

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100622\
 Data File : VW024769.D
 Acq On : 06 Oct 2022 19:07
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025587

Quant Time: Oct 07 03:09:17 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	532440	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	492919	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	240053	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	128702	23.103	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.400%
7) Chloroethane-d5	2.885	69	75382	23.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.160%
11) 1,1-Dichloroethene-d2	4.025	63	306259	23.753	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.000%
21) 2-Butanone-d5	7.080	46	111897	55.870	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.740%
24) Chloroform-d	7.653	84	371170	26.076	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.320%
26) 1,2-Dichloroethane-d4	8.305	65	194260	26.308	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.240%
32) Benzene-d6	8.275	84	721191	22.891	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.560%
36) 1,2-Dichloropropane-d6	9.274	67	234662	24.378	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.520%
41) Toluene-d8	10.323	98	634286	22.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.120%
43) trans-1,3-Dichloroprop...	10.579	79	89652	20.914	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.640%
47) 2-Hexanone-d5	10.920	63	88668	53.836	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.680%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	193939	28.276	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.120%
66) 1,2-Dichlorobenzene-d4	13.847	152	206524	24.449	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
3) Chloromethane	2.215	50	130663	20.526	ug/L	99
5) Vinyl chloride	2.361	62	202414	30.926	ug/L	100
6) Bromomethane	2.776	94	86768	28.725	ug/L	99
8) Chloroethane	2.922	64	73391	26.597	ug/L	100
9) Trichlorofluoromethane	3.257	101	103679	28.314	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	204520	29.285	ug/L #	79
12) 1,1-Dichloroethene	4.044	96	196391	28.196	ug/L	91
13) Acetone	4.141	43	67006	45.855	ug/L	98
14) Carbon disulfide	4.385	76	593855	27.007	ug/L	99
15) Methyl Acetate	4.678	43	92651	28.634	ug/L	97
16) Methylene chloride	4.922	84	232232	22.209	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	219784	28.083	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	349514	28.167	ug/L	99
19) 1,1-Dichloroethane	6.220	63	415073	28.348	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	239210	28.487	ug/L	100
22) 2-Butanone	7.177	43	119222	51.009	ug/L	99
23) Bromochloromethane	7.513	128	98470	28.852	ug/L	96
25) Chloroform	7.677	83	403356	29.051	ug/L	99
27) 1,2-Dichloroethane	8.397	62	256729	29.385	ug/L	99

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 Response via : Initial Calibration

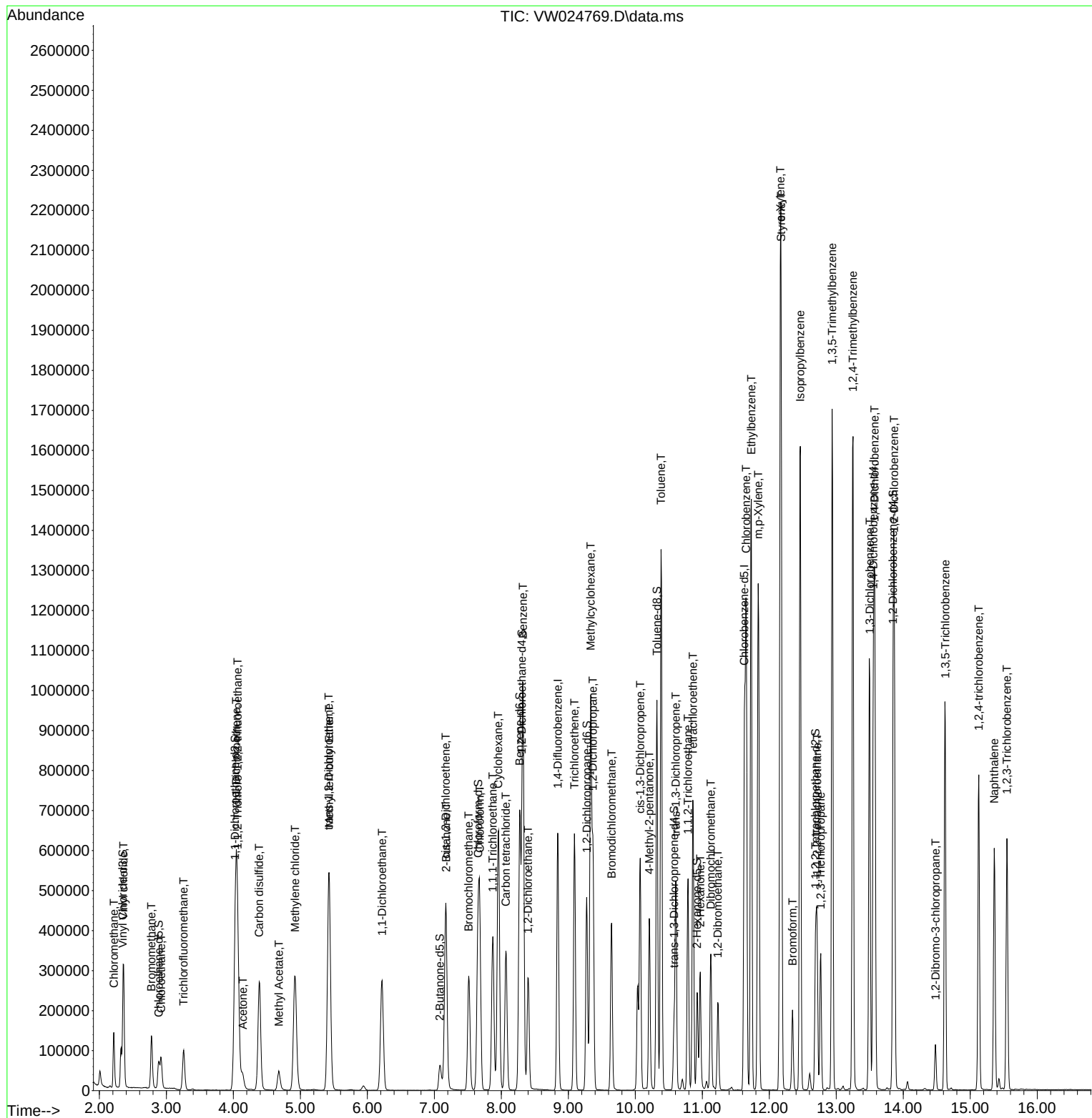
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.952	56	384278	25.030	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	306077	25.661	ug/L	97
31) Carbon tetrachloride	8.067	117	261664	25.906	ug/L	97
33) Benzene	8.323	78	928445	26.911	ug/L	100
34) Trichloroethene	9.092	95	231762	26.504	ug/L	98
35) Methylcyclohexane	9.335	83	403548	25.175	ug/L	99
37) 1,2-Dichloropropane	9.366	63	237302	27.862	ug/L	99
38) Bromodichloromethane	9.646	83	284545	27.159	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	345989	25.689	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	281173	55.773	ug/L	99
42) Toluene	10.384	91	967064	27.144	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	287528	24.900	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	165227	28.401	ug/L	99
46) Tetrachloroethene	10.860	164	157950	26.585	ug/L	95
48) 2-Hexanone	10.969	43	189484	55.584	ug/L	98
49) Dibromochloromethane	11.128	129	179728	27.435	ug/L	99
50) 1,2-Dibromoethane	11.231	107	153555	27.886	ug/L	94
51) Chlorobenzene	11.652	112	595683	27.307	ug/L	98
52) Ethylbenzene	11.731	91	1079763	27.515	ug/L	99
53) m,p-Xylene	11.835	106	410018	26.757	ug/L	96
54) o-Xylene	12.164	106	396600	27.407	ug/L	96
55) Styrene	12.176	104	690577	28.308	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	199586	29.300	ug/L	100
59) Bromoform	12.347	173	84809	24.994	ug/L	99
60) Isopropylbenzene	12.463	105	1070815	27.369	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	144901	28.022	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	909648	26.750	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	902390	27.088	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	427561	26.899	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	424475	27.433	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	387989	28.024	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	29282	23.946	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	267312	25.328	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	228558	25.778	ug/L	96
71) Naphthalene	15.359	128	505757	26.198	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	191156	25.333	ug/L	97

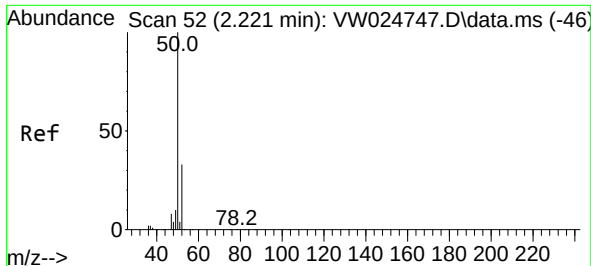
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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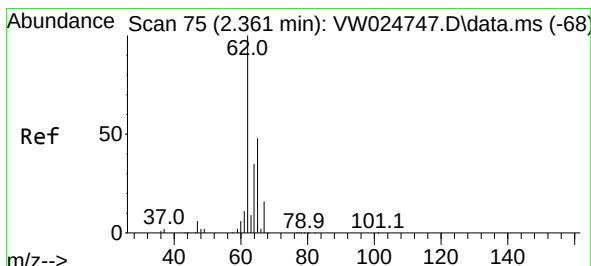
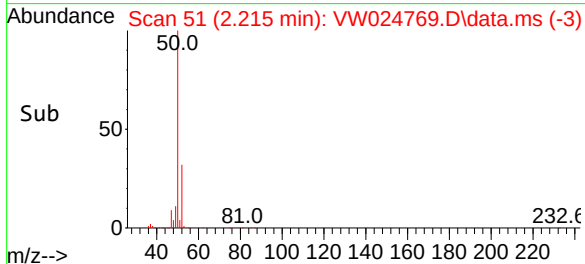
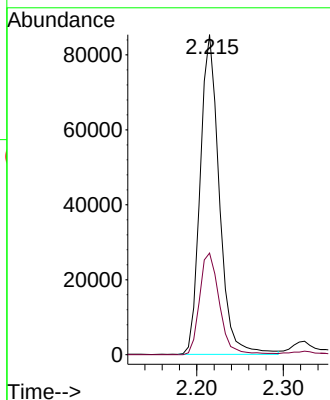
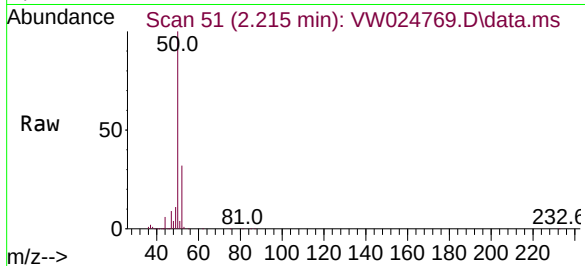




#3
Chloromethane
Concen: 20.526 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

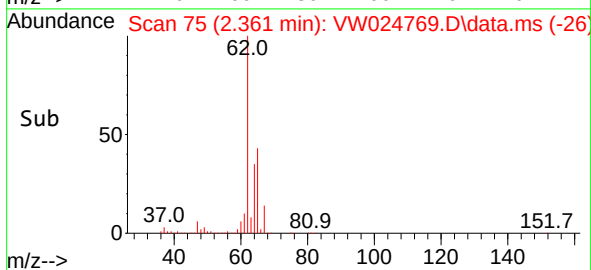
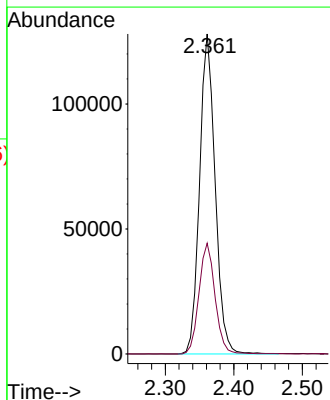
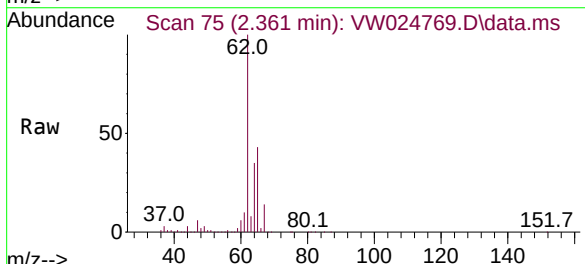
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

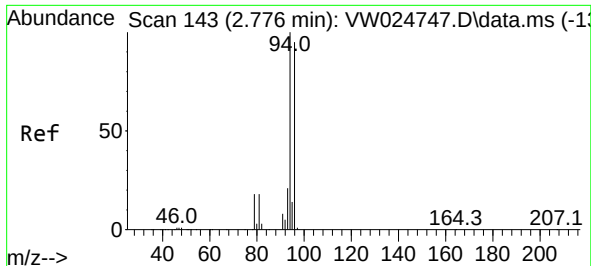
Tgt Ion: 50 Resp: 130663
Ion Ratio Lower Upper
50 100
52 31.7 21.7 40.3



#5
Vinyl chloride
Concen: 30.926 ug/L
RT: 2.361 min Scan# 75
Delta R.T. -0.000 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

Tgt Ion: 62 Resp: 202414
Ion Ratio Lower Upper
62 100
64 34.6 24.4 45.2

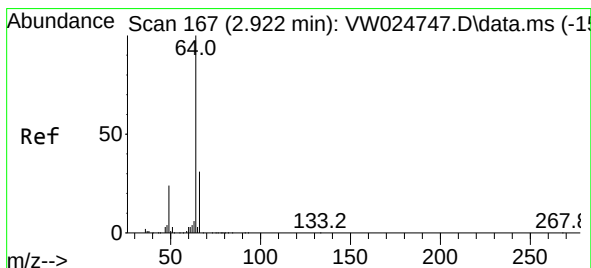
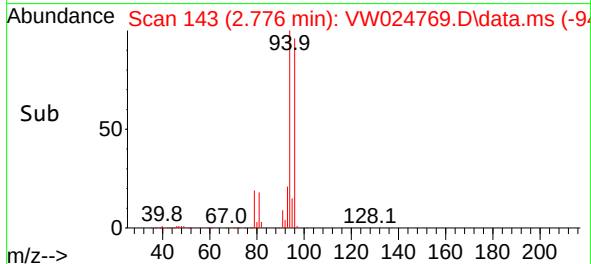
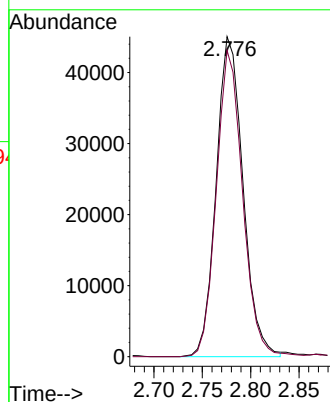
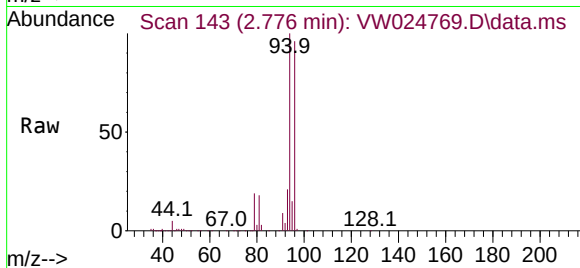




#6
Bromomethane
Concen: 28.725 ug/L
RT: 2.776 min Scan# 143
Delta R.T. -0.000 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

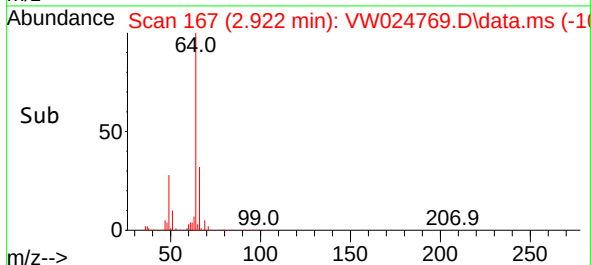
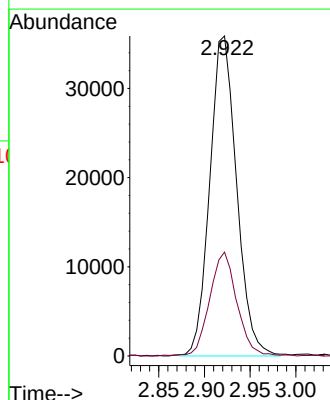
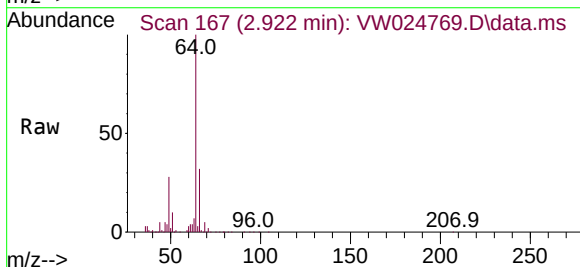
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ClientSampleId :
VSTD025587

