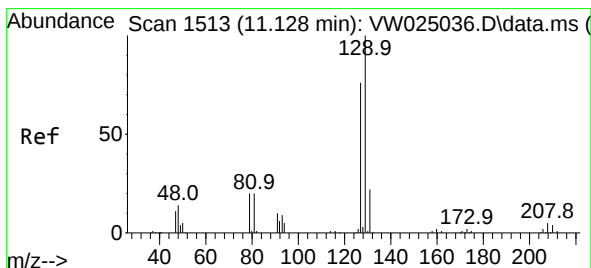
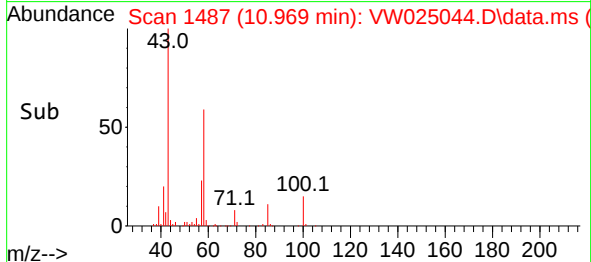
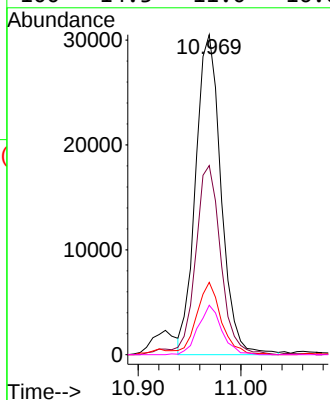
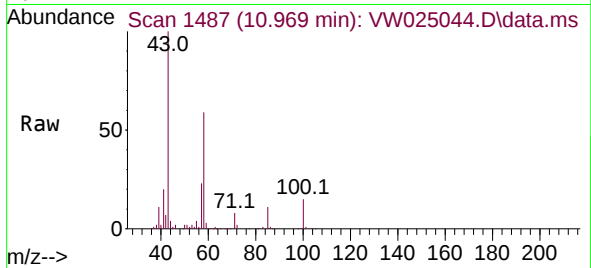




#48
2-Hexanone
Concen: 37.127 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

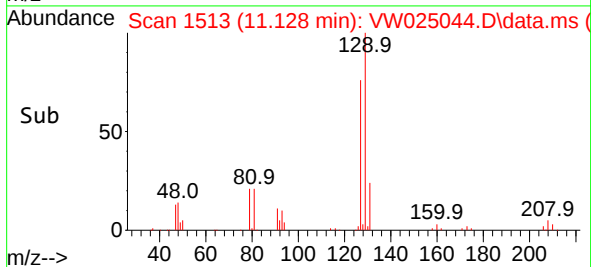
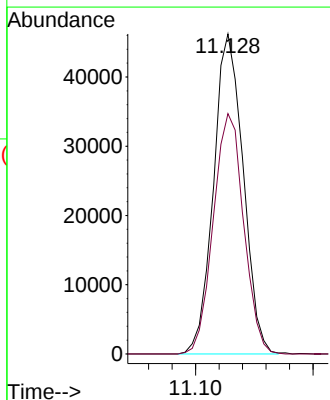
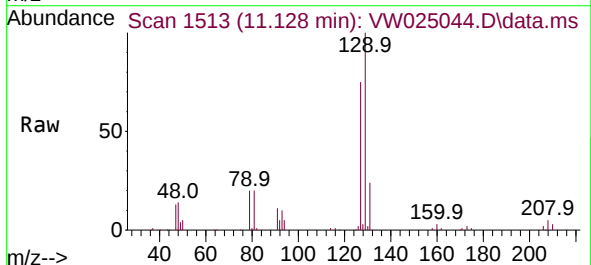
Instrument :
MSVOA_W
ClientSampleId :
VSTD025495

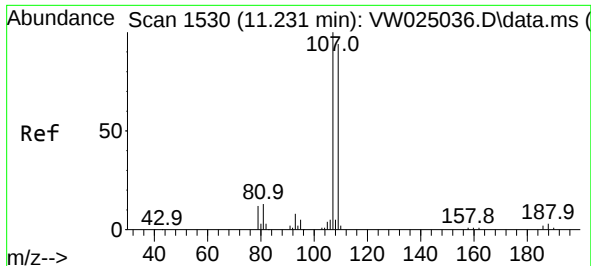
Tgt Ion: 43	Resp: 52674
Ion Ratio	Lower Upper
43 100	
58 57.9	46.1 69.1
57 21.8	16.2 24.2
100 14.3	11.0 16.6



#49
Dibromochloromethane
Concen: 25.165 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

Tgt Ion:129	Resp:	80968	
Ion	Ratio	Lower	Upper
129	100		
127	75.1	53.2	98.8



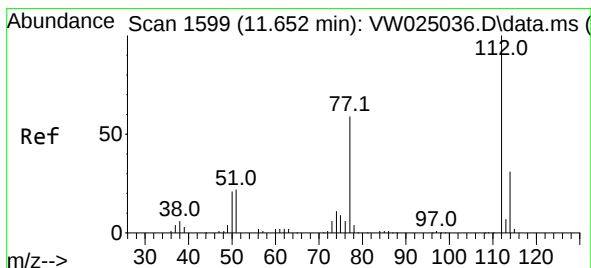
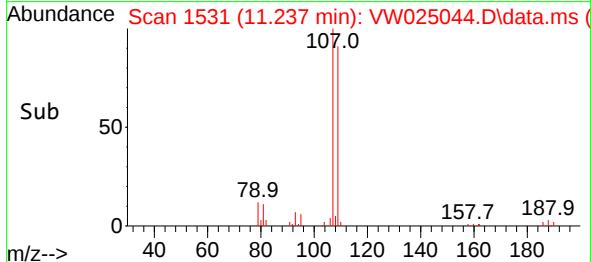
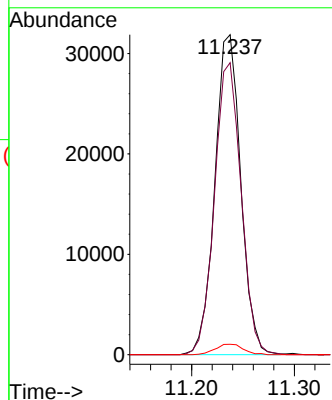
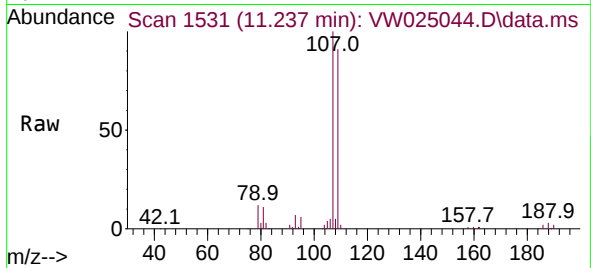


