

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100422\
 Data File : VW024716.D
 Acq On : 04 Oct 2022 14:22
 Operator : SY/VA
 Sample : N4973-09MSD
 Misc : 6.11g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 05 07:18:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 30 22:12:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	663697	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	594997	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	265862	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	168013	24.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.800%
7) Chloroethane-d5	2.885	69	100730	24.963	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.840%
11) 1,1-Dichloroethene-d2	4.019	63	361084	22.466	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.880%
21) 2-Butanone-d5	7.080	46	139022	55.686	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.380%
24) Chloroform-d	7.653	84	426280	24.025	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.120%
26) 1,2-Dichloroethane-d4	8.305	65	222016	24.121	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.480%
32) Benzene-d6	8.275	84	847915	22.296	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	9.275	67	264797	22.789	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.160%
41) Toluene-d8	10.323	98	736704	21.674	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.680%
43) trans-1,3-Dichloroprop...	10.579	79	104682	20.230	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.920%
47) 2-Hexanone-d5	10.921	63	108130	54.389	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.780%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	223239	26.964	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.840%
66) 1,2-Dichlorobenzene-d4	13.847	152	224603	24.008	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	66757	16.383	ug/L	94
3) Chloromethane	2.221	50	148812	18.754	ug/L	96
5) Vinyl chloride	2.367	62	220037	26.970	ug/L	100
6) Bromomethane	2.782	94	100390	26.662	ug/L	94
8) Chloroethane	2.922	64	87926	25.563	ug/L	98
9) Trichlorofluoromethane	3.257	101	102406	22.436	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	209976	24.120	ug/L #	77
12) 1,1-Dichloroethene	4.044	96	204239	23.523	ug/L	96
13) Acetone	4.123	43	92944	51.026	ug/L	95
14) Carbon disulfide	4.391	76	654408	23.875	ug/L	99
15) Methyl Acetate	4.672	43	101859	25.254	ug/L	99
16) Methylene chloride	4.922	84	239612	18.383	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	227644	23.335	ug/L	92
18) Methyl tert-butyl Ether	5.428	73	350800	22.679	ug/L	99
19) 1,1-Dichloroethane	6.214	63	417268	22.862	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	239230	22.855	ug/L	98
22) 2-Butanone	7.171	43	142251	48.825	ug/L	99
23) Bromochloromethane	7.513	128	99928	23.489	ug/L	97
25) Chloroform	7.677	83	400734	23.154	ug/L	97

