

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
 Data File : VW024687.D
 Acq On : 30 Sep 2022 08:39
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025580

Quant Time: Sep 30 22:06:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 30 02:36:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	534658	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	485817	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	220725	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	138296	24.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.880%
7) Chloroethane-d5	2.885	69	79400	24.426	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.720%
11) 1,1-Dichloroethene-d2	4.025	63	296532	22.903	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.600%
21) 2-Butanone-d5	7.074	46	119133	59.236	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.480%
24) Chloroform-d	7.647	84	376584	26.347	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	8.305	65	197190	26.594	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.360%
32) Benzene-d6	8.269	84	756245	24.354	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	9.268	67	239515	25.245	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.000%
41) Toluene-d8	10.323	98	661790	23.846	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	10.573	79	99274	23.497	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.000%
47) 2-Hexanone-d5	10.921	63	96549	59.478	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.960%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	191636	28.348	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.400%
66) 1,2-Dichlorobenzene-d4	13.847	152	206284	26.559	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	68567	20.888	ug/L	88
3) Chloromethane	2.215	50	142177	22.242	ug/L	98
5) Vinyl chloride	2.361	62	190687	29.013	ug/L	98
6) Bromomethane	2.776	94	94141	31.036	ug/L	95
8) Chloroethane	2.916	64	75526	27.257	ug/L	95
9) Trichlorofluoromethane	3.251	101	67586	18.381	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	186128	26.541	ug/L #	77
12) 1,1-Dichloroethene	4.044	96	186043	26.599	ug/L	88
13) Acetone	4.123	43	69652	47.468	ug/L	96
14) Carbon disulfide	4.385	76	604959	27.398	ug/L	99
15) Methyl Acetate	4.666	43	104513	32.166	ug/L	97
16) Methylene chloride	4.922	84	258708	24.638	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	216691	27.573	ug/L	96
18) Methyl tert-butyl Ether	5.422	73	357627	28.701	ug/L	100
19) 1,1-Dichloroethane	6.214	63	409197	27.831	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	239777	28.436	ug/L	99
22) 2-Butanone	7.171	43	138837	59.155	ug/L	99
23) Bromochloromethane	7.507	128	99717	29.097	ug/L	97
25) Chloroform	7.671	83	401909	28.827	ug/L	97

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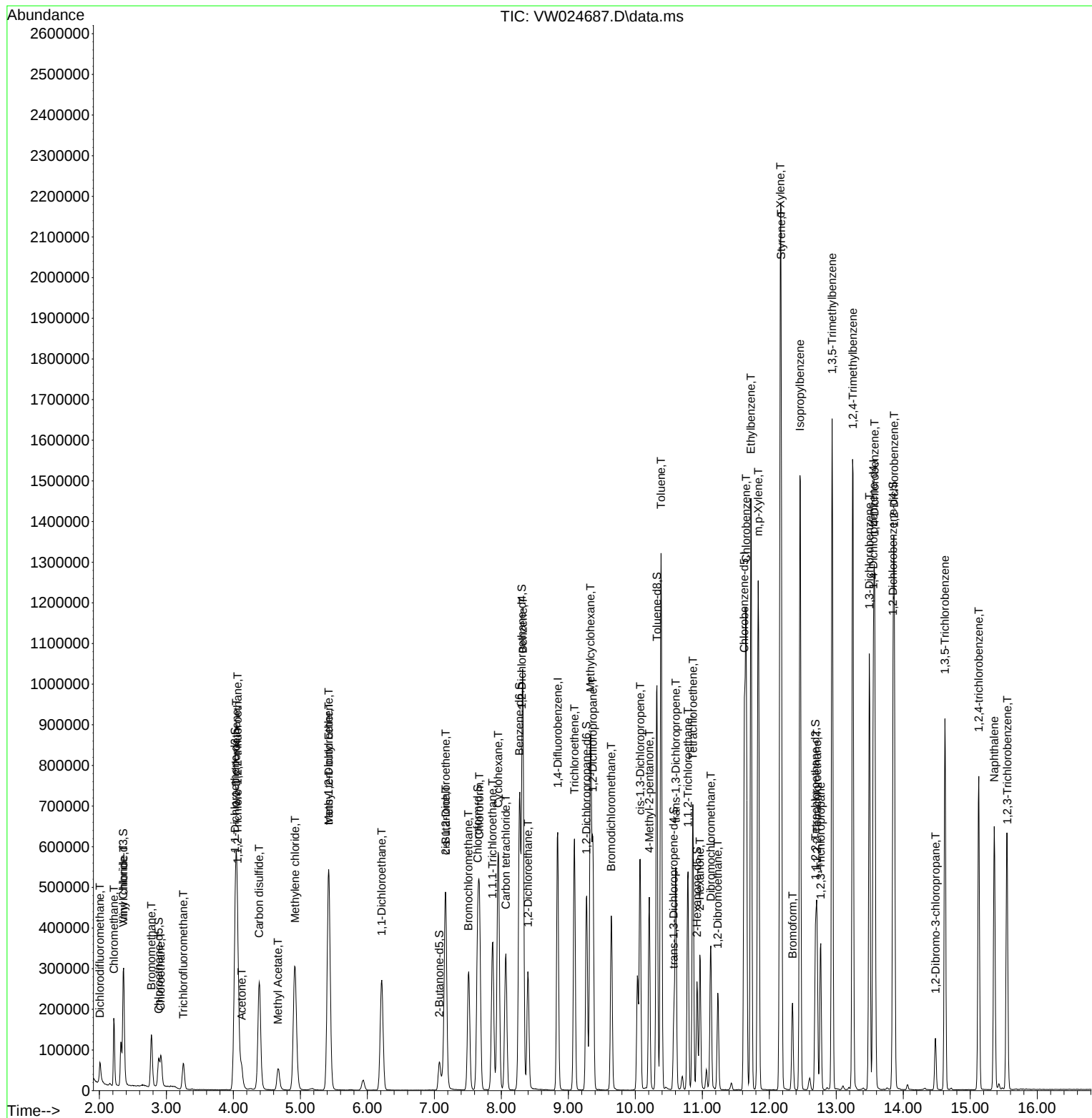
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	263562	30.042	ug/L	99
29) Cyclohexane	7.952	56	359995	23.791	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	302944	25.770	ug/L	99
31) Carbon tetrachloride	8.067	117	252618	25.376	ug/L	99
33) Benzene	8.323	78	924320	27.184	ug/L	100
34) Trichloroethene	9.092	95	227186	26.361	ug/L	97
35) Methylcyclohexane	9.329	83	377093	23.869	ug/L	98
37) 1,2-Dichloropropane	9.366	63	236583	28.183	ug/L	99
38) Bromodichloromethane	9.640	83	292622	28.339	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	354240	26.686	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	308254	62.039	ug/L	99
42) Toluene	10.384	91	944601	26.901	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	305518	26.845	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	168597	29.404	ug/L	99
46) Tetrachloroethene	10.860	164	145150	24.788	ug/L	92
48) 2-Hexanone	10.963	43	208710	62.118	ug/L	99
49) Dibromochloromethane	11.128	129	187280	29.006	ug/L	95
50) 1,2-Dibromoethane	11.232	107	161691	29.793	ug/L	99
51) Chlorobenzene	11.652	112	592234	27.546	ug/L	98
52) Ethylbenzene	11.725	91	1041704	26.933	ug/L	99
53) m,p-Xylene	11.835	106	400619	26.526	ug/L	100
54) o-Xylene	12.164	106	393858	27.615	ug/L	98
55) Styrene	12.176	104	681771	28.356	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	203878	30.368	ug/L	99
59) Bromoform	12.347	173	96684	30.988	ug/L	99
60) Isopropylbenzene	12.457	105	1014806	28.209	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	153672	32.321	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	887392	28.381	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	873965	28.532	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	407159	27.859	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	414068	29.103	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	384214	30.182	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	35854	31.888	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	260845	26.880	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	226792	27.819	ug/L	99
71) Naphthalene	15.359	128	542025	30.536	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	194757	28.070	ug/L	99

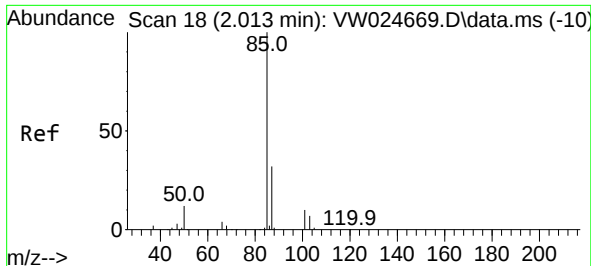
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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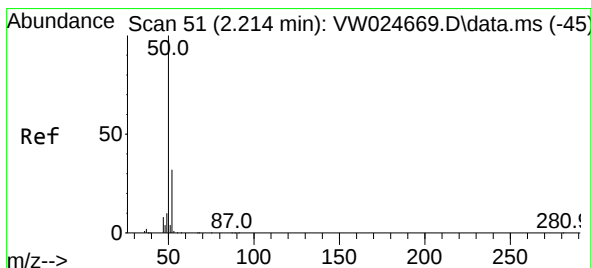
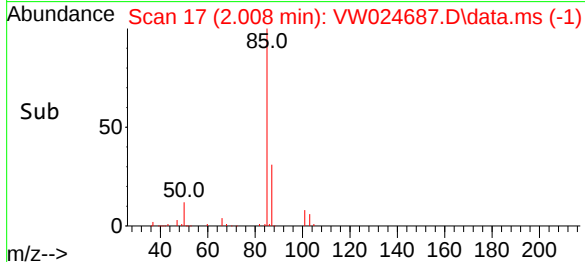
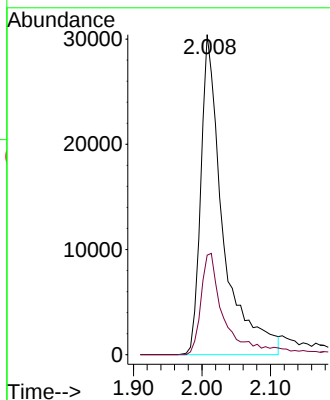
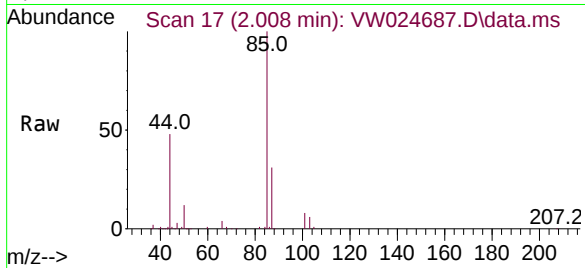




#2
 Dichlorodifluoromethane
 Concen: 20.888 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW024687.D
 Acq: 30 Sep 2022 08:39

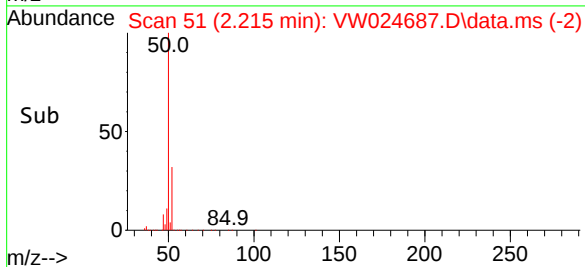
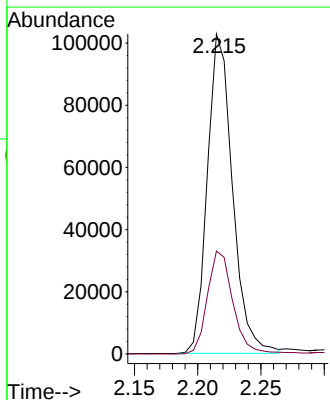
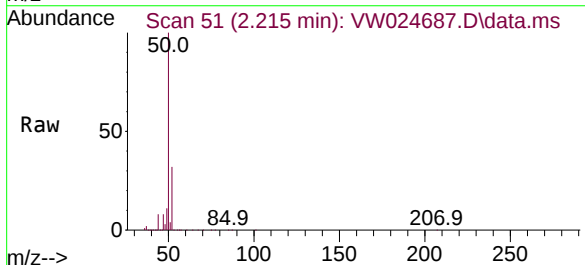
Instrument :
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 ClientSampleId :
 VSTD025580

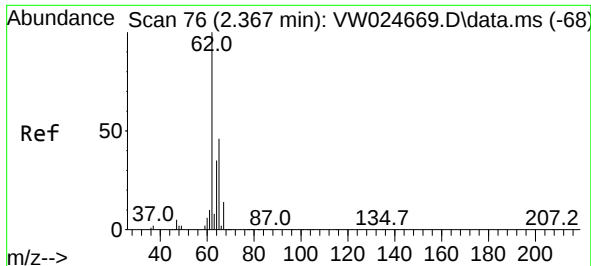
Tgt Ion: 85 Resp: 68567
 Ion Ratio Lower Upper
 85 100
 87 29.1 28.8 43.2



#3
 Chloromethane
 Concen: 22.242 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW024687.D
 Acq: 30 Sep 2022 08:39

Tgt Ion: 50 Resp: 142177
 Ion Ratio Lower Upper
 50 100
 52 32.2 21.7 40.3

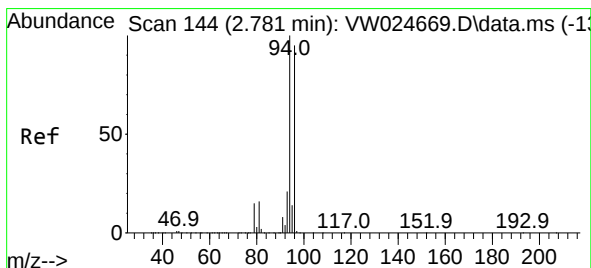
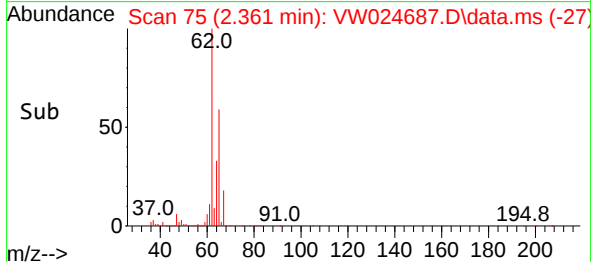
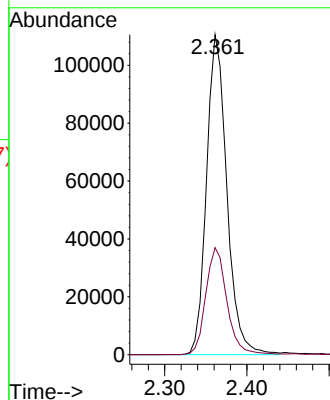
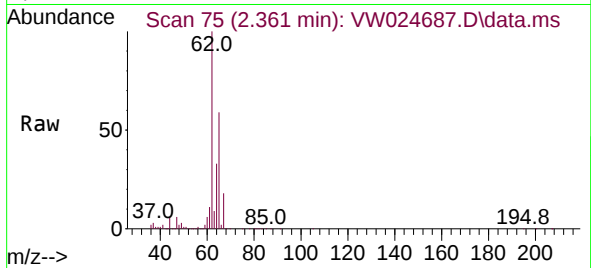




#5
 Vinyl chloride
 Concen: 29.013 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW024687.D
 Acq: 30 Sep 2022 08:39

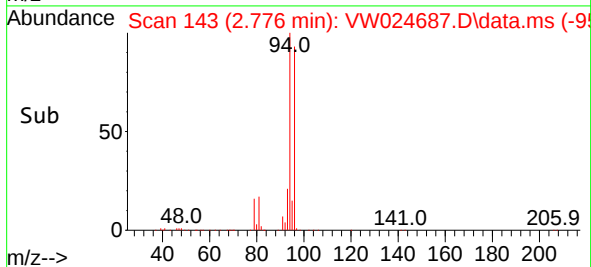
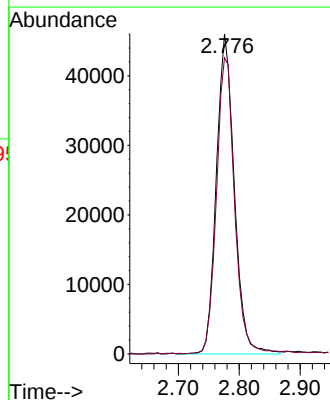
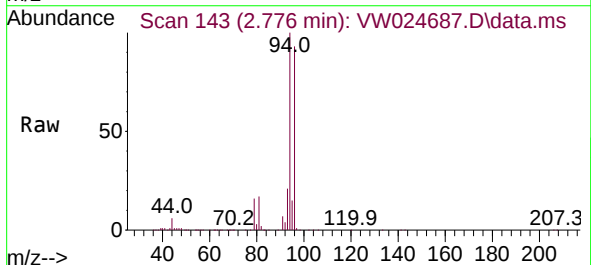
Instrument :
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 ClientSampleId :
 VSTD025580