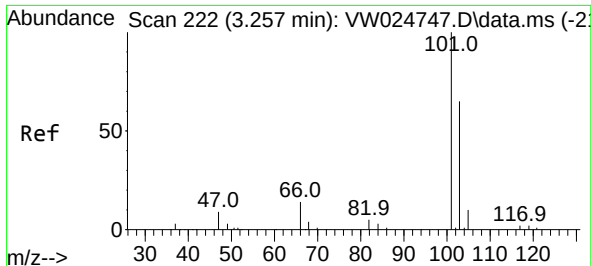
Tgt Ion: 94 Resp: 86768
Ion Ratio Lower Upper
94 100
96 95.7 68.0 126.2



#8
Chloroethane
Concen: 26.597 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

Tgt Ion: 64 Resp: 73391
Ion Ratio Lower Upper
64 100
66 32.5 22.5 41.9

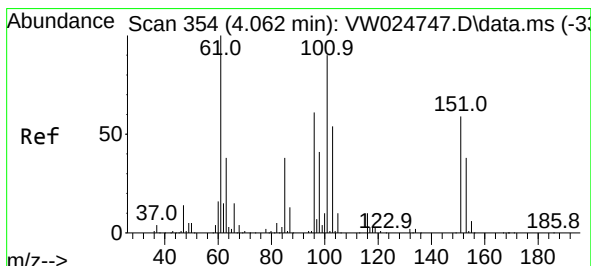
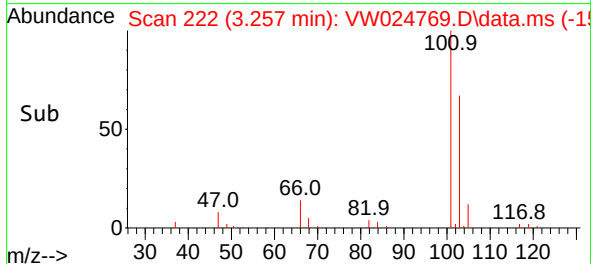
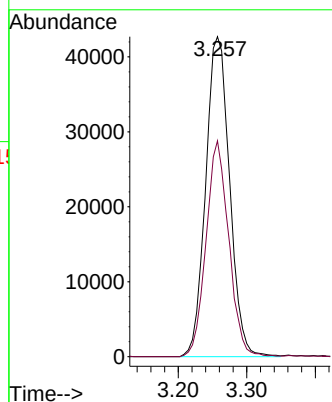
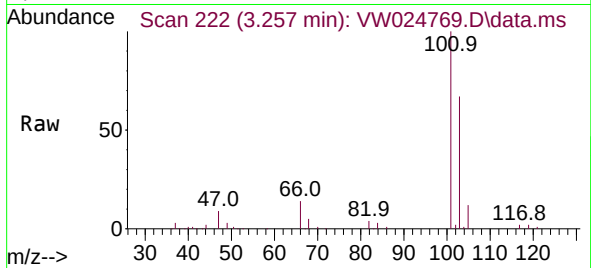




#9
 Trichlorofluoromethane
 Concen: 28.314 ug/L
 RT: 3.257 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VW024769.D
 Acq: 06 Oct 2022 19:07

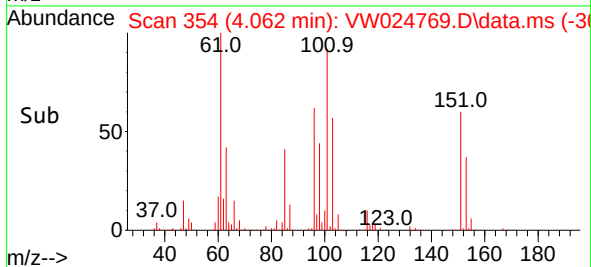
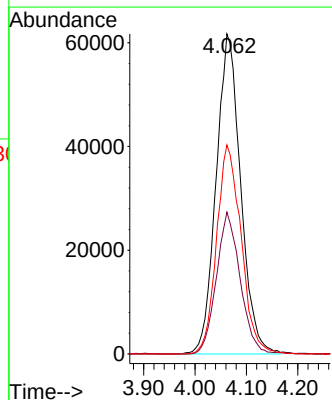
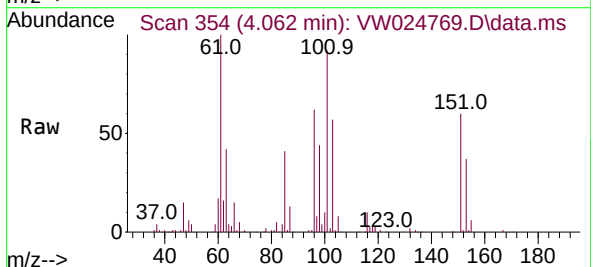
Instrument :
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 ClientSampleId :
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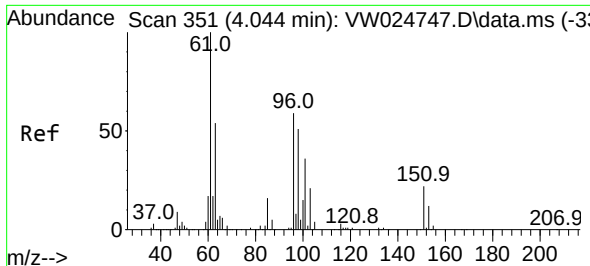
Tgt Ion:101 Resp: 103679
 Ion Ratio Lower Upper
 101 100
 103 63.9 53.4 80.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 29.285 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW024769.D
 Acq: 06 Oct 2022 19:07

Tgt Ion:101 Resp: 204520
 Ion Ratio Lower Upper
 101 100
 85 42.9 34.9 52.3
 151 65.2 30.9 46.3#

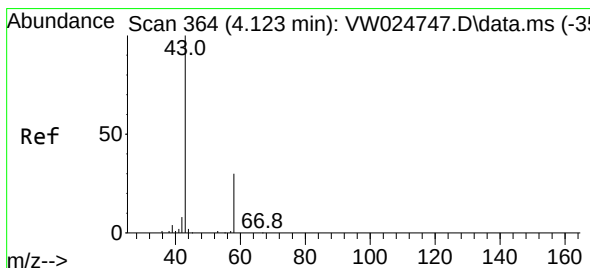
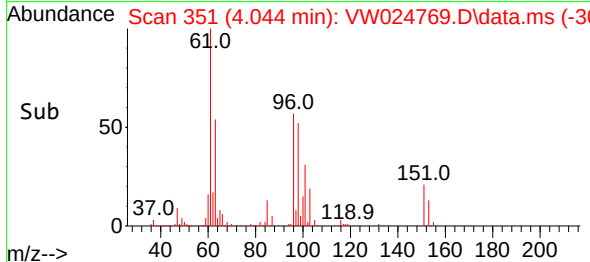
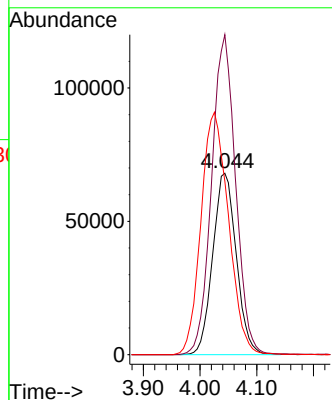
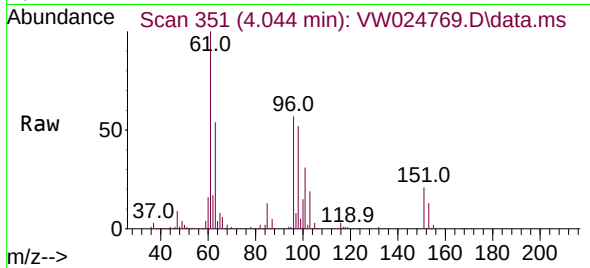




#12
1,1-Dichloroethene
Concen: 28.196 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.000 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

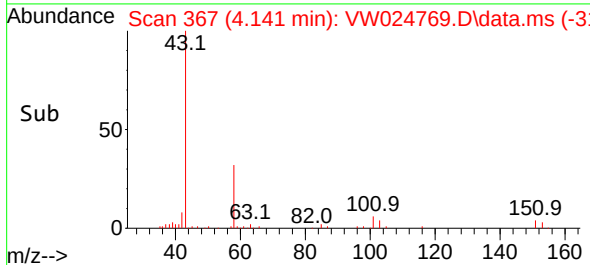
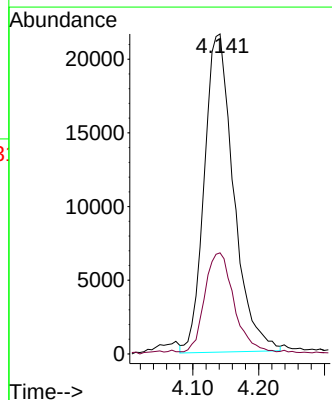
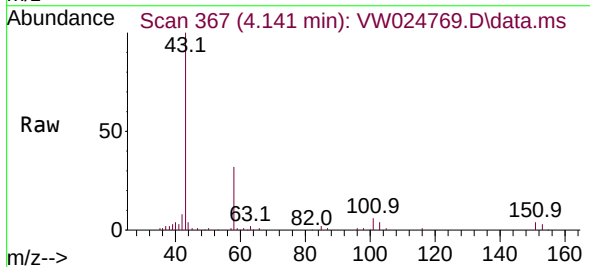
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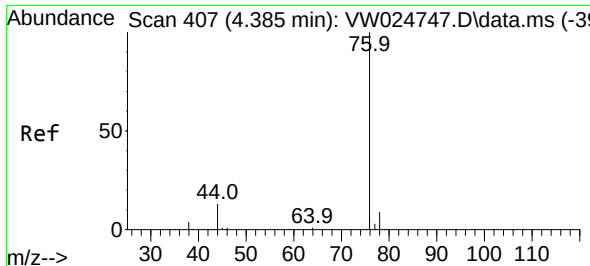
Tgt Ion: 96 Resp: 196391
Ion Ratio Lower Upper
96 100
61 176.4 124.5 231.1
63 95.6 84.1 156.1



#13
Acetone
Concen: 45.855 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

Tgt Ion: 43 Resp: 67006
Ion Ratio Lower Upper
43 100
58 32.4 0.0 67.6

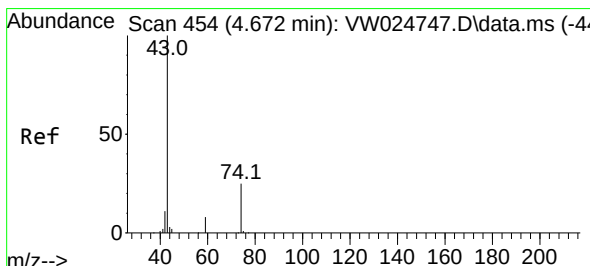
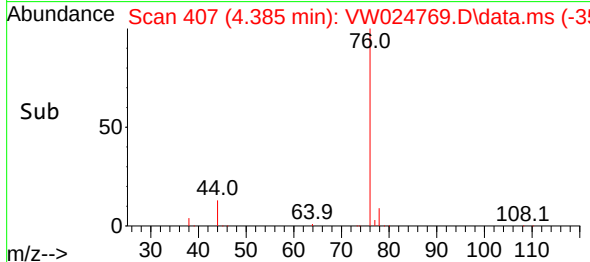
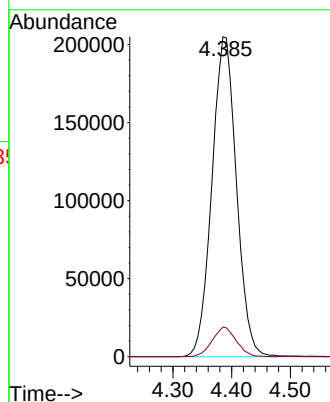
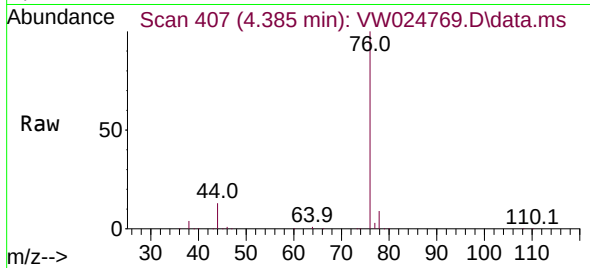




#14
Carbon disulfide
Concen: 27.007 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

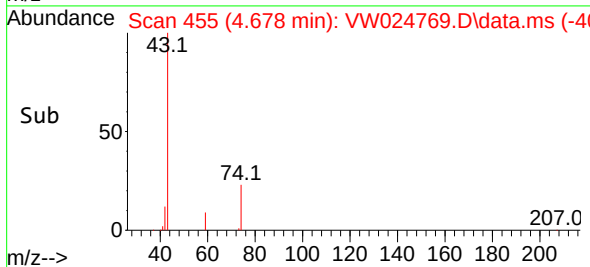
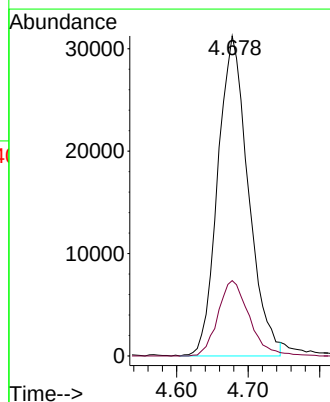
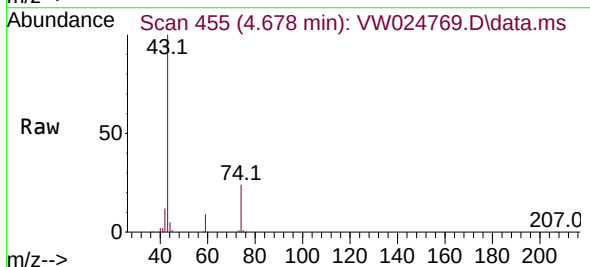
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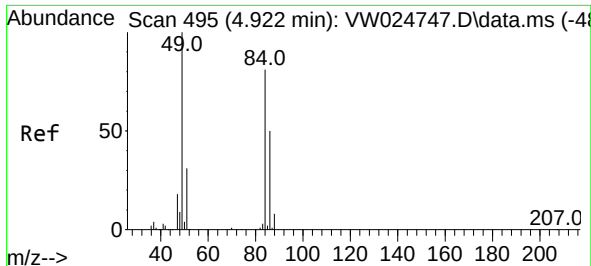
Tgt Ion: 76 Resp: 593855
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#15
Methyl Acetate
Concen: 28.634 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

Tgt Ion: 43 Resp: 92651
Ion Ratio Lower Upper
43 100
74 24.2 18.1 27.1

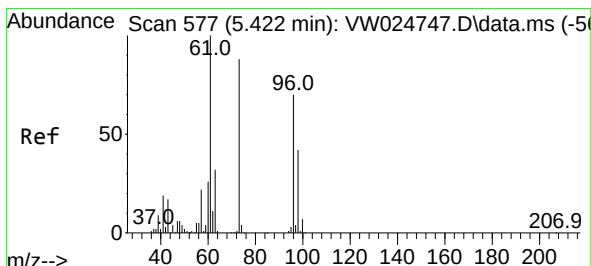
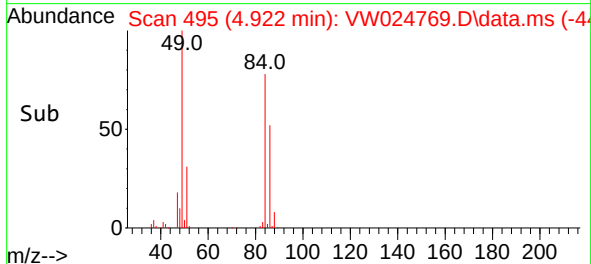
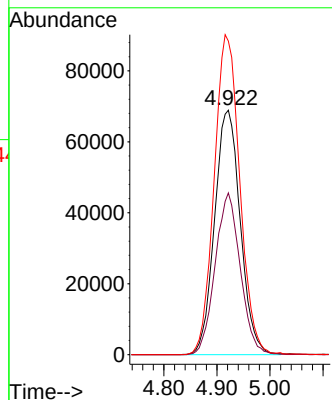
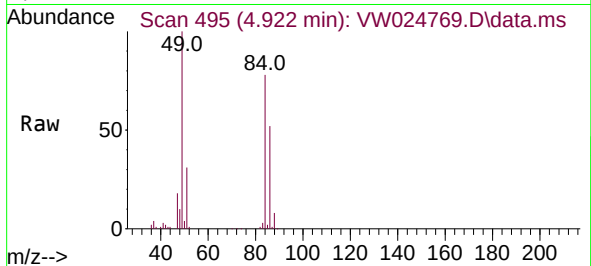