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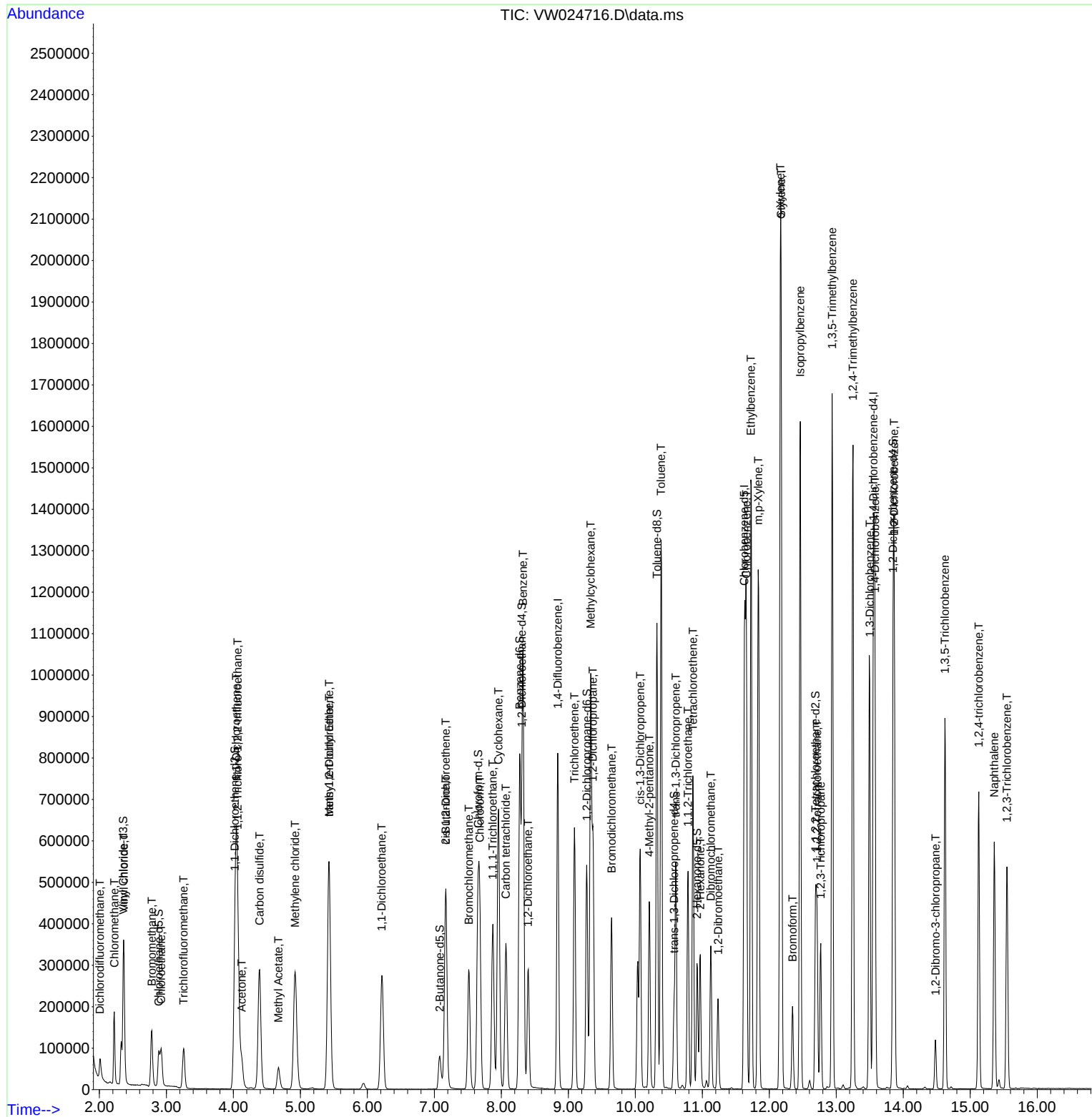
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	257775	23.670	ug/L	100
29) Cyclohexane	7.958	56	404345	21.819	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	317951	22.083	ug/L	98
31) Carbon tetrachloride	8.067	117	272803	22.375	ug/L	98
33) Benzene	8.323	78	932855	22.400	ug/L	100
34) Trichloroethene	9.092	95	230222	21.811	ug/L	97
35) Methylcyclohexane	9.335	83	410160	21.198	ug/L	99
37) 1,2-Dichloropropane	9.366	63	234631	22.822	ug/L	99
38) Bromodichloromethane	9.646	83	283306	22.402	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	353993	21.774	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	301103	49.480	ug/L	99
42) Toluene	10.384	91	967845	22.505	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	298496	21.415	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	165572	23.578	ug/L	98
46) Tetrachloroethene	10.860	164	161150	22.470	ug/L	96
48) 2-Hexanone	10.969	43	209035	50.799	ug/L	99
49) Dibromochloromethane	11.128	129	179583	22.710	ug/L	95
50) 1,2-Dibromoethane	11.238	107	156375	23.526	ug/L	99
51) Chlorobenzene	11.658	112	599120	22.753	ug/L	96
52) Ethylbenzene	11.725	91	1061947	22.419	ug/L	99
53) m,p-Xylene	11.835	106	410801	22.209	ug/L	99
54) o-Xylene	12.164	106	392480	22.469	ug/L	93
55) Styrene	12.176	104	673370	22.867	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	205917	25.044	ug/L	97
59) Bromoform	12.347	173	90296	24.027	ug/L	98
60) Isopropylbenzene	12.463	105	1050955	24.254	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	150072	26.205	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	891898	23.682	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	865295	23.453	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	416718	23.672	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	411489	24.012	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	365998	23.870	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	31719	23.421	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	257432	22.024	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	201063	20.476	ug/L	97
71) Naphthalene	15.359	128	493376	23.076	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	170496	20.401	ug/L	98