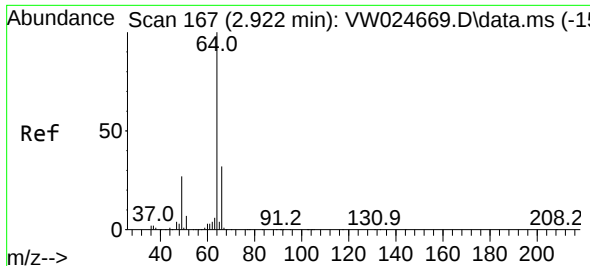
Tgt Ion: 62 Resp: 190687
 Ion Ratio Lower Upper
 62 100
 64 33.5 24.4 45.2



#6
 Bromomethane
 Concen: 31.036 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW024687.D
 Acq: 30 Sep 2022 08:39

Tgt Ion: 94 Resp: 94141
 Ion Ratio Lower Upper
 94 100
 96 92.5 68.0 126.2

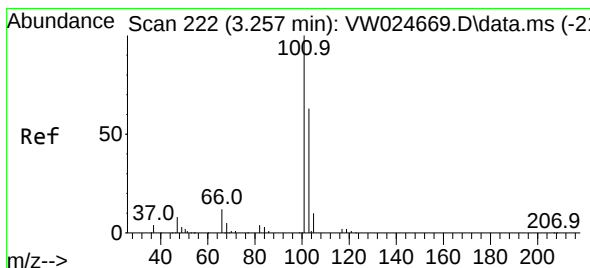
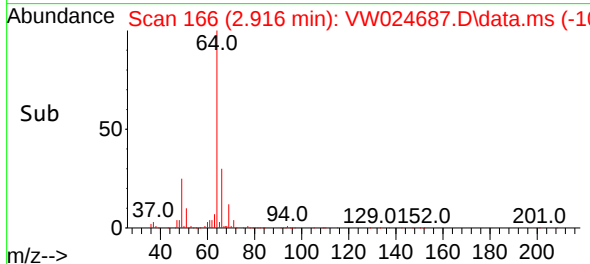
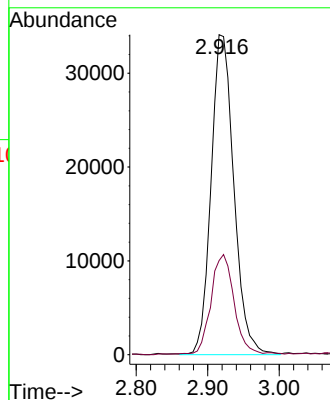
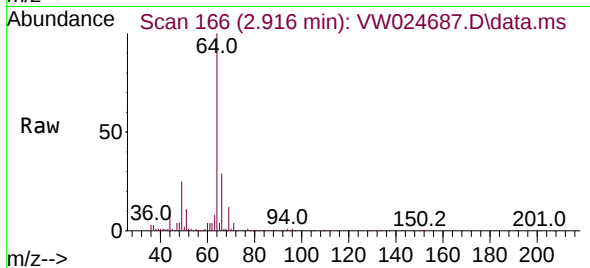




#8
Chloroethane
Concen: 27.257 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW024687.D
Acq: 30 Sep 2022 08:39

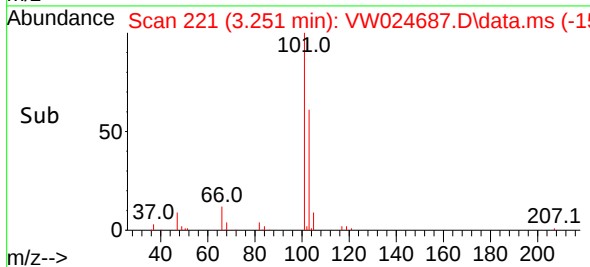
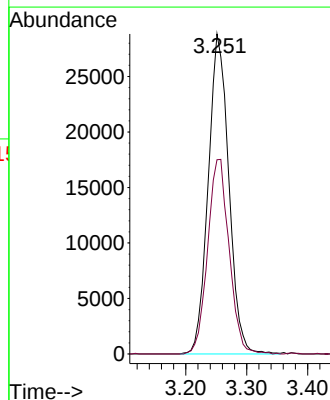
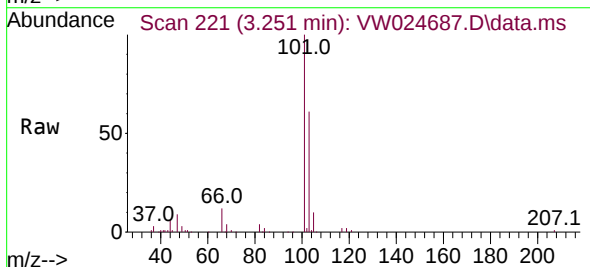
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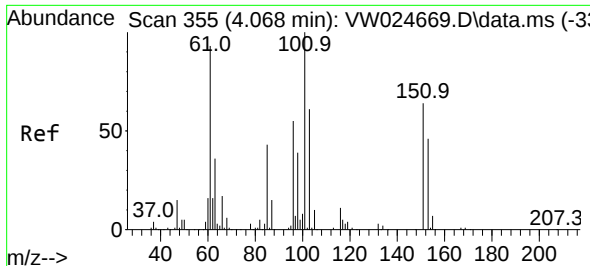
Tgt Ion: 64 Resp: 75526
Ion Ratio Lower Upper
64 100
66 29.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 18.381 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW024687.D
Acq: 30 Sep 2022 08:39

Tgt Ion: 101 Resp: 67586
Ion Ratio Lower Upper
101 100
103 63.5 53.4 80.2

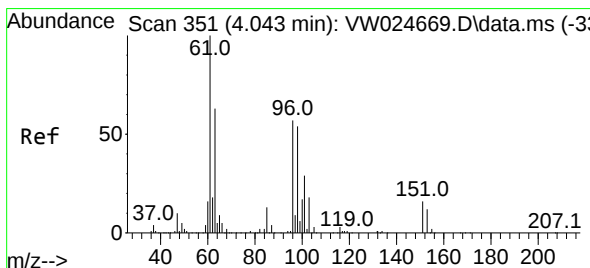
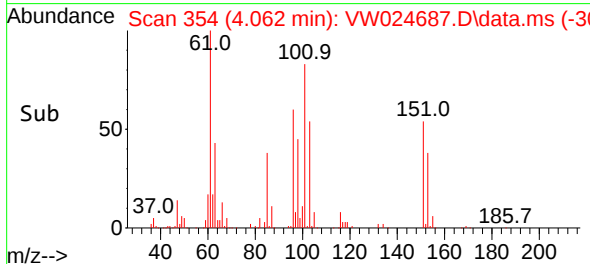
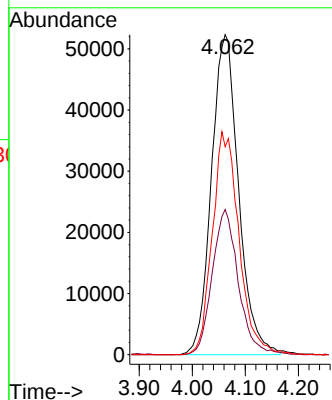
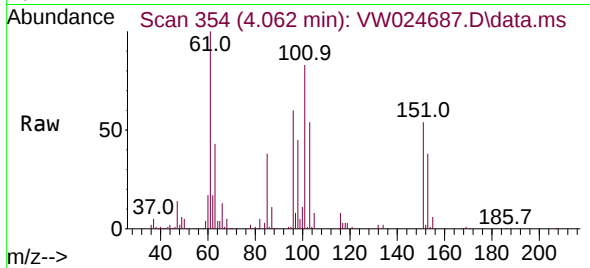




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.541 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW024687.D
 Acq: 30 Sep 2022 08:39

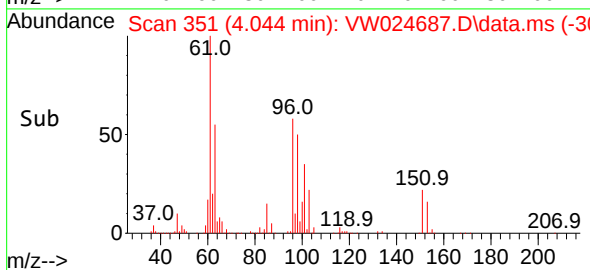
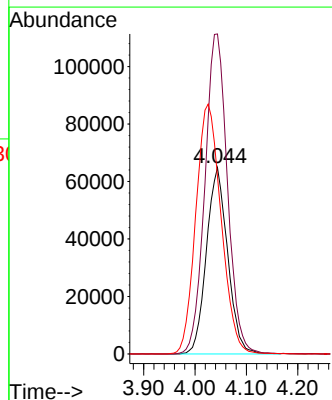
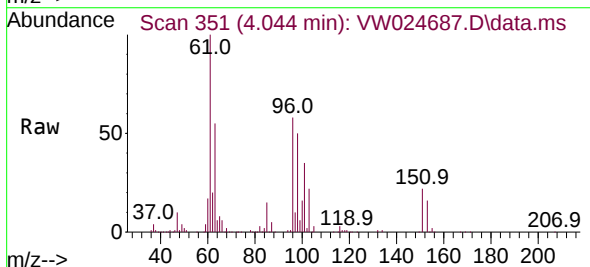
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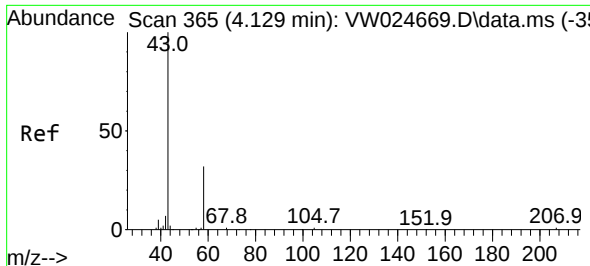
Tgt Ion:101 Resp: 186128
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.9 52.3
 151 68.1 30.9 46.3#



#12
 1,1-Dichloroethene
 Concen: 26.599 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024687.D
 Acq: 30 Sep 2022 08:39

Tgt Ion: 96 Resp: 186043
 Ion Ratio Lower Upper
 96 100
 61 171.7 124.5 231.1
 63 95.2 84.1 156.1

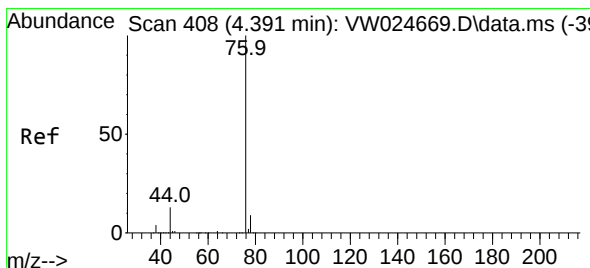
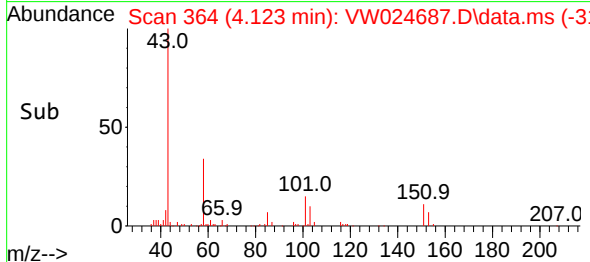
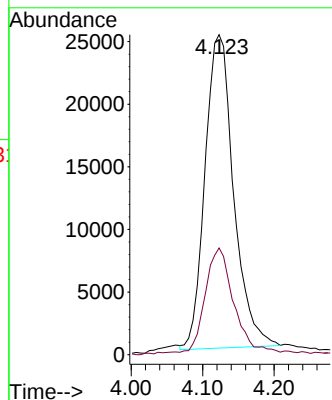
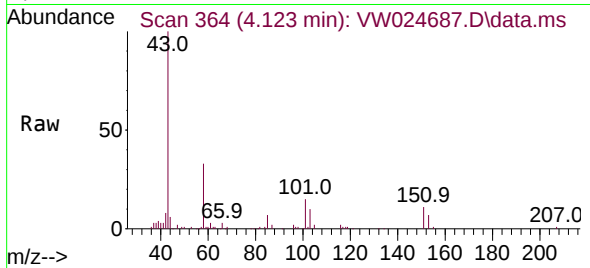




#13
Acetone
Concen: 47.468 ug/L
RT: 4.123 min Scan# 307
Delta R.T. -0.006 min
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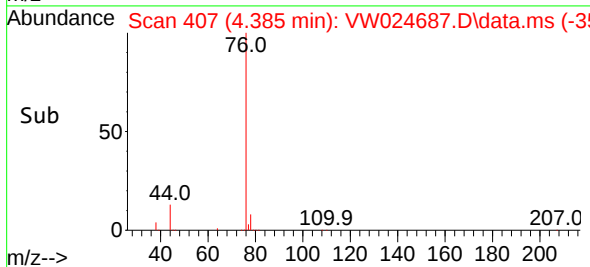
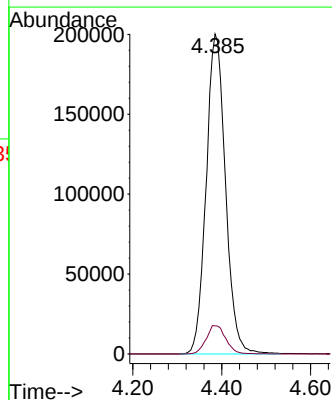
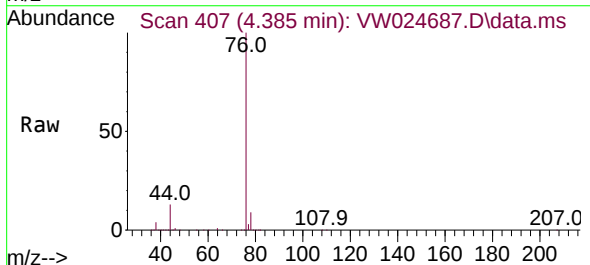
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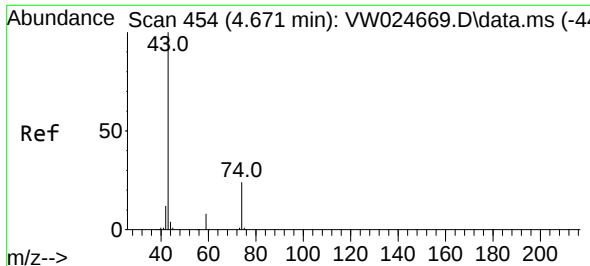
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Ion Ratio Lower Upper
43 100
58 31.6 0.0 67.6



#14
Carbon disulfide
Concen: 27.398 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW024687.D
Acq: 30 Sep 2022 08:39

Tgt Ion: 76 Resp: 604959
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

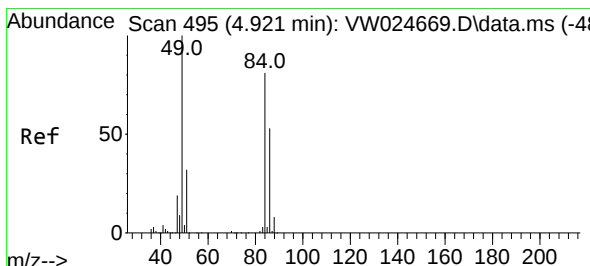
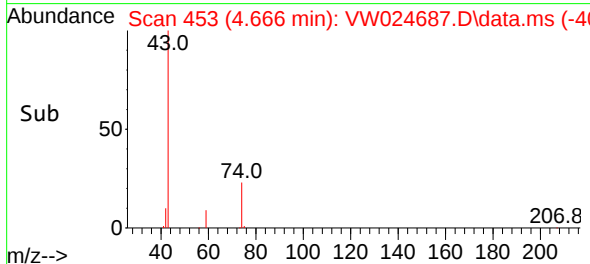
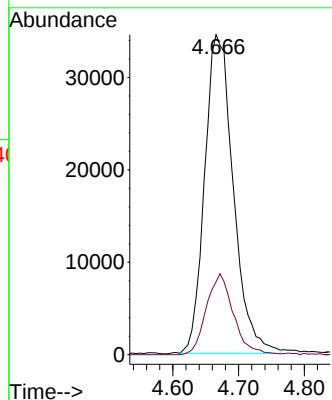
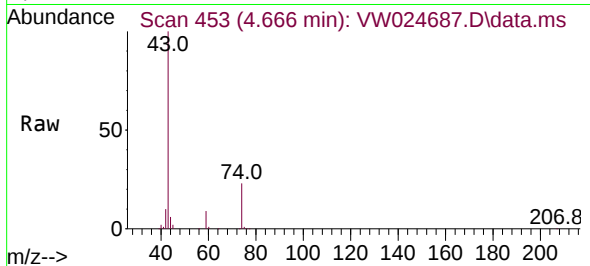




#15
Methyl Acetate
Concen: 32.166 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW024687.D
Acq: 30 Sep 2022 08:39

