

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092822\
 Data File : VW024667.D
 Acq On : 28 Sep 2022 18:49
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025577

Quant Time: Sep 29 04:47:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 29 04:41:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	543186	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	496674	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	235235	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	157695	27.748	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.000%
7) Chloroethane-d5	2.885	69	84550	25.602	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	4.025	63	325966	24.781	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.120%
21) 2-Butanone-d5	7.080	46	111211	54.429	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.860%
24) Chloroform-d	7.647	84	376615	25.935	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.760%
26) 1,2-Dichloroethane-d4	8.305	65	197897	26.271	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.080%
32) Benzene-d6	8.275	84	774007	24.382	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.520%
36) 1,2-Dichloropropane-d6	9.274	67	240699	24.816	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.280%
41) Toluene-d8	10.323	98	699548	24.655	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.640%
43) trans-1,3-Dichloroprop...	10.579	79	101987	23.611	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.440%
47) 2-Hexanone-d5	10.920	63	87484	52.716	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.440%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	181899	26.320	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	213350	25.774	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	71466	21.430	ug/L	93
3) Chloromethane	2.215	50	149136	22.964	ug/L	98
5) Vinyl chloride	2.367	62	200317	30.000	ug/L	99
6) Bromomethane	2.782	94	80318	26.063	ug/L	94
8) Chloroethane	2.922	64	74691	26.533	ug/L	96
9) Trichlorofluoromethane	3.257	101	85063	22.771	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	190834	26.785	ug/L #	78
12) 1,1-Dichloroethene	4.050	96	190132	26.757	ug/L	87
13) Acetone	4.135	43	66902	44.878	ug/L	99
14) Carbon disulfide	4.391	76	624254	27.828	ug/L	99
15) Methyl Acetate	4.678	43	96367	29.194	ug/L	99
16) Methylene chloride	4.922	84	246448	23.102	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	207665	26.010	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	351558	27.771	ug/L	100
19) 1,1-Dichloroethane	6.220	63	394549	26.413	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	234207	27.339	ug/L	99
22) 2-Butanone	7.177	43	124906	52.383	ug/L	100
23) Bromochloromethane	7.519	128	94849	27.242	ug/L	97
25) Chloroform	7.677	83	383332	27.063	ug/L	97

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 Response via : Initial Calibration

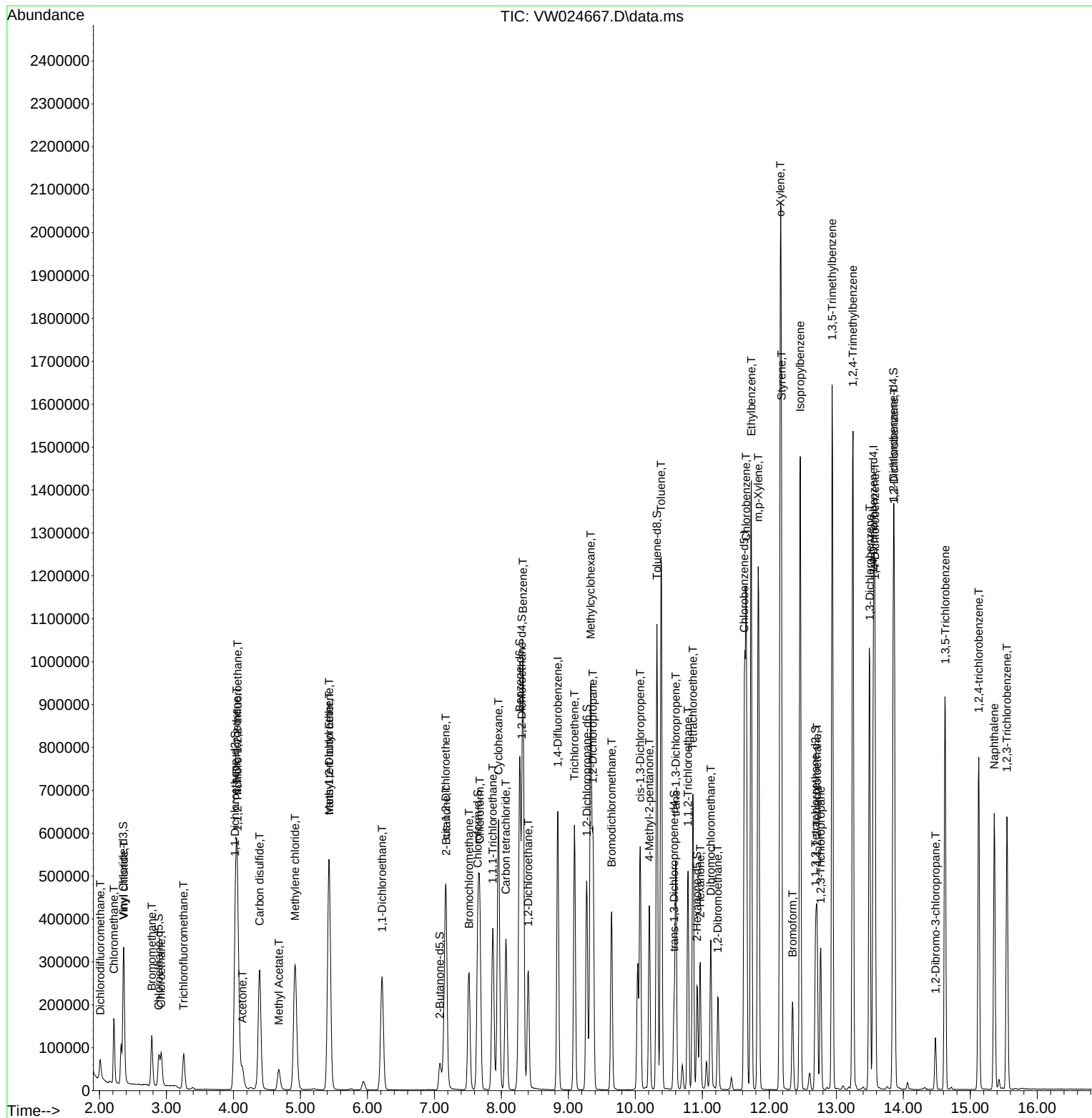
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	245690	27.565	ug/L	98
29) Cyclohexane	7.958	56	376716	24.352	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	303417	25.246	ug/L	99
31) Carbon tetrachloride	8.067	117	264176	25.957	ug/L	100
33) Benzene	8.323	78	903254	25.983	ug/L	100
34) Trichloroethene	9.092	95	224420	25.471	ug/L	96
35) Methylcyclohexane	9.335	83	394880	24.448	ug/L	99
37) 1,2-Dichloropropane	9.366	63	227521	26.511	ug/L	99
38) Bromodichloromethane	9.646	83	281038	26.622	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	346512	25.533	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	280514	55.222	ug/L	99
42) Toluene	10.384	91	924366	25.749	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	297277	25.550	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	158351	27.013	ug/L	99
46) Tetrachloroethene	10.859	164	145150	24.246	ug/L	90
48) 2-Hexanone	10.969	43	188749	54.949	ug/L	100
49) Dibromochloromethane	11.128	129	180221	27.303	ug/L	100
50) 1,2-Dibromoethane	11.231	107	149511	26.946	ug/L	100
51) Chlorobenzene	11.652	112	573240	26.080	ug/L	97
52) Ethylbenzene	11.731	91	1010042	25.544	ug/L	100
53) m,p-Xylene	11.835	106	396700	25.692	ug/L	96
54) o-Xylene	12.164	106	378432	25.954	ug/L	97
55) Styrene	12.182	104	634569	25.816	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	193099	28.134	ug/L	99
59) Bromoform	12.347	173	92519	27.824	ug/L	99
60) Isopropylbenzene	12.463	105	988341	25.779	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	142065	28.036	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	869103	26.081	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	859726	26.336	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	406701	26.111	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	404244	26.660	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	369757	27.255	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	32718	27.304	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	257359	24.885	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	220608	25.391	ug/L	99
71) Naphthalene	15.359	128	536098	28.339	ug/L	97
72) 1,2,3-Trichlorobenzene	15.548	180	194534	26.308	ug/L	99

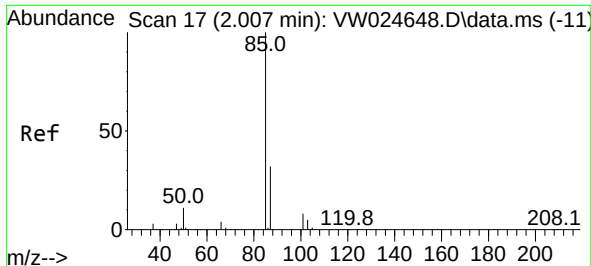
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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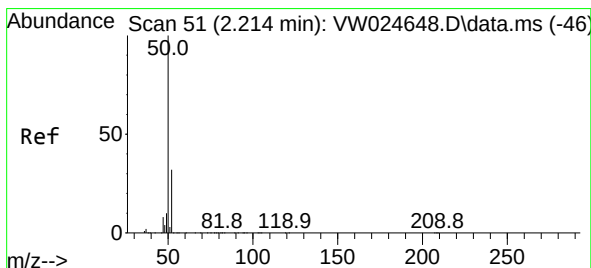
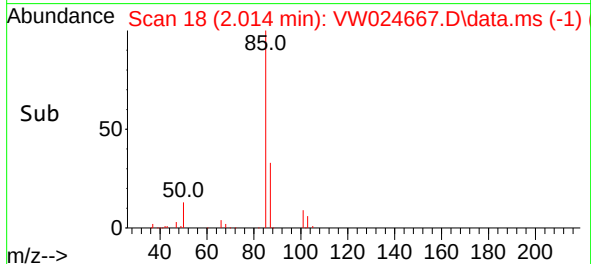
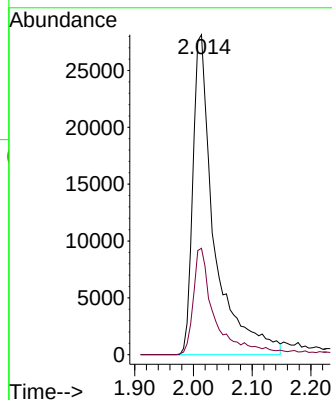
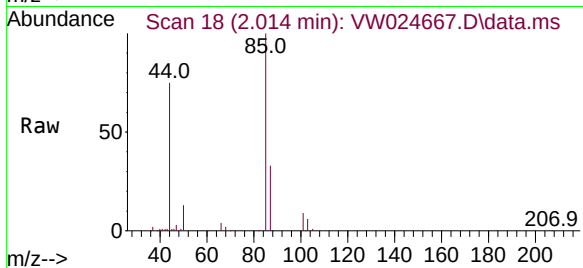




#2
 Dichlorodifluoromethane
 Concen: 21.430 ug/L
 RT: 2.014 min Scan# 18
 Delta R.T. 0.006 min
 Lab File: VW024667.D
 Acq: 28 Sep 2022 18:49

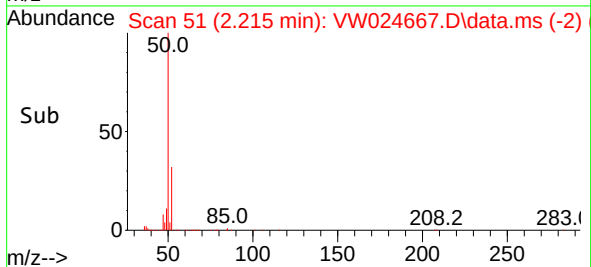
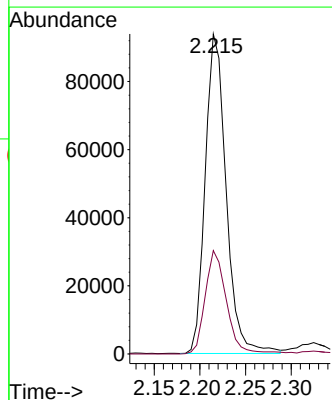
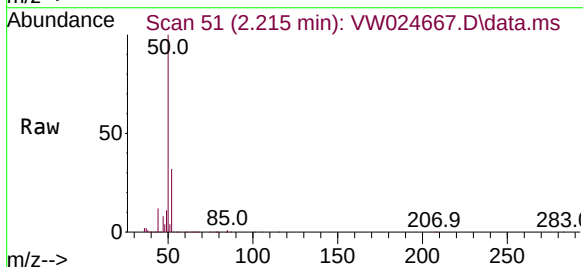
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 MSVOA_W
 ClientSampleId :
 VSTD025577

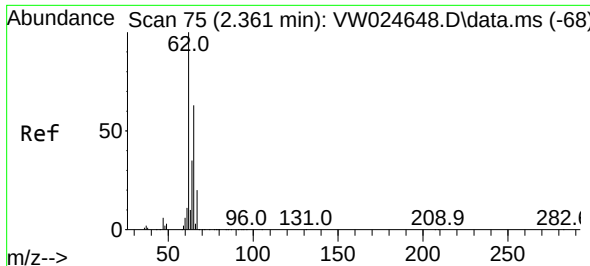
Tgt Ion: 85 Resp: 71466
 Ion Ratio Lower Upper
 85 100
 87 32.0 28.8 43.2



#3
 Chloromethane
 Concen: 22.964 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW024667.D
 Acq: 28 Sep 2022 18:49

Tgt Ion: 50 Resp: 149136
 Ion Ratio Lower Upper
 50 100
 52 32.3 21.7 40.3

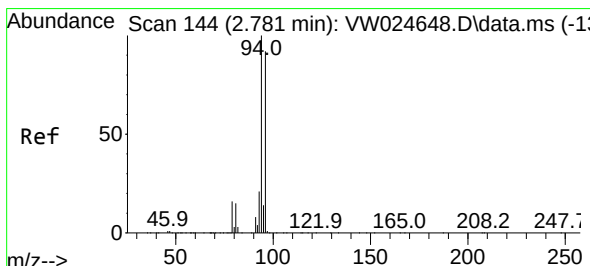
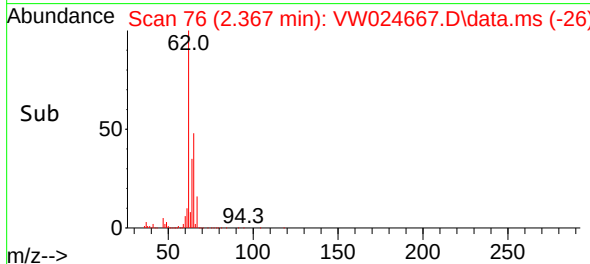
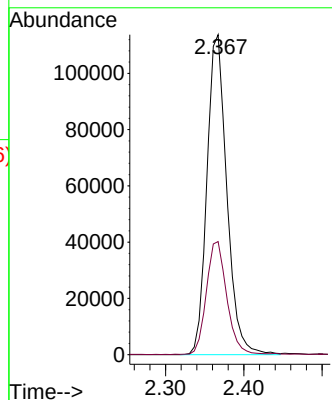
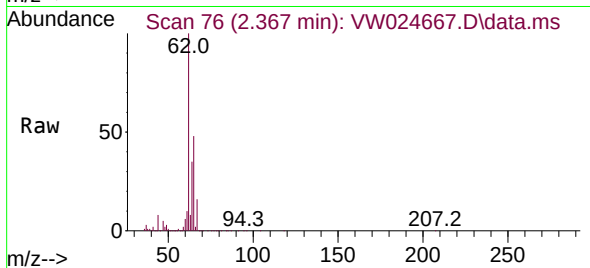




#5
 Vinyl chloride
 Concen: 30.000 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW024667.D
 Acq: 28 Sep 2022 18:49

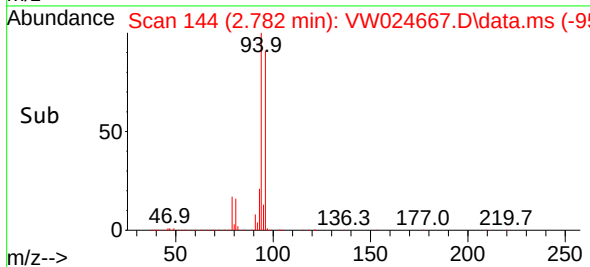
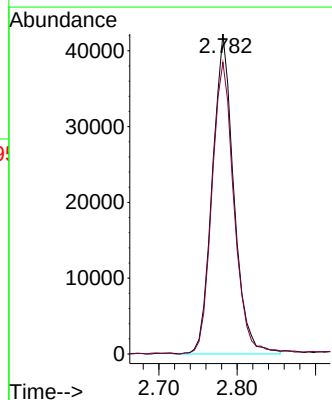
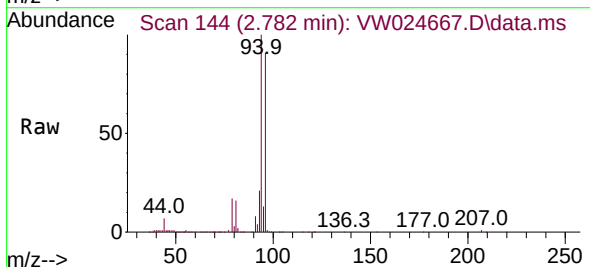
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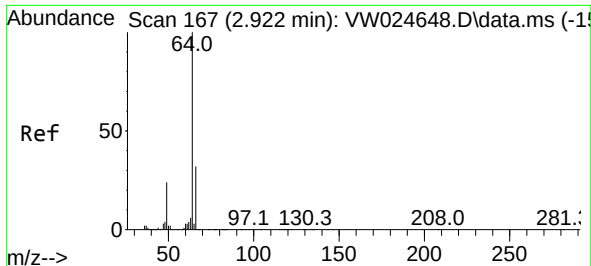
Tgt Ion: 62 Resp: 200317
 Ion Ratio Lower Upper
 62 100
 64 35.4 24.4 45.2