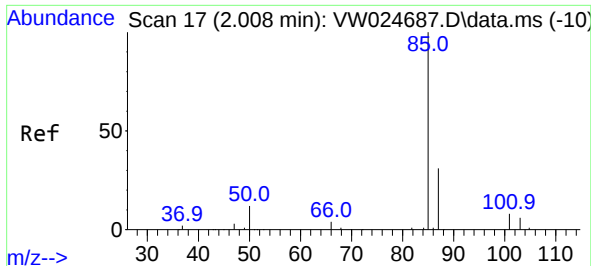
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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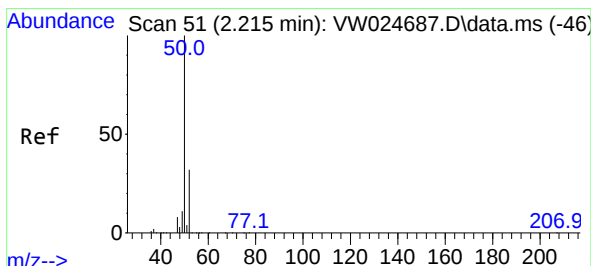
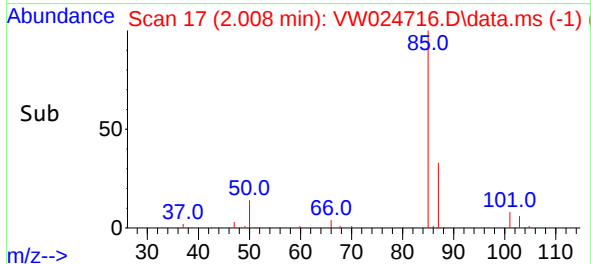
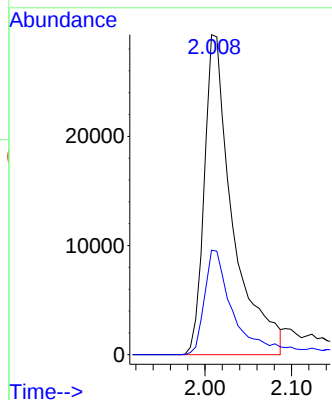
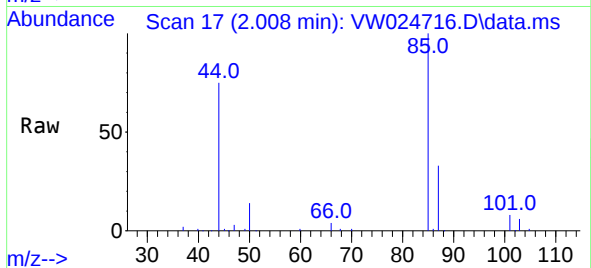




#2
Dichlorodifluoromethane
Concen: 16.383 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

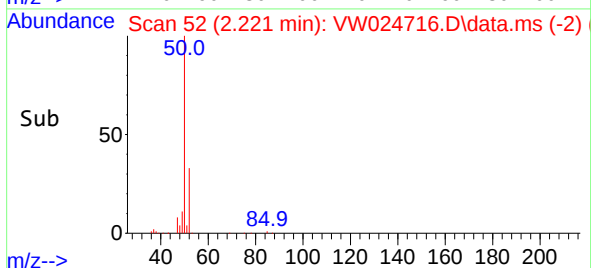
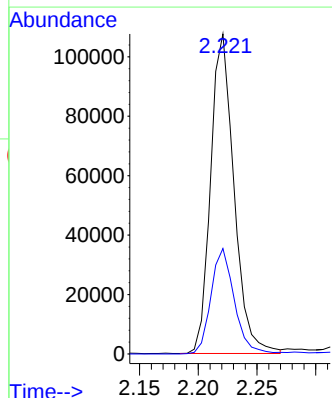
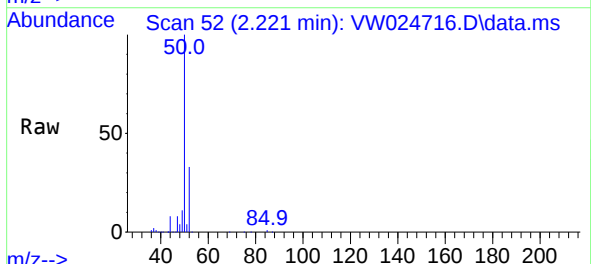
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MSVOA_W
ClientSampleId :