#16
Methylene chloride
Concen: 22.209 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

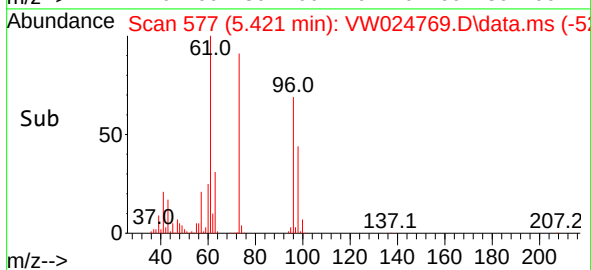
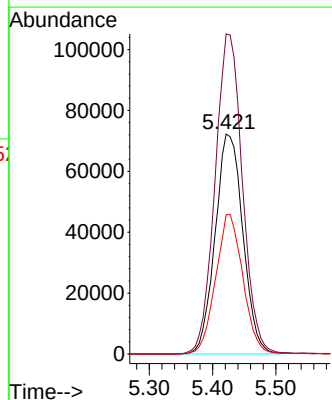
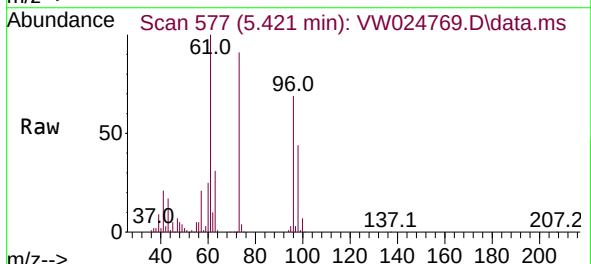
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

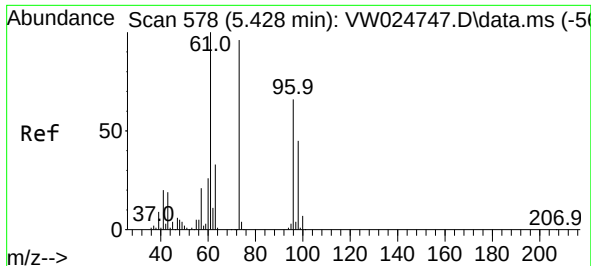
Tgt Ion: 84 Resp: 232232
Ion Ratio Lower Upper
84 100
86 66.2 44.0 81.8
49 128.2 87.4 162.2



#17
trans-1,2-Dichloroethene
Concen: 28.083 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

Tgt Ion: 96 Resp: 219784
Ion Ratio Lower Upper
96 100
61 145.5 106.3 197.5
98 63.3 45.1 83.9

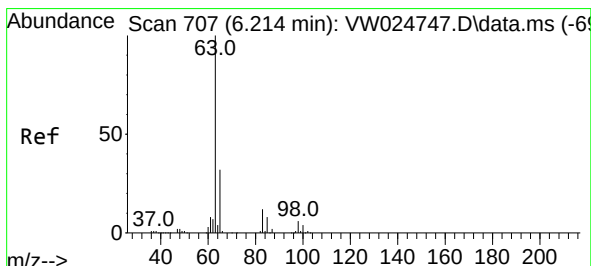
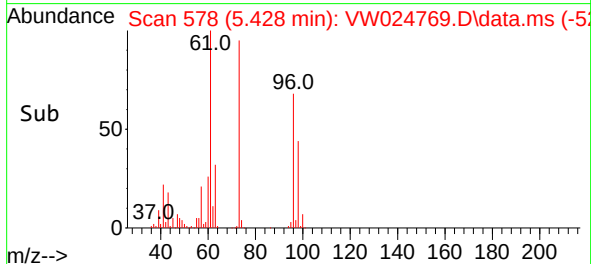
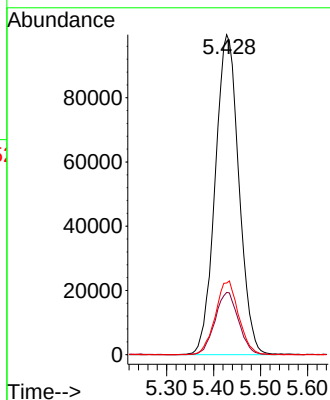
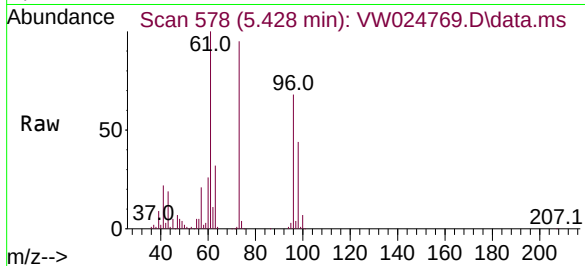




#18
Methyl tert-butyl Ether
Concen: 28.167 ug/L
RT: 5.428 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

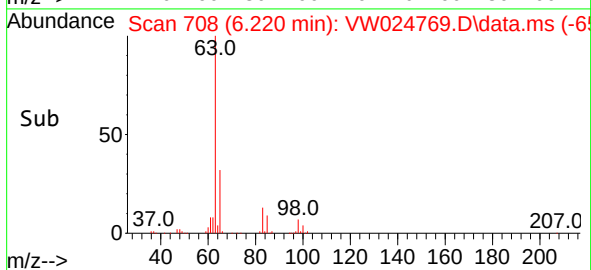
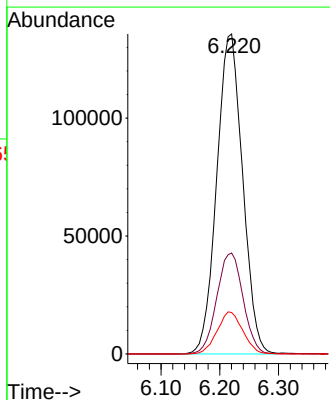
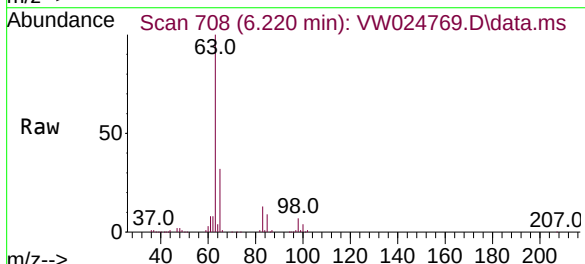
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

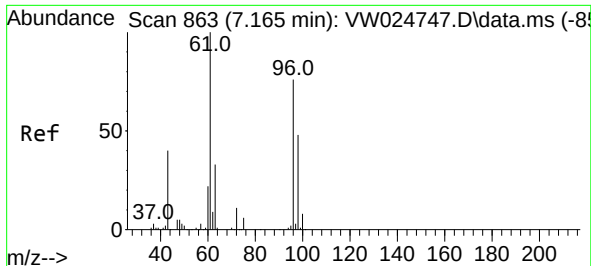
Tgt Ion: 73 Resp: 349514
Ion Ratio Lower Upper
73 100
43 19.3 15.6 23.4
57 22.7 18.3 27.5



#19
1,1-Dichloroethane
Concen: 28.348 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

Tgt Ion: 63 Resp: 415073
Ion Ratio Lower Upper
63 100
65 31.5 23.7 43.9
83 12.9 9.4 17.6

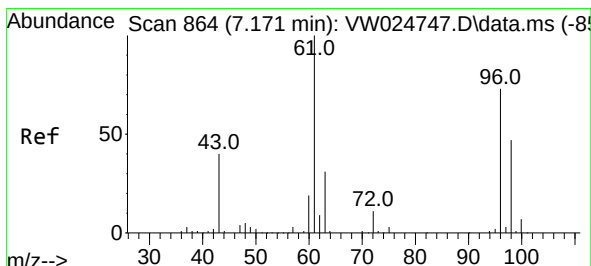
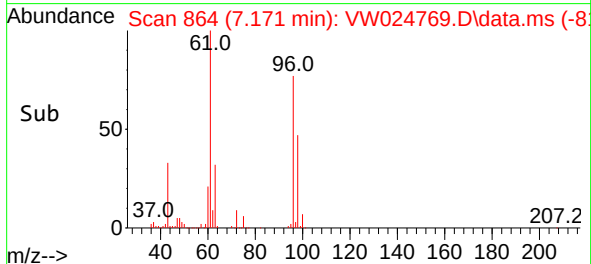
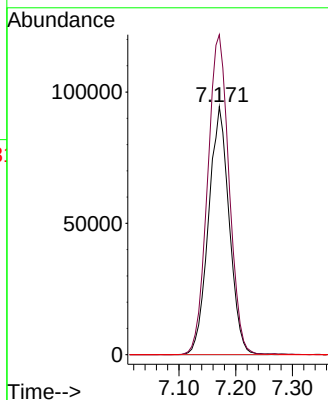
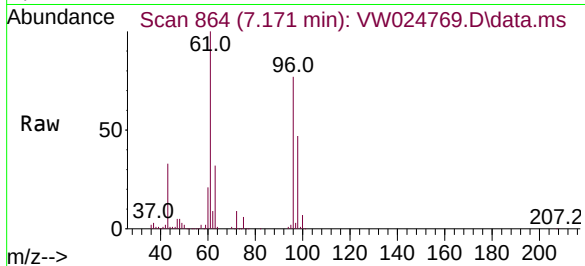




#20
cis-1,2-Dichloroethene
Concen: 28.487 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

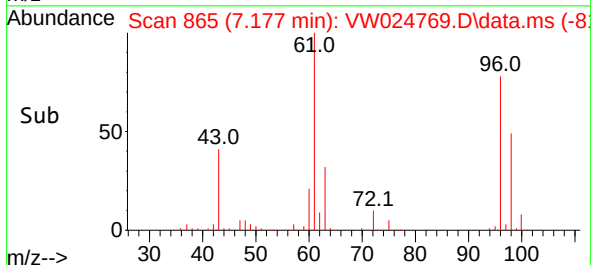
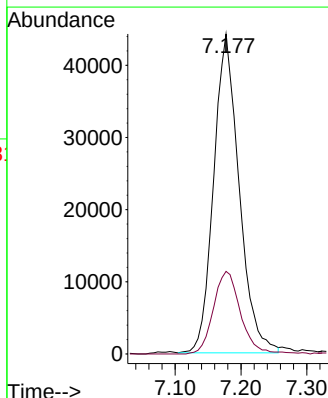
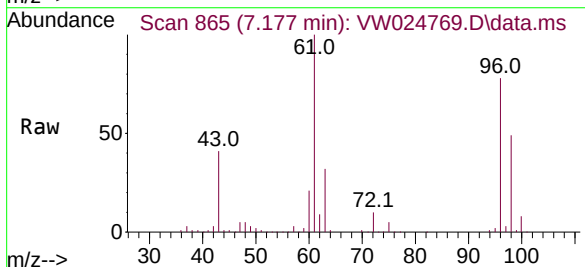
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

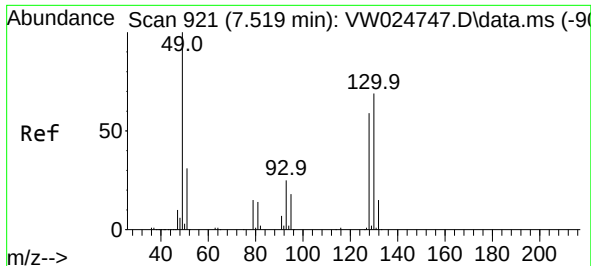
Tgt Ion: 96 Resp: 239210
Ion Ratio Lower Upper
96 100
61 129.0 90.2 167.4
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 51.009 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

Tgt Ion: 43 Resp: 119222
Ion Ratio Lower Upper
43 100
72 27.2 13.8 41.3

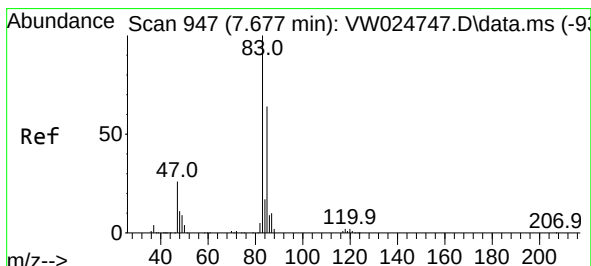
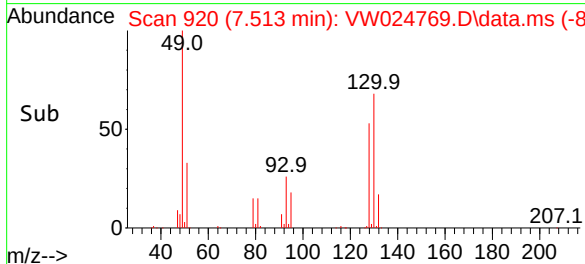
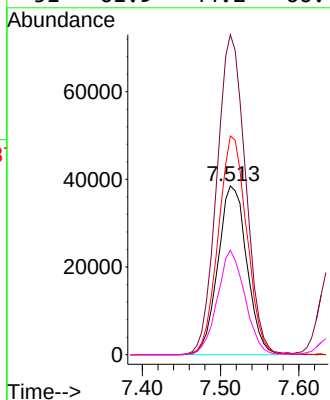
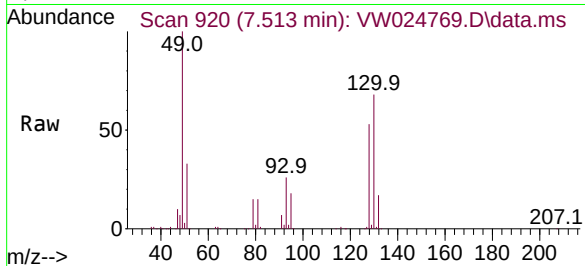




#23
Bromochloromethane
Concen: 28.852 ug/L
RT: 7.513 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

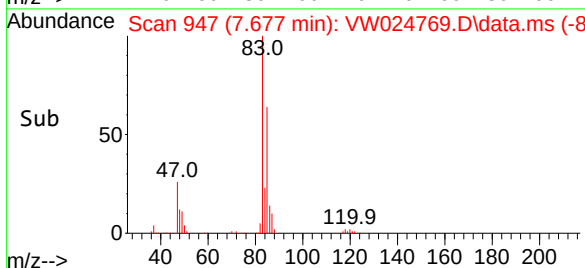
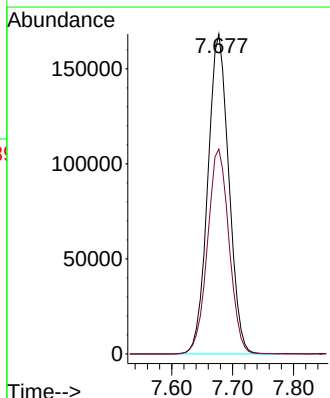
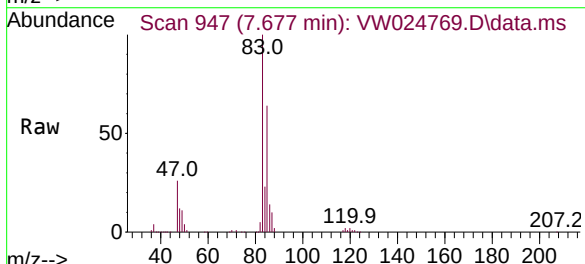
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

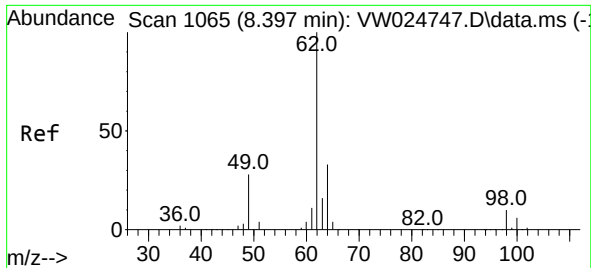
Tgt Ion:128 Resp: 98470
Ion Ratio Lower Upper
128 100
49 189.7 127.3 236.3
130 129.6 90.2 167.4
51 61.9 44.2 66.4



#25
Chloroform
Concen: 29.051 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

Tgt Ion: 83 Resp: 403356
Ion Ratio Lower Upper
83 100
85 64.0 44.0 81.8





#27

1,2-Dichloroethane

Concen: 29.385 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VW024769.D

Acq: 06 Oct 2022 19:07

Instrument :

MSVOA_W

ClientSampleId :

