

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100722\
 Data File : VW024771.D
 Acq On : 07 Oct 2022 08:38
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025588

Quant Time: Oct 07 23:17:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 07 03:04:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	503823	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	455682	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	222065	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	132914	25.215	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.840%
7) Chloroethane-d5	2.885	69	80213	26.186	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.760%
11) 1,1-Dichloroethene-d2	4.019	63	304622	24.968	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.880%
21) 2-Butanone-d5	7.074	46	114709	60.527	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.060%
24) Chloroform-d	7.647	84	368706	27.374	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.480%
26) 1,2-Dichloroethane-d4	8.305	65	187019	26.766	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.080%
32) Benzene-d6	8.269	84	714045	24.516	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.080%
36) 1,2-Dichloropropane-d6	9.268	67	228281	25.653	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.600%
41) Toluene-d8	10.323	98	619229	23.788	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.160%
43) trans-1,3-Dichloroprop...	10.579	79	86045	21.712	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.840%
47) 2-Hexanone-d5	10.921	63	85821	56.366	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.740%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	186633	29.434	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	195173	24.977	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.920%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	77548	25.070	ug/L	90
3) Chloromethane	2.215	50	136673	22.690	ug/L	98
5) Vinyl chloride	2.361	62	194059	31.333	ug/L	99
6) Bromomethane	2.776	94	91999	32.186	ug/L	94
8) Chloroethane	2.922	64	77756	29.779	ug/L	99
9) Trichlorofluoromethane	3.257	101	90089	26.000	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	194157	29.380	ug/L #	77
12) 1,1-Dichloroethene	4.038	96	188962	28.670	ug/L	94
13) Acetone	4.123	43	90322	65.322	ug/L	98
14) Carbon disulfide	4.385	76	577960	27.777	ug/L	99
15) Methyl Acetate	4.666	43	88384	28.867	ug/L	97
16) Methylene chloride	4.916	84	197851	19.996	ug/L	100
17) trans-1,2-Dichloroethene	5.422	96	203748	27.513	ug/L	98
18) Methyl tert-butyl Ether	5.422	73	296590	25.259	ug/L	100
19) 1,1-Dichloroethane	6.214	63	380547	27.467	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	220284	27.723	ug/L	97
22) 2-Butanone	7.171	43	132605	59.957	ug/L	99
23) Bromochloromethane	7.513	128	89170	27.612	ug/L	95
25) Chloroform	7.671	83	373665	28.441	ug/L	99

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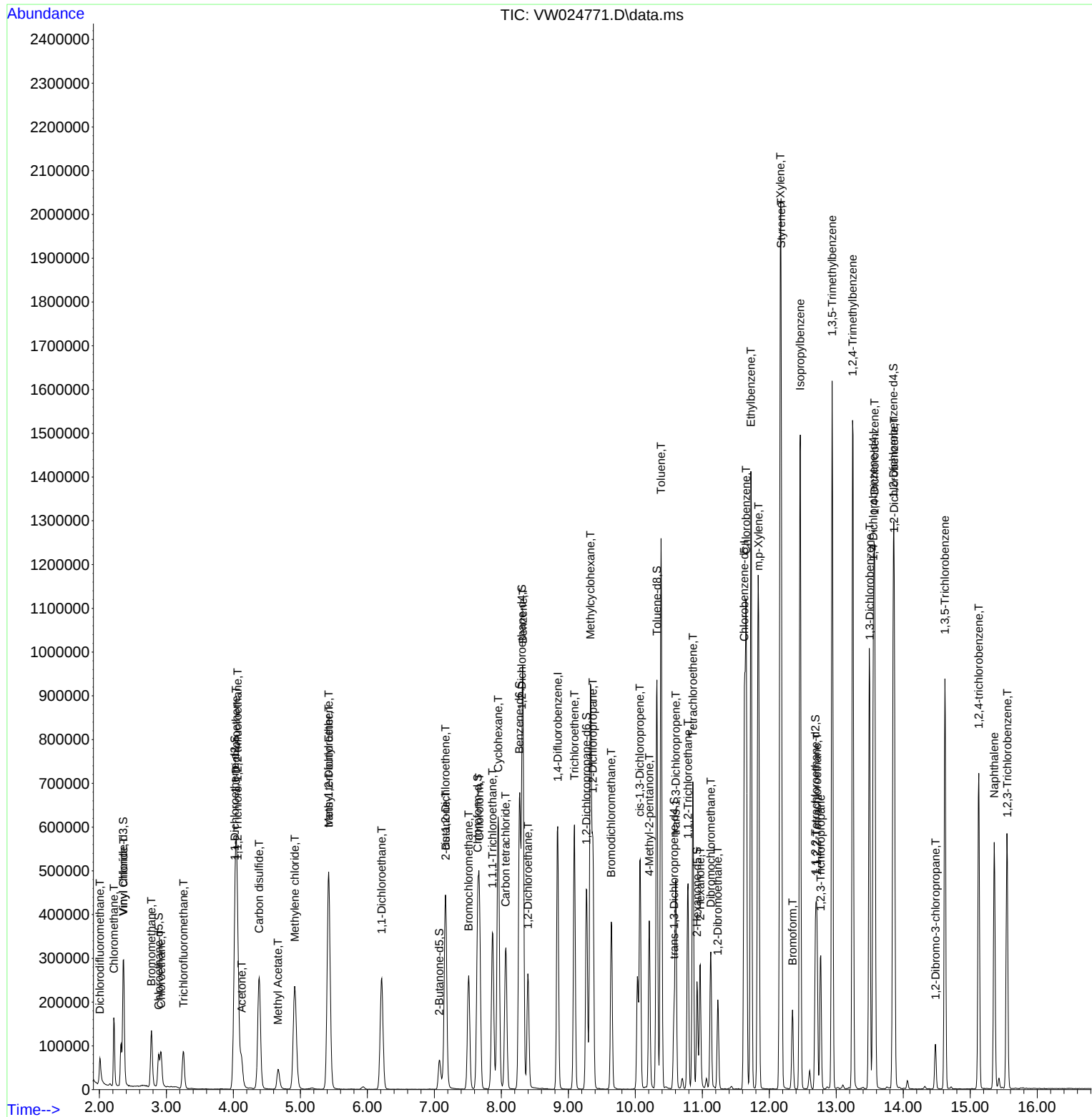
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	233502	28.245	ug/L	99
29) Cyclohexane	7.952	56	369375	26.025	ug/L	100
30) 1,1,1-Trichloroethane	7.866	97	289512	26.256	ug/L	99
31) Carbon tetrachloride	8.061	117	249547	26.725	ug/L	100
33) Benzene	8.323	78	855656	26.828	ug/L	100
34) Trichloroethene	9.092	95	215413	26.648	ug/L	96
35) Methylcyclohexane	9.329	83	391186	26.398	ug/L	99
37) 1,2-Dichloropropane	9.366	63	217452	27.618	ug/L	100
38) Bromodichloromethane	9.640	83	263242	27.179	ug/L	98
39) cis-1,3-Dichloropropene	10.067	75	321351	25.809	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	253919	54.483	ug/L	99
42) Toluene	10.384	91	894119	27.147	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	264870	24.812	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	150110	27.911	ug/L	99
46) Tetrachloroethene	10.860	164	143563	26.138	ug/L	89
48) 2-Hexanone	10.969	43	182138	57.795	ug/L	100
49) Dibromochloromethane	11.128	129	164499	27.163	ug/L	99
50) 1,2-Dibromoethane	11.231	107	139229	27.350	ug/L	96
51) Chlorobenzene	11.652	112	545222	27.037	ug/L	98
52) Ethylbenzene	11.725	91	1003056	27.649	ug/L	98
53) m,p-Xylene	11.841	106	380851	26.884	ug/L	92
54) o-Xylene	12.164	106	362530	27.100	ug/L	98
55) Styrene	12.176	104	625252	27.725	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	181492	28.821	ug/L	99
59) Bromoform	12.347	173	77683	24.748	ug/L	97
60) Isopropylbenzene	12.463	105	981629	27.122	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	131222	27.432	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	847215	26.932	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	847440	27.499	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	395793	26.918	ug/L	93
65) 1,4-Dichlorobenzene	13.573	146	395357	27.621	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	353401	27.594	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	28147	24.883	ug/L	99
69) 1,3,5-Trichlorobenzene	14.621	180	252147	25.827	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	213093	25.981	ug/L	97
71) Naphthalene	15.359	128	461272	25.829	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	169371	24.264	ug/L	97

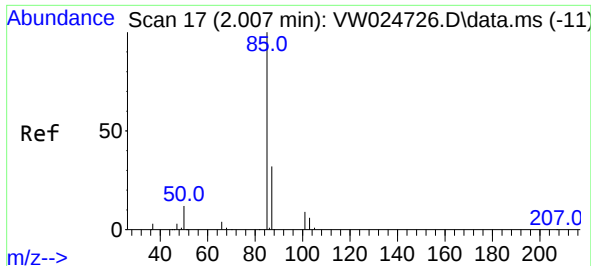
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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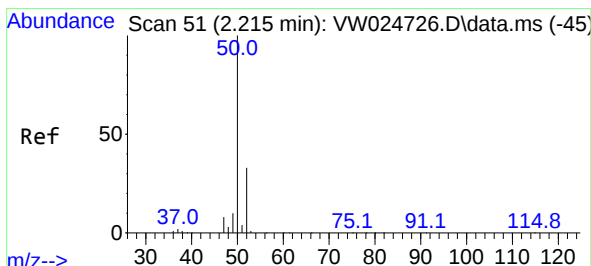
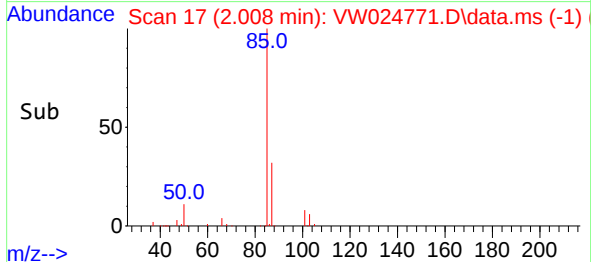
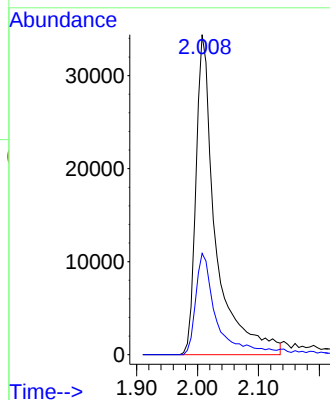
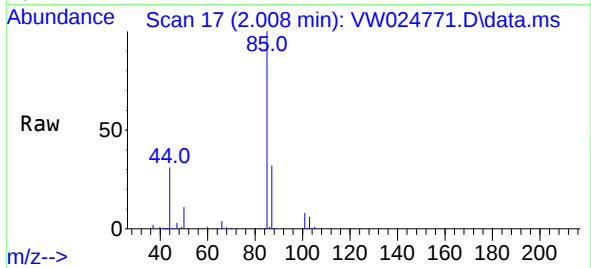




#2
 Dichlorodifluoromethane
 Concen: 25.070 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW024771.D
 Acq: 07 Oct 2022 08:38

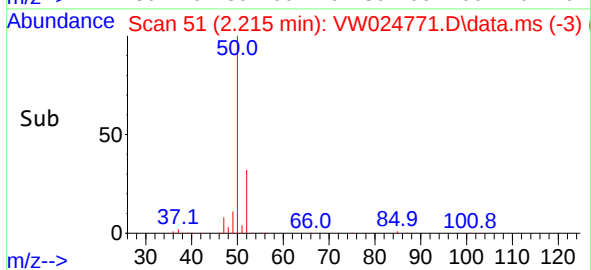
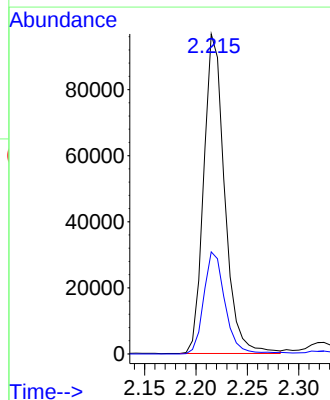
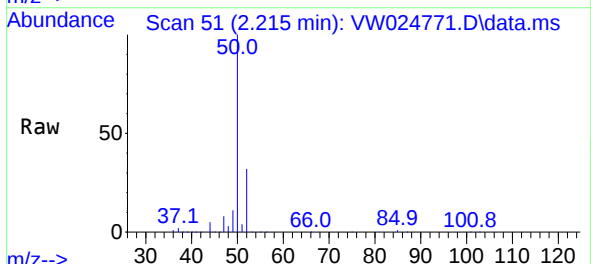
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 ClientSampleId :
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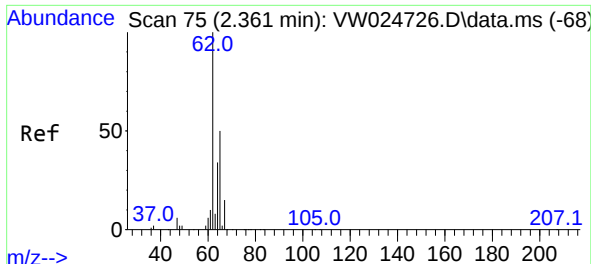
Tgt Ion: 85 Resp: 77548
 Ion Ratio Lower Upper
 85 100
 87 30.1 28.8 43.2



#3
 Chloromethane
 Concen: 22.690 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW024771.D
 Acq: 07 Oct 2022 08:38

Tgt Ion: 50 Resp: 136673
 Ion Ratio Lower Upper
 50 100
 52 31.9 21.7 40.3

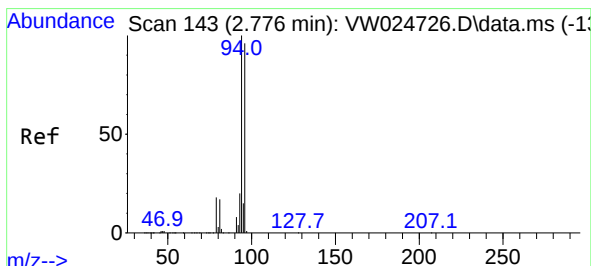
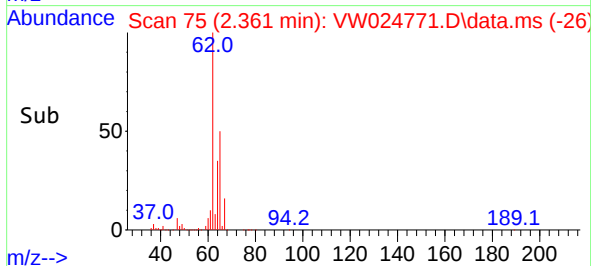
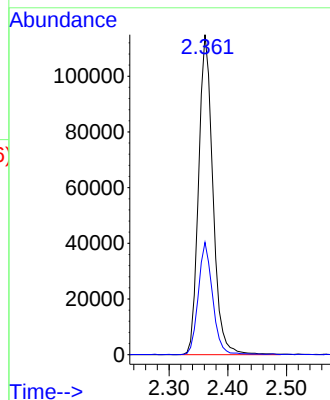
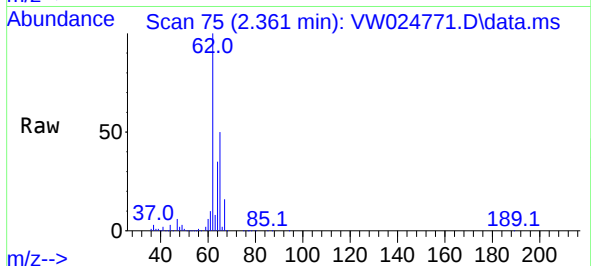




#5
 Vinyl chloride
 Concen: 31.333 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW024771.D
 Acq: 07 Oct 2022 08:38