#50
1,2-Dibromoethane
Concen: 22.354 ug/L
RT: 11.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD025495

Tgt Ion:107 Resp: 55803

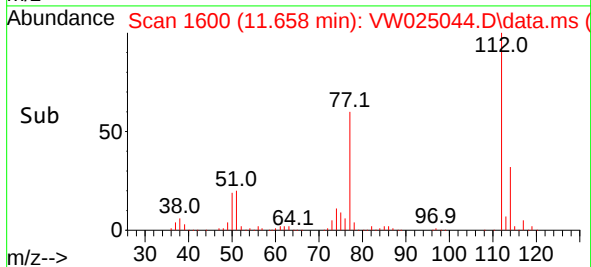
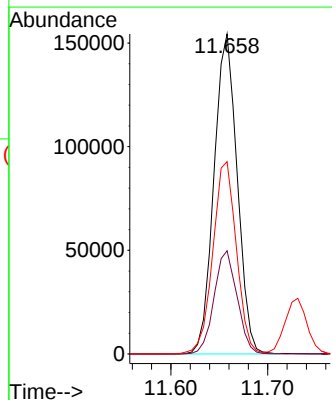
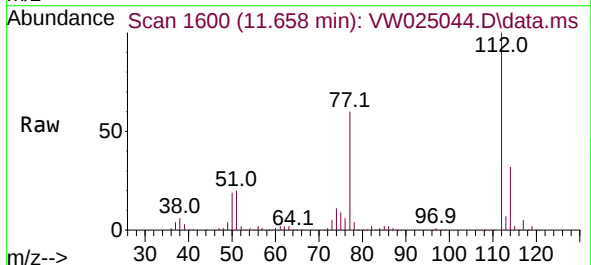
Ion	Ratio	Lower	Upper
107	100		
109	91.2	64.5	119.7
188	3.2	2.9	4.3

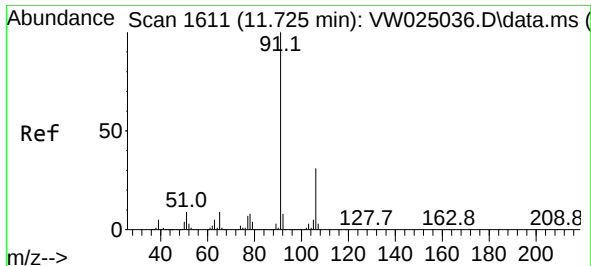


#51
Chlorobenzene
Concen: 25.972 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

Tgt Ion:112 Resp: 257431

Ion	Ratio	Lower	Upper
112	100		
114	32.3	20.8	38.6
77	60.1	48.2	72.2

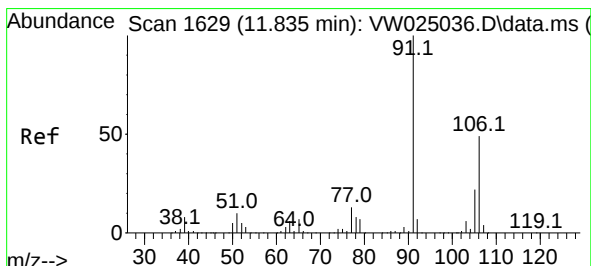
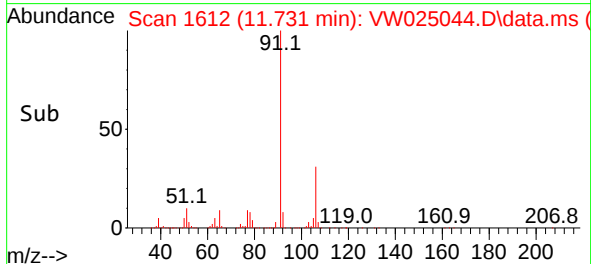
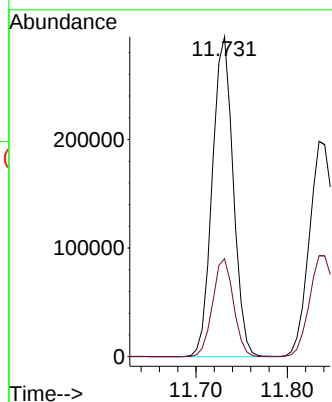
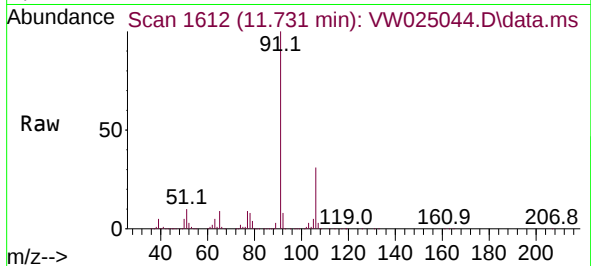




#52
Ethylbenzene
Concen: 26.490 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

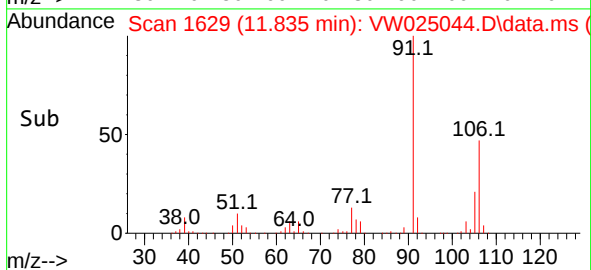
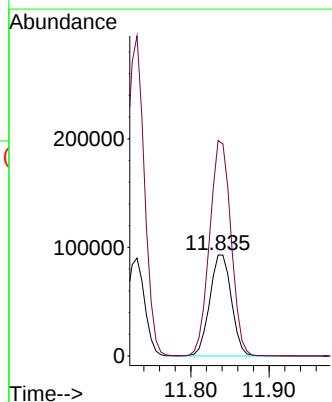
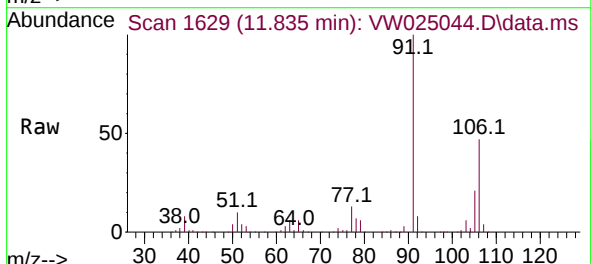
Instrument :
MSVOA_W
ClientSampleId :
VSTD025495