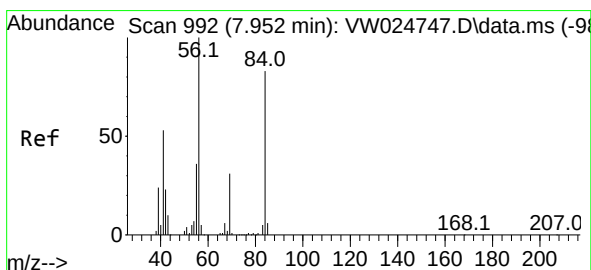
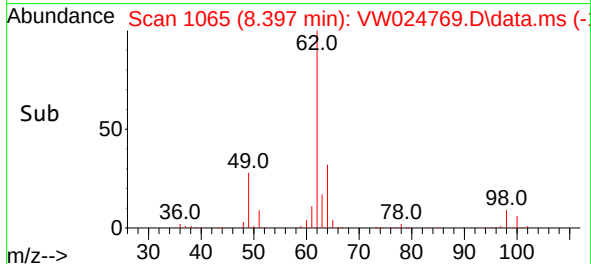
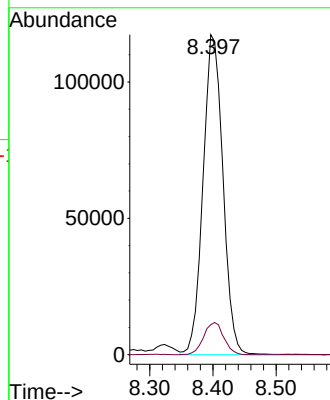
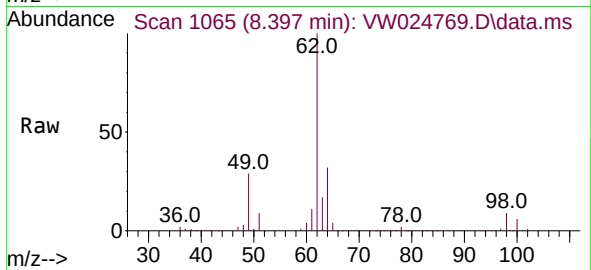
VSTD025587

Tgt Ion: 62 Resp: 256729

Ion Ratio Lower Upper

62 100

98 9.3 7.8 11.8



#29

Cyclohexane

Concen: 25.030 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024769.D

Acq: 06 Oct 2022 19:07

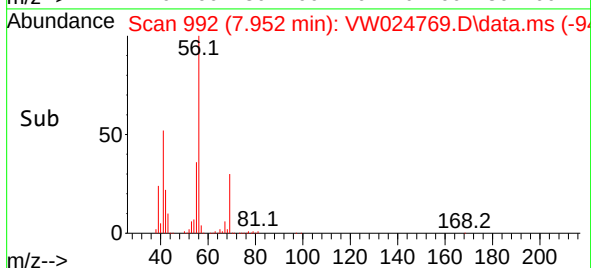
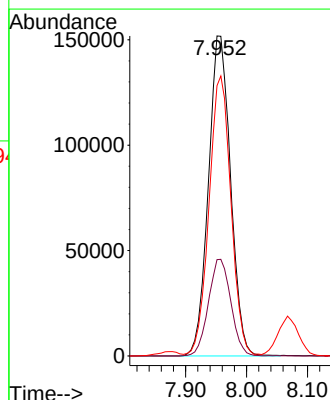
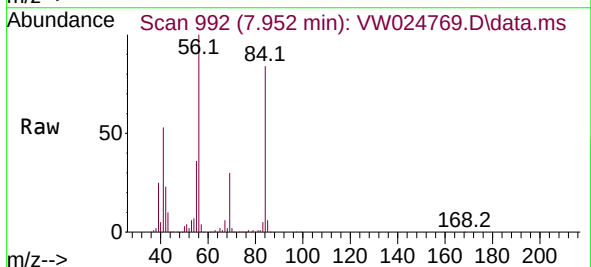
Tgt Ion: 56 Resp: 384278

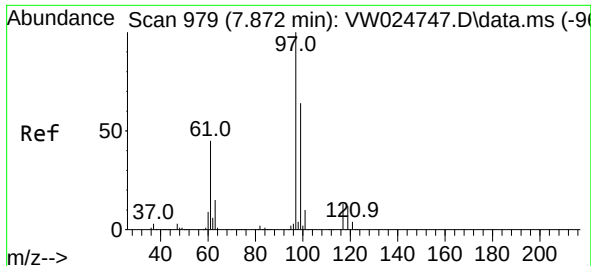
Ion Ratio Lower Upper

56 100

69 30.5 25.0 37.4

84 86.5 68.1 102.1





#30

1,1,1-Trichloroethane

Concen: 25.661 ug/L

RT: 7.872 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW024769.D

Acq: 06 Oct 2022 19:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025587

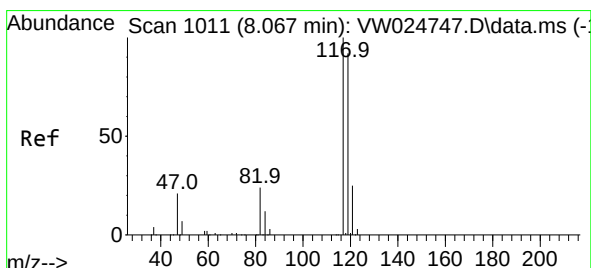
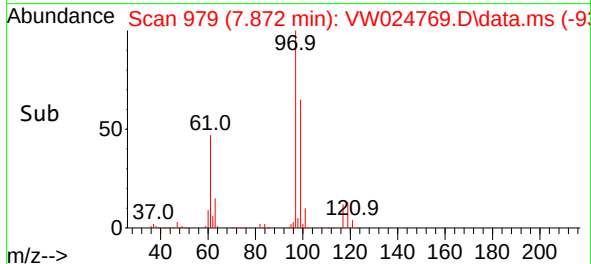
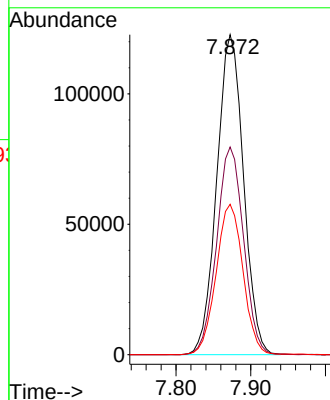
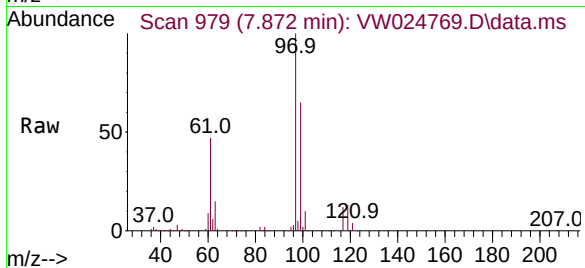
Tgt Ion: 97 Resp: 306077

Ion Ratio Lower Upper

97 100

99 65.3 51.1 76.7

61 47.2 35.8 53.6



#31

Carbon tetrachloride

Concen: 25.906 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW024769.D

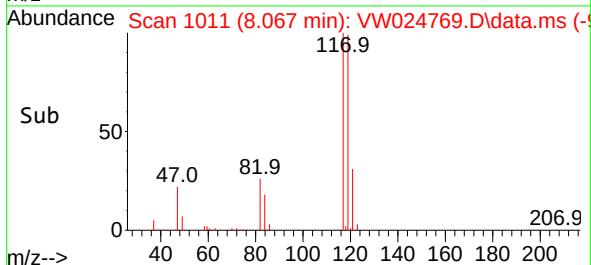
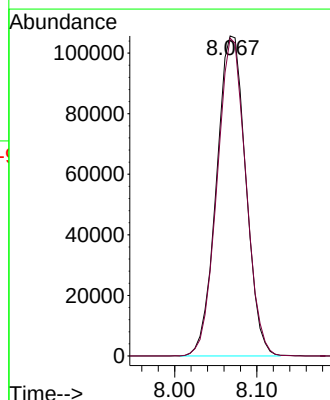
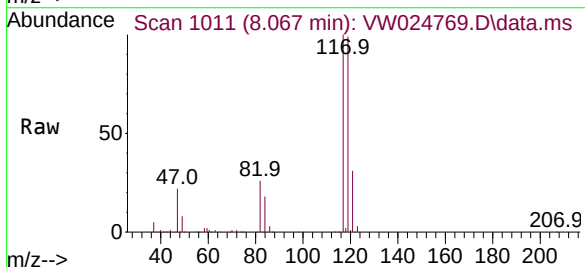
Acq: 06 Oct 2022 19:07

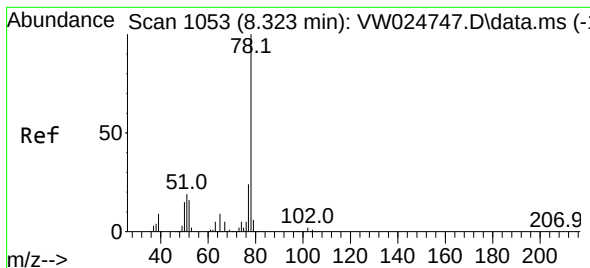
Tgt Ion: 117 Resp: 261664

Ion Ratio Lower Upper

117 100

119 97.7 76.2 114.2





#33

Benzene

Concen: 26.911 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VW024769.D

Acq: 06 Oct 2022 19:07

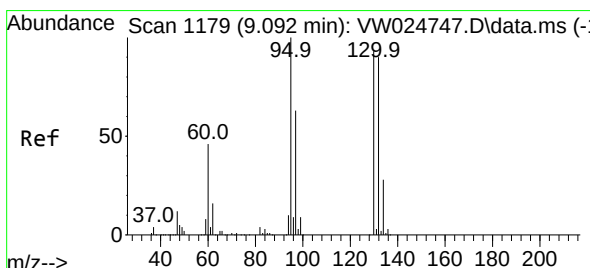
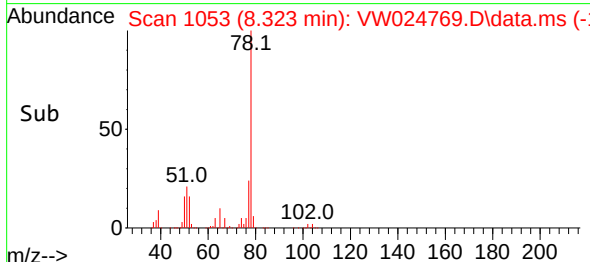
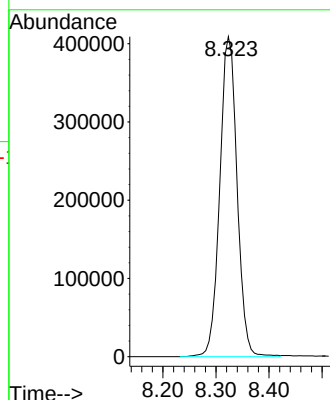
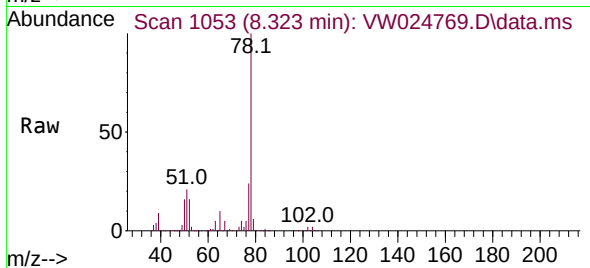
Instrument :

MSVOA_W

ClientSampleId :

VSTD025587

Tgt Ion: 78 Resp: 928445



#34

Trichloroethene

Concen: 26.504 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW024769.D

Acq: 06 Oct 2022 19:07

Tgt Ion: 95 Resp: 231762

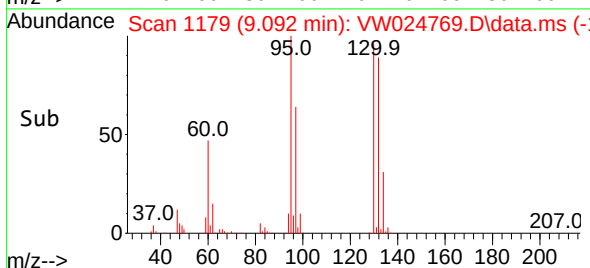
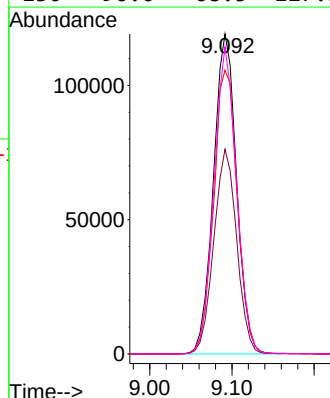
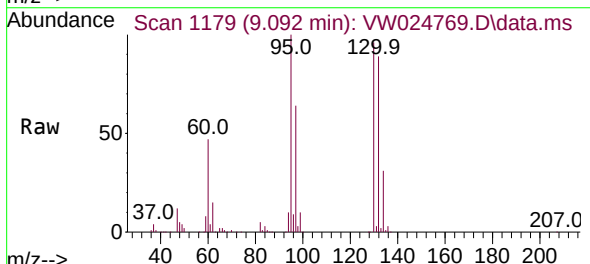
Ion Ratio Lower Upper

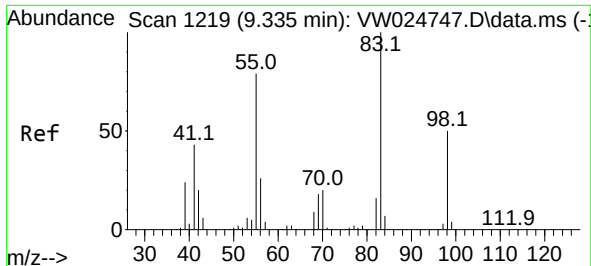
95 100

97 64.0 43.5 80.9

132 88.6 61.2 113.8

130 96.0 68.5 127.1





#35

Methylcyclohexane

Concen: 25.175 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW024769.D

Acq: 06 Oct 2022 19:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025587

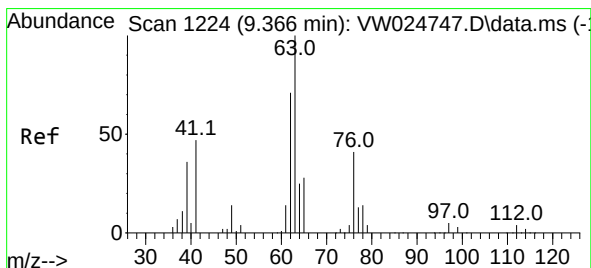
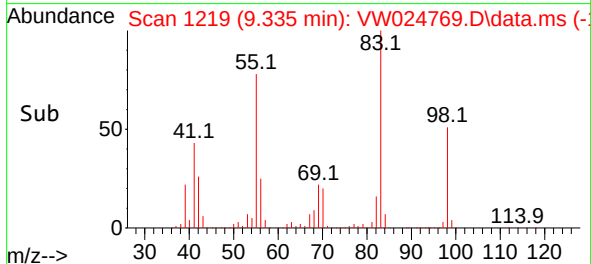
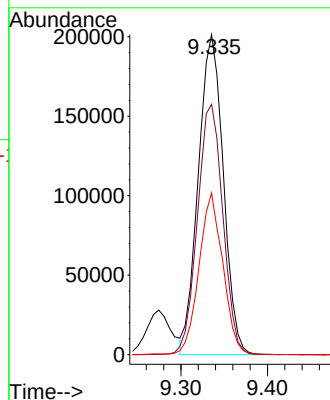
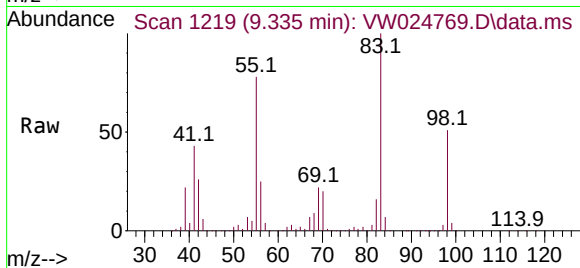
Tgt Ion: 83 Resp: 403548

Ion Ratio Lower Upper

83 100

55 79.6 63.1 94.7

98 48.3 38.3 57.5



#37

1,2-Dichloropropane

Concen: 27.862 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.000 min

Lab File: VW024769.D

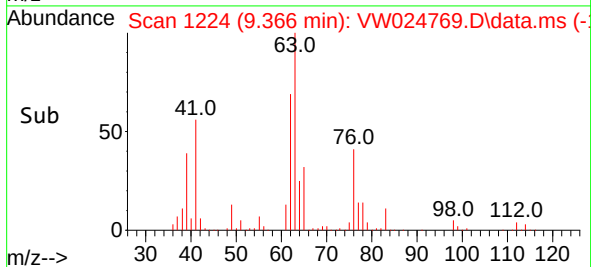
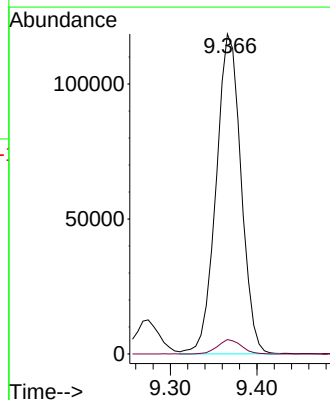
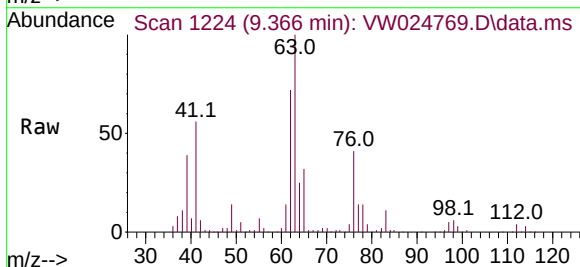
Acq: 06 Oct 2022 19:07

