

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020923\
 Data File : VW025319.D
 Acq On : 09 Feb 2023 09:03
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025534

Quant Time: Feb 10 00:29:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 07 20:11:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	374462	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	326497	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	161345	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	84693	23.373	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.480%
7) Chloroethane-d5	2.898	69	74576	23.178	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.720%
11) 1,1-Dichloroethene-d2	4.026	63	236930	23.580	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.320%
21) 2-Butanone-d5	7.080	46	41360	43.968	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.940%
24) Chloroform-d	7.647	84	238885	24.339	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.360%
26) 1,2-Dichloroethane-d4	8.305	65	115219	24.100	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	8.275	84	458545	23.172	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.680%
36) 1,2-Dichloropropane-d6	9.269	67	130557	22.549	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.200%
41) Toluene-d8	10.323	98	418005	23.631	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.520%
43) trans-1,3-Dichloroprop...	10.579	79	52940	24.470	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.880%
47) 2-Hexanone-d5	10.921	63	33616	51.783	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.560%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	89570	22.749	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	131049	23.411	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.020	85	108071	21.328	ug/L #	87
3) Chloromethane	2.227	50	124299	25.557	ug/L	98
5) Vinyl chloride	2.374	62	143347	28.939	ug/L	95
6) Bromomethane	2.794	94	88997	26.240	ug/L	98
8) Chloroethane	2.934	64	83111	26.877	ug/L	97
9) Trichlorofluoromethane	3.270	101	169871	23.841	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	148721	28.786	ug/L	96
12) 1,1-Dichloroethene	4.038	96	138738	27.052	ug/L	94
13) Acetone	4.129	43	52584	50.697	ug/L	99
14) Carbon disulfide	4.385	76	439687	26.234	ug/L	100
15) Methyl Acetate	4.672	43	42085	23.712	ug/L	99
16) Methylene chloride	4.910	84	141218	22.154	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	145693	26.452	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	187317	23.658	ug/L	100
19) 1,1-Dichloroethane	6.220	63	264757	26.996	ug/L	99
20) cis-1,2-Dichloroethene	7.172	96	156364	27.038	ug/L	100
22) 2-Butanone	7.172	43	60865	48.255	ug/L	99
23) Bromochloromethane	7.513	128	62900	26.406	ug/L	95
25) Chloroform	7.678	83	271881	26.951	ug/L	99

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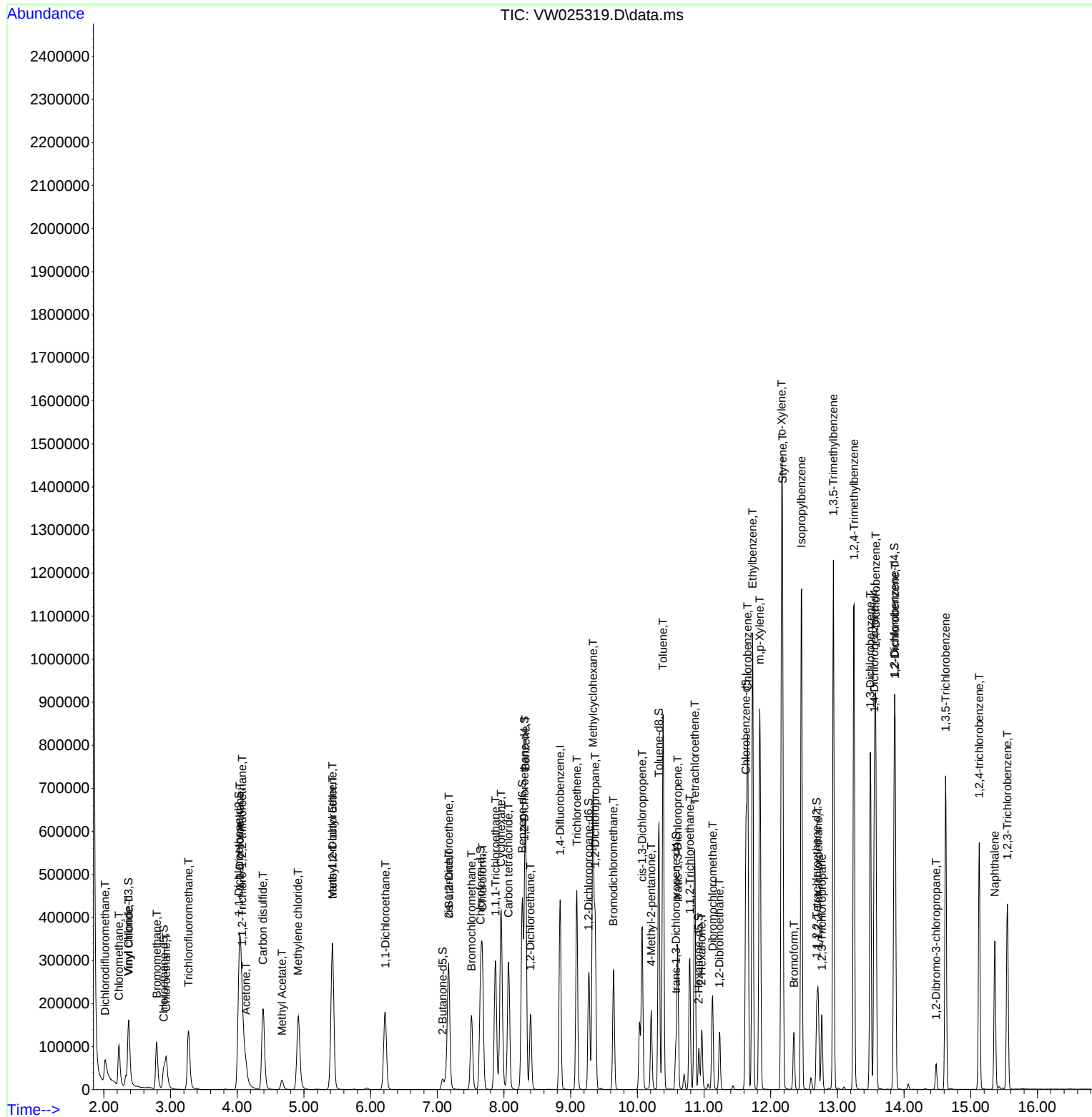
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	165947	27.009	ug/L	98
29) Cyclohexane	7.958	56	243735	25.922	ug/L	99
30) 1,1,1-Trichloroethane	7.873	97	248329	26.814	ug/L	100
31) Carbon tetrachloride	8.068	117	233336	27.240	ug/L	98
33) Benzene	8.324	78	593658	26.275	ug/L	100
34) Trichloroethene	9.092	95	166613	26.326	ug/L	94
35) Methylcyclohexane	9.336	83	286693	25.378	ug/L	99
37) 1,2-Dichloropropane	9.366	63	144371	25.908	ug/L	100
38) Bromodichloromethane	9.641	83	190612	25.725	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	229372	25.139	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	113653	46.192	ug/L	98
42) Toluene	10.384	91	646859	28.790	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	183938	28.281	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	96434	27.458	ug/L	91
46) Tetrachloroethene	10.860	164	121611	30.068	ug/L	95
48) 2-Hexanone	10.964	43	83317	53.638	ug/L	99
49) Dibromochloromethane	11.128	129	115879	29.213	ug/L	98
50) 1,2-Dibromoethane	11.232	107	88199	27.415	ug/L	96
51) Chlorobenzene	11.652	112	407004	27.525	ug/L	99
52) Ethylbenzene	11.726	91	756193	28.090	ug/L	99
53) m,p-Xylene	11.835	106	288982	28.324	ug/L	98
54) o-Xylene	12.165	106	267708	26.065	ug/L	91
55) Styrene	12.177	104	450264	25.892	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	102293	24.445	ug/L	97
59) Bromoform	12.347	173	61515	26.873	ug/L	98
60) Isopropylbenzene	12.457	105	778357	28.486	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	73537	25.634	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	637407	28.936	ug/L	97
63) 1,2,4-Trimethylbenzene	13.250	105	630667	28.573	ug/L	100
64) 1,3-Dichlorobenzene	13.494	146	313087	27.656	ug/L	98
65) 1,4-Dichlorobenzene	13.573	146	309119	27.671	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	268955	27.569	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	16307	24.338	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	212402	28.851	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	171370	28.587	ug/L	95
71) Naphthalene	15.359	128	286470	26.141	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	136038	26.430	ug/L	94

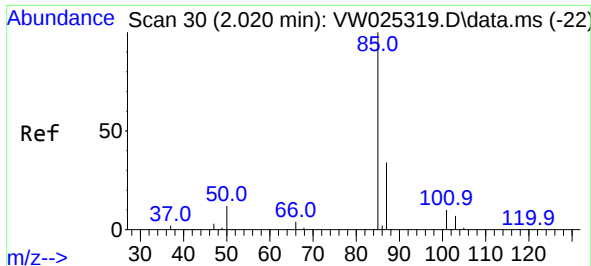
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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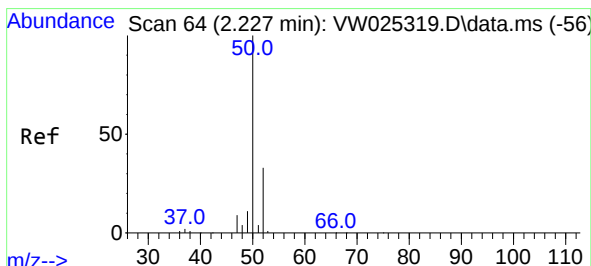
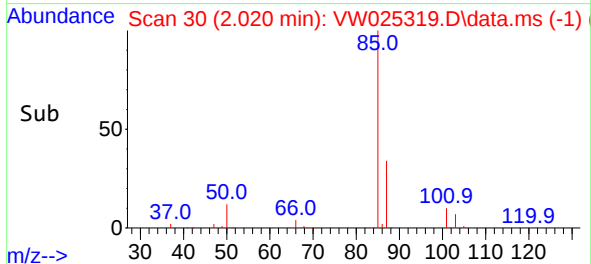
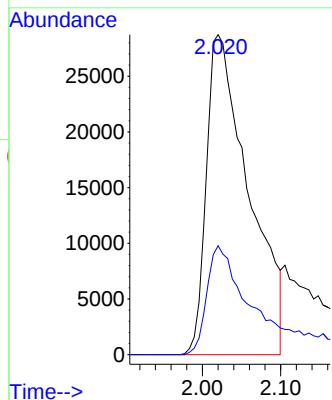
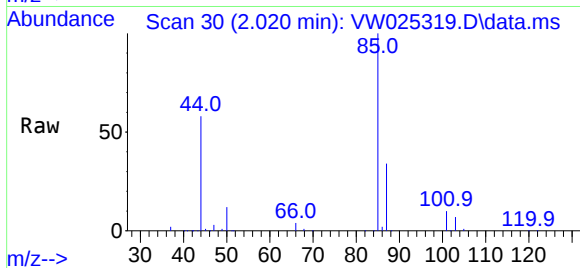




#2
Dichlorodifluoromethane
Concen: 21.328 ug/L
RT: 2.020 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

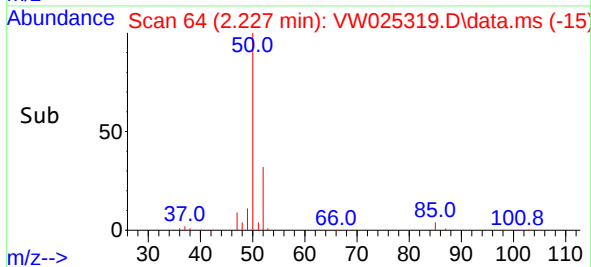
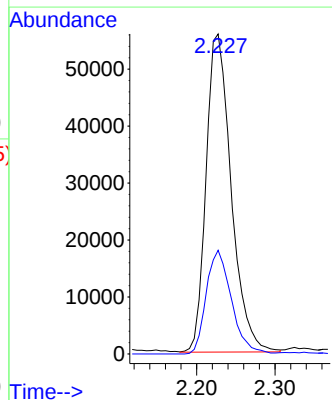
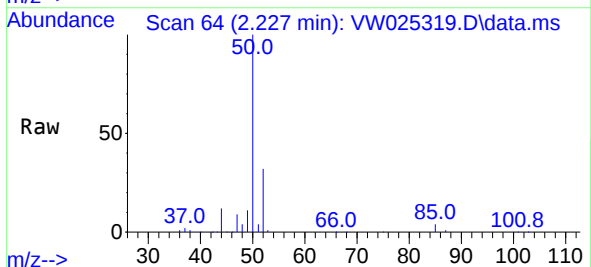
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MSVOA_W
ClientSampleId :
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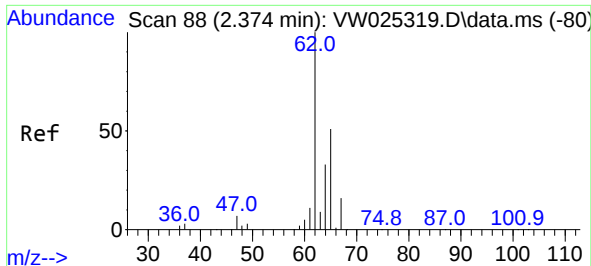
Tgt Ion: 85 Resp: 108071
Ion Ratio Lower Upper
85 100
87 35.8 23.3 34.9#



#3
Chloromethane
Concen: 25.557 ug/L
RT: 2.227 min Scan# 64
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

Tgt Ion: 50 Resp: 124299
Ion Ratio Lower Upper
50 100
52 32.4 22.0 40.8

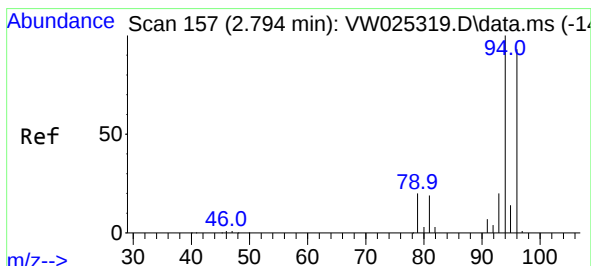
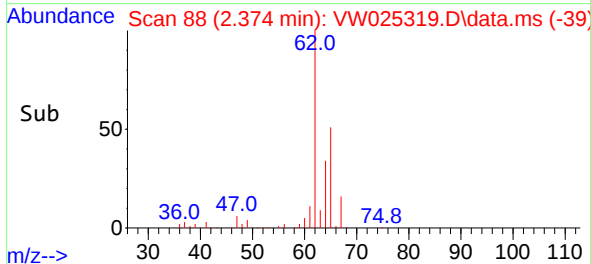
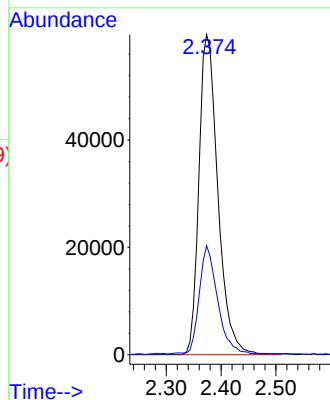
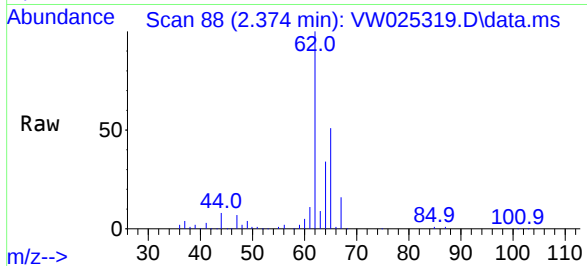




#5
 Vinyl chloride
 Concen: 28.939 ug/L
 RT: 2.374 min Scan# 88
 Delta R.T. 0.000 min
 Lab File: VW025319.D
 Acq: 09 Feb 2023 09:03

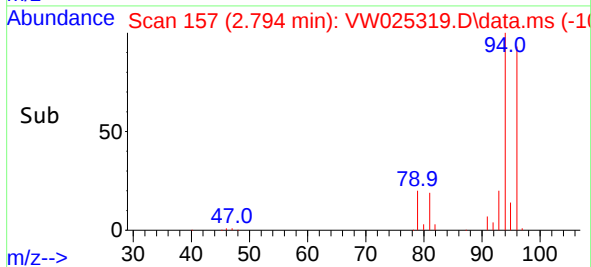
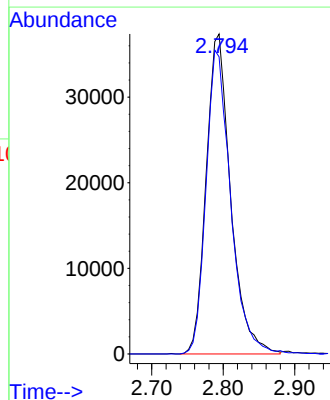
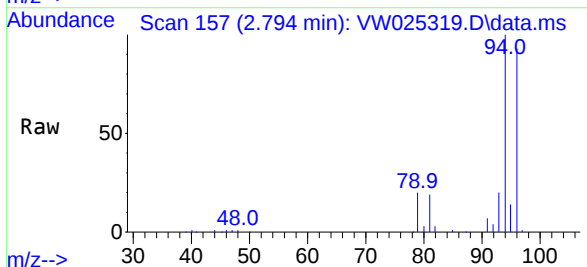
Instrument :
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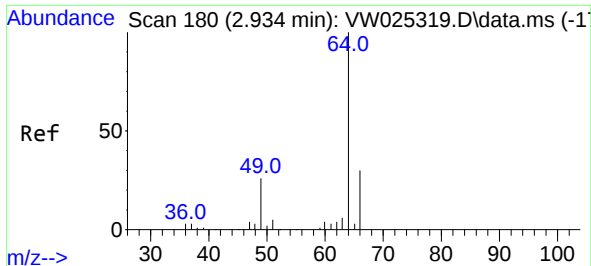
Tgt Ion: 62 Resp: 143347
 Ion Ratio Lower Upper
 62 100
 64 34.0 21.8 40.6



