

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100622\
 Data File : VW024747.D
 Acq On : 06 Oct 2022 09:30
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025586

Quant Time: Oct 07 03:00:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 06 01:37:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	555798	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	495266	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	245513	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	129605	22.288	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.160%
7) Chloroethane-d5	2.885	69	75099	22.224	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.880%
11) 1,1-Dichloroethene-d2	4.019	63	303190	22.526	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.120%
21) 2-Butanone-d5	7.080	46	110528	52.867	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.740%
24) Chloroform-d	7.647	84	351194	23.636	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.560%
26) 1,2-Dichloroethane-d4	8.305	65	180714	23.445	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	8.275	84	683049	21.577	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.320%
36) 1,2-Dichloropropane-d6	9.275	67	220897	22.839	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.360%
41) Toluene-d8	10.323	98	591992	20.924	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.680%
43) trans-1,3-Dichloroprop...	10.579	79	85481	19.846	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.400%
47) 2-Hexanone-d5	10.921	63	86314	52.159	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.320%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	179606	26.062	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.240%
66) 1,2-Dichlorobenzene-d4	13.847	152	189113	21.890	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	61256	17.951	ug/L	93
3) Chloromethane	2.221	50	141032	21.224	ug/L	97
5) Vinyl chloride	2.361	62	213048	31.182	ug/L	100
6) Bromomethane	2.776	94	96393	30.570	ug/L	98
8) Chloroethane	2.922	64	80715	28.022	ug/L	98
9) Trichlorofluoromethane	3.257	101	97138	25.413	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	210974	28.939	ug/L #	79
12) 1,1-Dichloroethene	4.044	96	202810	27.893	ug/L	87
13) Acetone	4.123	43	85404	55.989	ug/L	99
14) Carbon disulfide	4.385	76	621787	27.089	ug/L	99
15) Methyl Acetate	4.672	43	96757	28.647	ug/L	97
16) Methylene chloride	4.922	84	214087	19.613	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	218892	26.794	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	335934	25.935	ug/L	100
19) 1,1-Dichloroethane	6.214	63	412796	27.008	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	239820	27.359	ug/L	98
22) 2-Butanone	7.171	43	132718	54.397	ug/L	99
23) Bromochloromethane	7.519	128	98963	27.778	ug/L	92
25) Chloroform	7.677	83	402896	27.798	ug/L	98

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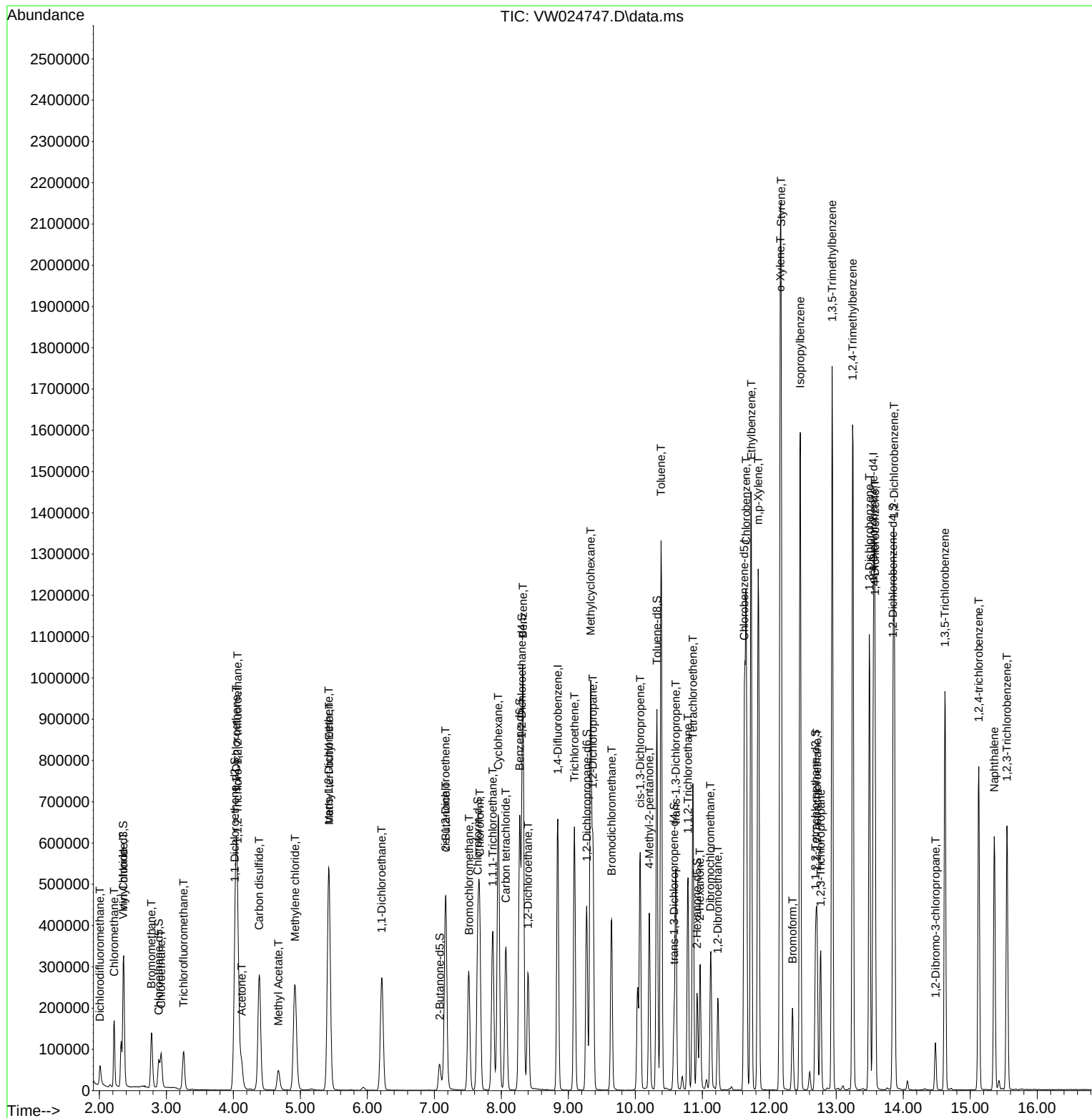
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	254277	27.882	ug/L	98
29) Cyclohexane	7.952	56	395466	25.637	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	313832	26.187	ug/L	99
31) Carbon tetrachloride	8.067	117	270421	26.646	ug/L	100
33) Benzene	8.323	78	931186	26.863	ug/L	100
34) Trichloroethene	9.092	95	233480	26.574	ug/L	97
35) Methylcyclohexane	9.335	83	417760	25.938	ug/L	99
37) 1,2-Dichloropropane	9.366	63	235755	27.549	ug/L	99
38) Bromodichloromethane	9.646	83	287084	27.272	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	350829	25.924	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	280659	55.407	ug/L	99
42) Toluene	10.384	91	958961	26.789	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	294477	25.381	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	164747	28.184	ug/L	97
46) Tetrachloroethene	10.860	164	155248	26.006	ug/L	92
48) 2-Hexanone	10.963	43	196937	57.496	ug/L	98
49) Dibromochloromethane	11.122	129	176198	26.769	ug/L	95
50) 1,2-Dibromoethane	11.232	107	151706	27.419	ug/L	96
51) Chlorobenzene	11.652	112	593659	27.086	ug/L	97
52) Ethylbenzene	11.731	91	1062438	26.945	ug/L	98
53) m,p-Xylene	11.835	106	410370	26.653	ug/L	100
54) o-Xylene	12.164	106	393167	27.041	ug/L	91
55) Styrene	12.176	104	679780	27.734	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	198963	29.070	ug/L	98
59) Bromoform	12.347	173	86648	24.968	ug/L	98
60) Isopropylbenzene	12.463	105	1046754	26.159	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	146990	27.794	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	922758	26.532	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	896830	26.322	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	425155	26.153	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	421913	26.661	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	386778	27.316	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	31252	24.989	ug/L	99
69) 1,3,5-Trichlorobenzene	14.621	180	269855	25.001	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	228669	25.217	ug/L	99
71) Naphthalene	15.359	128	519788	26.326	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	196316	25.438	ug/L	96

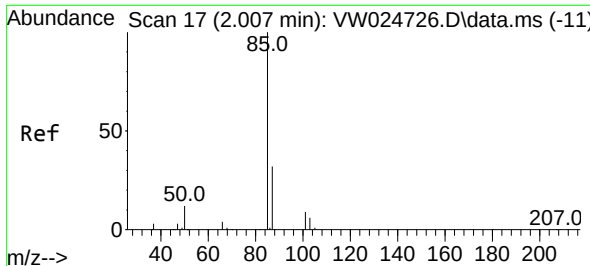
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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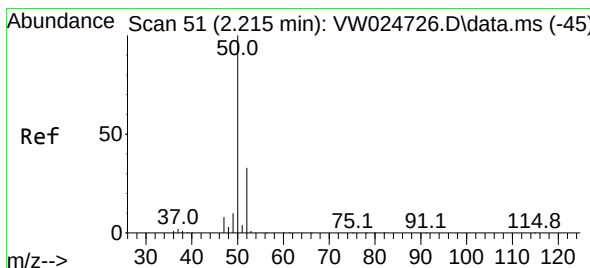
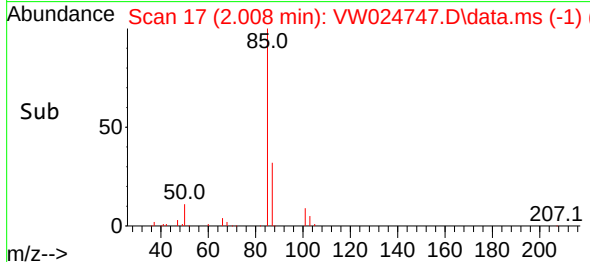
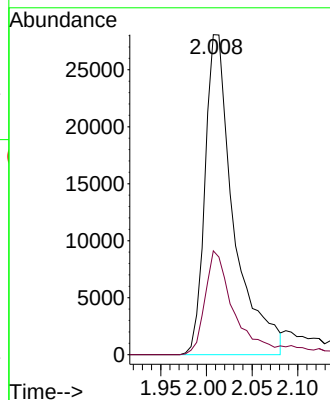
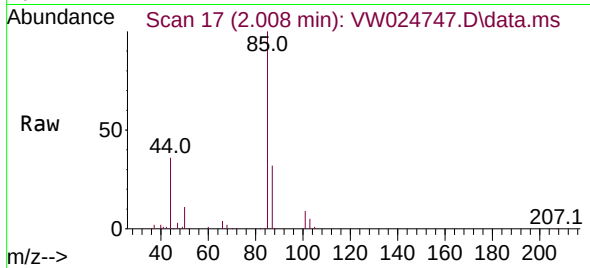




#2
Dichlorodifluoromethane
Concen: 17.951 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

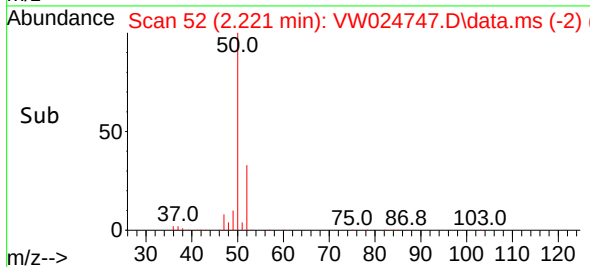
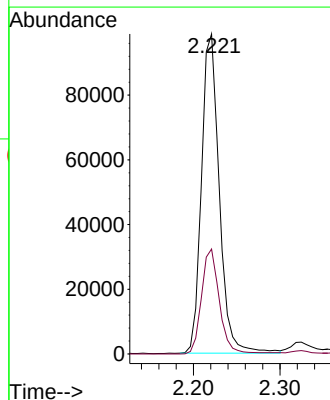
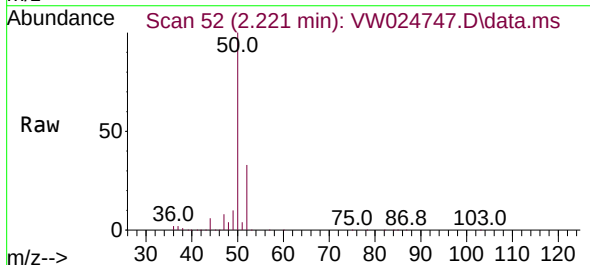
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

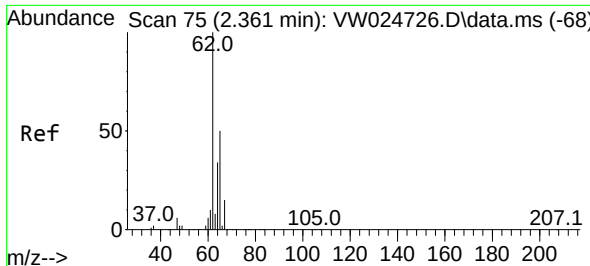
Tgt Ion: 85 Resp: 61256
Ion Ratio Lower Upper
85 100
87 32.0 28.8 43.2



#3
Chloromethane
Concen: 21.224 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

Tgt Ion: 50 Resp: 141032
Ion Ratio Lower Upper
50 100
52 32.8 21.7 40.3

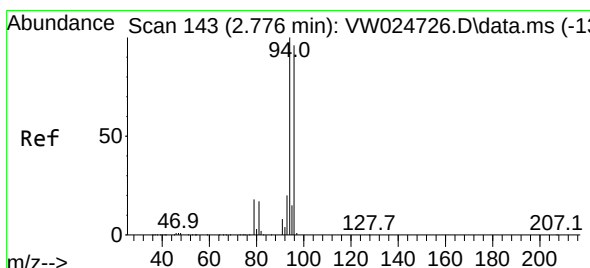
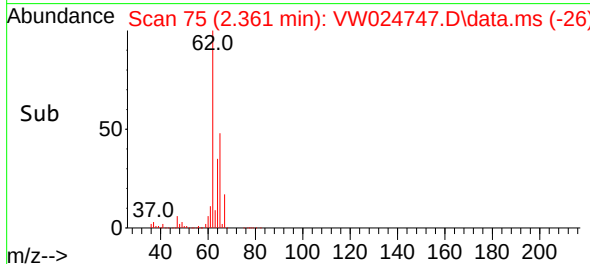
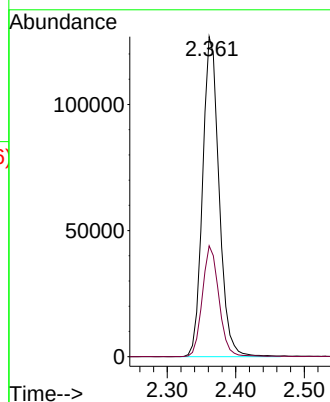
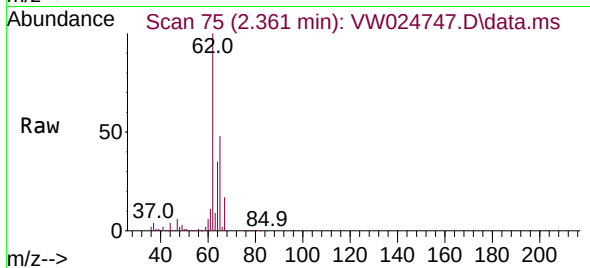




#5
 Vinyl chloride
 Concen: 31.182 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW024747.D
 Acq: 06 Oct 2022 09:30

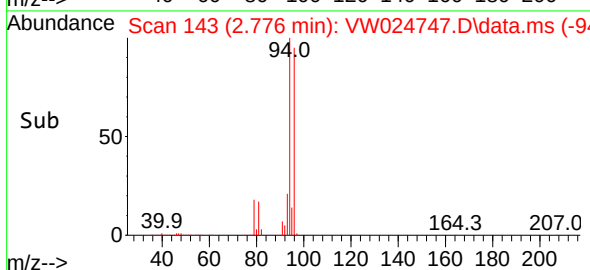
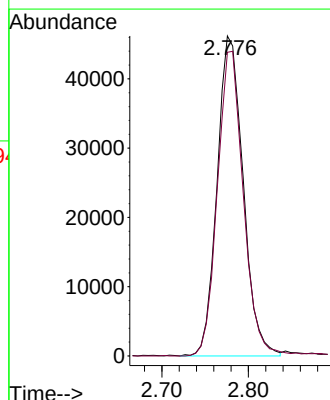
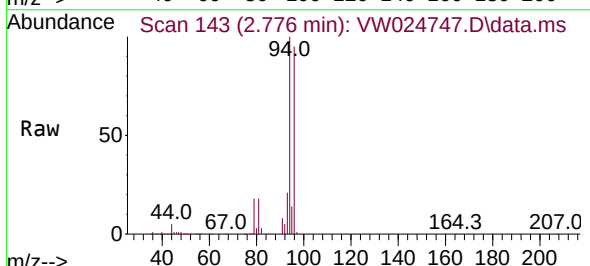
Instrument :
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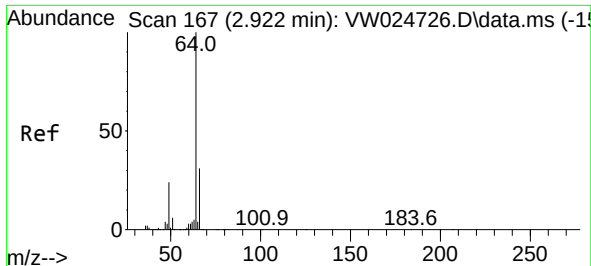
Tgt Ion: 62 Resp: 213048
 Ion Ratio Lower Upper
 62 100
 64 34.6 24.4 45.2