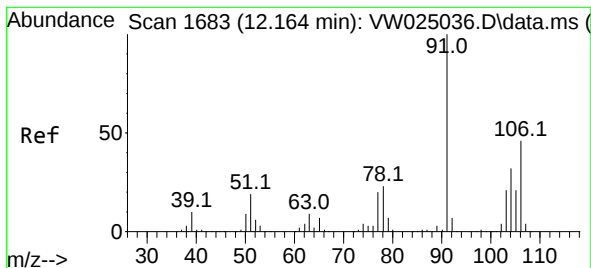
Tgt Ion: 91 Resp: 467580
Ion Ratio Lower Upper
91 100
106 30.6 22.3 41.5



#53
m,p-Xylene
Concen: 26.135 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

Tgt Ion:106 Resp: 178570
Ion Ratio Lower Upper
106 100
91 213.5 143.9 267.2





#54

o-Xylene

Concen: 26.245 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025044.D

Acq: 14 Nov 2022 11:03

Instrument :

MSVOA_W

ClientSampleId :

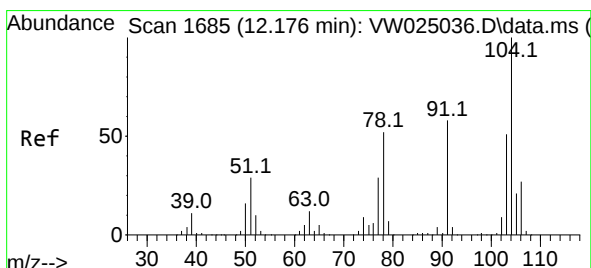
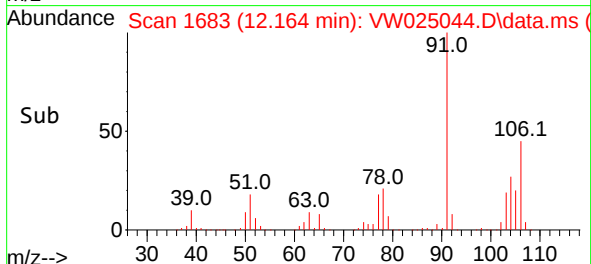
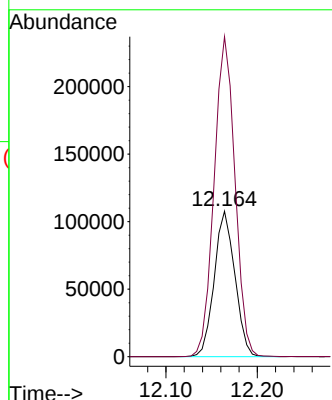
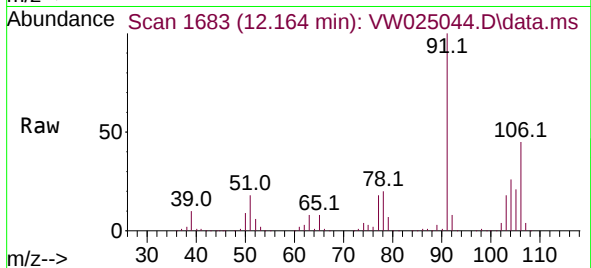
VSTD025495

Tgt Ion:106 Resp: 169173

Ion Ratio Lower Upper

106 100

91 220.0 153.5 285.1



#55

Styrene

Concen: 26.182 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW025044.D

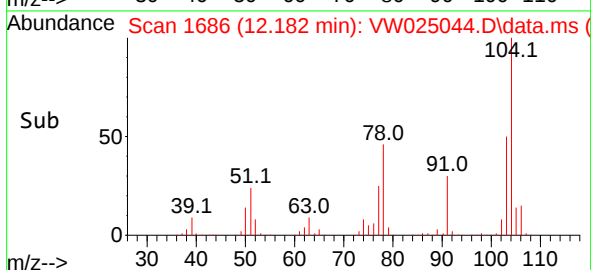
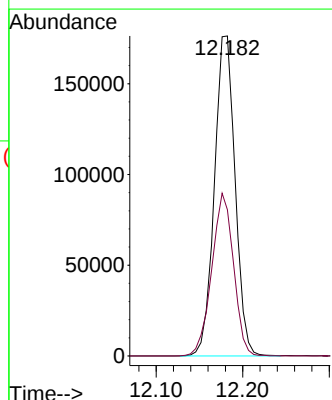
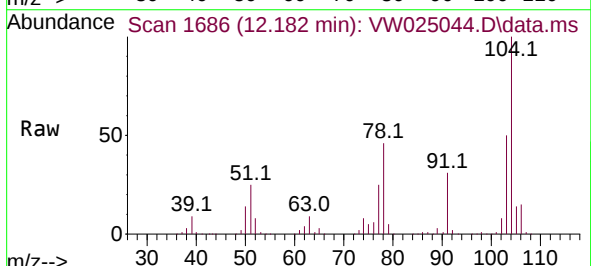
Acq: 14 Nov 2022 11:03

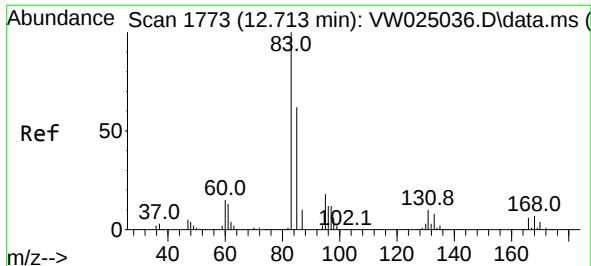
Tgt Ion:104 Resp: 293125

Ion Ratio Lower Upper

104 100

78 45.7 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 21.305 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025044.D