#6
 Bromomethane
 Concen: 26.240 ug/L
 RT: 2.794 min Scan# 157
 Delta R.T. 0.007 min
 Lab File: VW025319.D
 Acq: 09 Feb 2023 09:03

Tgt Ion: 94 Resp: 88997
 Ion Ratio Lower Upper
 94 100
 96 92.9 66.3 123.1

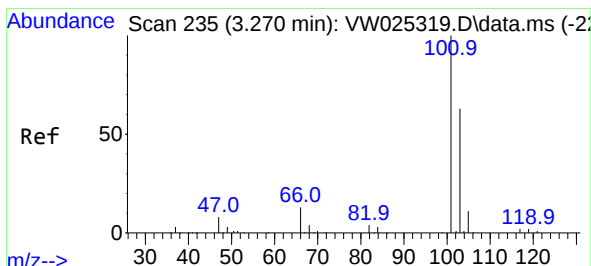
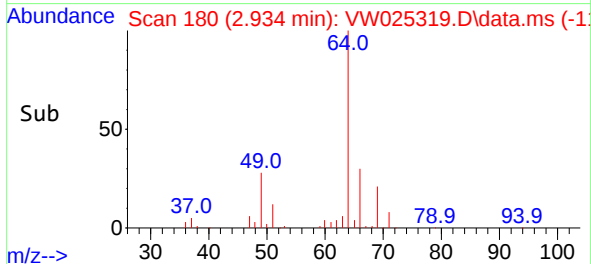
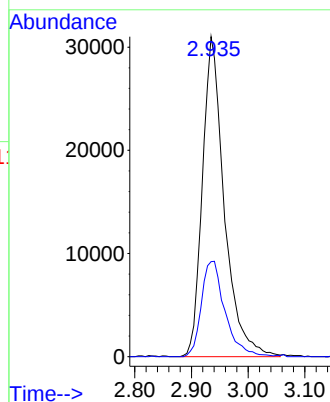
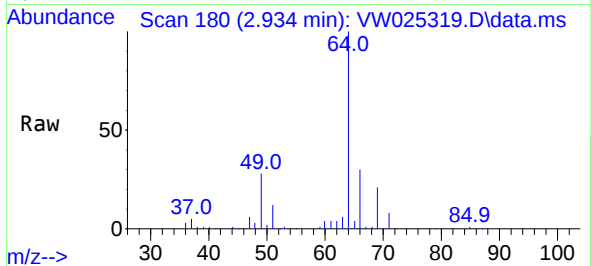




#8
Chloroethane
Concen: 26.877 ug/L
RT: 2.934 min Scan# 180
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

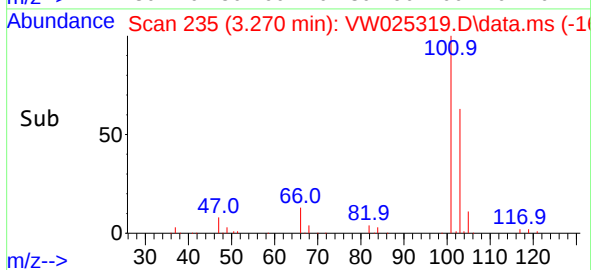
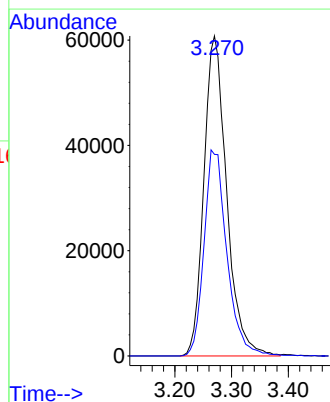
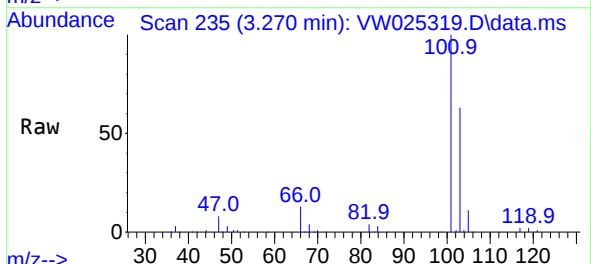
Instrument :
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ClientSampleId :
VSTD025534

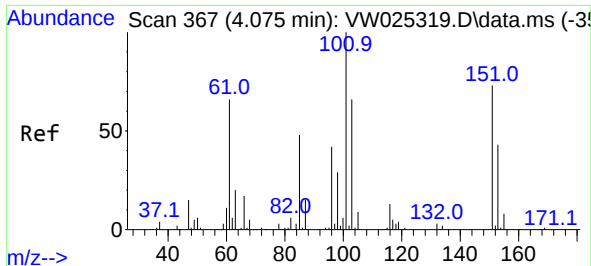
Tgt Ion: 64 Resp: 83111
Ion Ratio Lower Upper
64 100
66 29.7 21.9 40.7



#9
Trichlorofluoromethane
Concen: 23.841 ug/L
RT: 3.270 min Scan# 235
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

Tgt Ion: 101 Resp: 169871
Ion Ratio Lower Upper
101 100
103 64.8 52.4 78.6

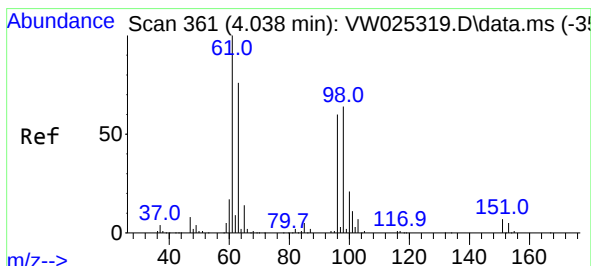
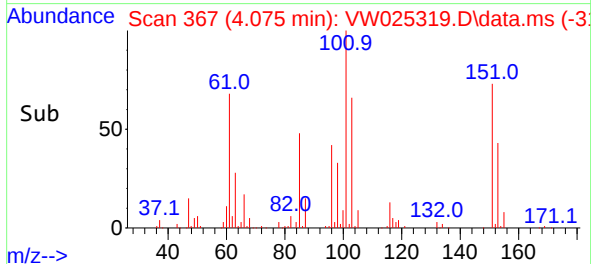
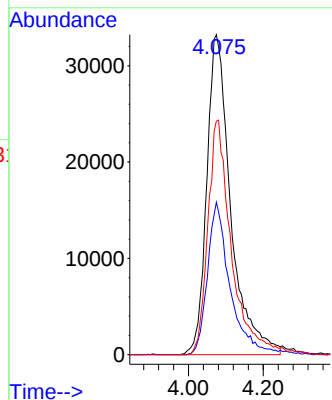
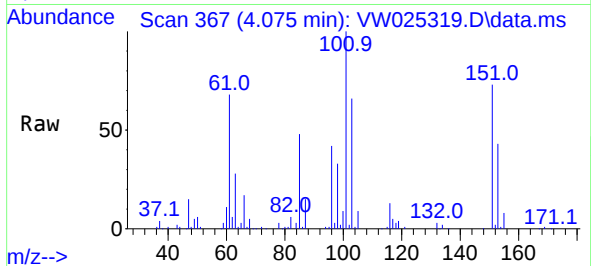




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 28.786 ug/L
RT: 4.075 min Scan# 367
Delta R.T. -0.006 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

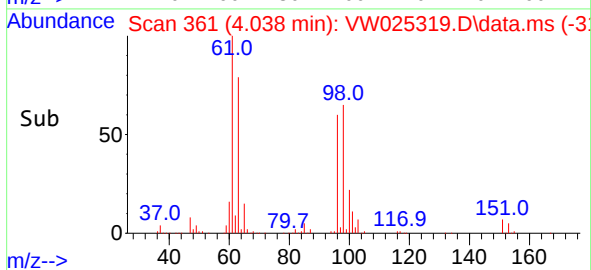
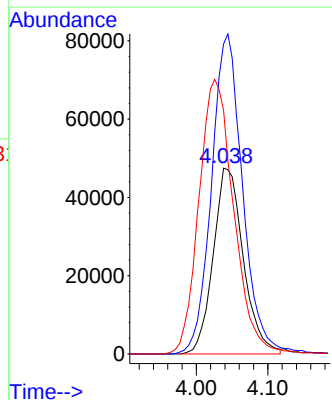
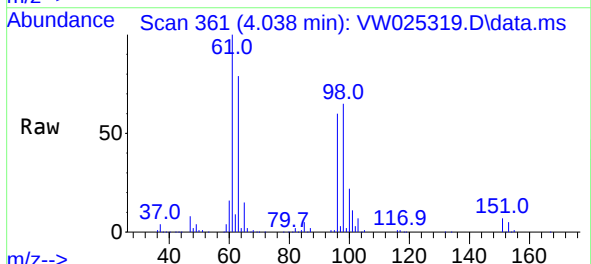
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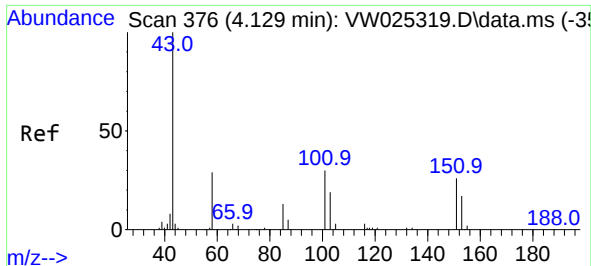
Tgt Ion:101 Resp: 148721
Ion Ratio Lower Upper
101 100
85 44.4 32.8 49.2
151 71.2 54.7 82.1



#12
1,1-Dichloroethene
Concen: 27.052 ug/L
RT: 4.038 min Scan# 361
Delta R.T. -0.006 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

Tgt Ion: 96 Resp: 138738
Ion Ratio Lower Upper
96 100
61 166.9 120.8 224.4
63 131.2 85.7 159.1

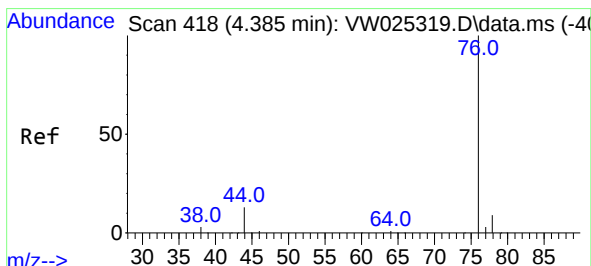
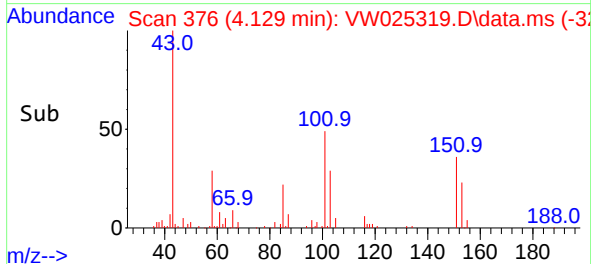
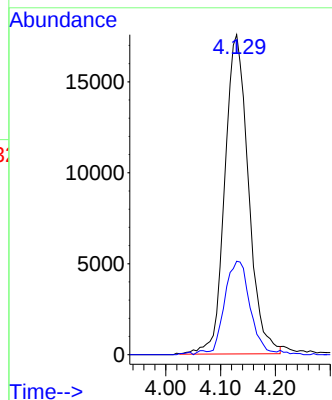
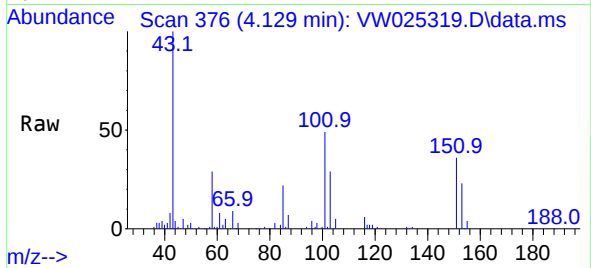




#13
Acetone
Concen: 50.697 ug/L
RT: 4.129 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW025319.D
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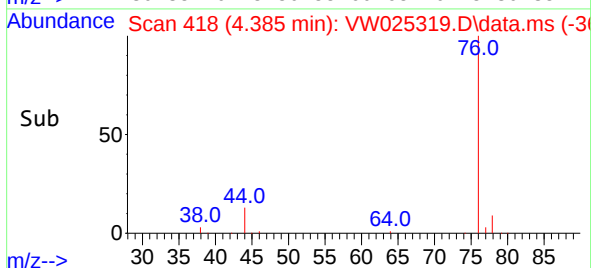
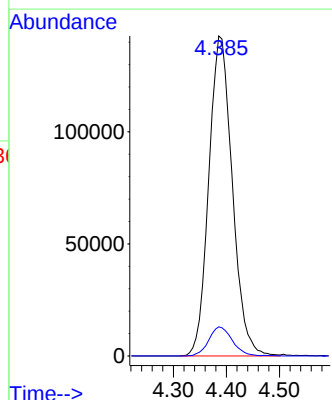
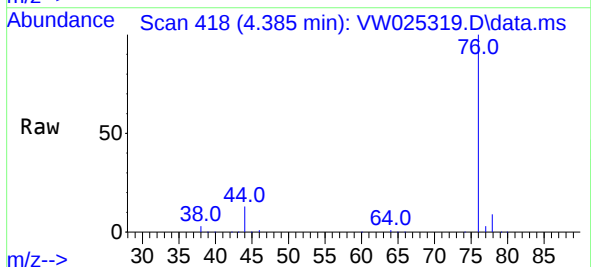
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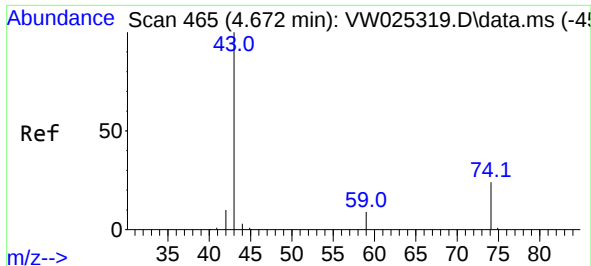
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Ion Ratio Lower Upper
43 100
58 31.1 0.0 63.0



#14
Carbon disulfide
Concen: 26.234 ug/L
RT: 4.385 min Scan# 418
Delta R.T. 0.000 min
Lab File: VW025319.D
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Tgt Ion: 76 Resp: 439687
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

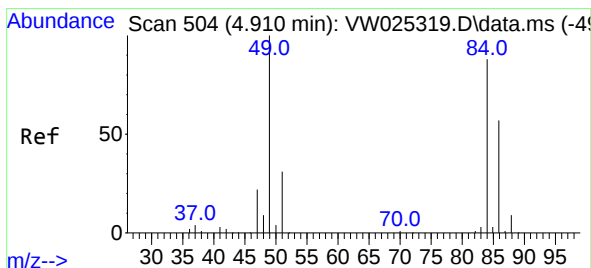
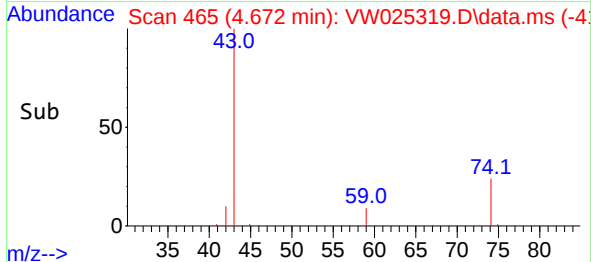
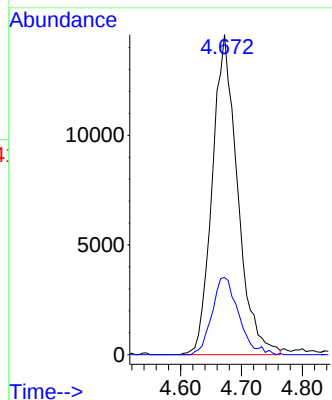
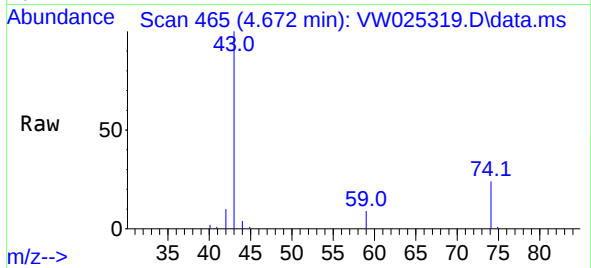




#15
Methyl Acetate
Concen: 23.712 ug/L
RT: 4.672 min Scan# 465
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