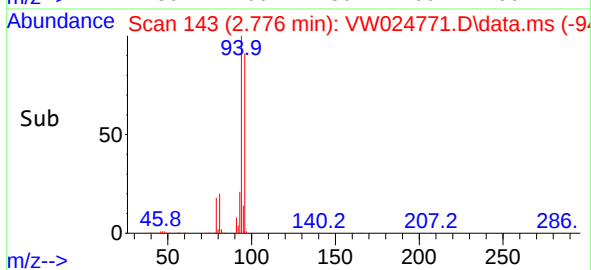
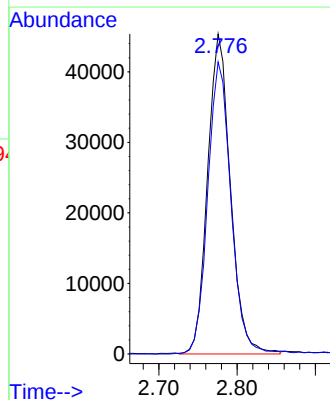
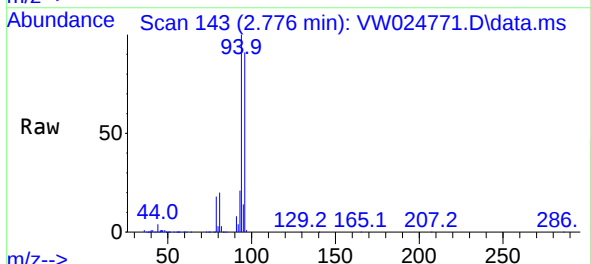
Instrument :
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 ClientSampleId :
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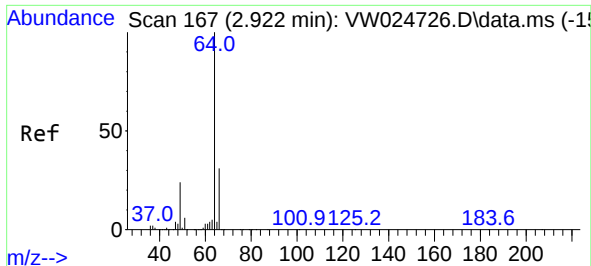
Tgt Ion: 62 Resp: 194059
 Ion Ratio Lower Upper
 62 100
 64 35.1 24.4 45.2



#6
 Bromomethane
 Concen: 32.186 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW024771.D
 Acq: 07 Oct 2022 08:38

Tgt Ion: 94 Resp: 91999
 Ion Ratio Lower Upper
 94 100
 96 91.3 68.0 126.2





#8

Chloroethane

Concen: 29.779 ug/L

RT: 2.922 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024771.D

Acq: 07 Oct 2022 08:38

Instrument :

MSVOA_W

ClientSampleId :

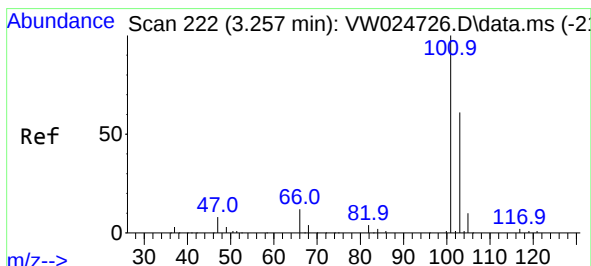
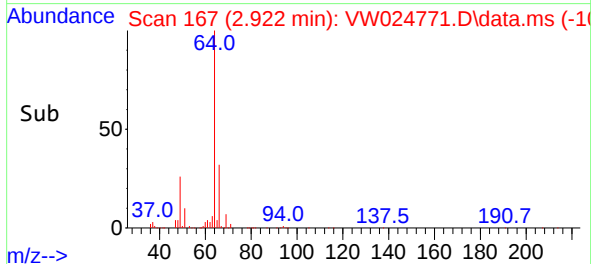
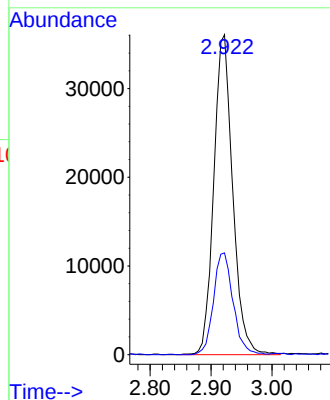
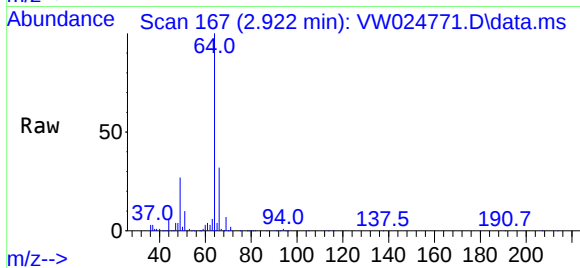
VSTD025588

Tgt Ion: 64 Resp: 77756

Ion Ratio Lower Upper

64 100

66 31.8 22.5 41.9



#9

Trichlorofluoromethane

Concen: 26.000 ug/L

RT: 3.257 min Scan# 222

Delta R.T. -0.000 min

Lab File: VW024771.D

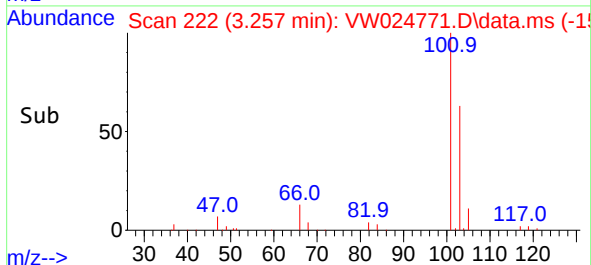
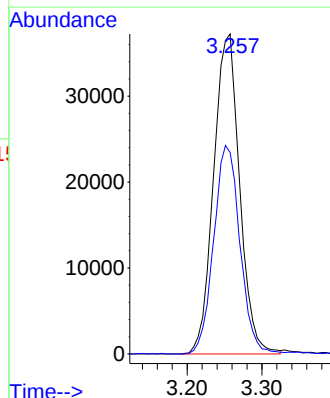
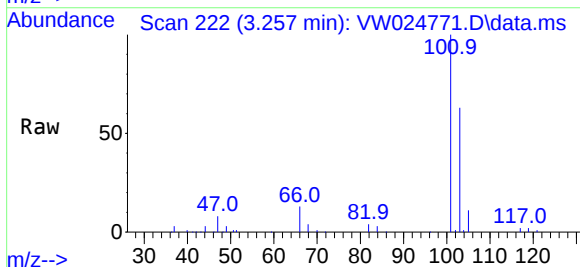
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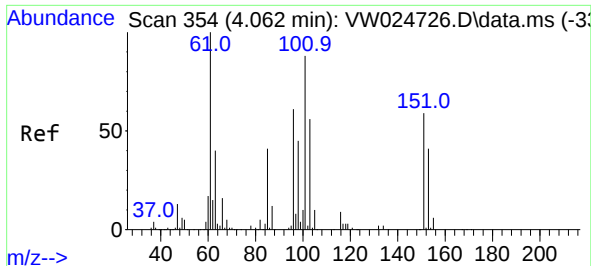
Tgt Ion: 101 Resp: 90089

Ion Ratio Lower Upper

101 100

103 65.6 53.4 80.2

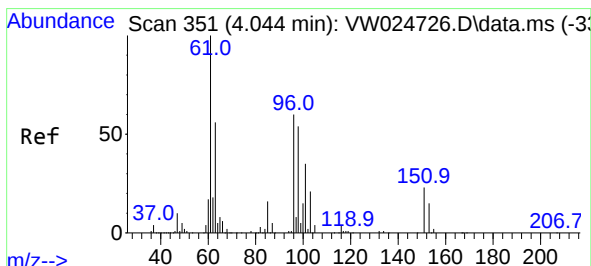
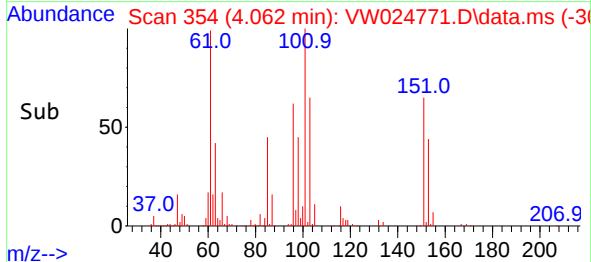
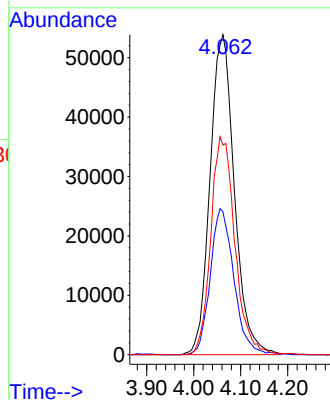
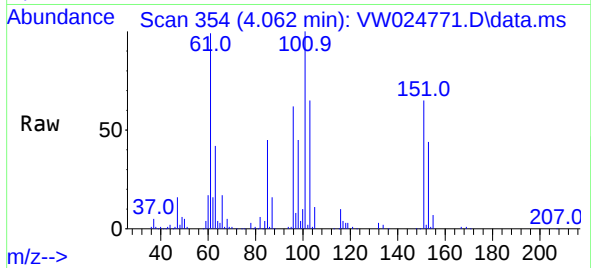




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 29.380 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW024771.D
 Acq: 07 Oct 2022 08:38

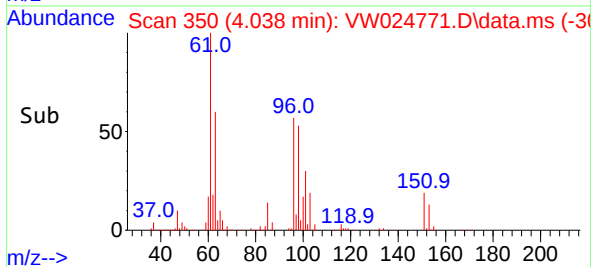
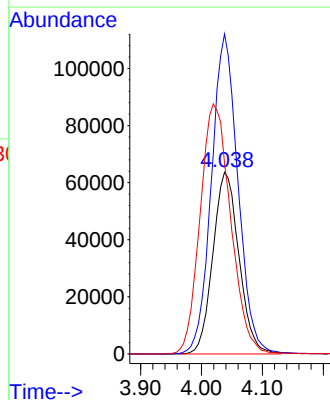
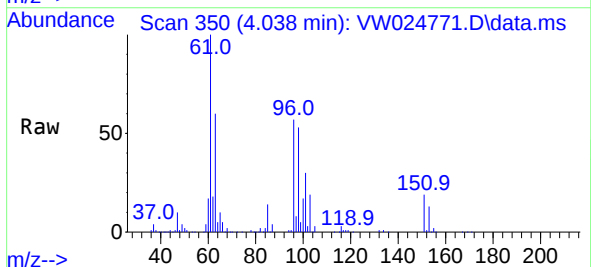
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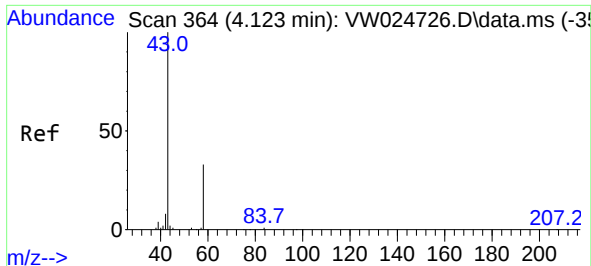
Tgt Ion:101 Resp: 194157
 Ion Ratio Lower Upper
 101 100
 85 44.0 34.9 52.3
 151 67.4 30.9 46.3#



#12
 1,1-Dichloroethene
 Concen: 28.670 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW024771.D
 Acq: 07 Oct 2022 08:38

Tgt Ion: 96 Resp: 188962
 Ion Ratio Lower Upper
 96 100
 61 176.0 124.5 231.1
 63 105.1 84.1 156.1

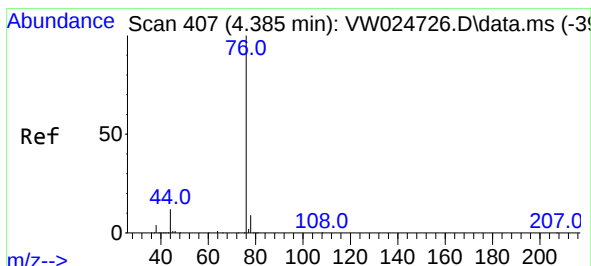
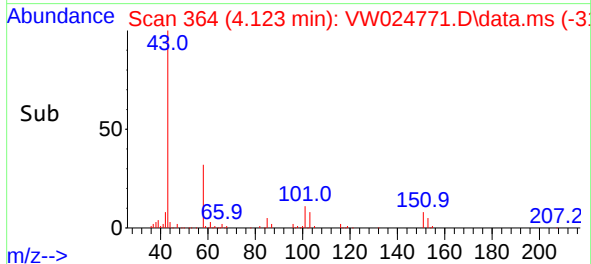
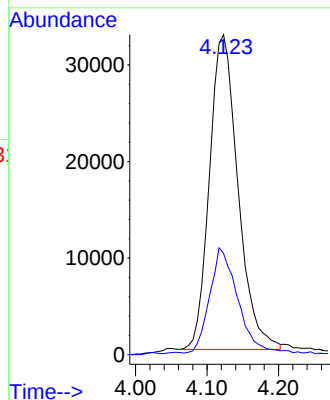
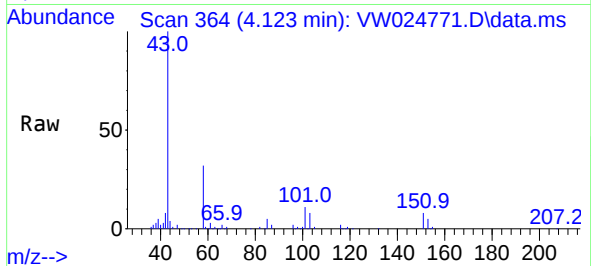




#13
Acetone
Concen: 65.322 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
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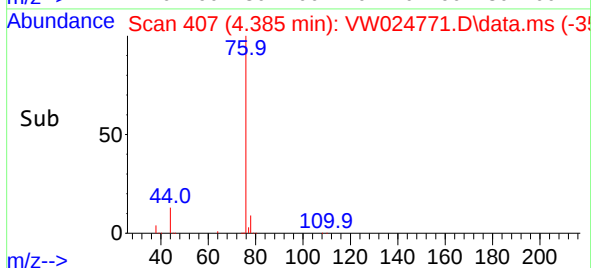
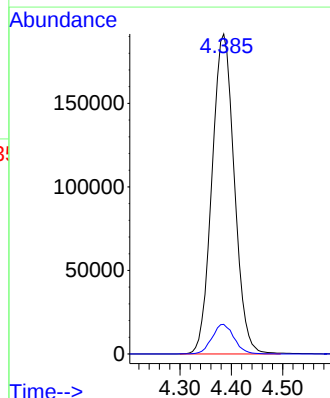
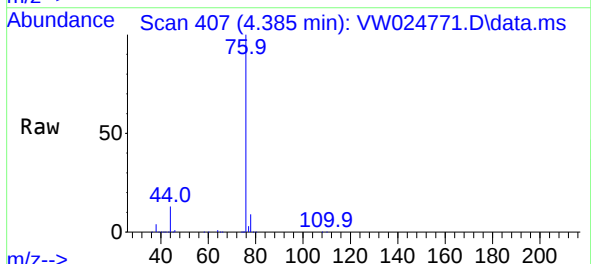
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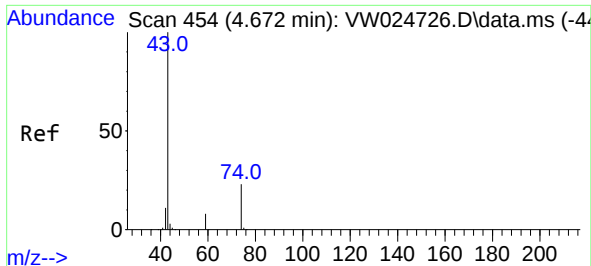
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Ion Ratio Lower Upper
43 100
58 32.7 0.0 67.6



#14
Carbon disulfide
Concen: 27.777 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 577960
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

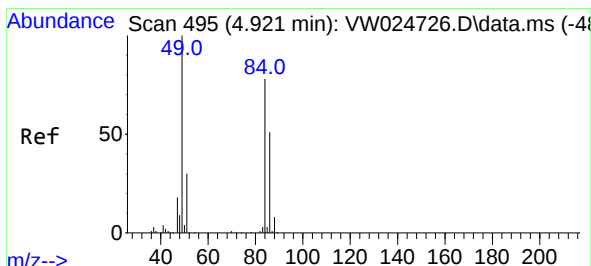
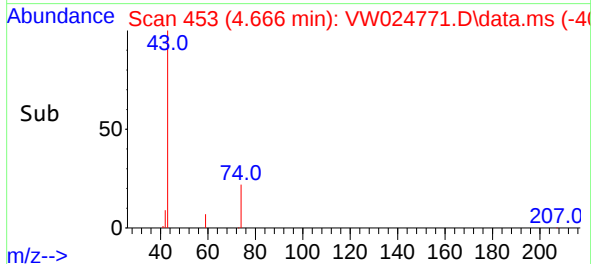
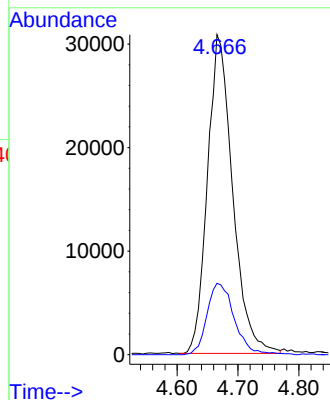
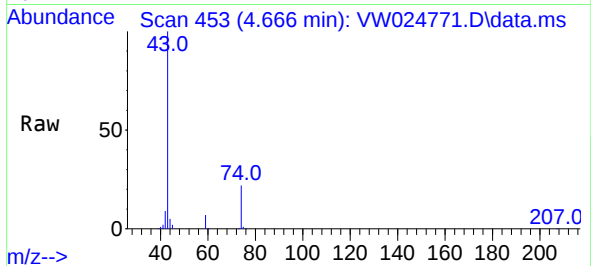