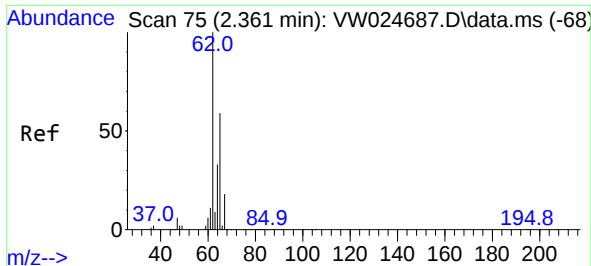
Tgt Ion: 85 Resp: 66757
Ion Ratio Lower Upper
85 100
87 32.6 28.8 43.2



#3
Chloromethane
Concen: 18.754 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

Tgt Ion: 50 Resp: 148812
Ion Ratio Lower Upper
50 100
52 33.0 21.7 40.3

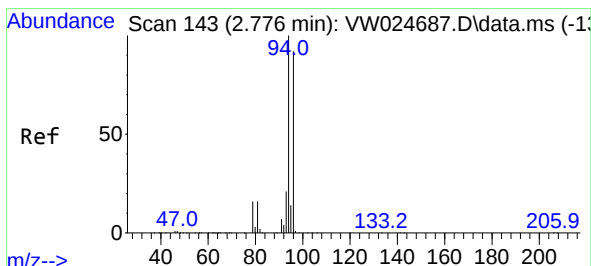
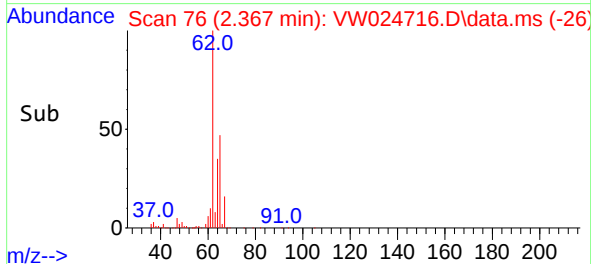
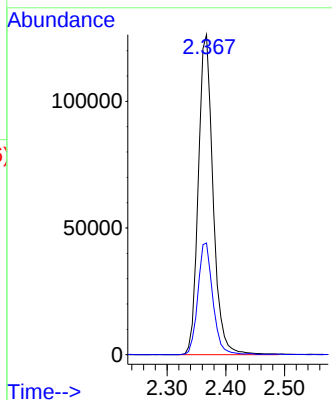
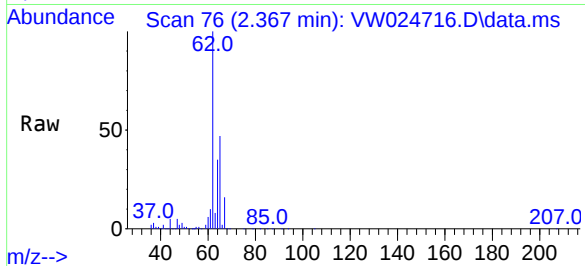




#5
 Vinyl chloride
 Concen: 26.970 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW024716.D
 Acq: 04 Oct 2022 14:22

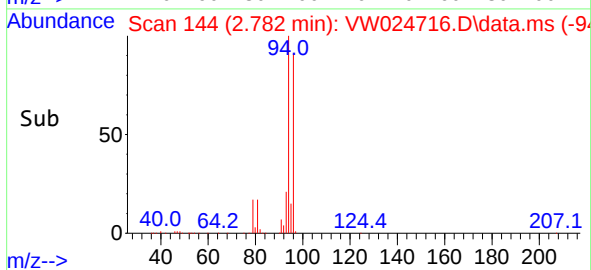
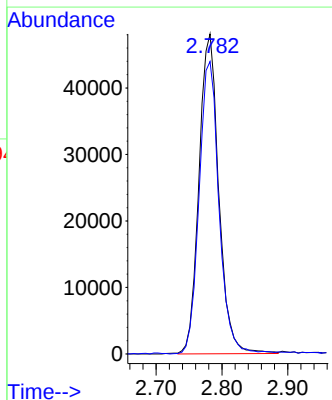
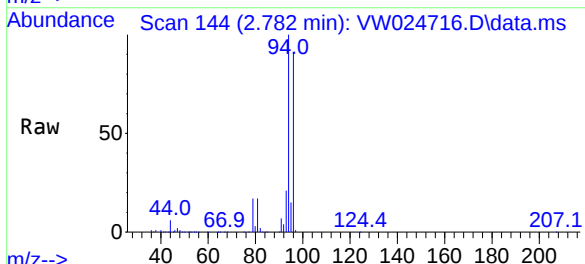
Instrument :
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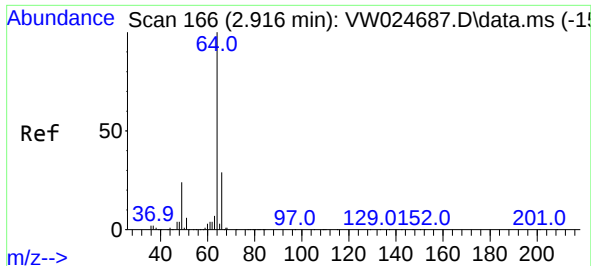
Tgt Ion: 62 Resp: 220037
 Ion Ratio Lower Upper
 62 100
 64 34.9 24.4 45.2