#6
 Bromomethane
 Concen: 26.063 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW024667.D
 Acq: 28 Sep 2022 18:49

Tgt Ion: 94 Resp: 80318
 Ion Ratio Lower Upper
 94 100
 96 91.2 68.0 126.2

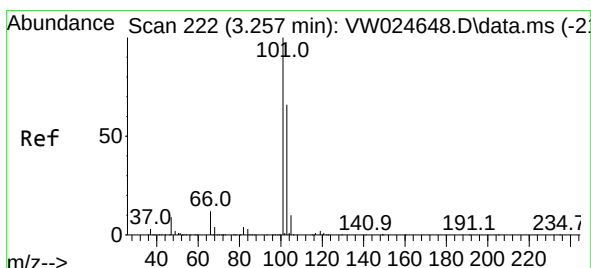
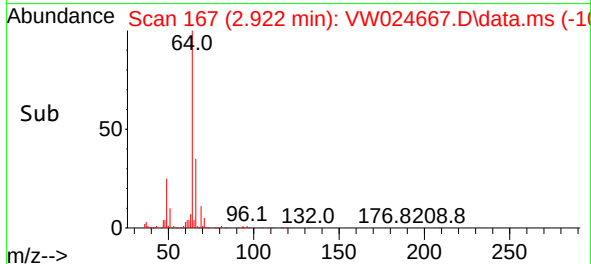
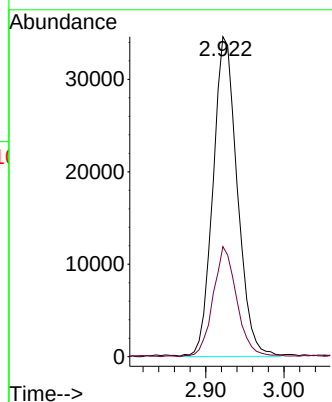
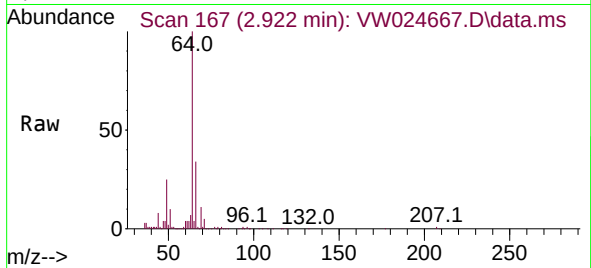




#8
Chloroethane
Concen: 26.533 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

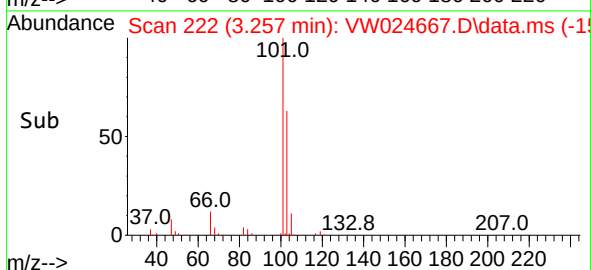
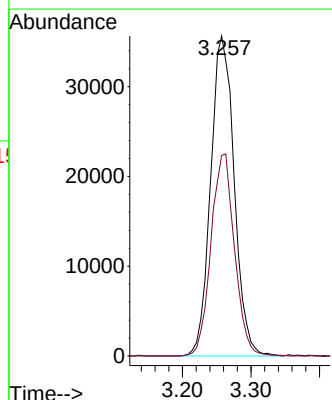
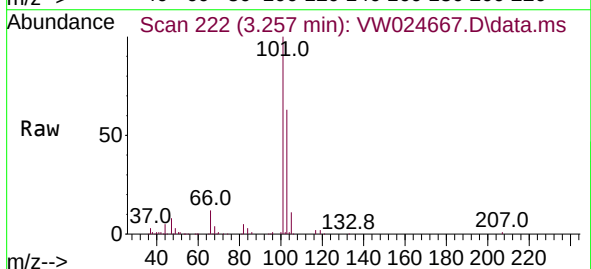
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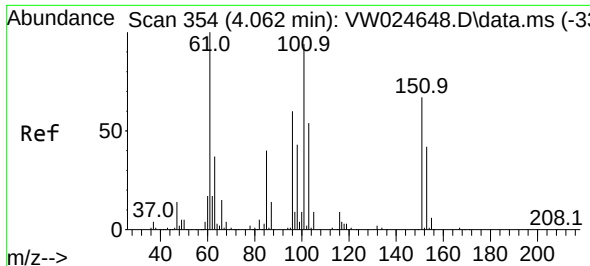
Tgt Ion: 64 Resp: 74691
Ion Ratio Lower Upper
64 100
66 34.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 22.771 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

Tgt Ion: 101 Resp: 85063
Ion Ratio Lower Upper
101 100
103 63.1 53.4 80.2

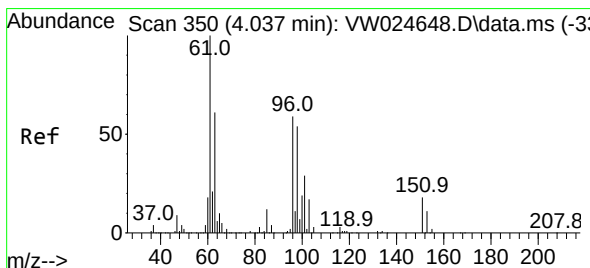
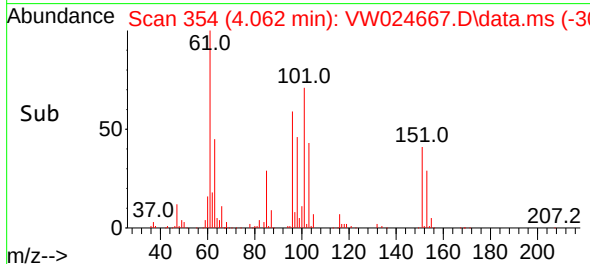
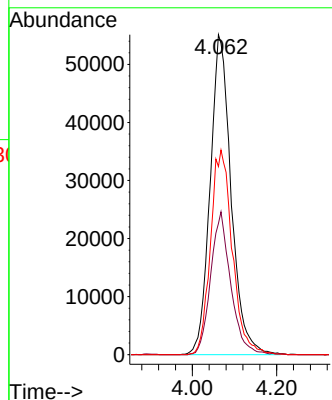
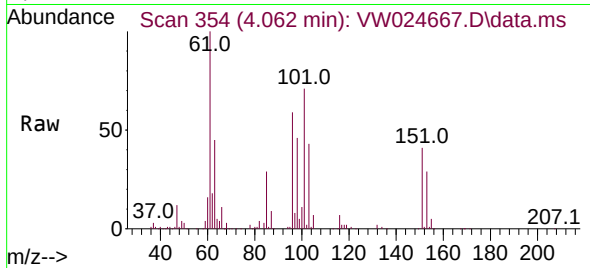




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.785 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW024667.D
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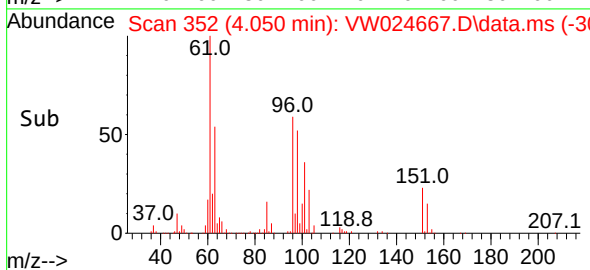
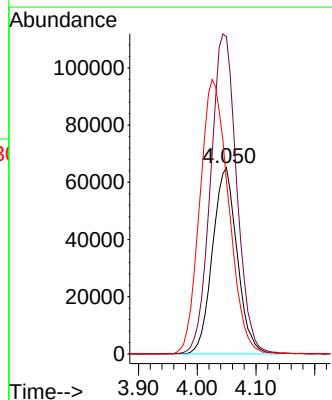
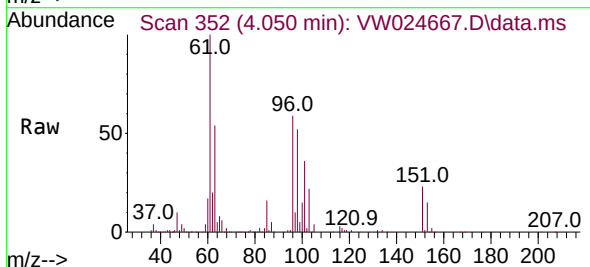
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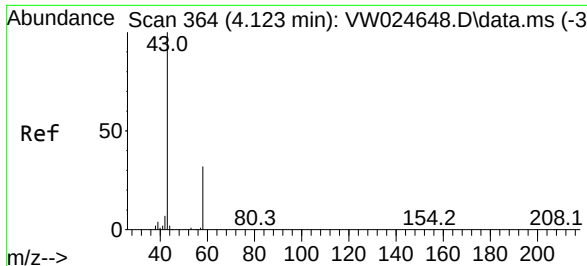
Tgt Ion:101 Resp: 190834
 Ion Ratio Lower Upper
 101 100
 85 42.3 34.9 52.3
 151 65.9 30.9 46.3#



#12
 1,1-Dichloroethene
 Concen: 26.757 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.012 min
 Lab File: VW024667.D
 Acq: 28 Sep 2022 18:49

Tgt Ion: 96 Resp: 190132
 Ion Ratio Lower Upper
 96 100
 61 170.2 124.5 231.1
 63 92.7 84.1 156.1

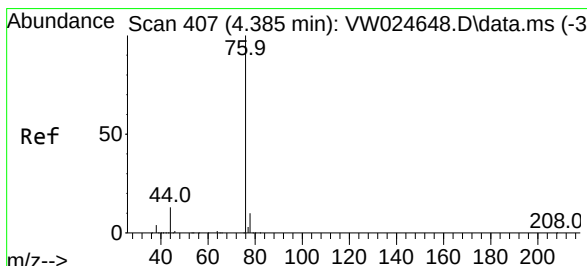
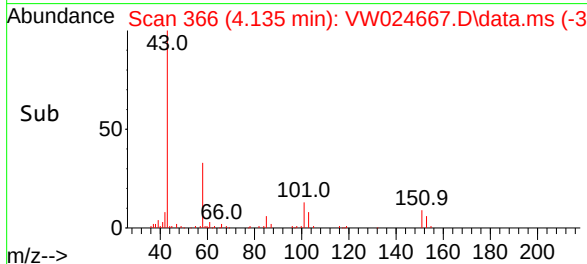
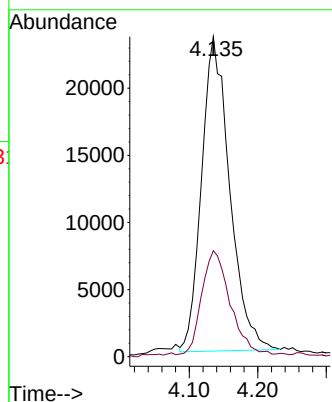
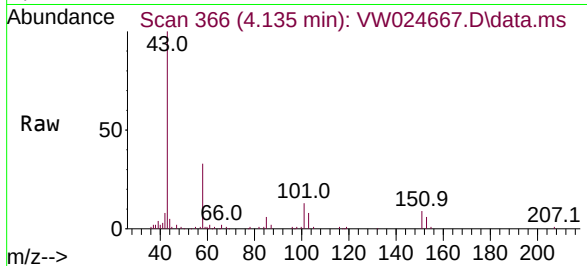




#13
Acetone
Concen: 44.878 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

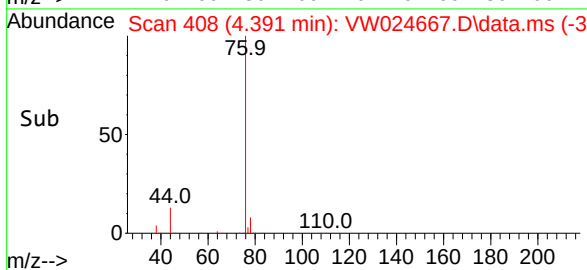
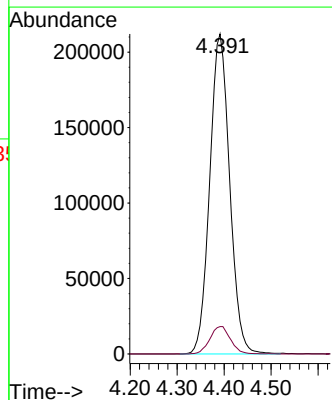
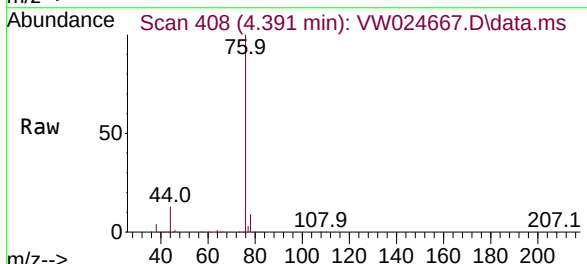
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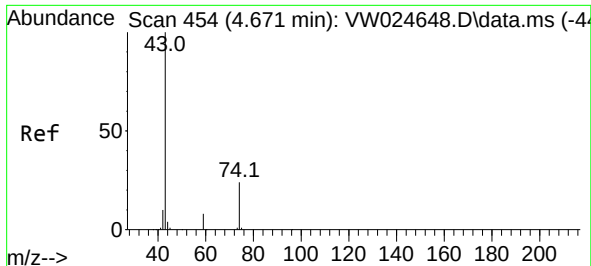
Tgt Ion: 43 Resp: 66902
Ion Ratio Lower Upper
43 100
58 34.2 0.0 67.6



#14
Carbon disulfide
Concen: 27.828 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 624254
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

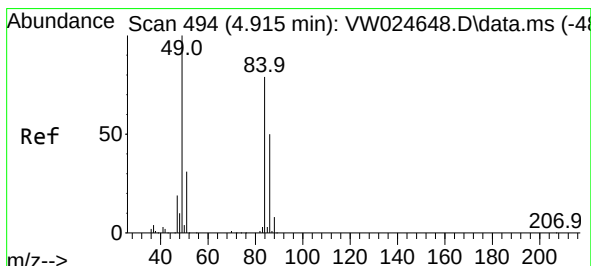
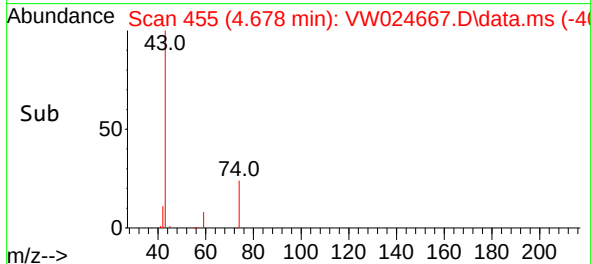
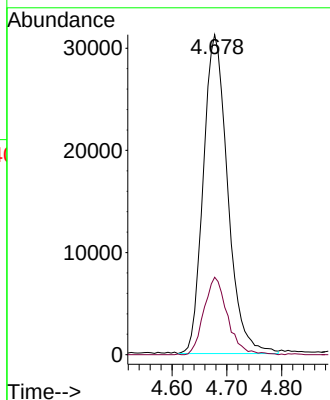
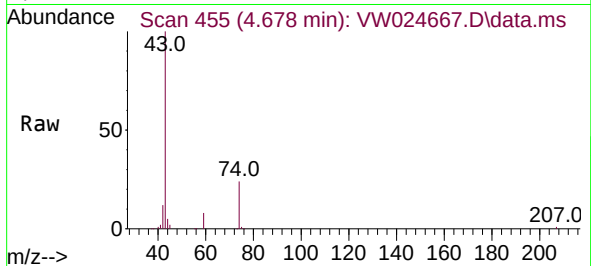




#15
Methyl Acetate
Concen: 29.194 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