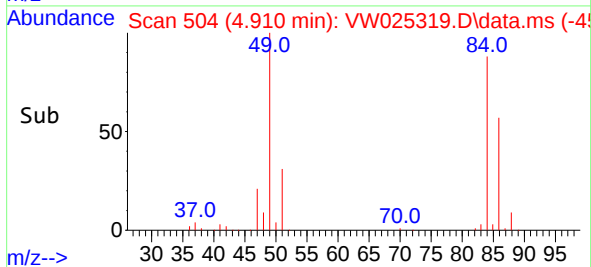
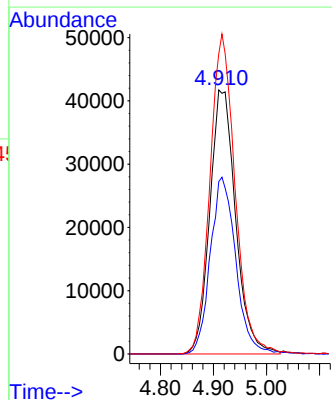
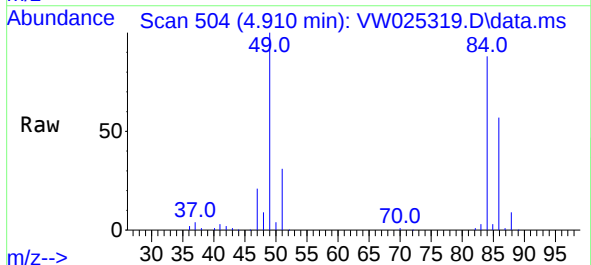
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

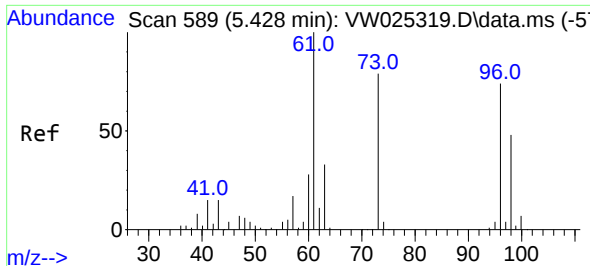
Tgt Ion: 43 Resp: 42085
Ion Ratio Lower Upper
43 100
74 24.7 20.2 30.2



#16
Methylene chloride
Concen: 22.154 ug/L
RT: 4.910 min Scan# 504
Delta R.T. -0.006 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

Tgt Ion: 84 Resp: 141218
Ion Ratio Lower Upper
84 100
86 65.2 47.2 87.6
49 113.6 86.5 160.7

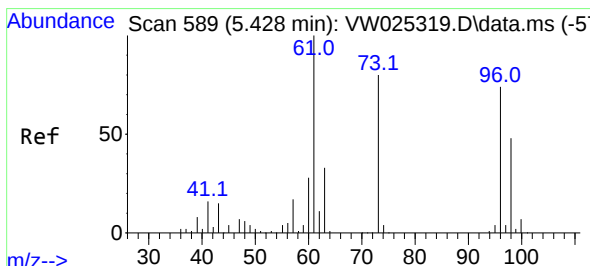
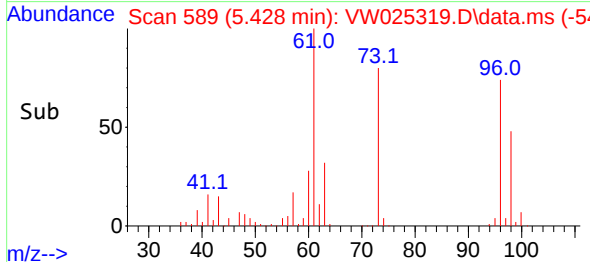
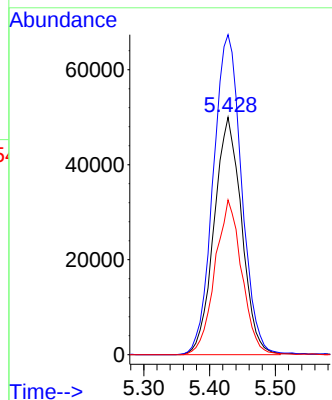
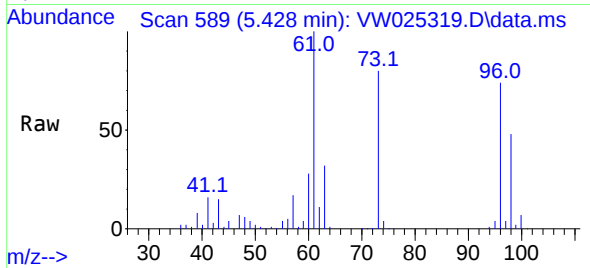




#17
trans-1,2-Dichloroethene
Concen: 26.452 ug/L
RT: 5.428 min Scan# 589
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

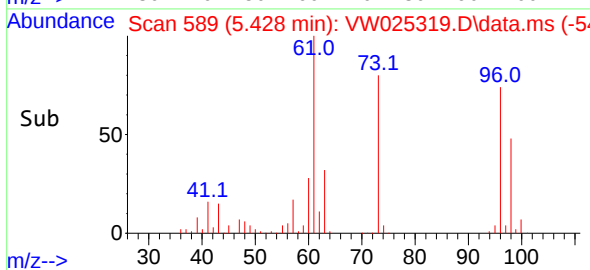
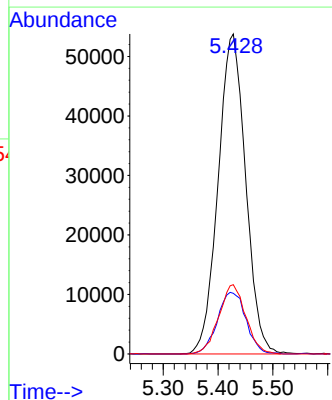
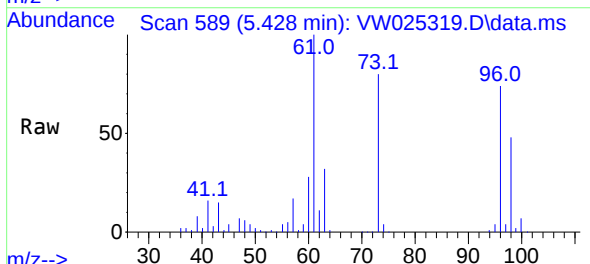
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

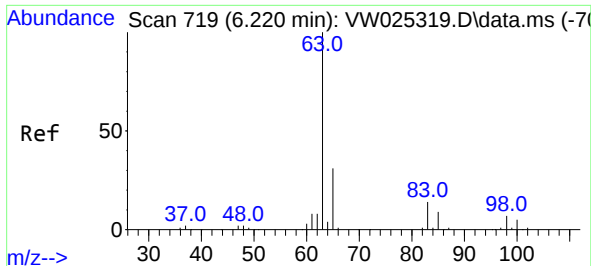
Tgt Ion: 96 Resp: 145693
Ion Ratio Lower Upper
96 100
61 134.7 98.4 182.8
98 65.2 43.5 80.9



#18
Methyl tert-butyl Ether
Concen: 23.658 ug/L
RT: 5.428 min Scan# 589
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

Tgt Ion: 73 Resp: 187317
Ion Ratio Lower Upper
73 100
43 20.0 15.8 23.6
57 21.3 17.0 25.4

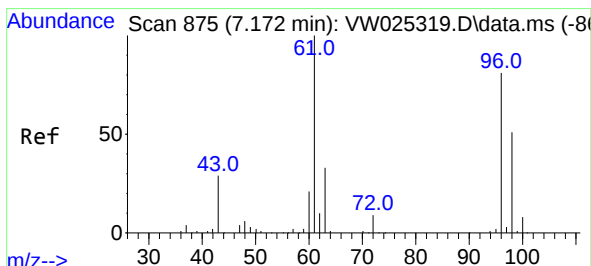
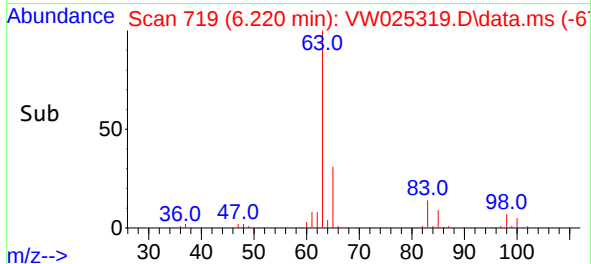
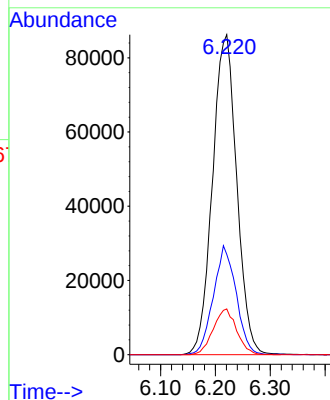
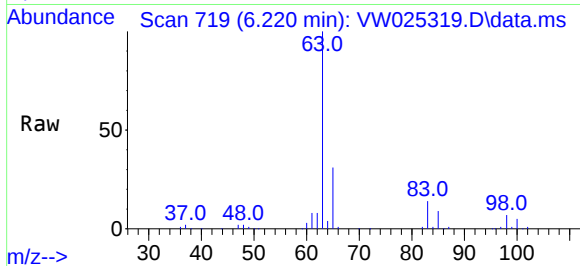




#19
1,1-Dichloroethane
Concen: 26.996 ug/L
RT: 6.220 min Scan# 719
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

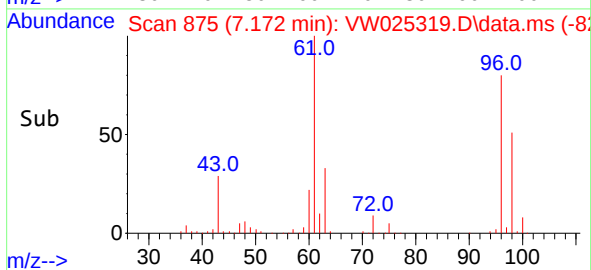
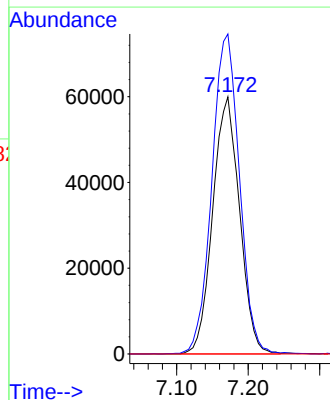
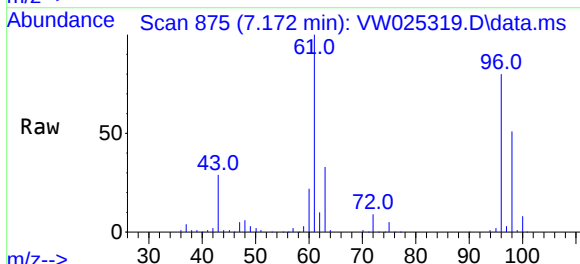
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

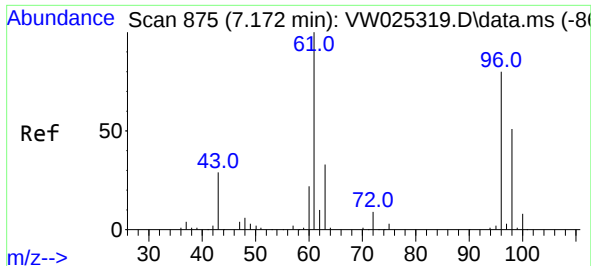
Tgt Ion: 63 Resp: 264757
Ion Ratio Lower Upper
63 100
65 31.3 22.0 41.0
83 14.3 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 27.038 ug/L
RT: 7.172 min Scan# 875
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

Tgt Ion: 96 Resp: 156364
Ion Ratio Lower Upper
96 100
61 124.5 87.2 162.0
68 0.0 0.0 0.0

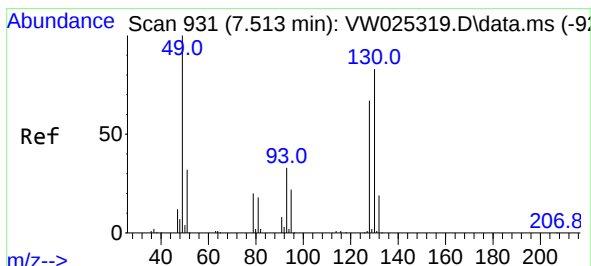
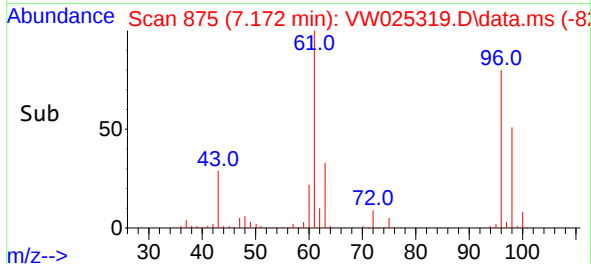
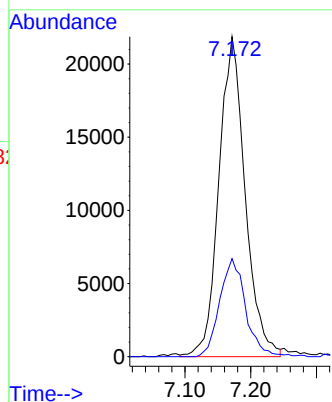
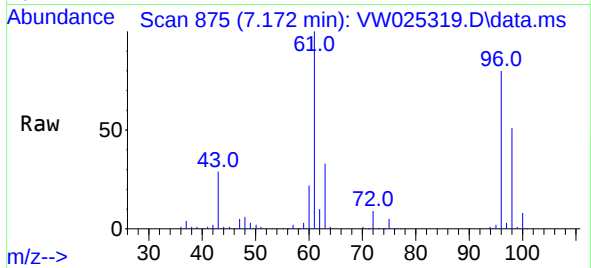




#22
2-Butanone
Concen: 48.255 ug/L
RT: 7.172 min Scan# 875
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

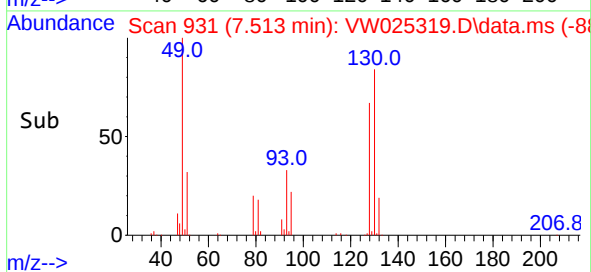
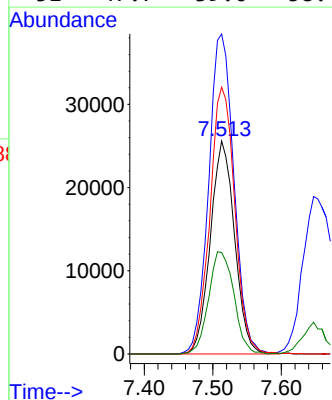
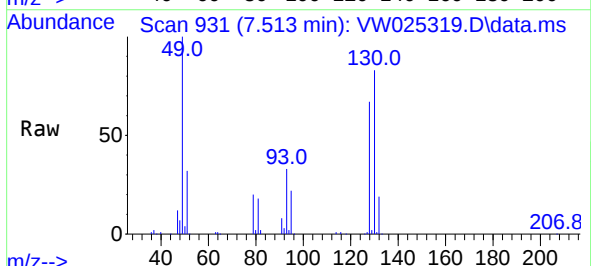
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

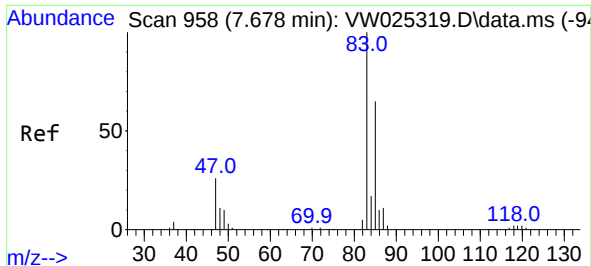
Tgt Ion: 43 Resp: 60865
Ion Ratio Lower Upper
43 100
72 30.1 15.2 45.6



#23
Bromochloromethane
Concen: 26.406 ug/L
RT: 7.513 min Scan# 931
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

Tgt Ion: 128 Resp: 62900
Ion Ratio Lower Upper
128 100
49 150.3 109.0 202.4
130 125.3 93.3 173.3
51 47.7 39.0 58.4