#6
 Bromomethane
 Concen: 26.662 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW024716.D
 Acq: 04 Oct 2022 14:22

Tgt Ion: 94 Resp: 100390
 Ion Ratio Lower Upper
 94 100
 96 91.4 68.0 126.2

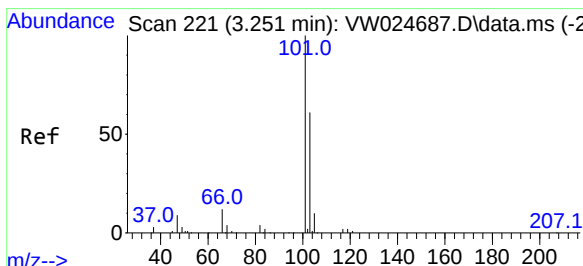
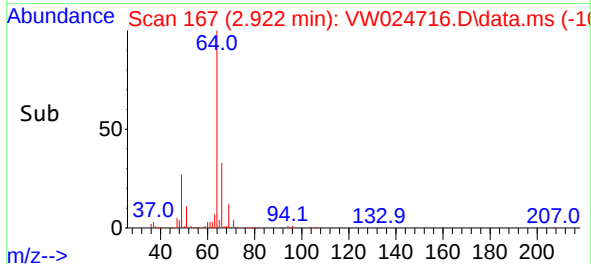
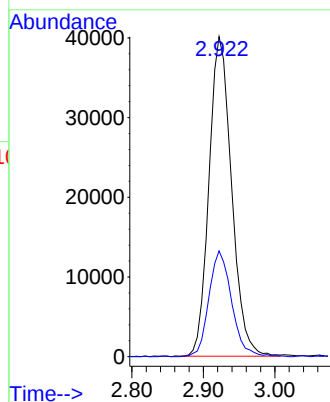
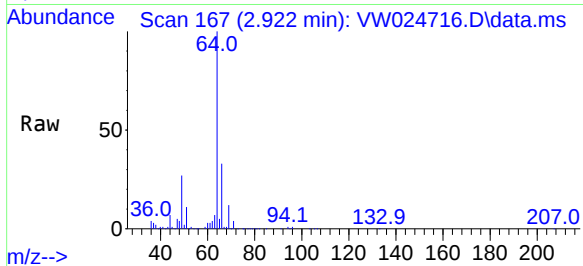




#8
Chloroethane
Concen: 25.563 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