#6
 Bromomethane
 Concen: 30.570 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW024747.D
 Acq: 06 Oct 2022 09:30

Tgt Ion: 94 Resp: 96393
 Ion Ratio Lower Upper
 94 100
 96 94.9 68.0 126.2

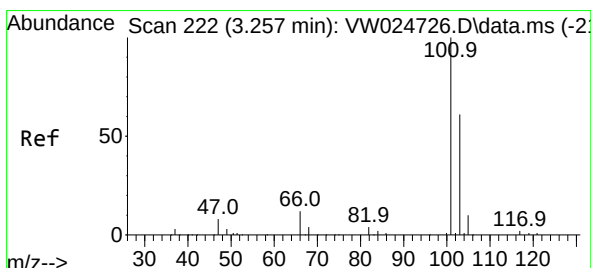
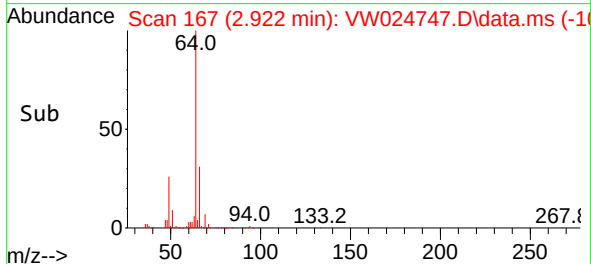
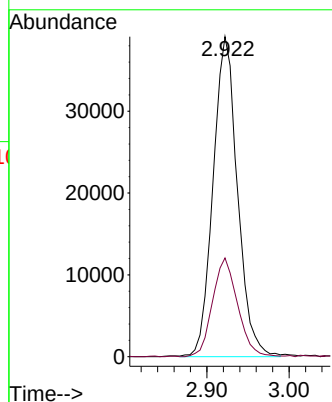
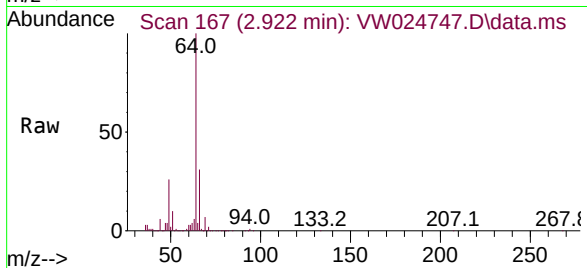




#8
Chloroethane
Concen: 28.022 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

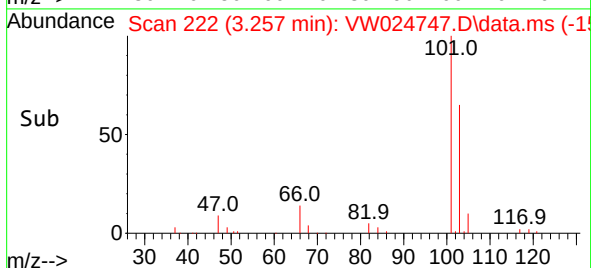
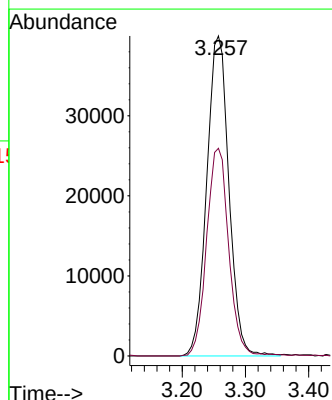
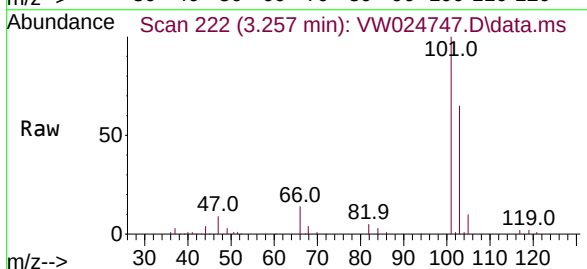
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

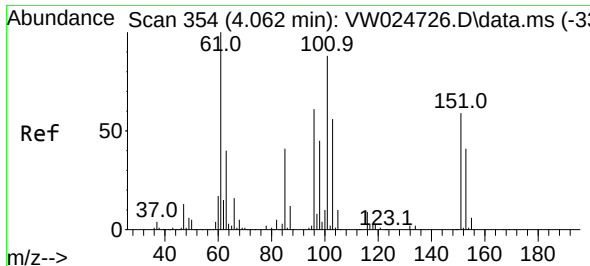
Tgt Ion: 64 Resp: 80715
Ion Ratio Lower Upper
64 100
66 30.8 22.5 41.9



#9
Trichlorofluoromethane
Concen: 25.413 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

Tgt Ion: 101 Resp: 97138
Ion Ratio Lower Upper
101 100
103 64.4 53.4 80.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 28.939 ug/L

RT: 4.062 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW024747.D

Acq: 06 Oct 2022 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025586

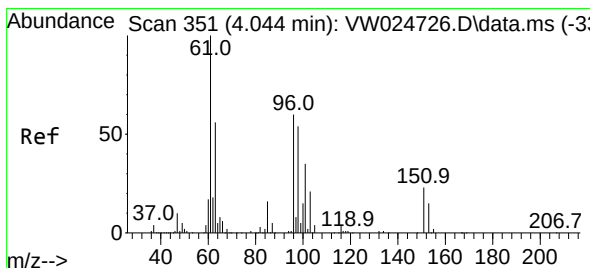
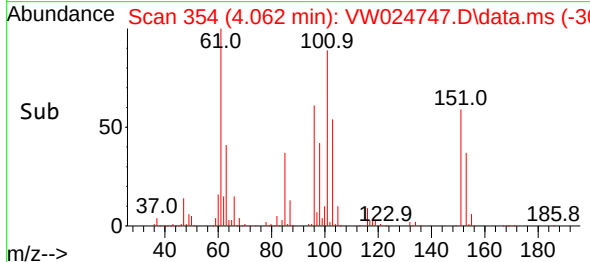
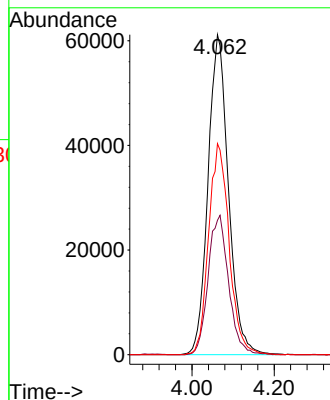
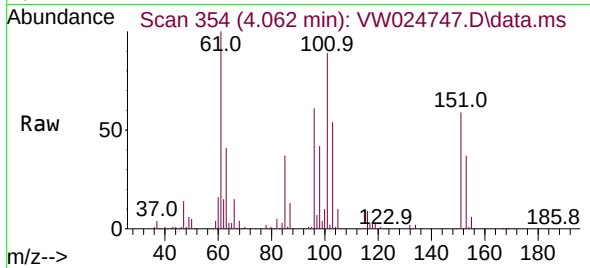
Tgt Ion:101 Resp: 210974

Ion Ratio Lower Upper

101 100

85 43.6 34.9 52.3

151 66.3 30.9 46.3#



#12

1,1-Dichloroethene

Concen: 27.893 ug/L

RT: 4.044 min Scan# 351

Delta R.T. 0.000 min

Lab File: VW024747.D

Acq: 06 Oct 2022 09:30

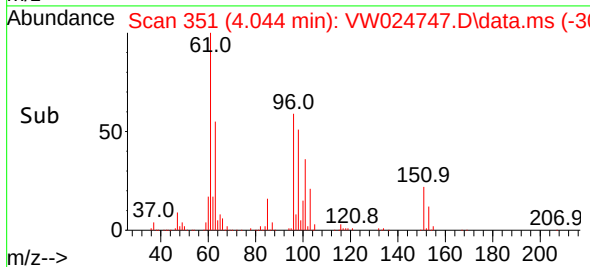
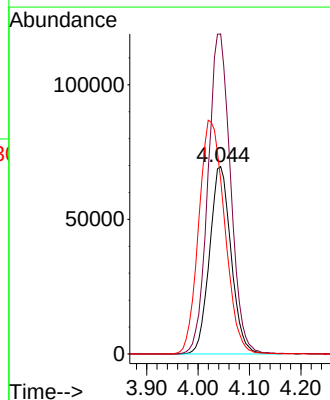
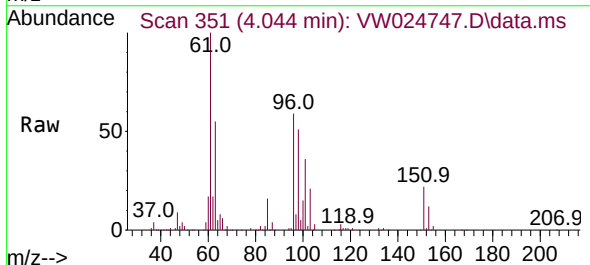
Tgt Ion: 96 Resp: 202810

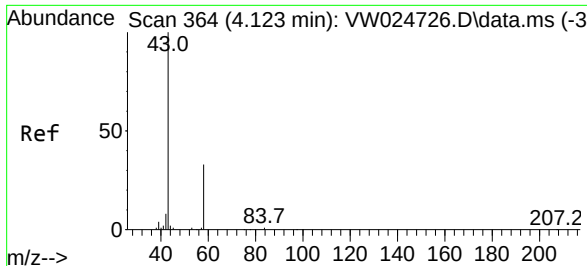
Ion Ratio Lower Upper

96 100

61 170.8 124.5 231.1

63 93.1 84.1 156.1

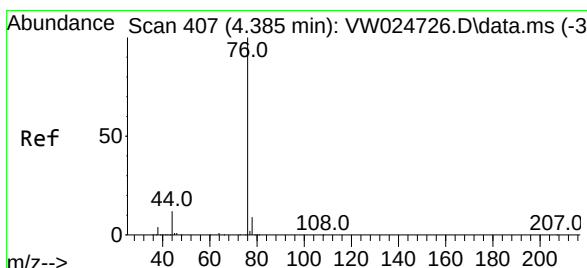
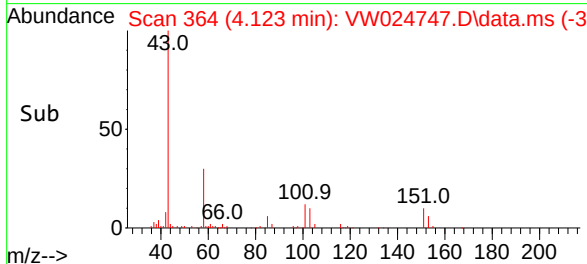
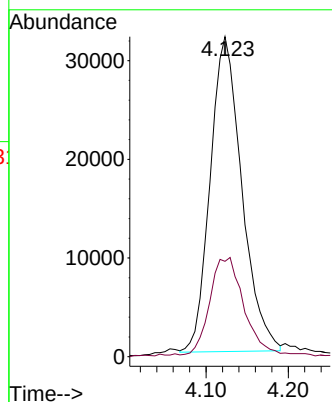
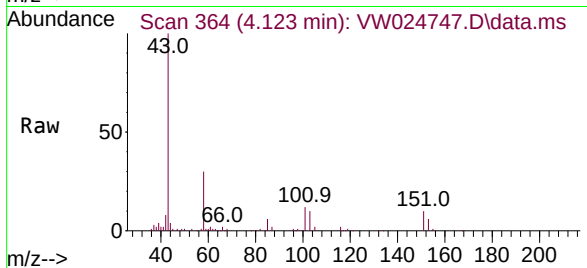




#13
Acetone
Concen: 55.989 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

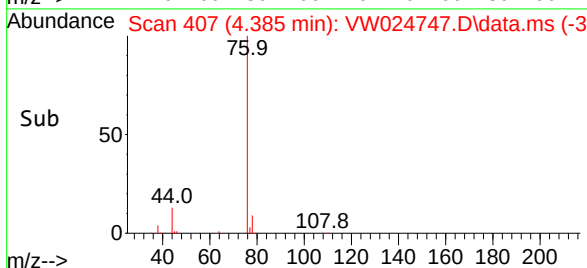
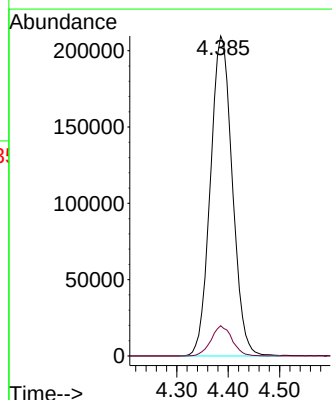
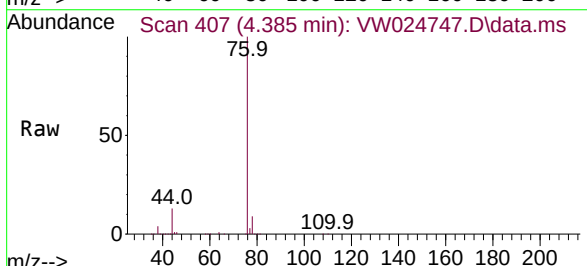
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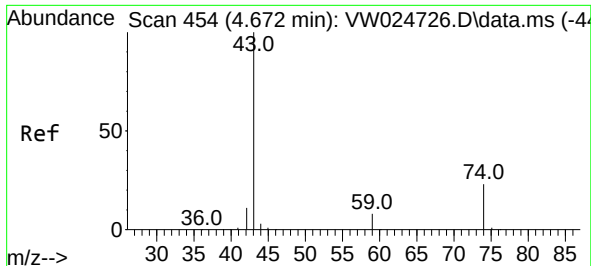
Tgt Ion: 43 Resp: 85404
Ion Ratio Lower Upper
43 100
58 33.0 0.0 67.6



#14
Carbon disulfide
Concen: 27.089 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 621787
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

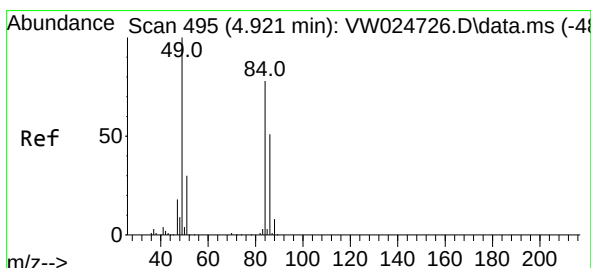
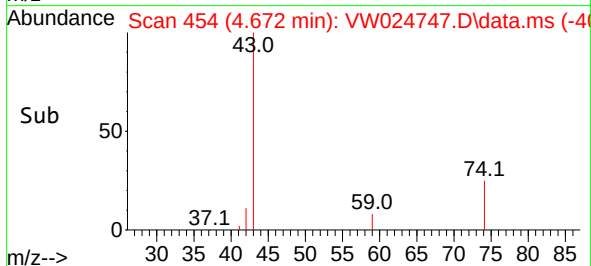
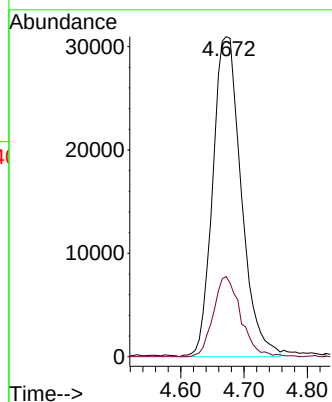
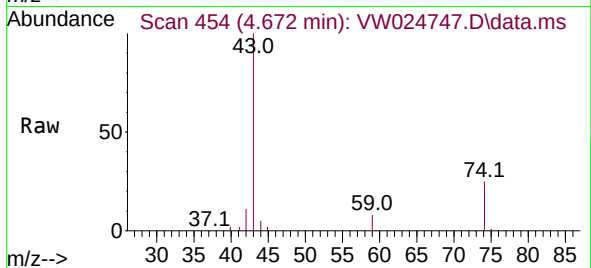




#15
Methyl Acetate
Concen: 28.647 ug/L
RT: 4.672 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