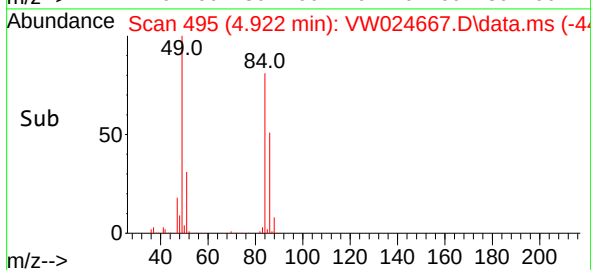
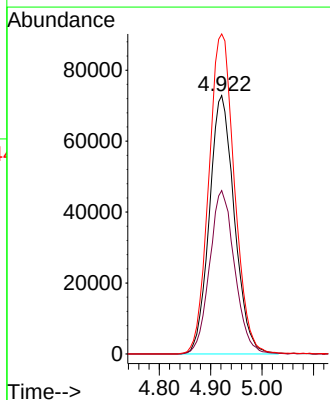
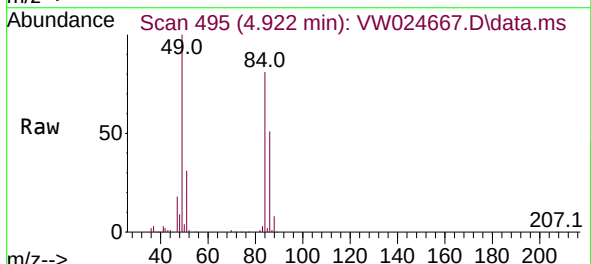
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

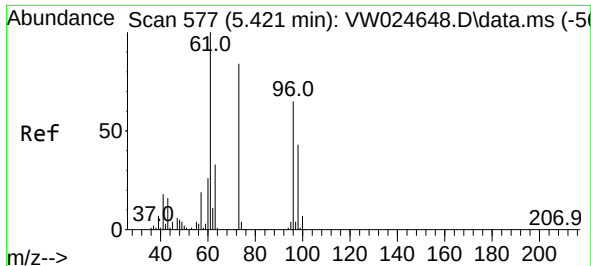
Tgt Ion: 43 Resp: 96367
Ion Ratio Lower Upper
43 100
74 22.9 18.1 27.1



#16
Methylene chloride
Concen: 23.102 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

Tgt Ion: 84 Resp: 246448
Ion Ratio Lower Upper
84 100
86 63.2 44.0 81.8
49 123.9 87.4 162.2

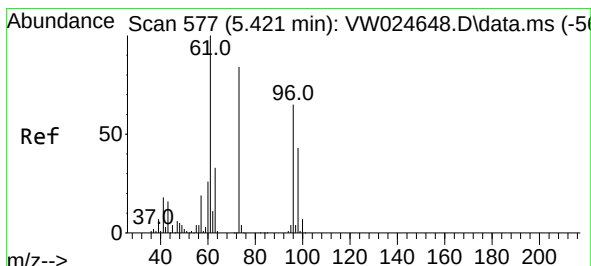
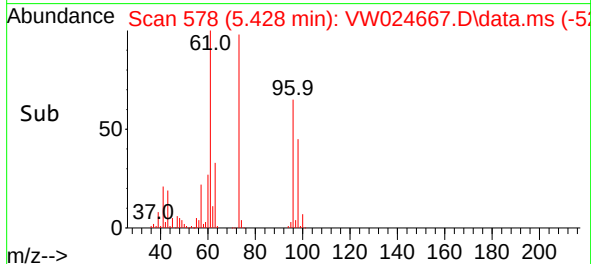
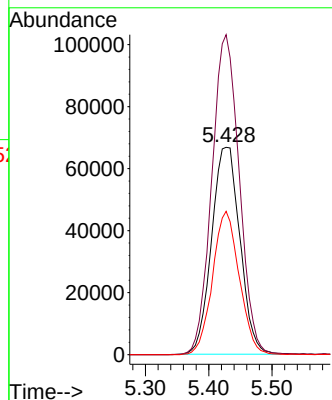
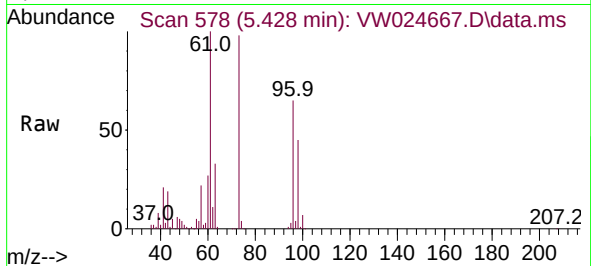




#17
trans-1,2-Dichloroethene
Concen: 26.010 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

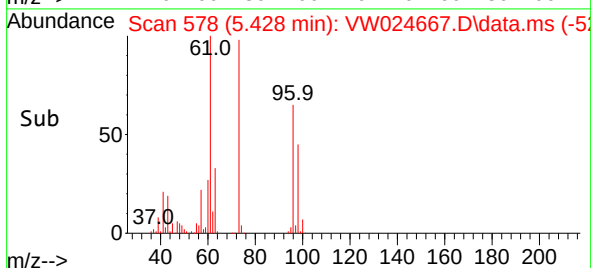
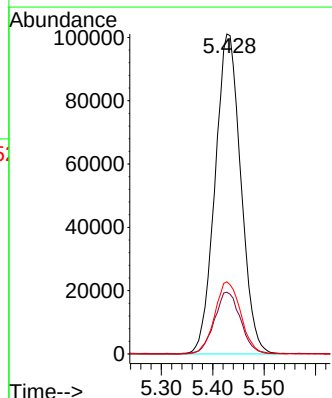
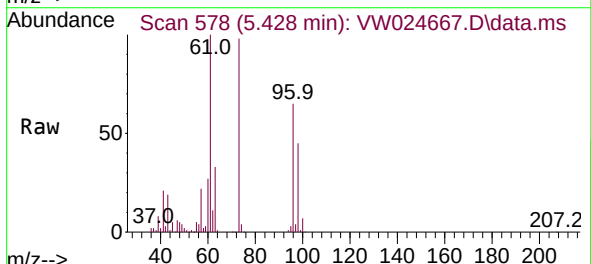
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

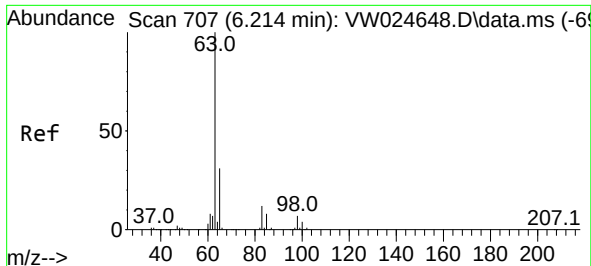
Tgt Ion: 96 Resp: 207665
Ion Ratio Lower Upper
96 100
61 154.3 106.3 197.5
98 69.1 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 27.771 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

Tgt Ion: 73 Resp: 351558
Ion Ratio Lower Upper
73 100
43 19.5 15.6 23.4
57 22.8 18.3 27.5

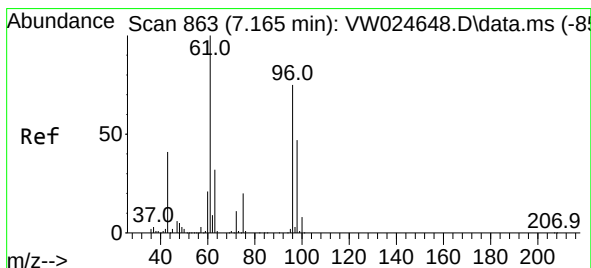
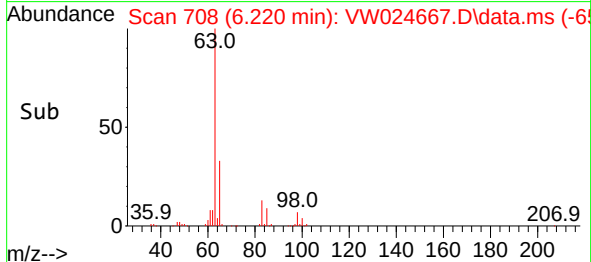
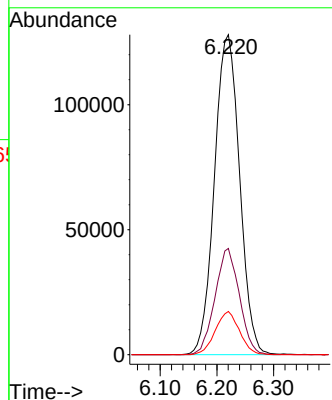
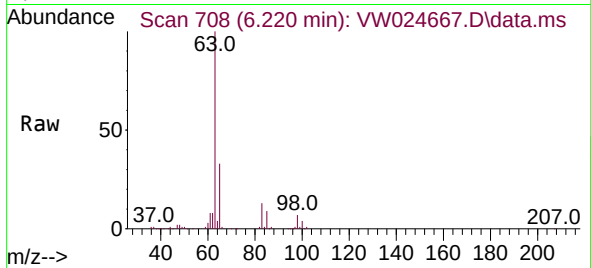




#19
1,1-Dichloroethane
Concen: 26.413 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

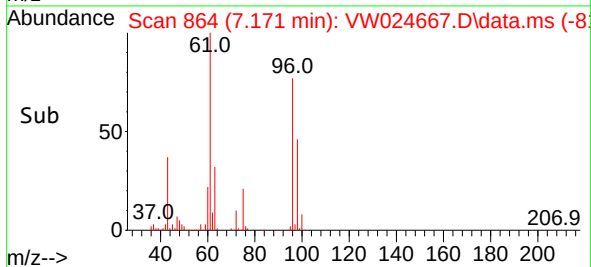
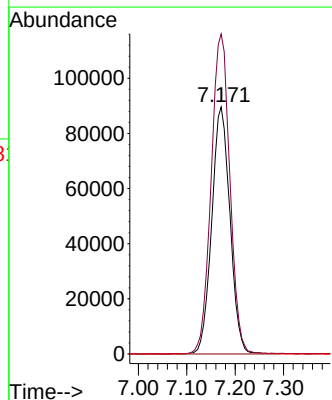
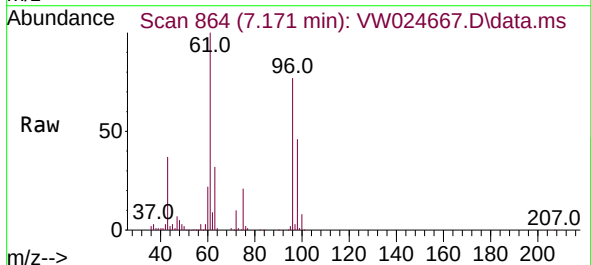
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

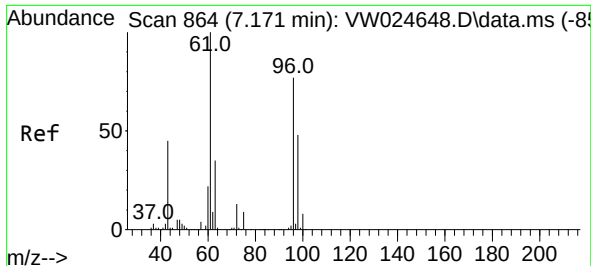
Tgt Ion: 63 Resp: 394549
Ion Ratio Lower Upper
63 100
65 33.2 23.7 43.9
83 13.5 9.4 17.6



#20
cis-1,2-Dichloroethene
Concen: 27.339 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

Tgt Ion: 96 Resp: 234207
Ion Ratio Lower Upper
96 100
61 129.5 90.2 167.4
68 0.0 0.0 0.0

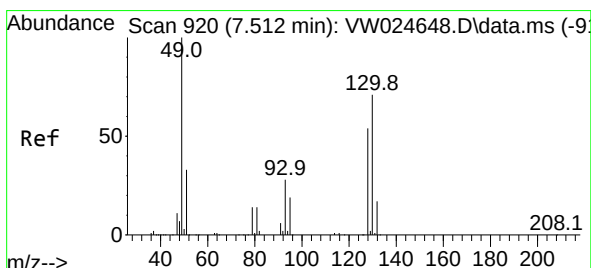
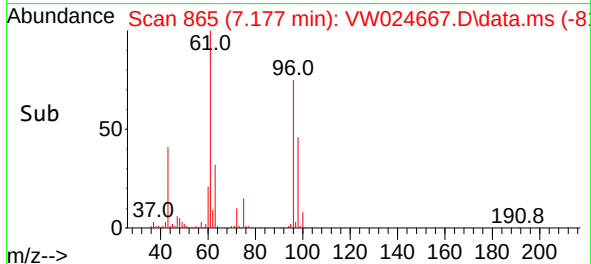
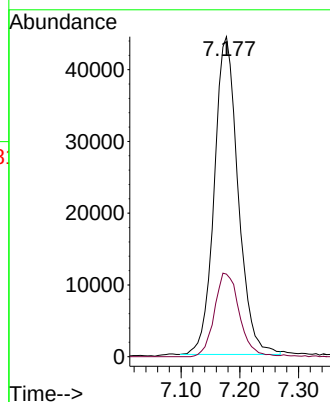
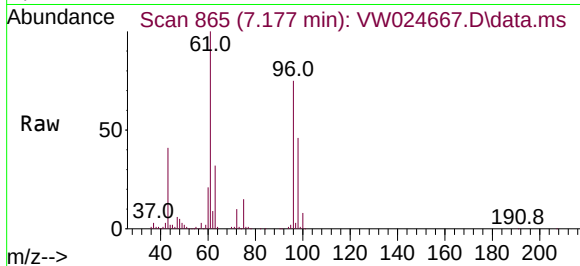




#22
2-Butanone
Concen: 52.383 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

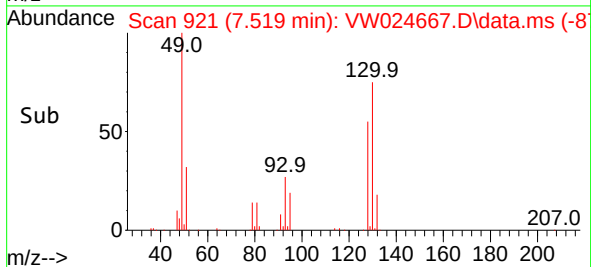
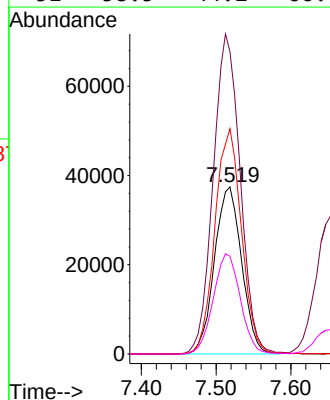
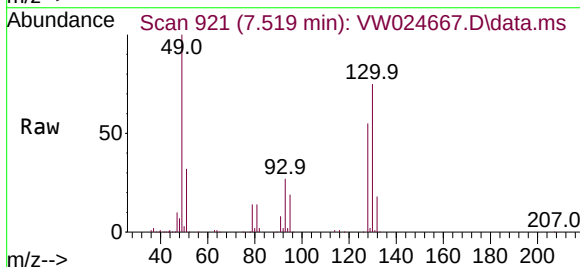
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

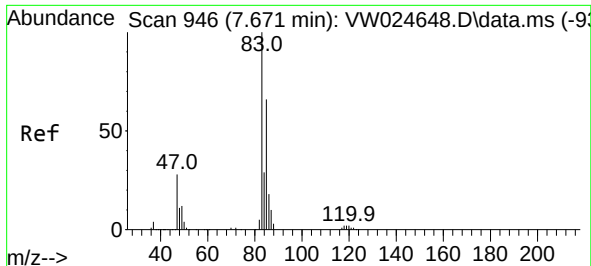
Tgt Ion: 43 Resp: 124906
Ion Ratio Lower Upper
43 100
72 27.5 13.8 41.3



#23
Bromochloromethane
Concen: 27.242 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

Tgt Ion: 128 Resp: 94849
Ion Ratio Lower Upper
128 100
49 180.9 127.3 236.3
130 134.9 90.2 167.4
51 58.5 44.2 66.4