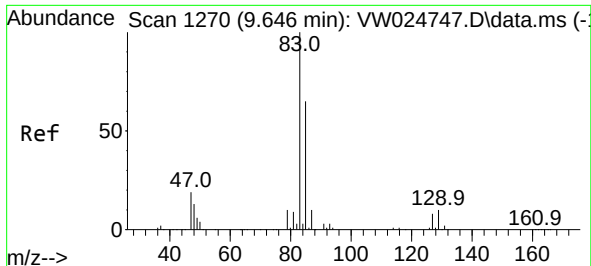
Tgt Ion: 63 Resp: 237302

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4





#38

Bromodichloromethane

Concen: 27.159 ug/L

RT: 9.646 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024769.D

Acq: 06 Oct 2022 19:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025587

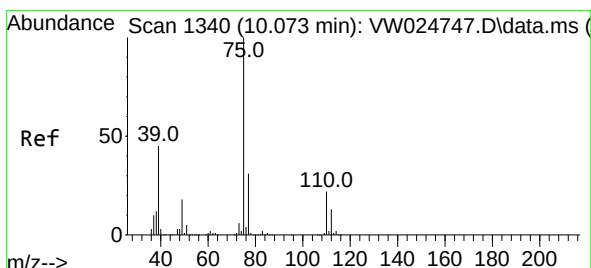
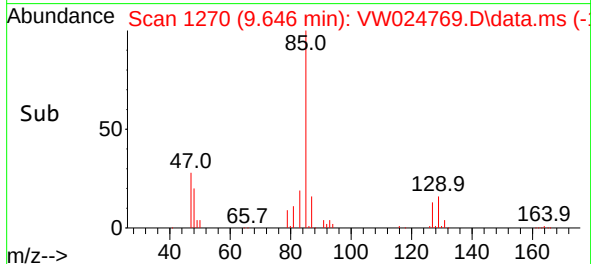
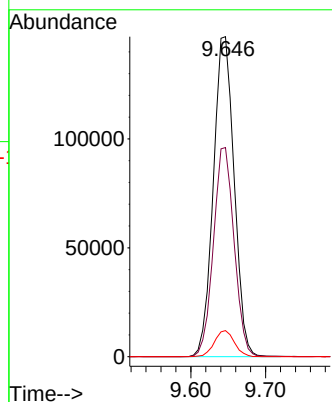
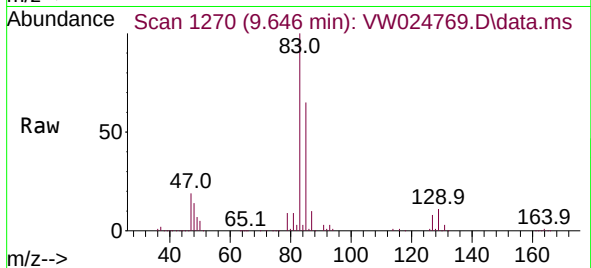
Tgt Ion: 83 Resp: 284545

Ion Ratio Lower Upper

83 100

85 65.4 45.6 84.8

127 8.2 6.4 9.6



#39

cis-1,3-Dichloropropene

Concen: 25.689 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW024769.D

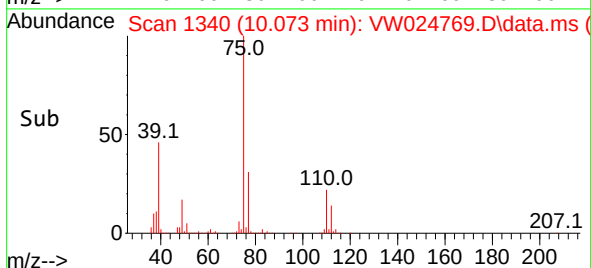
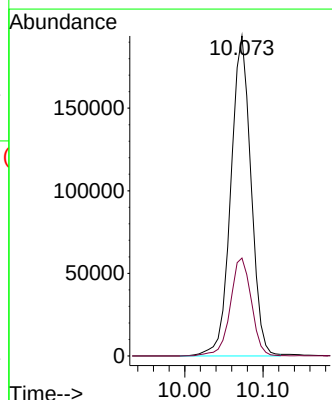
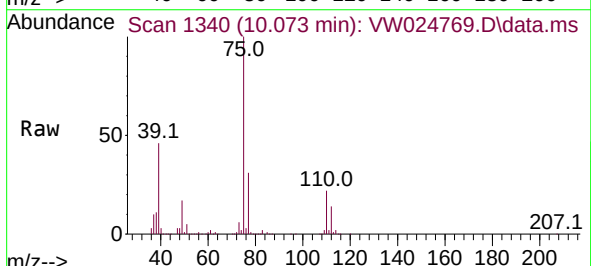
Acq: 06 Oct 2022 19:07

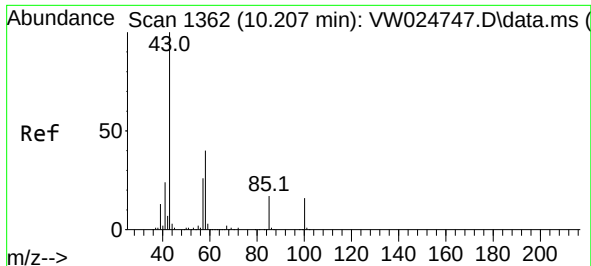
Tgt Ion: 75 Resp: 345989

Ion Ratio Lower Upper

75 100

77 30.6 22.4 41.6





#40

4-Methyl-2-pentanone

Concen: 55.773 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024769.D

Acq: 06 Oct 2022 19:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025587

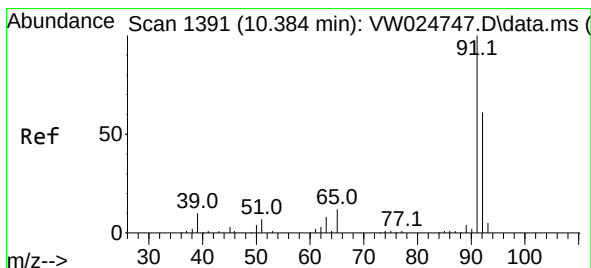
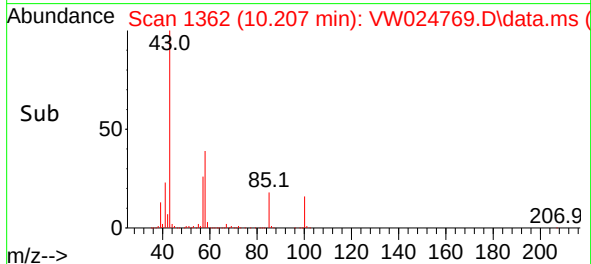
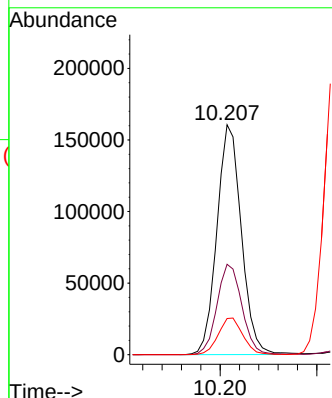
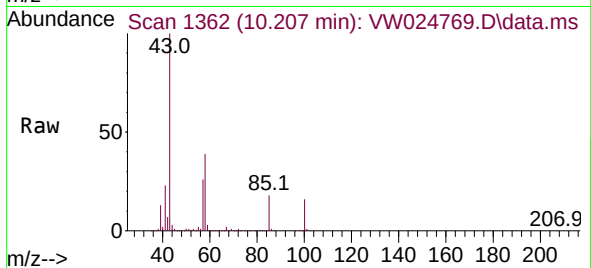
Tgt Ion: 43 Resp: 281173

Ion Ratio Lower Upper

43 100

58 40.1 32.9 49.3

100 16.1 12.6 19.0



#42

Toluene

Concen: 27.144 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW024769.D

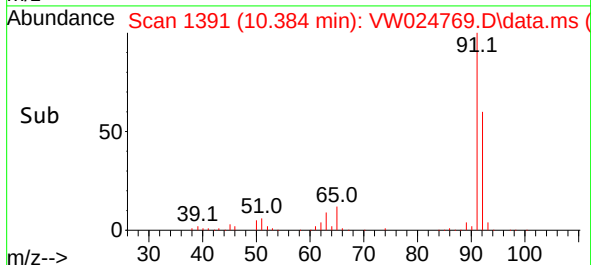
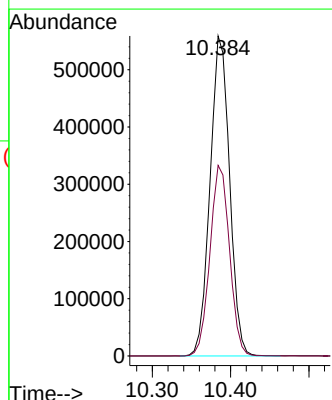
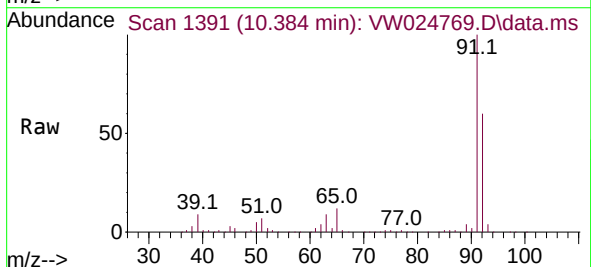
Acq: 06 Oct 2022 19:07

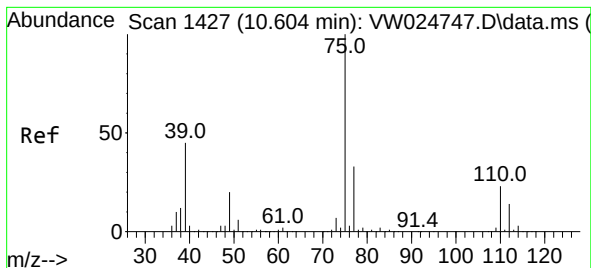
Tgt Ion: 91 Resp: 967064

Ion Ratio Lower Upper

91 100

92 59.5 41.0 76.2

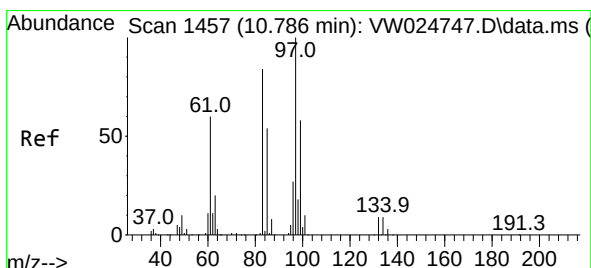
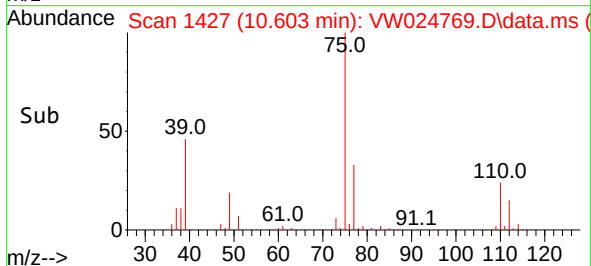
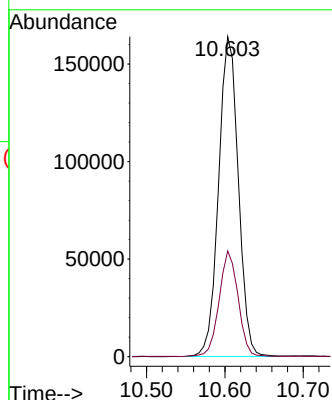
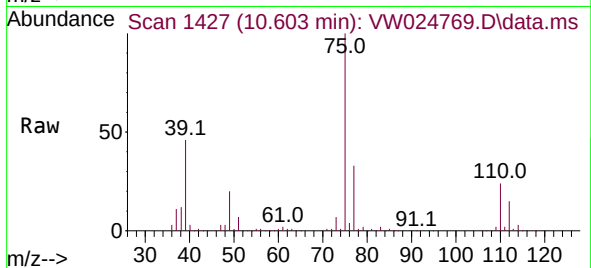




#44
trans-1,3-Dichloropropene
Concen: 24.900 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

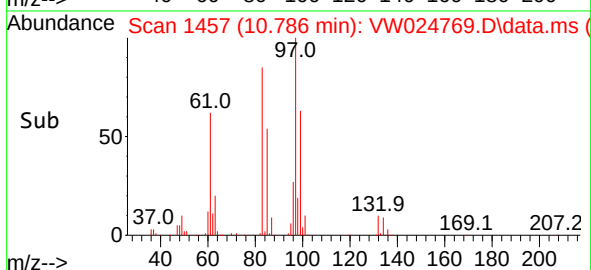
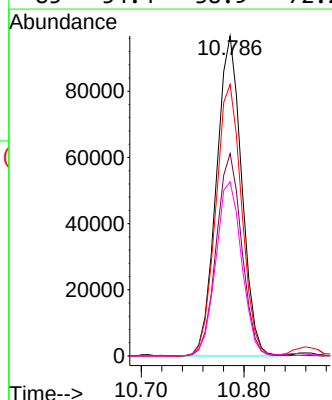
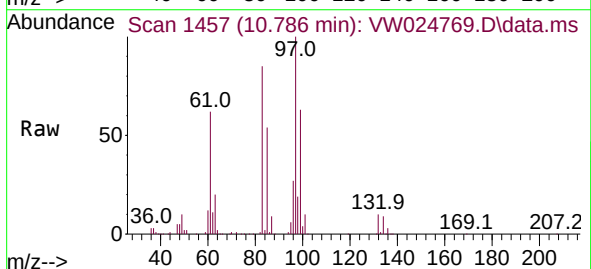
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

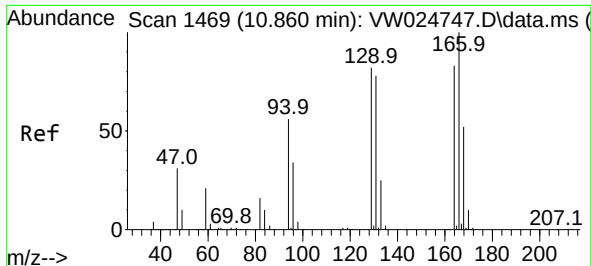
Tgt Ion: 75 Resp: 287528
Ion Ratio Lower Upper
75 100
77 33.1 21.3 39.6



#45
1,1,2-Trichloroethane
Concen: 28.401 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

Tgt Ion: 97 Resp: 165227
Ion Ratio Lower Upper
97 100
99 63.2 43.8 81.4
83 84.8 60.1 111.5
85 54.4 38.9 72.2



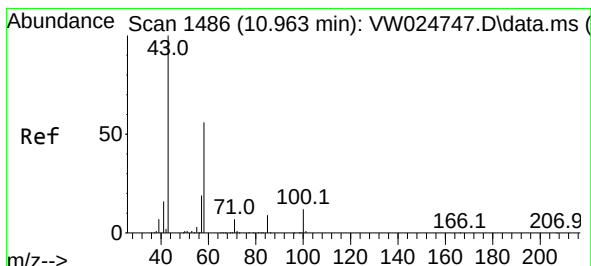
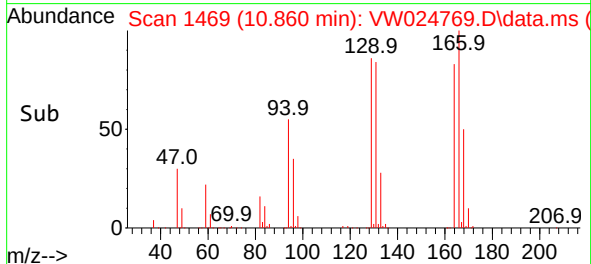
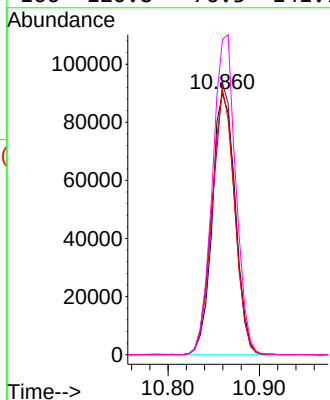
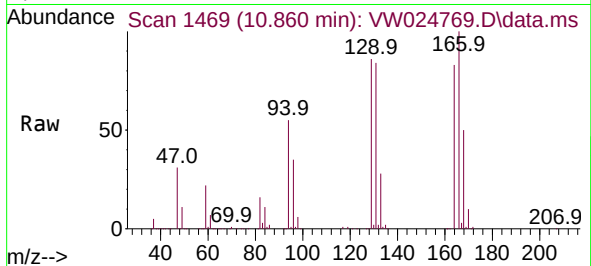