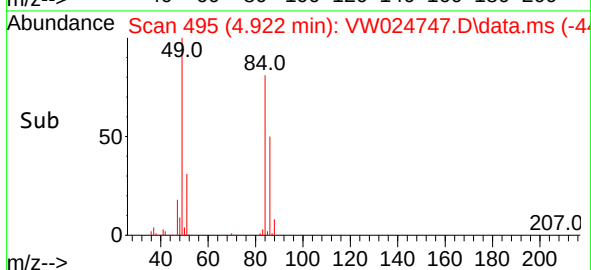
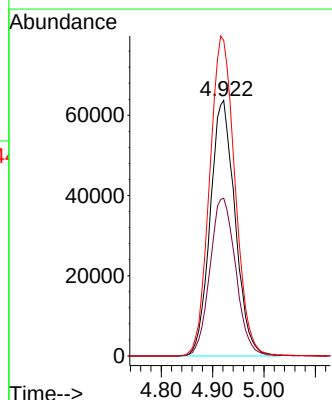
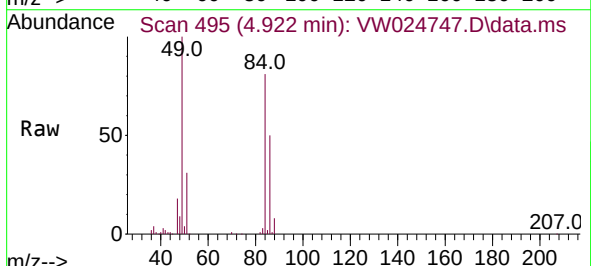
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

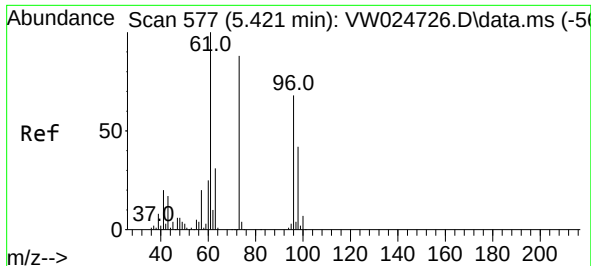
Tgt Ion: 43 Resp: 96757
Ion Ratio Lower Upper
43 100
74 23.8 18.1 27.1



#16
Methylene chloride
Concen: 19.613 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

Tgt Ion: 84 Resp: 214087
Ion Ratio Lower Upper
84 100
86 61.8 44.0 81.8
49 123.5 87.4 162.2

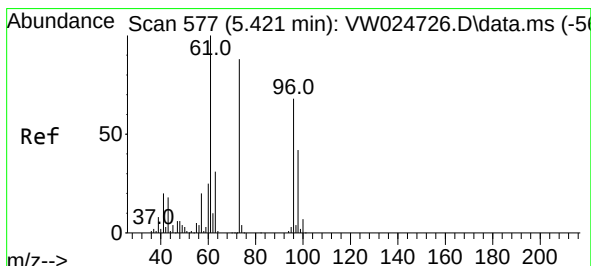
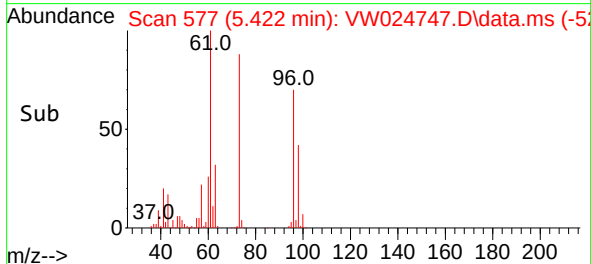
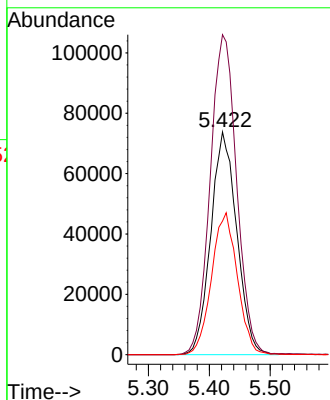
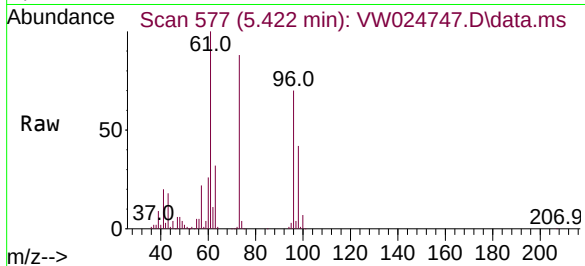




#17
trans-1,2-Dichloroethene
Concen: 26.794 ug/L
RT: 5.422 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

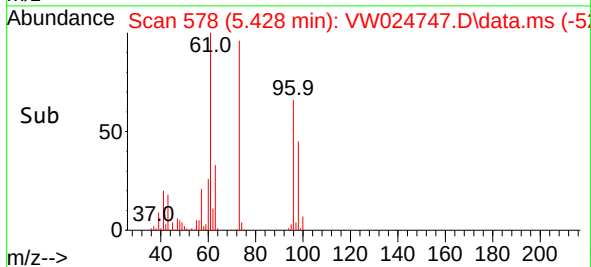
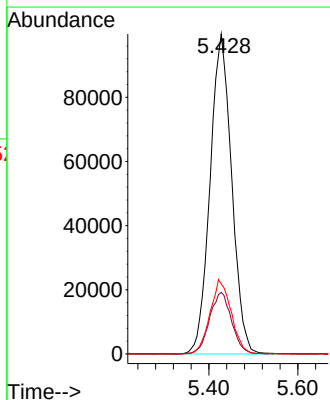
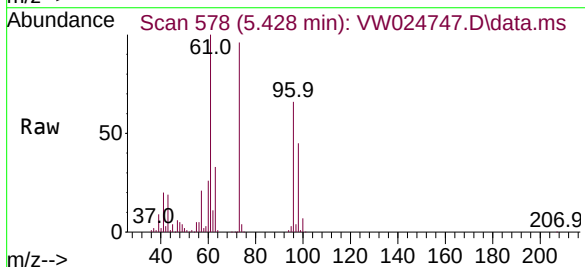
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

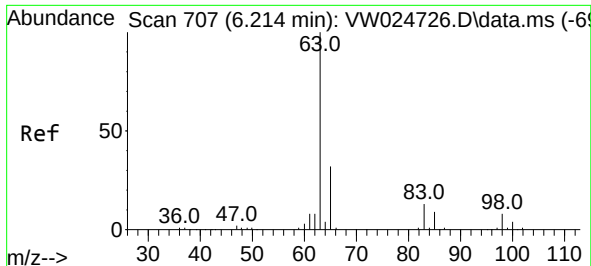
Tgt Ion: 96 Resp: 218892
Ion Ratio Lower Upper
96 100
61 143.7 106.3 197.5
98 60.0 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 25.935 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

Tgt Ion: 73 Resp: 335934
Ion Ratio Lower Upper
73 100
43 19.6 15.6 23.4
57 22.8 18.3 27.5





#19

1,1-Dichloroethane

Concen: 27.008 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW024747.D

Acq: 06 Oct 2022 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025586

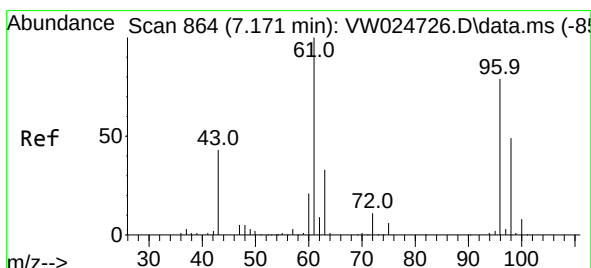
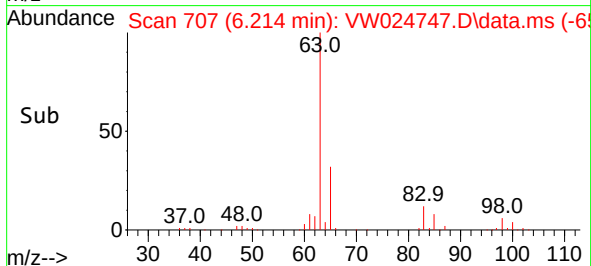
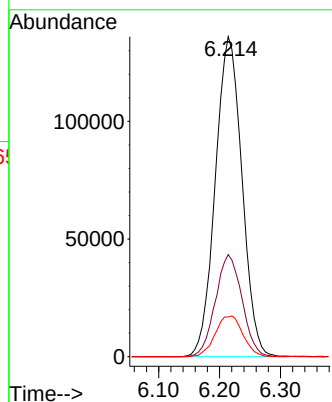
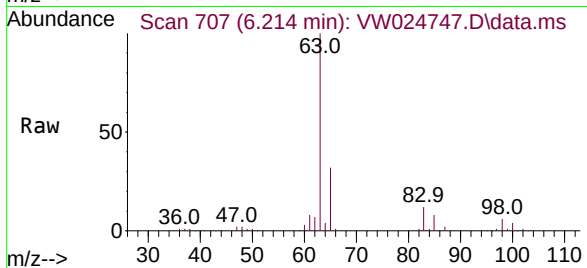
Tgt Ion: 63 Resp: 412796

Ion Ratio Lower Upper

63 100

65 31.9 23.7 43.9

83 12.4 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 27.359 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW024747.D

Acq: 06 Oct 2022 09:30

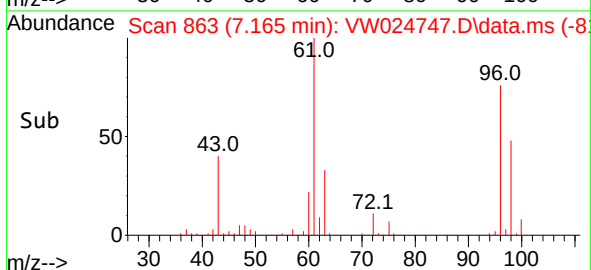
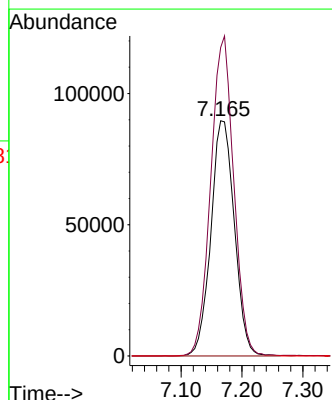
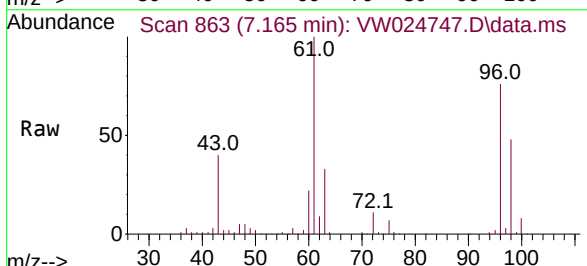
Tgt Ion: 96 Resp: 239820

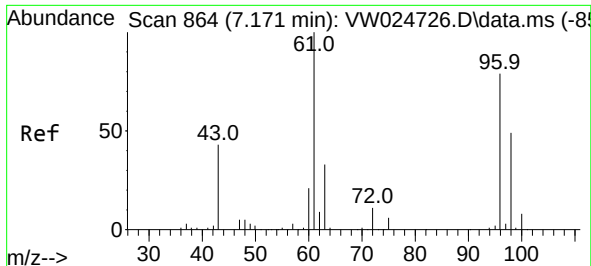
Ion Ratio Lower Upper

96 100

61 131.1 90.2 167.4

68 0.0 0.0 0.0

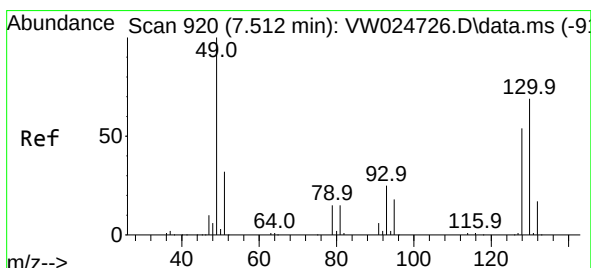
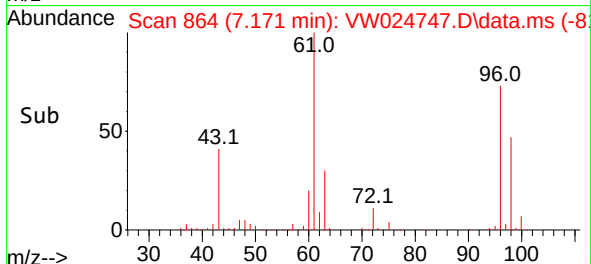
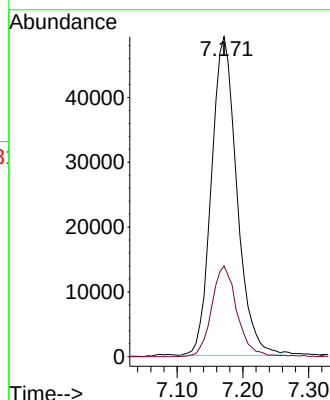
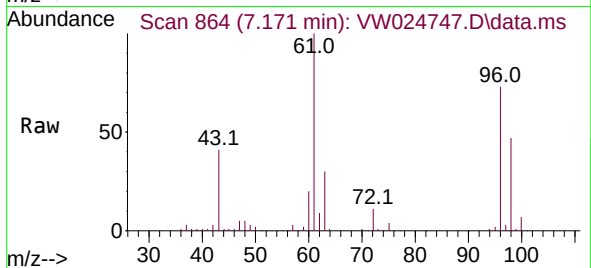




#22
2-Butanone
Concen: 54.397 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

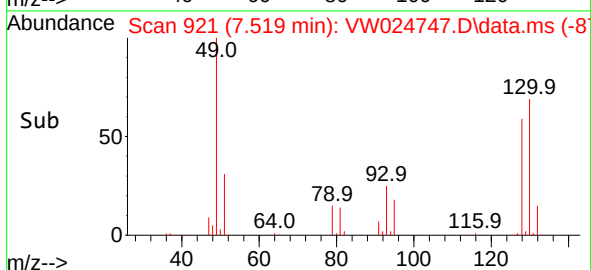
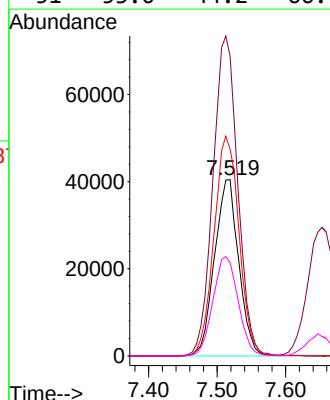
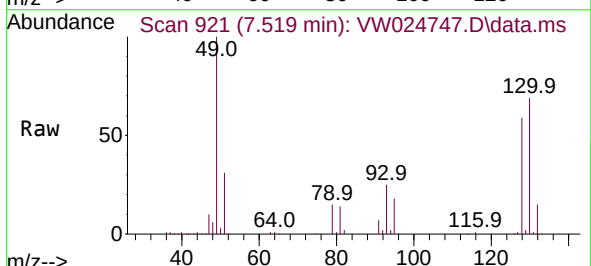
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

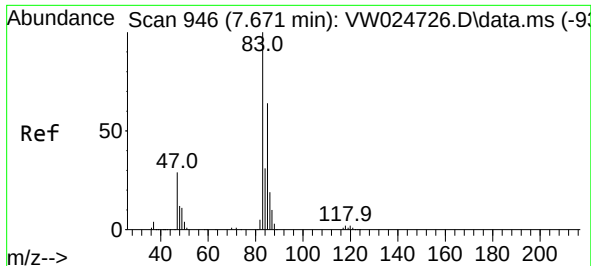
Tgt Ion: 43 Resp: 132718
Ion Ratio Lower Upper
43 100
72 28.0 13.8 41.3



#23
Bromochloromethane
Concen: 27.778 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

Tgt Ion: 128 Resp: 98963
Ion Ratio Lower Upper
128 100
49 169.8 127.3 236.3
130 117.2 90.2 167.4
51 53.0 44.2 66.4