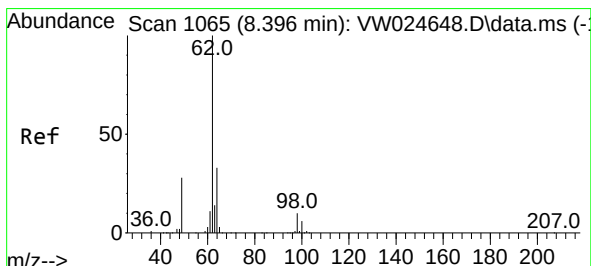
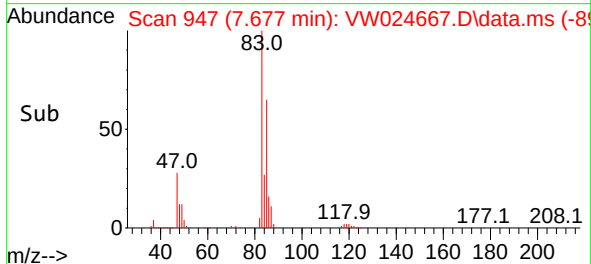
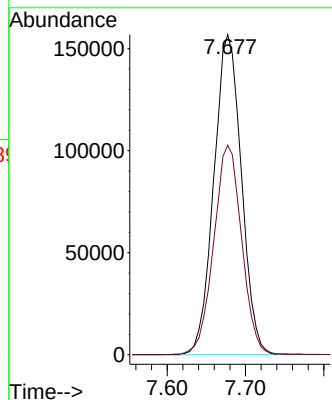
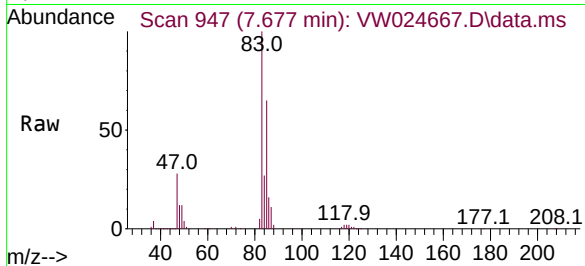




#25
Chloroform
Concen: 27.063 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

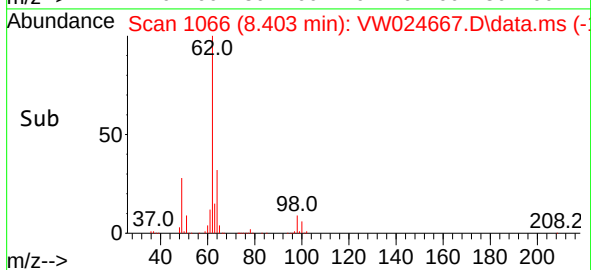
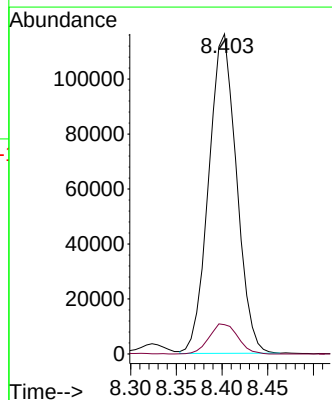
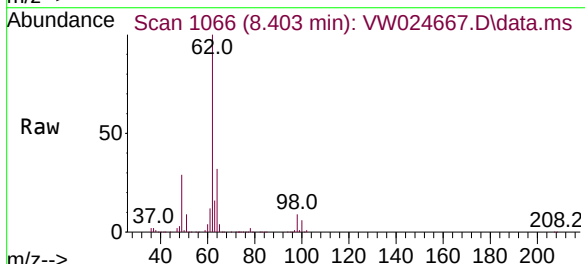
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

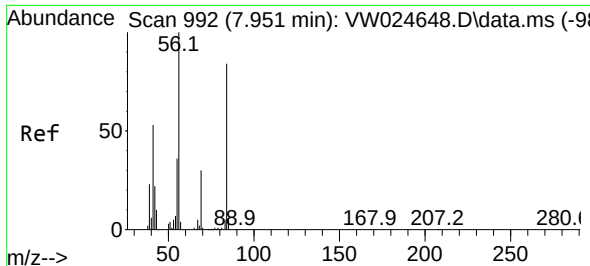
Tgt Ion: 83 Resp: 383332
Ion Ratio Lower Upper
83 100
85 65.4 44.0 81.8



#27
1,2-Dichloroethane
Concen: 27.565 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

Tgt Ion: 62 Resp: 245690
Ion Ratio Lower Upper
62 100
98 9.1 7.8 11.8





#29

Cyclohexane

Concen: 24.352 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW024667.D

Acq: 28 Sep 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025577

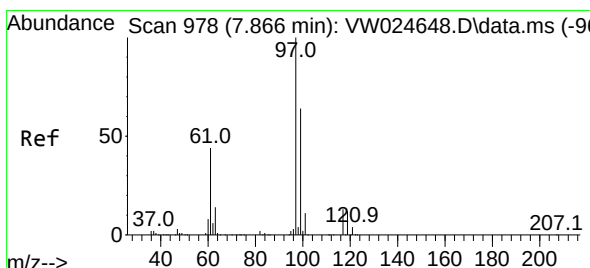
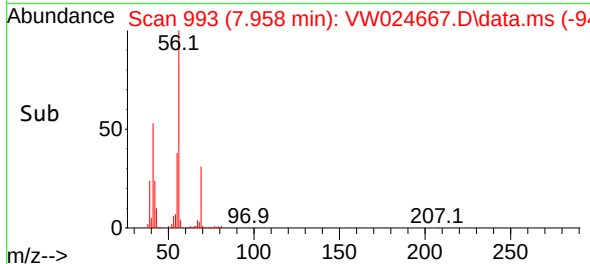
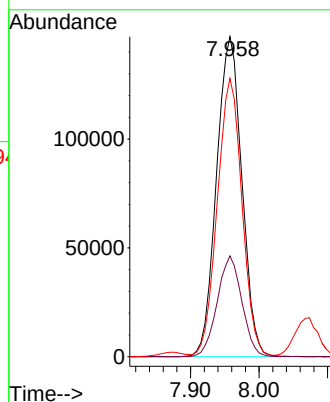
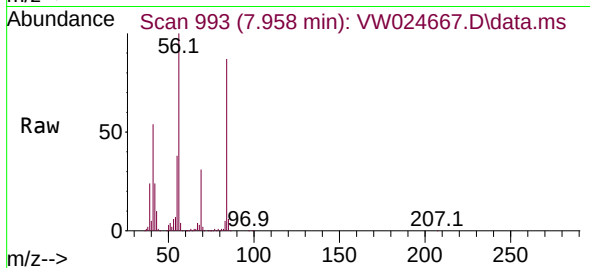
Tgt Ion: 56 Resp: 376716

Ion Ratio Lower Upper

56 100

69 30.6 25.0 37.4

84 85.0 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 25.246 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW024667.D

Acq: 28 Sep 2022 18:49

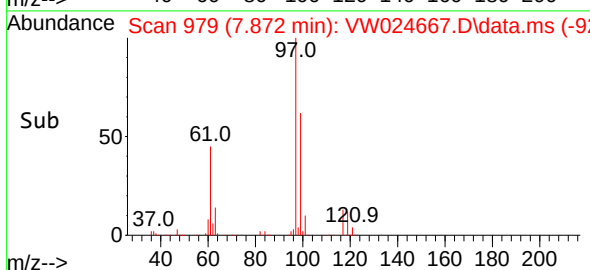
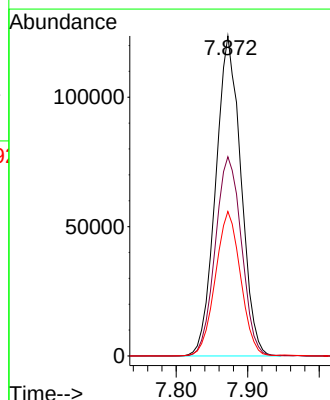
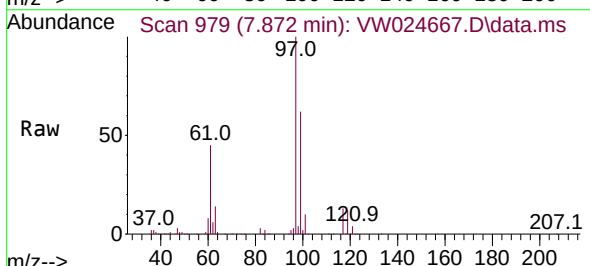
Tgt Ion: 97 Resp: 303417

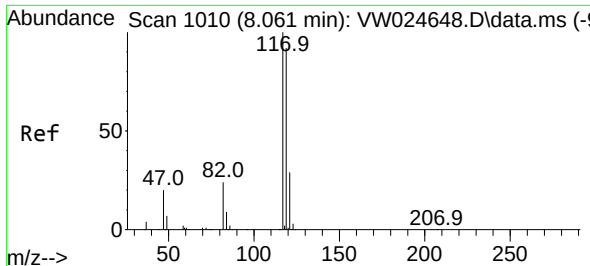
Ion Ratio Lower Upper

97 100

99 64.5 51.1 76.7

61 44.9 35.8 53.6

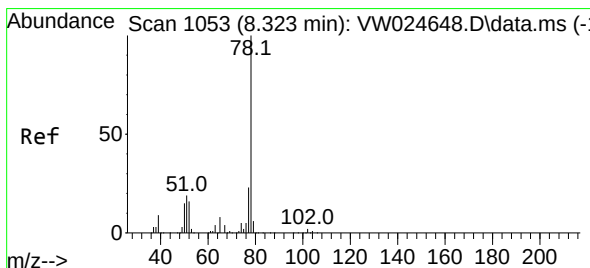
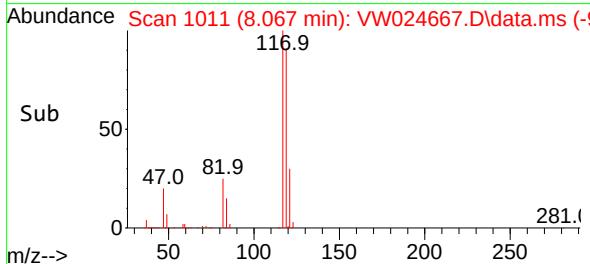
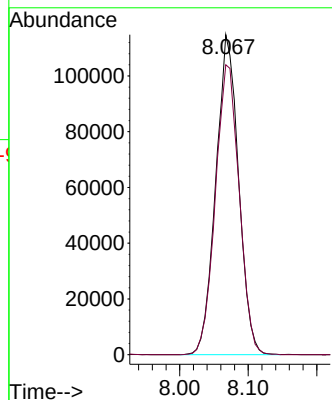
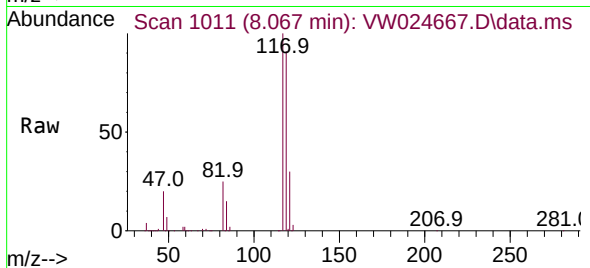




#31
Carbon tetrachloride
Concen: 25.957 ug/L
RT: 8.067 min Scan# 1010
Delta R.T. 0.006 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

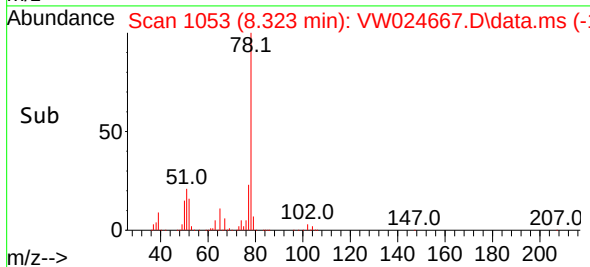
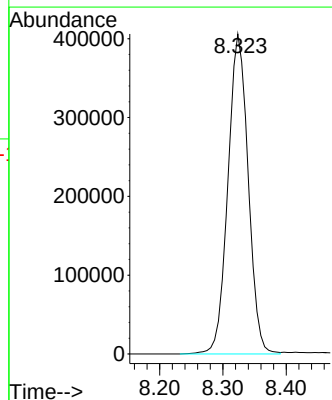
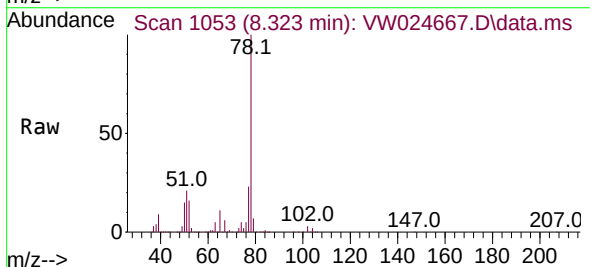
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

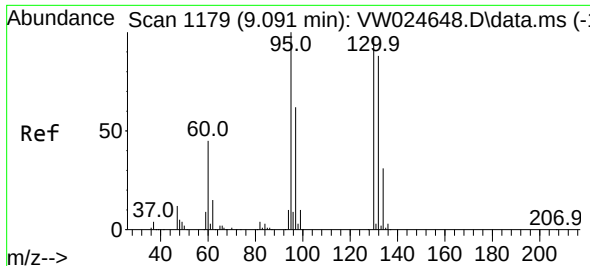
Tgt Ion:117 Resp: 264176
Ion Ratio Lower Upper
117 100
119 94.9 76.2 114.2



#33
Benzene
Concen: 25.983 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

Tgt Ion: 78 Resp: 903254

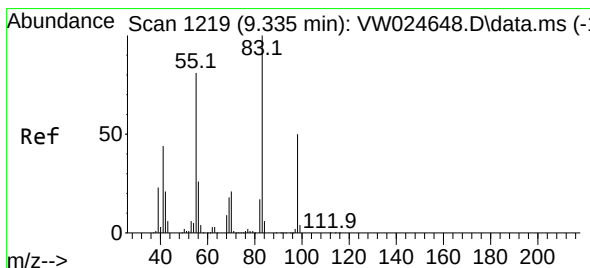
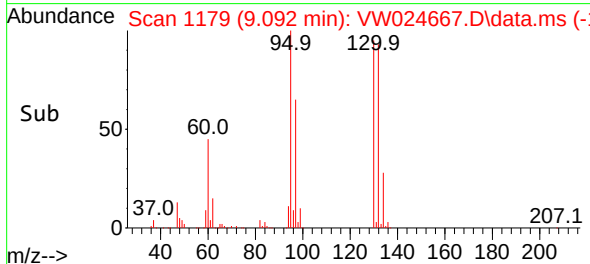
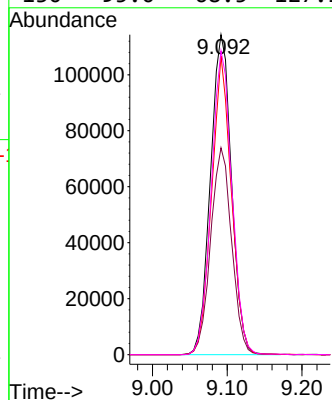
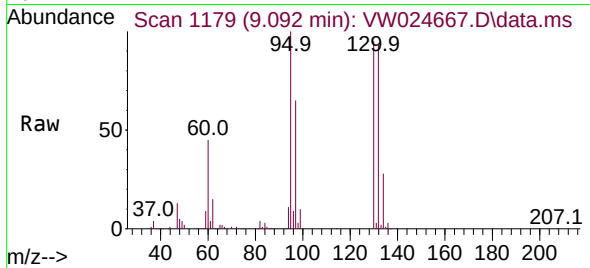




#34
Trichloroethene
Concen: 25.471 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

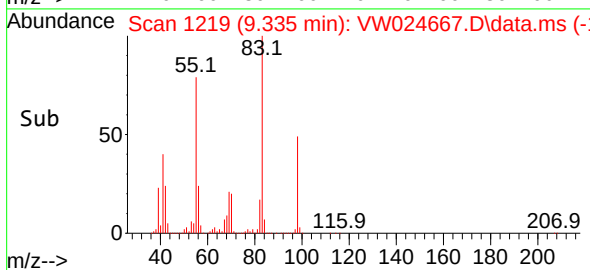
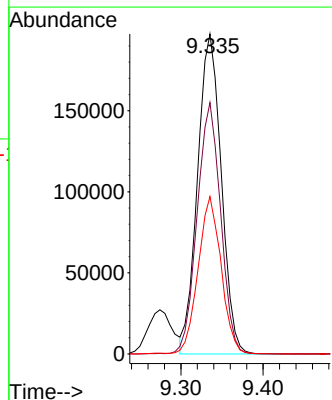
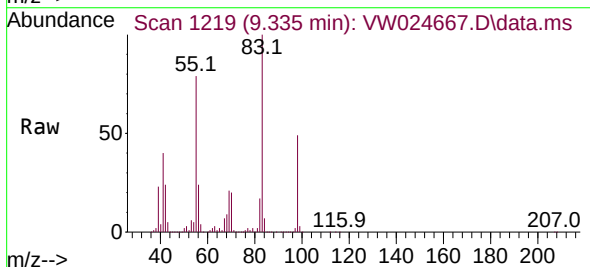
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