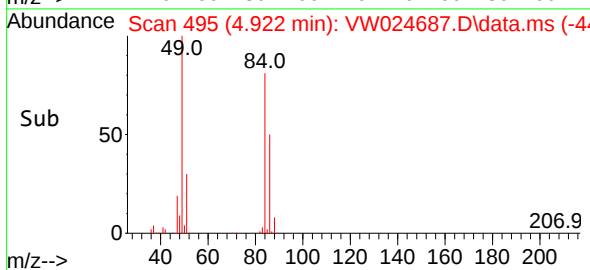
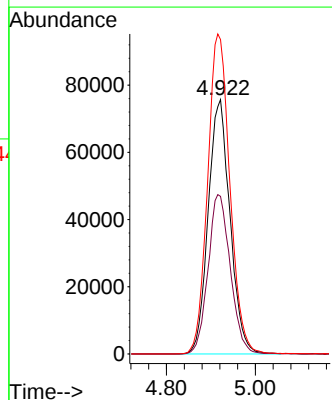
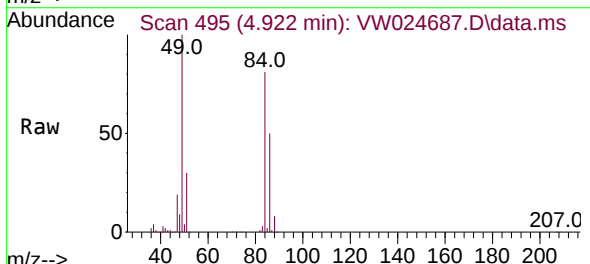
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

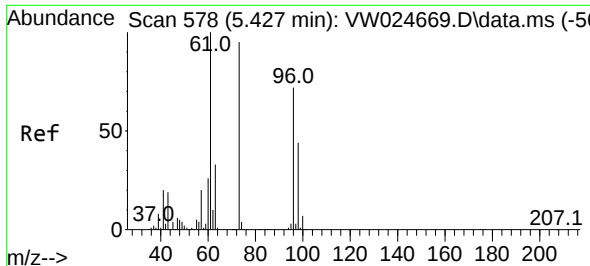
Tgt Ion: 43 Resp: 104513
Ion Ratio Lower Upper
43 100
74 23.9 18.1 27.1



#16
Methylene chloride
Concen: 24.638 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW024687.D
Acq: 30 Sep 2022 08:39

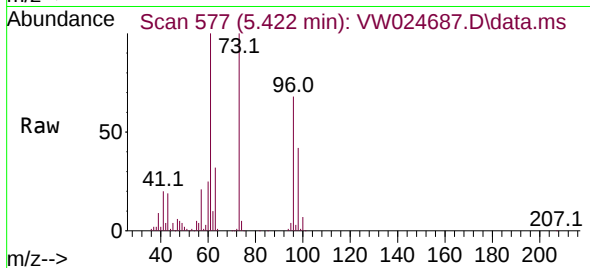
Tgt Ion: 84 Resp: 258708
Ion Ratio Lower Upper
84 100
86 62.0 44.0 81.8
49 123.6 87.4 162.2



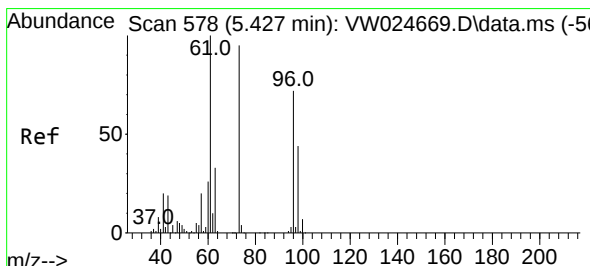
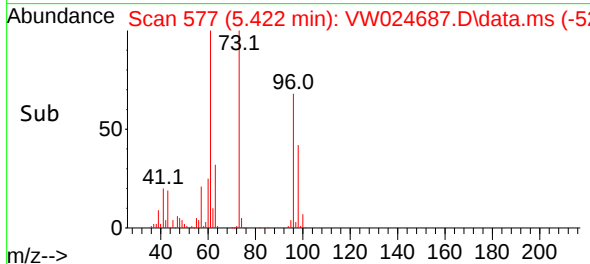
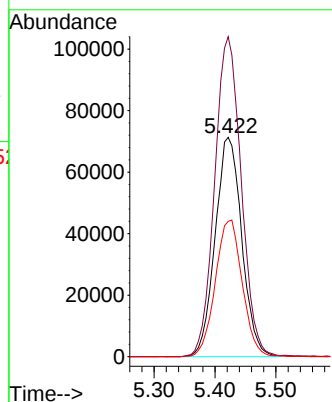


#17
trans-1,2-Dichloroethene
Concen: 27.573 ug/L
RT: 5.422 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW024687.D
Acq: 30 Sep 2022 08:39

Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

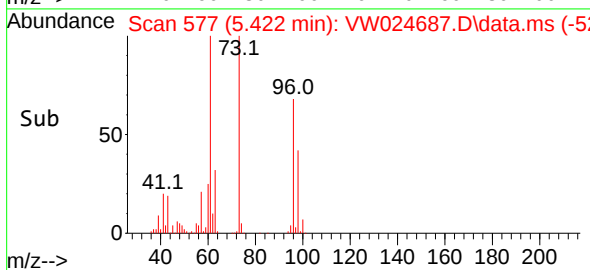
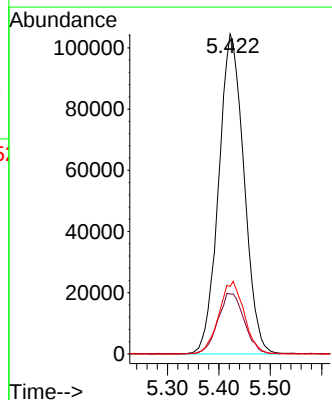
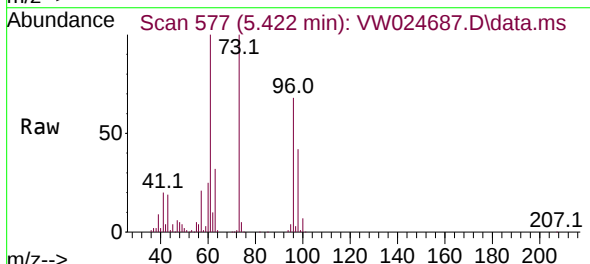


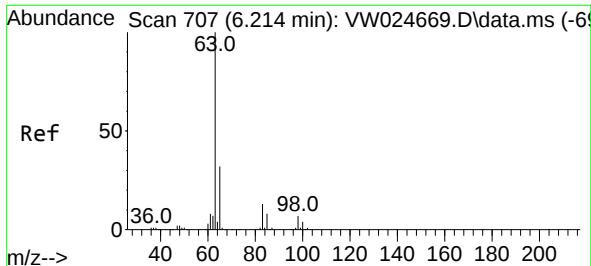
Tgt Ion: 96 Resp: 216691
Ion Ratio Lower Upper
96 100
61 145.9 106.3 197.5
98 61.7 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 28.701 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW024687.D
Acq: 30 Sep 2022 08:39

Tgt Ion: 73 Resp: 357627
Ion Ratio Lower Upper
73 100
43 19.4 15.6 23.4
57 22.7 18.3 27.5

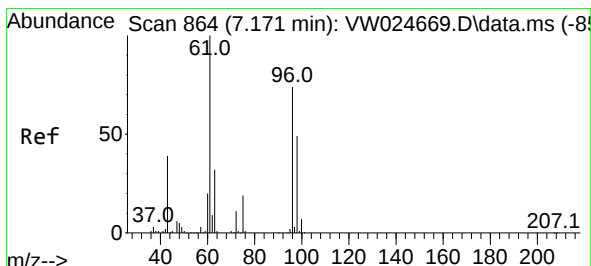
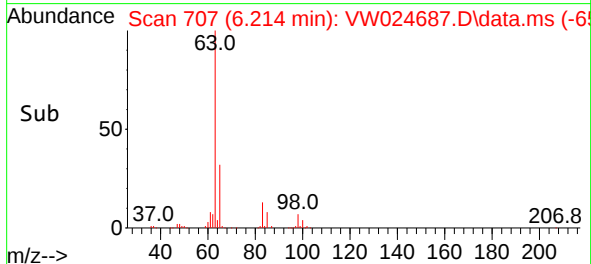
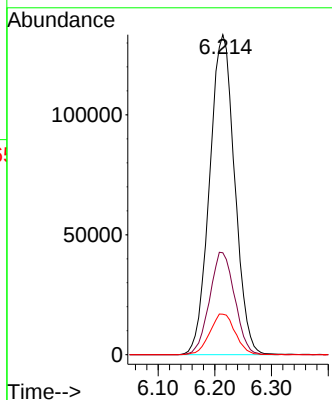
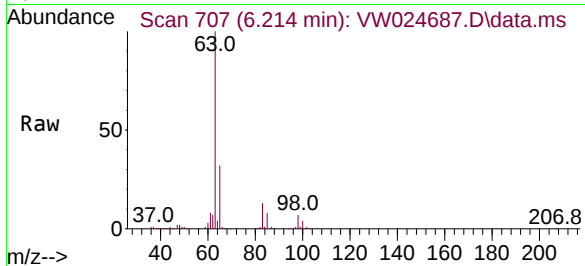




#19
1,1-Dichloroethane
Concen: 27.831 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW024687.D
Acq: 30 Sep 2022 08:39

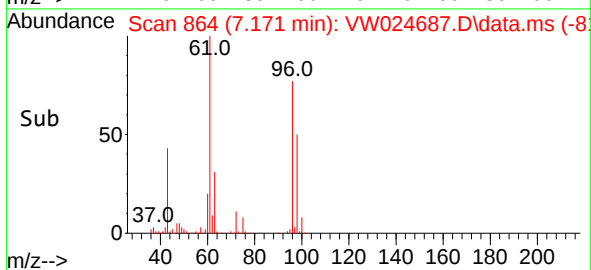
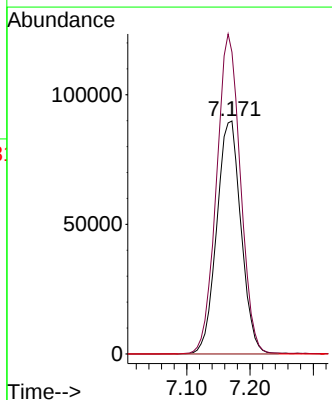
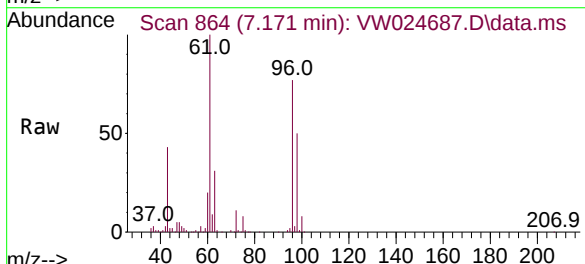
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

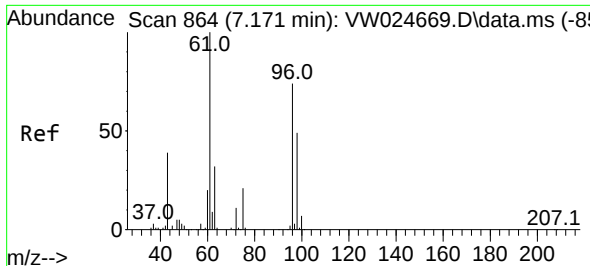
Tgt Ion: 63 Resp: 409197
Ion Ratio Lower Upper
63 100
65 31.9 23.7 43.9
83 12.7 9.4 17.6



#20
cis-1,2-Dichloroethene
Concen: 28.436 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024687.D
Acq: 30 Sep 2022 08:39

Tgt Ion: 96 Resp: 239777
Ion Ratio Lower Upper
96 100
61 129.5 90.2 167.4
68 0.0 0.0 0.0

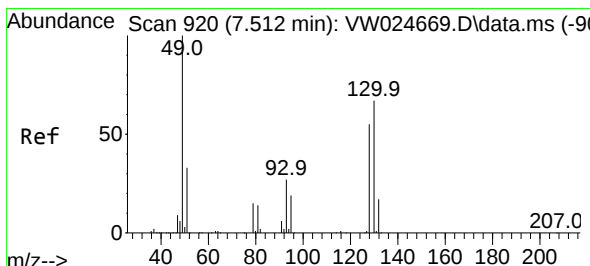
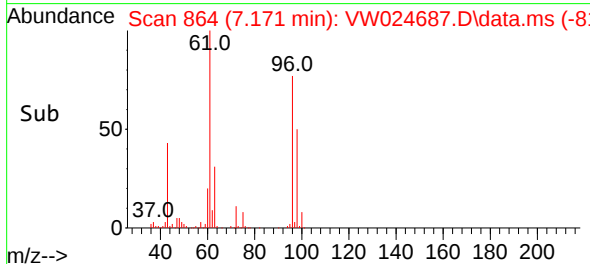
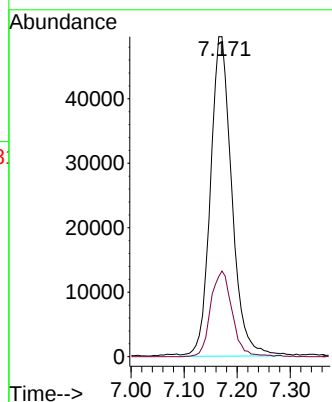
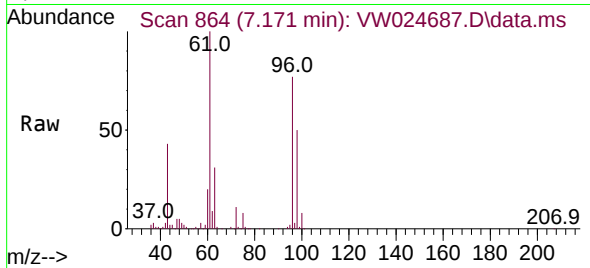




#22
2-Butanone
Concen: 59.155 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024687.D
Acq: 30 Sep 2022 08:39

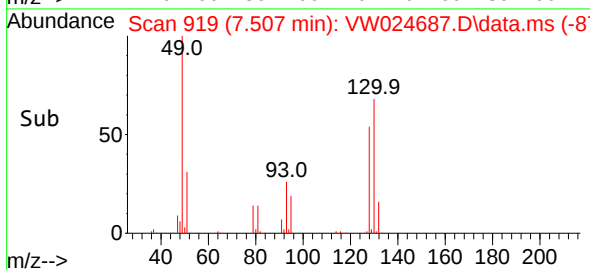
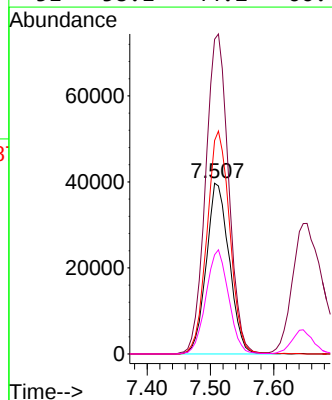
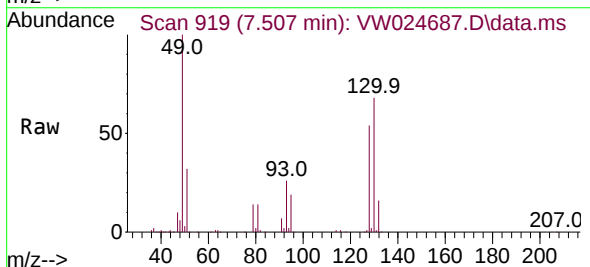
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

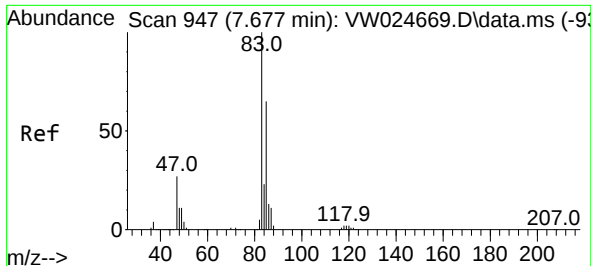
Tgt Ion: 43 Resp: 138837
Ion Ratio Lower Upper
43 100
72 26.9 13.8 41.3



#23
Bromochloromethane
Concen: 29.097 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW024687.D
Acq: 30 Sep 2022 08:39

Tgt Ion: 128 Resp: 99717
Ion Ratio Lower Upper
128 100
49 184.3 127.3 236.3
130 125.0 90.2 167.4
51 58.1 44.2 66.4