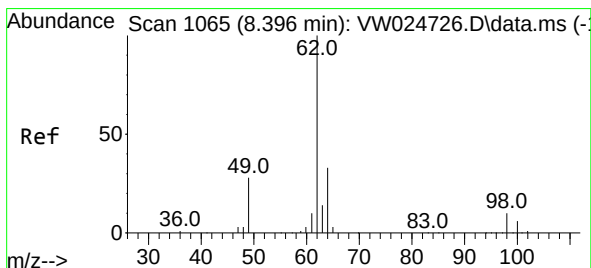
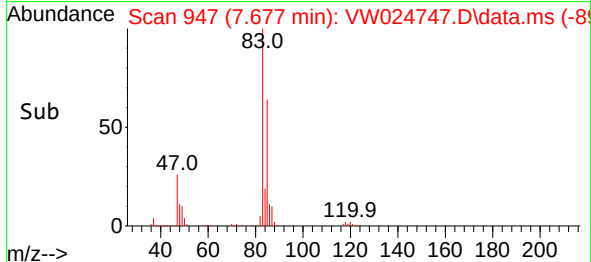
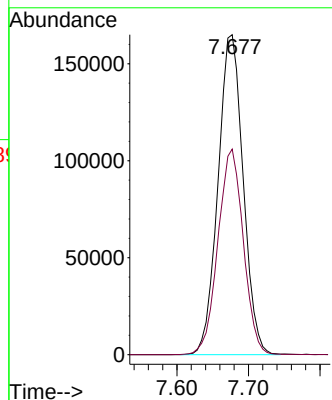
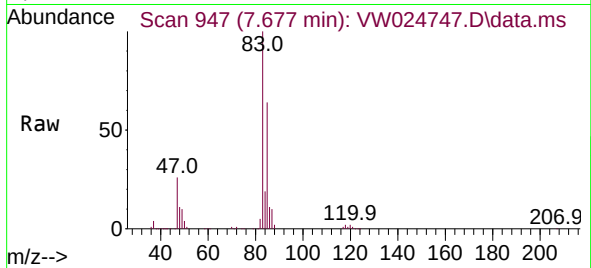




#25
Chloroform
Concen: 27.798 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

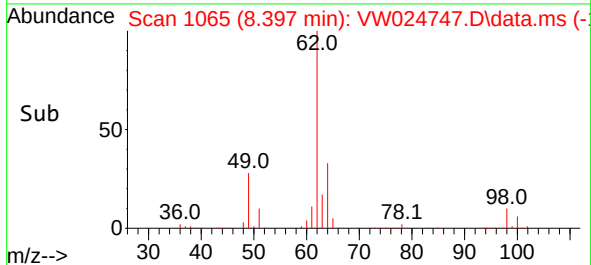
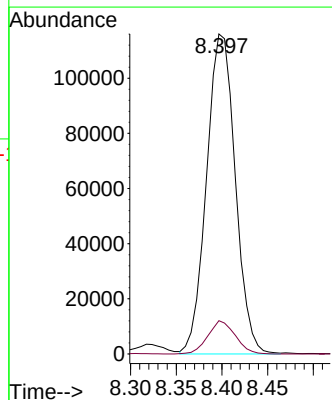
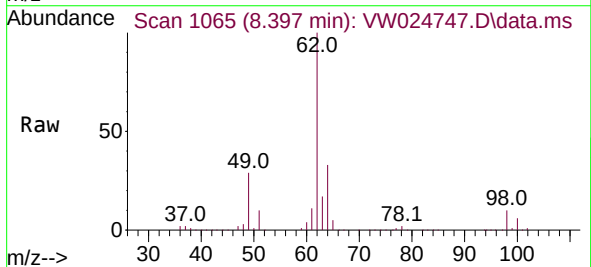
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

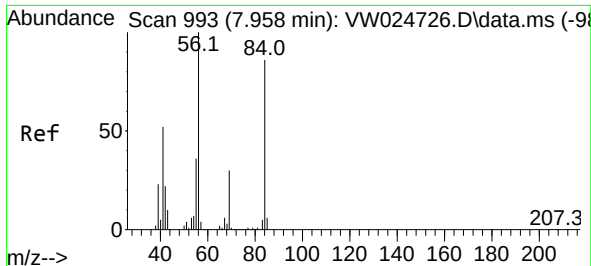
Tgt Ion: 83 Resp: 402896
Ion Ratio Lower Upper
83 100
85 64.3 44.0 81.8



#27
1,2-Dichloroethane
Concen: 27.882 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

Tgt Ion: 62 Resp: 254277
Ion Ratio Lower Upper
62 100
98 10.4 7.8 11.8





#29

Cyclohexane

Concen: 25.637 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW024747.D

Acq: 06 Oct 2022 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025586

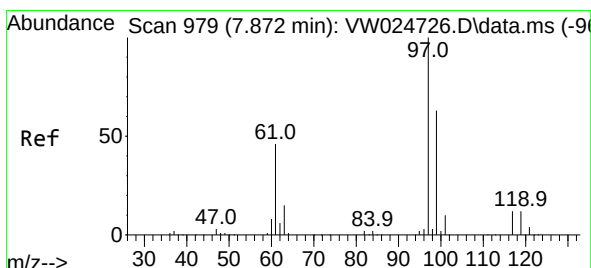
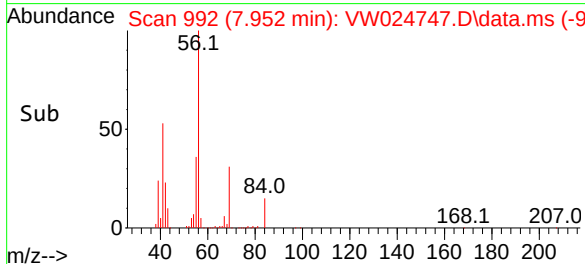
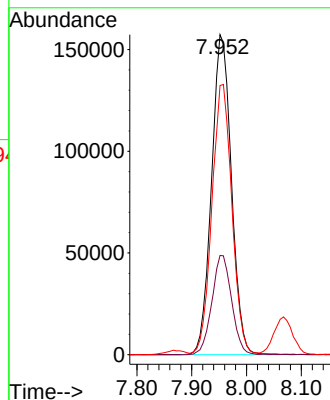
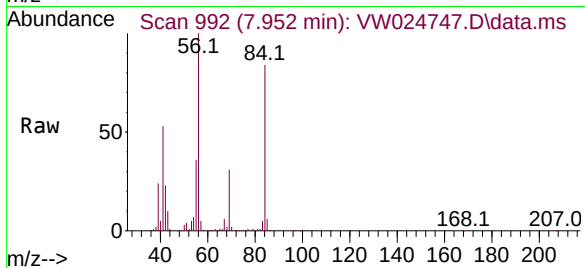
Tgt Ion: 56 Resp: 395466

Ion Ratio Lower Upper

56 100

69 30.7 25.0 37.4

84 85.1 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 26.187 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW024747.D

Acq: 06 Oct 2022 09:30

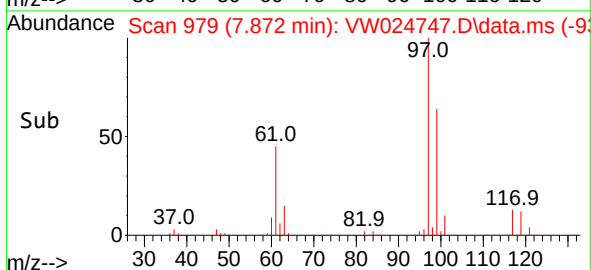
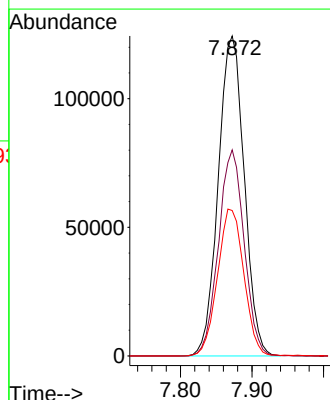
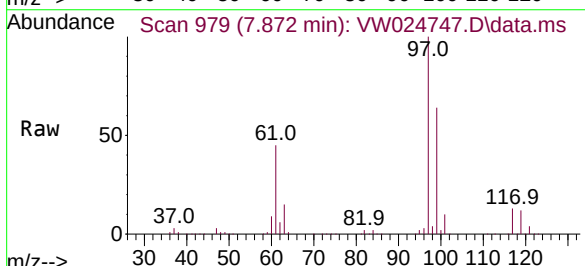
Tgt Ion: 97 Resp: 313832

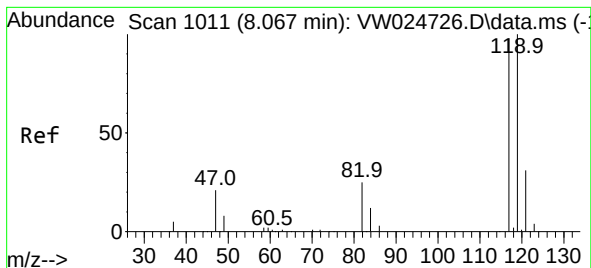
Ion Ratio Lower Upper

97 100

99 63.7 51.1 76.7

61 46.6 35.8 53.6

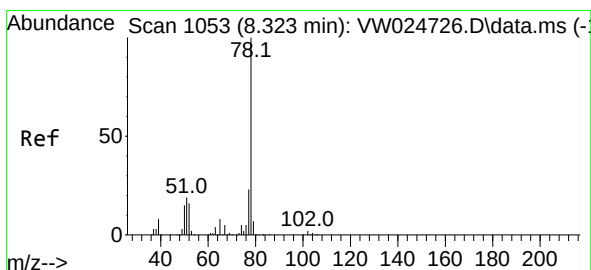
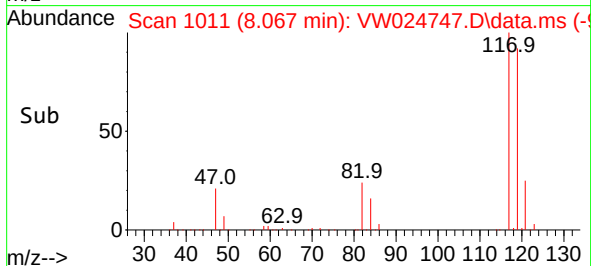
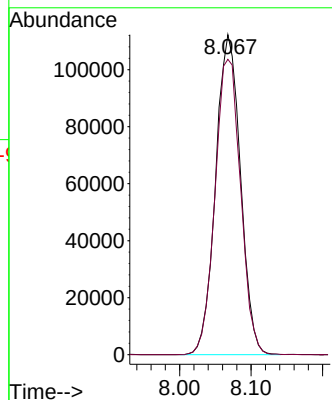
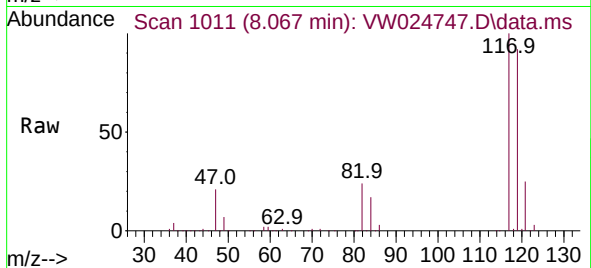




#31
Carbon tetrachloride
Concen: 26.646 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

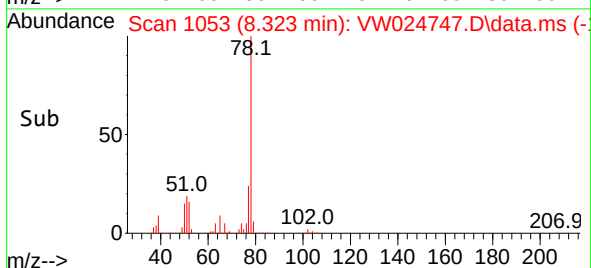
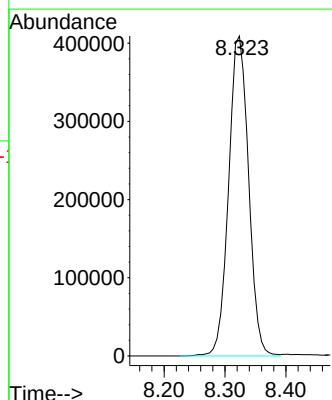
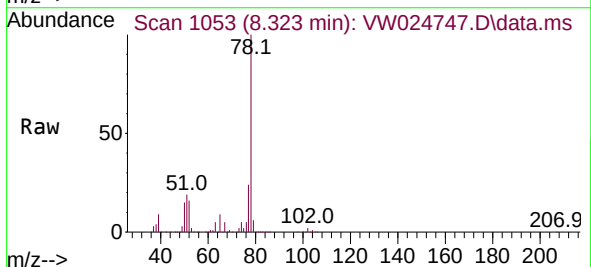
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

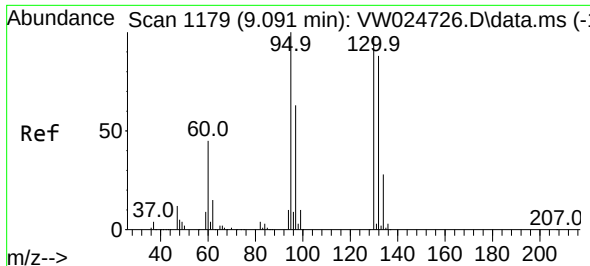
Tgt Ion:117 Resp: 270421
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2



#33
Benzene
Concen: 26.863 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

Tgt Ion: 78 Resp: 931186



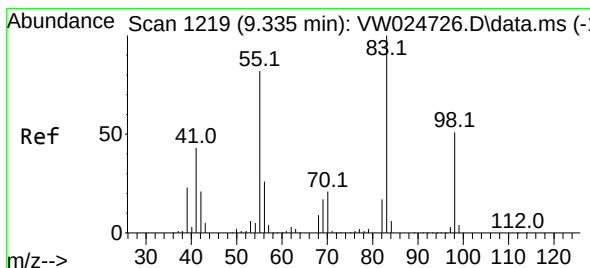
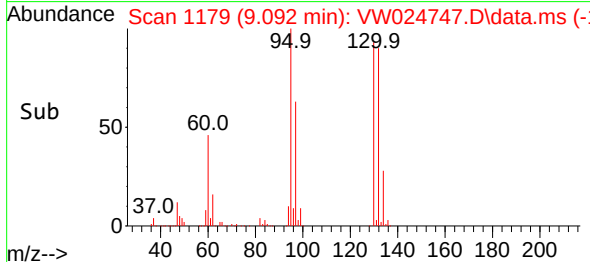
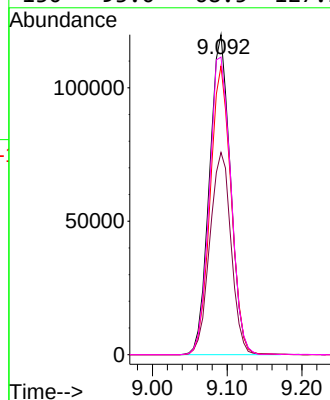
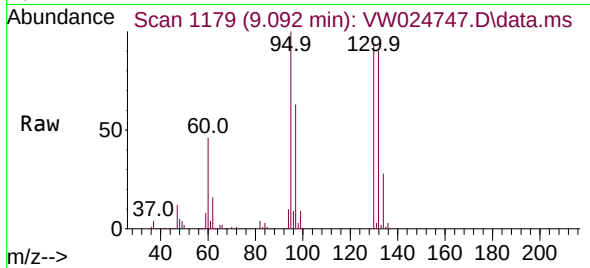


#34
Trichloroethene
Concen: 26.574 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

Tgt Ion: 95 Resp: 233480

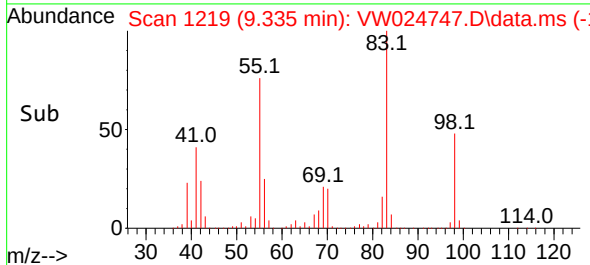
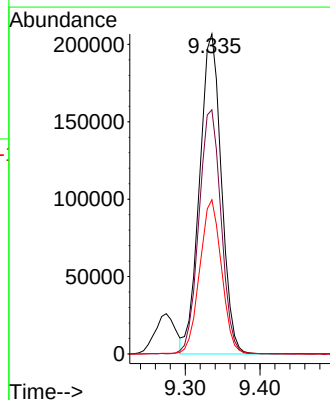
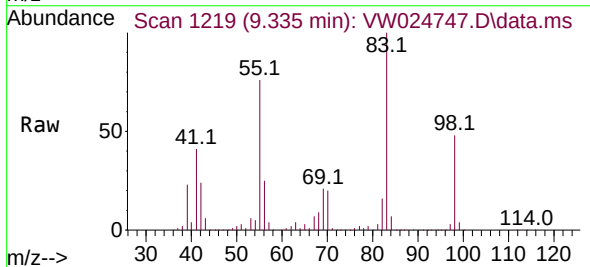
Ion	Ratio	Lower	Upper
95	100		
97	63.2	43.5	80.9
132	90.2	61.2	113.8
130	93.0	68.5	127.1