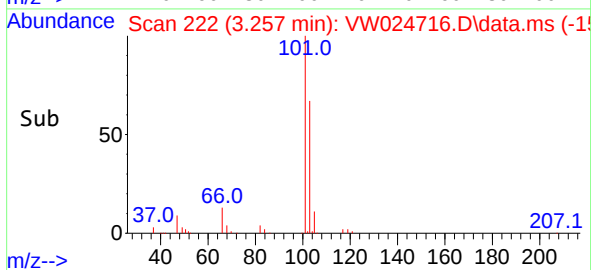
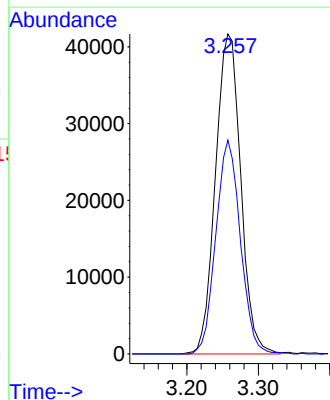
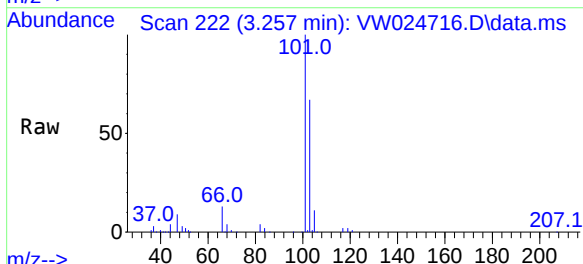
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MSVOA_W
ClientSampleId :

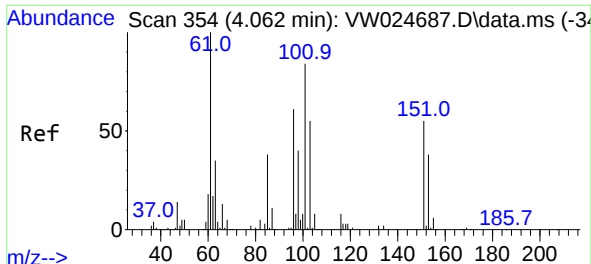
Tgt Ion: 64 Resp: 87926
Ion Ratio Lower Upper
64 100
66 33.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 22.436 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

Tgt Ion:101 Resp: 102406
Ion Ratio Lower Upper
101 100
103 64.8 53.4 80.2

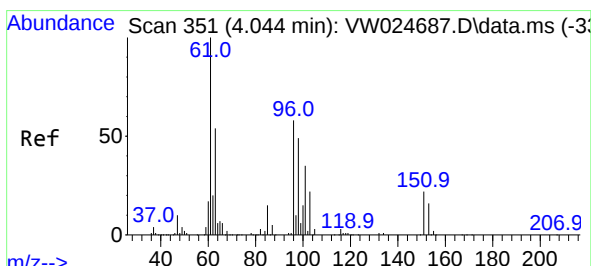
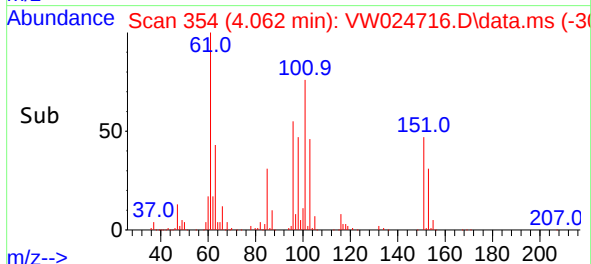
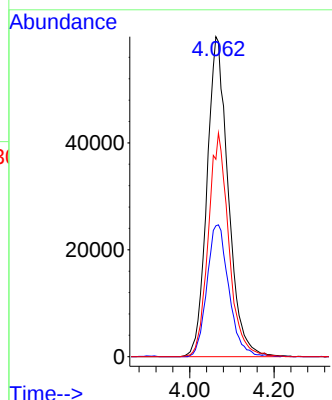
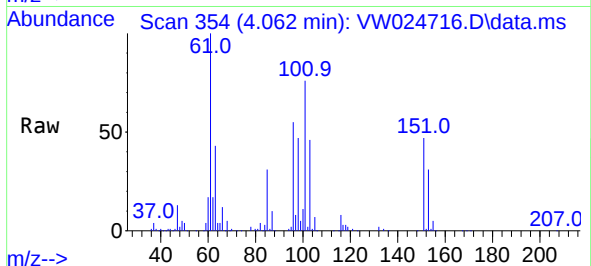




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.120 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW024716.D
 Acq: 04 Oct 2022 14:22