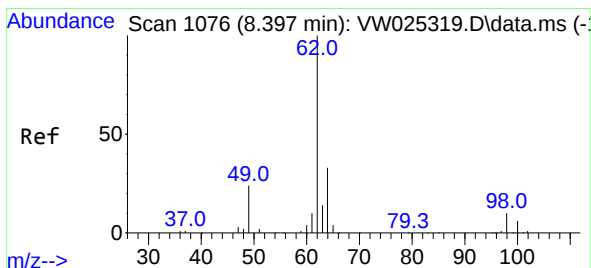
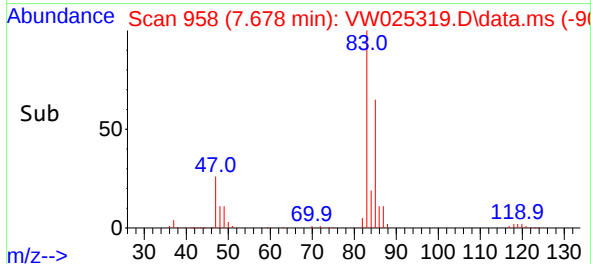
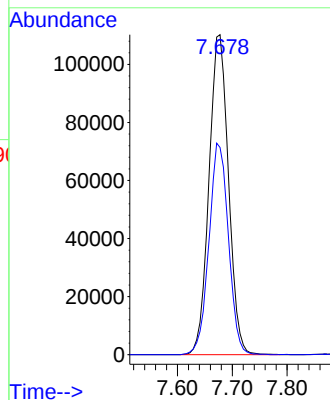
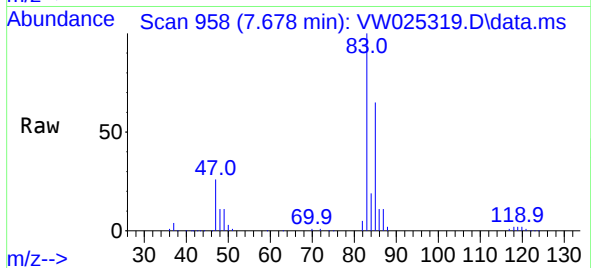




#25
Chloroform
Concen: 26.951 ug/L
RT: 7.678 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

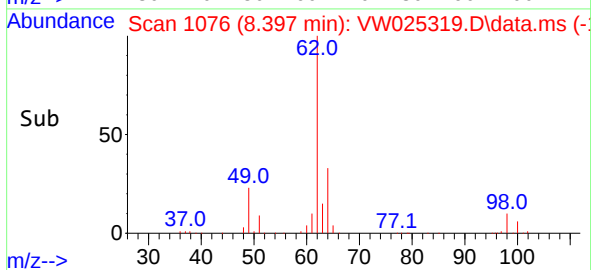
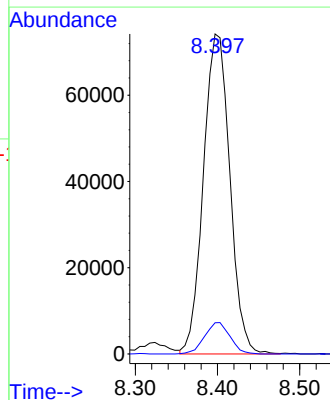
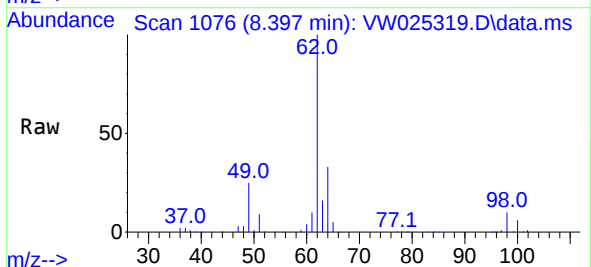
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

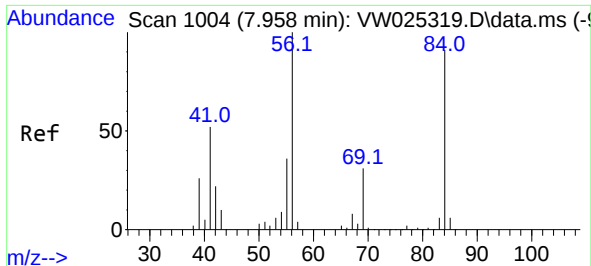
Tgt Ion: 83 Resp: 271881
Ion Ratio Lower Upper
83 100
85 64.8 45.8 85.0



#27
1,2-Dichloroethane
Concen: 27.009 ug/L
RT: 8.397 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

Tgt Ion: 62 Resp: 165947
Ion Ratio Lower Upper
62 100
98 9.8 7.4 11.0

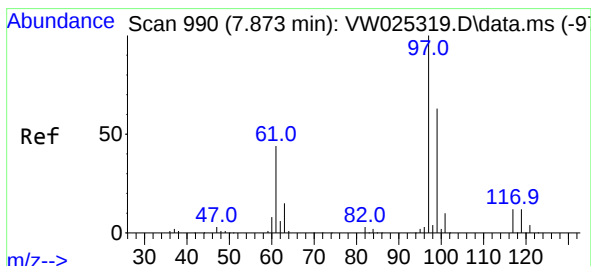
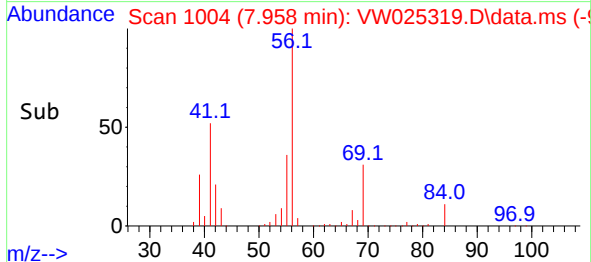
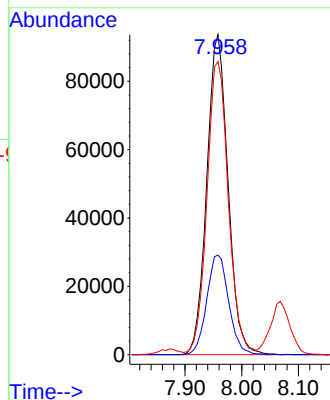
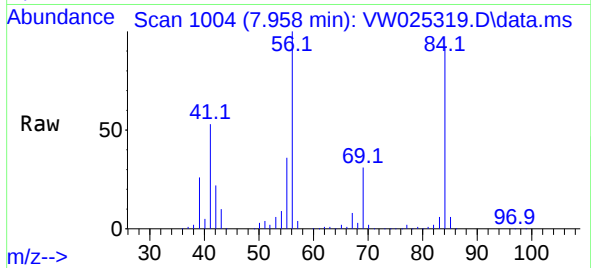




#29
Cyclohexane
Concen: 25.922 ug/L
RT: 7.958 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

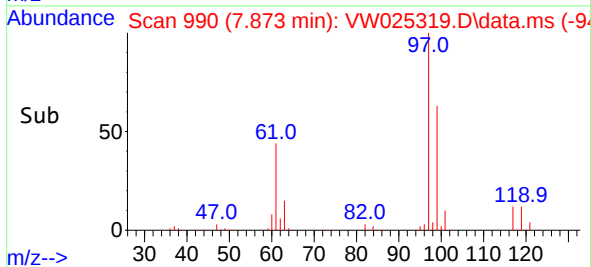
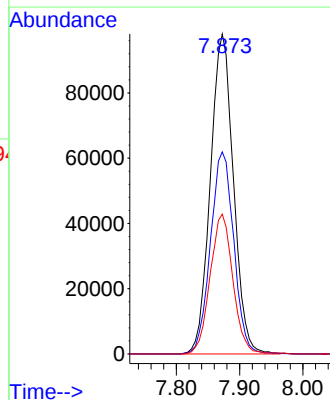
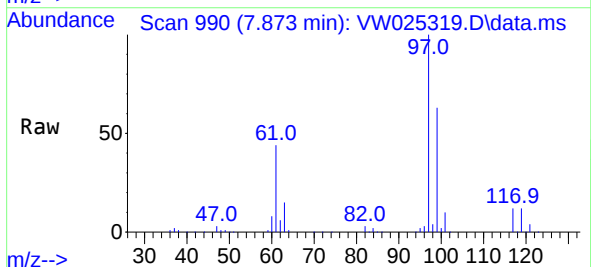
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

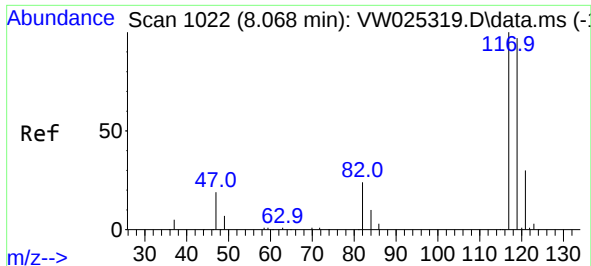
Tgt Ion: 56 Resp: 243735
Ion Ratio Lower Upper
56 100
69 32.2 25.1 37.7
84 92.4 73.2 109.8



#30
1,1,1-Trichloroethane
Concen: 26.814 ug/L
RT: 7.873 min Scan# 990
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

Tgt Ion: 97 Resp: 248329
Ion Ratio Lower Upper
97 100
99 63.9 51.2 76.8
61 43.1 35.0 52.6

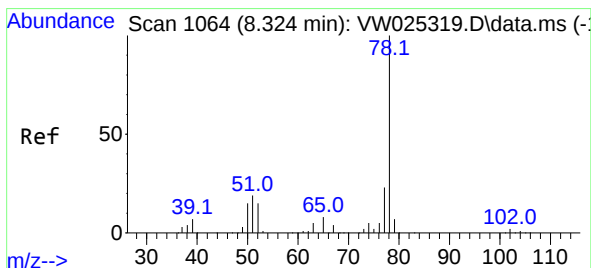
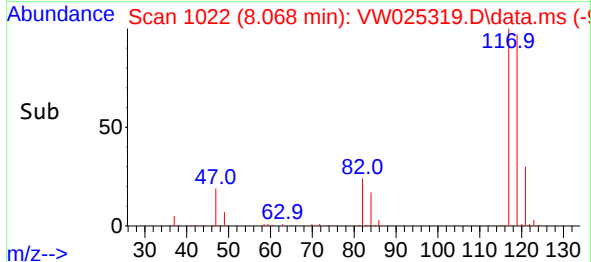
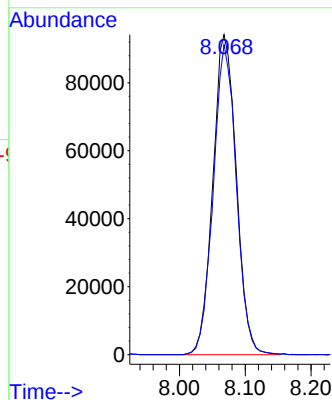
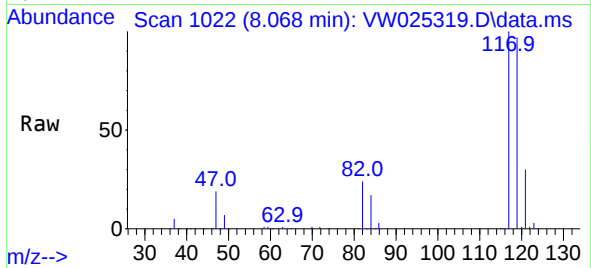




#31
Carbon tetrachloride
Concen: 27.240 ug/L
RT: 8.068 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

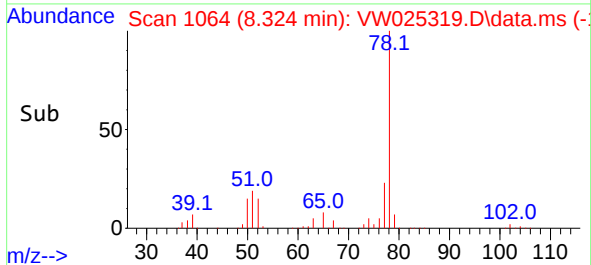
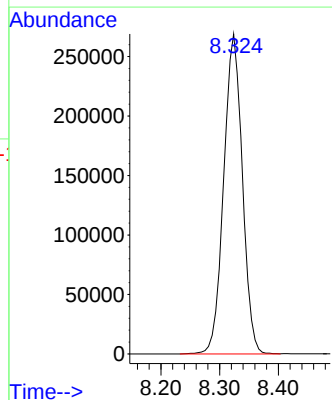
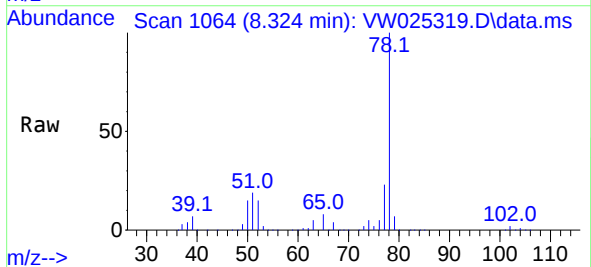
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

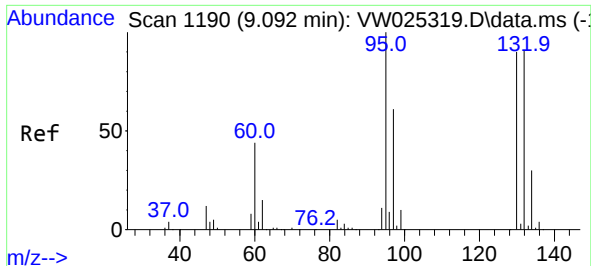
Tgt Ion:117 Resp: 233336
Ion Ratio Lower Upper
117 100
119 95.4 77.6 116.4



#33
Benzene
Concen: 26.275 ug/L
RT: 8.324 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

Tgt Ion: 78 Resp: 593658

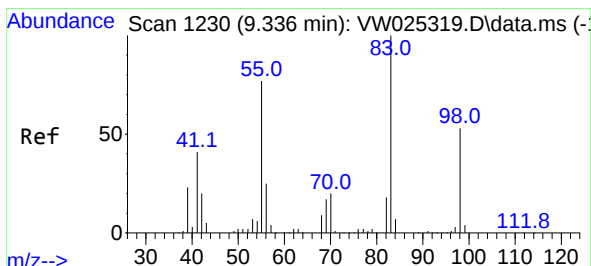
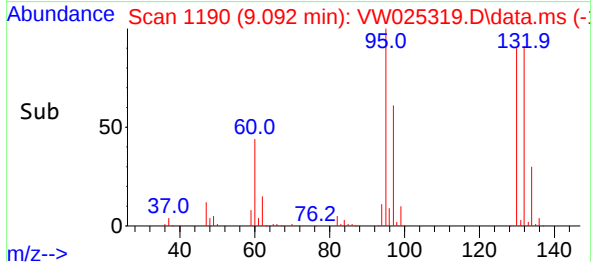
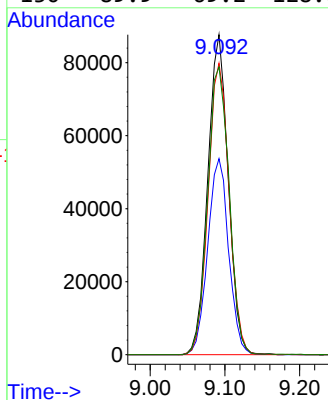
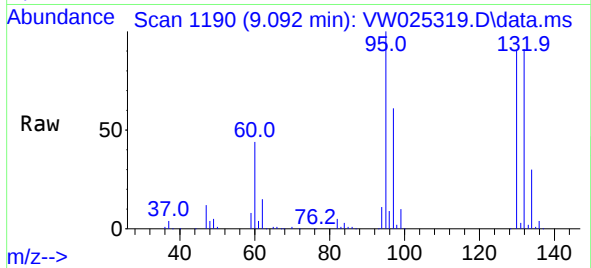




#34
Trichloroethene
Concen: 26.326 ug/L
RT: 9.092 min Scan# 1190
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

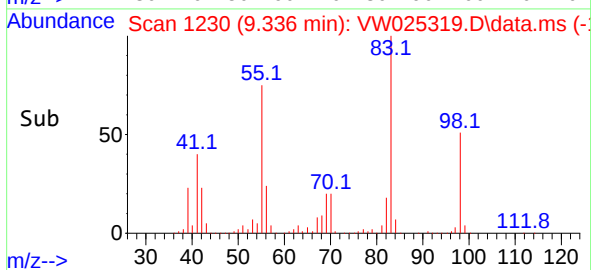
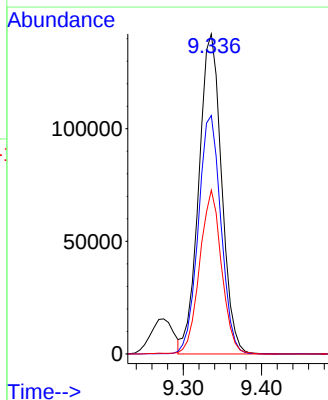
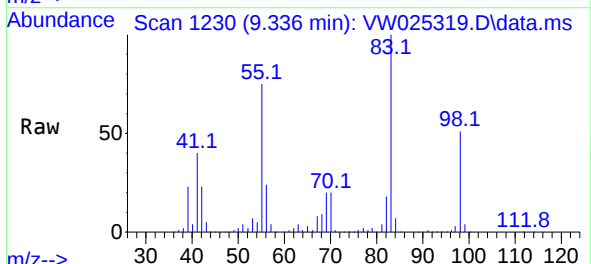
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

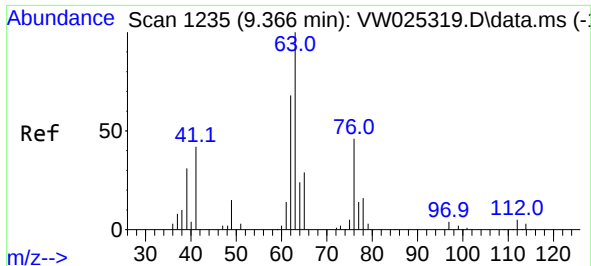
Tgt Ion: 95 Resp: 166613
Ion Ratio Lower Upper
95 100
97 61.2 45.4 84.2
132 91.1 67.1 124.5
130 89.9 69.2 128.6