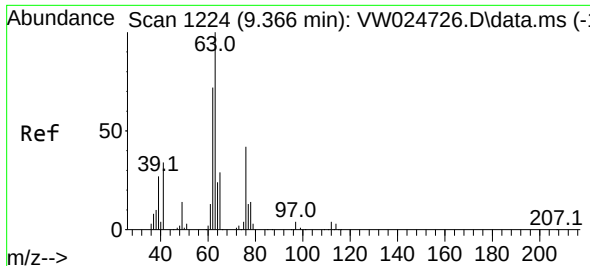


#35
Methylcyclohexane
Concen: 25.938 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

Tgt Ion: 83 Resp: 417760

Ion	Ratio	Lower	Upper
83	100		
55	77.5	63.1	94.7
98	48.3	38.3	57.5





#37

1,2-Dichloropropane

Concen: 27.549 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024747.D

Acq: 06 Oct 2022 09:30

Instrument :

MSVOA_W

ClientSampleId :

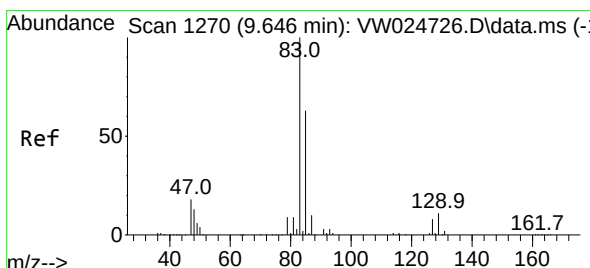
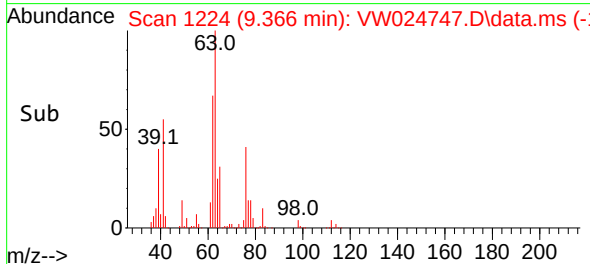
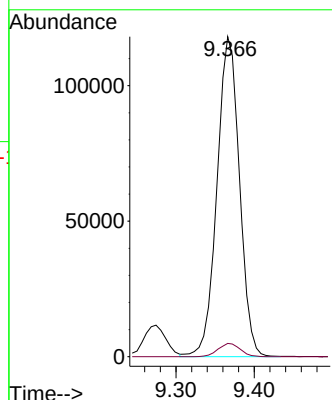
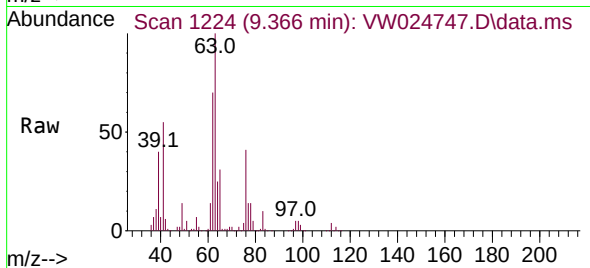
VSTD025586

Tgt Ion: 63 Resp: 235755

Ion Ratio Lower Upper

63 100

112 4.1 3.6 5.4



#38

Bromodichloromethane

Concen: 27.272 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024747.D

Acq: 06 Oct 2022 09:30

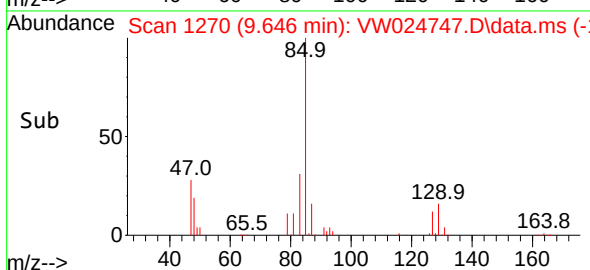
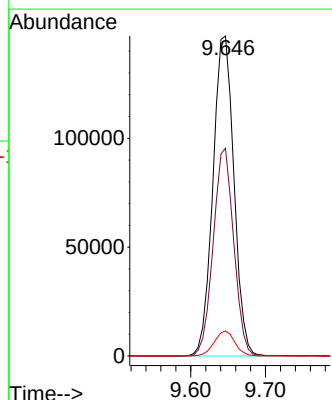
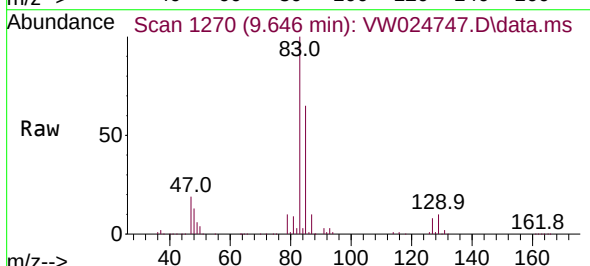
Tgt Ion: 83 Resp: 287084

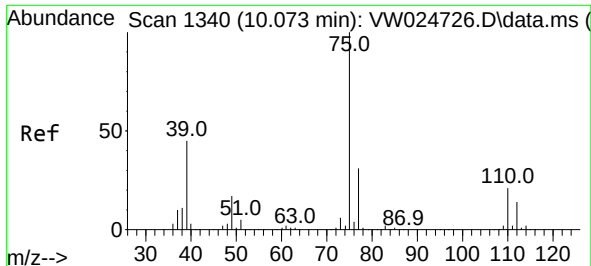
Ion Ratio Lower Upper

83 100

85 64.9 45.6 84.8

127 7.8 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 25.924 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024747.D

Acq: 06 Oct 2022 09:30

Instrument :

MSVOA_W

ClientSampleId :

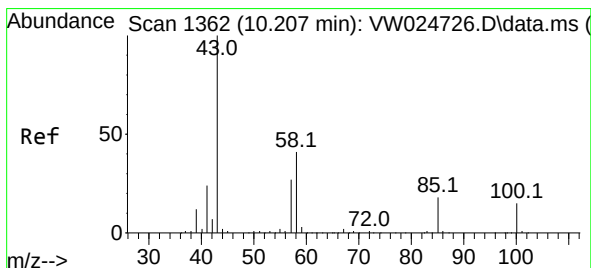
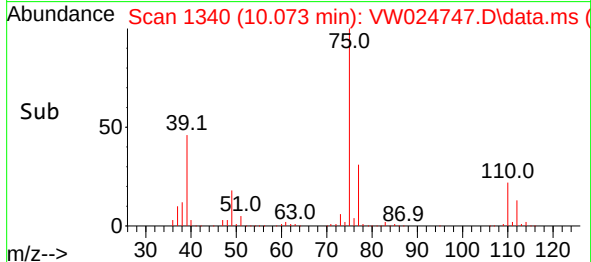
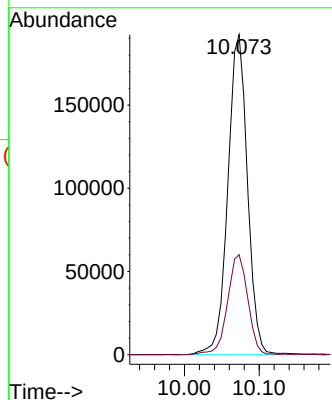
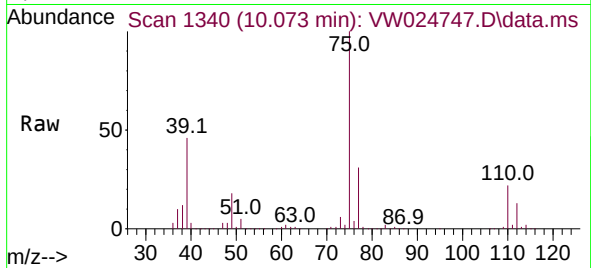
VSTD025586

Tgt Ion: 75 Resp: 350829

Ion Ratio Lower Upper

75 100

77 31.3 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 55.407 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024747.D

Acq: 06 Oct 2022 09:30

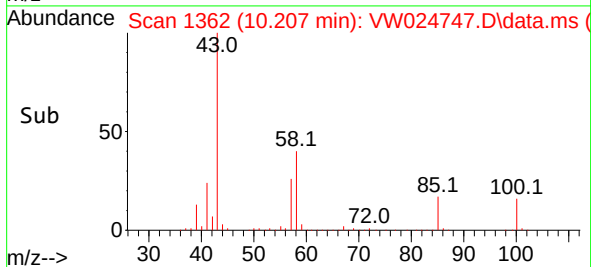
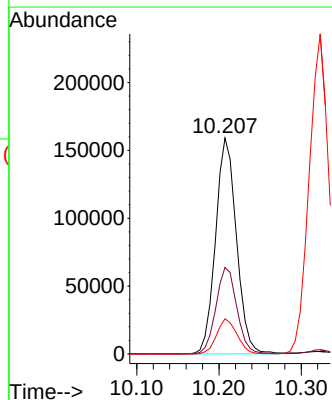
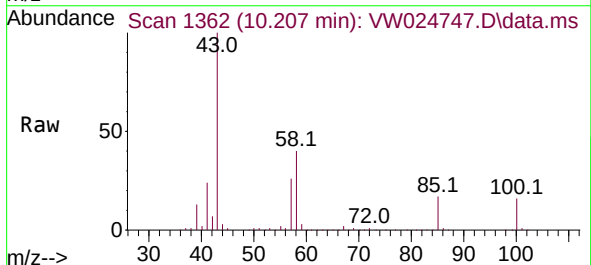
Tgt Ion: 43 Resp: 280659

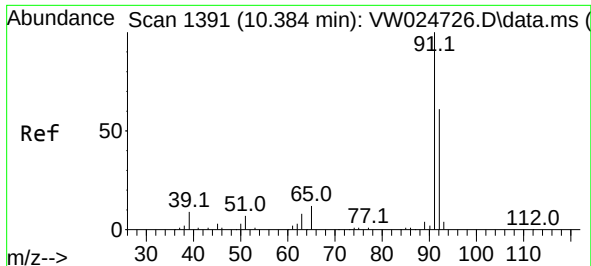
Ion Ratio Lower Upper

43 100

58 40.3 32.9 49.3

100 15.9 12.6 19.0

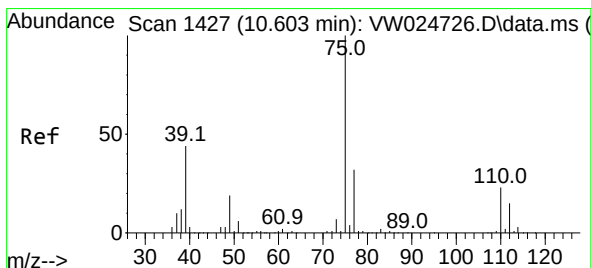
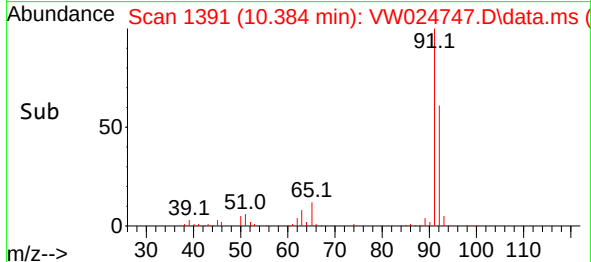
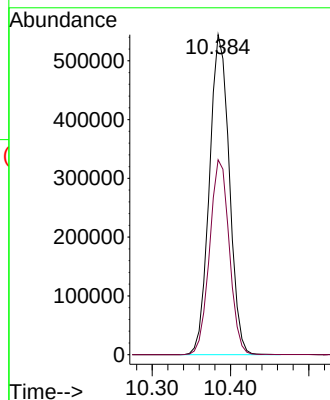
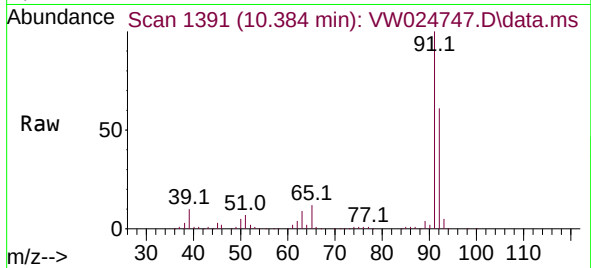




#42
Toluene
Concen: 26.789 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

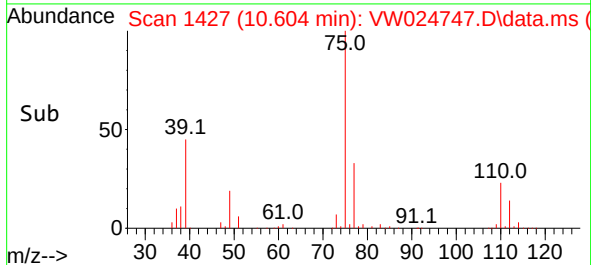
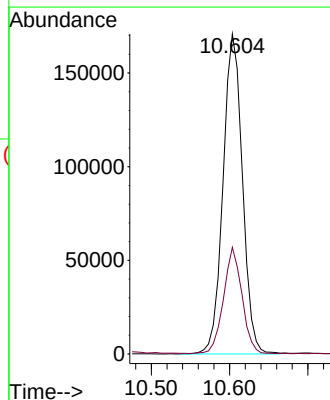
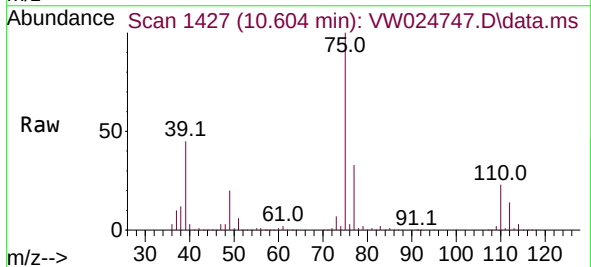
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

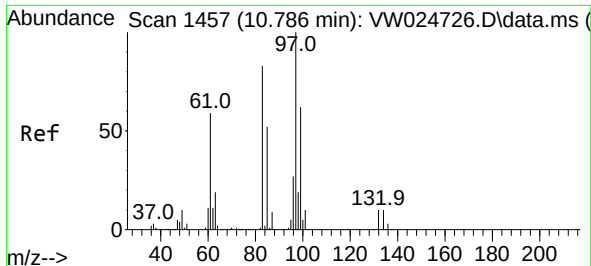
Tgt Ion: 91 Resp: 958961
Ion Ratio Lower Upper
91 100
92 60.9 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 25.381 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

Tgt Ion: 75 Resp: 294477
Ion Ratio Lower Upper
75 100
77 33.3 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 28.184 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW024747.D

Acq: 06 Oct 2022 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025586

Tgt Ion: 97 Resp: 164747

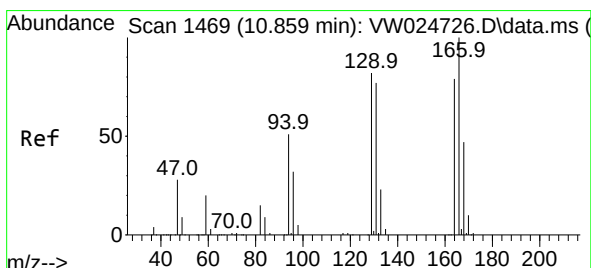
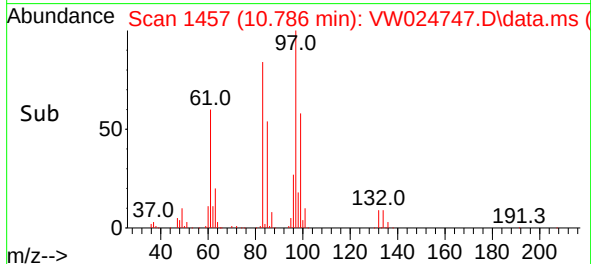
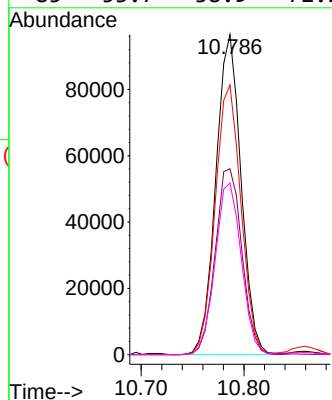
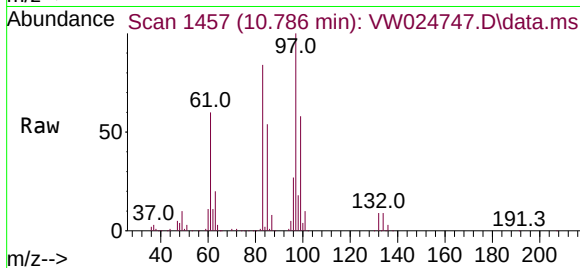
Ion Ratio Lower Upper