Acq: 14 Nov 2022 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025495

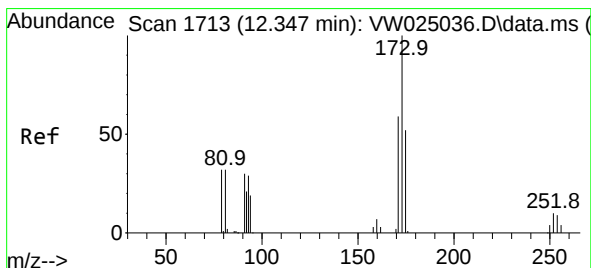
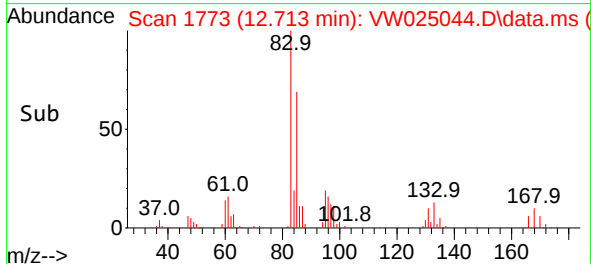
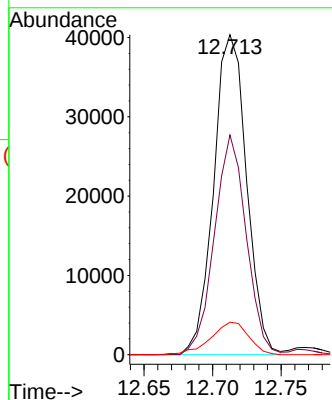
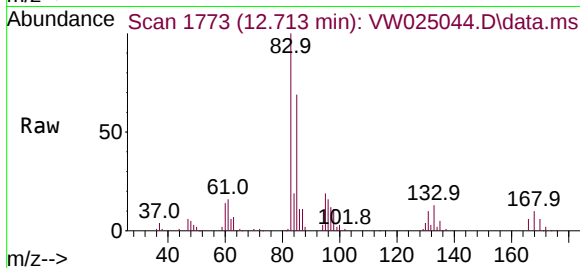
Tgt Ion: 83 Resp: 67460

Ion Ratio Lower Upper

83 100

85 68.6 46.4 86.2

131 10.2 8.2 12.4



#59

Bromoform

Concen: 24.361 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW025044.D

Acq: 14 Nov 2022 11:03

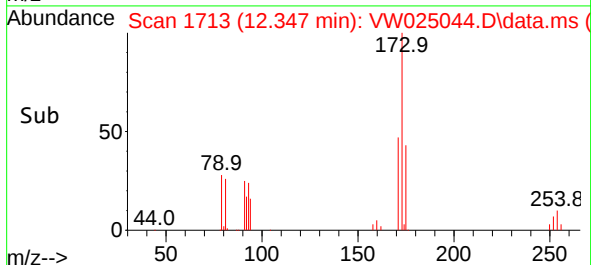
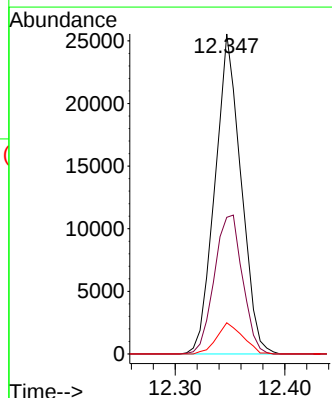
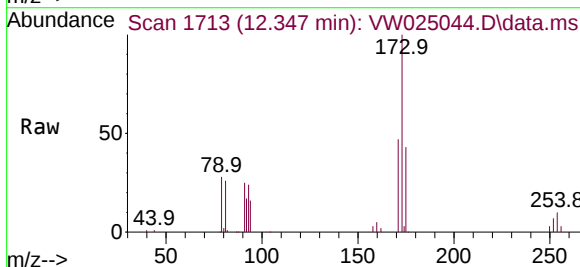
Tgt Ion: 173 Resp: 42094

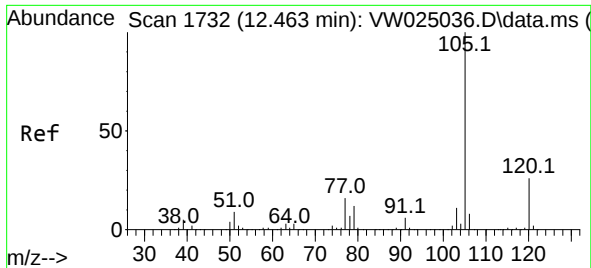
Ion Ratio Lower Upper

173 100

175 47.1 37.4 56.2

254 9.7 5.8 8.8#

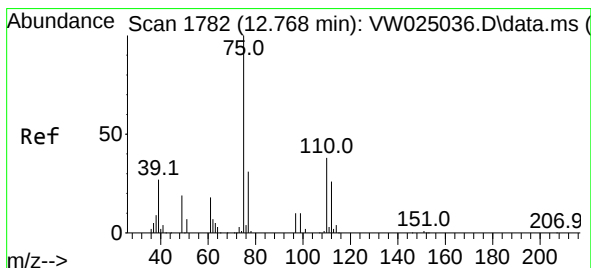
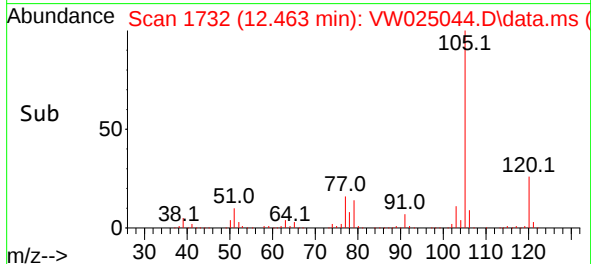
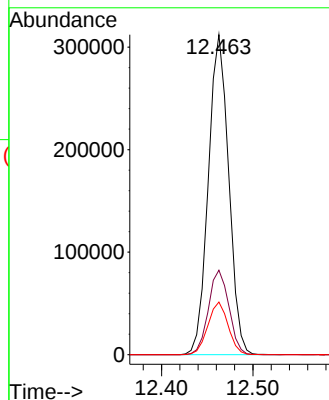
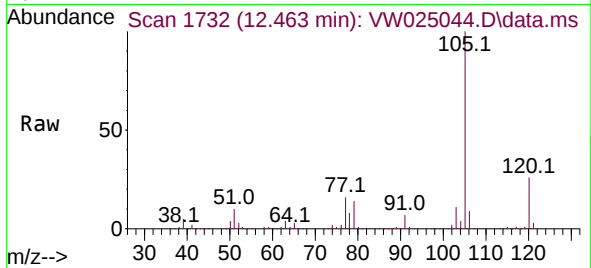