#15
Methyl Acetate
Concen: 28.867 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

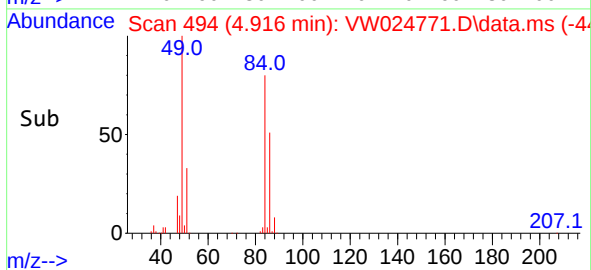
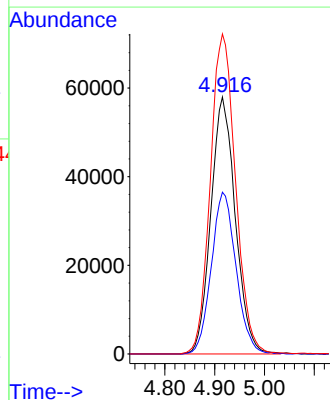
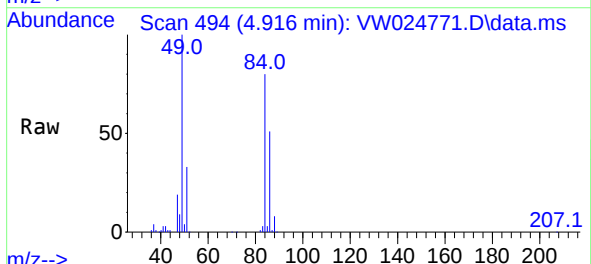
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

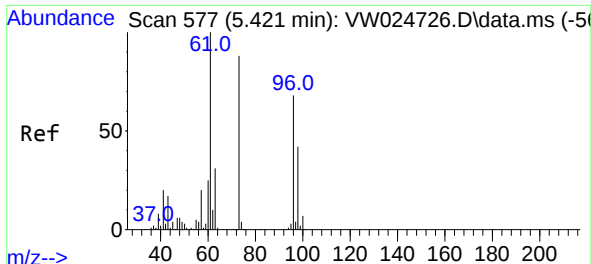
Tgt Ion: 43 Resp: 88384
Ion Ratio Lower Upper
43 100
74 24.2 18.1 27.1



#16
Methylene chloride
Concen: 19.996 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

Tgt Ion: 84 Resp: 197851
Ion Ratio Lower Upper
84 100
86 62.9 44.0 81.8
49 124.5 87.4 162.2

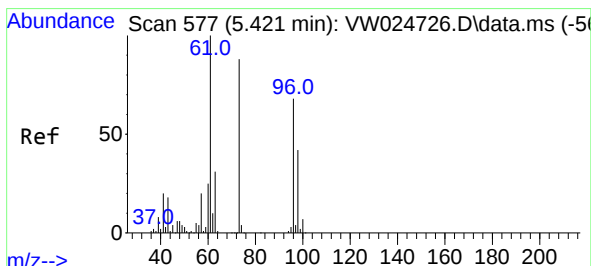
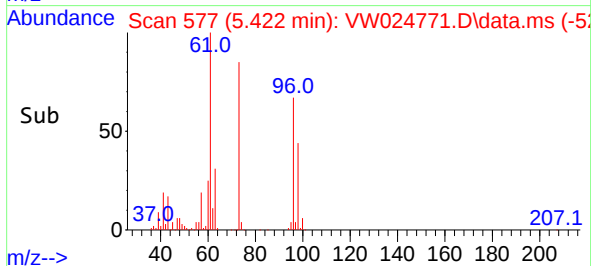
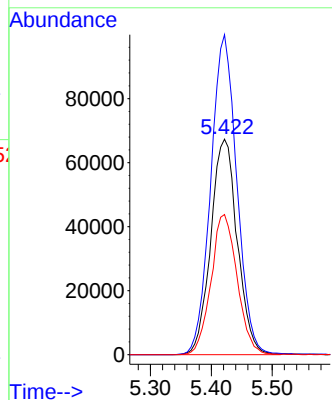
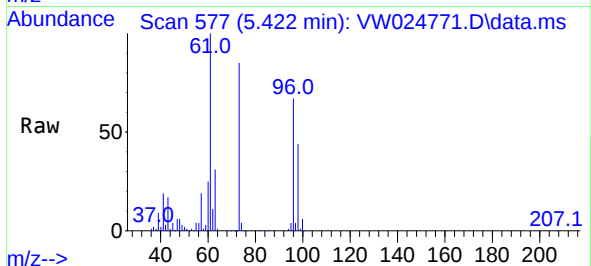




#17
trans-1,2-Dichloroethene
Concen: 27.513 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

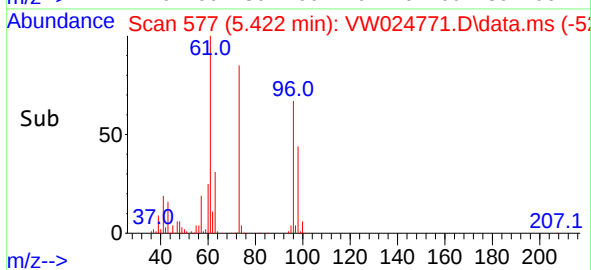
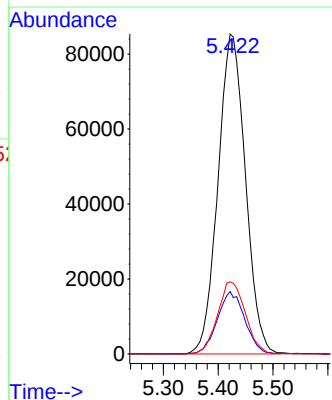
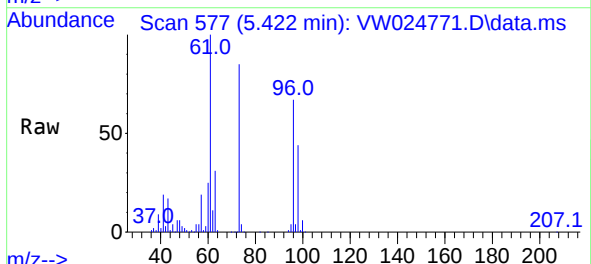
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

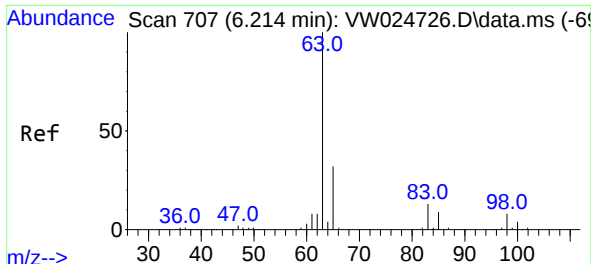
Tgt Ion: 96 Resp: 203748
Ion Ratio Lower Upper
96 100
61 148.5 106.3 197.5
98 65.0 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 25.259 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

Tgt Ion: 73 Resp: 296590
Ion Ratio Lower Upper
73 100
43 19.7 15.6 23.4
57 22.9 18.3 27.5





#19

1,1-Dichloroethane

Concen: 27.467 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW024771.D

Acq: 07 Oct 2022 08:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025588

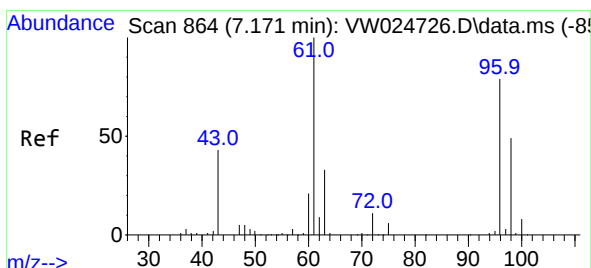
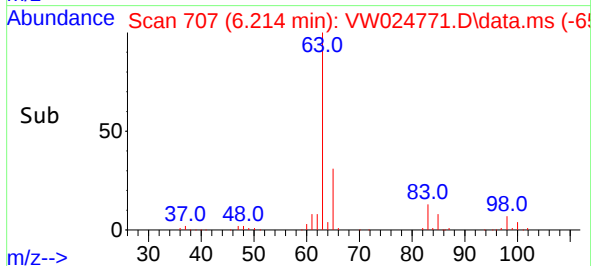
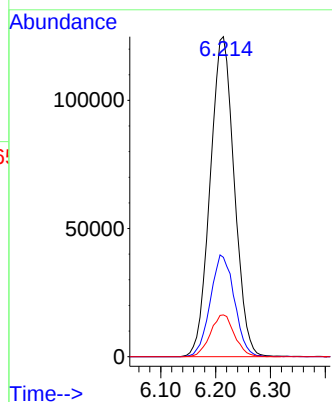
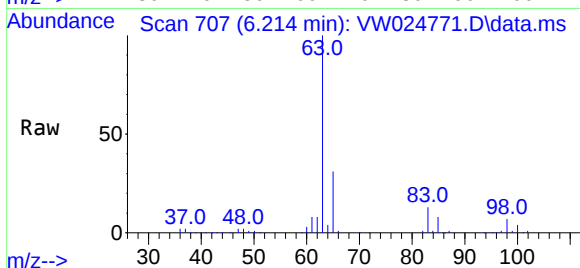
Tgt Ion: 63 Resp: 380547

Ion Ratio Lower Upper

63 100

65 31.1 23.7 43.9

83 13.0 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 27.723 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW024771.D

Acq: 07 Oct 2022 08:38

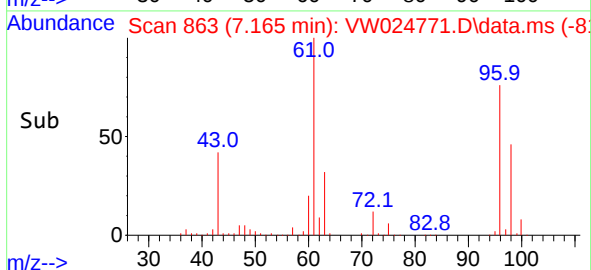
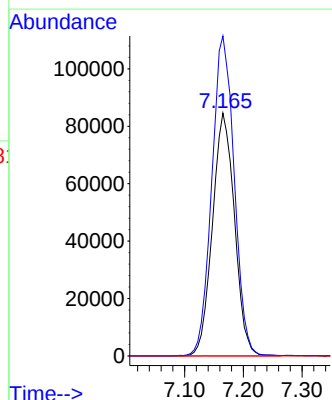
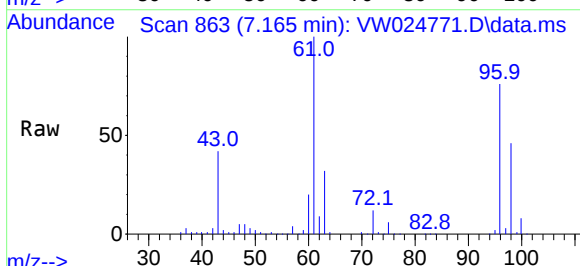
Tgt Ion: 96 Resp: 220284

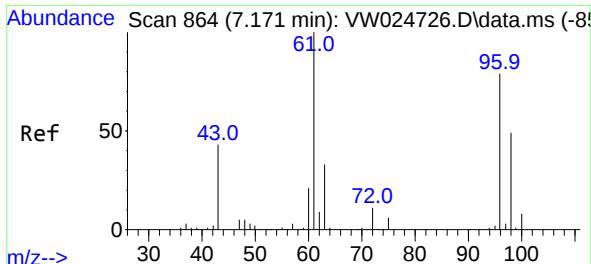
Ion Ratio Lower Upper

96 100

61 131.7 90.2 167.4

68 0.0 0.0 0.0

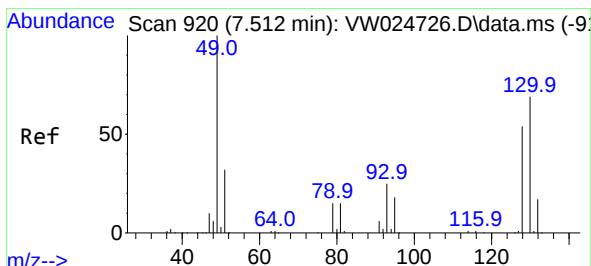
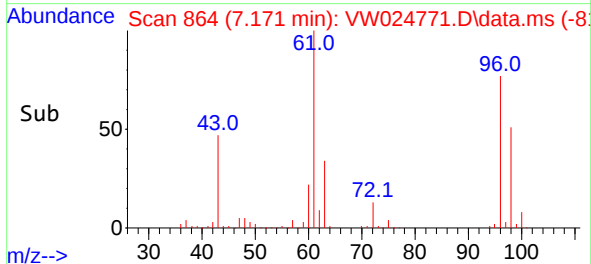
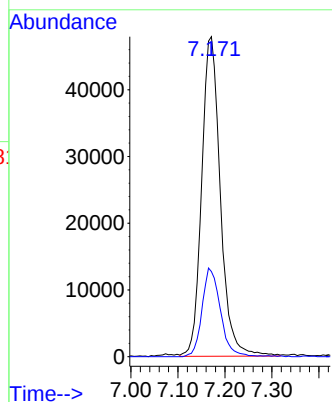
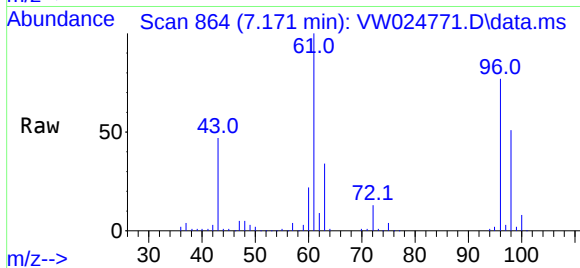




#22
2-Butanone
Concen: 59.957 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

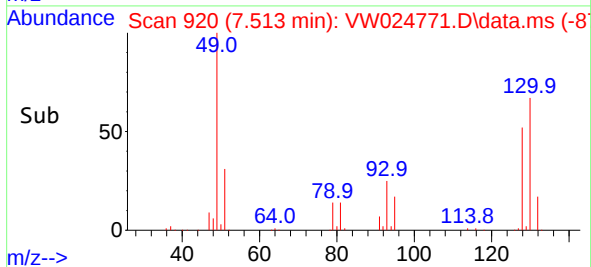
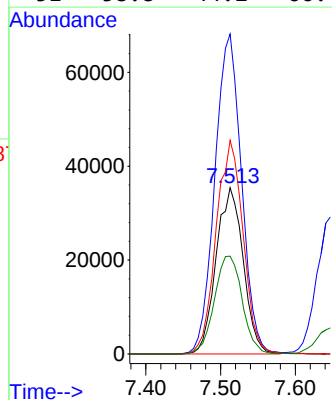
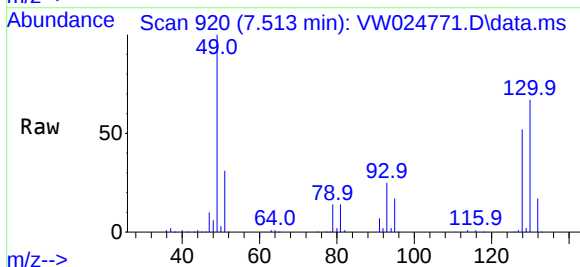
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

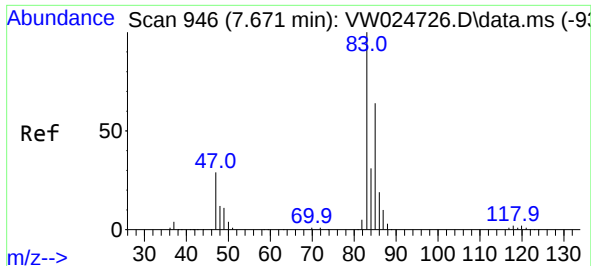
Tgt Ion: 43 Resp: 132605
Ion Ratio Lower Upper
43 100
72 27.0 13.8 41.3



#23
Bromochloromethane
Concen: 27.612 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

Tgt Ion: 128 Resp: 89170
Ion Ratio Lower Upper
128 100
49 192.4 127.3 236.3
130 128.5 90.2 167.4
51 58.8 44.2 66.4