#35
Methylcyclohexane
Concen: 25.378 ug/L
RT: 9.336 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

Tgt Ion: 83 Resp: 286693
Ion Ratio Lower Upper
83 100
55 74.2 58.8 88.2
98 49.2 39.5 59.3





#37

1,2-Dichloropropane

Concen: 25.908 ug/L

RT: 9.366 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VW025319.D

Acq: 09 Feb 2023 09:03

Instrument :

MSVOA_W

ClientSampleId :

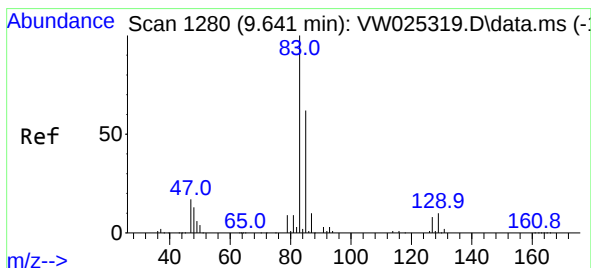
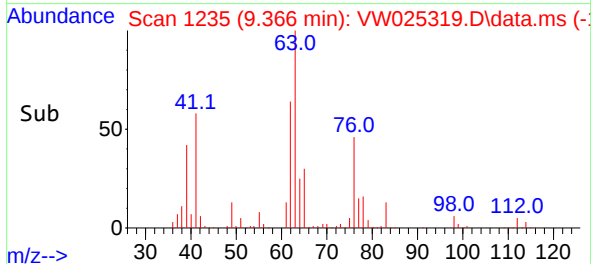
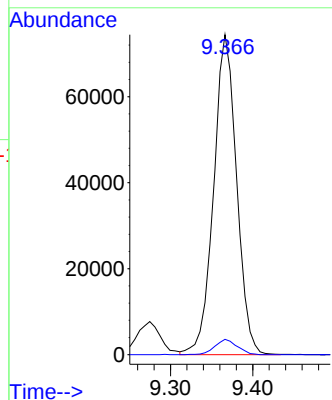
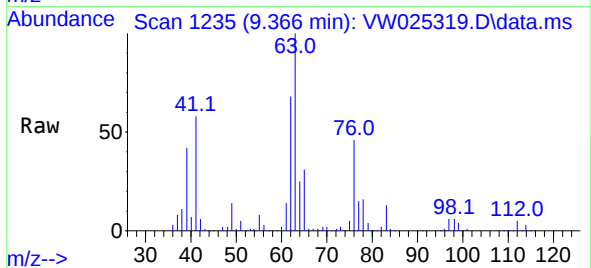
VSTD025534

Tgt Ion: 63 Resp: 144371

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 25.725 ug/L

RT: 9.641 min Scan# 1280

Delta R.T. -0.006 min

Lab File: VW025319.D

Acq: 09 Feb 2023 09:03

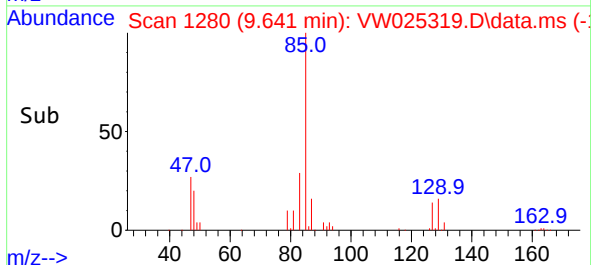
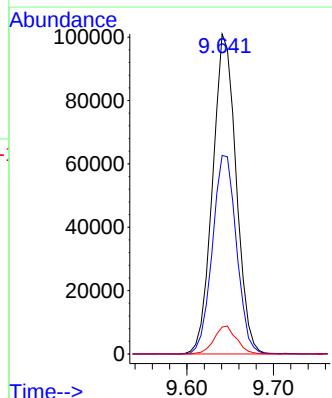
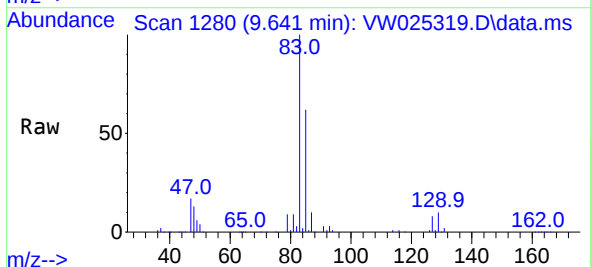
Tgt Ion: 83 Resp: 190612

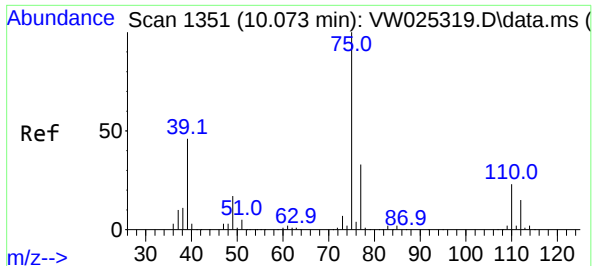
Ion Ratio Lower Upper

83 100

85 62.0 44.4 82.4

127 8.4 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 25.139 ug/L

RT: 10.073 min Scan# 1351

Delta R.T. 0.000 min

Lab File: VW025319.D

Acq: 09 Feb 2023 09:03

Instrument :

MSVOA_W

ClientSampleId :

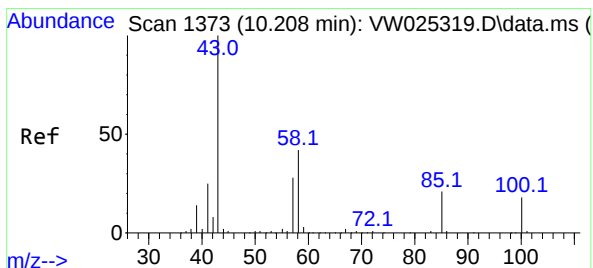
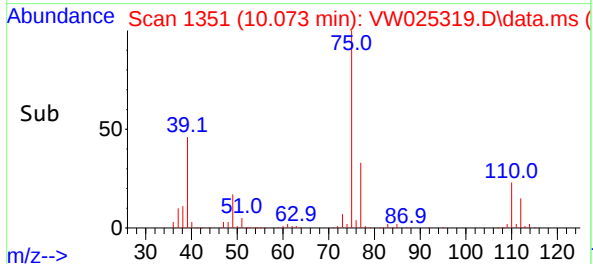
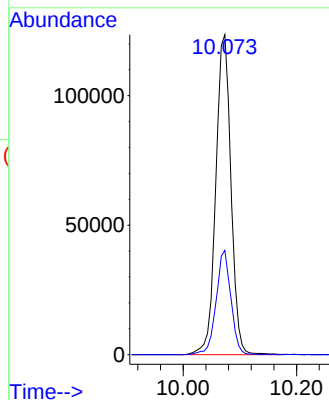
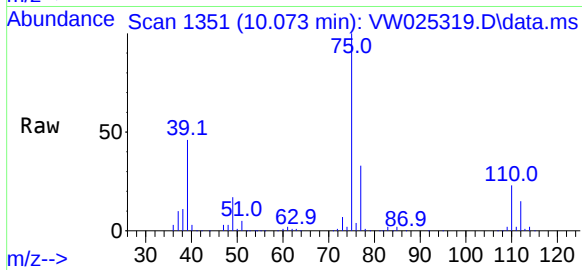
VSTD025534

Tgt Ion: 75 Resp: 229372

Ion Ratio Lower Upper

75 100

77 32.6 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 46.192 ug/L

RT: 10.208 min Scan# 1373

Delta R.T. 0.000 min

Lab File: VW025319.D

Acq: 09 Feb 2023 09:03

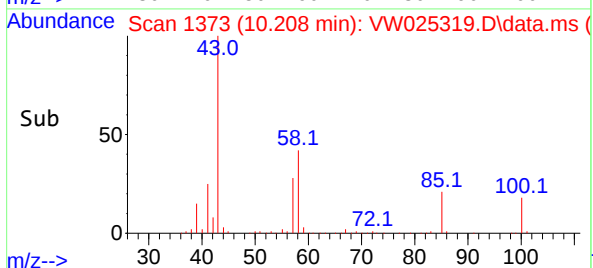
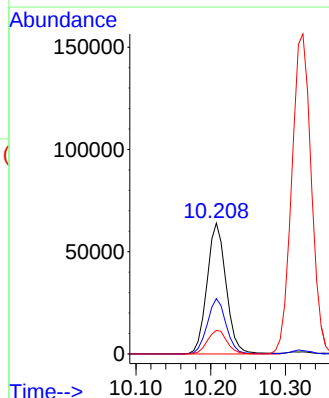
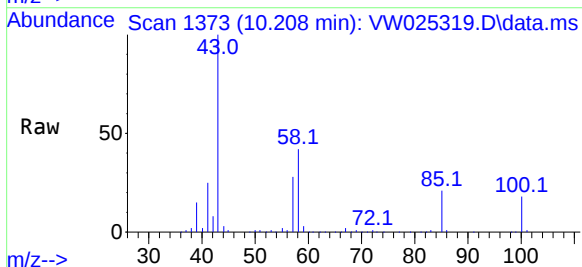
Tgt Ion: 43 Resp: 113653

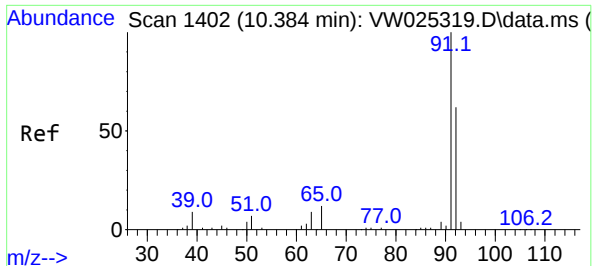
Ion Ratio Lower Upper

43 100

58 41.5 34.1 51.1

100 18.5 14.5 21.7





#42

Toluene

Concen: 28.790 ug/L

RT: 10.384 min Scan# 1402

Delta R.T. 0.000 min

Lab File: VW025319.D

Acq: 09 Feb 2023 09:03

Instrument :

MSVOA_W

ClientSampleId :

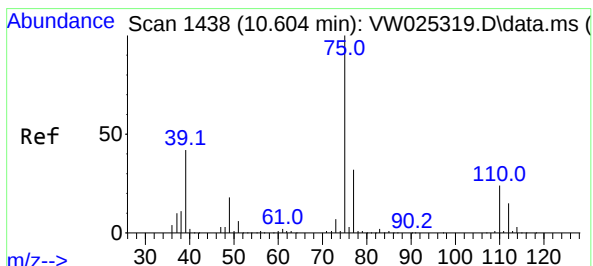
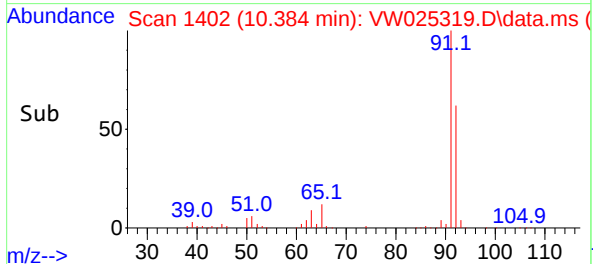
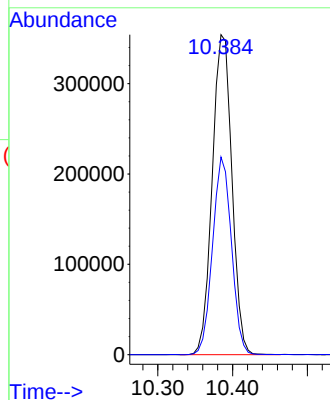
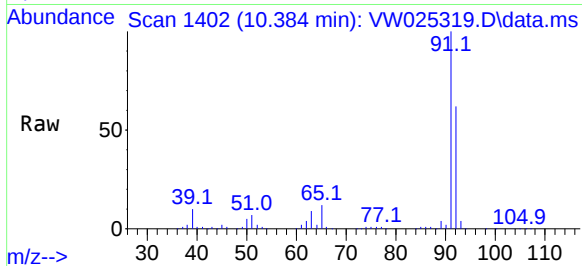
VSTD025534

Tgt Ion: 91 Resp: 646859

Ion Ratio Lower Upper

91 100

92 61.7 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 28.281 ug/L

RT: 10.604 min Scan# 1438

Delta R.T. 0.000 min

Lab File: VW025319.D

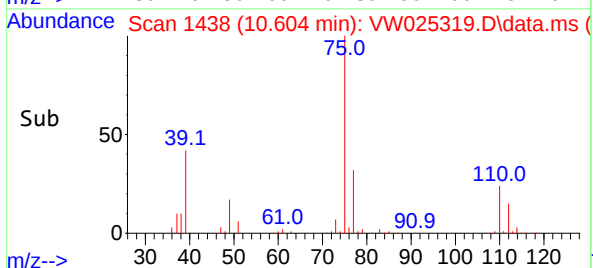
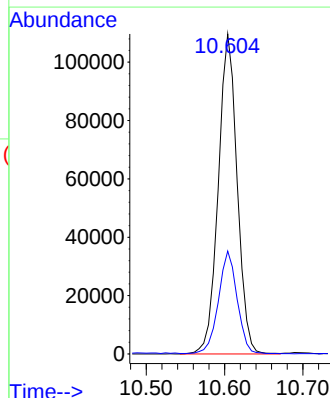
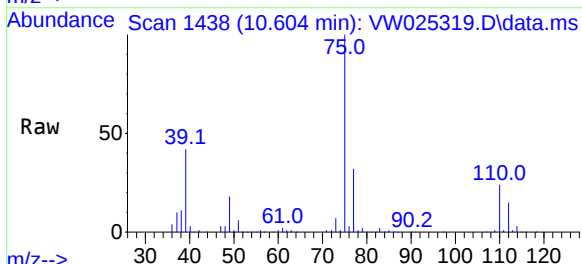
Acq: 09 Feb 2023 09:03

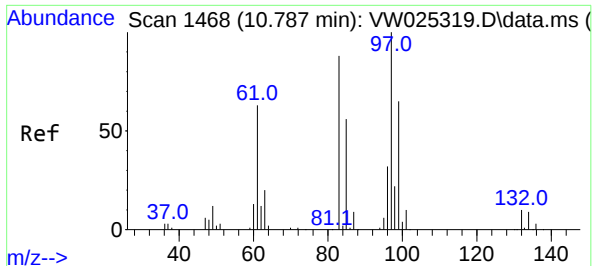
Tgt Ion: 75 Resp: 183938

Ion Ratio Lower Upper

75 100

77 32.2 21.7 40.3



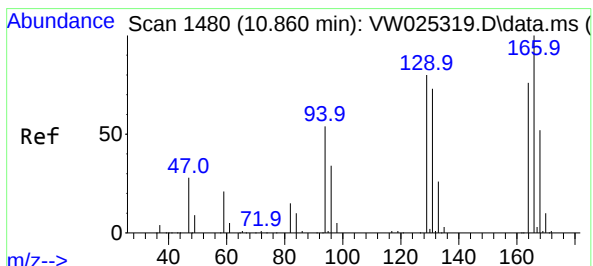
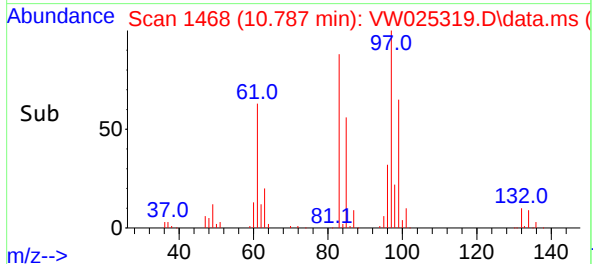
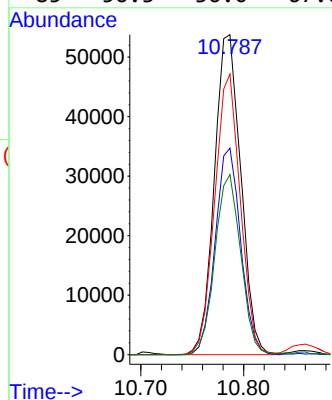
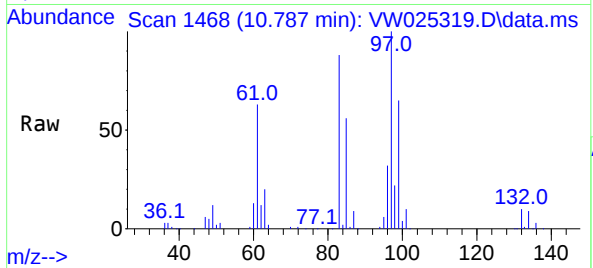


#45
1,1,2-Trichloroethane
Concen: 27.458 ug/L
RT: 10.787 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