97 100

99 58.1 43.8 81.4

83 84.3 60.1 111.5

85 53.7 38.9 72.2



#46

Tetrachloroethene

Concen: 26.006 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW024747.D

Acq: 06 Oct 2022 09:30

Tgt Ion:164 Resp: 155248

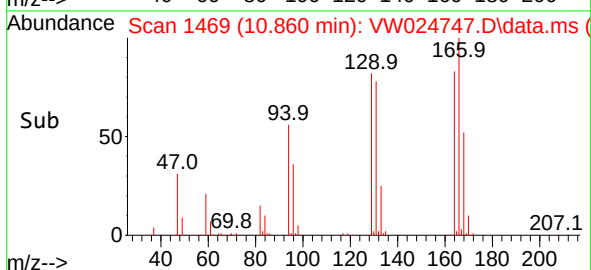
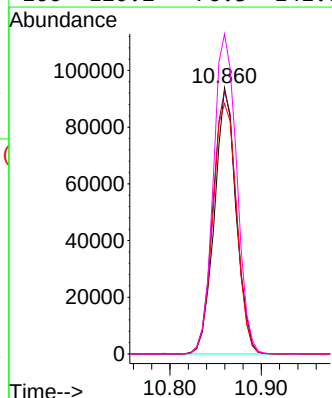
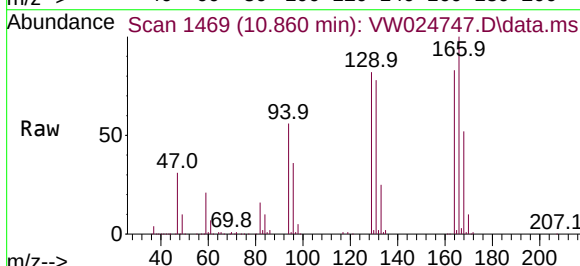
Ion Ratio Lower Upper

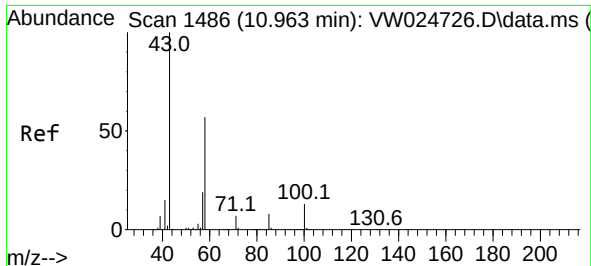
164 100

129 98.9 74.1 137.5

131 94.1 71.5 132.7

166 120.2 76.3 141.7

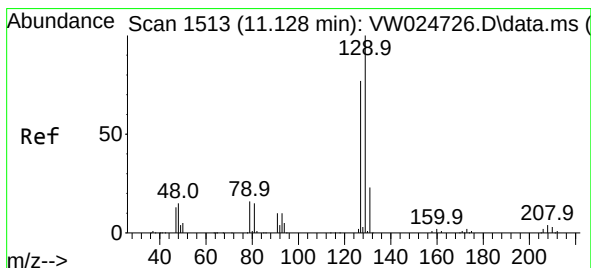
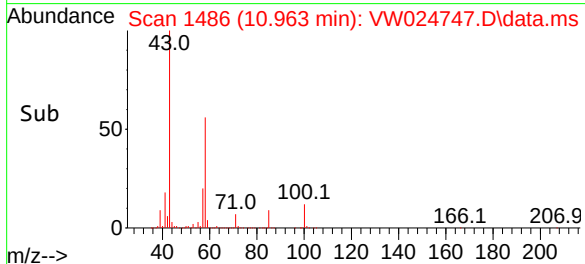
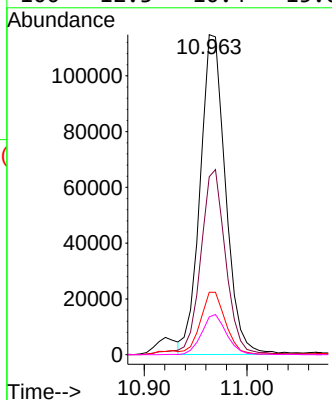
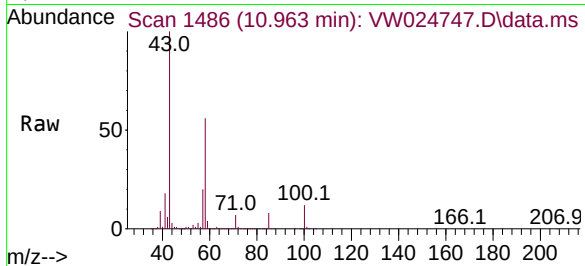




#48
2-Hexanone
Concen: 57.496 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

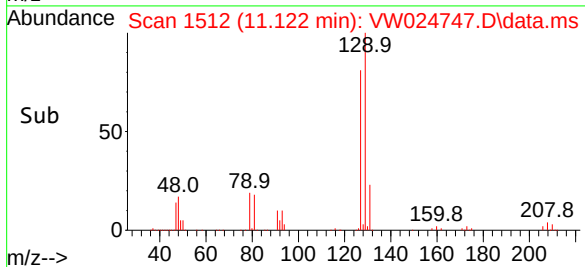
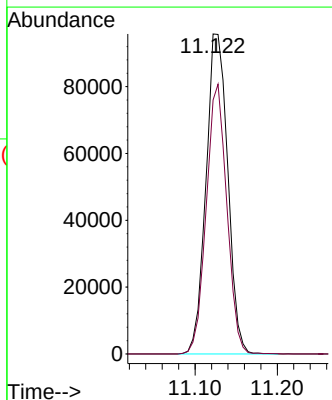
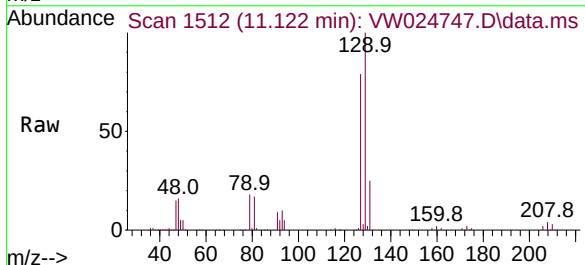
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

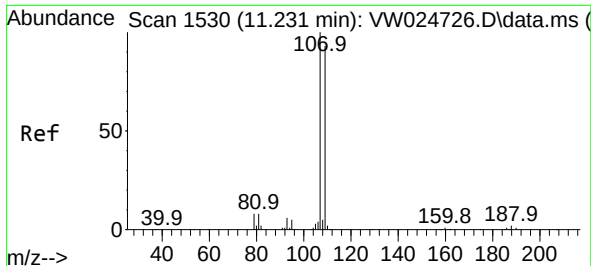
Tgt Ion: 43 Resp: 196937
Ion Ratio Lower Upper
43 100
58 57.6 45.3 67.9
57 19.4 16.3 24.5
100 12.3 10.4 15.6



#49
Dibromochloromethane
Concen: 26.769 ug/L
RT: 11.122 min Scan# 1512
Delta R.T. -0.006 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

Tgt Ion: 129 Resp: 176198
Ion Ratio Lower Upper
129 100
127 79.4 52.4 97.4





#50

1,2-Dibromoethane

Concen: 27.419 ug/L

RT: 11.232 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW024747.D

Acq: 06 Oct 2022 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025586

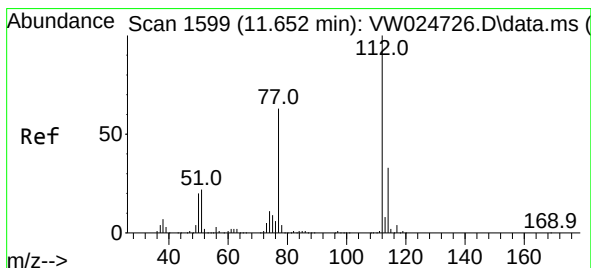
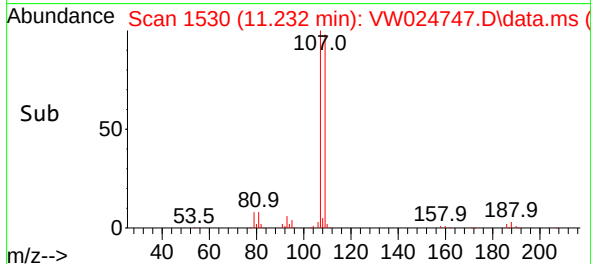
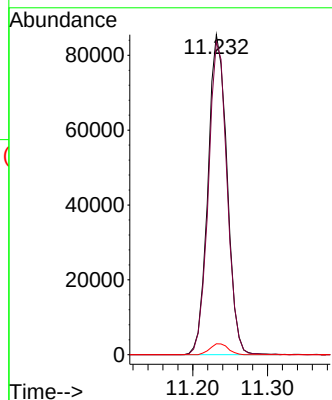
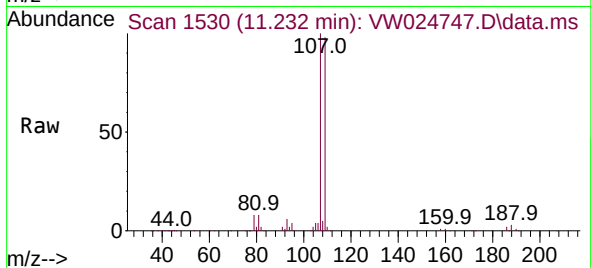
Tgt Ion:107 Resp: 151706

Ion Ratio Lower Upper

107 100

109 97.8 65.5 121.7

188 3.4 2.4 3.6



#51

Chlorobenzene

Concen: 27.086 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VW024747.D

Acq: 06 Oct 2022 09:30

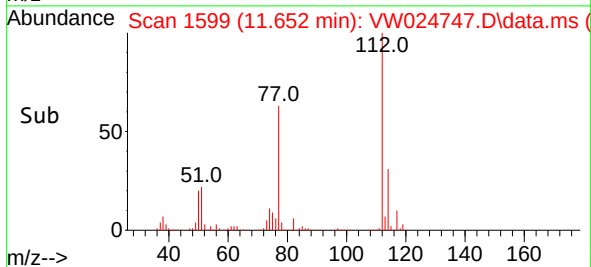
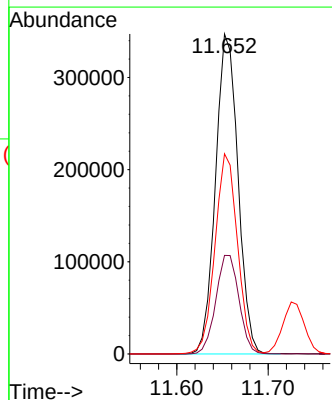
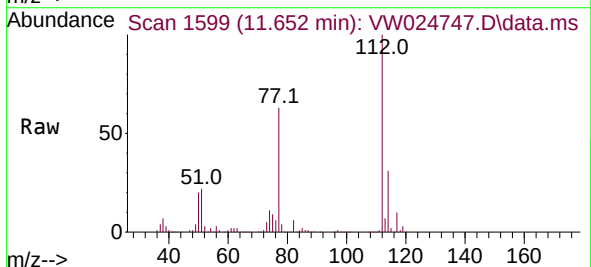
Tgt Ion:112 Resp: 593659

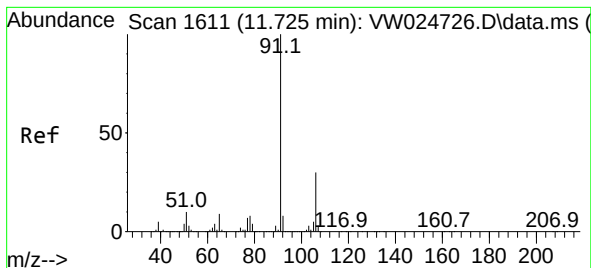
Ion Ratio Lower Upper

112 100

114 30.8 23.3 43.3

77 62.6 49.1 73.7

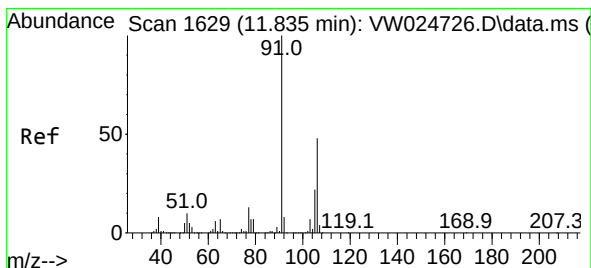
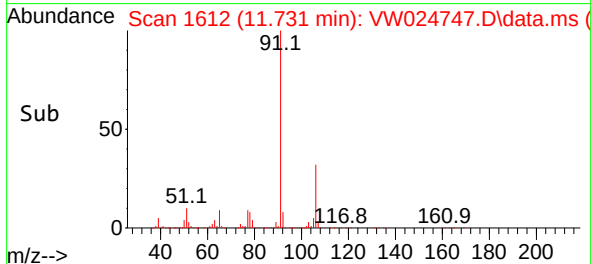
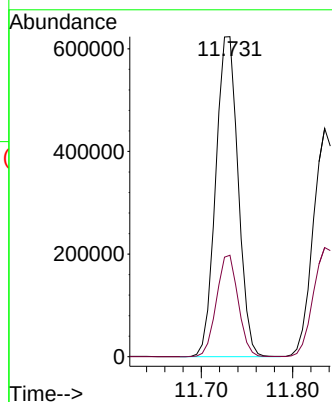
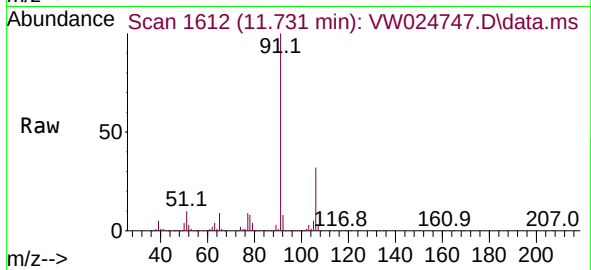




#52
Ethylbenzene
Concen: 26.945 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

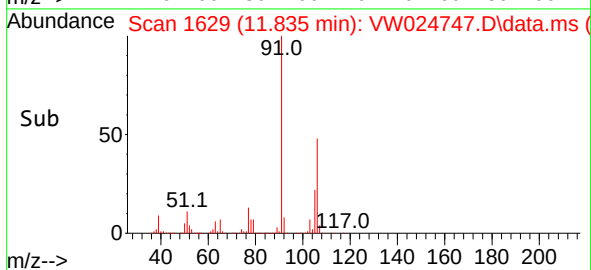
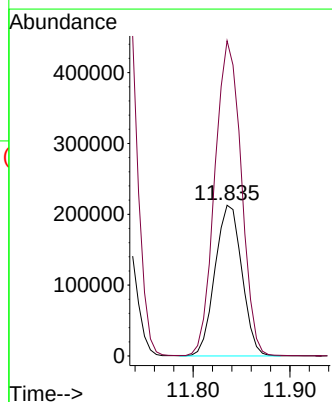
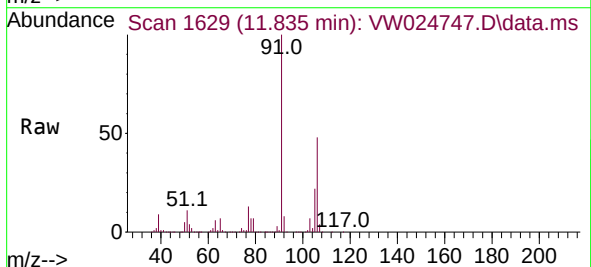
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

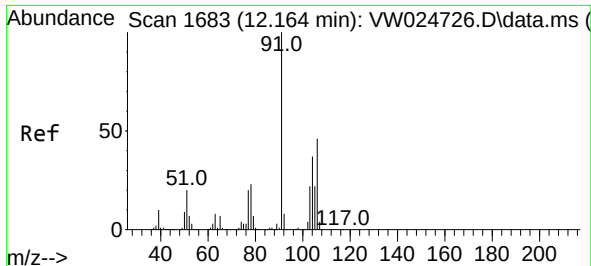
Tgt Ion: 91 Resp: 1062438
Ion Ratio Lower Upper
91 100
106 31.7 21.5 39.9



#53
m,p-Xylene
Concen: 26.653 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