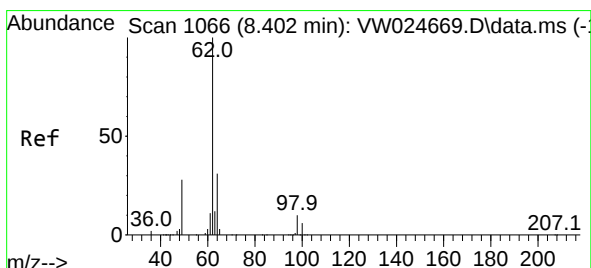
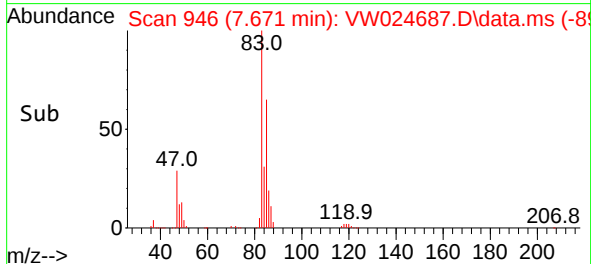
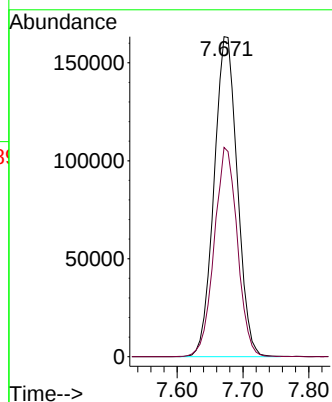
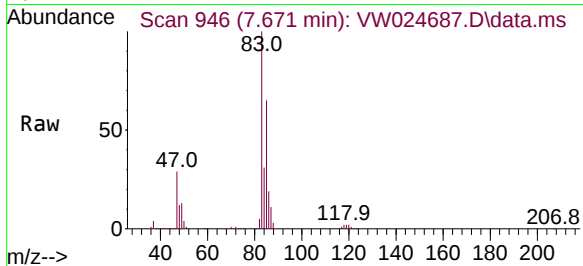




#25
Chloroform
Concen: 28.827 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW024687.D
Acq: 30 Sep 2022 08:39

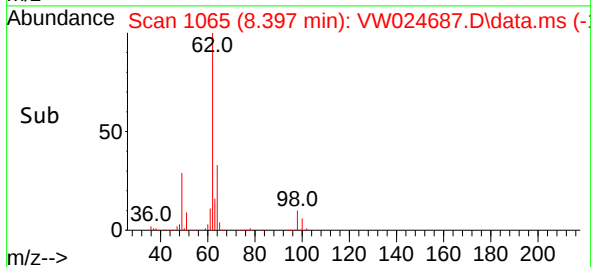
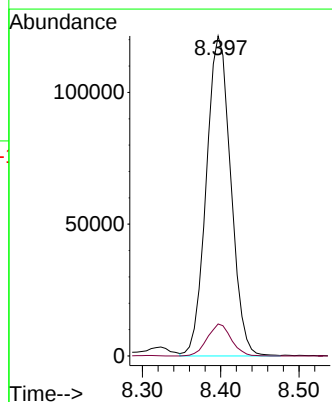
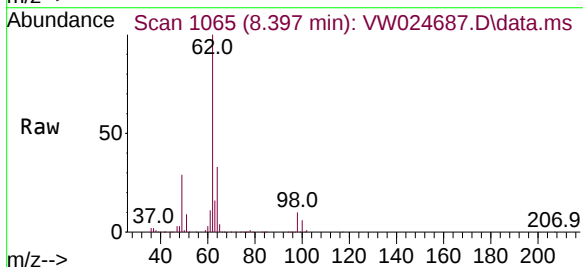
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

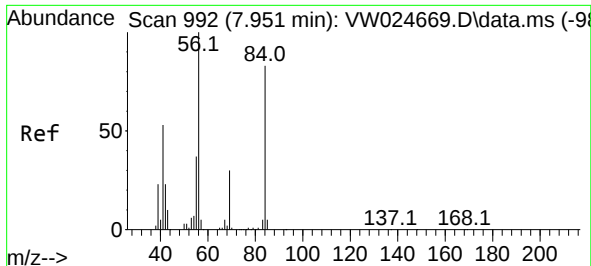
Tgt Ion: 83 Resp: 401909
Ion Ratio Lower Upper
83 100
85 65.4 44.0 81.8



#27
1,2-Dichloroethane
Concen: 30.042 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW024687.D
Acq: 30 Sep 2022 08:39

Tgt Ion: 62 Resp: 263562
Ion Ratio Lower Upper
62 100
98 10.0 7.8 11.8





#29

Cyclohexane

Concen: 23.791 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024687.D

Acq: 30 Sep 2022 08:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD025580

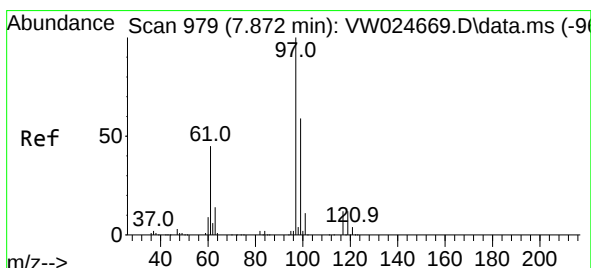
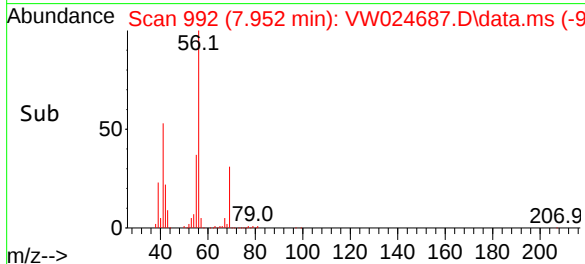
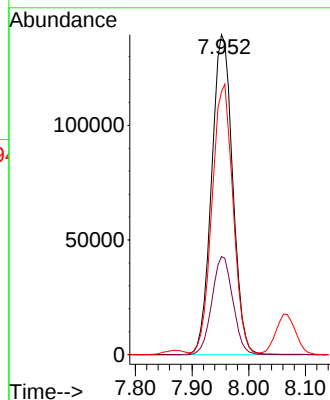
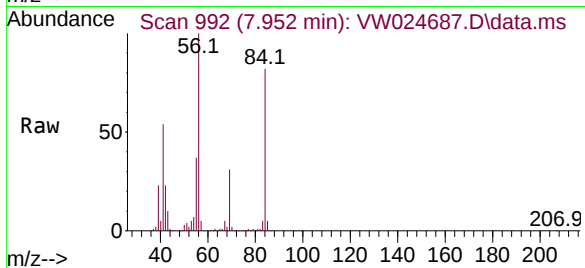
Tgt Ion: 56 Resp: 359995

Ion Ratio Lower Upper

56 100

69 30.5 25.0 37.4

84 84.5 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 25.770 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW024687.D

Acq: 30 Sep 2022 08:39

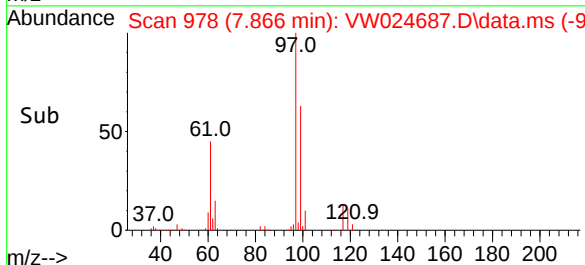
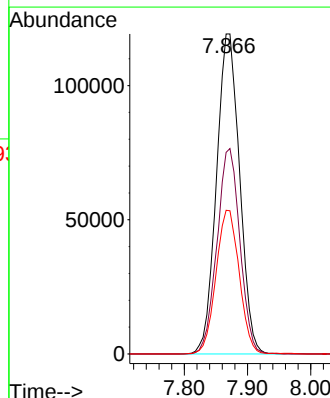
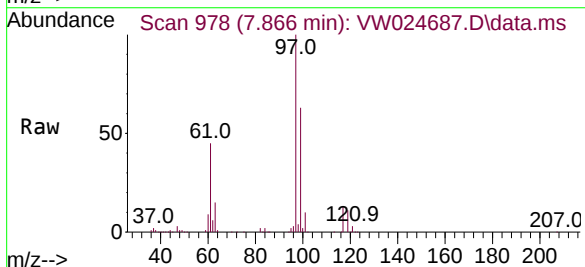
Tgt Ion: 97 Resp: 302944

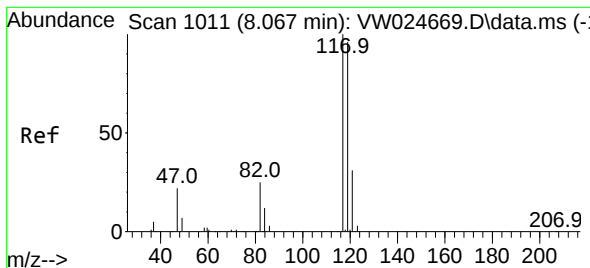
Ion Ratio Lower Upper

97 100

99 63.4 51.1 76.7

61 45.0 35.8 53.6

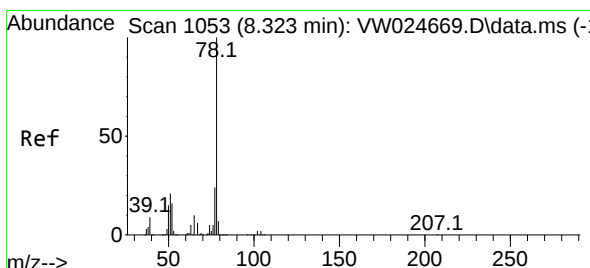
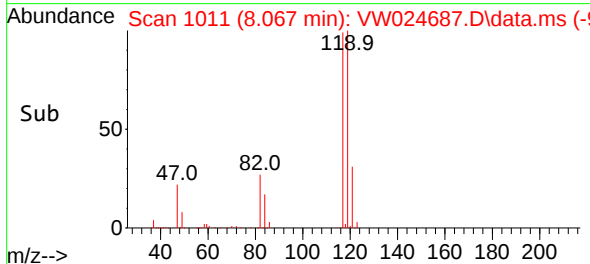
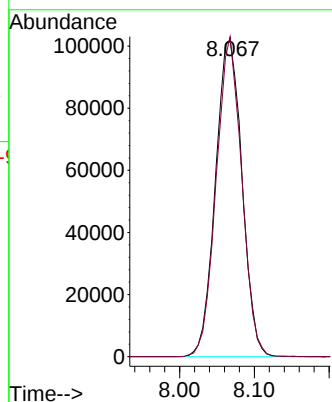
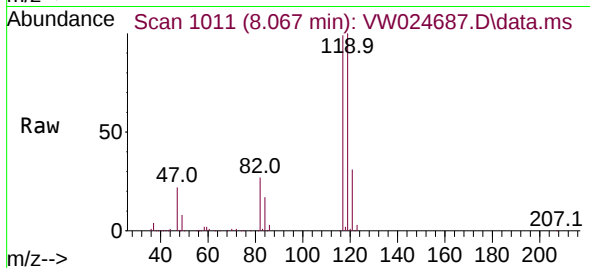




#31
Carbon tetrachloride
Concen: 25.376 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW024687.D
Acq: 30 Sep 2022 08:39

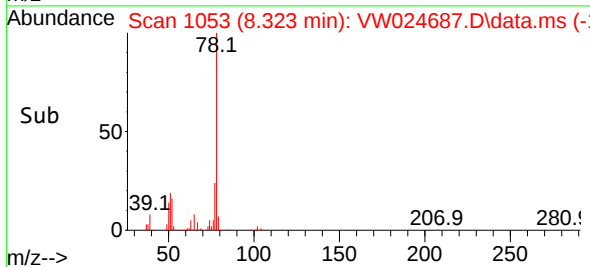
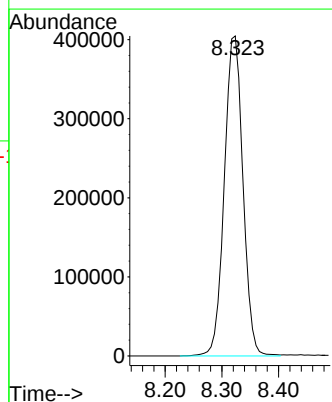
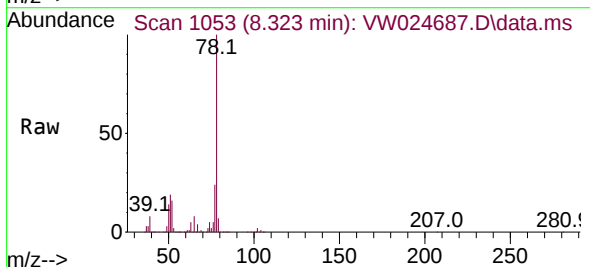
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

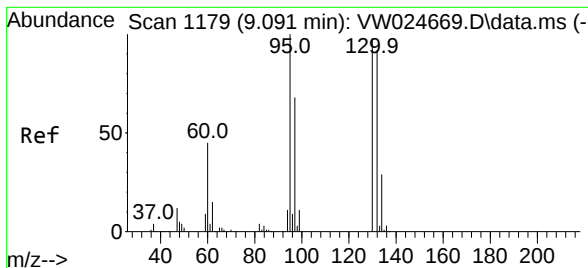
Tgt Ion:117 Resp: 252618
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.2



#33
Benzene
Concen: 27.184 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024687.D
Acq: 30 Sep 2022 08:39

Tgt Ion: 78 Resp: 924320





#34

Trichloroethene

Concen: 26.361 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024687.D

Acq: 30 Sep 2022 08:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD025580

Tgt Ion: 95 Resp: 227186

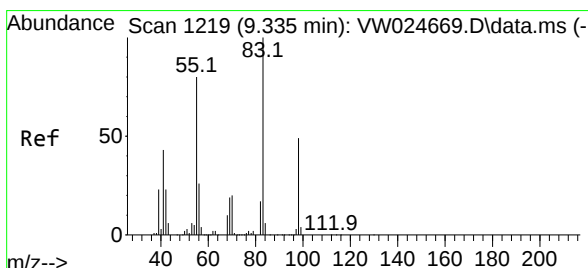
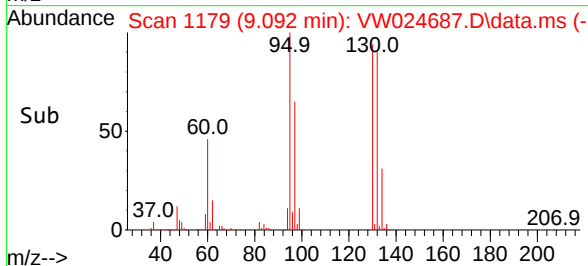
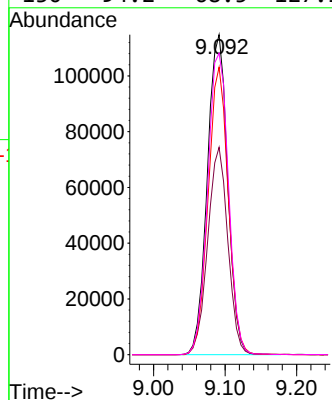
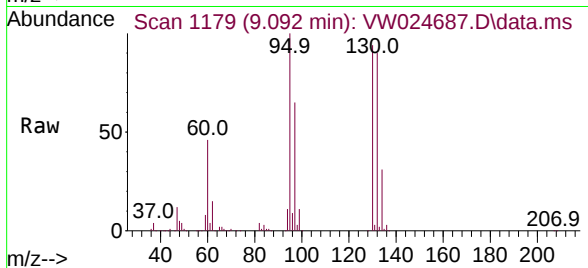
Ion Ratio Lower Upper

95 100

97 64.8 43.5 80.9

132 89.8 61.2 113.8

130 94.2 68.5 127.1



#35

Methylcyclohexane

Concen: 23.869 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW024687.D

Acq: 30 Sep 2022 08:39

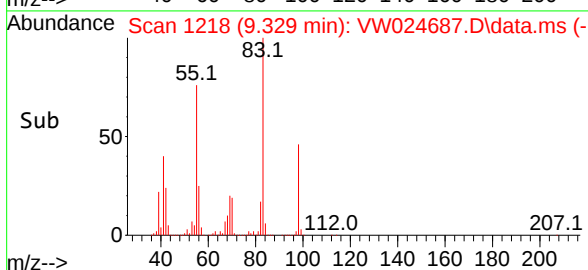
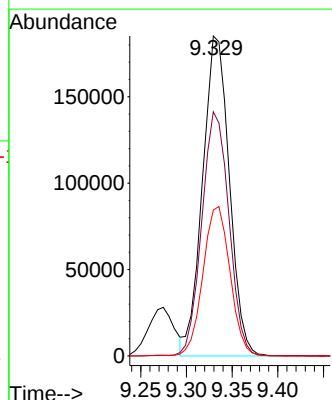
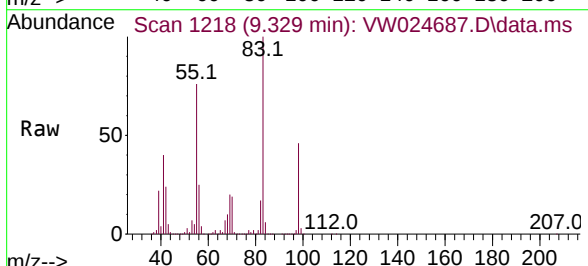
Tgt Ion: 83 Resp: 377093