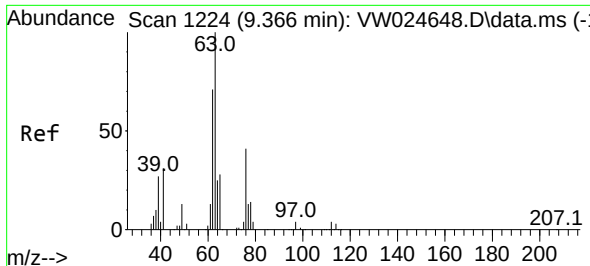
Tgt Ion: 95 Resp: 224420
Ion Ratio Lower Upper
95 100
97 64.7 43.5 80.9
132 93.4 61.2 113.8
130 95.0 68.5 127.1



#35
Methylcyclohexane
Concen: 24.448 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

Tgt Ion: 83 Resp: 394880
Ion Ratio Lower Upper
83 100
55 77.8 63.1 94.7
98 47.8 38.3 57.5





#37

1,2-Dichloropropane

Concen: 26.511 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024667.D

Acq: 28 Sep 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

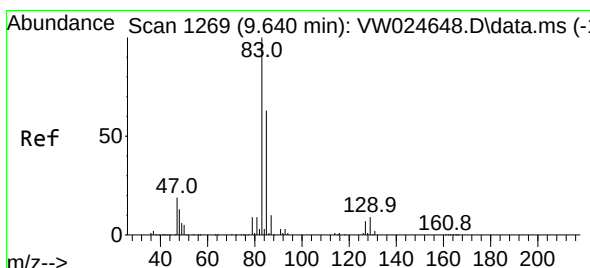
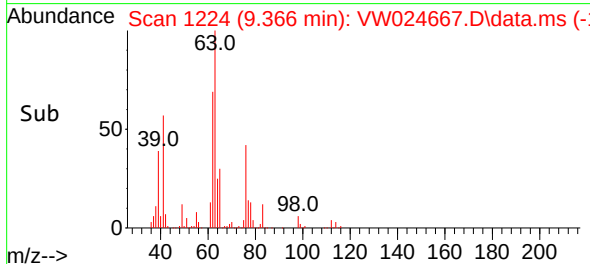
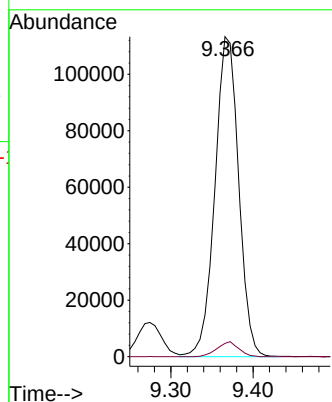
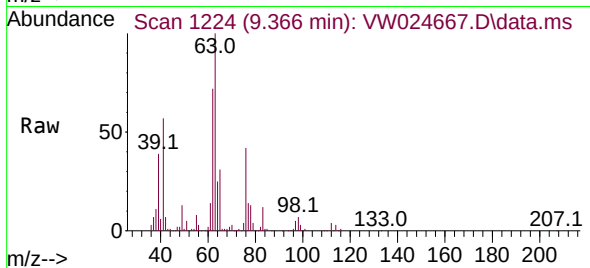
VSTD025577

Tgt Ion: 63 Resp: 227521

Ion Ratio Lower Upper

63 100

112 4.2 3.6 5.4



#38

Bromodichloromethane

Concen: 26.622 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024667.D

Acq: 28 Sep 2022 18:49

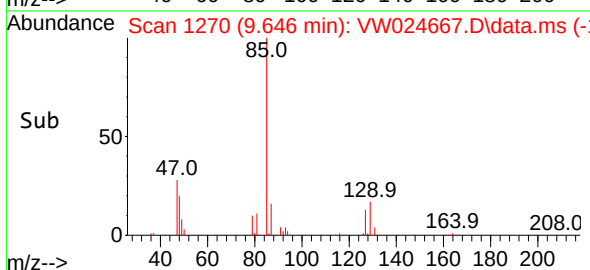
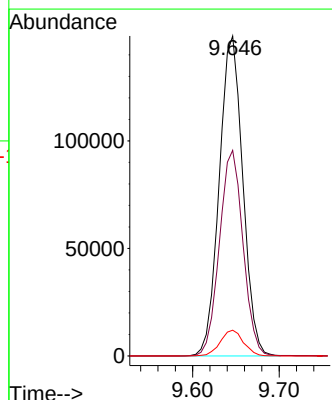
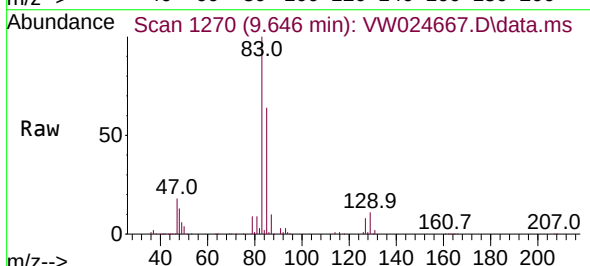
Tgt Ion: 83 Resp: 281038

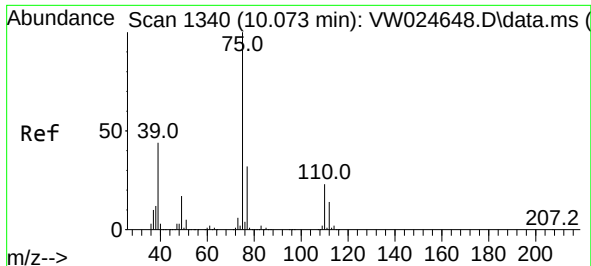
Ion Ratio Lower Upper

83 100

85 64.2 45.6 84.8

127 8.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 25.533 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024667.D

Acq: 28 Sep 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

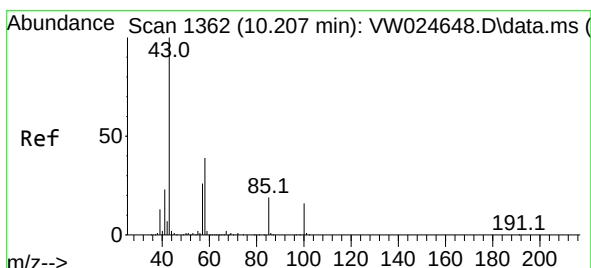
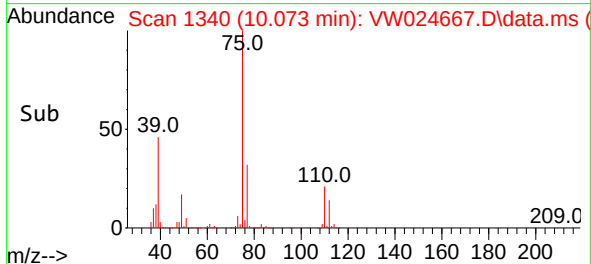
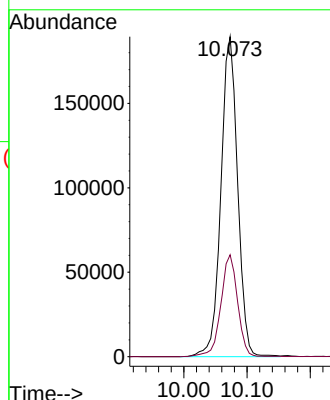
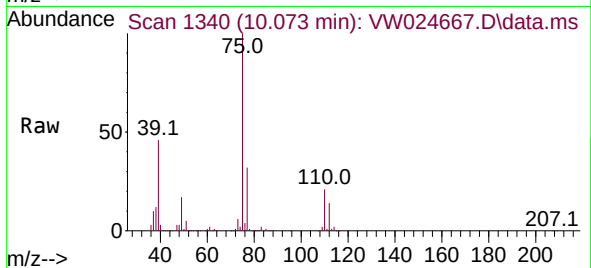
VSTD025577

Tgt Ion: 75 Resp: 346512

Ion Ratio Lower Upper

75 100

77 31.9 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 55.222 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024667.D

Acq: 28 Sep 2022 18:49

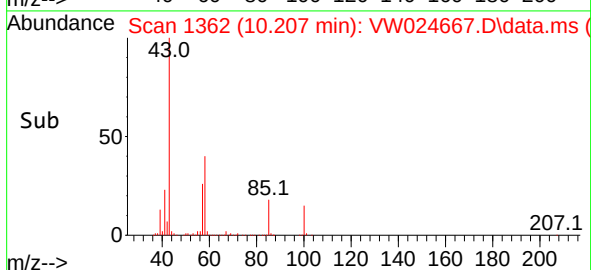
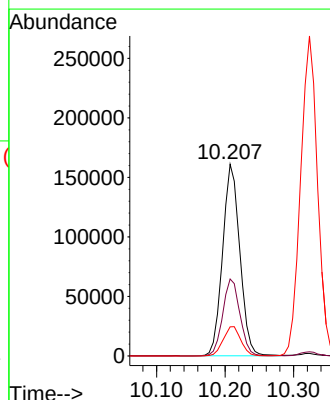
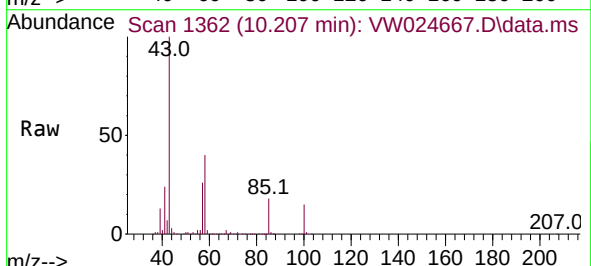
Tgt Ion: 43 Resp: 280514

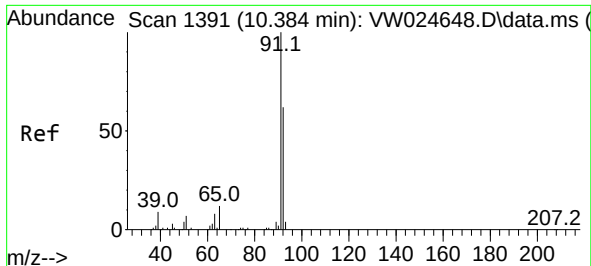
Ion Ratio Lower Upper

43 100

58 40.3 32.9 49.3

100 15.7 12.6 19.0





#42

Toluene

Concen: 25.749 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024667.D

Acq: 28 Sep 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

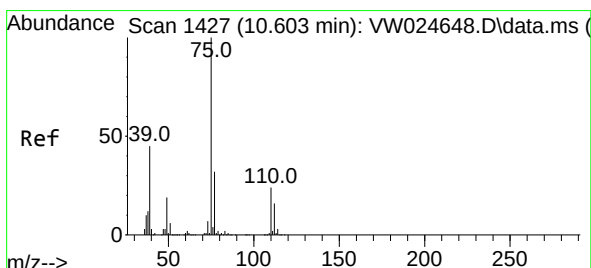
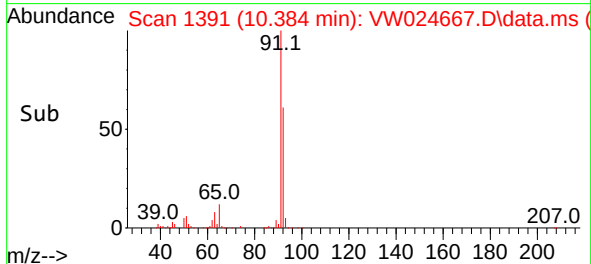
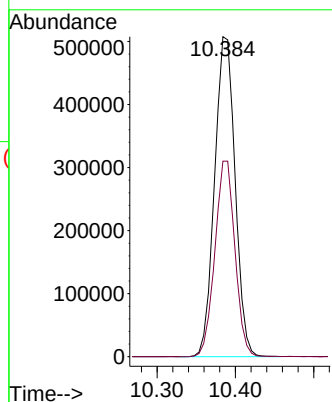
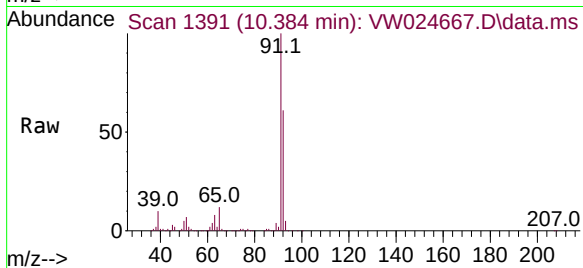
VSTD025577

Tgt Ion: 91 Resp: 924366

Ion Ratio Lower Upper

91 100

92 61.1 41.0 76.2



#44

trans-1,3-Dichloropropene

Concen: 25.550 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW024667.D

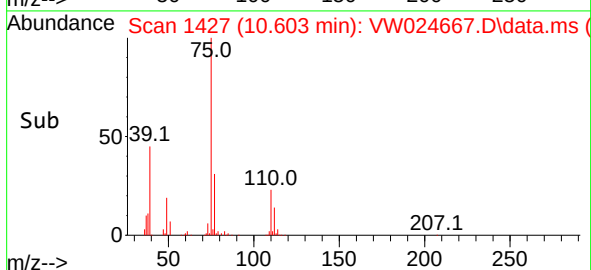
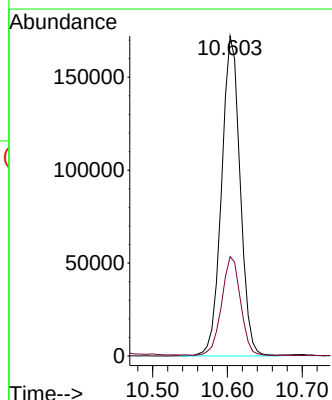
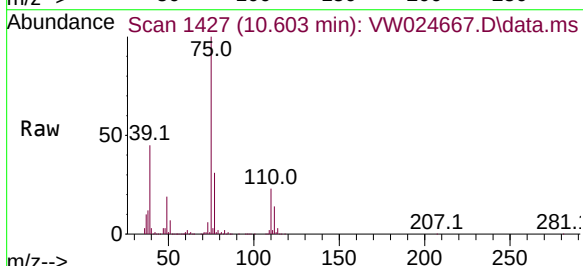
Acq: 28 Sep 2022 18:49

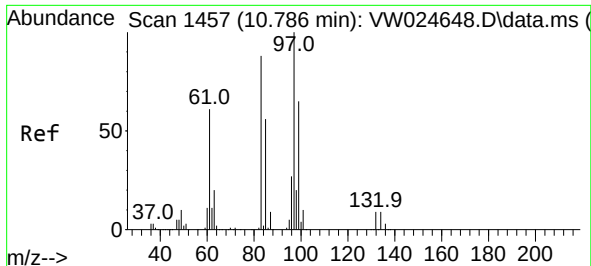
Tgt Ion: 75 Resp: 297277

Ion Ratio Lower Upper

75 100

77 31.1 21.3 39.6



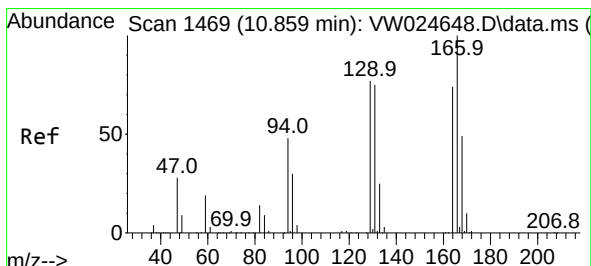
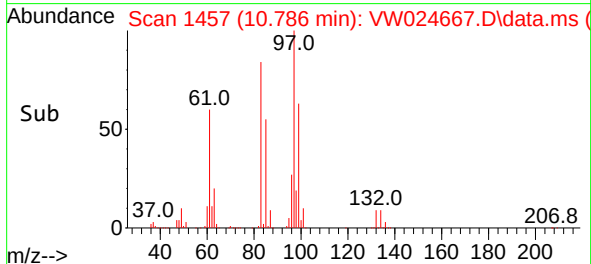
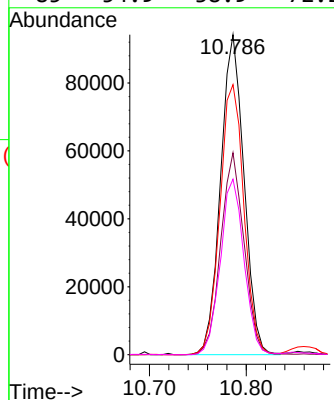
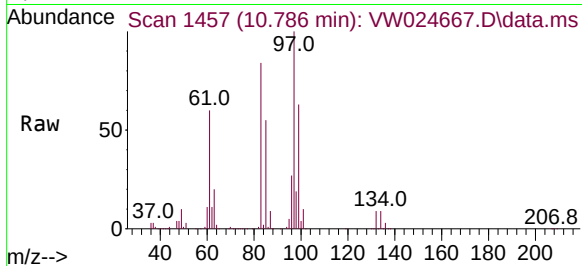


#45
1,1,2-Trichloroethane
Concen: 27.013 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