#46
Tetrachloroethene
Concen: 26.585 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

Tgt Ion:164 Resp: 157950

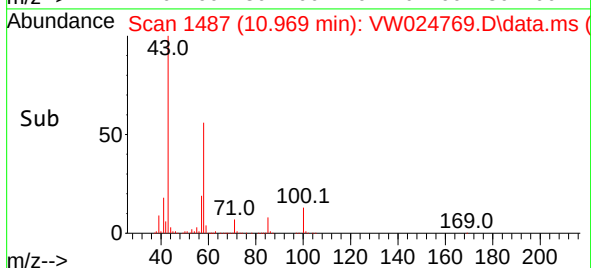
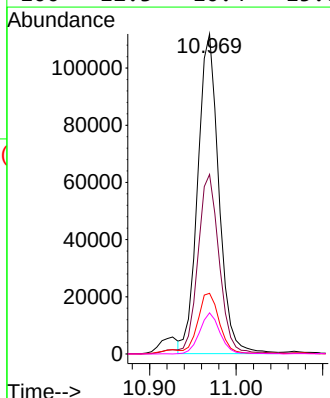
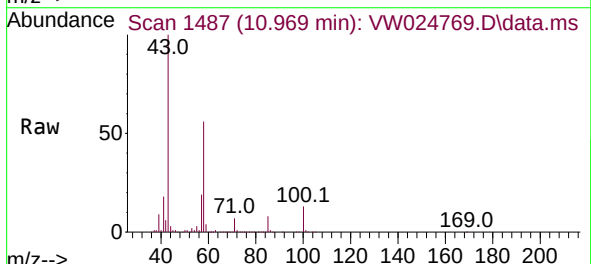
Ion	Ratio	Lower	Upper
164	100		
129	104.0	74.1	137.5
131	101.6	71.5	132.7
166	120.8	76.3	141.7

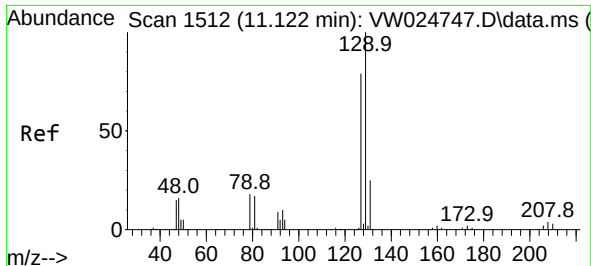


#48
2-Hexanone
Concen: 55.584 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

Tgt Ion: 43 Resp: 189484

Ion	Ratio	Lower	Upper
43	100		
58	55.5	45.3	67.9
57	19.6	16.3	24.5
100	12.3	10.4	15.6





#49

Dibromochloromethane

Concen: 27.435 ug/L

RT: 11.128 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024769.D

Acq: 06 Oct 2022 19:07

Instrument :

MSVOA_W

ClientSampleId :

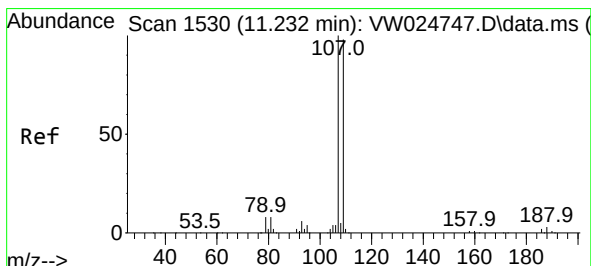
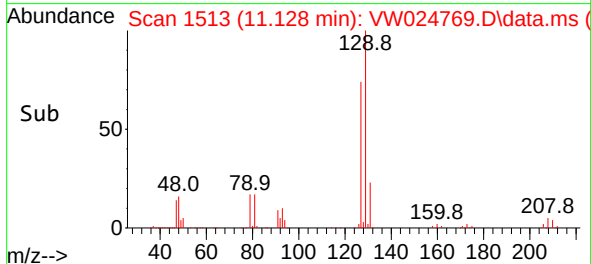
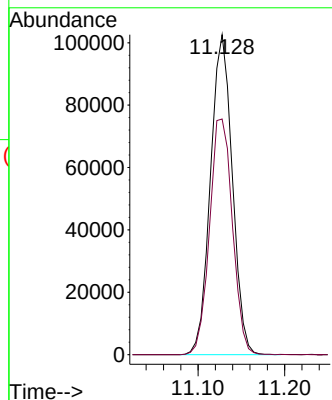
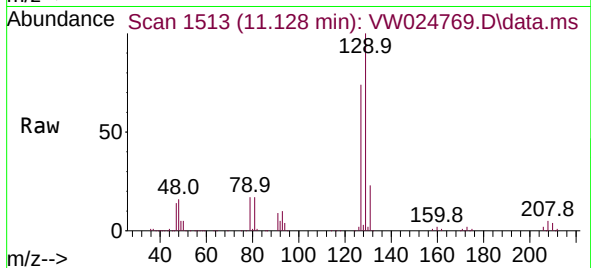
VSTD025587

Tgt Ion:129 Resp: 179728

Ion Ratio Lower Upper

129 100

127 73.7 52.4 97.4



#50

1,2-Dibromoethane

Concen: 27.886 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW024769.D

Acq: 06 Oct 2022 19:07

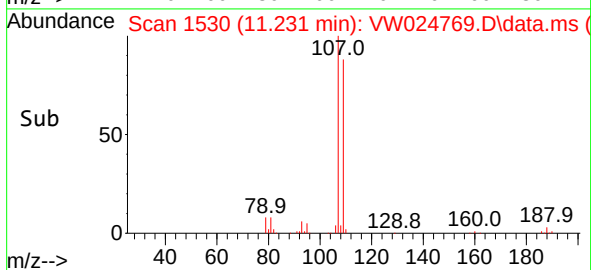
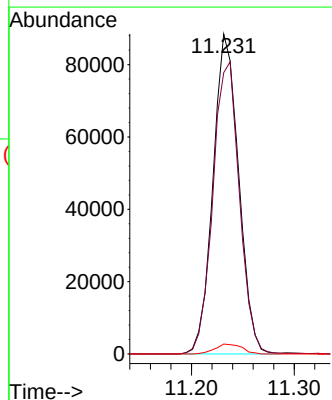
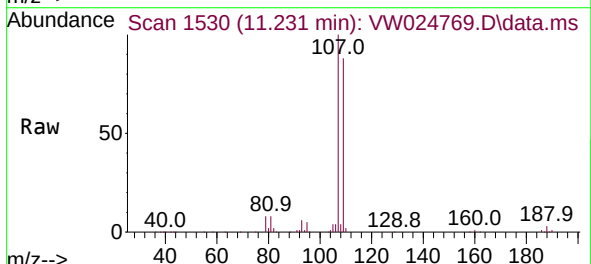
Tgt Ion:107 Resp: 153555

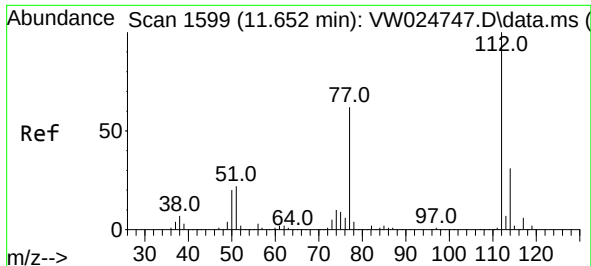
Ion Ratio Lower Upper

107 100

109 87.9 65.5 121.7

188 3.1 2.4 3.6

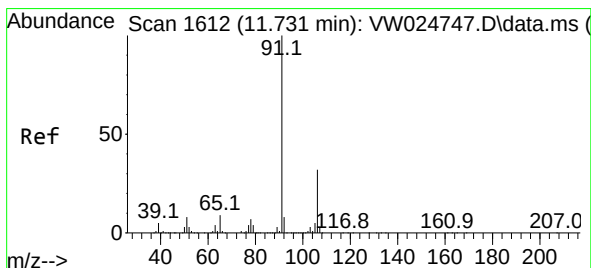
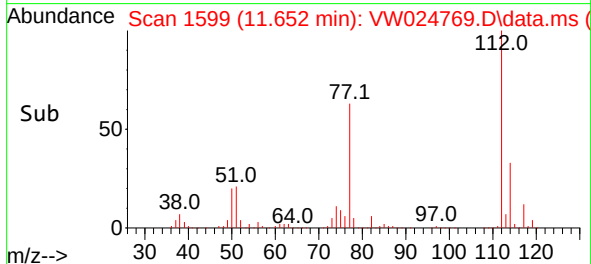
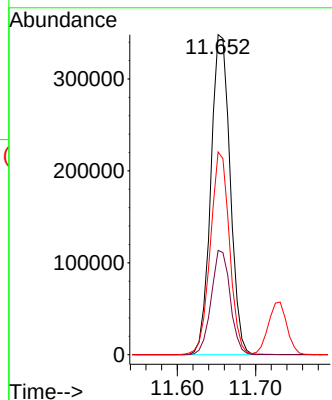
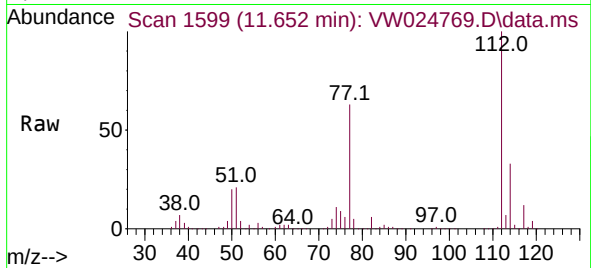




#51
Chlorobenzene
Concen: 27.307 ug/L
RT: 11.652 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

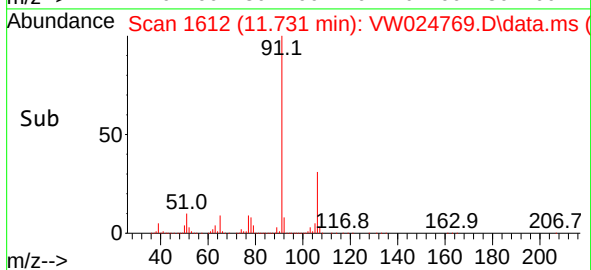
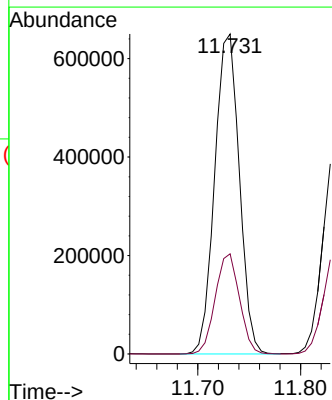
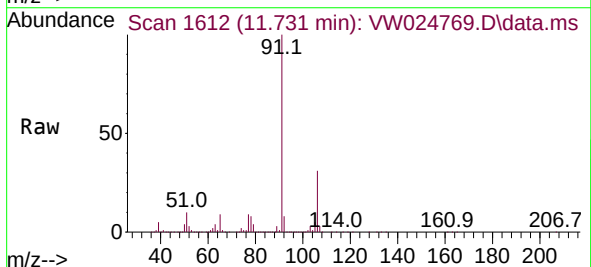
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

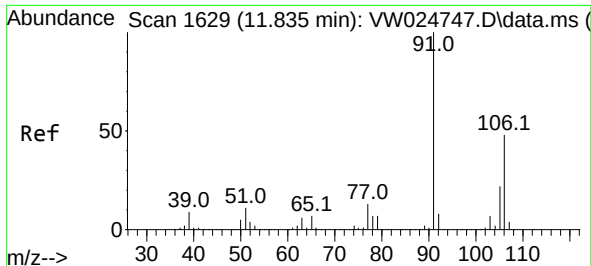
Tgt Ion:112 Resp: 595683
Ion Ratio Lower Upper
112 100
114 32.6 23.3 43.3
77 63.4 49.1 73.7



#52
Ethylbenzene
Concen: 27.515 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

Tgt Ion: 91 Resp: 1079763
Ion Ratio Lower Upper
91 100
106 31.3 21.5 39.9

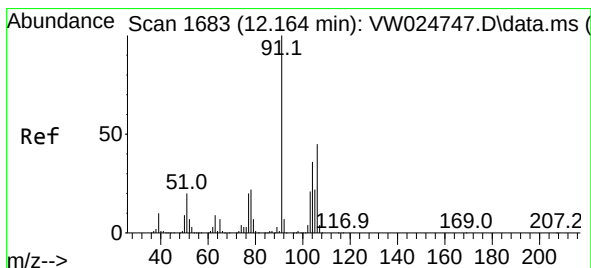
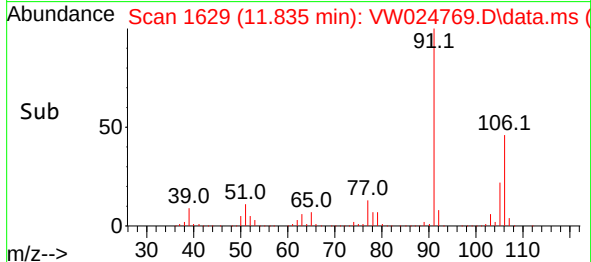
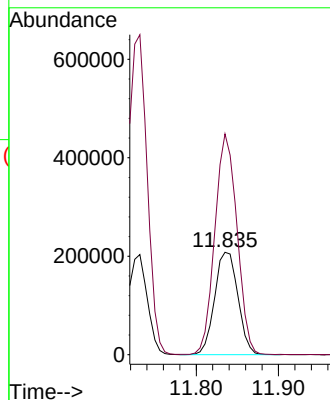
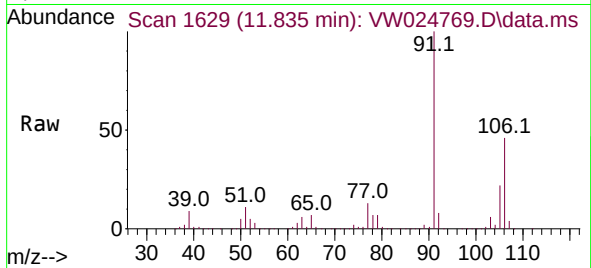




#53
m,p-Xylene
Concen: 26.757 ug/L
RT: 11.835 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

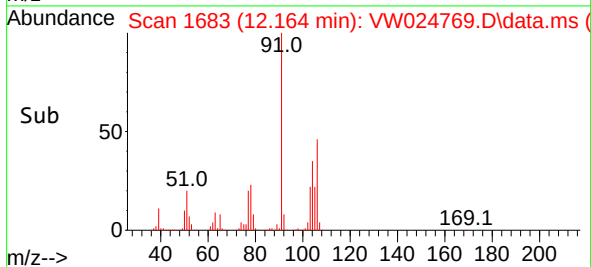
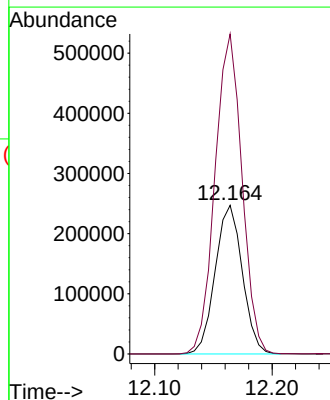
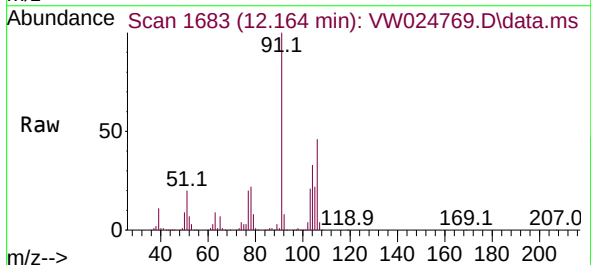
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