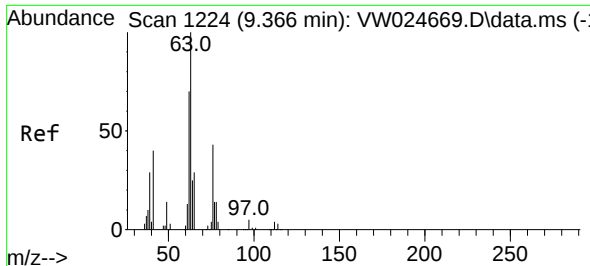
Ion Ratio Lower Upper

83 100

55 77.2 63.1 94.7

98 47.3 38.3 57.5





#37

1,2-Dichloropropane

Concen: 28.183 ug/L

RT: 9.366 min Scan# 112

Delta R.T. 0.000 min

Lab File: VW024687.D

Acq: 30 Sep 2022 08:39

Instrument :

MSVOA_W

ClientSampleId :

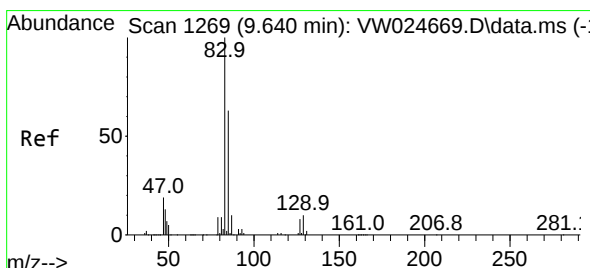
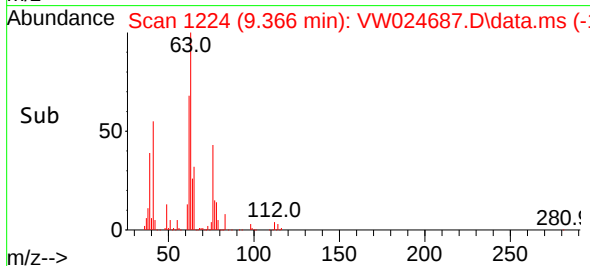
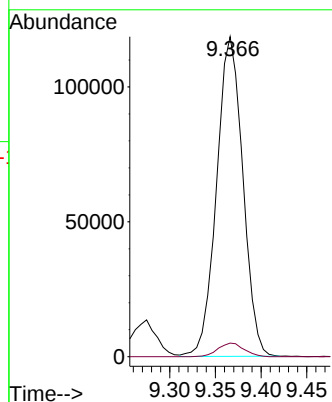
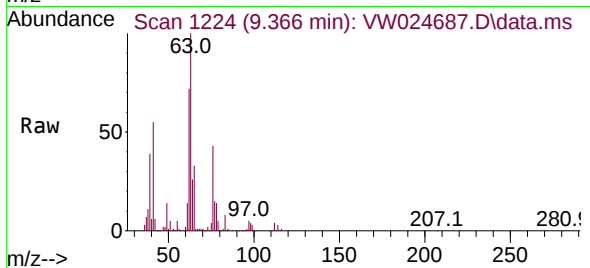
VSTD025580

Tgt Ion: 63 Resp: 236583

Ion Ratio Lower Upper

63 100

112 4.2 3.6 5.4



#38

Bromodichloromethane

Concen: 28.339 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024687.D

Acq: 30 Sep 2022 08:39

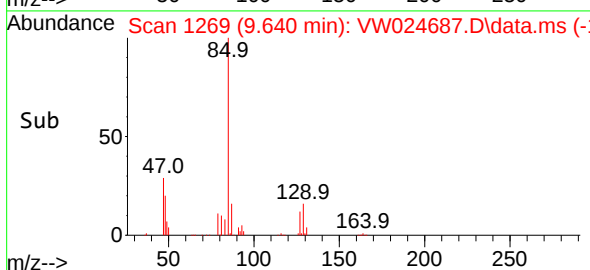
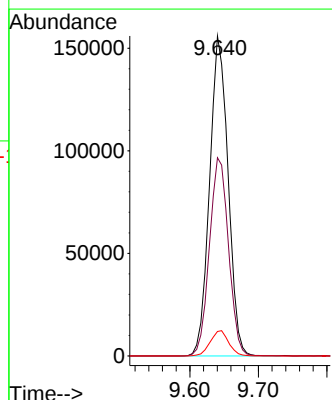
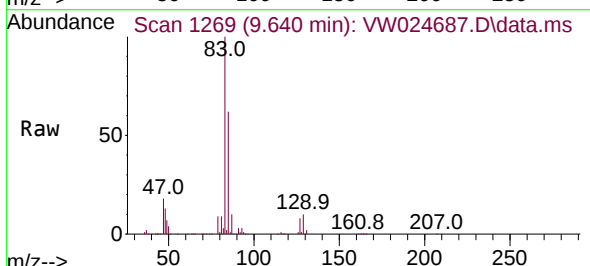
Tgt Ion: 83 Resp: 292622

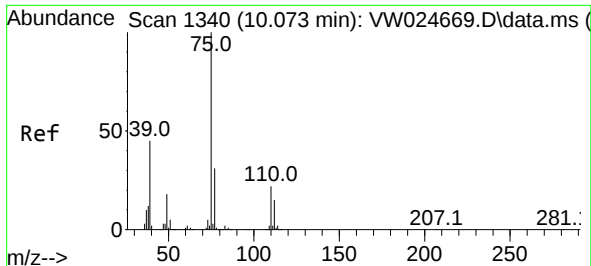
Ion Ratio Lower Upper

83 100

85 61.9 45.6 84.8

127 7.7 6.4 9.6

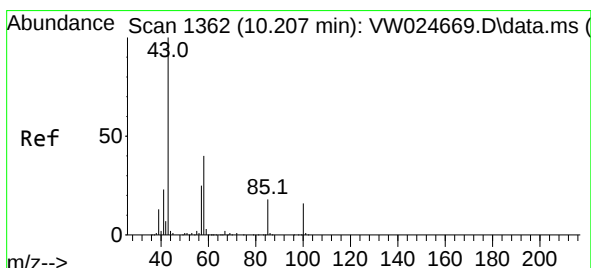
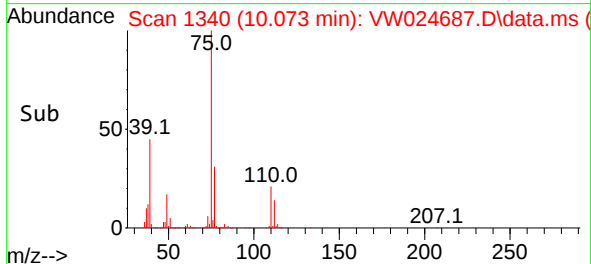
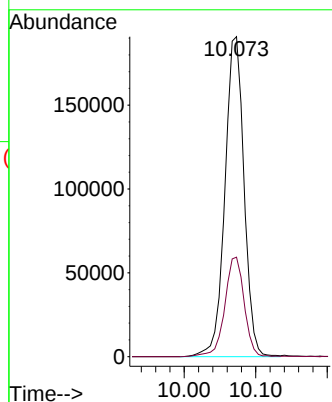
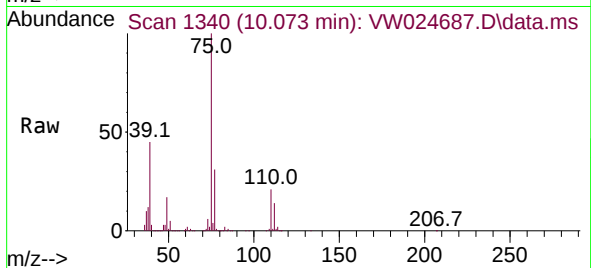




#39
 cis-1,3-Dichloropropene
 Concen: 26.686 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW024687.D
 Acq: 30 Sep 2022 08:39

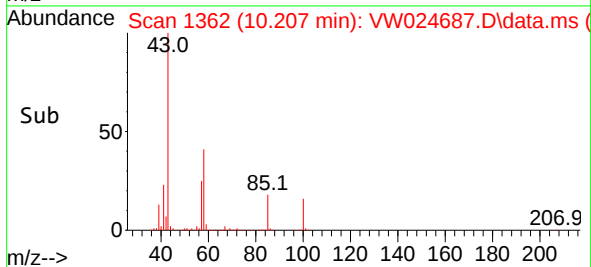
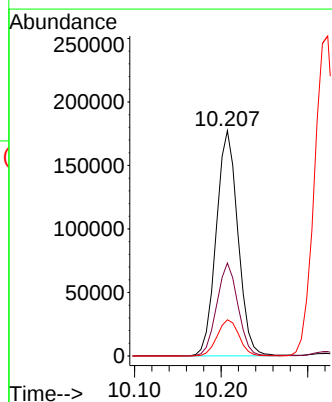
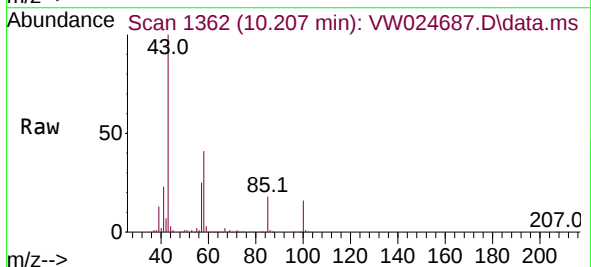
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025580

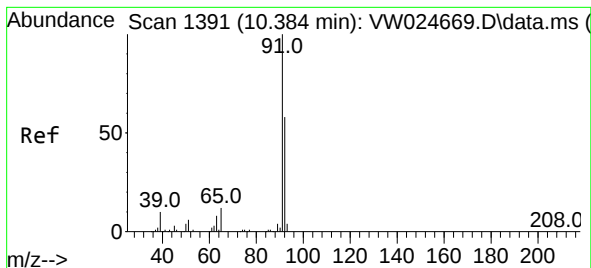
Tgt Ion: 75 Resp: 354240
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 62.039 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW024687.D
 Acq: 30 Sep 2022 08:39

Tgt Ion: 43 Resp: 308254
 Ion Ratio Lower Upper
 43 100
 58 40.4 32.9 49.3
 100 16.2 12.6 19.0





#42

Toluene

Concen: 26.901 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024687.D

Acq: 30 Sep 2022 08:39

Instrument :

MSVOA_W

ClientSampleId :

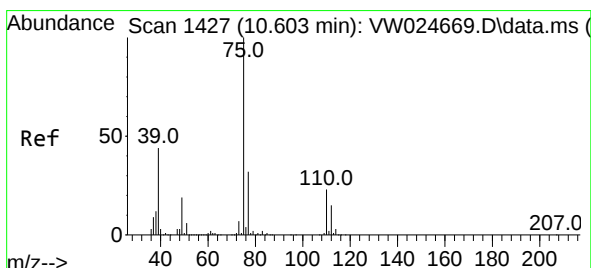
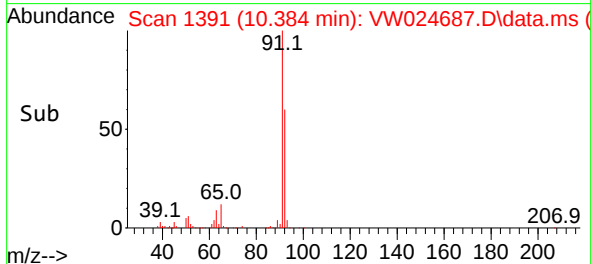
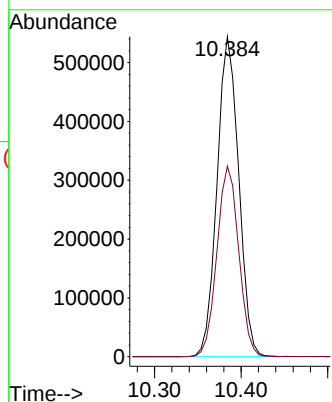
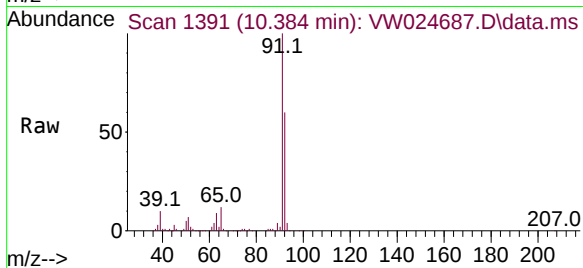
VSTD025580

Tgt Ion: 91 Resp: 944601

Ion Ratio Lower Upper

91 100

92 59.6 41.0 76.2



#44

trans-1,3-Dichloropropene

Concen: 26.845 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW024687.D

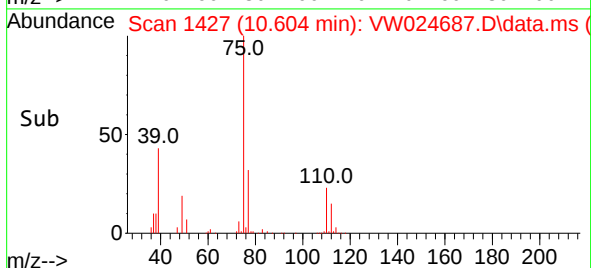
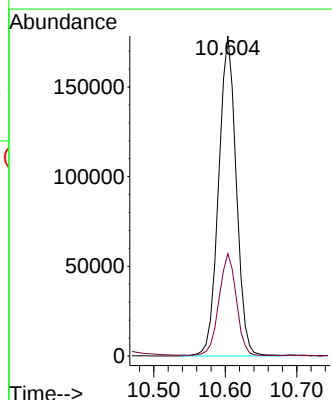
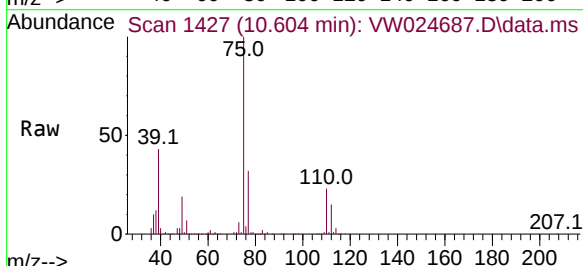
Acq: 30 Sep 2022 08:39

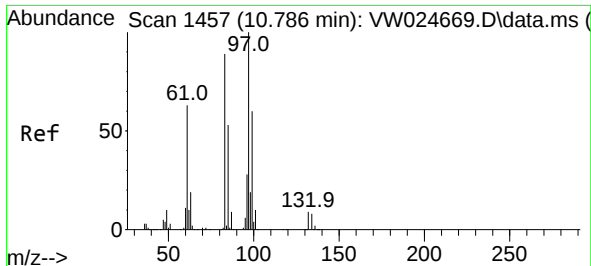
Tgt Ion: 75 Resp: 305518

Ion Ratio Lower Upper

75 100

77 31.9 21.3 39.6

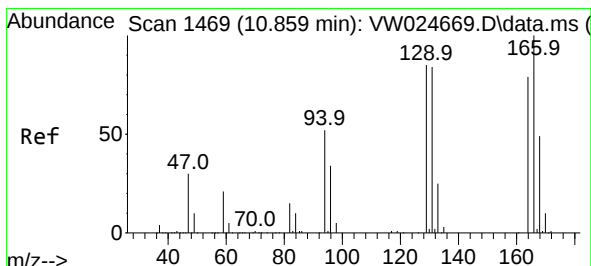
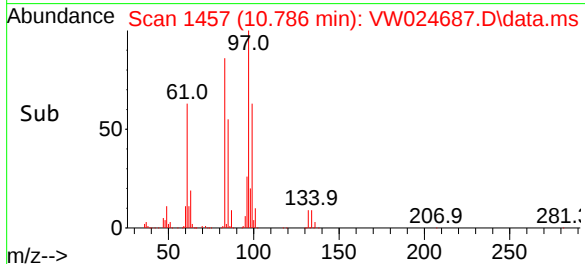
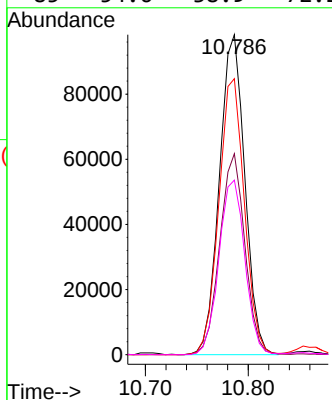
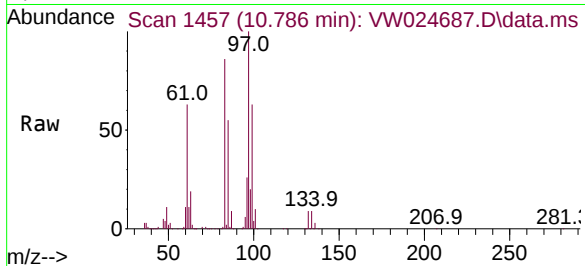




#45
1,1,2-Trichloroethane
Concen: 29.404 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024687.D
Acq: 30 Sep 2022 08:39