Tgt Ion: 97 Resp: 96434

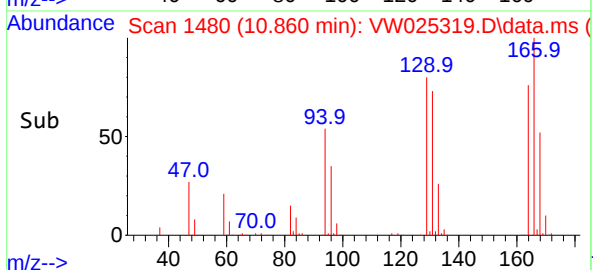
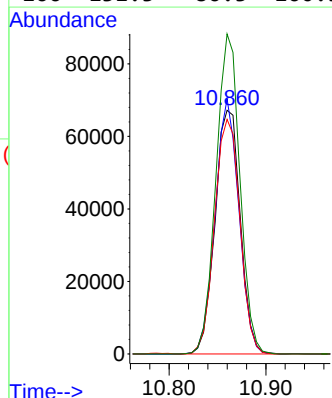
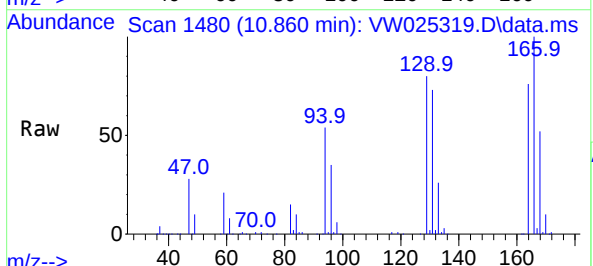
Ion	Ratio	Lower	Upper
97	100		
99	64.5	41.4	76.8
83	87.7	54.0	100.4
85	56.3	36.0	67.0

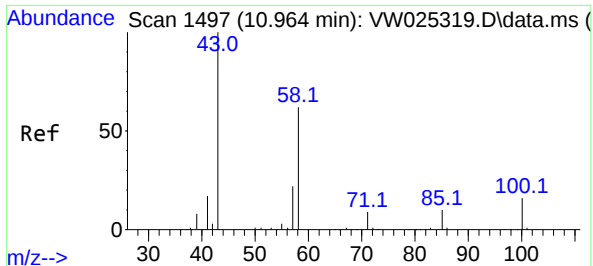


#46
Tetrachloroethene
Concen: 30.068 ug/L
RT: 10.860 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

Tgt Ion: 164 Resp: 121611

Ion	Ratio	Lower	Upper
164	100		
129	104.7	74.1	137.5
131	96.3	72.3	134.3
166	131.3	86.3	160.3





#48

2-Hexanone

Concen: 53.638 ug/L

RT: 10.964 min Scan# 1497

Delta R.T. 0.000 min

Lab File: VW025319.D

Acq: 09 Feb 2023 09:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

Tgt Ion: 43 Resp: 83317

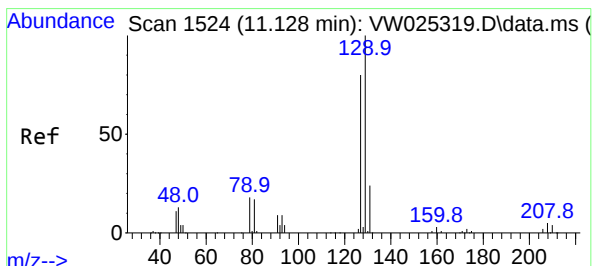
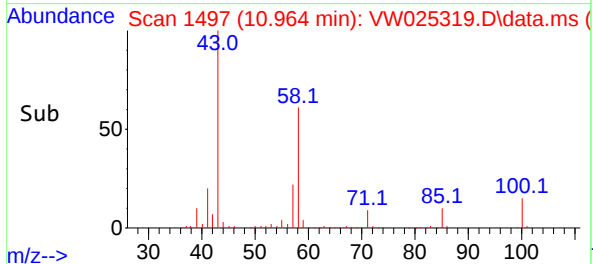
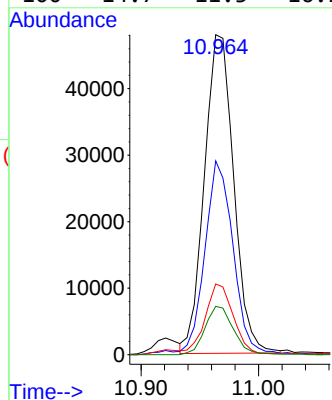
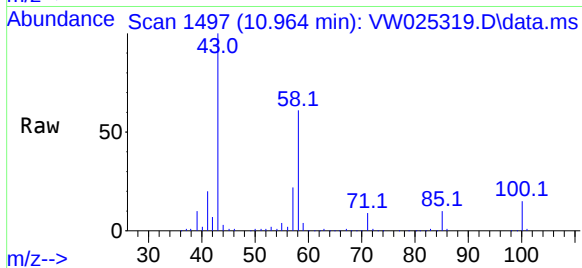
Ion Ratio Lower Upper

43 100

58 58.6 46.3 69.5

57 21.5 16.5 24.7

100 14.7 11.3 16.9



#49

Dibromochloromethane

Concen: 29.213 ug/L

RT: 11.128 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VW025319.D

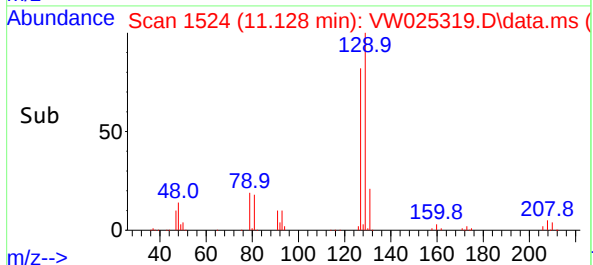
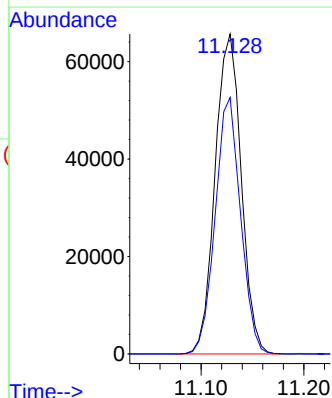
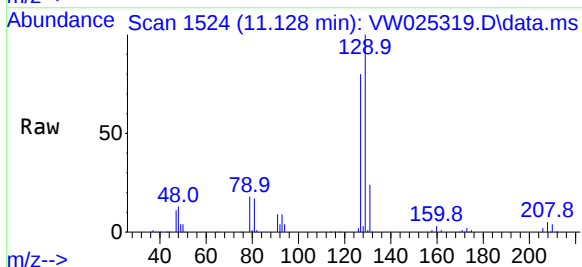
Acq: 09 Feb 2023 09:03

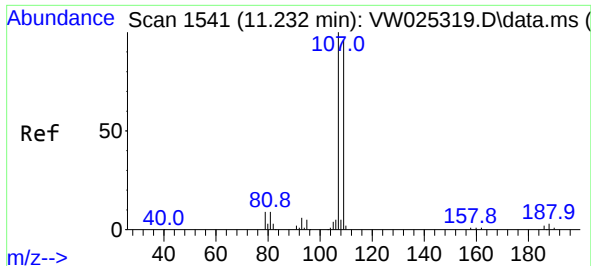
Tgt Ion: 129 Resp: 115879

Ion Ratio Lower Upper

129 100

127 80.2 54.8 101.8



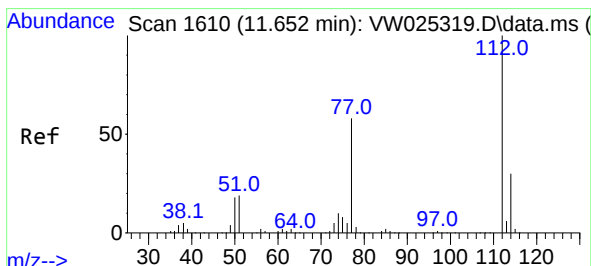
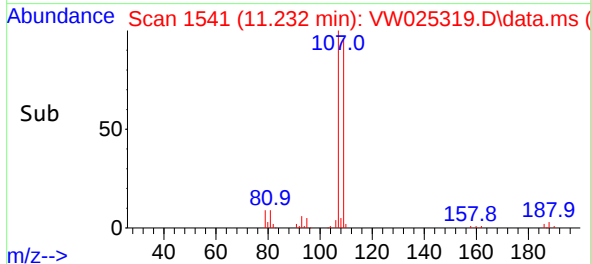
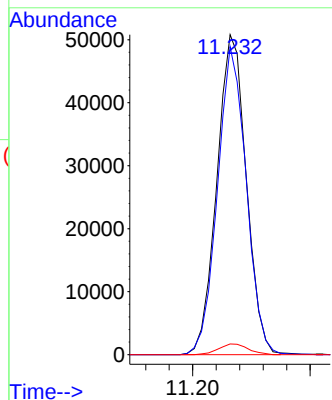
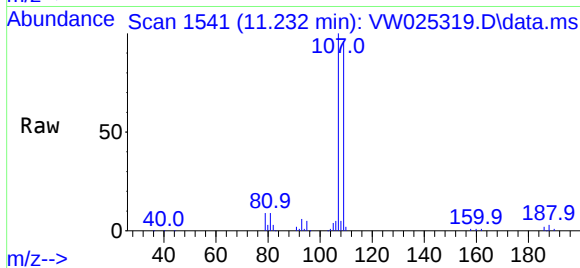


#50
1,2-Dibromoethane
Concen: 27.415 ug/L
RT: 11.232 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

Tgt Ion:107 Resp: 88199

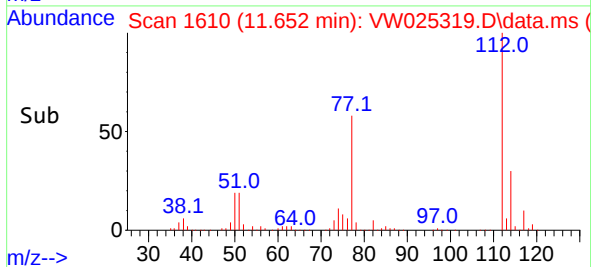
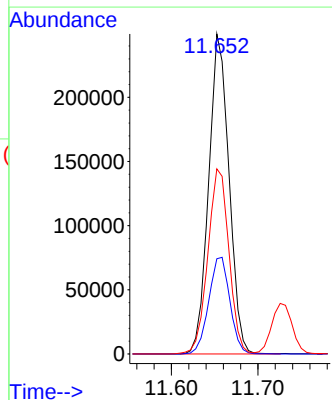
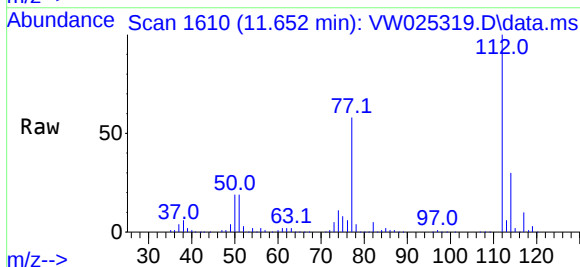
Ion	Ratio	Lower	Upper
107	100		
109	96.3	65.0	120.6
188	3.3	2.3	3.5

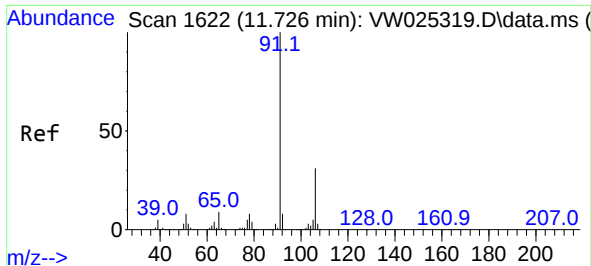


#51
Chlorobenzene
Concen: 27.525 ug/L
RT: 11.652 min Scan# 1610
Delta R.T. -0.006 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

Tgt Ion:112 Resp: 407004

Ion	Ratio	Lower	Upper
112	100		
114	29.8	21.7	40.3
77	57.9	46.2	69.4

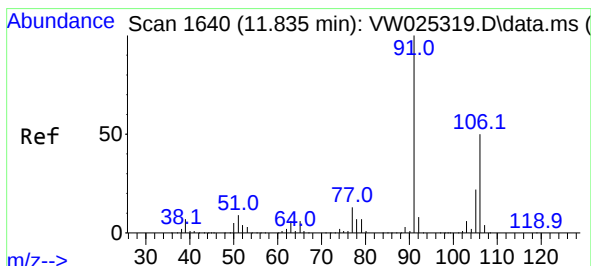
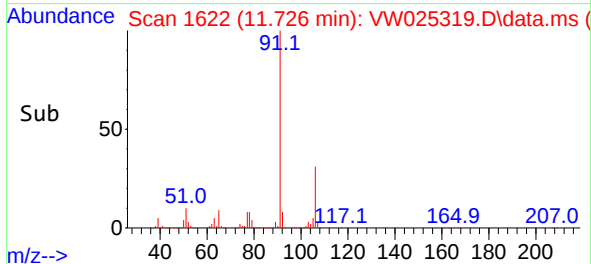
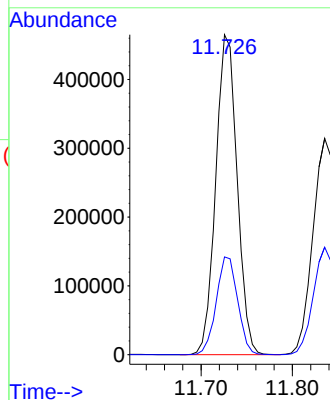
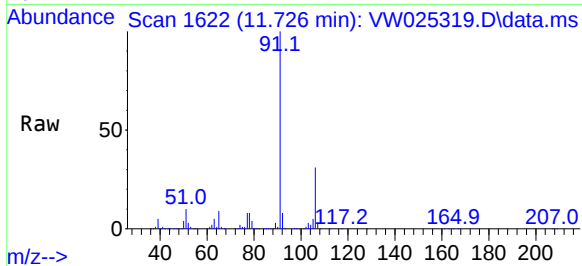




#52
Ethylbenzene
Concen: 28.090 ug/L
RT: 11.726 min Scan# 1622
Delta R.T. -0.006 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

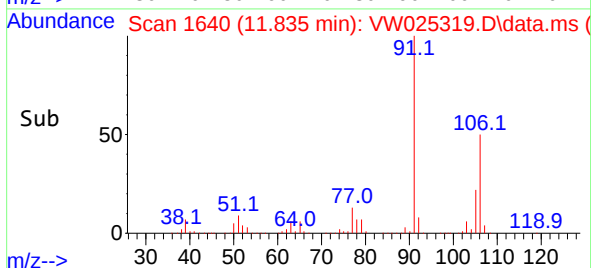
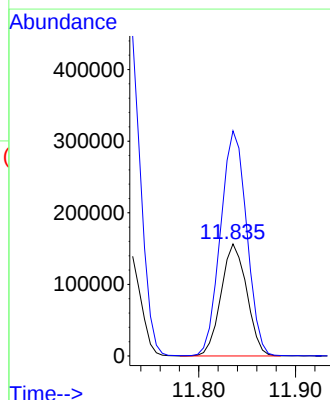
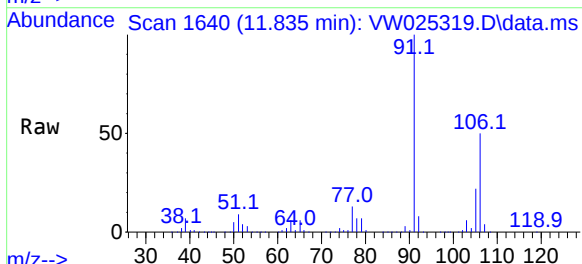
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

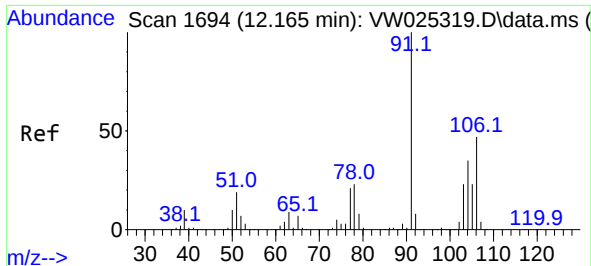
Tgt Ion: 91 Resp: 756193
Ion Ratio Lower Upper
91 100
106 30.5 21.1 39.1



#53
m,p-Xylene
Concen: 28.324 ug/L
RT: 11.835 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