Tgt Ion: 97 Resp: 158351

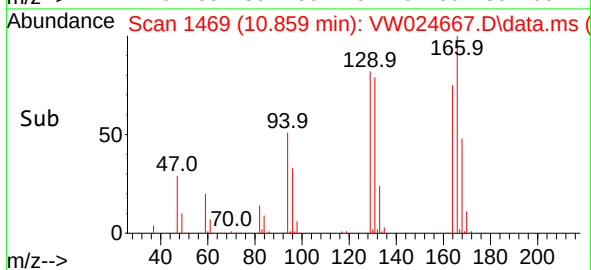
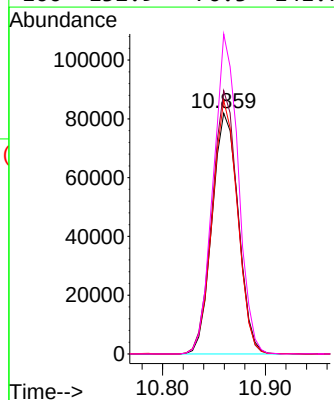
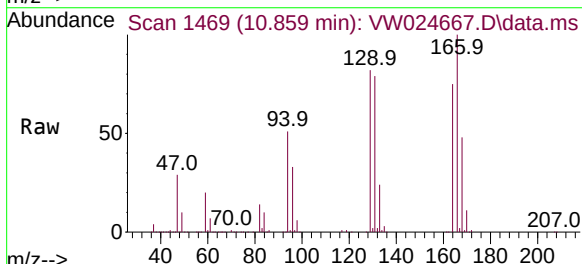
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.8	81.4
83	84.4	60.1	111.5
85	54.9	38.9	72.2

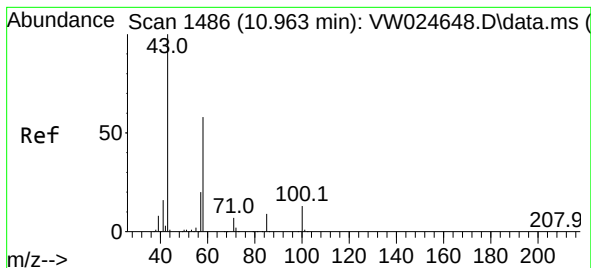


#46
Tetrachloroethene
Concen: 24.246 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

Tgt Ion: 164 Resp: 145150

Ion	Ratio	Lower	Upper
164	100		
129	109.3	74.1	137.5
131	105.3	71.5	132.7
166	132.9	76.3	141.7





#48

2-Hexanone

Concen: 54.949 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.006 min

Lab File: VW024667.D

Acq: 28 Sep 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025577

Tgt Ion: 43 Resp: 188749

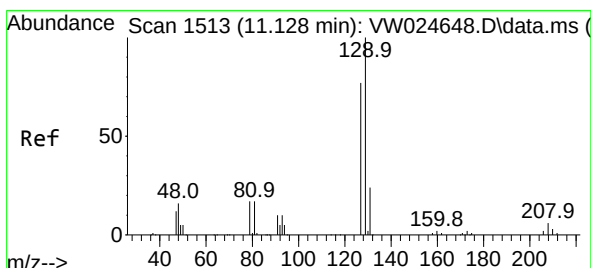
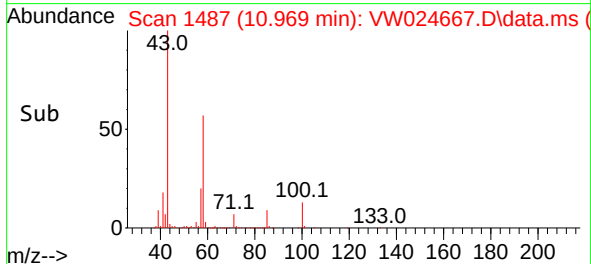
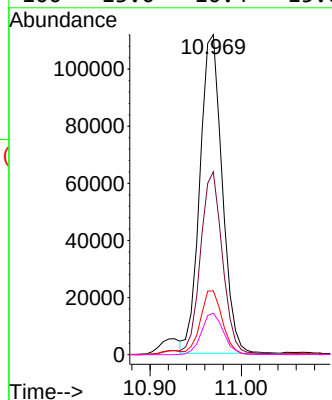
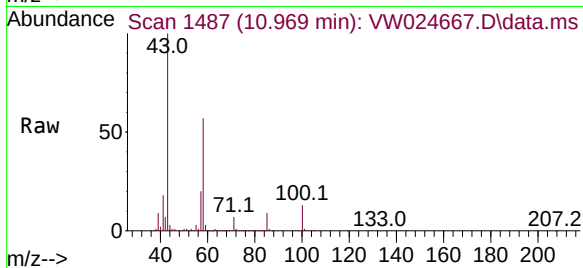
Ion Ratio Lower Upper

43 100

58 56.7 45.3 67.9

57 20.0 16.3 24.5

100 13.0 10.4 15.6



#49

Dibromochloromethane

Concen: 27.303 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW024667.D

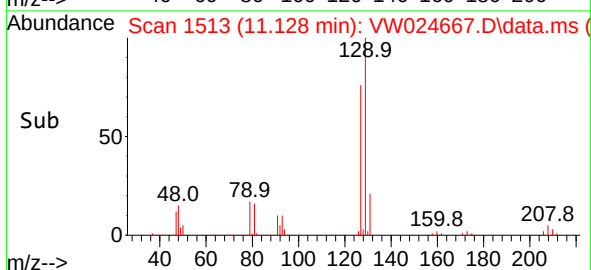
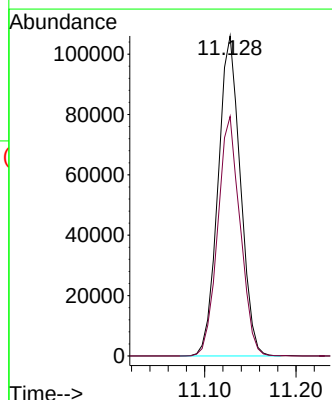
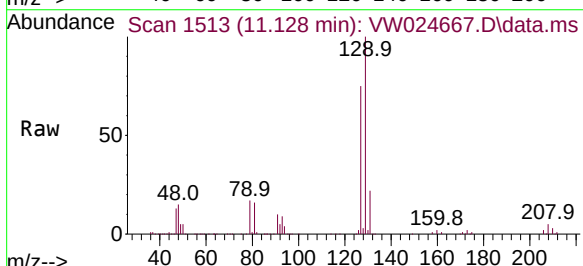
Acq: 28 Sep 2022 18:49

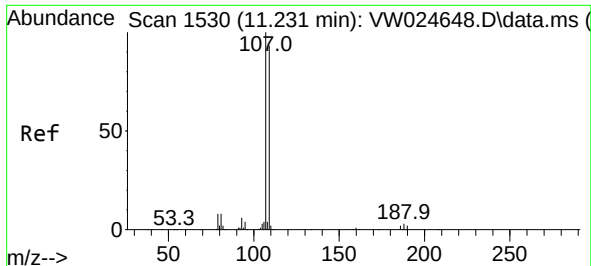
Tgt Ion:129 Resp: 180221

Ion Ratio Lower Upper

129 100

127 74.9 52.4 97.4





#50

1,2-Dibromoethane

Concen: 26.946 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW024667.D

Acq: 28 Sep 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025577

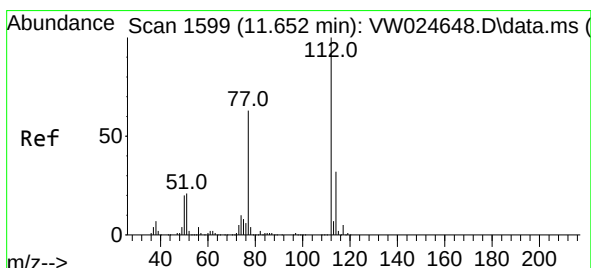
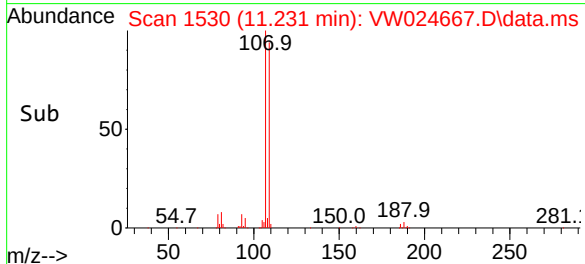
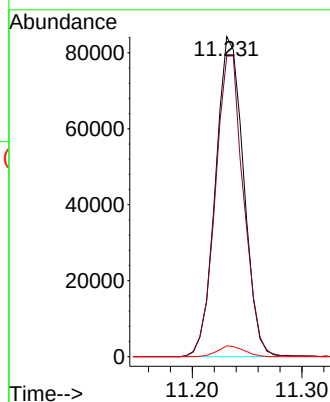
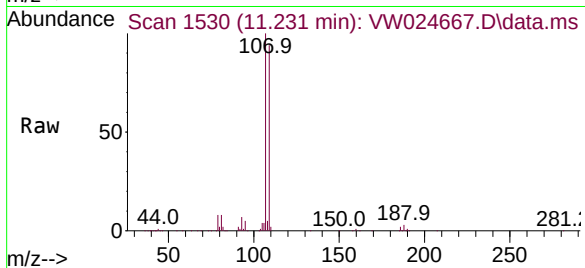
Tgt Ion:107 Resp: 149511

Ion Ratio Lower Upper

107 100

109 93.9 65.5 121.7

188 3.4 2.4 3.6



#51

Chlorobenzene

Concen: 26.080 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VW024667.D

Acq: 28 Sep 2022 18:49

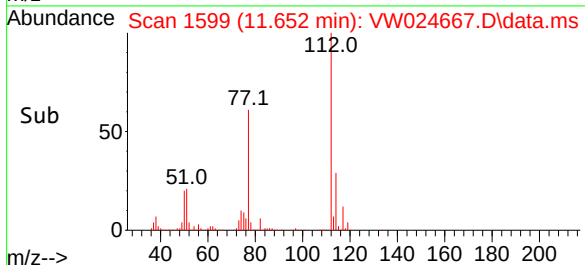
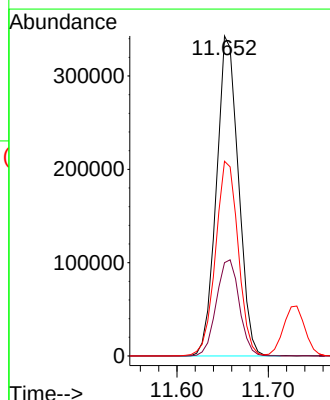
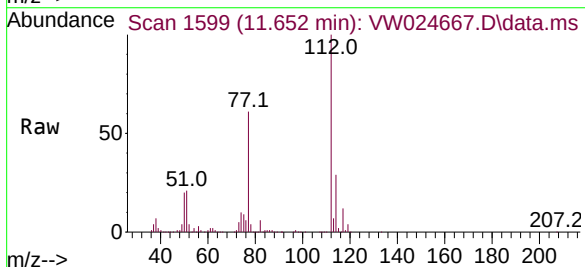
Tgt Ion:112 Resp: 573240

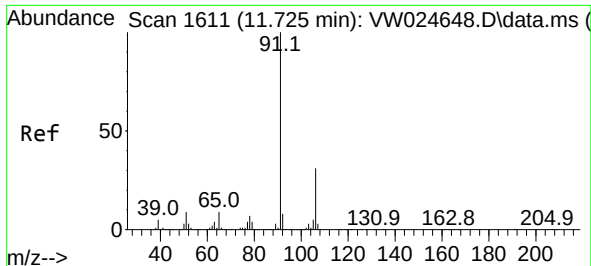
Ion Ratio Lower Upper

112 100

114 29.2 23.3 43.3

77 60.8 49.1 73.7

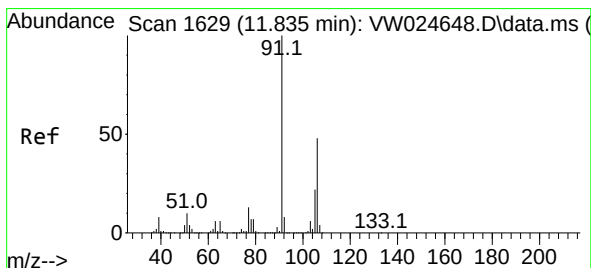
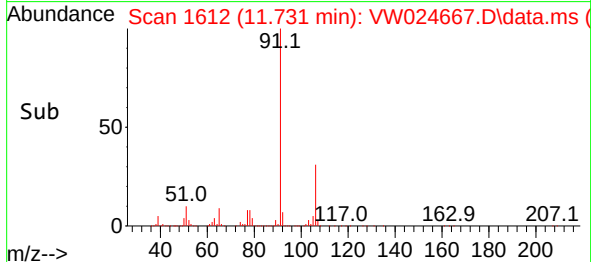
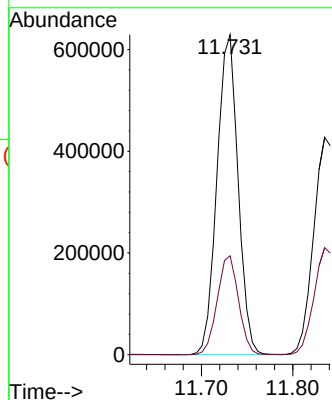
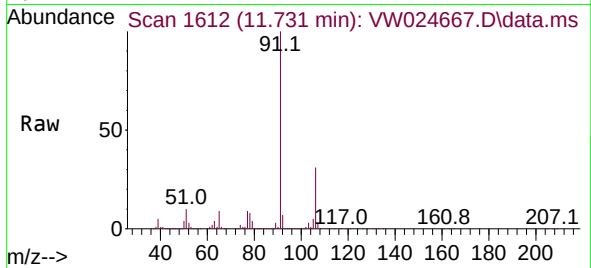




#52
Ethylbenzene
Concen: 25.544 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

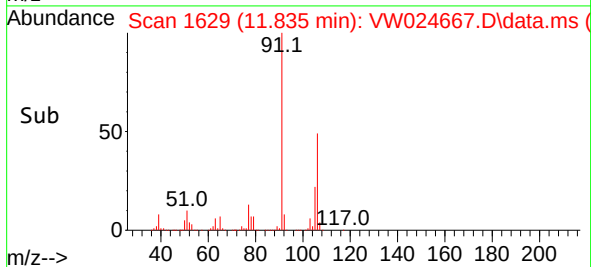
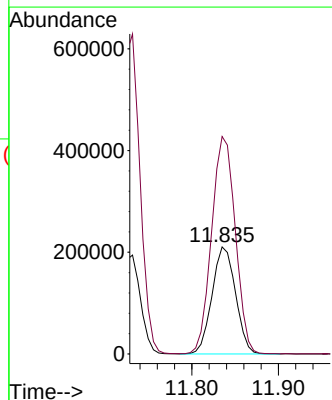
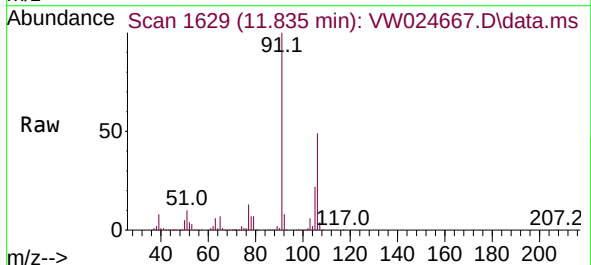
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

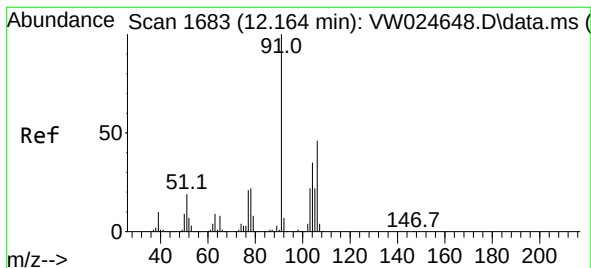
Tgt Ion: 91 Resp: 1010042
Ion Ratio Lower Upper
91 100
106 30.9 21.5 39.9



#53
m,p-Xylene
Concen: 25.692 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