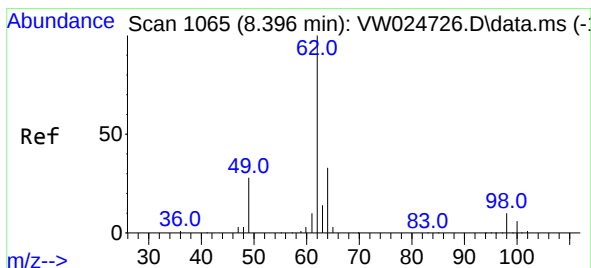
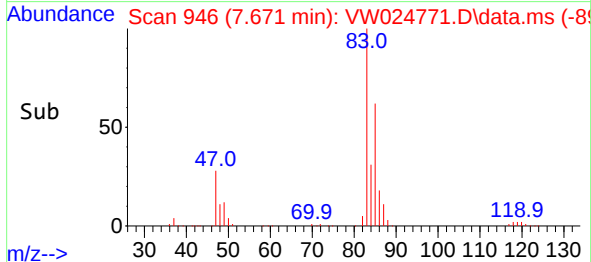
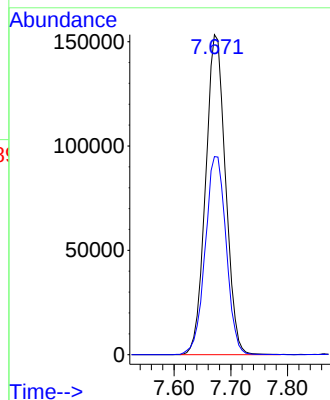
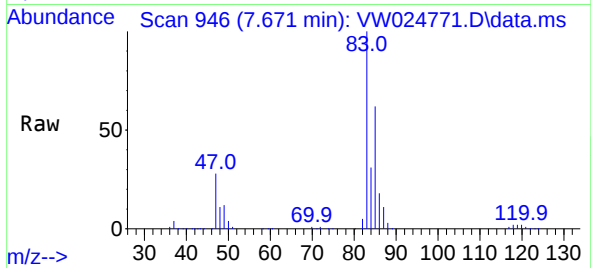




#25
Chloroform
Concen: 28.441 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

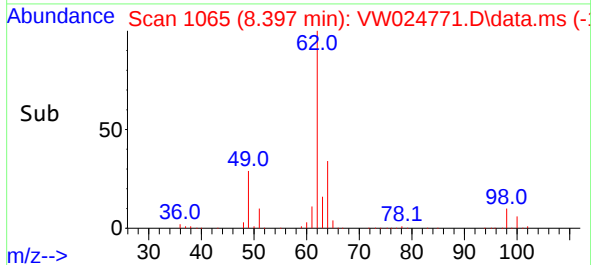
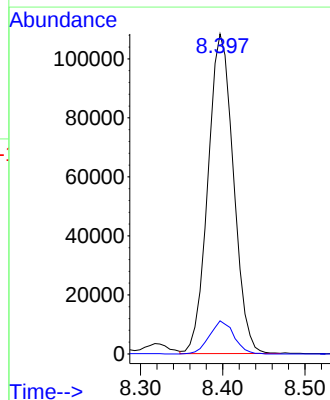
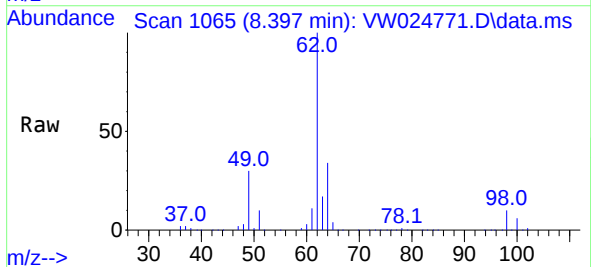
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

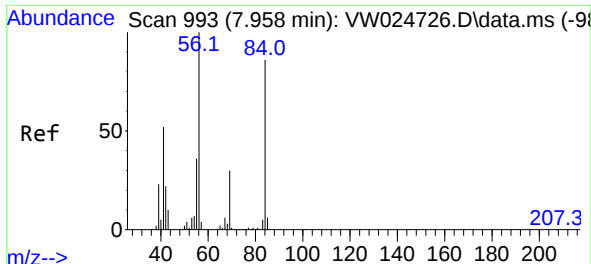
Tgt Ion: 83 Resp: 373665
Ion Ratio Lower Upper
83 100
85 61.9 44.0 81.8



#27
1,2-Dichloroethane
Concen: 28.245 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

Tgt Ion: 62 Resp: 233502
Ion Ratio Lower Upper
62 100
98 10.3 7.8 11.8





#29

Cyclohexane

Concen: 26.025 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW024771.D

Acq: 07 Oct 2022 08:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025588

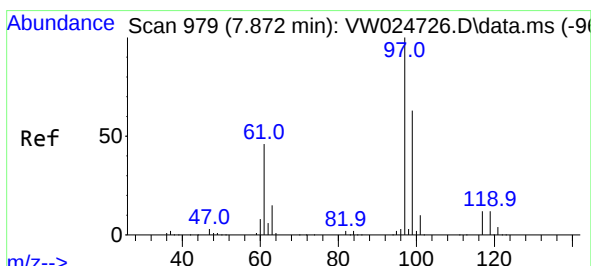
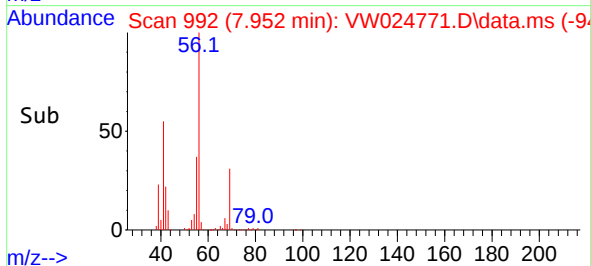
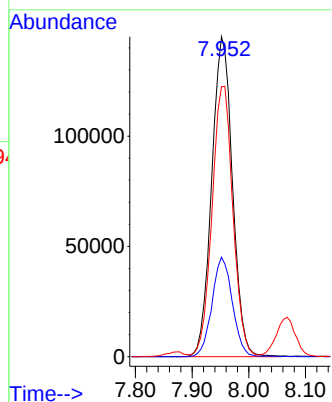
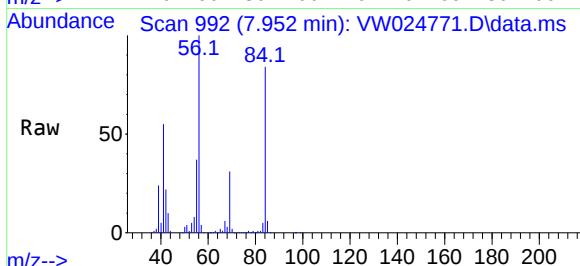
Tgt Ion: 56 Resp: 369375

Ion Ratio Lower Upper

56 100

69 30.4 25.0 37.4

84 85.0 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 26.256 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW024771.D

Acq: 07 Oct 2022 08:38

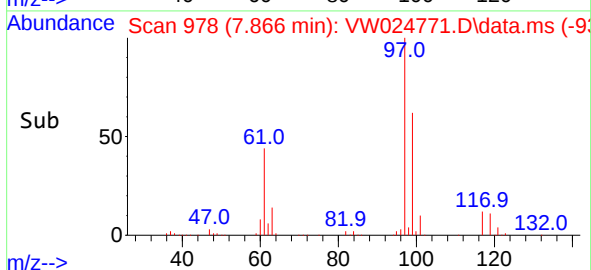
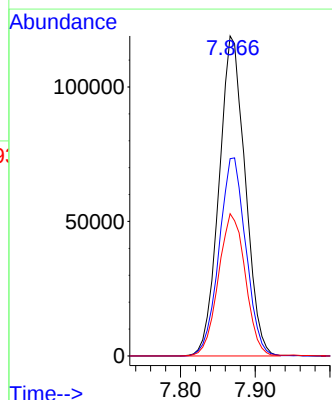
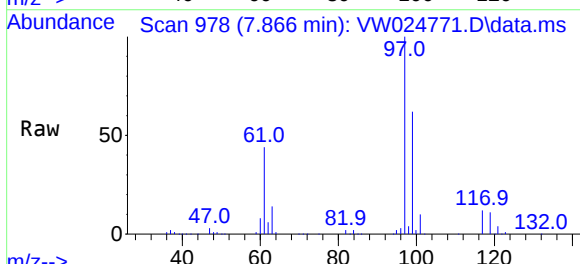
Tgt Ion: 97 Resp: 289512

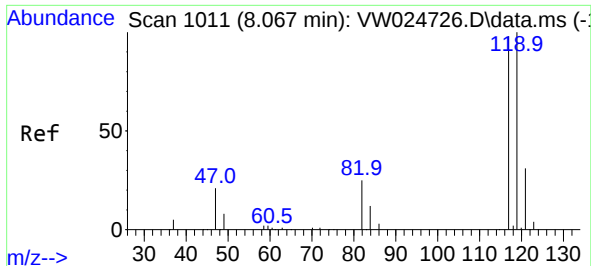
Ion Ratio Lower Upper

97 100

99 63.4 51.1 76.7

61 45.8 35.8 53.6

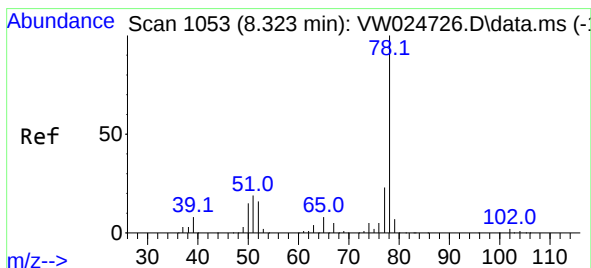
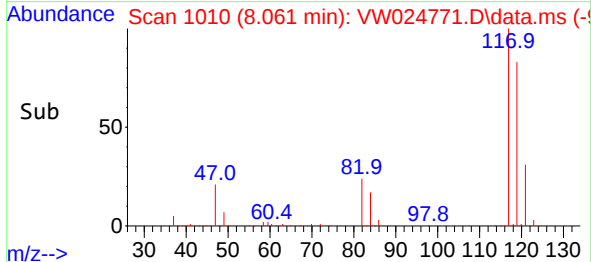
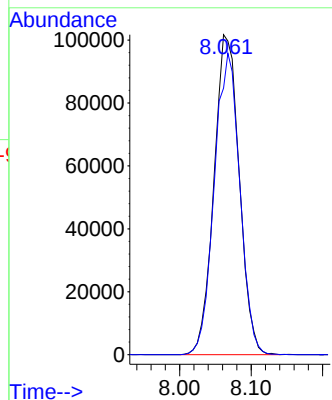
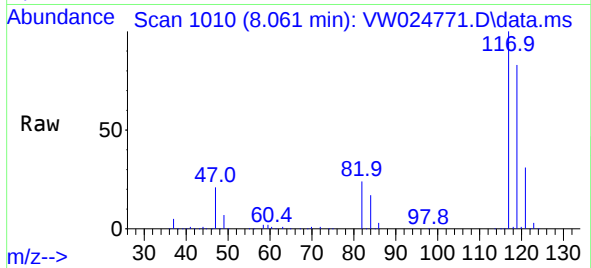




#31
Carbon tetrachloride
Concen: 26.725 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. -0.006 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

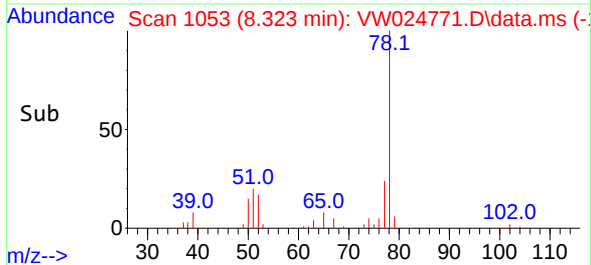
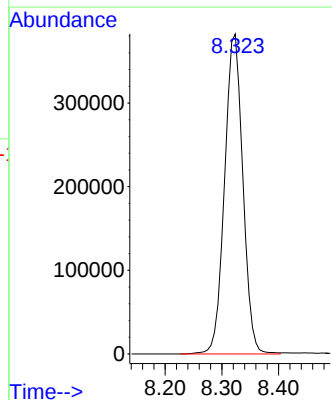
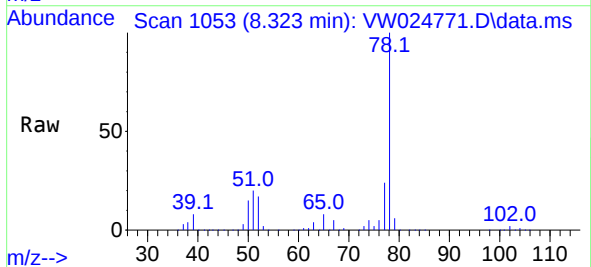
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

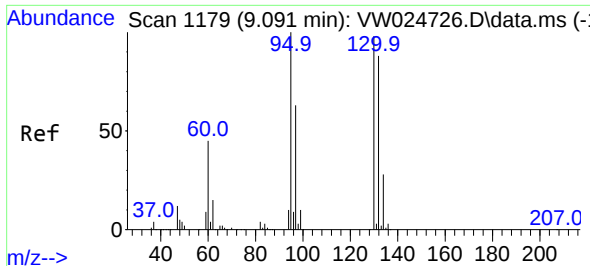
Tgt Ion:117 Resp: 249547
Ion Ratio Lower Upper
117 100
119 95.1 76.2 114.2



#33
Benzene
Concen: 26.828 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

Tgt Ion: 78 Resp: 855656



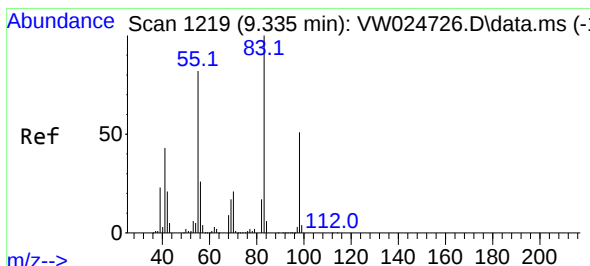
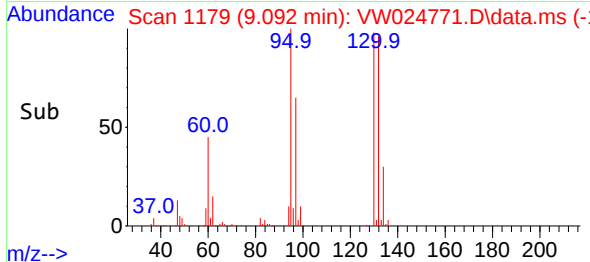
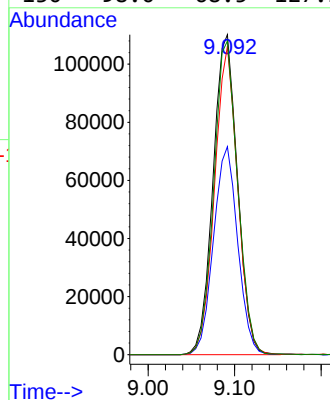
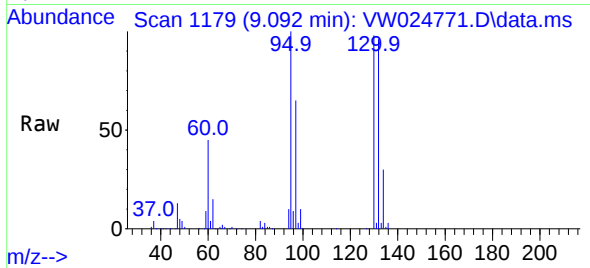


#34
Trichloroethene
Concen: 26.648 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

Tgt Ion: 95 Resp: 215413

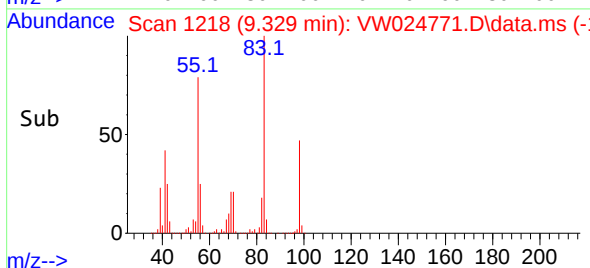
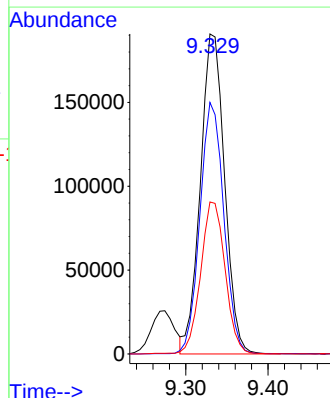
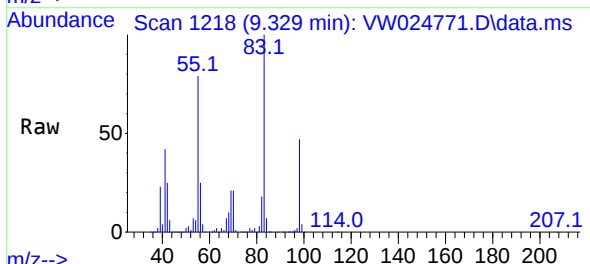
Ion	Ratio	Lower	Upper
95	100		
97	65.0	43.5	80.9
132	96.3	61.2	113.8
130	98.0	68.5	127.1