#60
Isopropylbenzene
Concen: 26.272 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

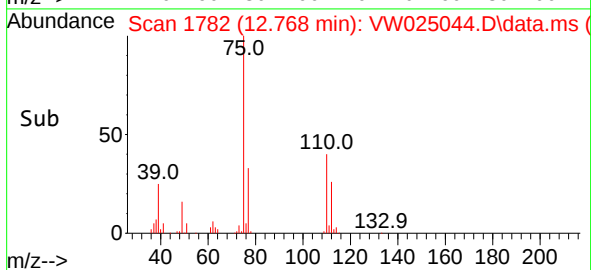
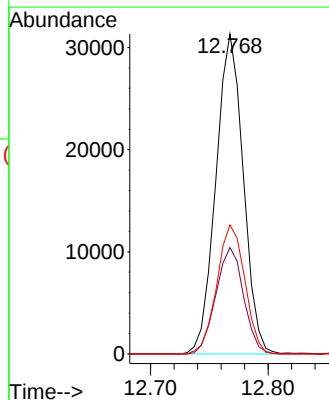
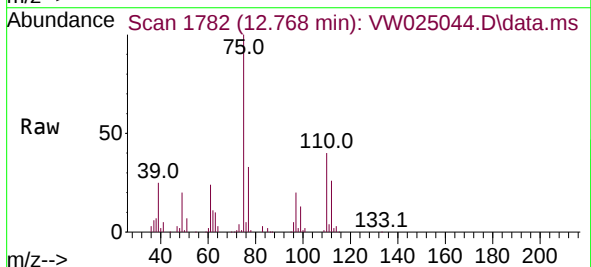
Instrument :
MSVOA_W
ClientSampleId :
VSTD025495

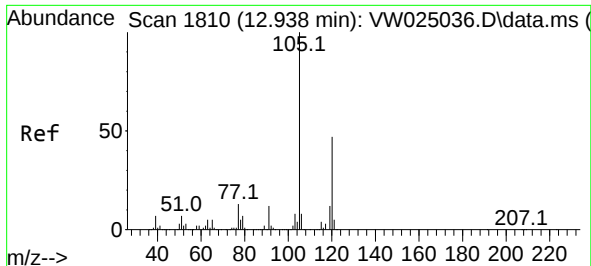
Tgt Ion:105 Resp: 482537
Ion Ratio Lower Upper
105 100
120 26.6 20.8 31.2
77 16.4 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 20.680 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

Tgt Ion: 75 Resp: 50758
Ion Ratio Lower Upper
75 100
77 33.6 25.7 38.5
110 41.0 31.7 47.5

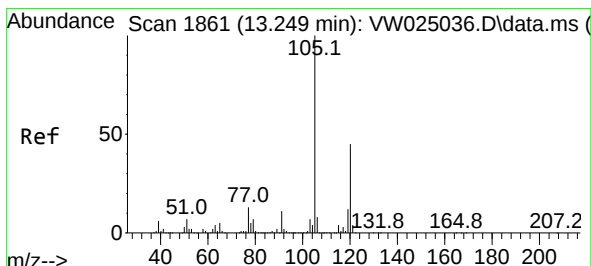
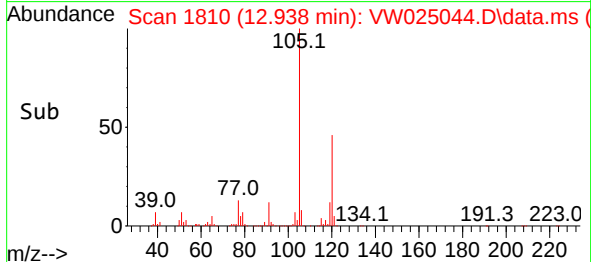
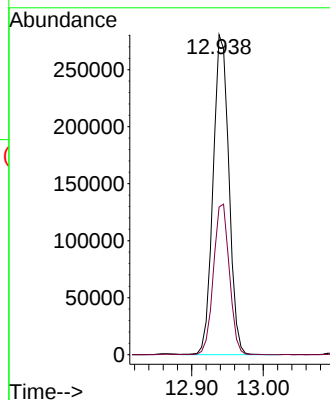
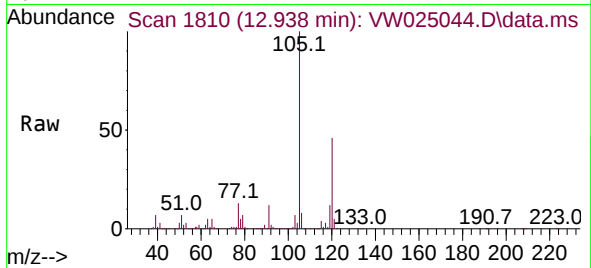




#62
1,3,5-Trimethylbenzene
Concen: 27.048 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