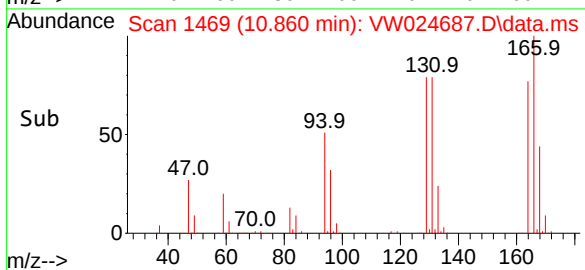
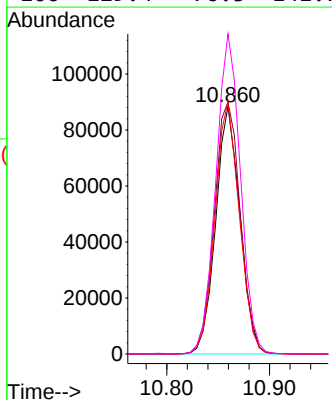
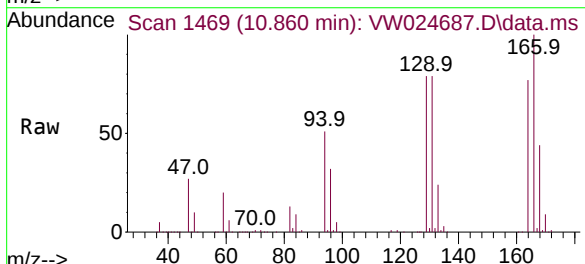
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

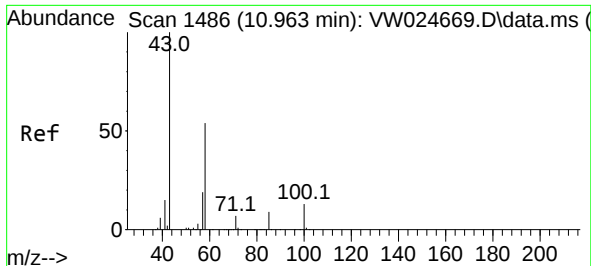
Tgt Ion: 97	Resp: 168597
Ion Ratio	Lower Upper
97 100	
99 62.8	43.8 81.4
83 86.2	60.1 111.5
85 54.6	38.9 72.2



#46
Tetrachloroethene
Concen: 24.788 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024687.D
Acq: 30 Sep 2022 08:39

Tgt	Ion:164	Resp:	145150
Ion	Ratio	Lower	Upper
164	100		
129	101.9	74.1	137.5
131	102.0	71.5	132.7
166	129.4	76.3	141.7

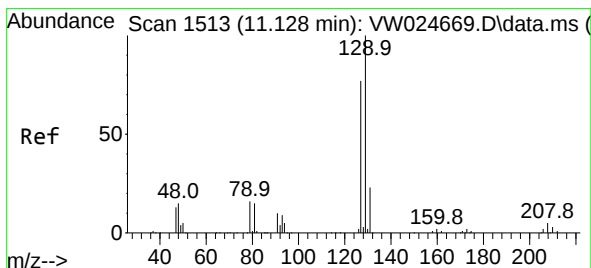
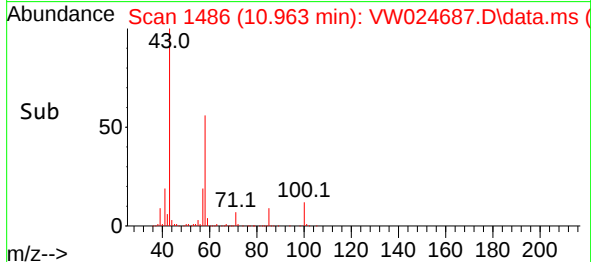
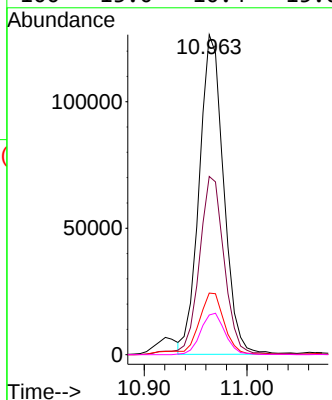
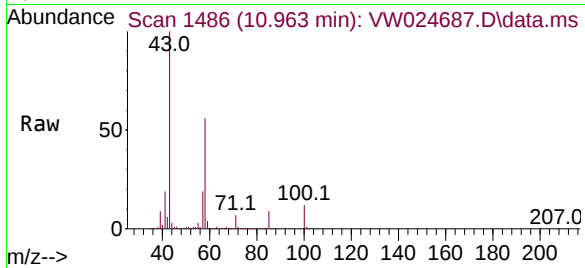




#48
2-Hexanone
Concen: 62.118 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW024687.D
Acq: 30 Sep 2022 08:39

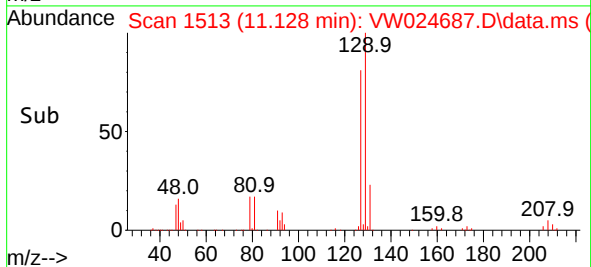
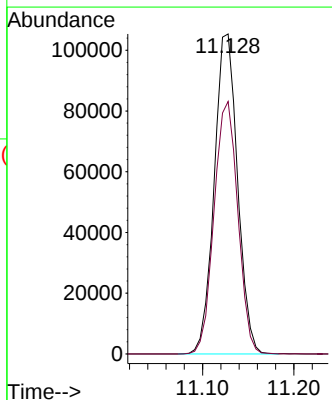
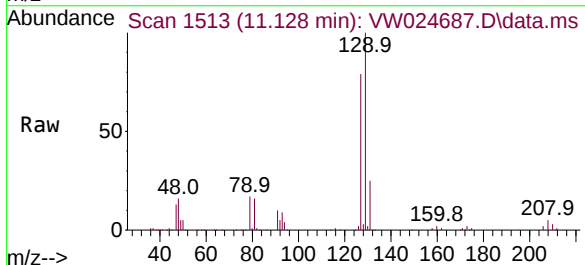
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

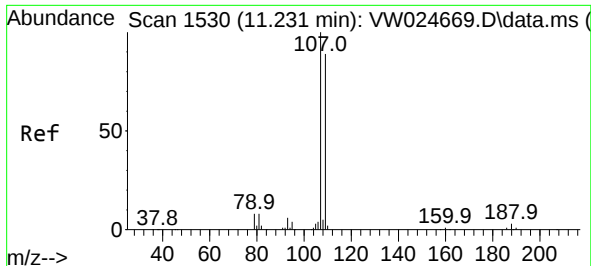
Tgt Ion: 43 Resp: 208710
Ion Ratio Lower Upper
43 100
58 56.0 45.3 67.9
57 19.2 16.3 24.5
100 13.0 10.4 15.6



#49
Dibromochloromethane
Concen: 29.006 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024687.D
Acq: 30 Sep 2022 08:39

Tgt Ion: 129 Resp: 187280
Ion Ratio Lower Upper
129 100
127 78.9 52.4 97.4





#50

1,2-Dibromoethane

Concen: 29.793 ug/L

RT: 11.232 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024687.D

Acq: 30 Sep 2022 08:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD025580

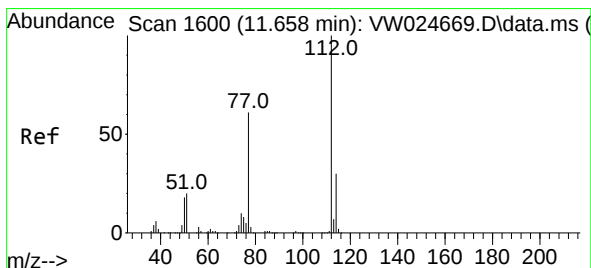
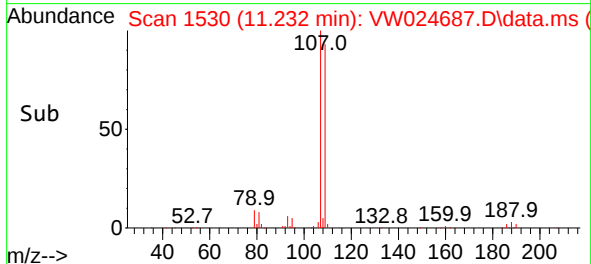
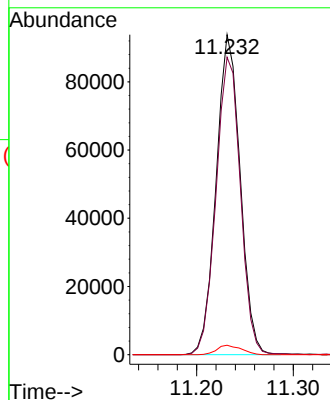
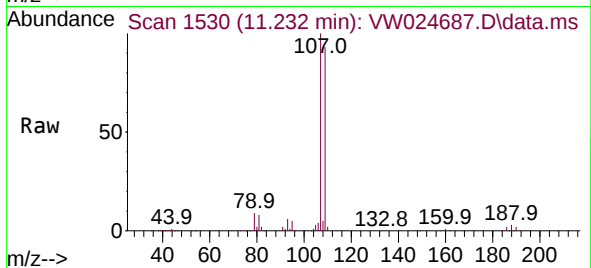
Tgt Ion:107 Resp: 161691

Ion Ratio Lower Upper

107 100

109 93.0 65.5 121.7

188 2.9 2.4 3.6



#51

Chlorobenzene

Concen: 27.546 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW024687.D

Acq: 30 Sep 2022 08:39

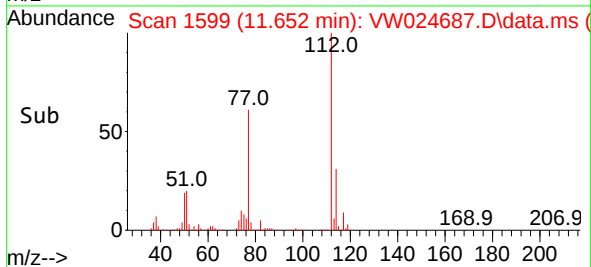
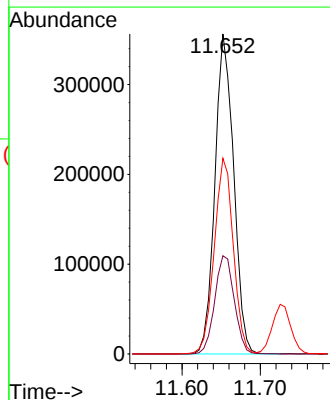
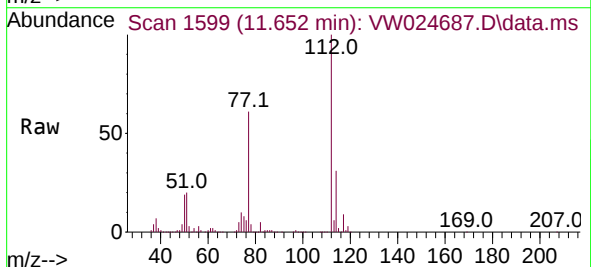
Tgt Ion:112 Resp: 592234

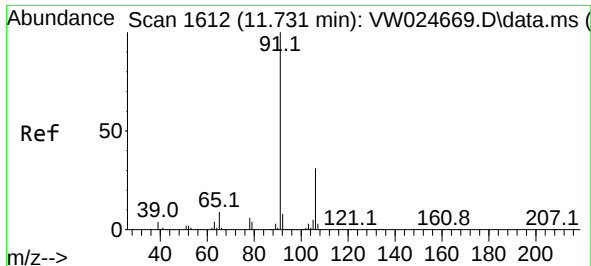
Ion Ratio Lower Upper

112 100

114 30.7 23.3 43.3

77 61.2 49.1 73.7





#52

Ethylbenzene

Concen: 26.933 ug/L

RT: 11.725 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW024687.D

Acq: 30 Sep 2022 08:39

Instrument :

MSVOA_W

ClientSampleId :

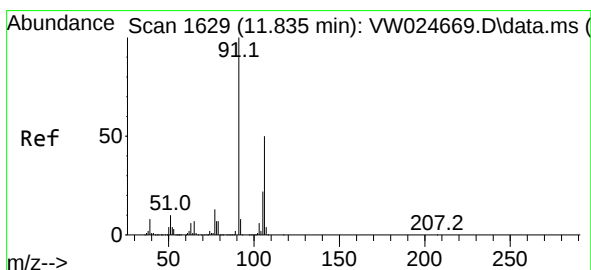
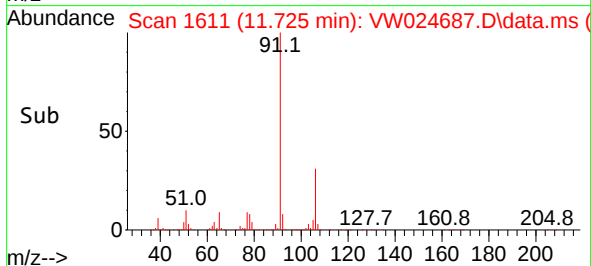
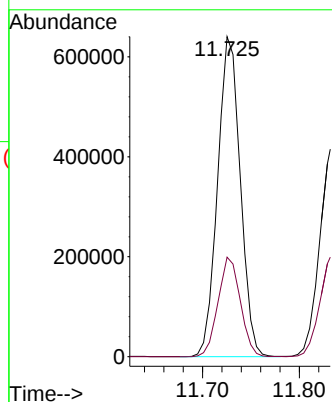
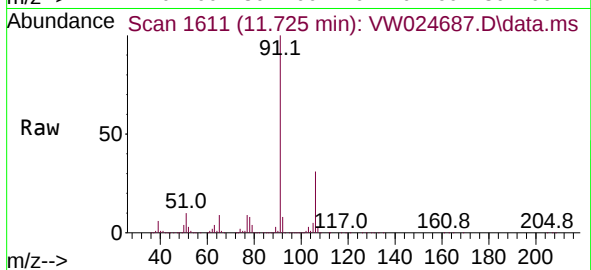
VSTD025580

Tgt Ion: 91 Resp: 1041704

Ion Ratio Lower Upper

91 100

106 31.1 21.5 39.9



#53

m,p-Xylene

Concen: 26.526 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW024687.D

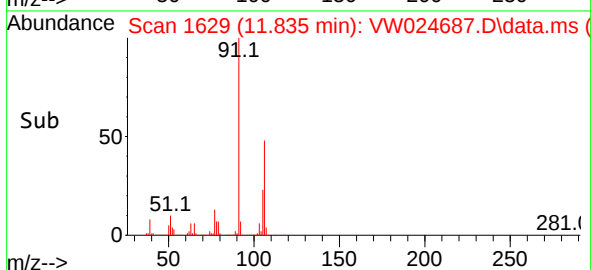
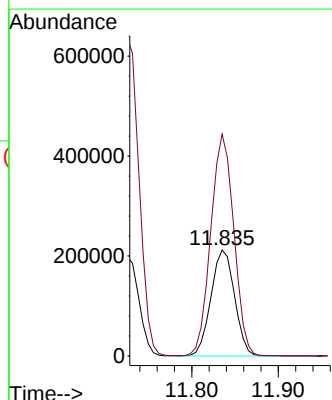
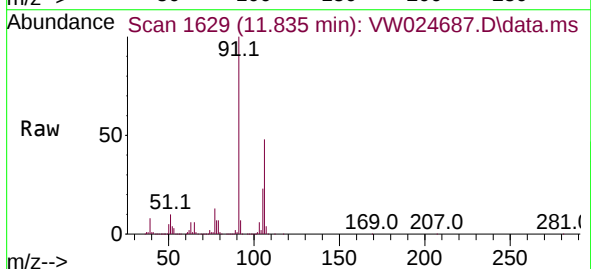
Acq: 30 Sep 2022 08:39

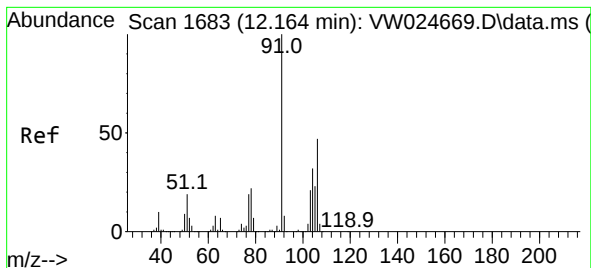
Tgt Ion:106 Resp: 400619

Ion Ratio Lower Upper

106 100

91 209.4 146.8 272.6





#54

o-Xylene

Concen: 27.615 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024687.D

Acq: 30 Sep 2022 08:39

Instrument :

MSVOA_W

ClientSampleId :