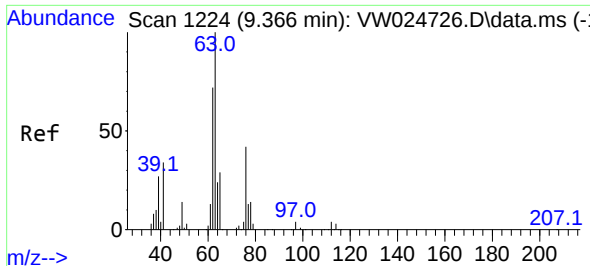


#35
Methylcyclohexane
Concen: 26.398 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

Tgt Ion: 83 Resp: 391186

Ion	Ratio	Lower	Upper
83	100		
55	77.5	63.1	94.7
98	47.9	38.3	57.5

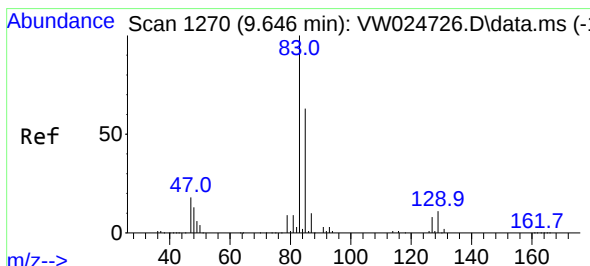
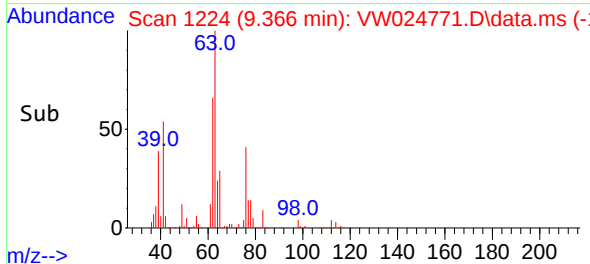
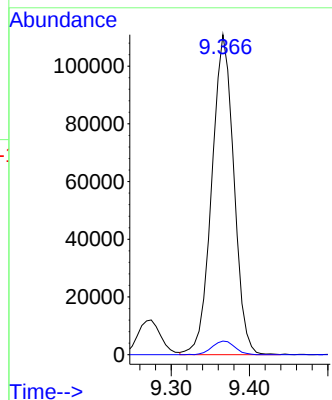
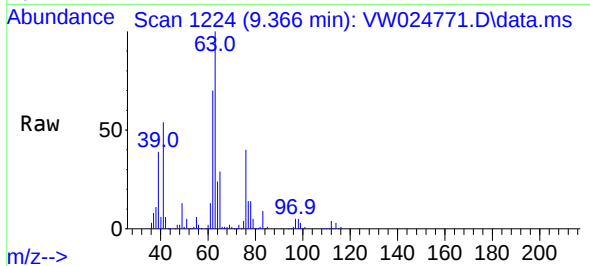




#37
1,2-Dichloropropane
Concen: 27.618 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

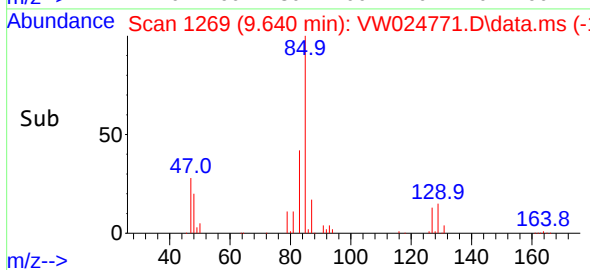
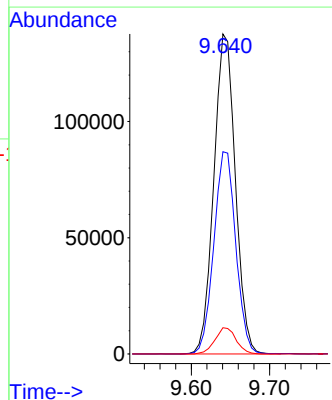
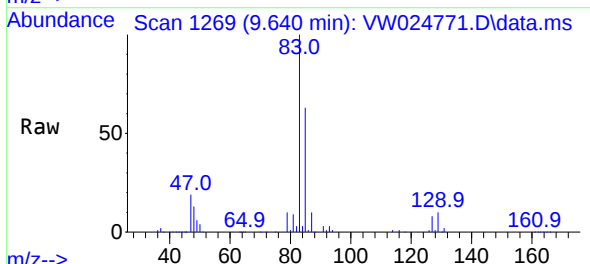
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

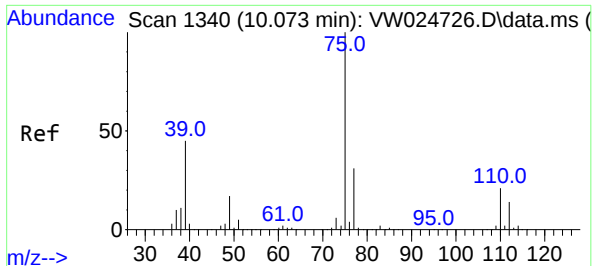
Tgt Ion: 63 Resp: 217452
Ion Ratio Lower Upper
63 100
112 4.4 3.6 5.4



#38
Bromodichloromethane
Concen: 27.179 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

Tgt Ion: 83 Resp: 263242
Ion Ratio Lower Upper
83 100
85 63.2 45.6 84.8
127 8.2 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 25.809 ug/L

RT: 10.067 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW024771.D

Acq: 07 Oct 2022 08:38

Instrument :

MSVOA_W

ClientSampleId :

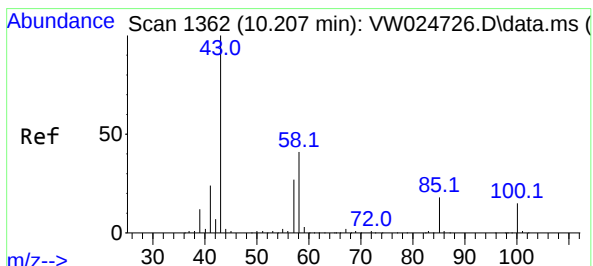
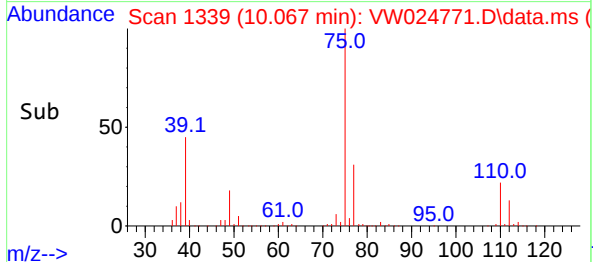
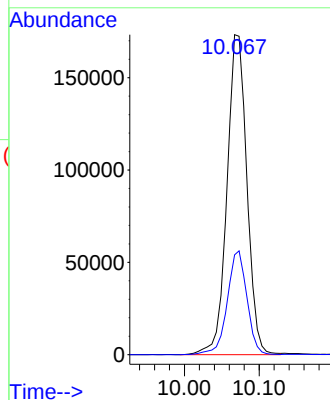
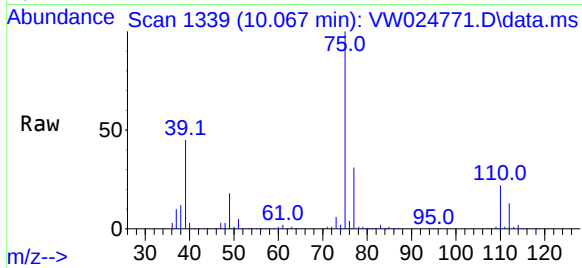
VSTD025588

Tgt Ion: 75 Resp: 321351

Ion Ratio Lower Upper

75 100

77 31.2 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 54.483 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024771.D

Acq: 07 Oct 2022 08:38

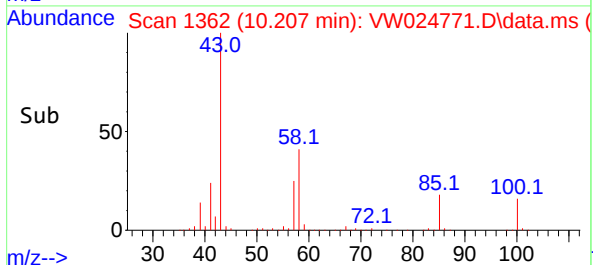
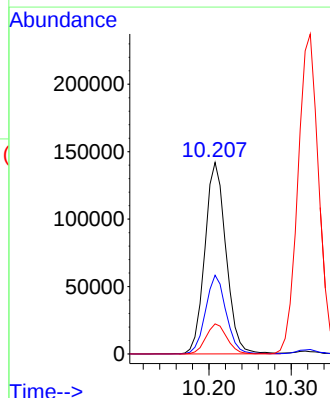
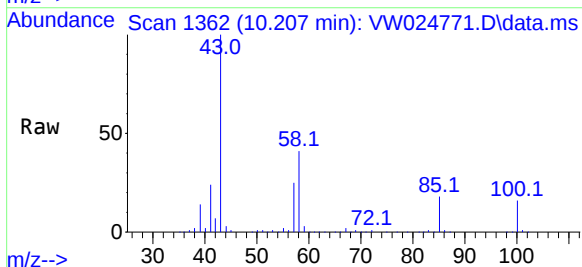
Tgt Ion: 43 Resp: 253919

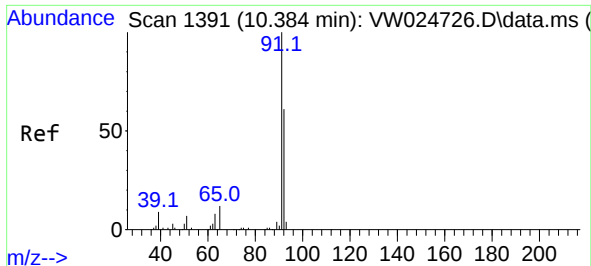
Ion Ratio Lower Upper

43 100

58 40.1 32.9 49.3

100 15.6 12.6 19.0

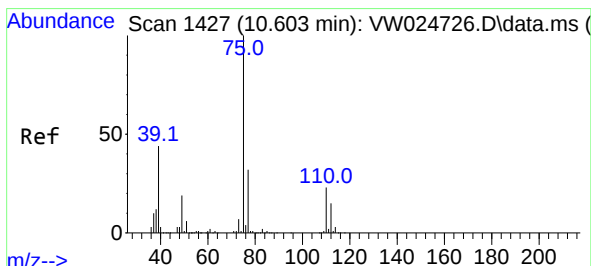
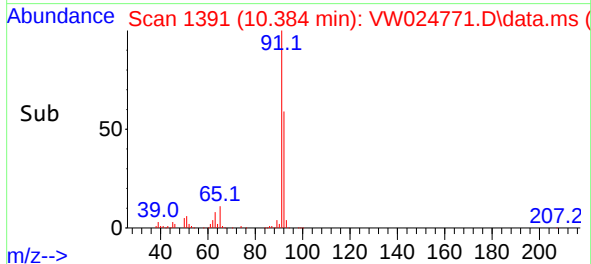
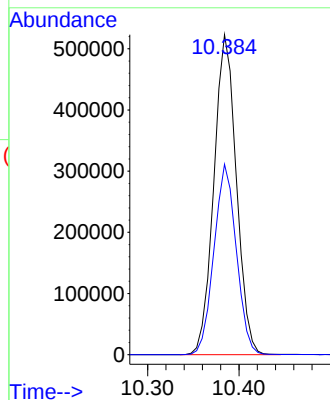
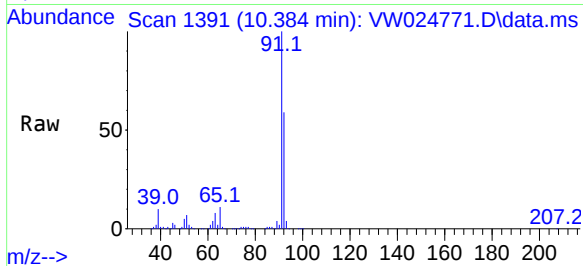




#42
Toluene
Concen: 27.147 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

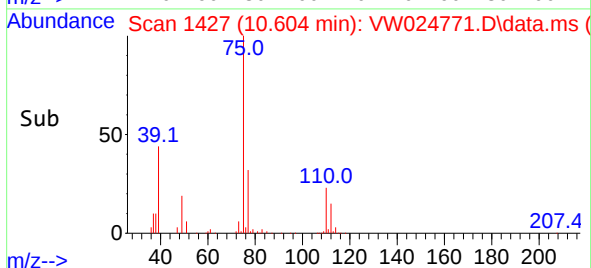
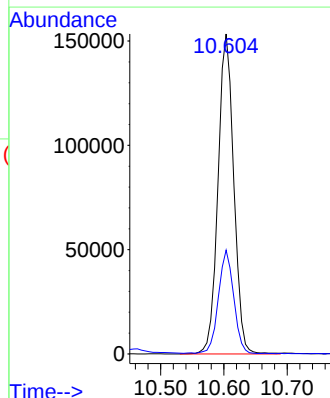
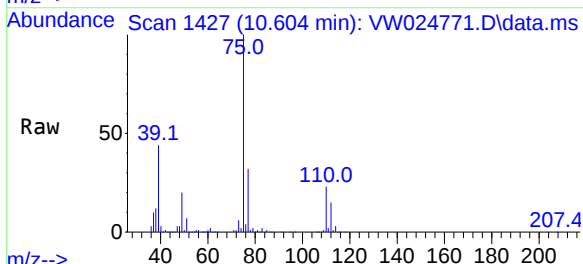
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

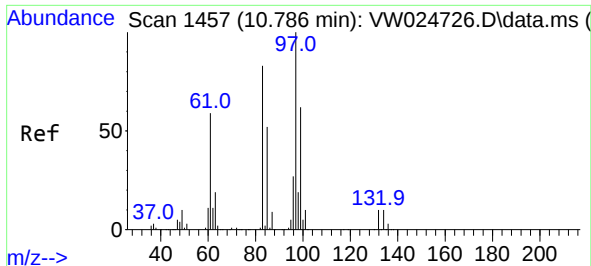
Tgt Ion: 91 Resp: 894119
Ion Ratio Lower Upper
91 100
92 59.5 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 24.812 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

Tgt Ion: 75 Resp: 264870
Ion Ratio Lower Upper
75 100
77 32.5 21.3 39.6



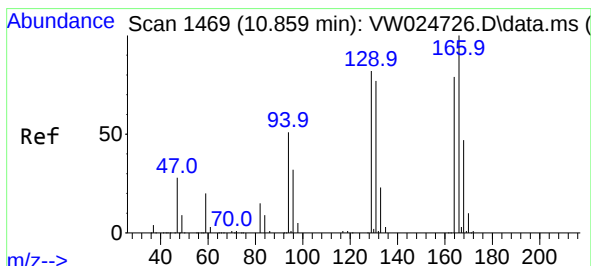
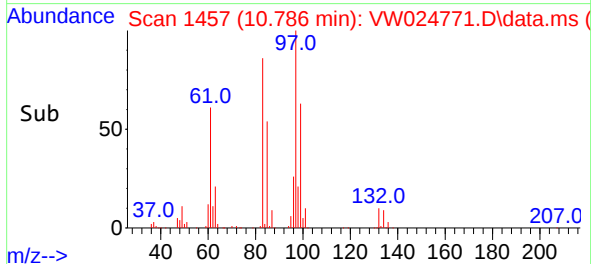
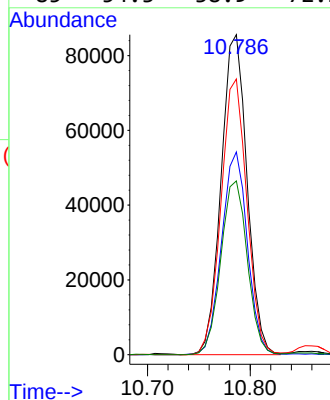
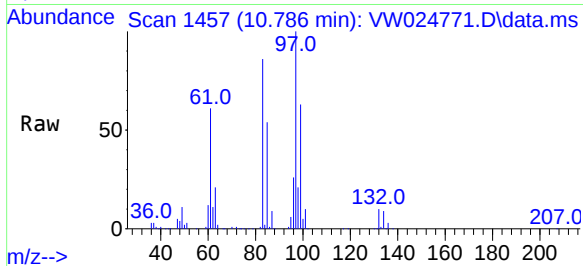


#45
1,1,2-Trichloroethane
Concen: 27.911 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