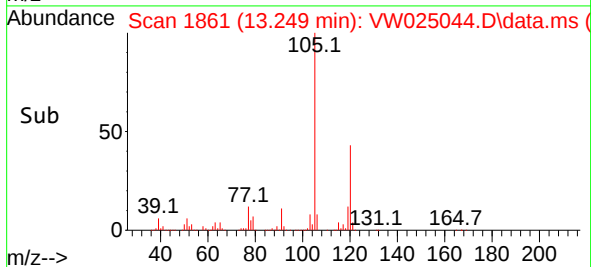
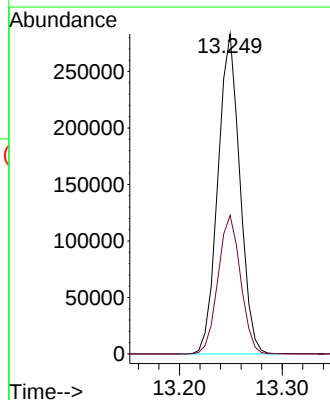
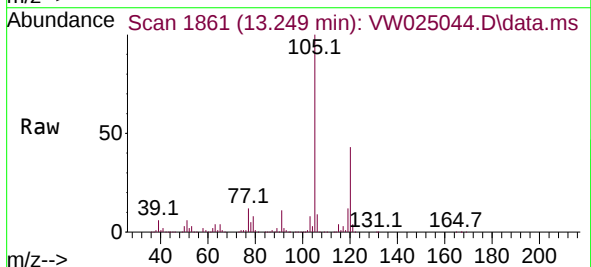
Instrument :
MSVOA_W
ClientSampleId :
VSTD025495

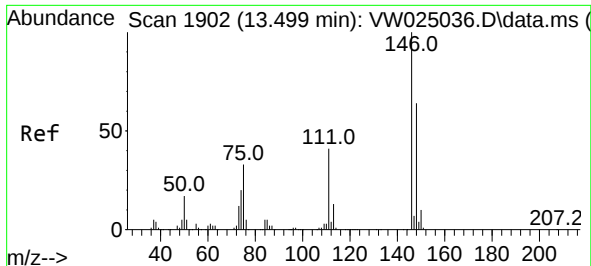
Tgt Ion:105 Resp: 431260
Ion Ratio Lower Upper
105 100
120 47.2 37.6 56.4



#63
1,2,4-Trimethylbenzene
Concen: 26.817 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

Tgt Ion:105 Resp: 419267
Ion Ratio Lower Upper
105 100
120 44.4 35.7 53.5

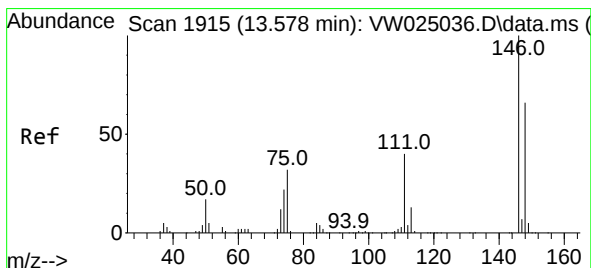
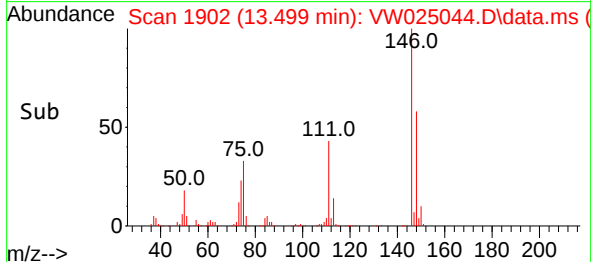
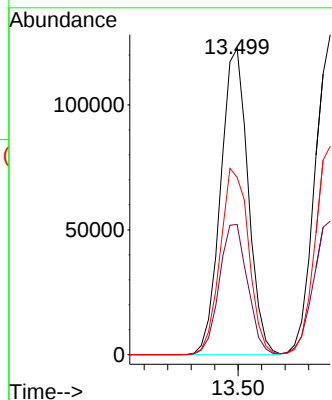
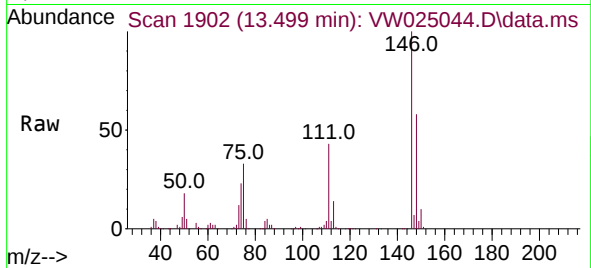




#64
1,3-Dichlorobenzene
Concen: 25.971 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

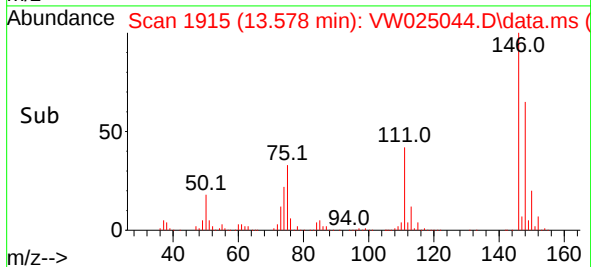
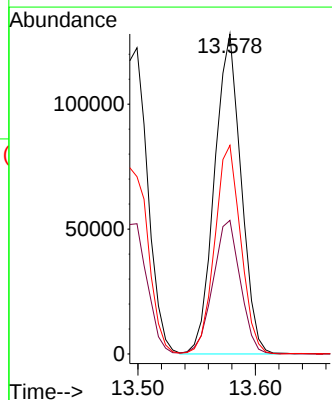
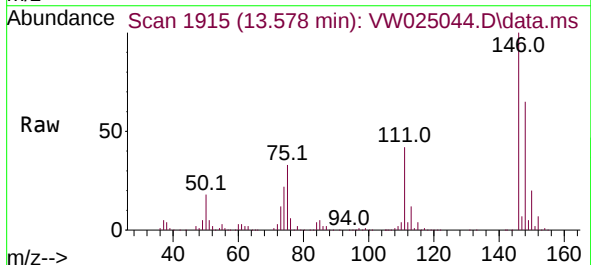
Instrument :
MSVOA_W
ClientSampleId :
VSTD025495

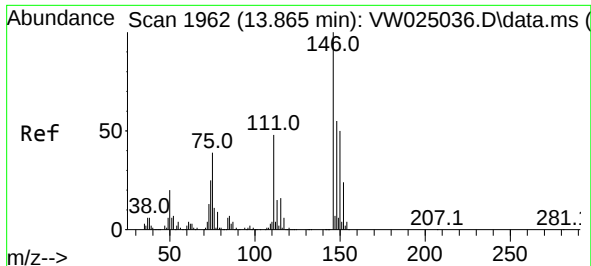
Tgt Ion:146 Resp: 198949
Ion Ratio Lower Upper
146 100
111 42.5 31.1 57.7
148 57.9 47.2 87.6