Tgt Ion:106 Resp: 410370
Ion Ratio Lower Upper
106 100
91 209.2 146.8 272.6

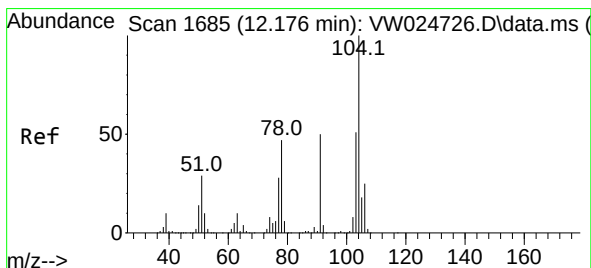
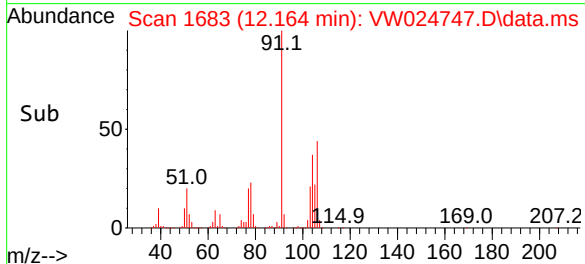
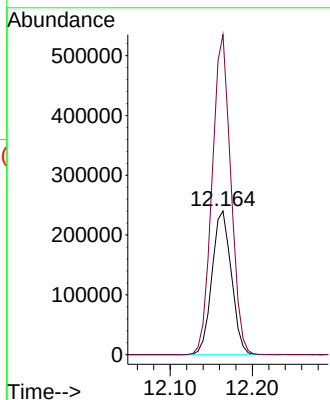
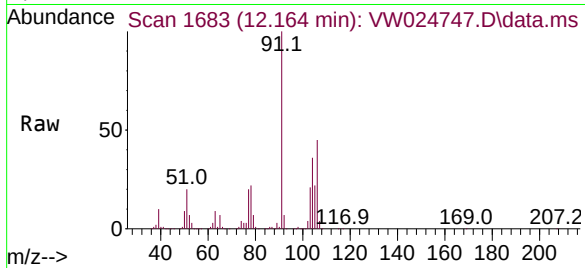




#54
o-Xylene
Concen: 27.041 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

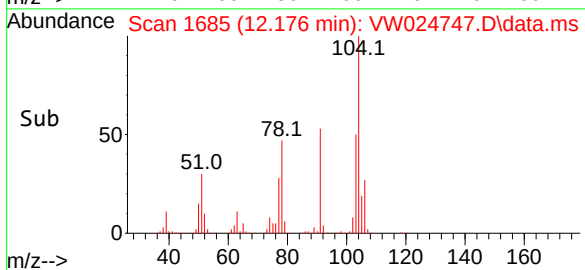
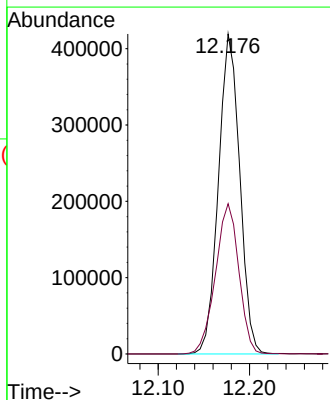
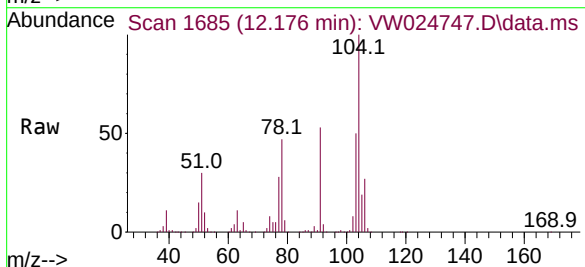
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

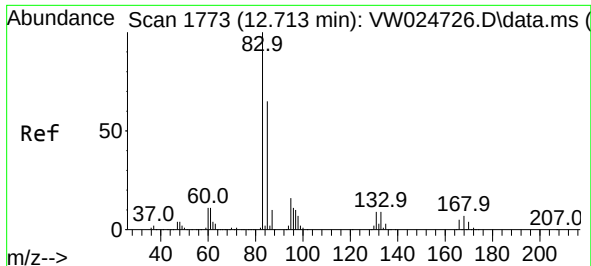
Tgt Ion:106 Resp: 393167
Ion Ratio Lower Upper
106 100
91 222.6 146.3 271.7



#55
Styrene
Concen: 27.734 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

Tgt Ion:104 Resp: 679780
Ion Ratio Lower Upper
104 100
78 46.9 33.5 62.1





#57

1,1,2-Tetrachloroethane

Concen: 29.070 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024747.D

Acq: 06 Oct 2022 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025586

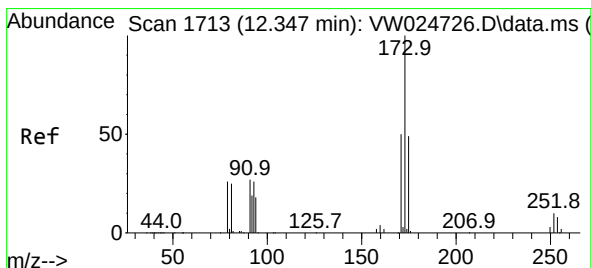
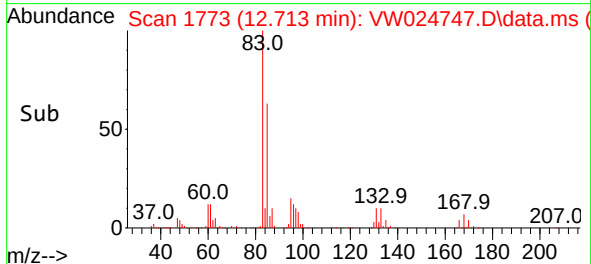
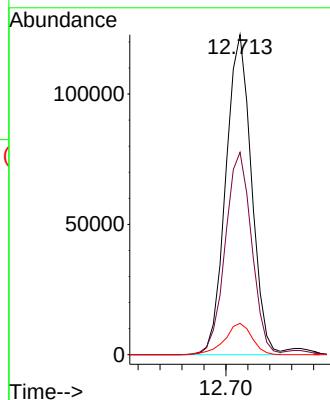
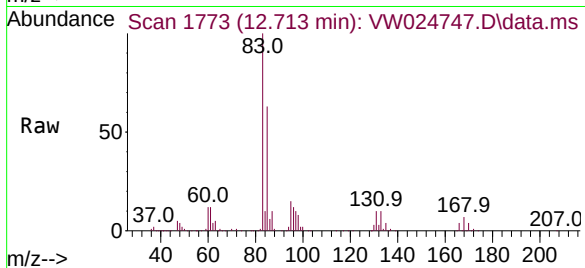
Tgt Ion: 83 Resp: 198963

Ion Ratio Lower Upper

83 100

85 63.2 45.2 84.0

131 9.8 7.3 10.9



#59

Bromoform

Concen: 24.968 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024747.D

Acq: 06 Oct 2022 09:30

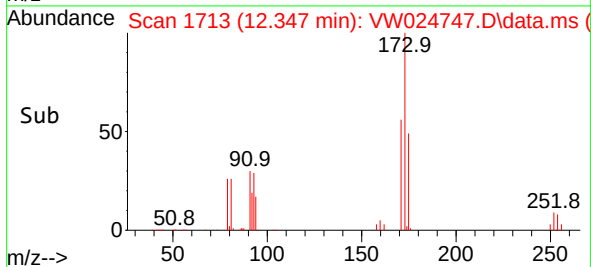
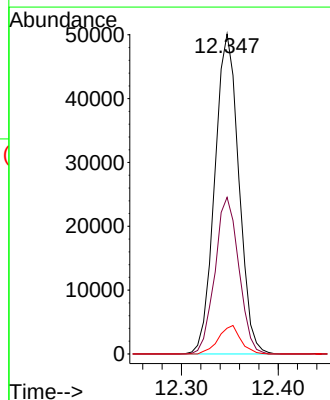
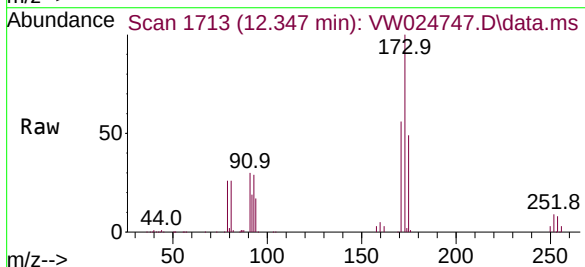
Tgt Ion: 173 Resp: 86648

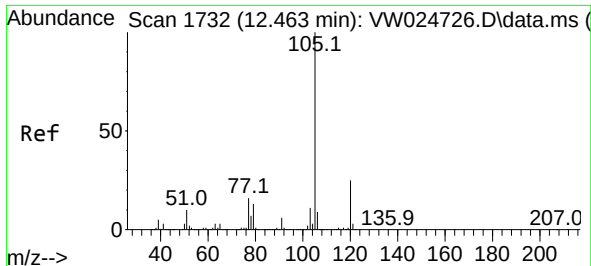
Ion Ratio Lower Upper

173 100

175 48.5 37.7 56.5

254 8.2 6.7 10.1

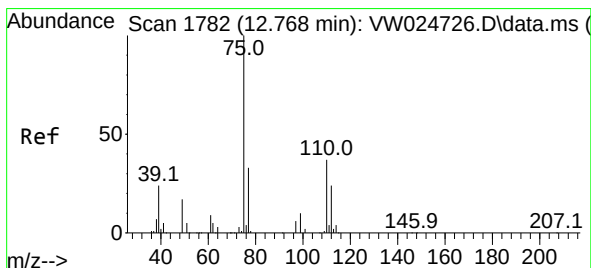
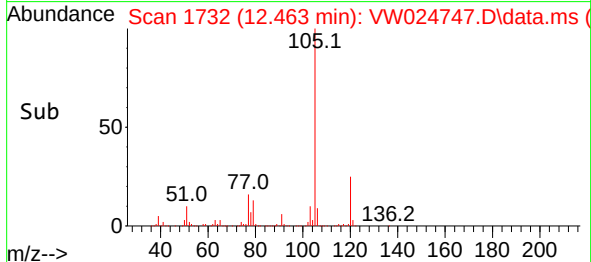
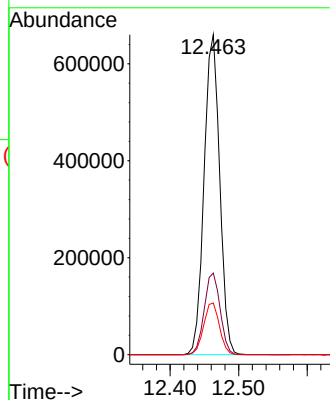
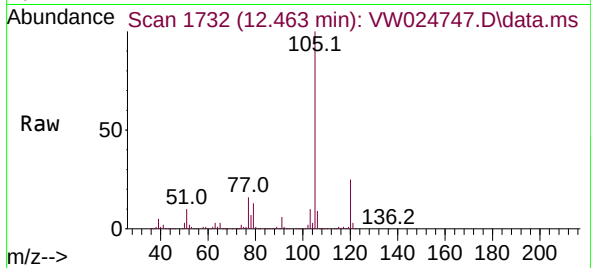




#60
Isopropylbenzene
Concen: 26.159 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

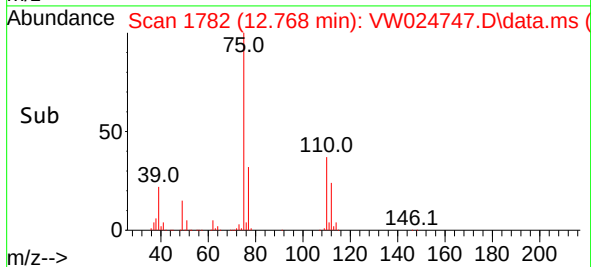
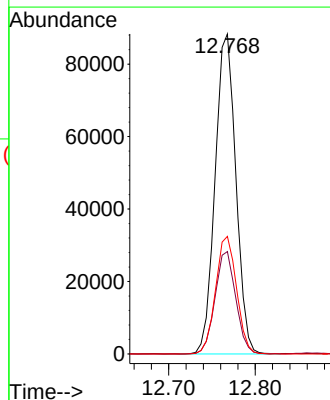
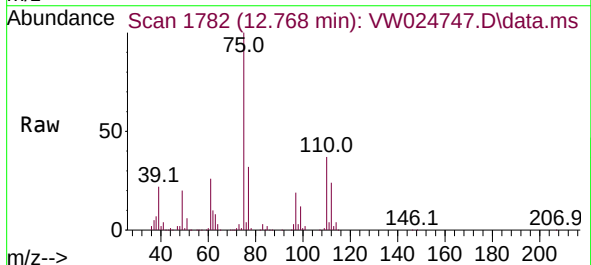
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

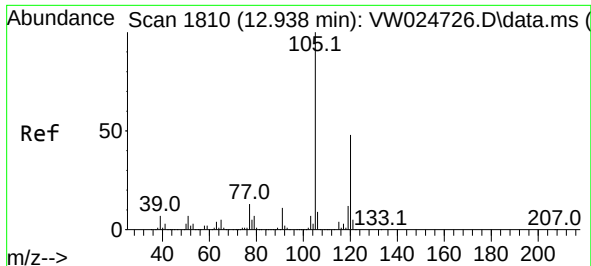
Tgt Ion:105 Resp: 1046754
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3
77 16.5 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 27.794 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

Tgt Ion: 75 Resp: 146990
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.6
110 37.1 29.2 43.8

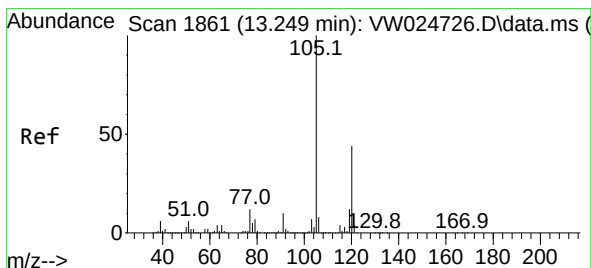
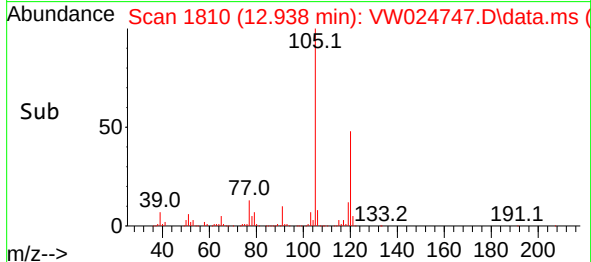
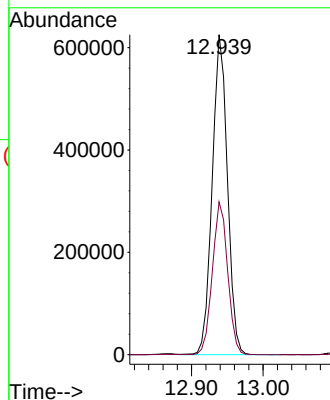
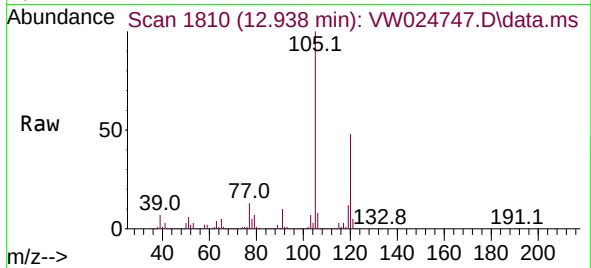




#62
1,3,5-Trimethylbenzene
Concen: 26.532 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

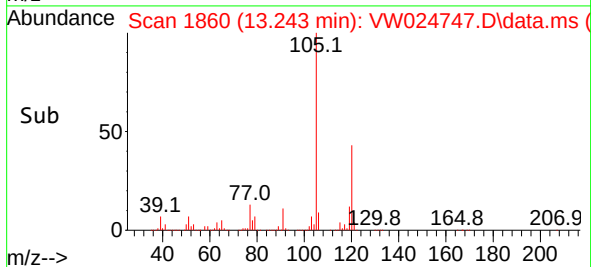
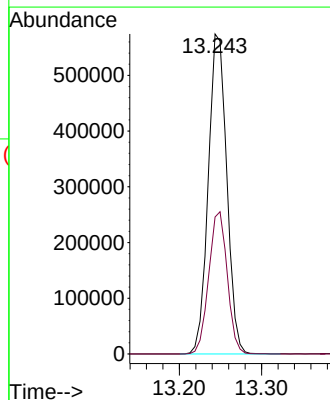
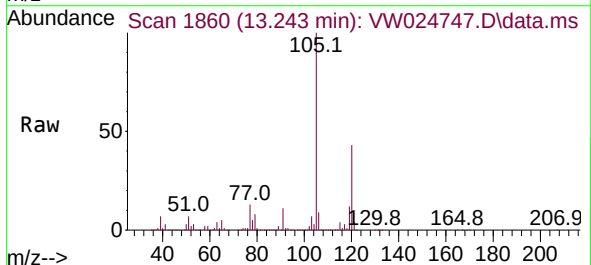
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

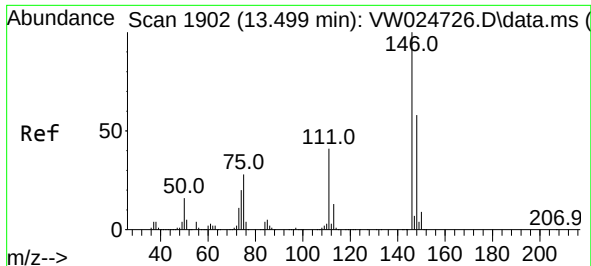
Tgt Ion:105 Resp: 922758
Ion Ratio Lower Upper
105 100
120 48.1 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 26.322 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.006 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