Tgt Ion: 97 Resp: 150110

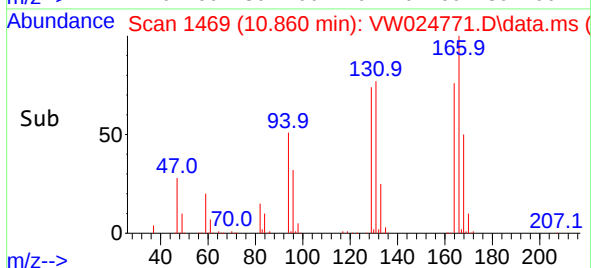
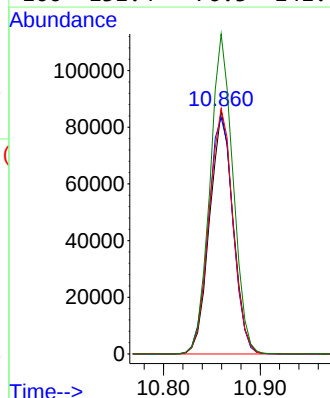
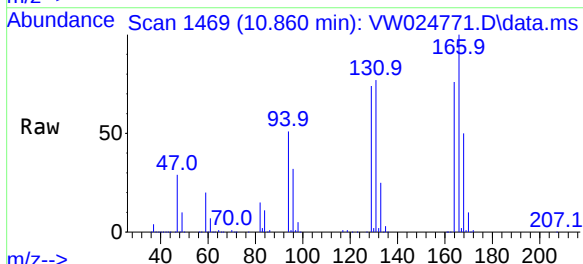
Ion	Ratio	Lower	Upper
97	100		
99	63.3	43.8	81.4
83	86.2	60.1	111.5
85	54.3	38.9	72.2

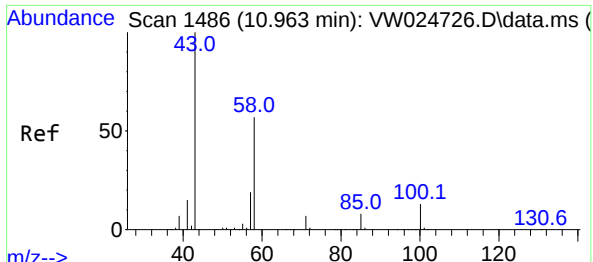


#46
Tetrachloroethene
Concen: 26.138 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

Tgt Ion: 164 Resp: 143563

Ion	Ratio	Lower	Upper
164	100		
129	97.1	74.1	137.5
131	100.8	71.5	132.7
166	131.4	76.3	141.7

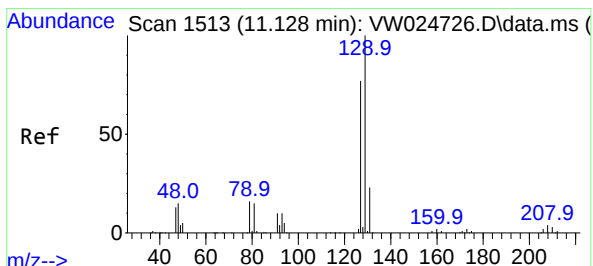
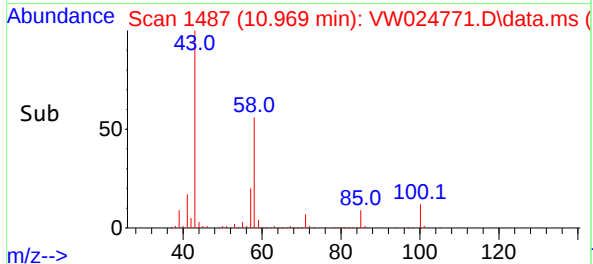
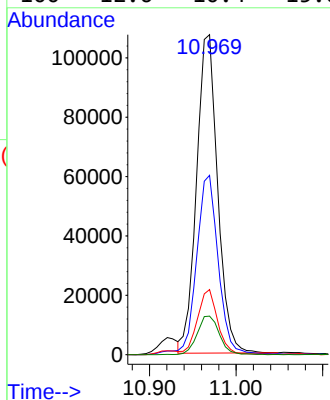
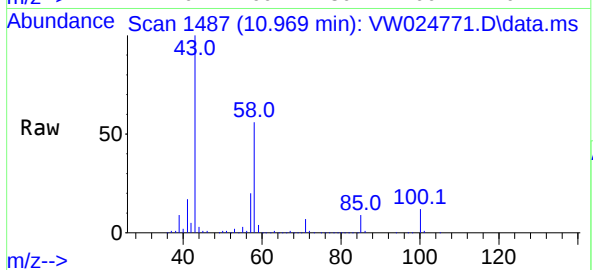




#48
2-Hexanone
Concen: 57.795 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

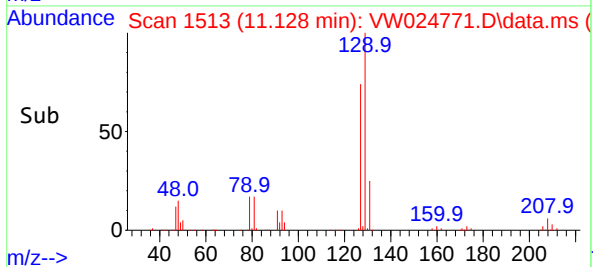
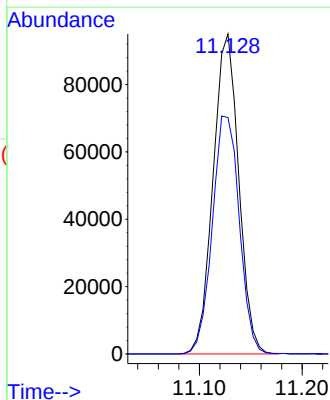
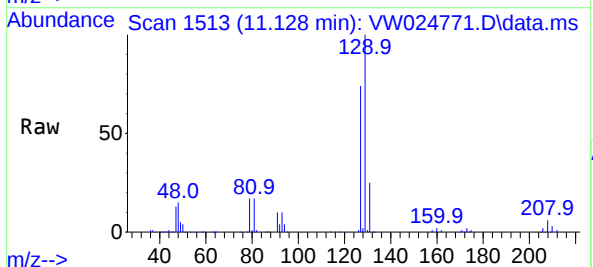
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

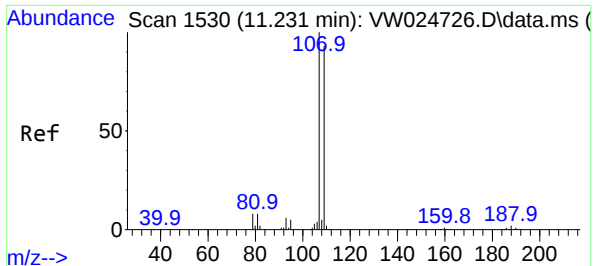
Tgt Ion: 43 Resp: 182138
Ion Ratio Lower Upper
43 100
58 56.6 45.3 67.9
57 19.7 16.3 24.5
100 12.6 10.4 15.6



#49
Dibromochloromethane
Concen: 27.163 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

Tgt Ion:129 Resp: 164499
Ion Ratio Lower Upper
129 100
127 73.9 52.4 97.4



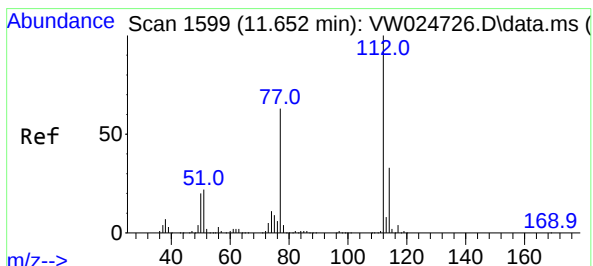
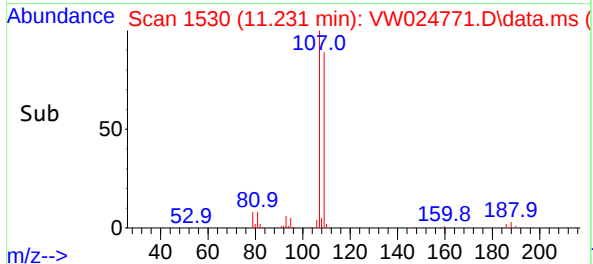
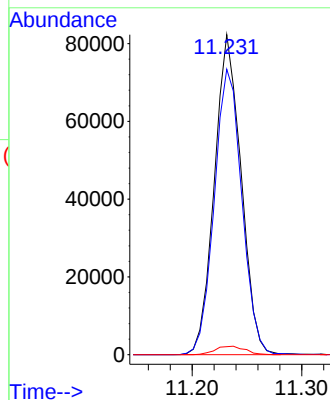
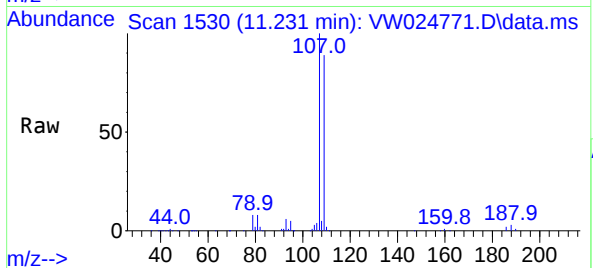


#50
1,2-Dibromoethane
Concen: 27.350 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

Tgt Ion:107 Resp: 139229

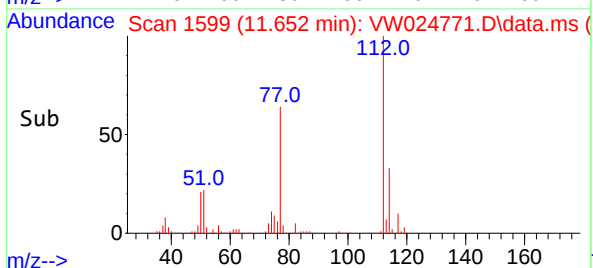
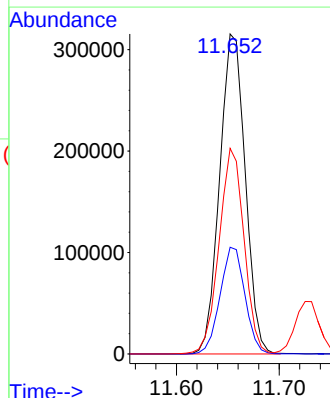
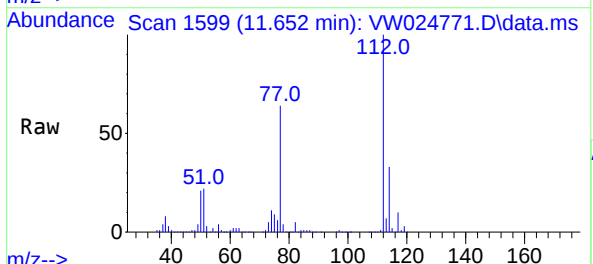
Ion	Ratio	Lower	Upper
107	100		
109	89.2	65.5	121.7
188	2.5	2.4	3.6

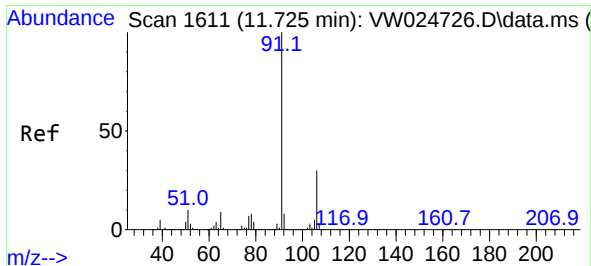


#51
Chlorobenzene
Concen: 27.037 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

Tgt Ion:112 Resp: 545222

Ion	Ratio	Lower	Upper
112	100		
114	33.3	23.3	43.3
77	64.3	49.1	73.7





#52

Ethylbenzene

Concen: 27.649 ug/L

RT: 11.725 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW024771.D

Acq: 07 Oct 2022 08:38

Instrument :

MSVOA_W

ClientSampleId :

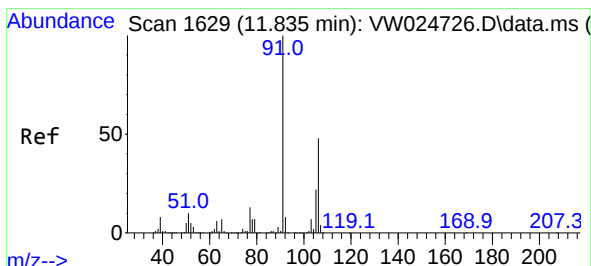
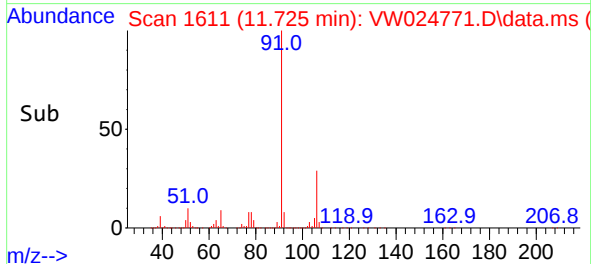
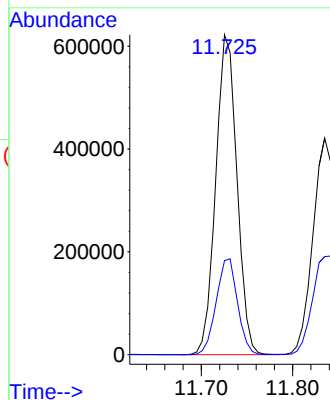
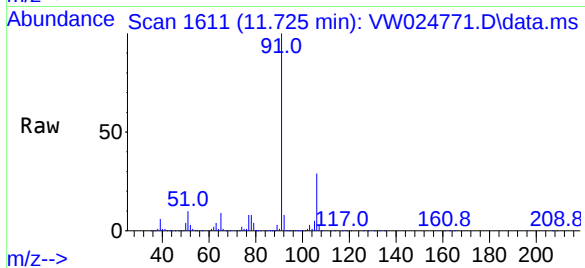
VSTD025588

Tgt Ion: 91 Resp: 1003056

Ion Ratio Lower Upper

91 100

106 29.4 21.5 39.9



#53

m,p-Xylene

Concen: 26.884 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VW024771.D

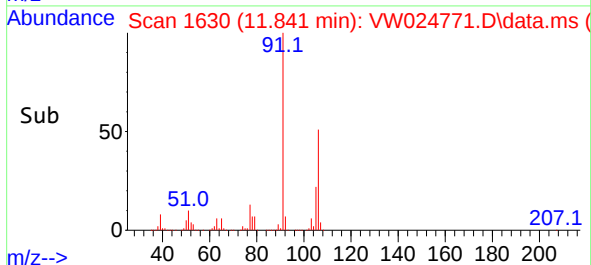
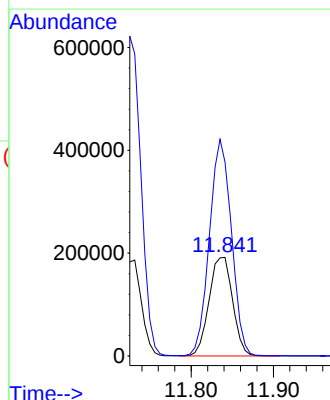
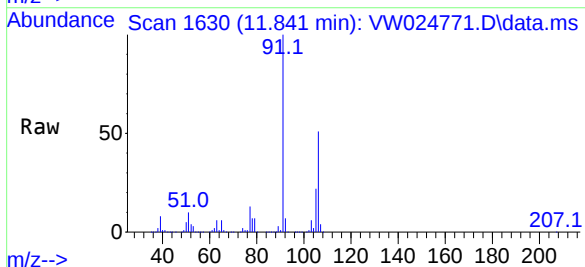
Acq: 07 Oct 2022 08:38