#65
1,4-Dichlorobenzene
Concen: 26.372 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW025044.D
Acq: 14 Nov 2022 11:03

Tgt Ion:146 Resp: 201580
Ion Ratio Lower Upper
146 100
111 41.8 28.8 53.6
148 65.2 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 26.421 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW025044.D

Acq: 14 Nov 2022 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025495

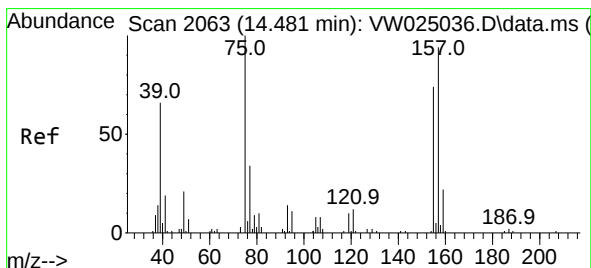
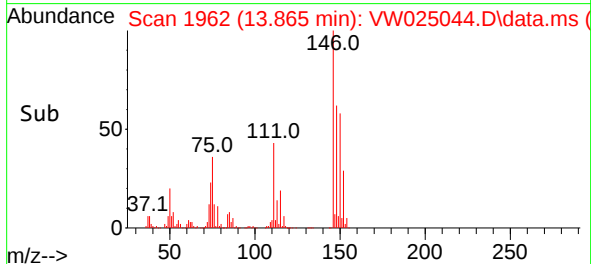
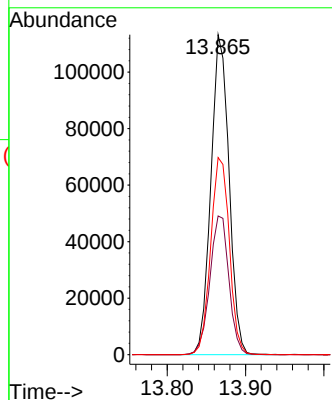
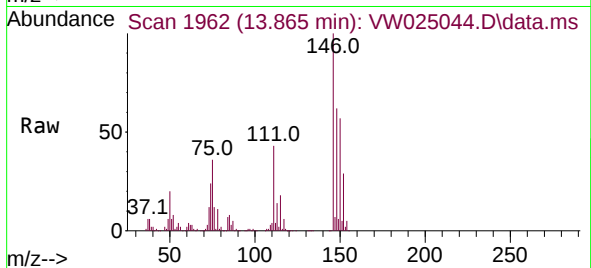
Tgt Ion:146 Resp: 181983

Ion Ratio Lower Upper

146 100

111 43.4 34.2 51.4

148 61.6 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 21.497 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025044.D

Acq: 14 Nov 2022 11:03

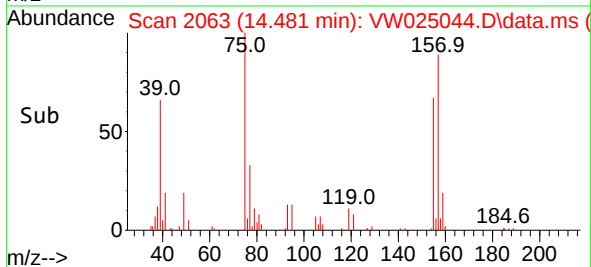
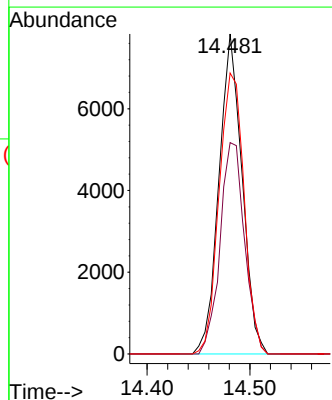
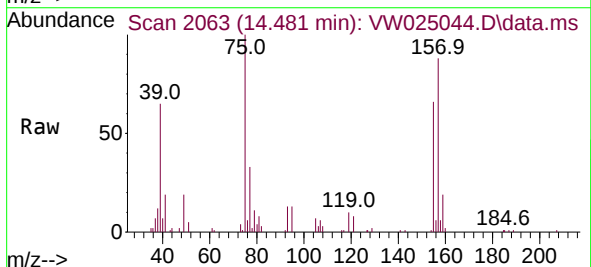
Tgt Ion: 75 Resp: 12193

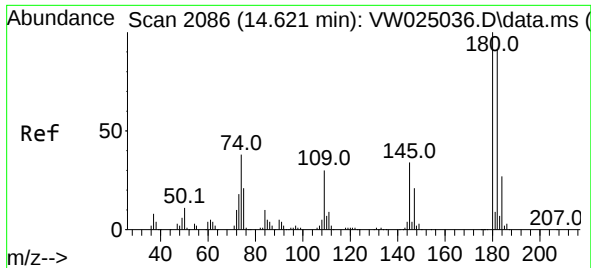
Ion Ratio Lower Upper

75 100

155 66.0 61.2 91.8

157 87.8 72.4 108.6

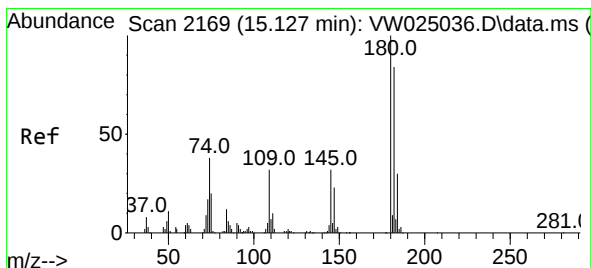
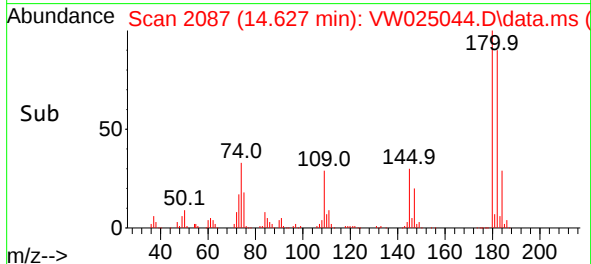
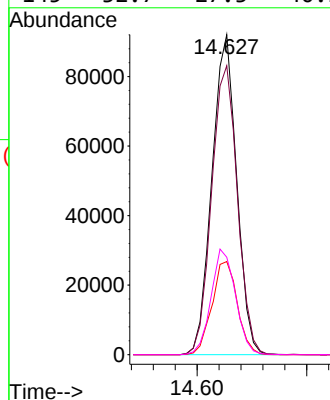
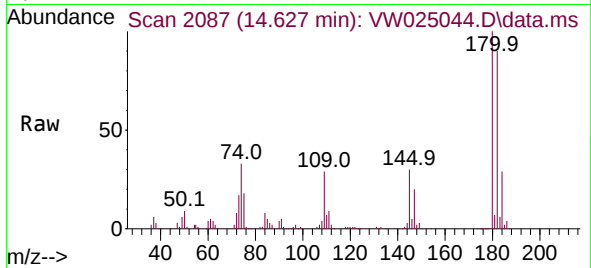