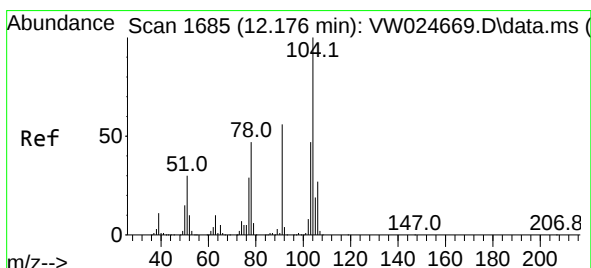
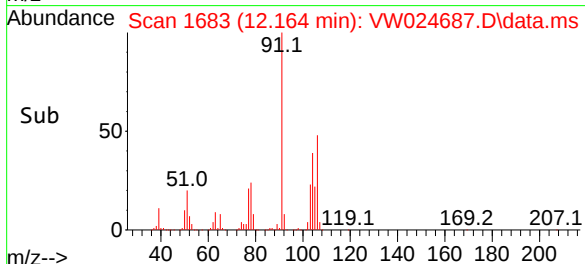
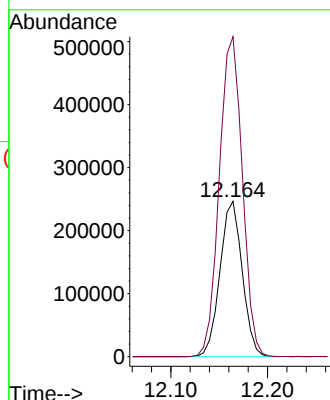
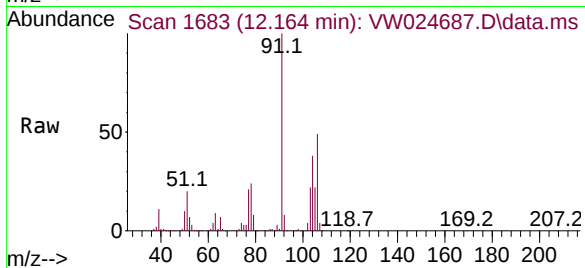
VSTD025580

Tgt Ion:106 Resp: 393858

Ion Ratio Lower Upper

106 100

91 206.0 146.3 271.7



#55

Styrene

Concen: 28.356 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024687.D

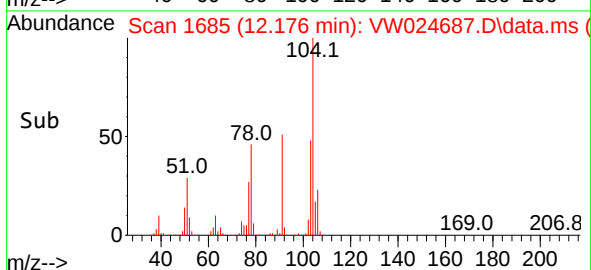
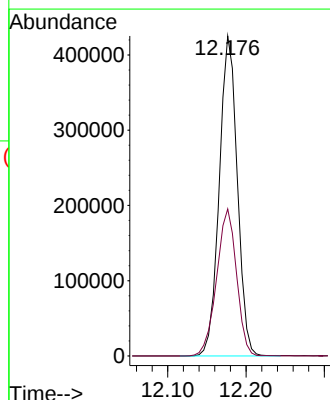
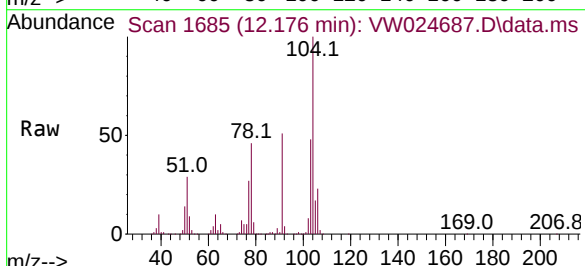
Acq: 30 Sep 2022 08:39

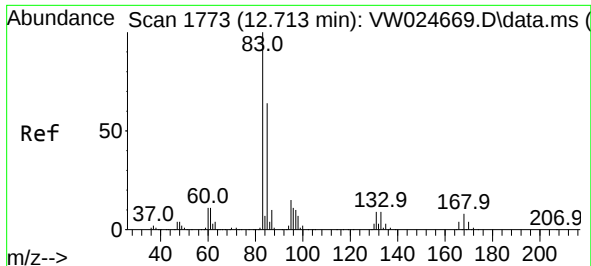
Tgt Ion:104 Resp: 681771

Ion Ratio Lower Upper

104 100

78 45.9 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 30.368 ug/L

RT: 12.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024687.D

Acq: 30 Sep 2022 08:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD025580

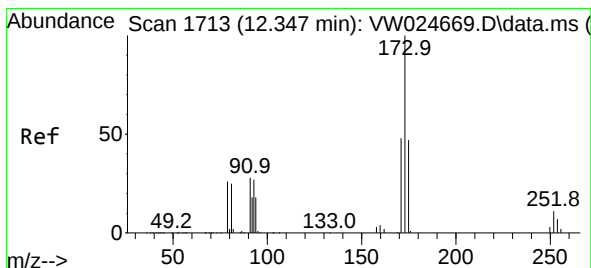
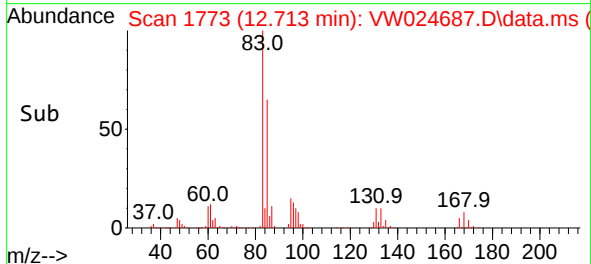
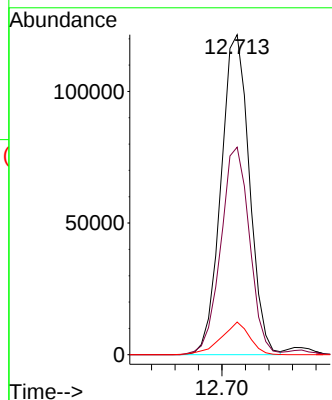
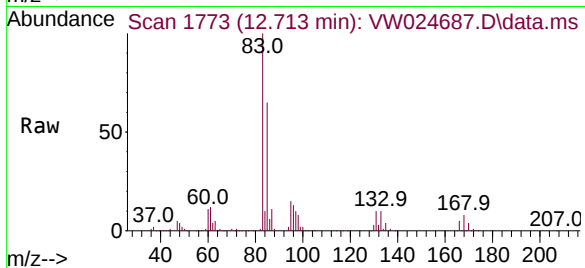
Tgt Ion: 83 Resp: 203878

Ion Ratio Lower Upper

83 100

85 64.9 45.2 84.0

131 10.2 7.3 10.9



#59

Bromoform

Concen: 30.988 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024687.D

Acq: 30 Sep 2022 08:39

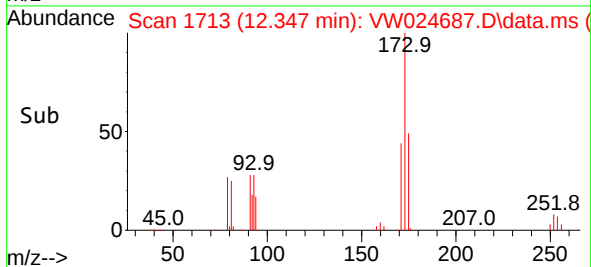
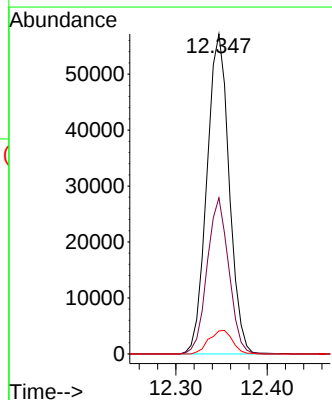
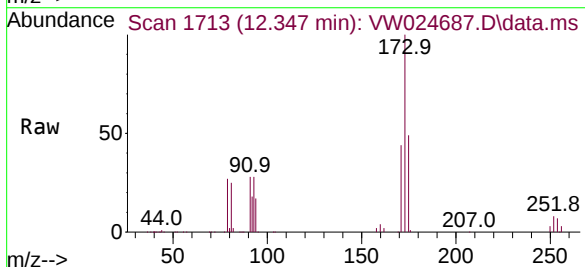
Tgt Ion:173 Resp: 96684

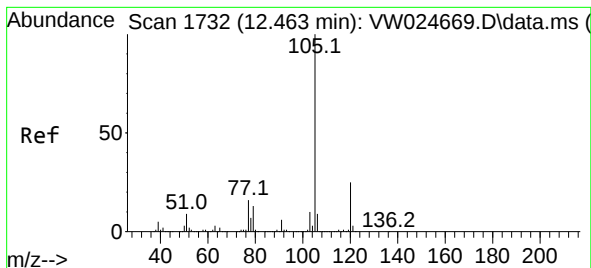
Ion Ratio Lower Upper

173 100

175 47.3 37.7 56.5

254 7.8 6.7 10.1





#60

Isopropylbenzene

Concen: 28.209 ug/L

RT: 12.457 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW024687.D

Acq: 30 Sep 2022 08:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD025580

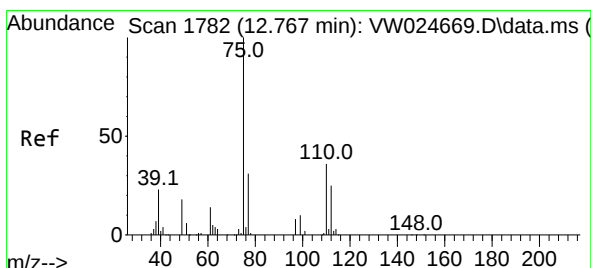
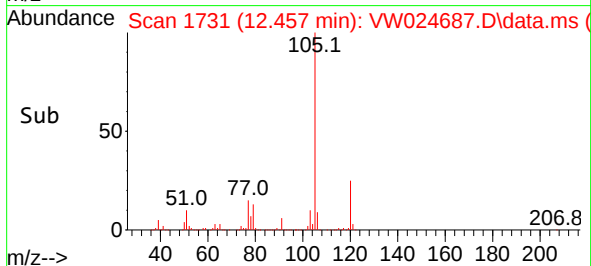
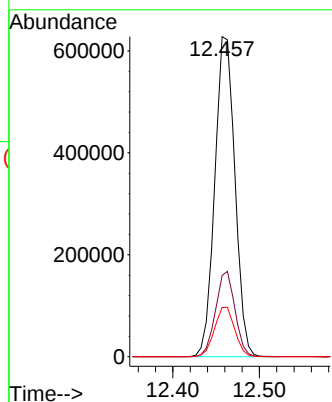
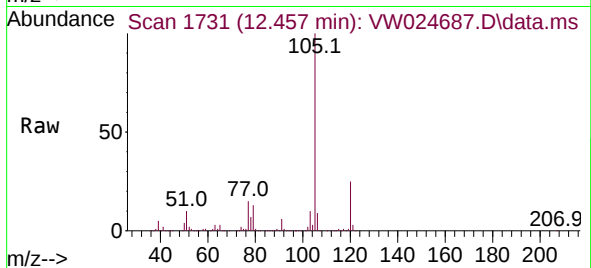
Tgt Ion:105 Resp: 1014806

Ion Ratio Lower Upper

105 100

120 25.7 20.9 31.3

77 15.6 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 32.321 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024687.D

Acq: 30 Sep 2022 08:39

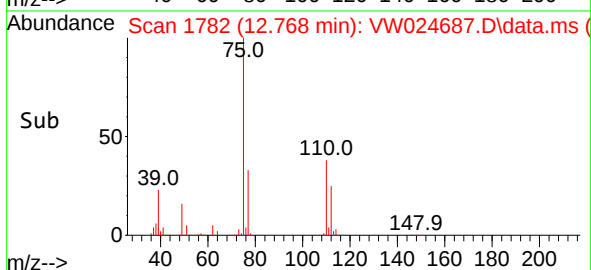
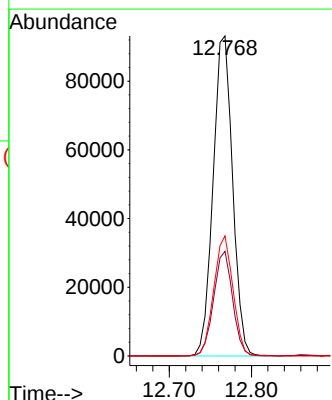
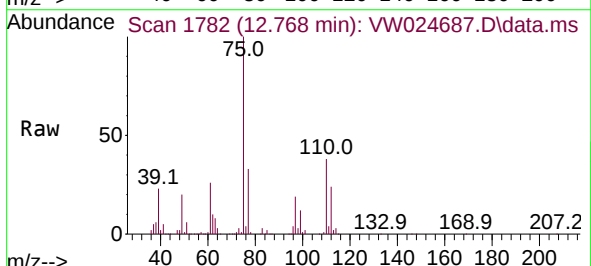
Tgt Ion: 75 Resp: 153672

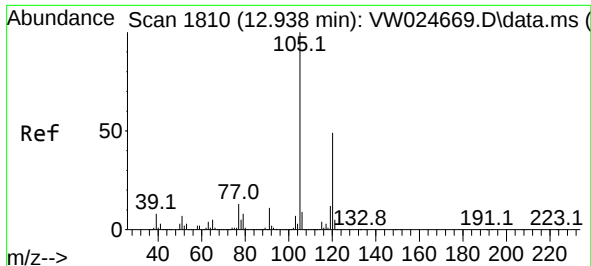
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6

110 37.0 29.2 43.8





#62

1,3,5-Trimethylbenzene

Concen: 28.381 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024687.D

Acq: 30 Sep 2022 08:39

Instrument :

MSVOA_W

ClientSampleId :

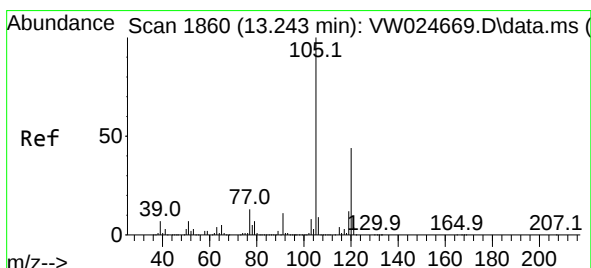
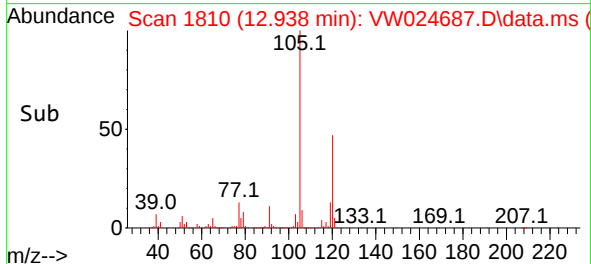
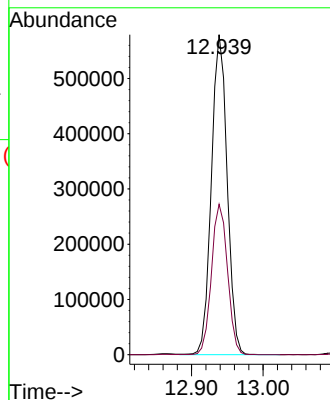
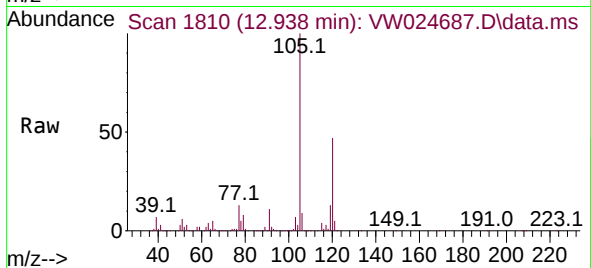
VSTD025580

Tgt Ion:105 Resp: 887392

Ion Ratio Lower Upper

105 100

120 47.7 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 28.532 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.006 min

Lab File: VW024687.D

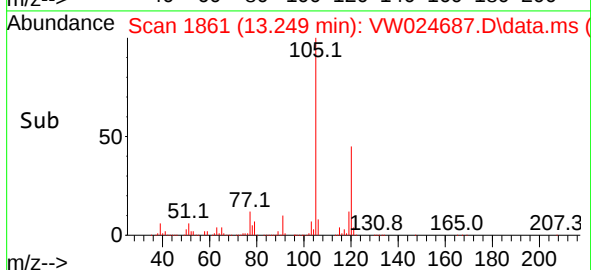
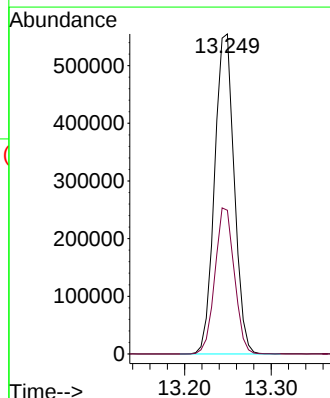
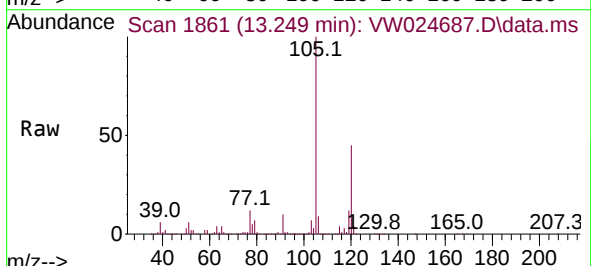
Acq: 30 Sep 2022 08:39