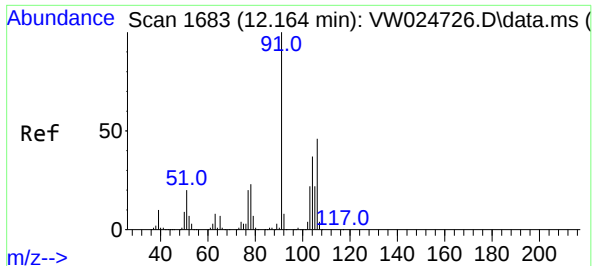
Tgt Ion:106 Resp: 380851

Ion Ratio Lower Upper

106 100

91 196.8 146.8 272.6

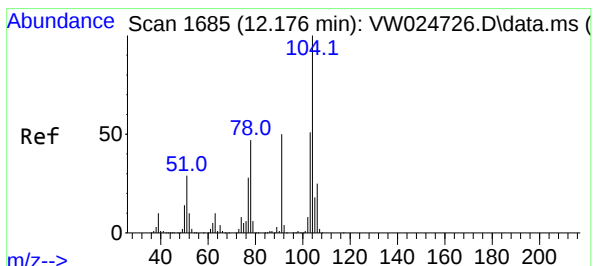
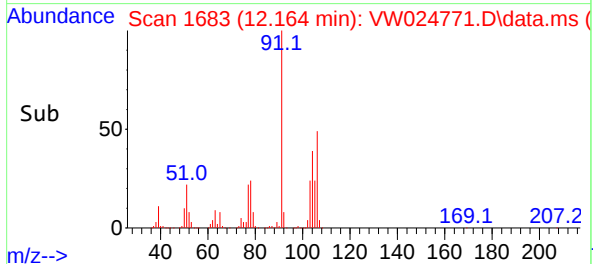
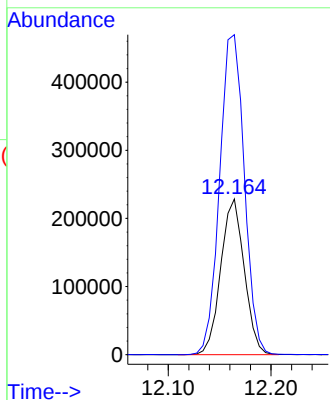
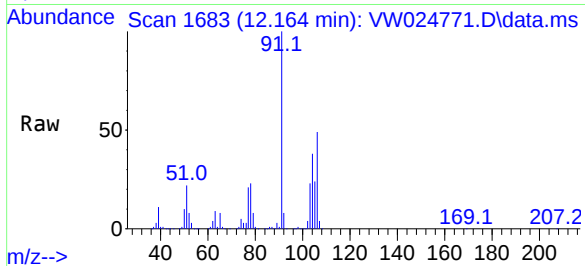




#54
o-Xylene
Concen: 27.100 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

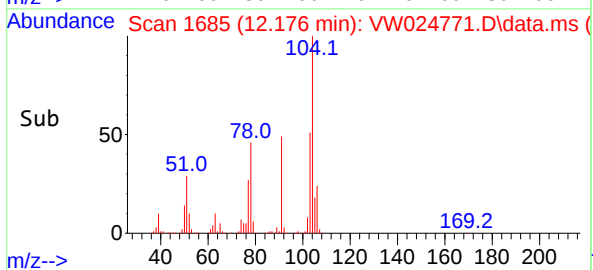
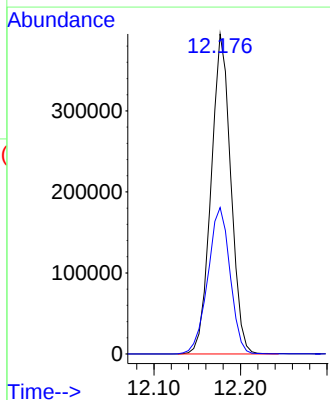
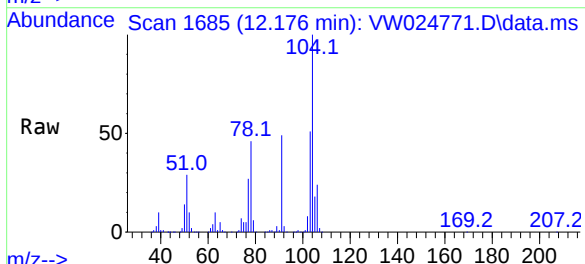
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

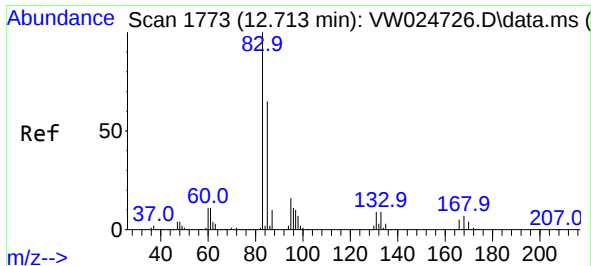
Tgt Ion:106 Resp: 362530
Ion Ratio Lower Upper
106 100
91 205.5 146.3 271.7



#55
Styrene
Concen: 27.725 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

Tgt Ion:104 Resp: 625252
Ion Ratio Lower Upper
104 100
78 45.7 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 28.821 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW024771.D

Acq: 07 Oct 2022 08:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025588

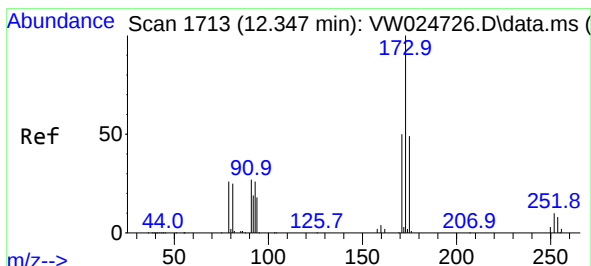
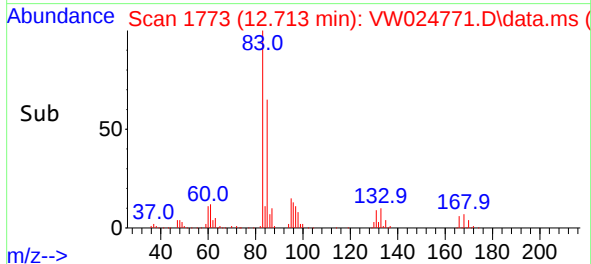
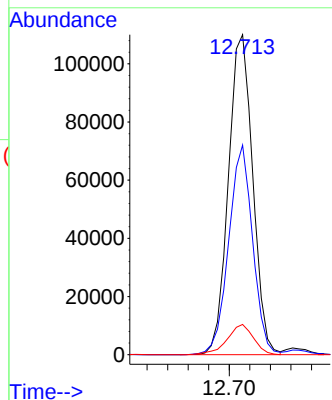
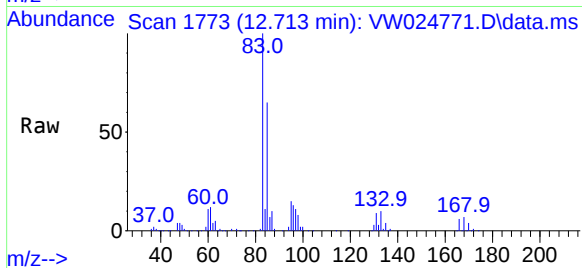
Tgt Ion: 83 Resp: 181492

Ion Ratio Lower Upper

83 100

85 65.5 45.2 84.0

131 9.4 7.3 10.9



#59

Bromoform

Concen: 24.748 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024771.D

Acq: 07 Oct 2022 08:38

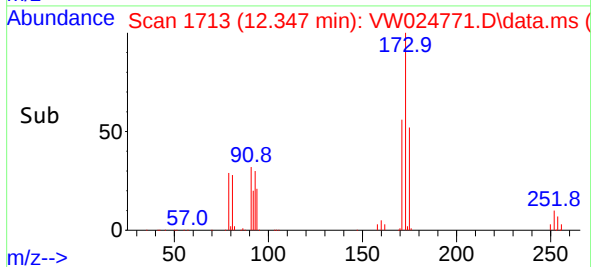
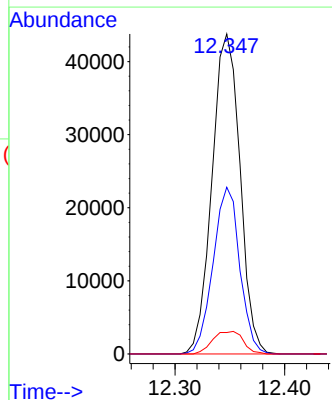
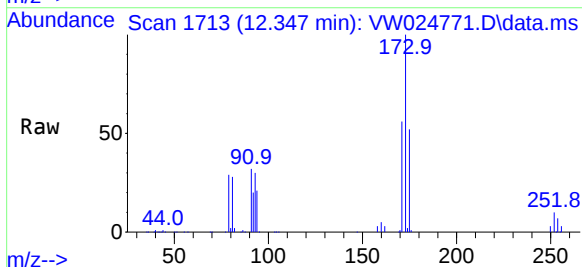
Tgt Ion:173 Resp: 77683

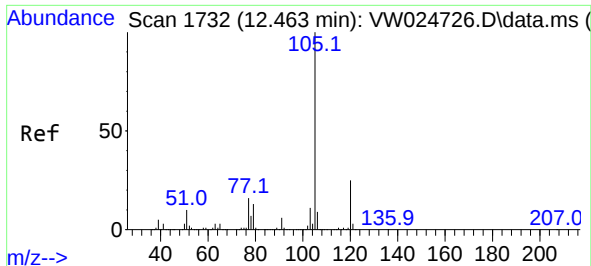
Ion Ratio Lower Upper

173 100

175 49.6 37.7 56.5

254 7.7 6.7 10.1

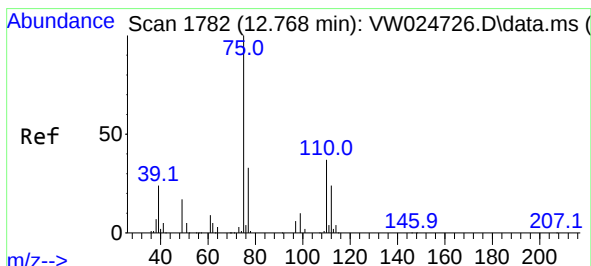
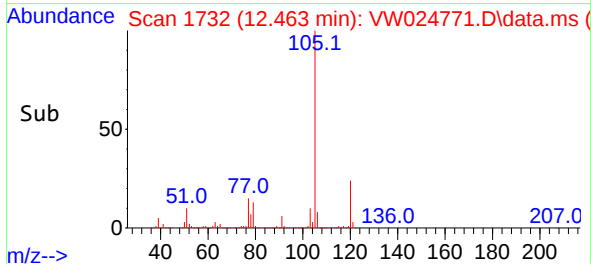
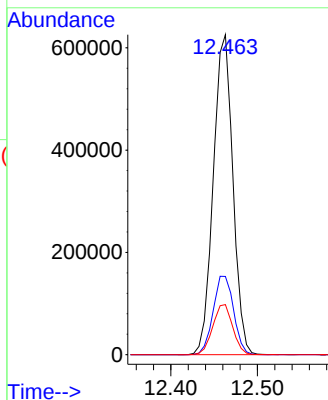
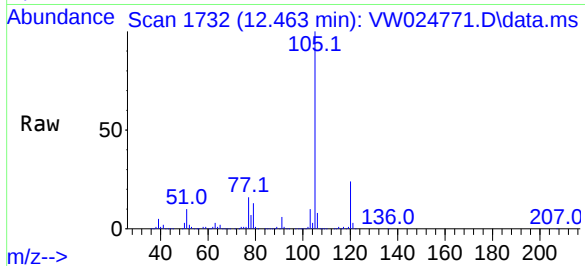




#60
Isopropylbenzene
Concen: 27.122 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

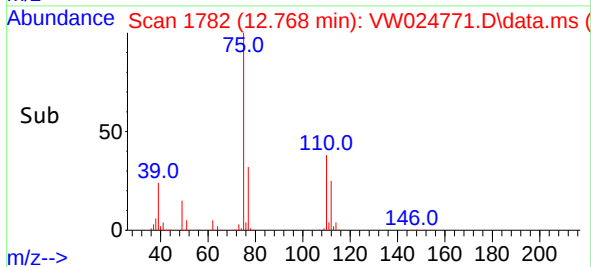
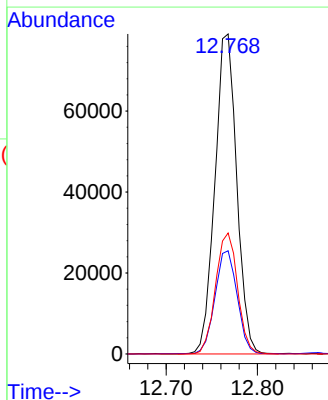
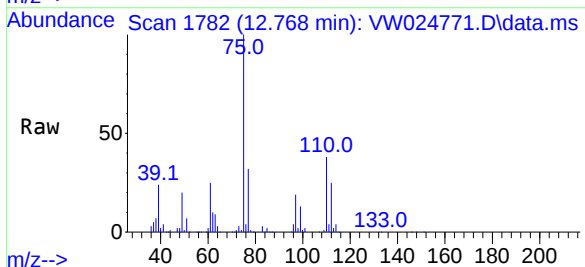
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

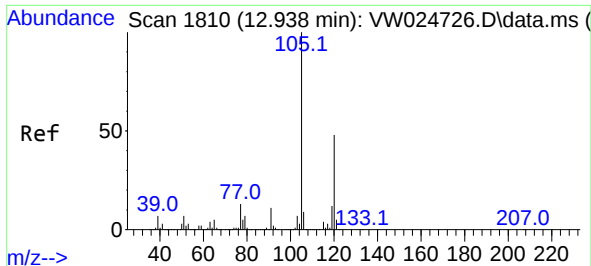
Tgt Ion:105 Resp: 981629
Ion Ratio Lower Upper
105 100
120 25.7 20.9 31.3
77 16.0 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 27.432 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

Tgt Ion: 75 Resp: 131222
Ion Ratio Lower Upper
75 100
77 32.8 25.8 38.6
110 38.1 29.2 43.8

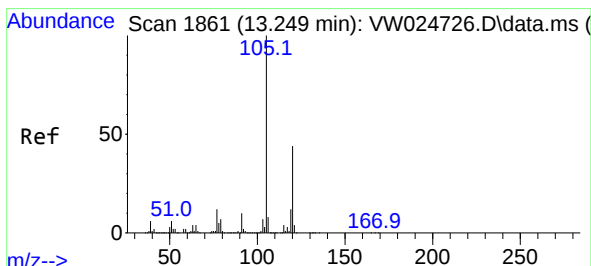
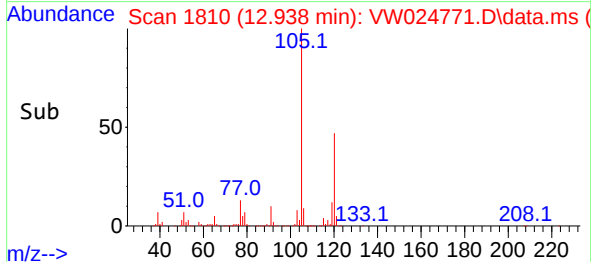
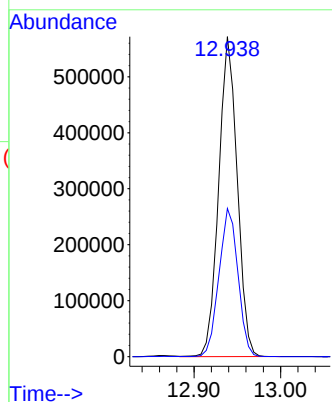
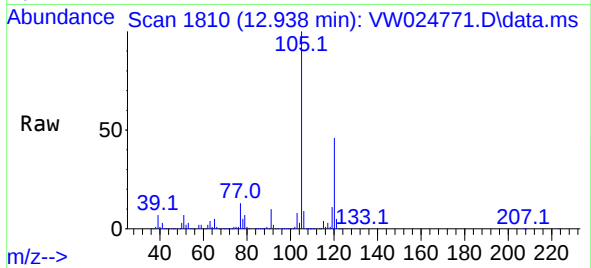




#62
1,3,5-Trimethylbenzene
Concen: 26.932 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

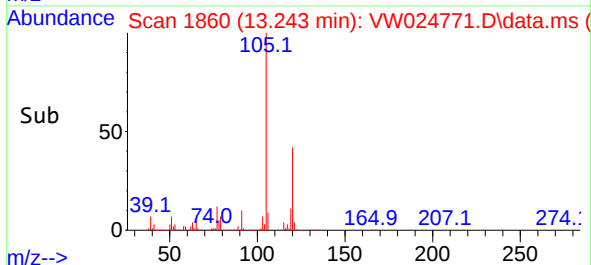
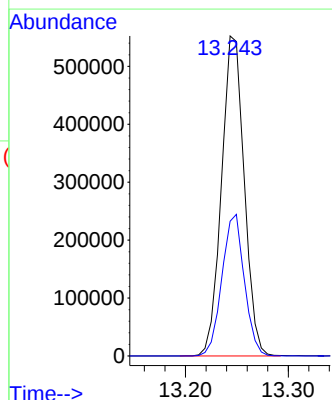
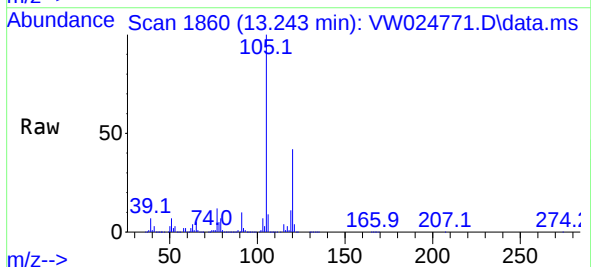
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