Tgt Ion:106 Resp: 288982
Ion Ratio Lower Upper
106 100
91 201.1 143.4 266.4

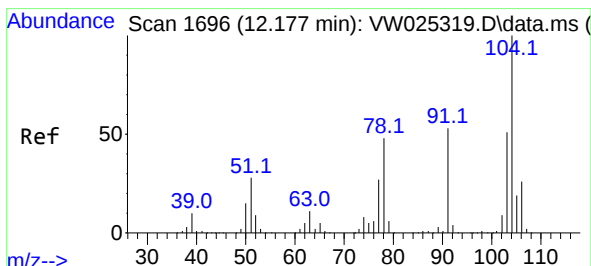
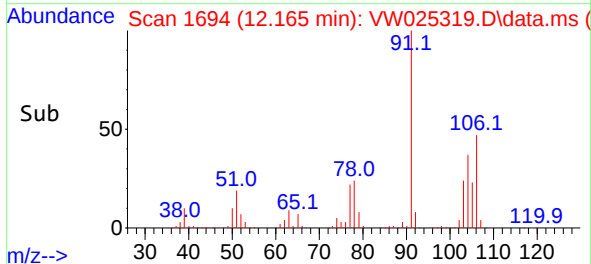
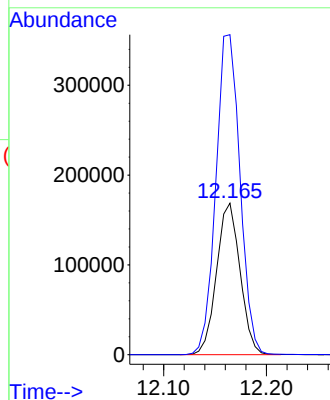
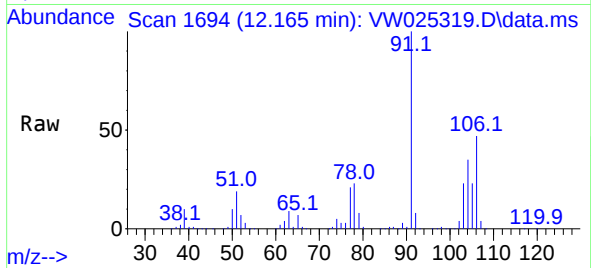




#54
o-Xylene
Concen: 26.065 ug/L
RT: 12.165 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

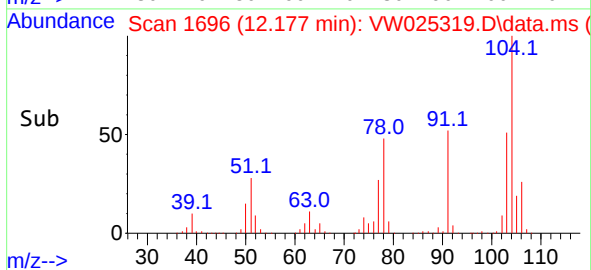
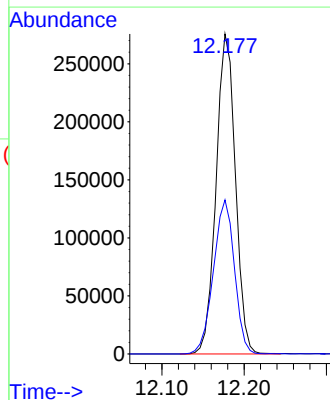
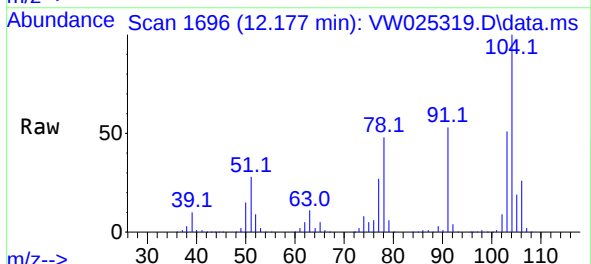
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

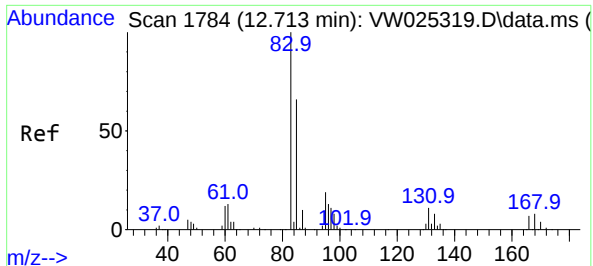
Tgt Ion:106 Resp: 267708
Ion Ratio Lower Upper
106 100
91 211.1 157.6 292.8



#55
Styrene
Concen: 25.892 ug/L
RT: 12.177 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

Tgt Ion:104 Resp: 450264
Ion Ratio Lower Upper
104 100
78 48.1 32.8 60.8

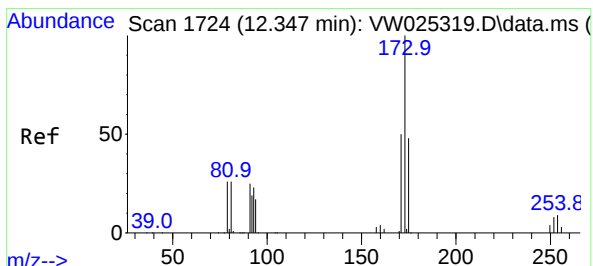
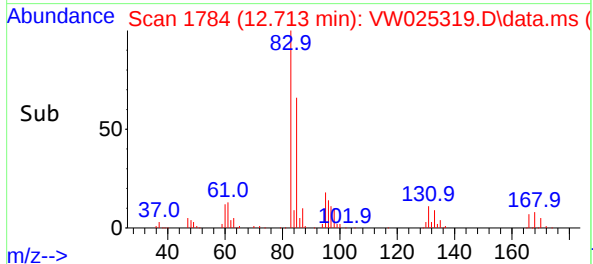
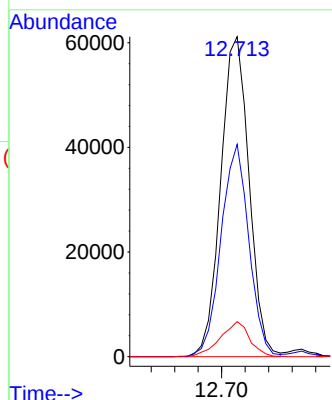
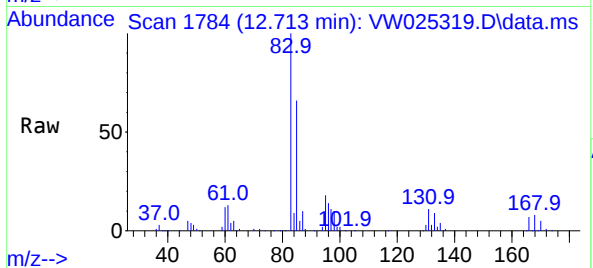




#57
1,1,2,2-Tetrachloroethane
Concen: 24.445 ug/L
RT: 12.713 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

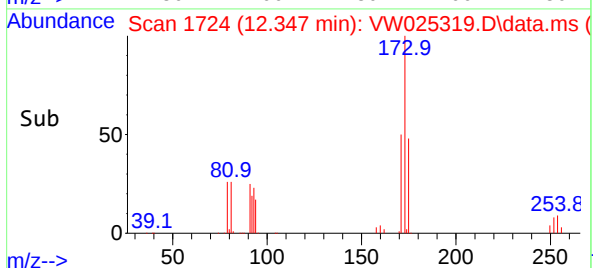
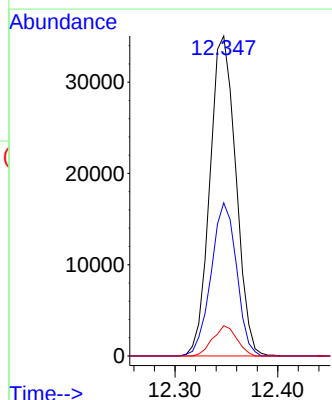
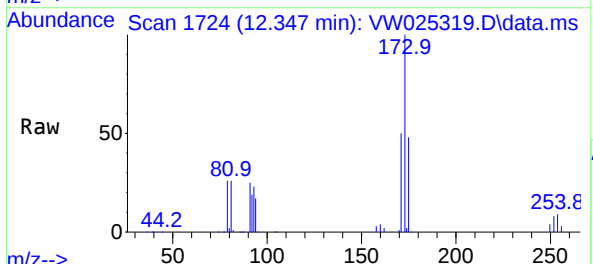
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

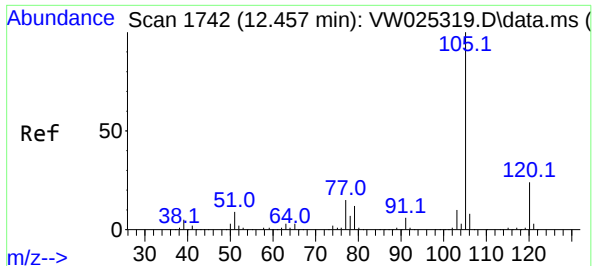
Tgt Ion: 83 Resp: 102293
Ion Ratio Lower Upper
83 100
85 66.4 44.7 83.1
131 10.9 7.8 11.6



#59
Bromoform
Concen: 26.873 ug/L
RT: 12.347 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

Tgt Ion:173 Resp: 61515
Ion Ratio Lower Upper
173 100
175 46.8 38.6 58.0
254 8.7 7.0 10.4

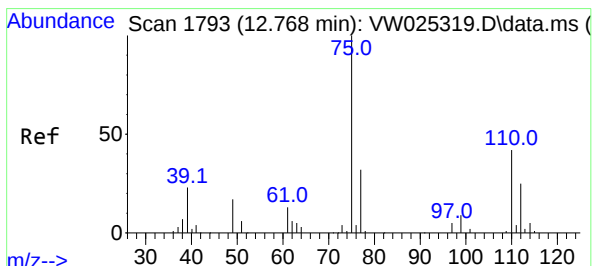
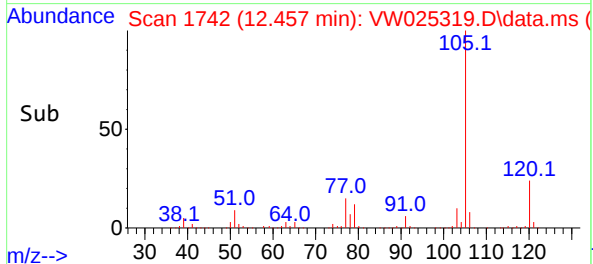
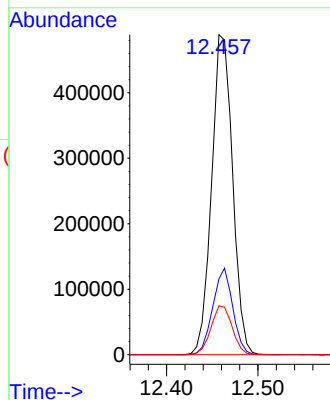
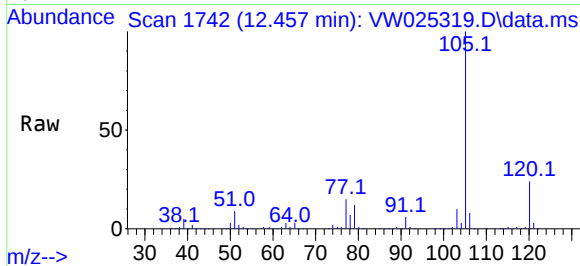




#60
Isopropylbenzene
Concen: 28.486 ug/L
RT: 12.457 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

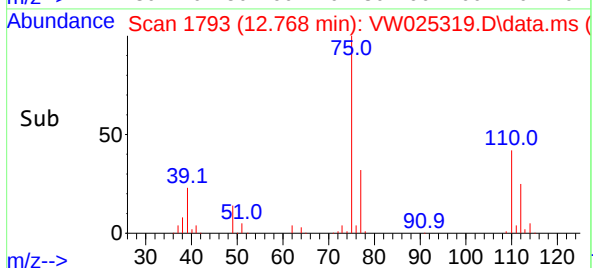
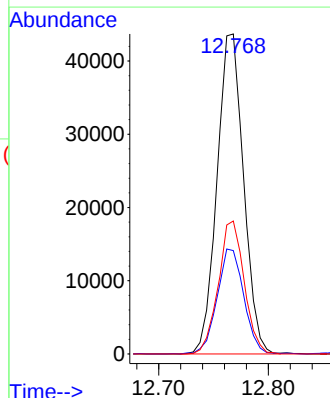
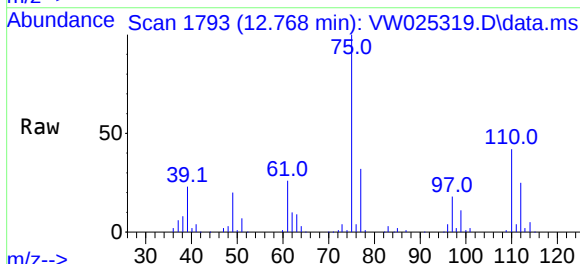
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

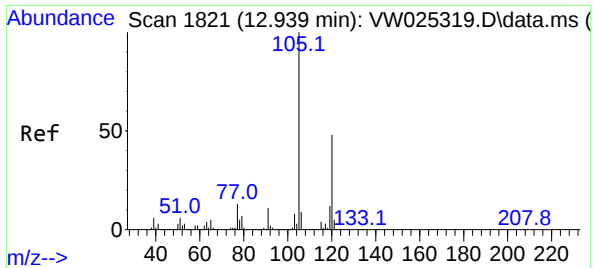
Tgt Ion:105 Resp: 778357
Ion Ratio Lower Upper
105 100
120 25.7 20.6 30.8
77 15.5 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 25.634 ug/L
RT: 12.768 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

Tgt Ion: 75 Resp: 73537
Ion Ratio Lower Upper
75 100
77 33.0 26.7 40.1
110 40.4 33.2 49.8

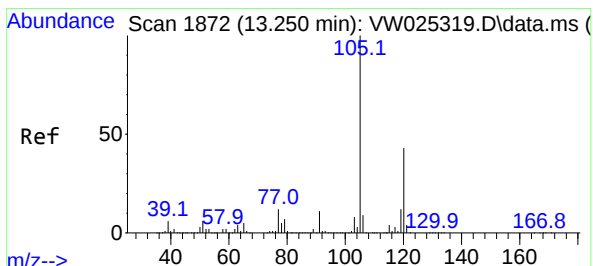
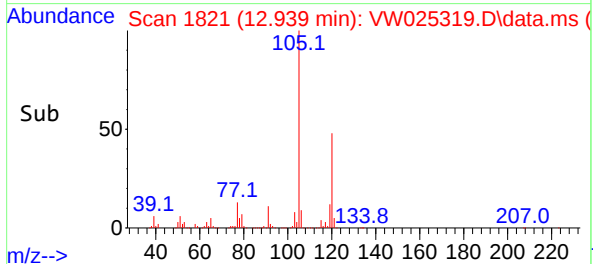
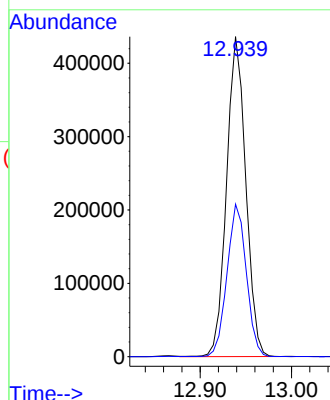
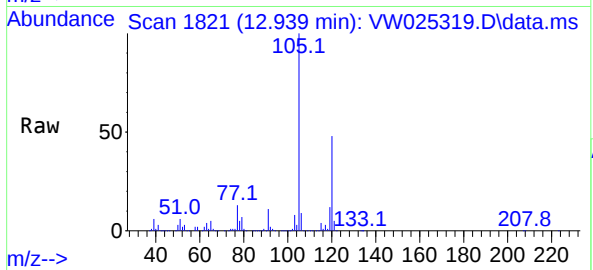




#62
1,3,5-Trimethylbenzene
Concen: 28.936 ug/L
RT: 12.939 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

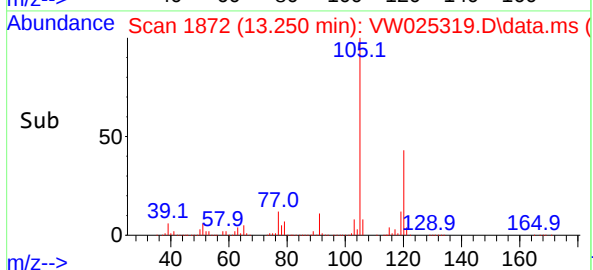
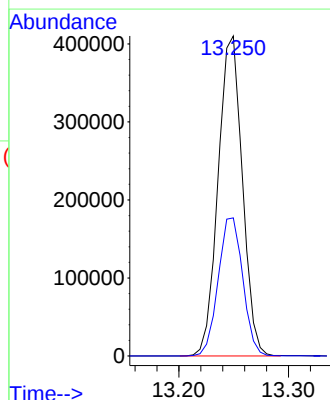
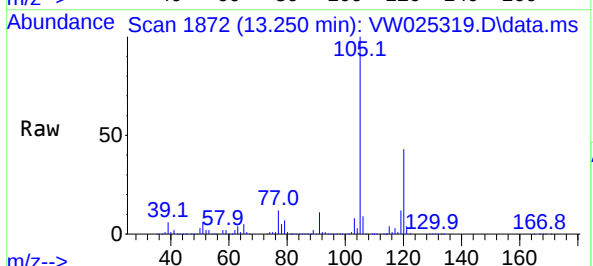
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

Tgt Ion:105 Resp: 637407
Ion Ratio Lower Upper
105 100
120 48.0 37.0 55.4

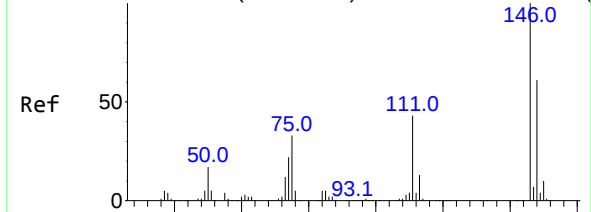


#63
1,2,4-Trimethylbenzene
Concen: 28.573 ug/L
RT: 13.250 min Scan# 1872
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