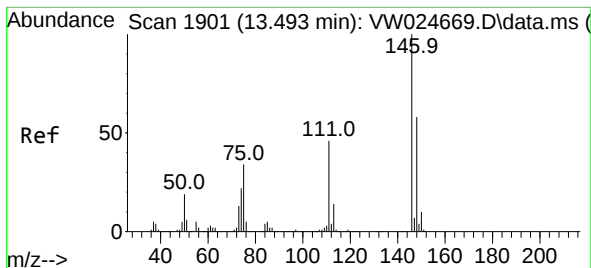
Tgt Ion:105 Resp: 873965

Ion Ratio Lower Upper

105 100

120 45.0 35.2 52.8





#64

1,3-Dichlorobenzene

Concen: 27.859 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VW024687.D

Acq: 30 Sep 2022 08:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD025580

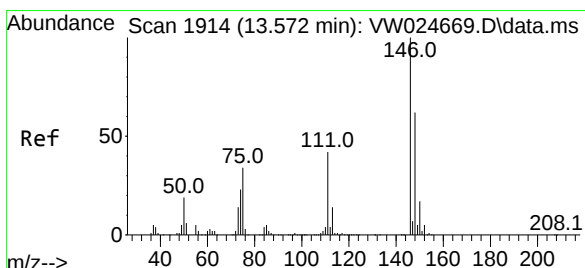
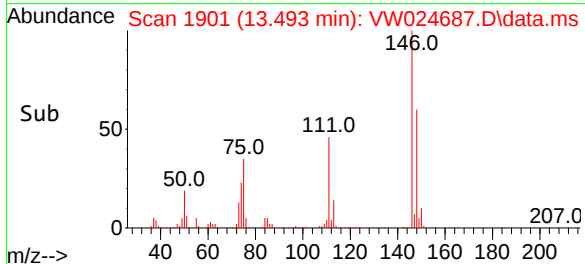
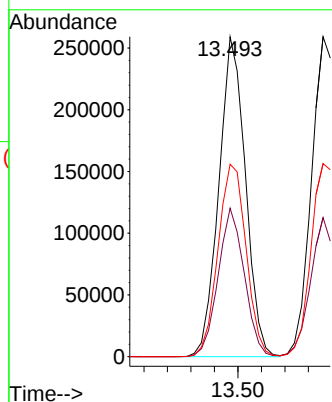
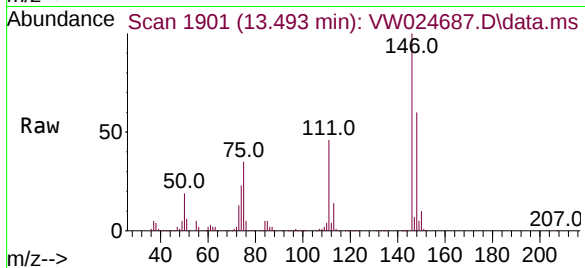
Tgt Ion:146 Resp: 407159

Ion Ratio Lower Upper

146 100

111 46.4 31.6 58.6

148 60.2 38.1 70.9



#65

1,4-Dichlorobenzene

Concen: 29.103 ug/L

RT: 13.573 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW024687.D

Acq: 30 Sep 2022 08:39

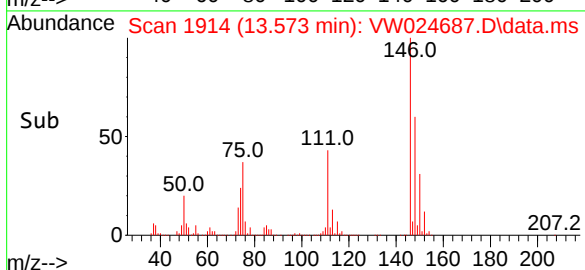
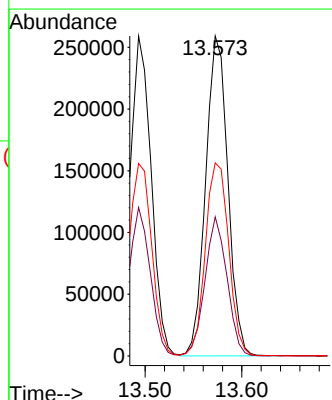
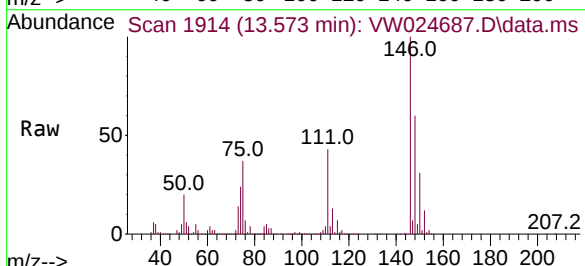
Tgt Ion:146 Resp: 414068

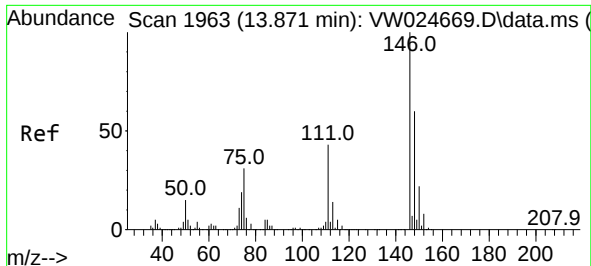
Ion Ratio Lower Upper

146 100

111 43.4 29.4 54.6

148 60.4 39.6 73.6





#67

1,2-Dichlorobenzene

Concen: 30.182 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW024687.D

Acq: 30 Sep 2022 08:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD025580

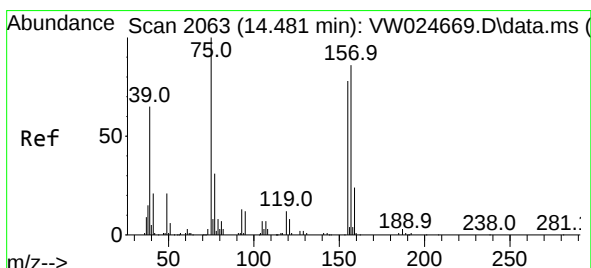
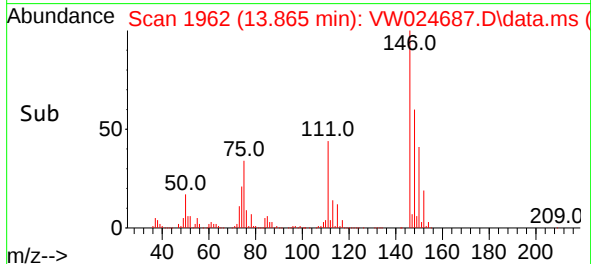
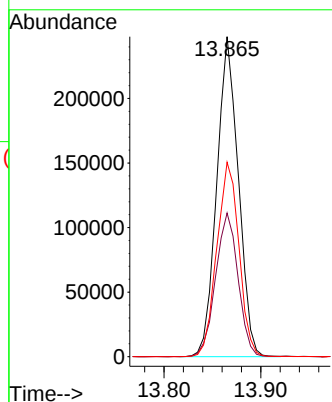
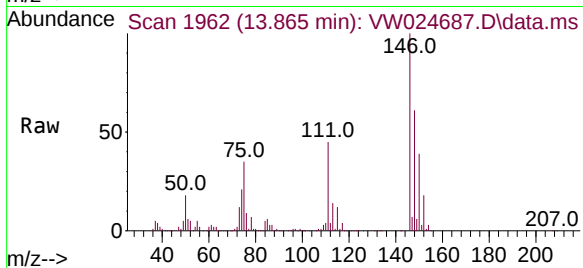
Tgt Ion:146 Resp: 384214

Ion Ratio Lower Upper

146 100

111 44.9 37.2 55.8

148 60.7 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 31.888 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024687.D

Acq: 30 Sep 2022 08:39

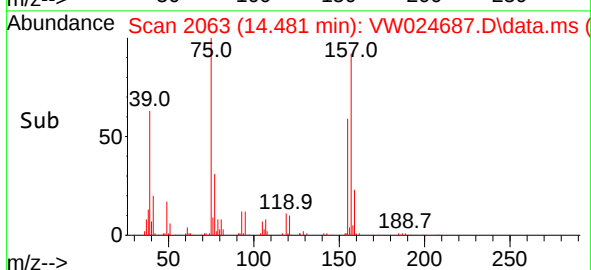
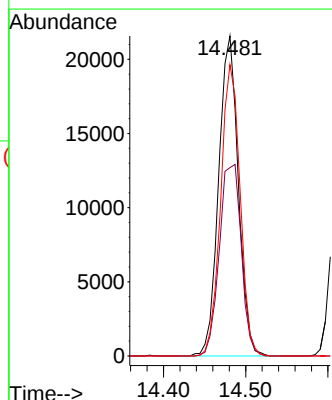
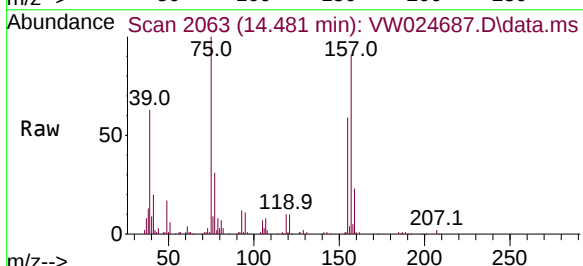
Tgt Ion: 75 Resp: 35854

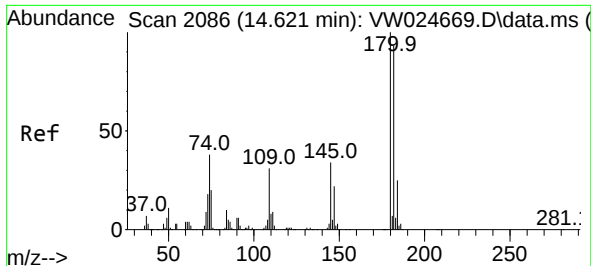
Ion Ratio Lower Upper

75 100

155 58.8 57.6 86.4

157 91.1 73.0 109.6

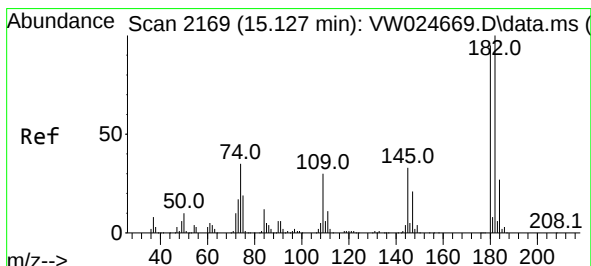
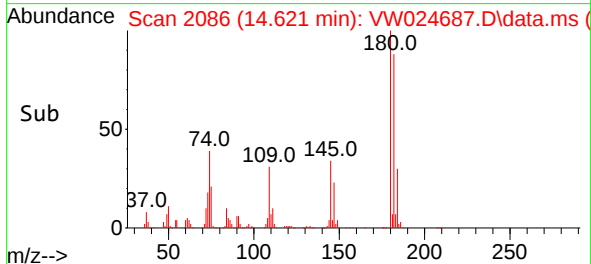
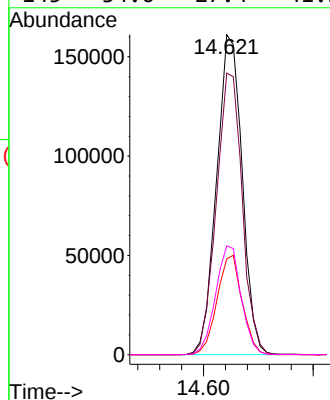
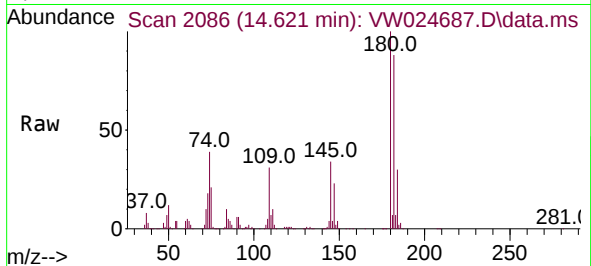




#69
1,3,5-Trichlorobenzene
Concen: 26.880 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. 0.000 min
Lab File: VW024687.D
Acq: 30 Sep 2022 08:39

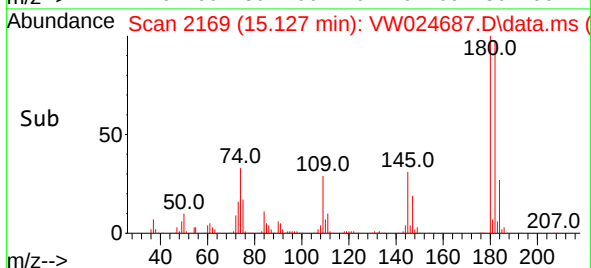
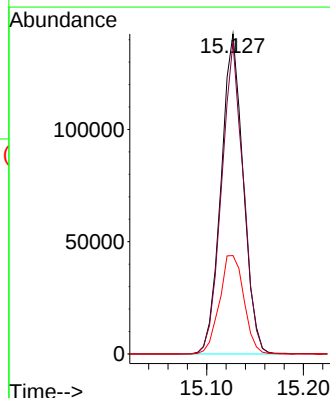
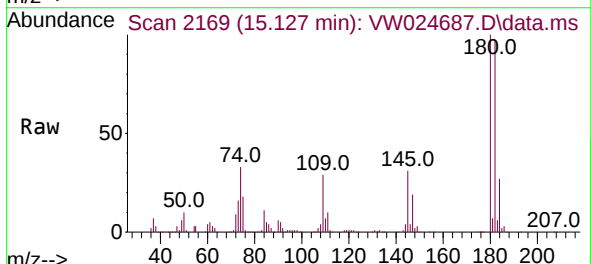
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

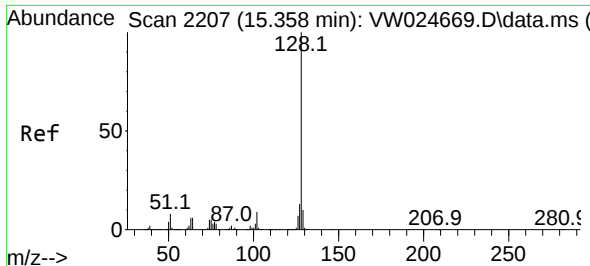
Tgt Ion:	180	Resp:	260845
Ion Ratio	Lower	Upper	
180	100		
182	89.0	77.1	115.7
184	30.5	23.3	34.9
145	34.0	27.4	41.2



#70
1,2,4-trichlorobenzene
Concen: 27.819 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW024687.D
Acq: 30 Sep 2022 08:39

Tgt Ion:	180	Resp:	226792
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.8	115.2
145	33.9	29.0	43.4

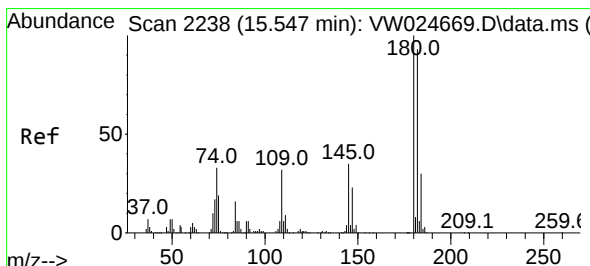
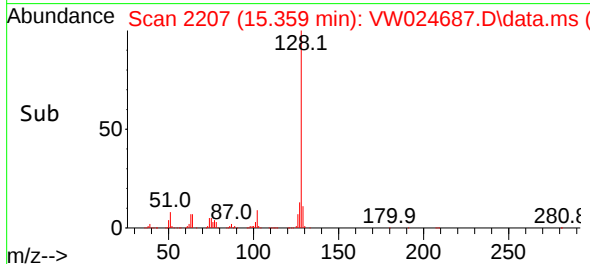
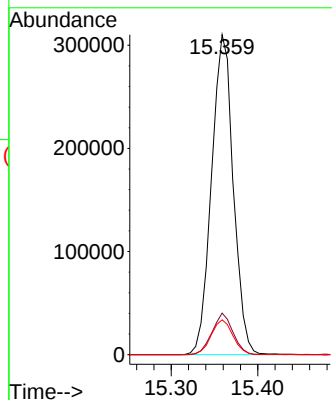
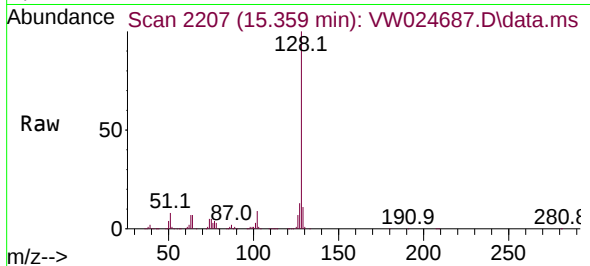




#71
Naphthalene
Concen: 30.536 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW024687.D
Acq: 30 Sep 2022 08:39

Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

Tgt Ion:128 Resp: 542025
Ion Ratio Lower Upper
128 100
127 12.5 10.6 16.0
129 10.9 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 28.070 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW024687.D
Acq: 30 Sep 2022 08:39

Tgt Ion:180 Resp: 194757
Ion Ratio Lower Upper
180 100
182 96.4 77.4 116.2
145 37.7 30.6 45.8