#69
 1,3,5-Trichlorobenzene
 Concen: 28.372 ug/L
 RT: 14.627 min Scan# 2086
 Delta R.T. 0.006 min
 Lab File: VW025044.D
 Acq: 14 Nov 2022 11:03

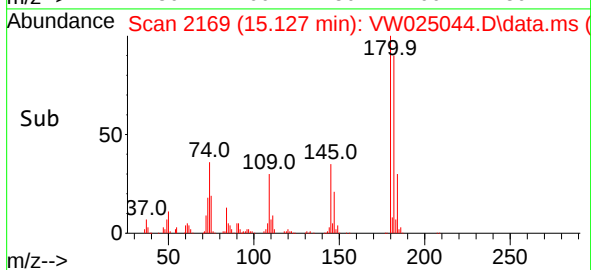
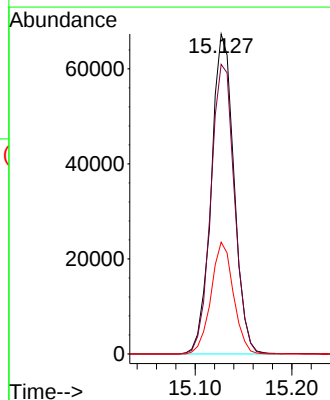
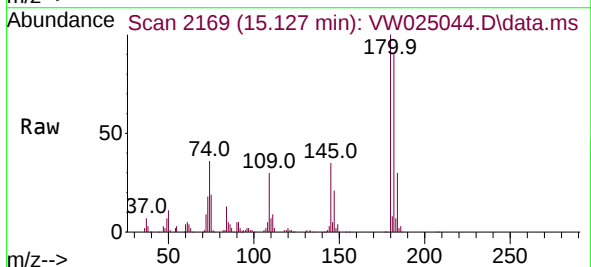
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025495

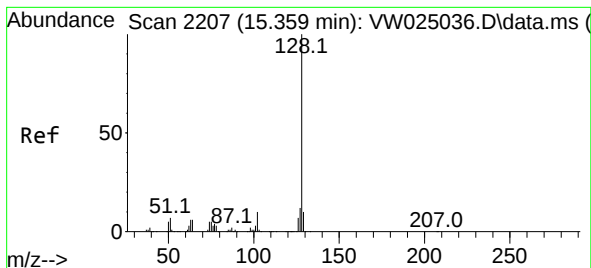
Tgt Ion:180	Resp:	143955
Ion Ratio	Lower	Upper
180	100	
182	94.2	75.7 113.5
184	29.9	23.4 35.2
145	32.7	27.3 40.9



#70
 1,2,4-trichlorobenzene
 Concen: 27.838 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW025044.D
 Acq: 14 Nov 2022 11:03

Tgt Ion:180	Resp:	109782
Ion Ratio	Lower	Upper
180	100	
182	93.9	74.9 112.3
145	34.4	27.0 40.4





#71

Naphthalene

Concen: 22.938 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW025044.D

Acq: 14 Nov 2022 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025495

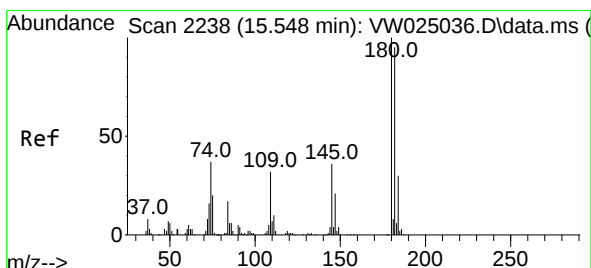
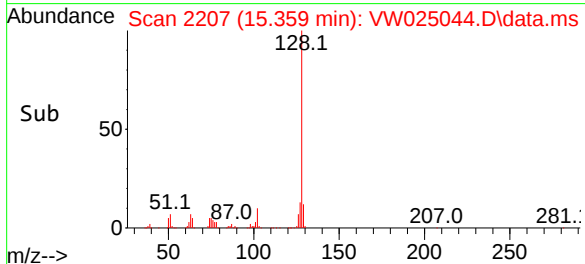
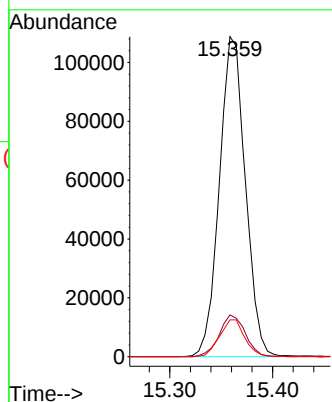
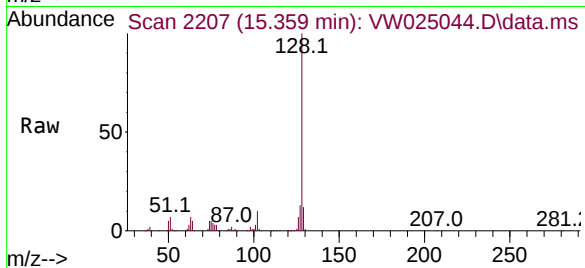
Tgt Ion:128 Resp: 190822

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.2 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 27.211 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW025044.D

Acq: 14 Nov 2022 11:03

Tgt Ion:180 Resp: 93500

Ion Ratio Lower Upper

180 100

182 90.9 74.1 111.1

145 34.3 28.2 42.2