Tgt Ion:105 Resp: 630667
Ion Ratio Lower Upper
105 100
120 43.8 35.0 52.4

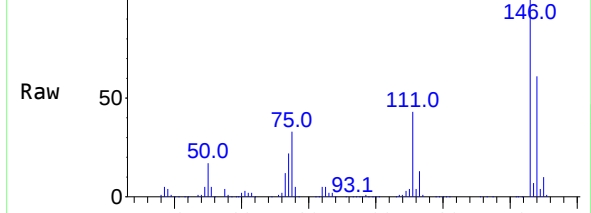


Abundance Scan 1912 (13.494 min): VW025319.D\data.ms (



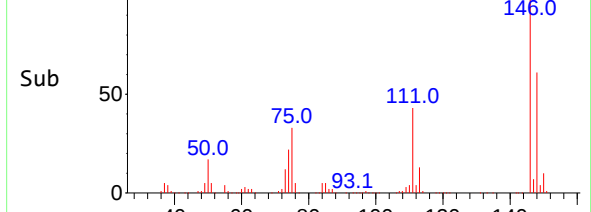
m/z-->

Abundance Scan 1912 (13.494 min): VW025319.D\data.ms



m/z-->

Abundance Scan 1912 (13.494 min): VW025319.D\data.ms (



m/z-->

#64

1,3-Dichlorobenzene

Concen: 27.656 ug/L

RT: 13.494 min Scan# 1912

Delta R.T. -0.006 min

Lab File: VW025319.D

Acq: 09 Feb 2023 09:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

Tgt Ion:146 Resp: 313087

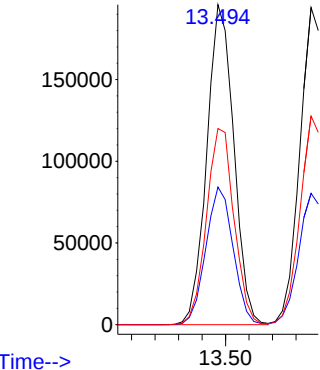
Ion Ratio Lower Upper

146 100

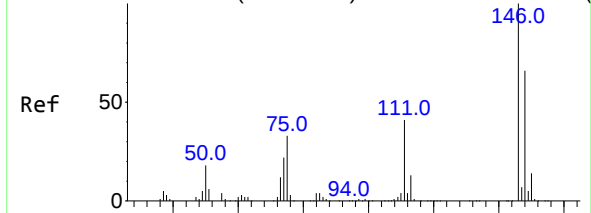
111 43.0 29.0 53.8

148 61.3 41.7 77.5

Abundance

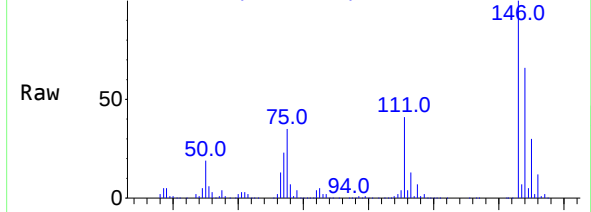


Abundance Scan 1925 (13.573 min): VW025319.D\data.ms (



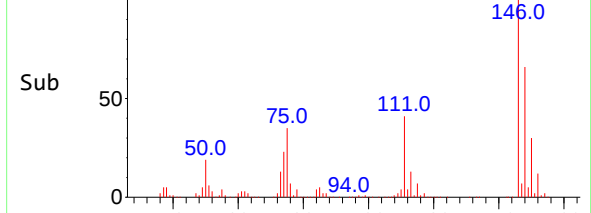
m/z-->

Abundance Scan 1925 (13.573 min): VW025319.D\data.ms



m/z-->

Abundance Scan 1925 (13.573 min): VW025319.D\data.ms (



m/z-->

#65

1,4-Dichlorobenzene

Concen: 27.671 ug/L

RT: 13.573 min Scan# 1925

Delta R.T. -0.006 min

Lab File: VW025319.D

Acq: 09 Feb 2023 09:03

Tgt Ion:146 Resp: 309119

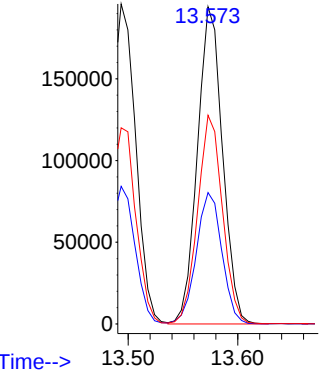
Ion Ratio Lower Upper

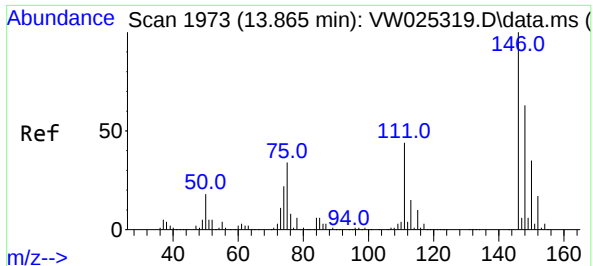
146 100

111 41.4 29.3 54.3

148 65.8 43.8 81.4

Abundance

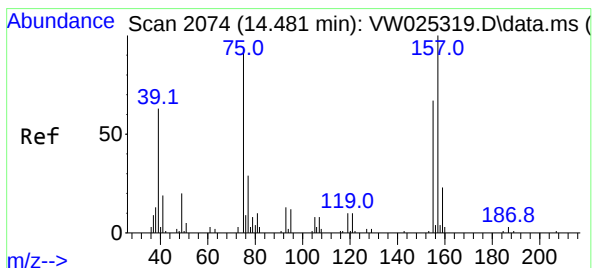
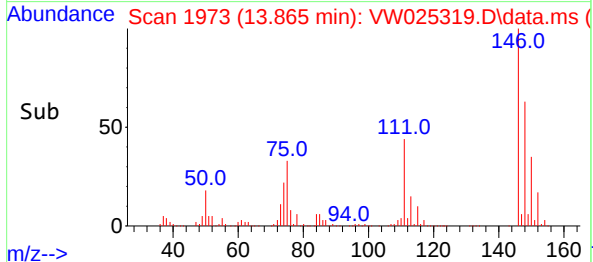
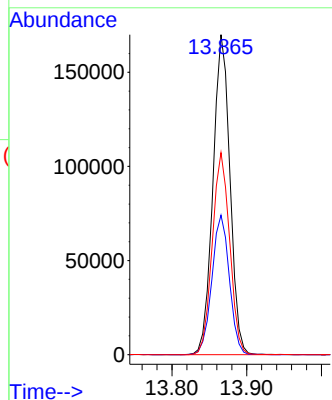
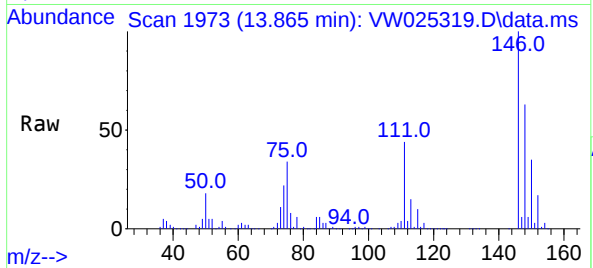




#67
1,2-Dichlorobenzene
Concen: 27.569 ug/L
RT: 13.865 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

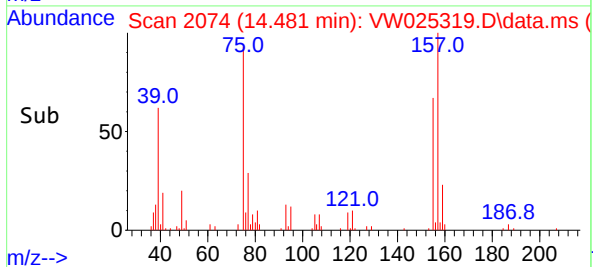
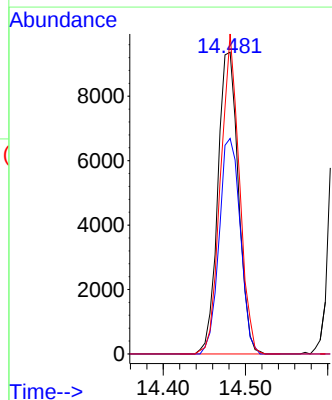
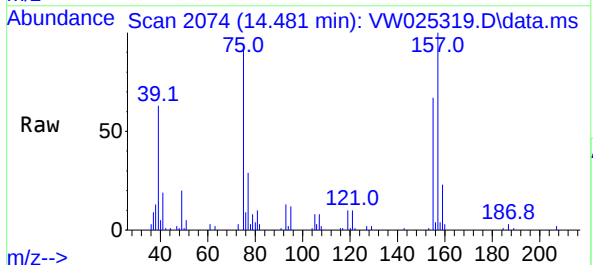
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

Tgt Ion:146 Resp: 268955
Ion Ratio Lower Upper
146 100
111 43.6 36.2 54.2
148 63.1 50.2 75.4

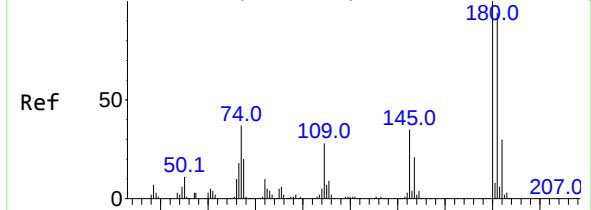


#68
1,2-Dibromo-3-chloropropane
Concen: 24.338 ug/L
RT: 14.481 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

Tgt Ion: 75 Resp: 16307
Ion Ratio Lower Upper
75 100
155 71.4 63.4 95.2
157 106.1 82.5 123.7

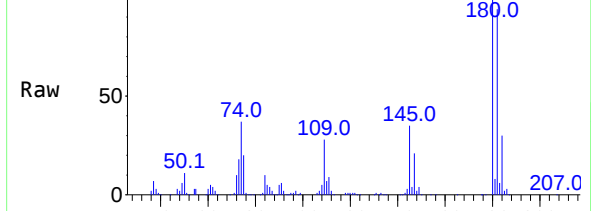


Abundance Scan 2097 (14.621 min): VW025319.D\data.ms (



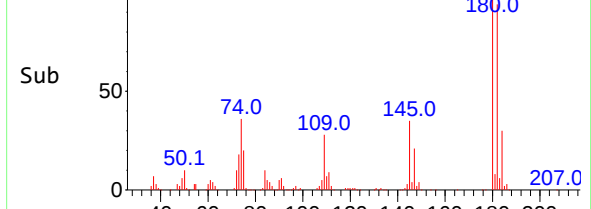
m/z-->

Abundance Scan 2097 (14.621 min): VW025319.D\data.ms



m/z-->

Abundance Scan 2097 (14.621 min): VW025319.D\data.ms (



m/z-->

#69

1,3,5-Trichlorobenzene

Concen: 28.851 ug/L

RT: 14.621 min Scan# 2097

Delta R.T. 0.000 min

Lab File: VW025319.D

Acq: 09 Feb 2023 09:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

Tgt Ion:180 Resp: 212402

Ion Ratio Lower Upper

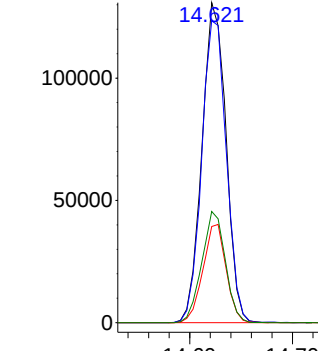
180 100

182 96.6 77.7 116.5

184 29.7 24.4 36.6

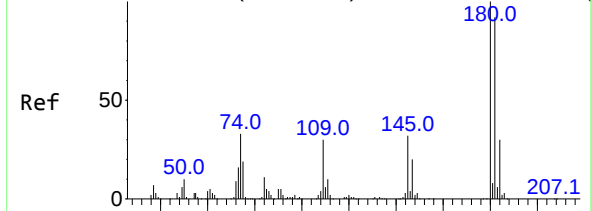
145 34.0 27.4 41.2

Abundance



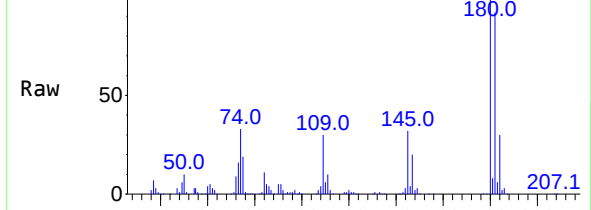
Time-->

Abundance Scan 2180 (15.127 min): VW025319.D\data.ms (



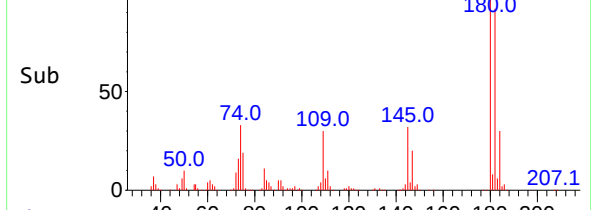
m/z-->

Abundance Scan 2180 (15.127 min): VW025319.D\data.ms



m/z-->

Abundance Scan 2180 (15.127 min): VW025319.D\data.ms (



m/z-->

#70

1,2,4-trichlorobenzene

Concen: 28.587 ug/L

RT: 15.127 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VW025319.D

Acq: 09 Feb 2023 09:03

Tgt Ion:180 Resp: 171370

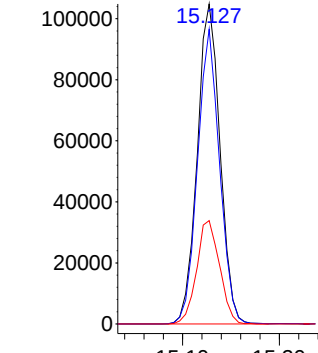
Ion Ratio Lower Upper

180 100

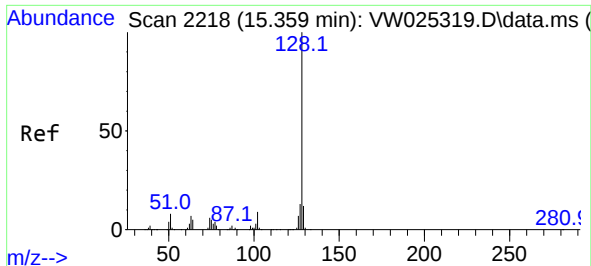
182 89.3 76.4 114.6

145 32.6 27.4 41.2

Abundance



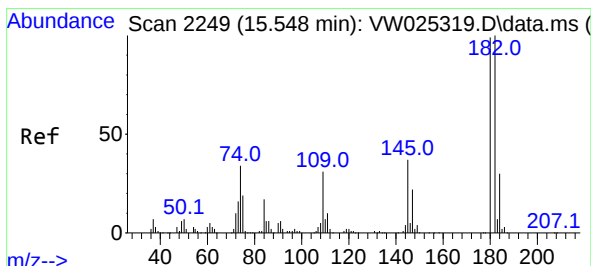
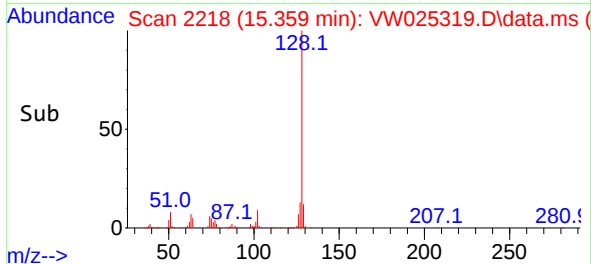
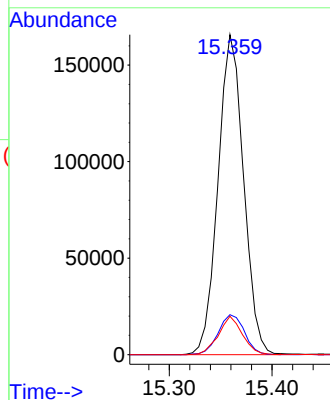
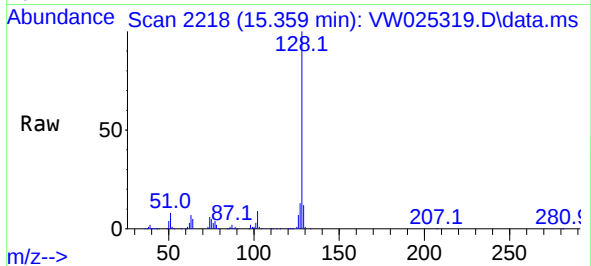
Time-->



#71
Naphthalene
Concen: 26.141 ug/L
RT: 15.359 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

Tgt Ion:128 Resp: 286470
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.3 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 26.430 ug/L
RT: 15.548 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VW025319.D
Acq: 09 Feb 2023 09:03

Tgt Ion:180 Resp: 136038
Ion Ratio Lower Upper
180 100
182 101.2 75.1 112.7
145 37.2 28.8 43.2