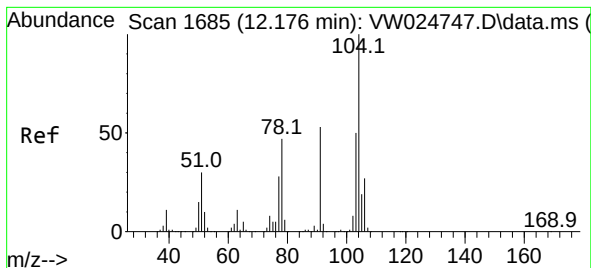
Tgt Ion:106 Resp: 410018
Ion Ratio Lower Upper
106 100
91 215.6 146.8 272.6



#54
o-Xylene
Concen: 27.407 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

Tgt Ion:106 Resp: 396600
Ion Ratio Lower Upper
106 100
91 215.3 146.3 271.7





#55

Styrene

Concen: 28.308 ug/L

RT: 12.176 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024769.D

Acq: 06 Oct 2022 19:07

Instrument :

MSVOA_W

ClientSampleId :

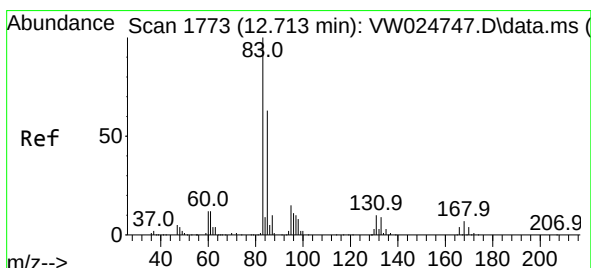
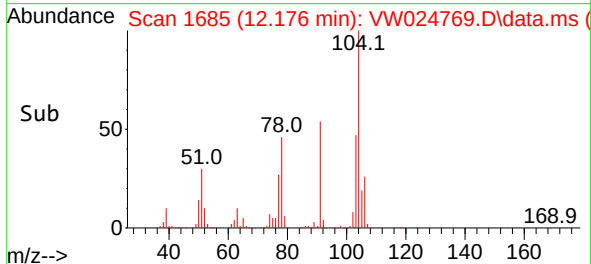
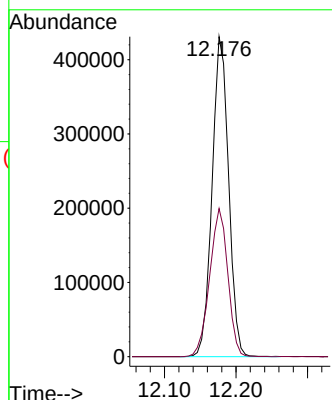
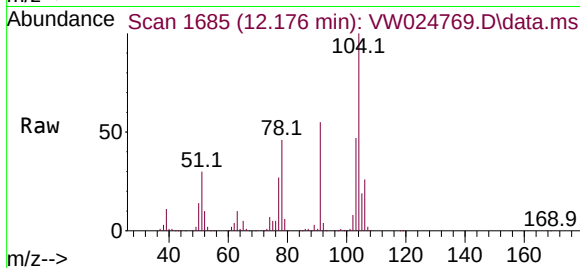
VSTD025587

Tgt Ion:104 Resp: 690577

Ion Ratio Lower Upper

104 100

78 46.3 33.5 62.1



#57

1,1,2,2-Tetrachloroethane

Concen: 29.300 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW024769.D

Acq: 06 Oct 2022 19:07

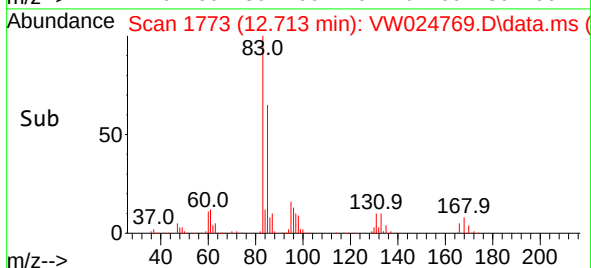
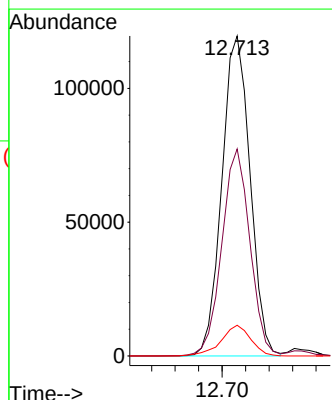
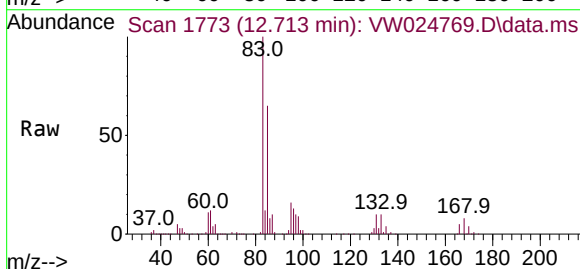
Tgt Ion: 83 Resp: 199586

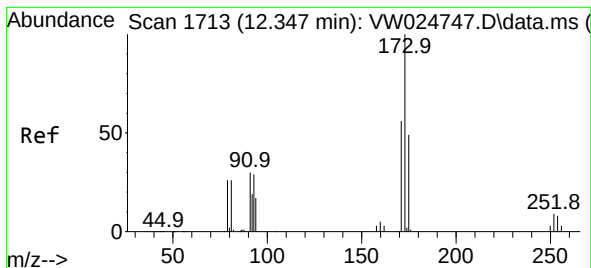
Ion Ratio Lower Upper

83 100

85 64.7 45.2 84.0

131 9.6 7.3 10.9





#59

Bromoform

Concen: 24.994 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024769.D

Acq: 06 Oct 2022 19:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025587

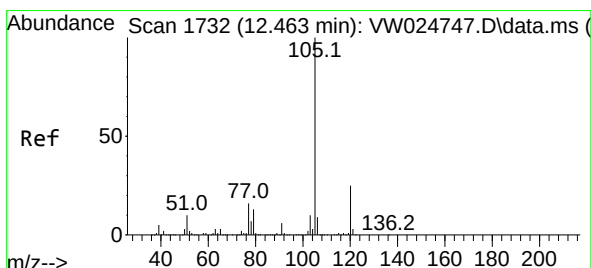
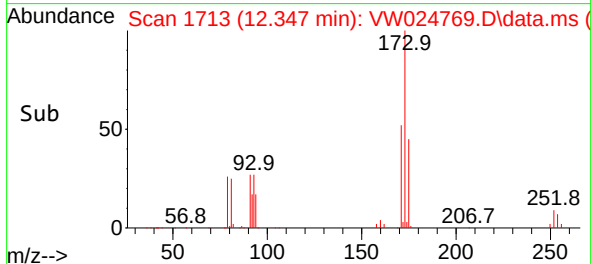
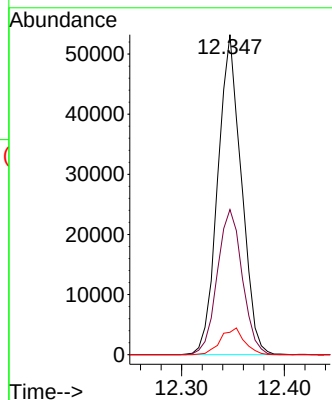
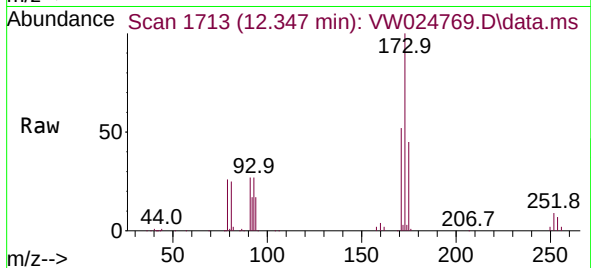
Tgt Ion:173 Resp: 84809

Ion Ratio Lower Upper

173 100

175 48.1 37.7 56.5

254 8.4 6.7 10.1



#60

Isopropylbenzene

Concen: 27.369 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW024769.D

Acq: 06 Oct 2022 19:07

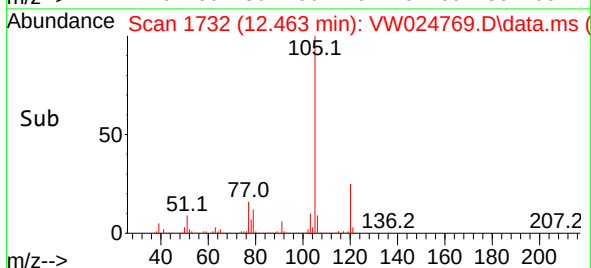
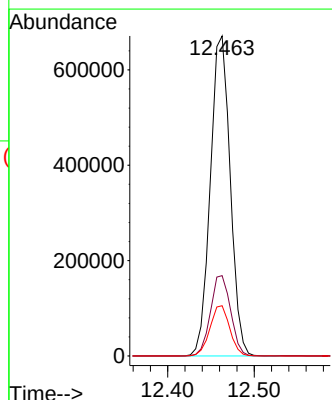
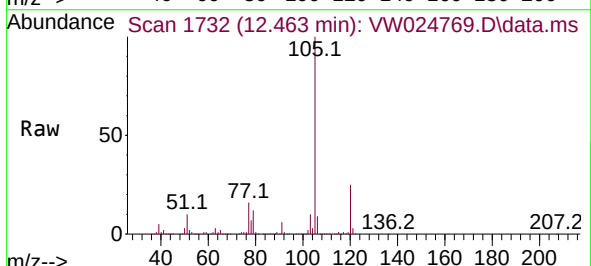
Tgt Ion:105 Resp: 1070815

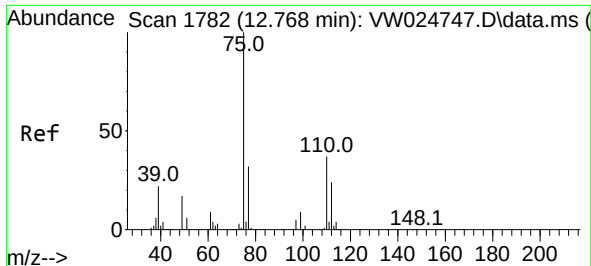
Ion Ratio Lower Upper

105 100

120 25.5 20.9 31.3

77 15.7 12.7 19.1

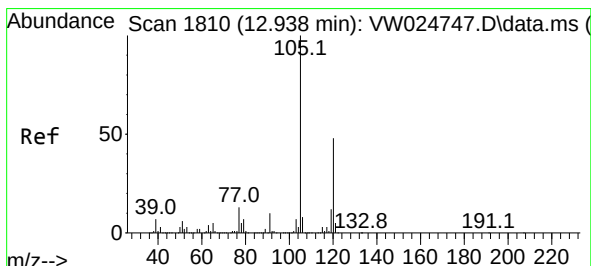
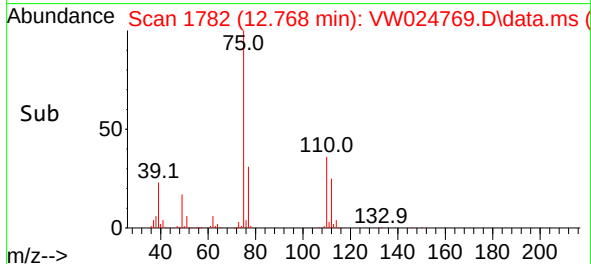
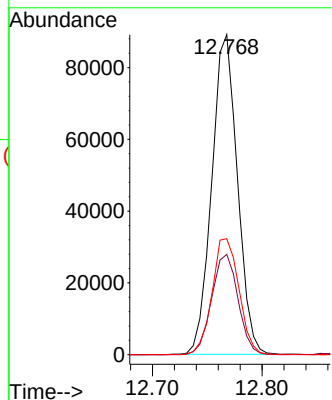
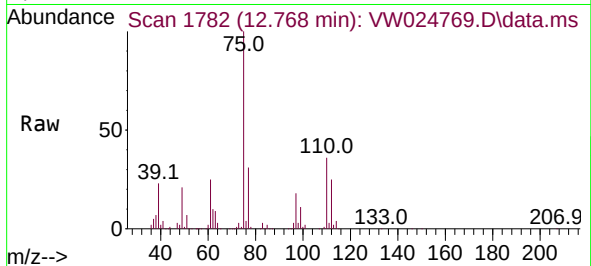




#61
1,2,3-Trichloropropane
Concen: 28.022 ug/L
RT: 12.768 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

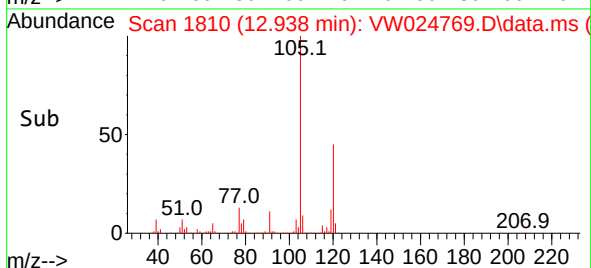
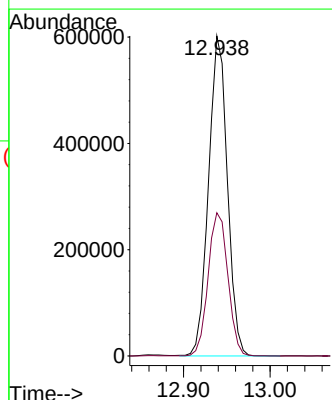
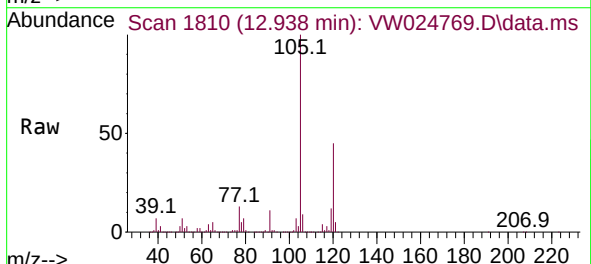
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

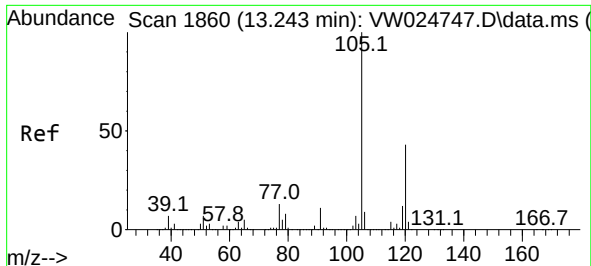
Tgt Ion: 75 Resp: 144901
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.6
110 37.9 29.2 43.8



#62
1,3,5-Trimethylbenzene
Concen: 26.750 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

Tgt Ion:105 Resp: 909648
Ion Ratio Lower Upper
105 100
120 46.8 38.8 58.2

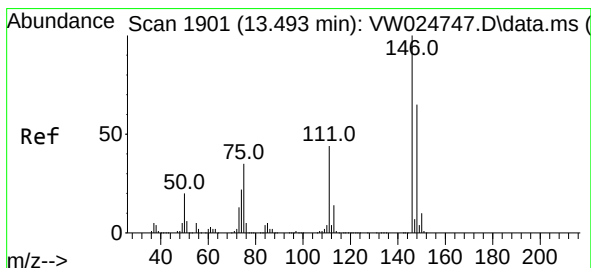
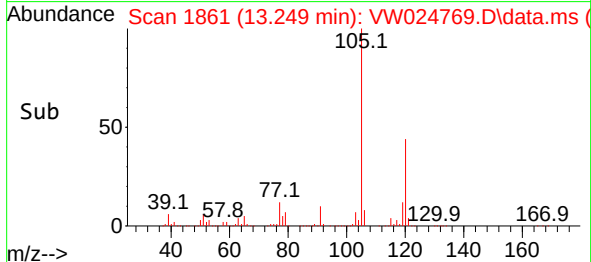
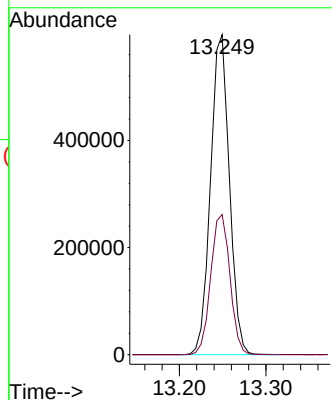
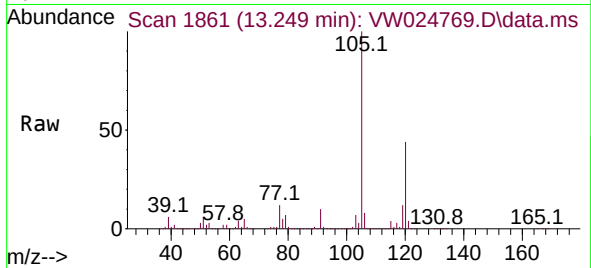




#63
1,2,4-Trimethylbenzene
Concen: 27.088 ug/L
RT: 13.249 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