Tgt Ion:106 Resp: 396700
Ion Ratio Lower Upper
106 100
91 203.2 146.8 272.6





#54

o-Xylene

Concen: 25.954 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024667.D

Acq: 28 Sep 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

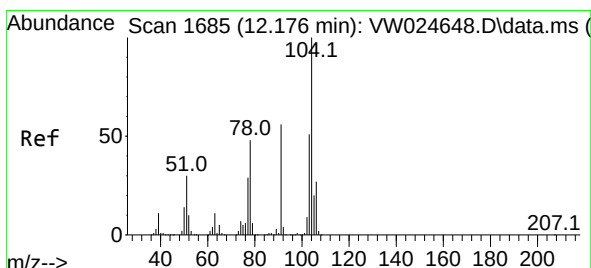
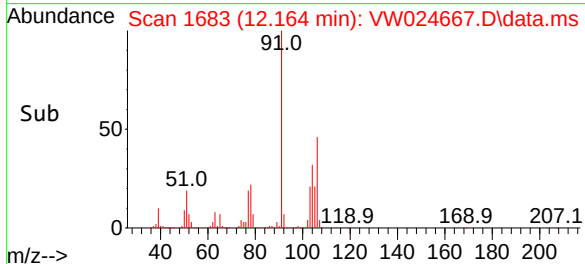
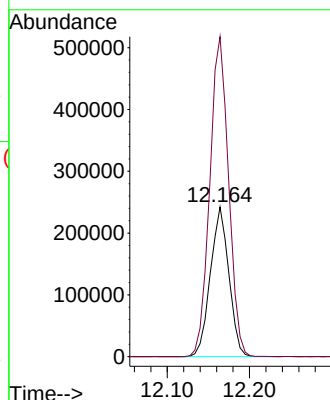
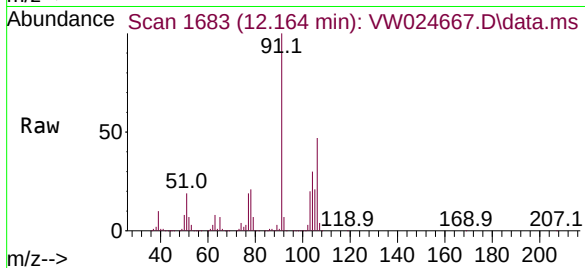
VSTD025577

Tgt Ion:106 Resp: 378432

Ion Ratio Lower Upper

106 100

91 213.7 146.3 271.7



#55

Styrene

Concen: 25.816 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW024667.D

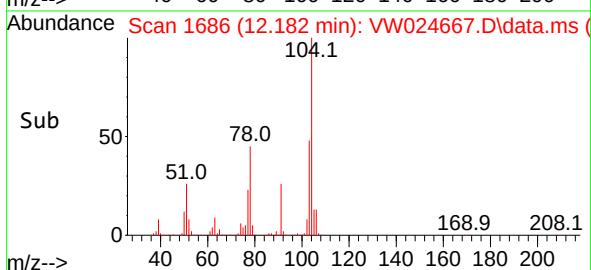
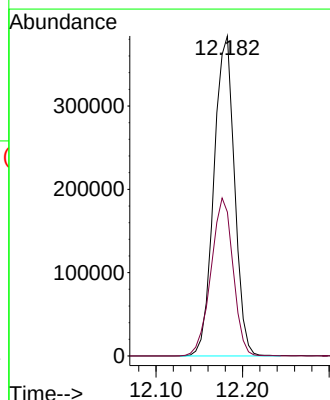
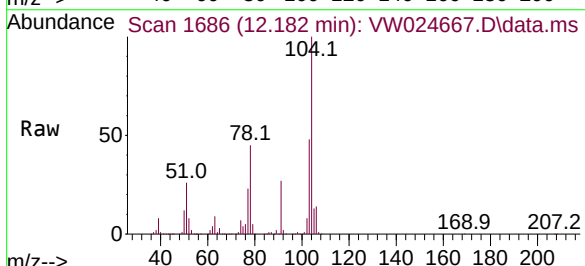
Acq: 28 Sep 2022 18:49

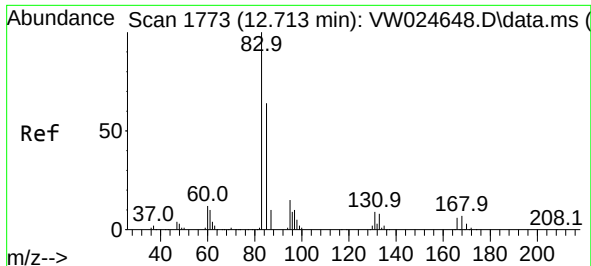
Tgt Ion:104 Resp: 634569

Ion Ratio Lower Upper

104 100

78 44.9 33.5 62.1

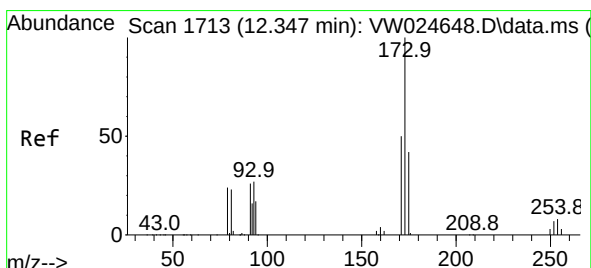
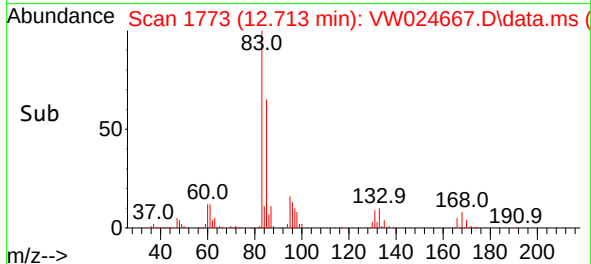
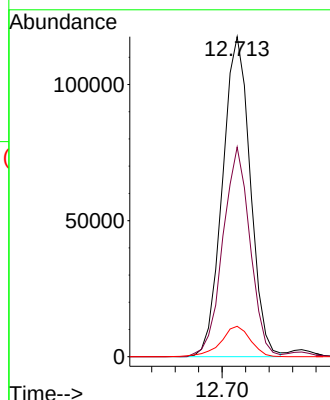
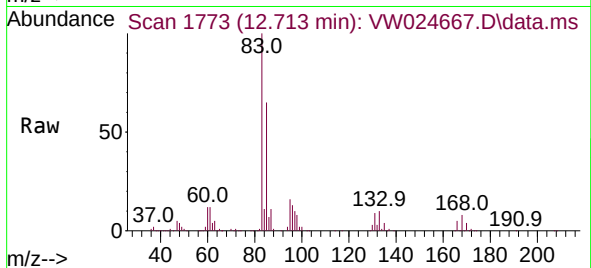




#57
1,1,2,2-Tetrachloroethane
Concen: 28.134 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

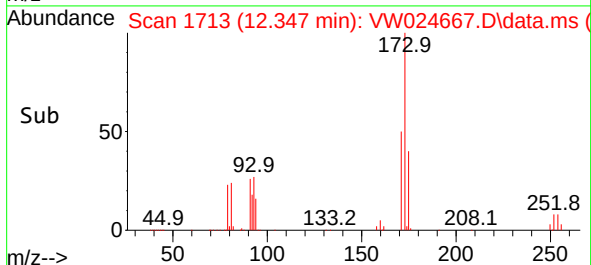
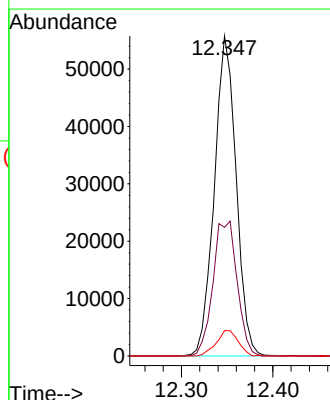
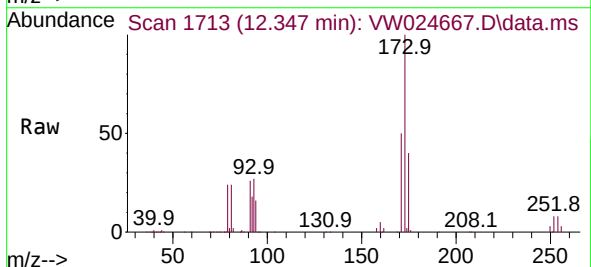
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

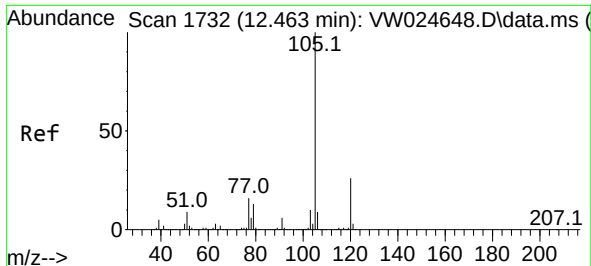
Tgt Ion: 83 Resp: 193099
Ion Ratio Lower Upper
83 100
85 65.5 45.2 84.0
131 9.5 7.3 10.9



#59
Bromoform
Concen: 27.824 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

Tgt Ion: 173 Resp: 92519
Ion Ratio Lower Upper
173 100
175 46.6 37.7 56.5
254 8.0 6.7 10.1

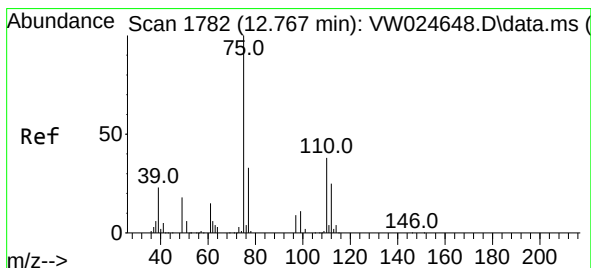
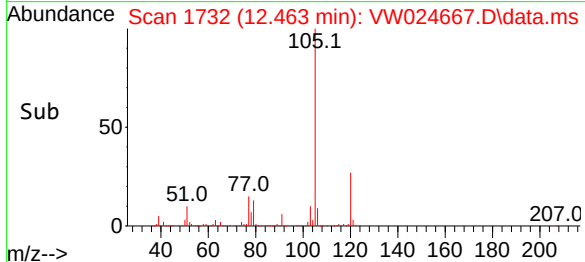
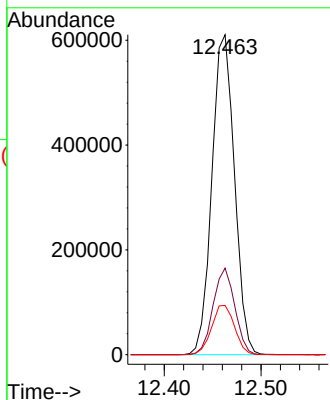
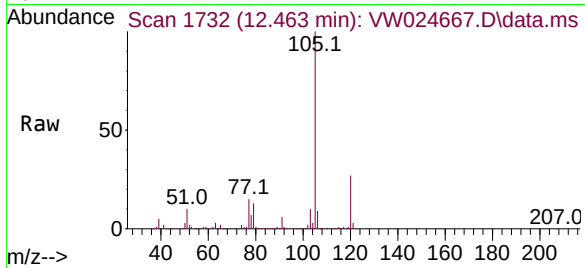




#60
Isopropylbenzene
Concen: 25.779 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

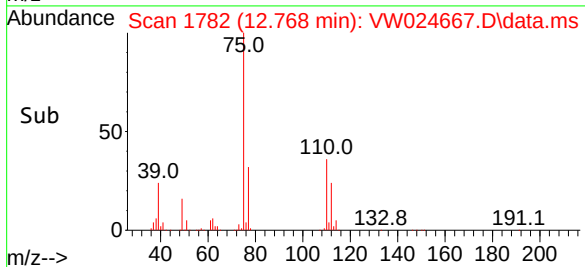
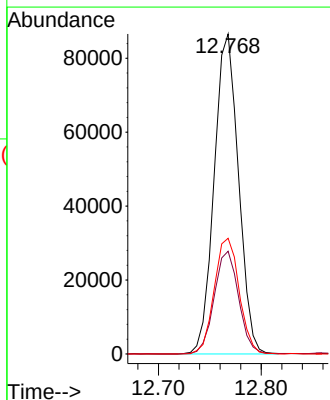
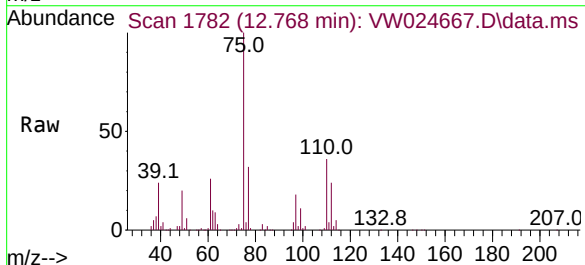
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

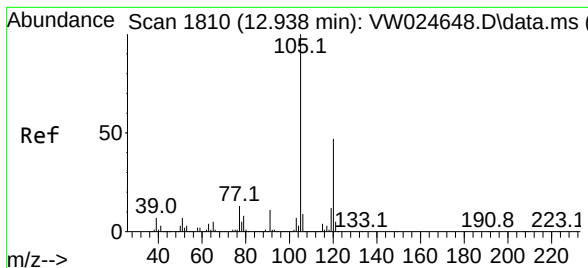
Tgt Ion:105 Resp: 988341
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3
77 15.8 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 28.036 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

Tgt Ion: 75 Resp: 142065
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6
110 37.1 29.2 43.8

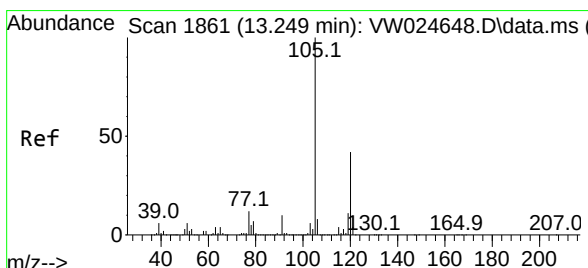
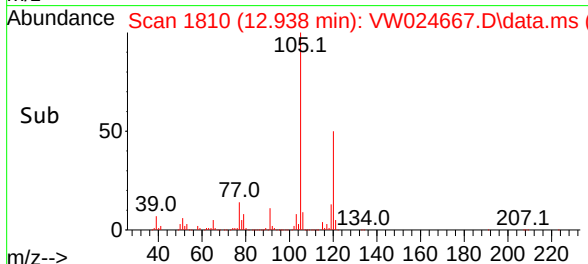
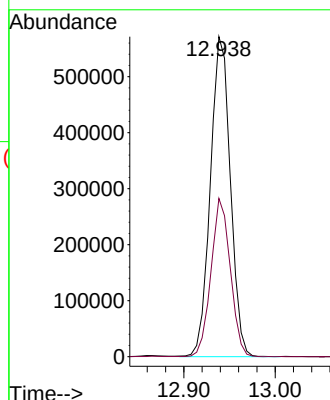
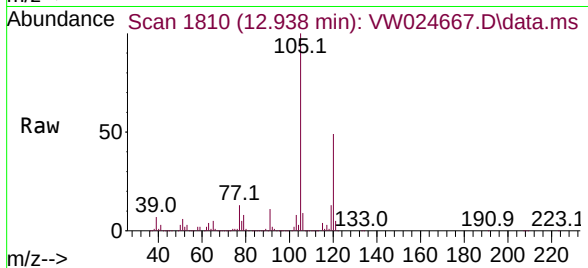




#62
1,3,5-Trimethylbenzene
Concen: 26.081 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

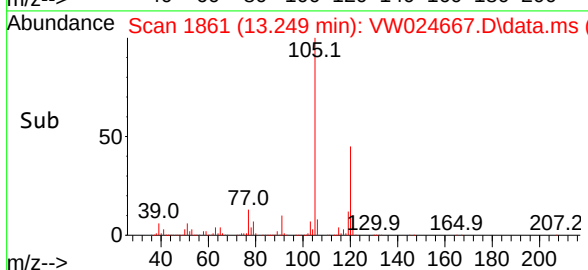
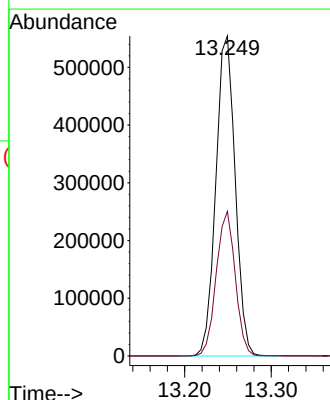
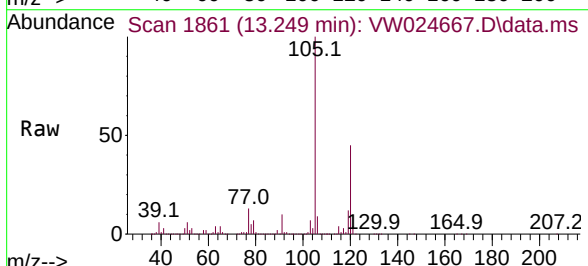
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

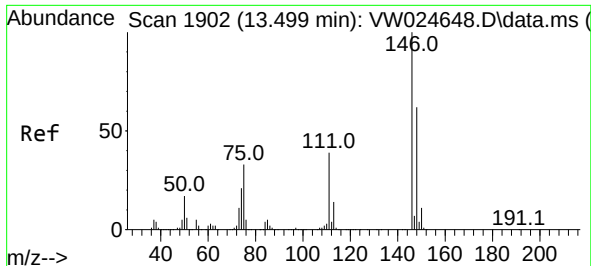
Tgt Ion:105 Resp: 869103
Ion Ratio Lower Upper
105 100
120 47.7 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 26.336 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