Tgt Ion:105 Resp: 896830
Ion Ratio Lower Upper
105 100
120 44.4 35.2 52.8

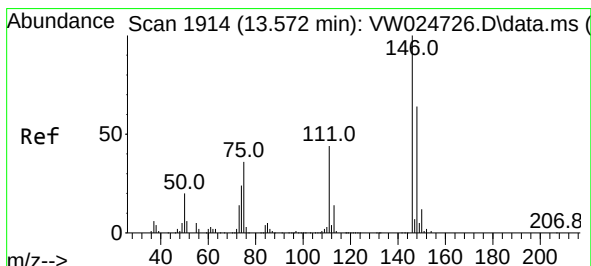
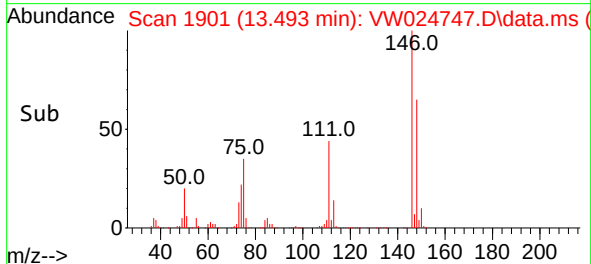
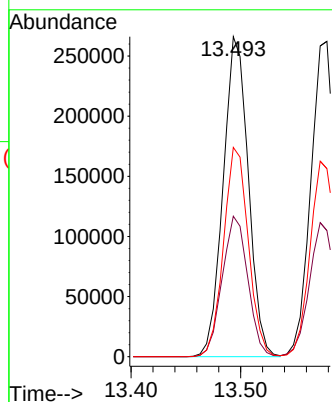
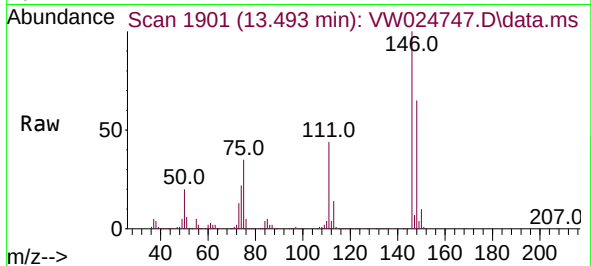




#64
1,3-Dichlorobenzene
Concen: 26.153 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

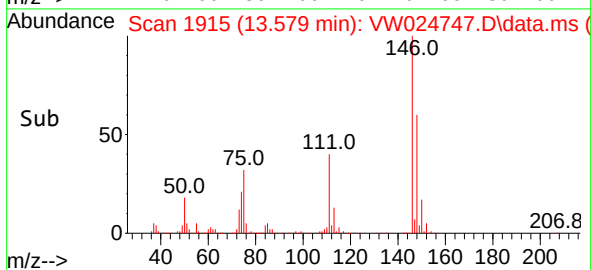
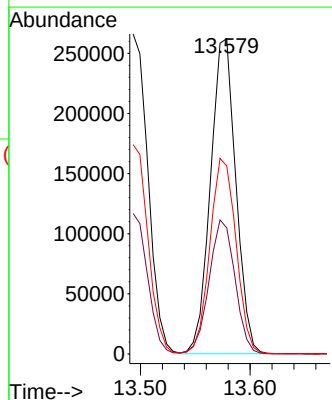
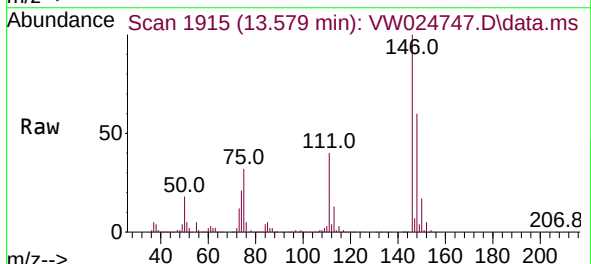
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

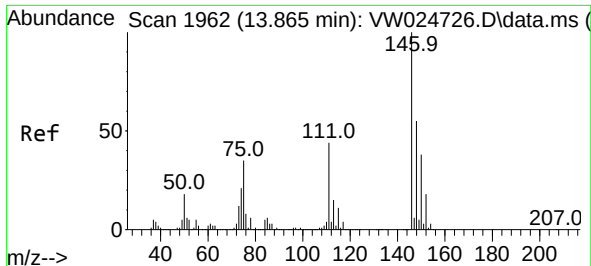
Tgt Ion:146 Resp: 425155
Ion Ratio Lower Upper
146 100
111 43.9 31.6 58.6
148 65.4 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 26.661 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024747.D
Acq: 06 Oct 2022 09:30

Tgt Ion:146 Resp: 421913
Ion Ratio Lower Upper
146 100
111 40.0 29.4 54.6
148 59.6 39.6 73.6





#67

1,2-Dichlorobenzene

Concen: 27.316 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024747.D

Acq: 06 Oct 2022 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025586

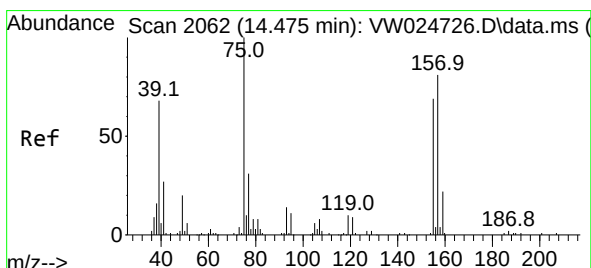
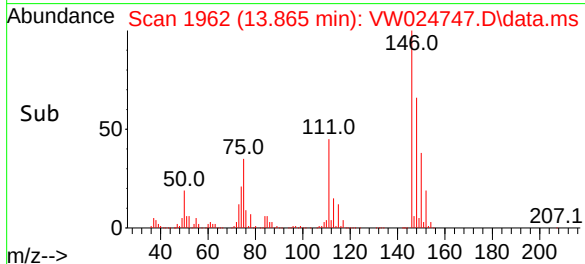
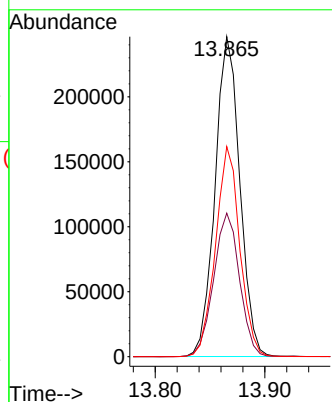
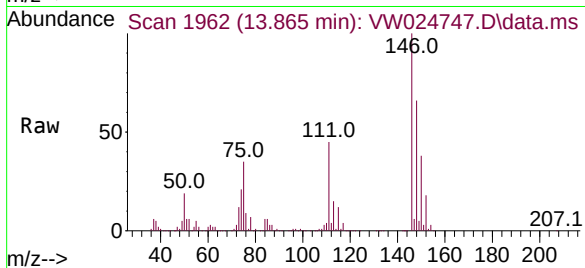
Tgt Ion:146 Resp: 386778

Ion Ratio Lower Upper

146 100

111 44.9 37.2 55.8

148 65.6 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 24.989 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.006 min

Lab File: VW024747.D

Acq: 06 Oct 2022 09:30

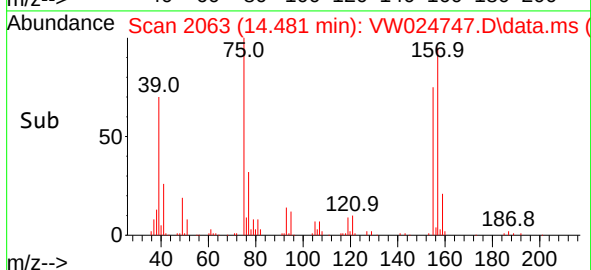
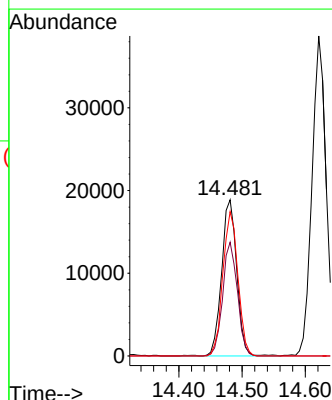
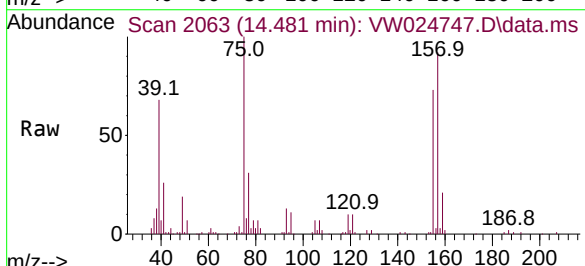
Tgt Ion: 75 Resp: 31252

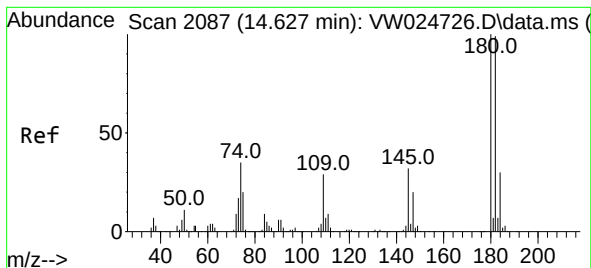
Ion Ratio Lower Upper

75 100

155 72.8 57.6 86.4

157 92.4 73.0 109.6





#69

1,3,5-Trichlorobenzene

Concen: 25.001 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.006 min

Lab File: VW024747.D

Acq: 06 Oct 2022 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025586

Tgt Ion:180 Resp: 269855

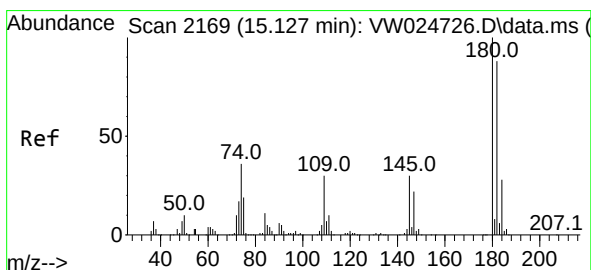
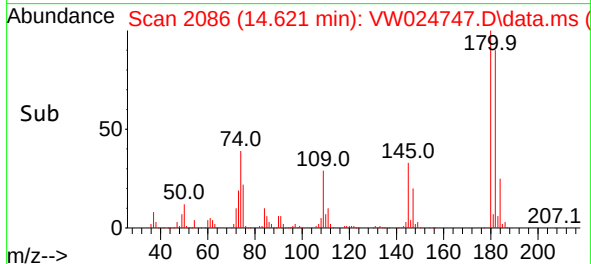
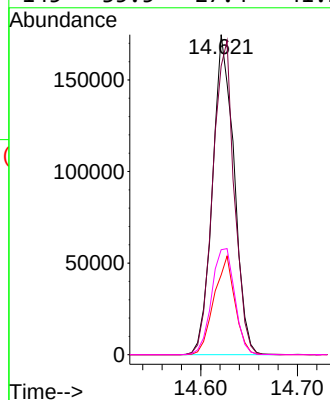
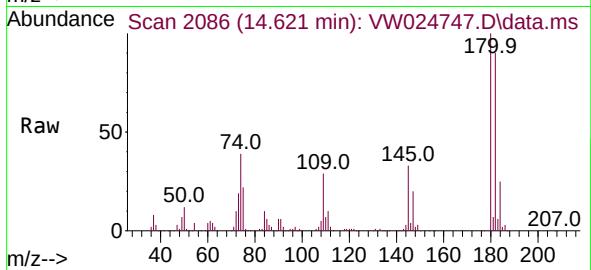
Ion Ratio Lower Upper

180 100

182 97.3 77.1 115.7

184 30.0 23.3 34.9

145 35.5 27.4 41.2



#70

1,2,4-trichlorobenzene

Concen: 25.217 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024747.D

Acq: 06 Oct 2022 09:30

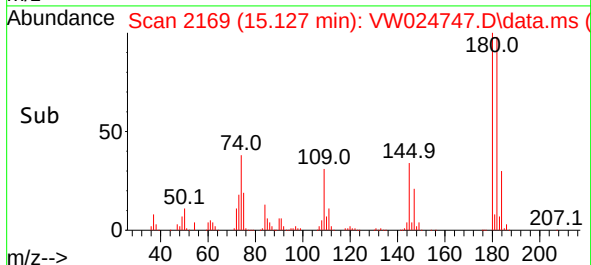
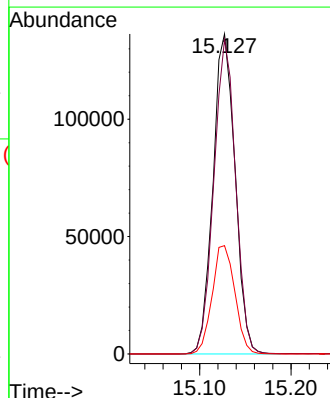
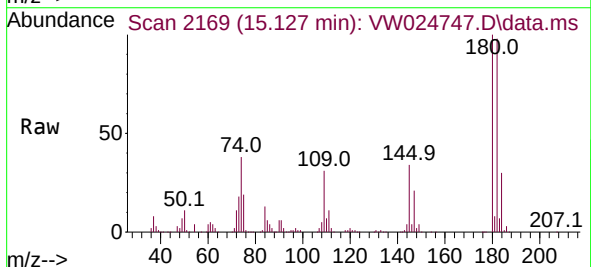
Tgt Ion:180 Resp: 228669

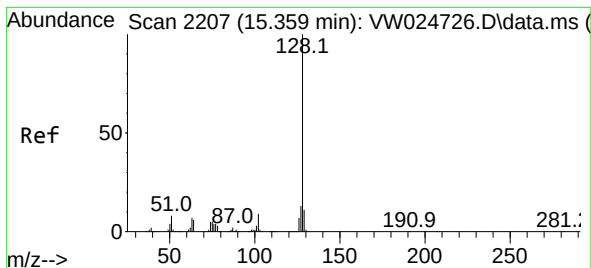
Ion Ratio Lower Upper

180 100

182 97.0 76.8 115.2

145 34.9 29.0 43.4





#71

Naphthalene

Concen: 26.326 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW024747.D

Acq: 06 Oct 2022 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025586

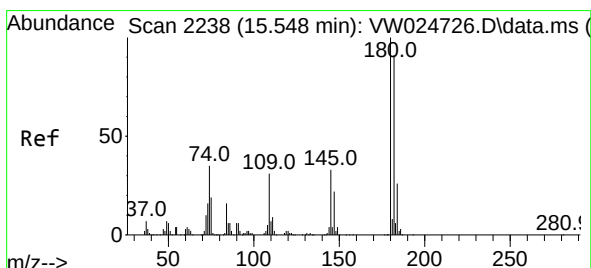
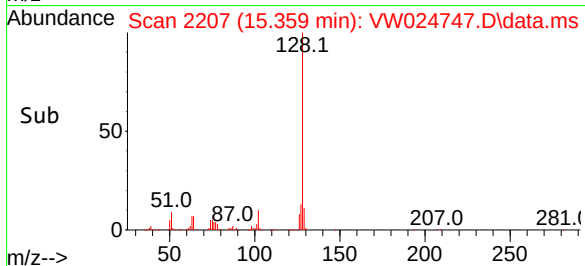
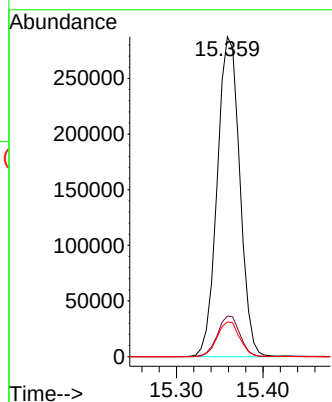
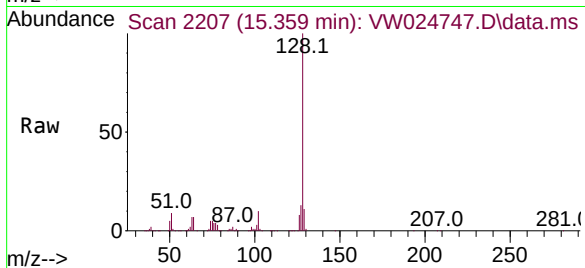
Tgt Ion:128 Resp: 519788

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.9 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 25.438 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW024747.D

Acq: 06 Oct 2022 09:30

Tgt Ion:180 Resp: 196316

Ion Ratio Lower Upper

180 100

182 92.7 77.4 116.2

145 35.8 30.6 45.8