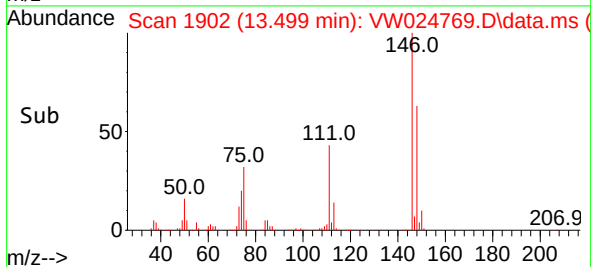
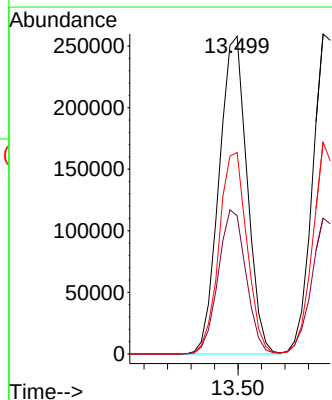
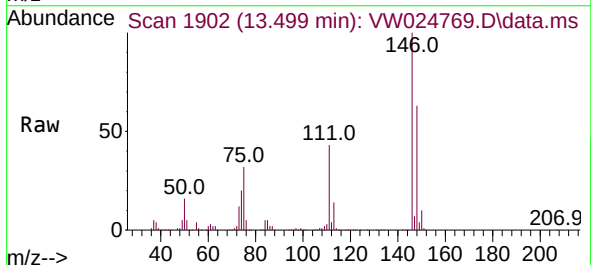
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

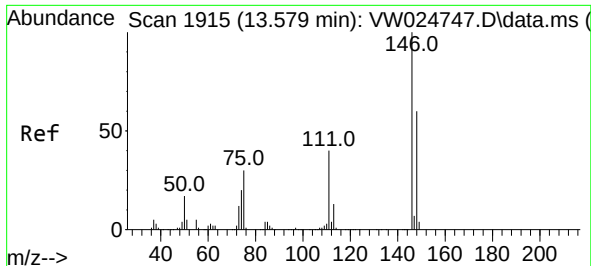
Tgt Ion:105 Resp: 902390
Ion Ratio Lower Upper
105 100
120 44.7 35.2 52.8



#64
1,3-Dichlorobenzene
Concen: 26.899 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

Tgt Ion:146 Resp: 427561
Ion Ratio Lower Upper
146 100
111 43.5 31.6 58.6
148 63.4 38.1 70.9

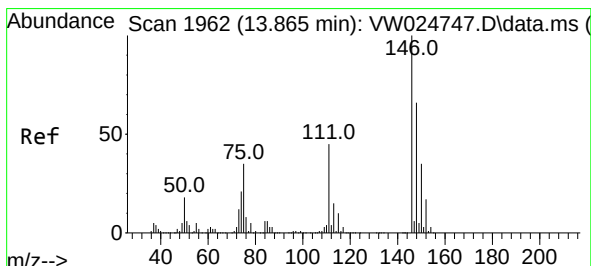
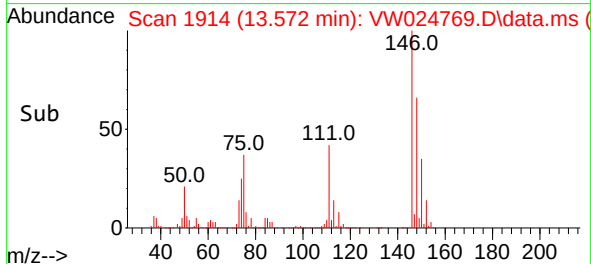
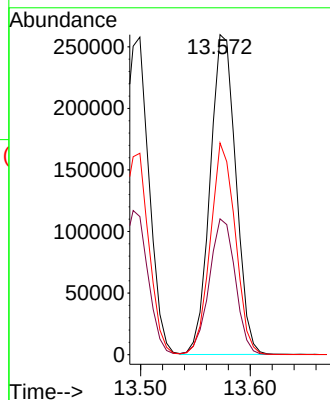
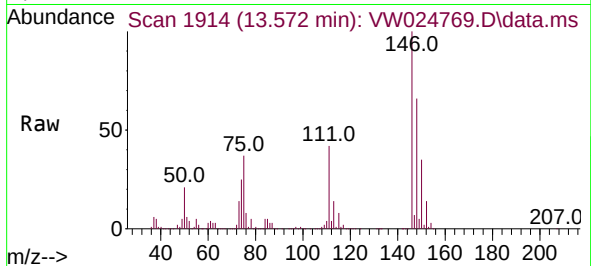




#65
1,4-Dichlorobenzene
Concen: 27.433 ug/L
RT: 13.572 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

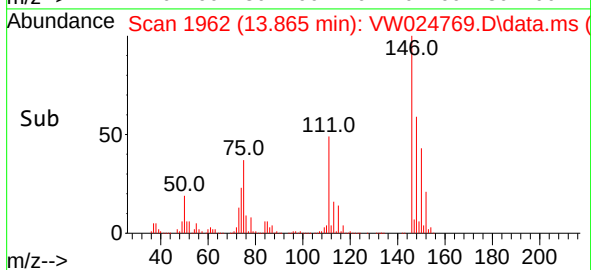
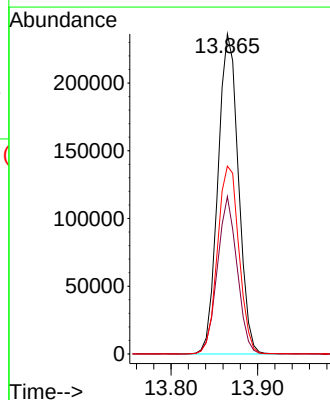
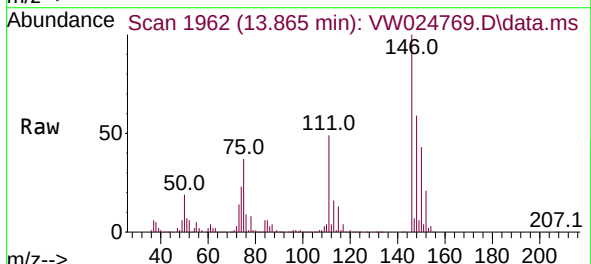
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

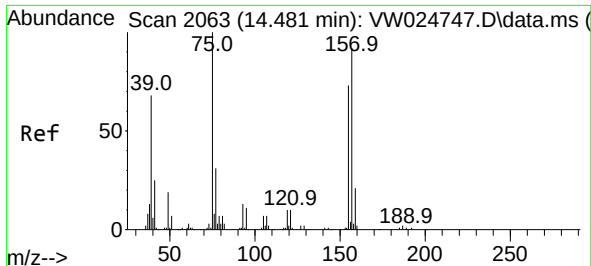
Tgt Ion:146 Resp: 424475
Ion Ratio Lower Upper
146 100
111 42.5 29.4 54.6
148 66.1 39.6 73.6



#67
1,2-Dichlorobenzene
Concen: 28.024 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

Tgt Ion:146 Resp: 387989
Ion Ratio Lower Upper
146 100
111 49.2 37.2 55.8
148 58.7 53.0 79.6





#68

1,2-Dibromo-3-chloropropane

Concen: 23.946 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024769.D

Acq: 06 Oct 2022 19:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025587

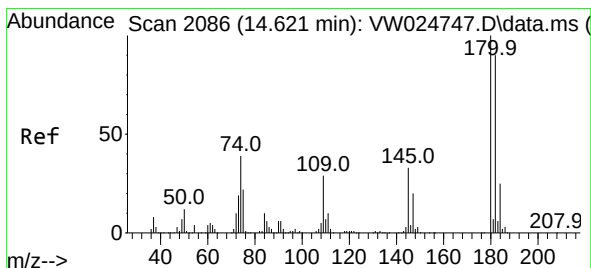
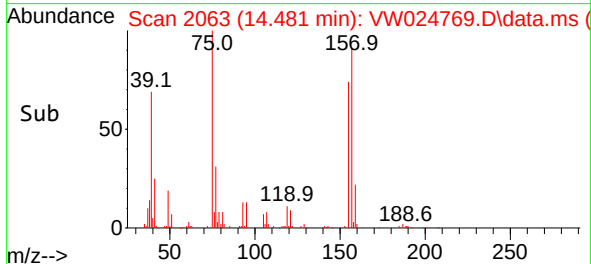
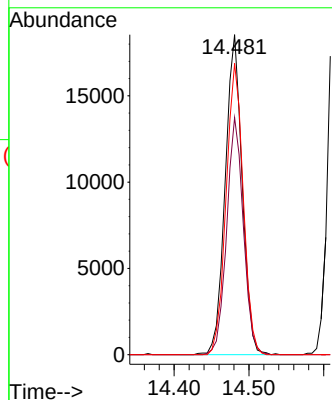
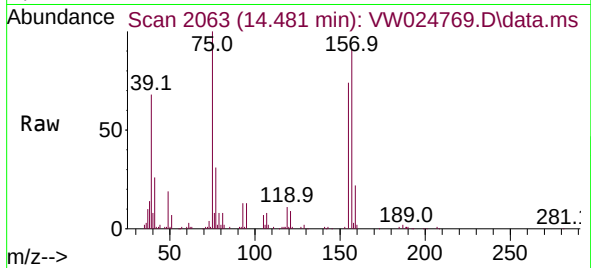
Tgt Ion: 75 Resp: 29282

Ion Ratio Lower Upper

75 100

155 74.1 57.6 86.4

157 91.0 73.0 109.6



#69

1,3,5-Trichlorobenzene

Concen: 25.328 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.006 min

Lab File: VW024769.D

Acq: 06 Oct 2022 19:07

Tgt Ion:180 Resp: 267312

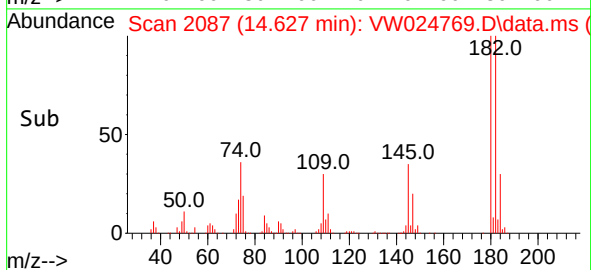
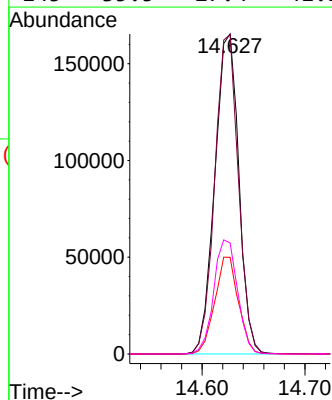
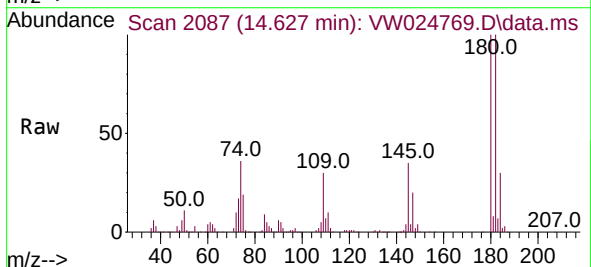
Ion Ratio Lower Upper

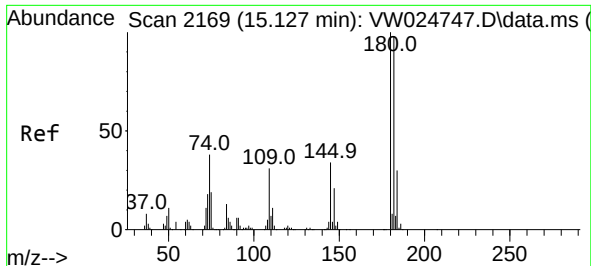
180 100

182 98.0 77.1 115.7

184 29.9 23.3 34.9

145 35.5 27.4 41.2

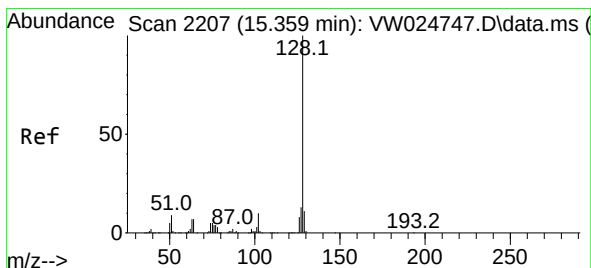
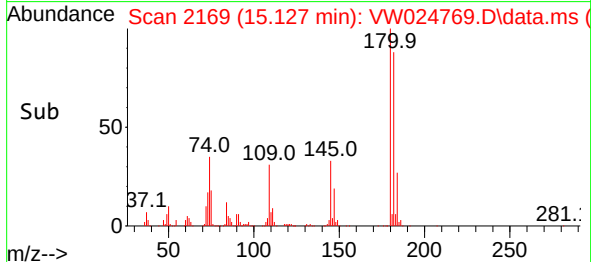
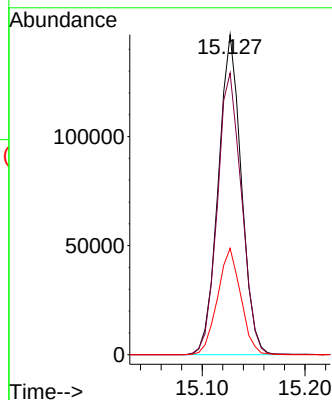
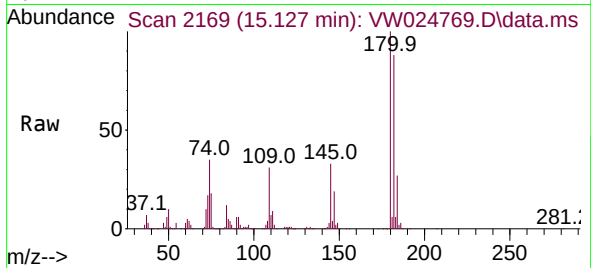




#70
1,2,4-trichlorobenzene
Concen: 25.778 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

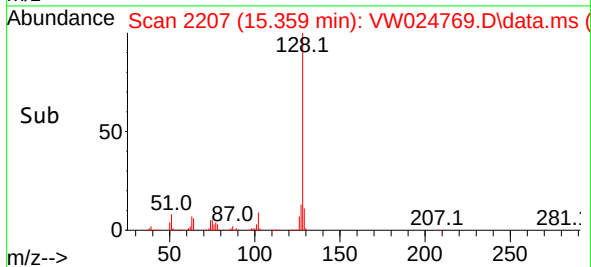
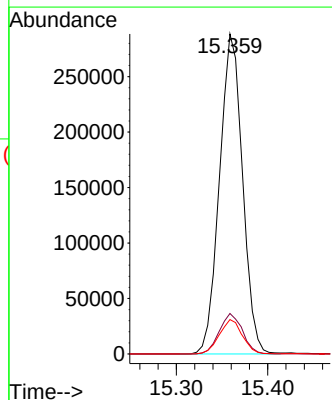
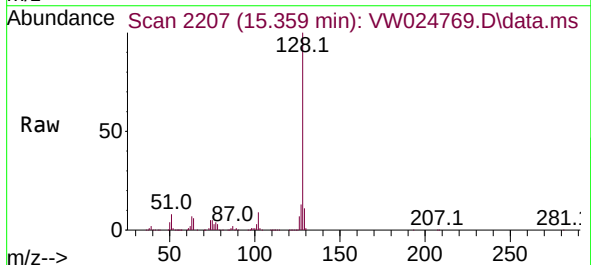
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

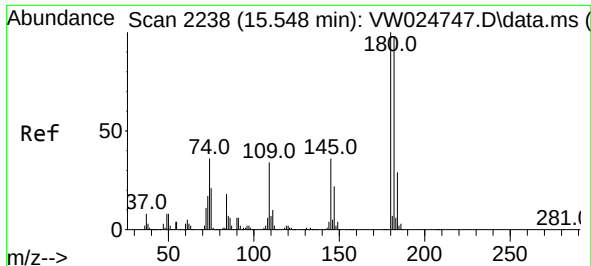
Tgt Ion:180 Resp: 228558
Ion Ratio Lower Upper
180 100
182 92.2 76.8 115.2
145 33.5 29.0 43.4



#71
Naphthalene
Concen: 26.198 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW024769.D
Acq: 06 Oct 2022 19:07

Tgt Ion:128 Resp: 505757
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 10.7 9.0 13.4





#72
 1,2,3-Trichlorobenzene
 Concen: 25.333 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW024769.D
 Acq: 06 Oct 2022 19:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025587

Tgt Ion:180 Resp: 191156
 Ion Ratio Lower Upper
 180 100
 182 93.7 77.4 116.2
 145 37.5 30.6 45.8