Tgt Ion:105 Resp: 859726
Ion Ratio Lower Upper
105 100
120 44.4 35.2 52.8

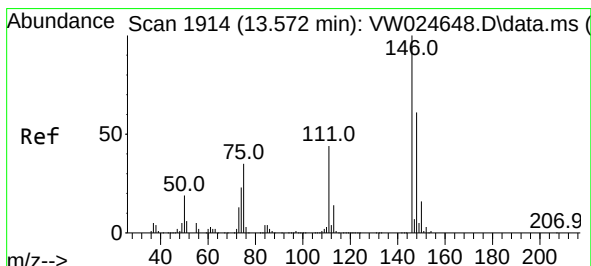
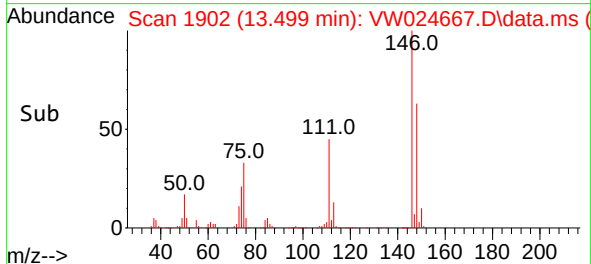
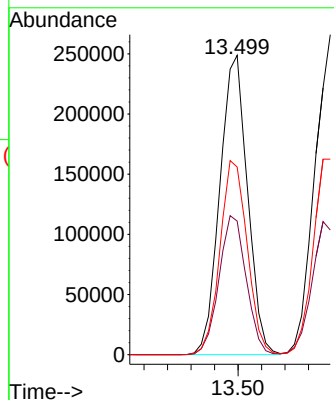
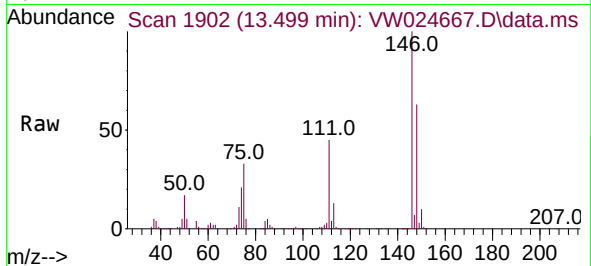




#64
1,3-Dichlorobenzene
Concen: 26.111 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

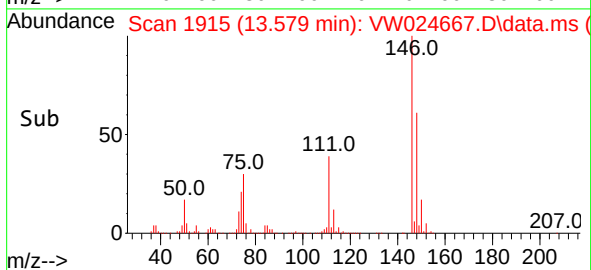
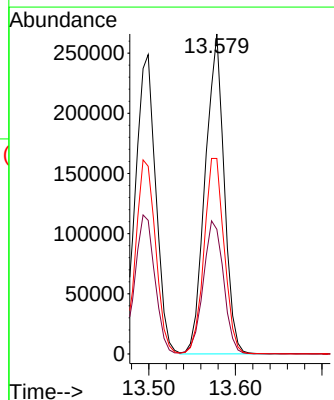
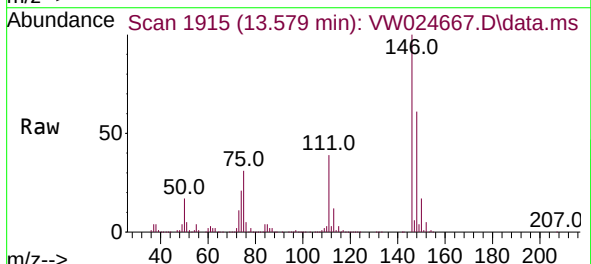
Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

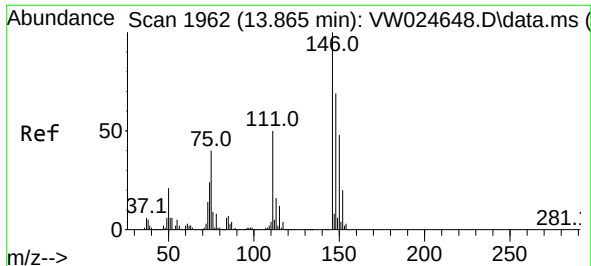
Tgt Ion:146 Resp: 406701
Ion Ratio Lower Upper
146 100
111 44.6 31.6 58.6
148 62.7 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 26.660 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024667.D
Acq: 28 Sep 2022 18:49

Tgt Ion:146 Resp: 404244
Ion Ratio Lower Upper
146 100
111 38.9 29.4 54.6
148 61.1 39.6 73.6





#67

1,2-Dichlorobenzene

Concen: 27.255 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024667.D

Acq: 28 Sep 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025577

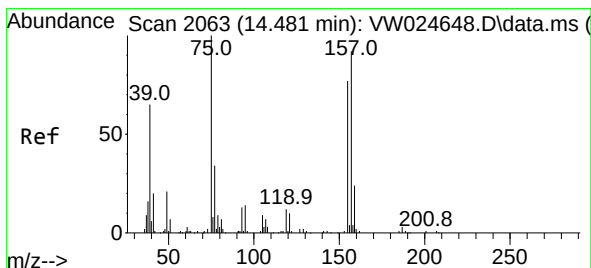
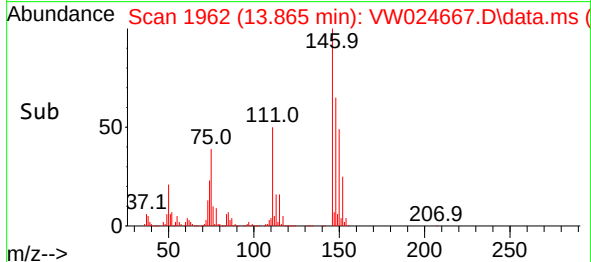
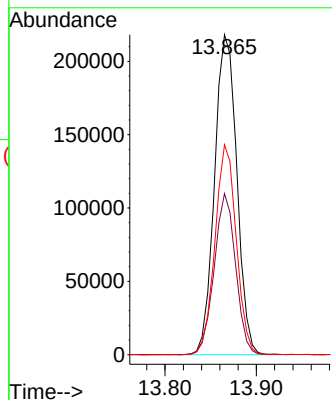
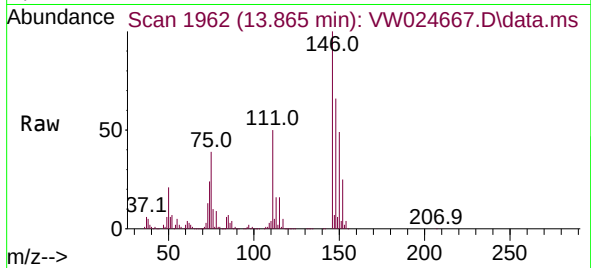
Tgt Ion:146 Resp: 369757

Ion Ratio Lower Upper

146 100

111 50.3 37.2 55.8

148 65.6 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 27.304 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024667.D

Acq: 28 Sep 2022 18:49

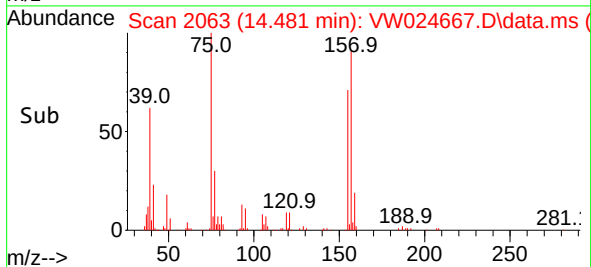
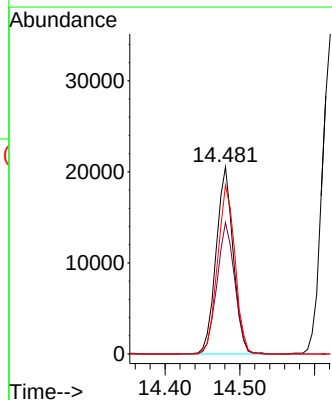
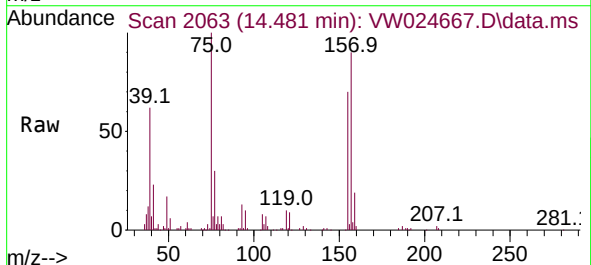
Tgt Ion: 75 Resp: 32718

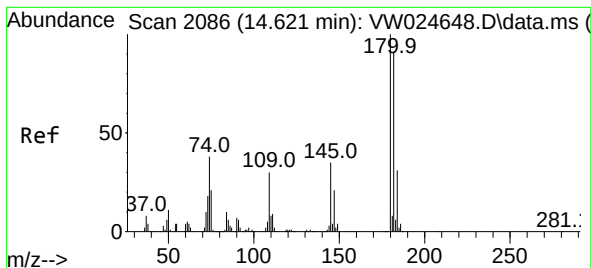
Ion Ratio Lower Upper

75 100

155 70.3 57.6 86.4

157 90.2 73.0 109.6





#69

1,3,5-Trichlorobenzene

Concen: 24.885 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW024667.D

Acq: 28 Sep 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025577

Tgt Ion:180 Resp: 257359

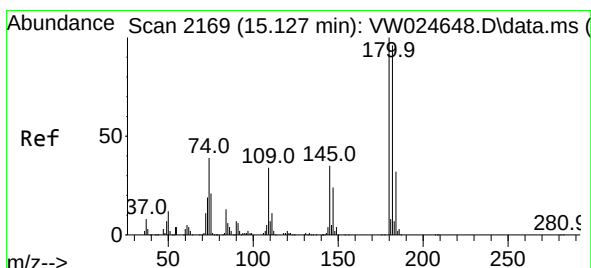
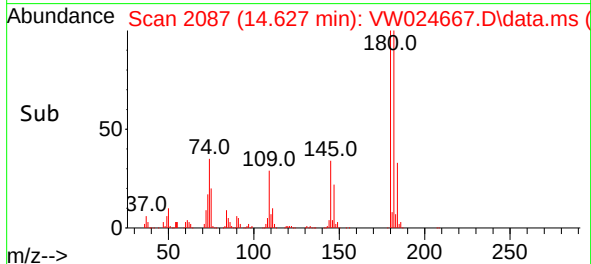
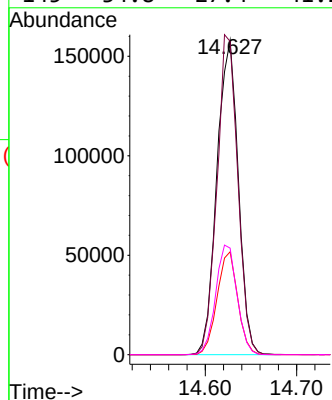
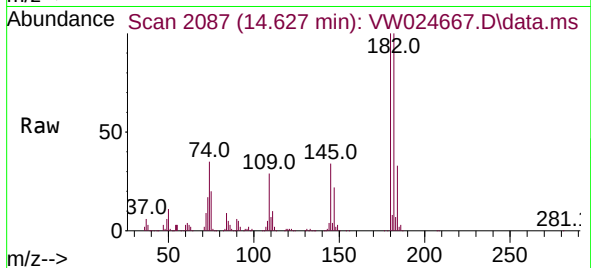
Ion Ratio Lower Upper

180 100

182 98.7 77.1 115.7

184 31.6 23.3 34.9

145 34.8 27.4 41.2



#70

1,2,4-trichlorobenzene

Concen: 25.391 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024667.D

Acq: 28 Sep 2022 18:49

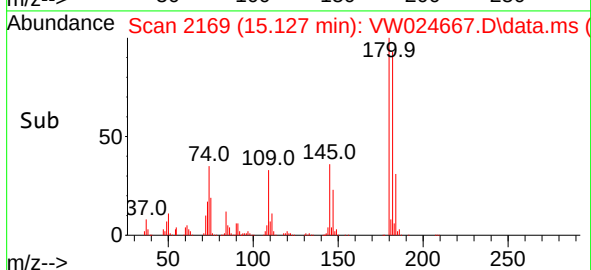
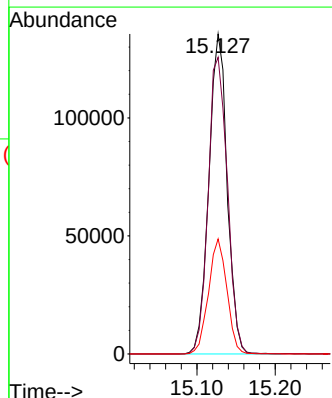
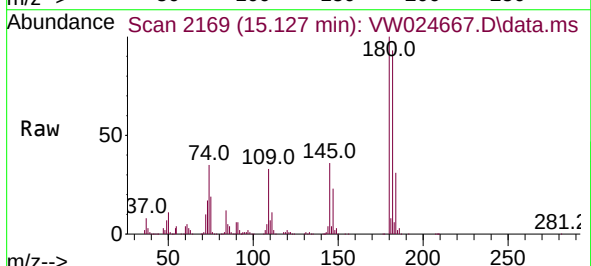
Tgt Ion:180 Resp: 220608

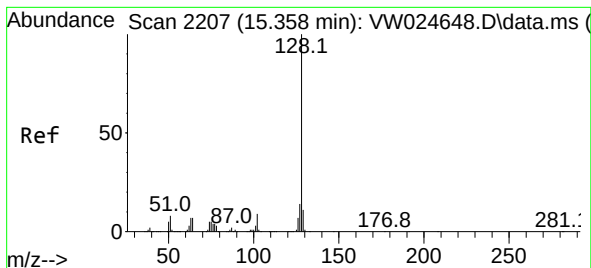
Ion Ratio Lower Upper

180 100

182 96.8 76.8 115.2

145 35.9 29.0 43.4





#71

Naphthalene

Concen: 28.339 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW024667.D

Acq: 28 Sep 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025577

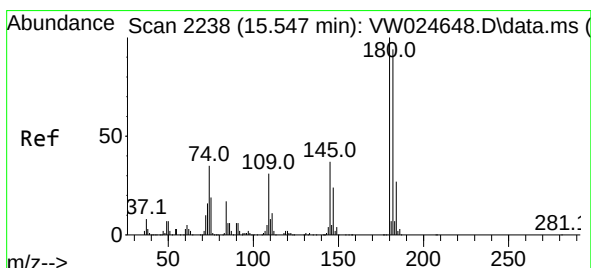
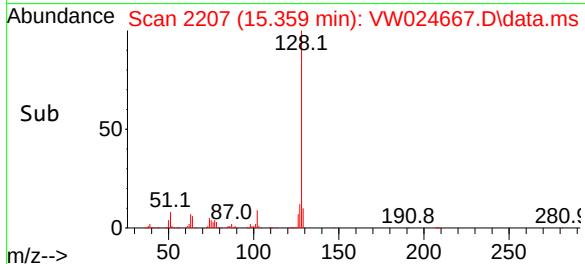
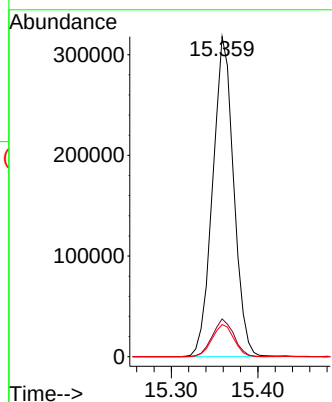
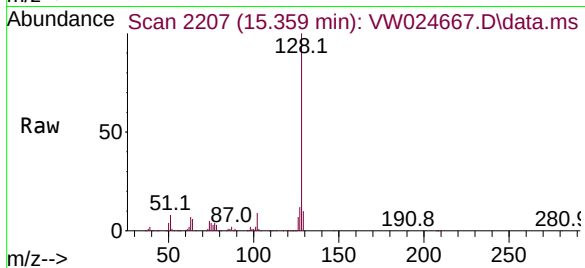
Tgt Ion:128 Resp: 536098

Ion Ratio Lower Upper

128 100

127 12.1 10.6 16.0

129 10.4 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 26.308 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW024667.D

Acq: 28 Sep 2022 18:49

Tgt Ion:180 Resp: 194534

Ion Ratio Lower Upper

180 100

182 95.9 77.4 116.2

145 37.4 30.6 45.8