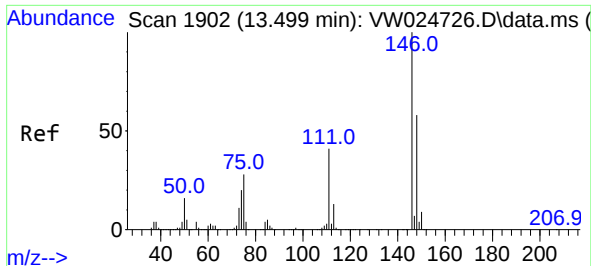
Tgt Ion:105 Resp: 847215
Ion Ratio Lower Upper
105 100
120 47.6 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 27.499 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

Tgt Ion:105 Resp: 847440
Ion Ratio Lower Upper
105 100
120 43.6 35.2 52.8

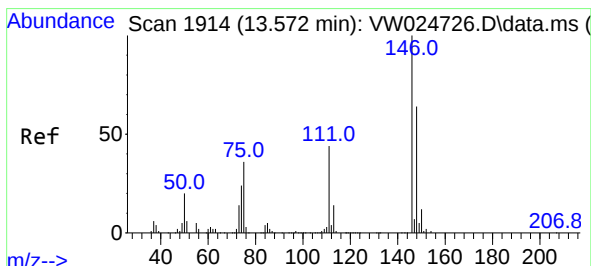
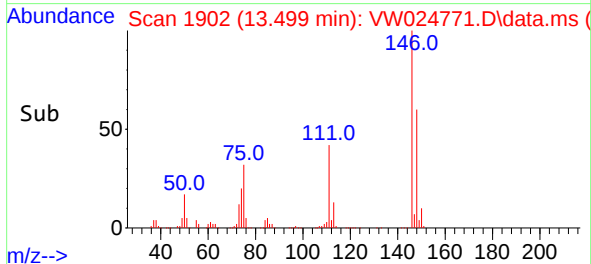
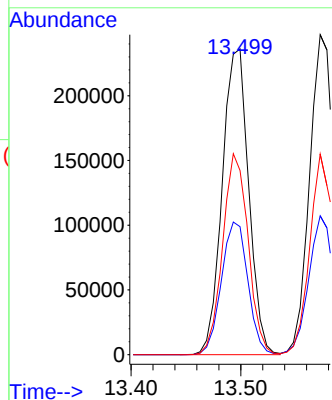
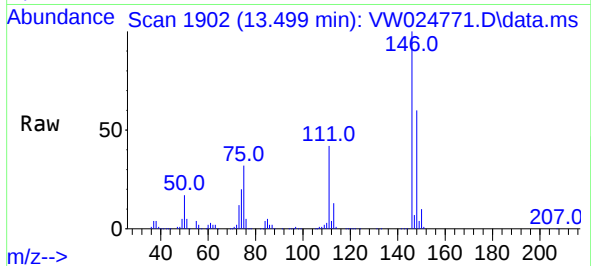




#64
1,3-Dichlorobenzene
Concen: 26.918 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

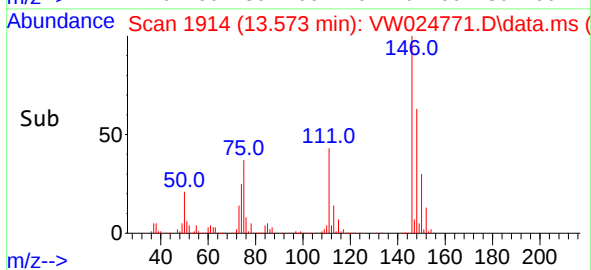
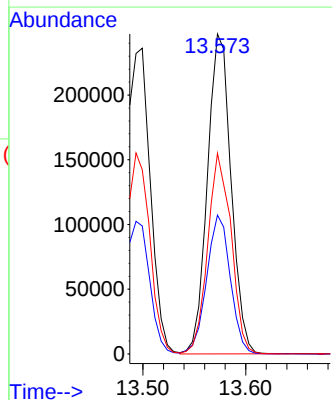
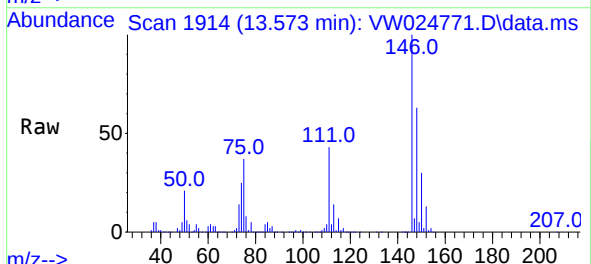
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

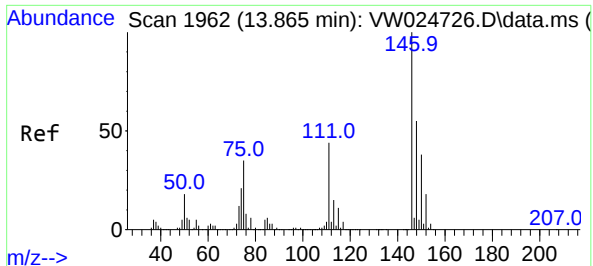
Tgt Ion:146 Resp: 395793
Ion Ratio Lower Upper
146 100
111 41.8 31.6 58.6
148 60.2 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 27.621 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

Tgt Ion:146 Resp: 395357
Ion Ratio Lower Upper
146 100
111 43.4 29.4 54.6
148 62.7 39.6 73.6



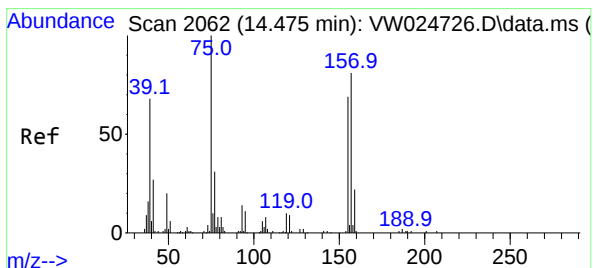
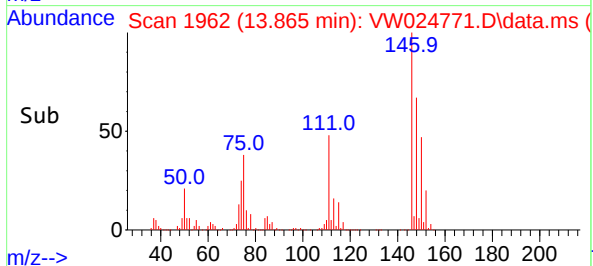
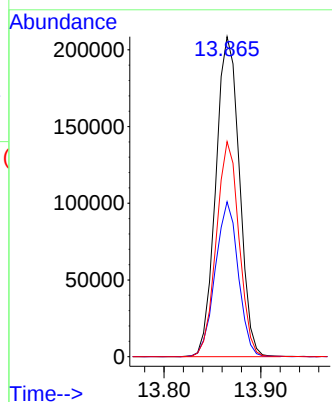
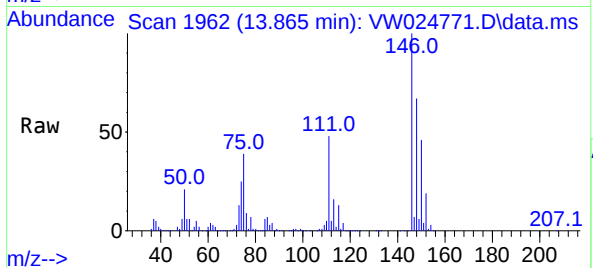


#67
1,2-Dichlorobenzene
Concen: 27.594 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

Tgt Ion:146 Resp: 353401

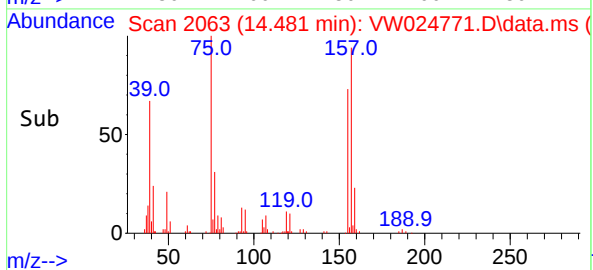
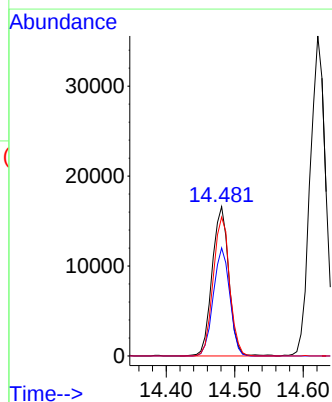
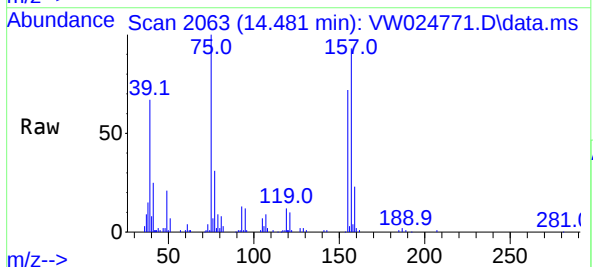
Ion	Ratio	Lower	Upper
146	100		
111	48.4	37.2	55.8
148	67.2	53.0	79.6



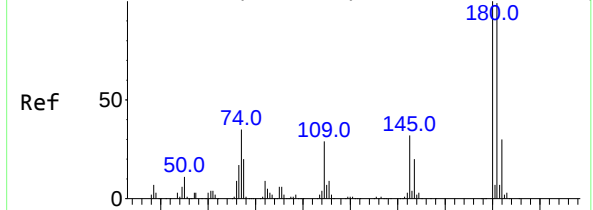
#68
1,2-Dibromo-3-chloropropane
Concen: 24.883 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

Tgt Ion: 75 Resp: 28147

Ion	Ratio	Lower	Upper
75	100		
155	72.3	57.6	86.4
157	93.0	73.0	109.6

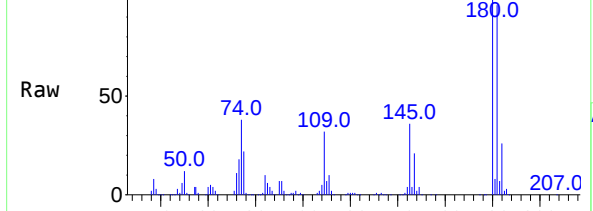


Abundance Scan 2087 (14.627 min): VW024726.D\data.ms (



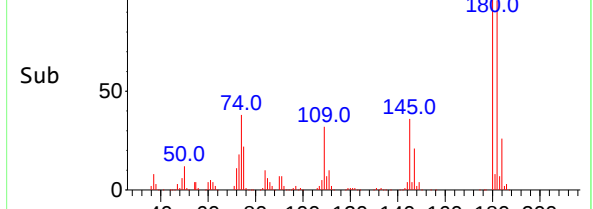
m/z-->

Abundance Scan 2086 (14.621 min): VW024771.D\data.ms



m/z-->

Abundance Scan 2086 (14.621 min): VW024771.D\data.ms (



m/z-->

#69

1,3,5-Trichlorobenzene

Concen: 25.827 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.000 min

Lab File: VW024771.D

Acq: 07 Oct 2022 08:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025588

Tgt Ion:180 Resp: 252147

Ion Ratio Lower Upper

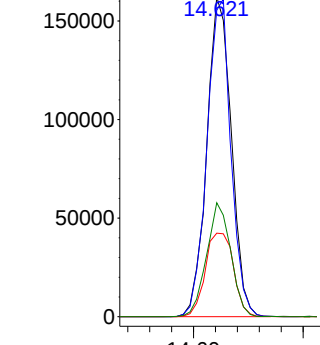
180 100

182 96.8 77.1 115.7

184 30.0 23.3 34.9

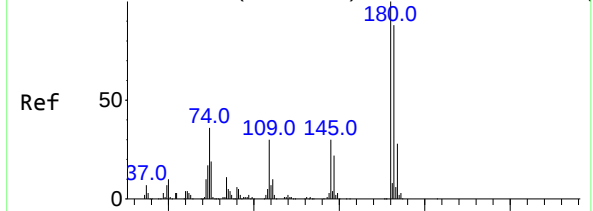
145 35.1 27.4 41.2

Abundance



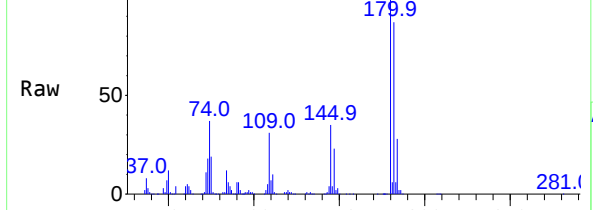
Time-->

Abundance Scan 2169 (15.127 min): VW024726.D\data.ms (



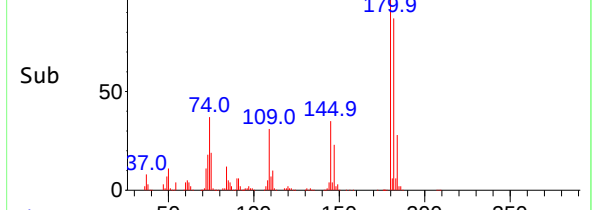
m/z-->

Abundance Scan 2169 (15.127 min): VW024771.D\data.ms



m/z-->

Abundance Scan 2169 (15.127 min): VW024771.D\data.ms (



m/z-->

#70

1,2,4-trichlorobenzene

Concen: 25.981 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024771.D

Acq: 07 Oct 2022 08:38

Tgt Ion:180 Resp: 213093

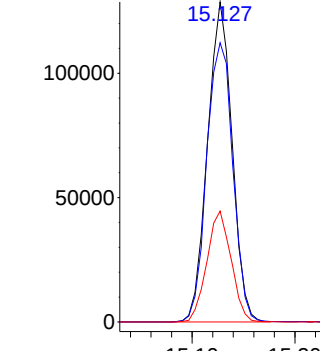
Ion Ratio Lower Upper

180 100

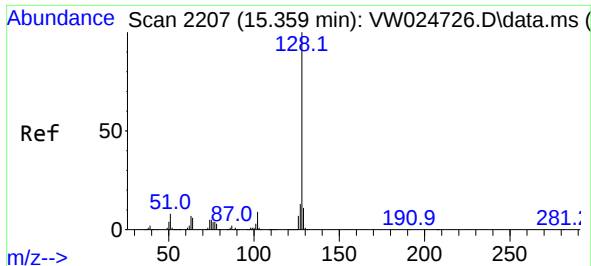
182 93.0 76.8 115.2

145 34.2 29.0 43.4

Abundance



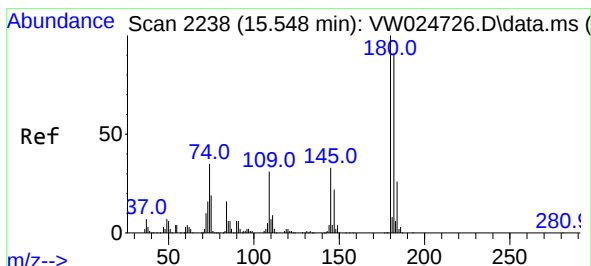
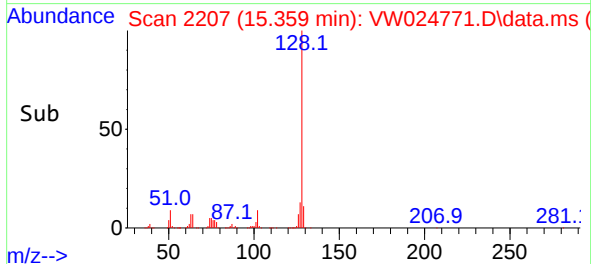
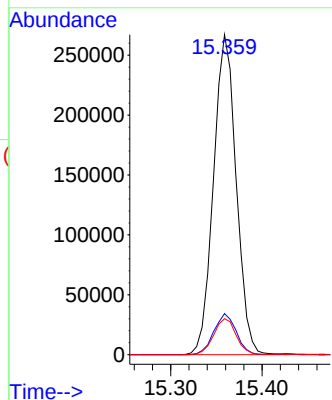
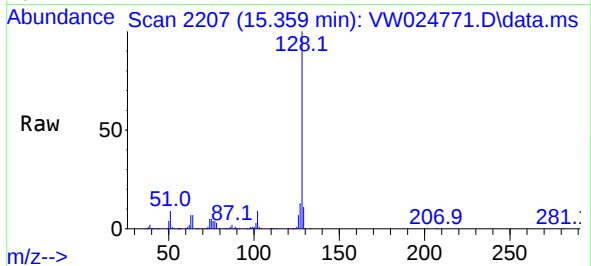
Time-->



#71
Naphthalene
Concen: 25.829 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

Tgt Ion:128 Resp: 461272
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 11.2 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 24.264 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW024771.D
Acq: 07 Oct 2022 08:38

Tgt Ion:180 Resp: 169371
Ion Ratio Lower Upper
180 100
182 99.9 77.4 116.2
145 38.7 30.6 45.8