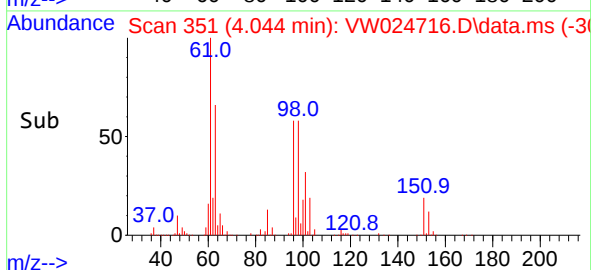
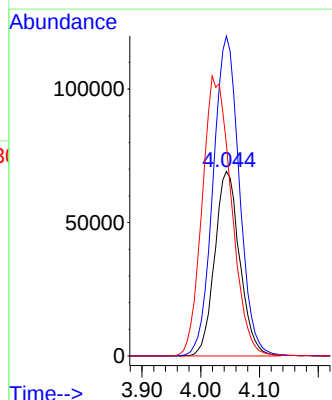
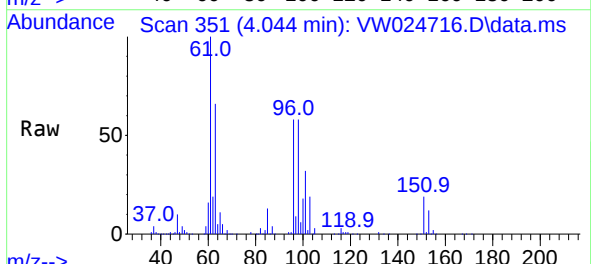
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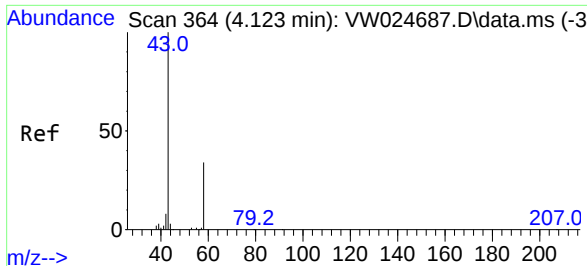
Tgt Ion:101 Resp: 209976
 Ion Ratio Lower Upper
 101 100
 85 42.4 34.9 52.3
 151 67.0 30.9 46.3#



#12
 1,1-Dichloroethene
 Concen: 23.523 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024716.D
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Tgt Ion: 96 Resp: 204239
 Ion Ratio Lower Upper
 96 100
 61 173.5 124.5 231.1
 63 114.6 84.1 156.1

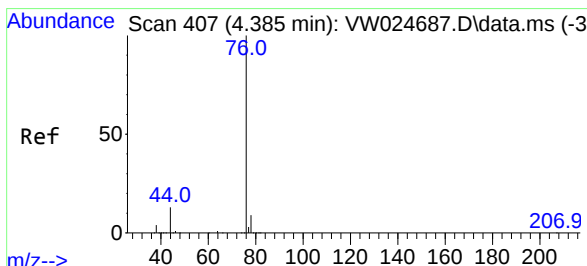
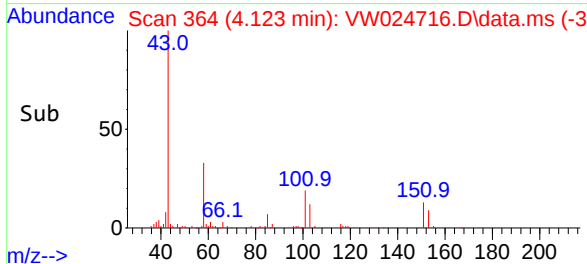
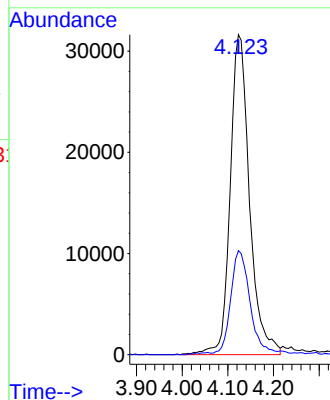
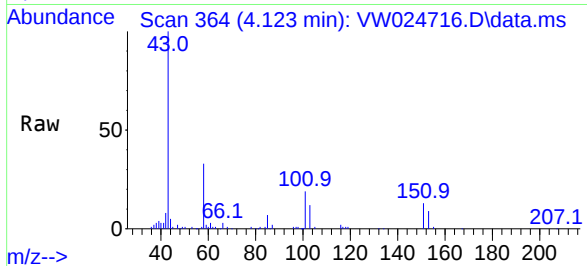




#13
Acetone
Concen: 51.026 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

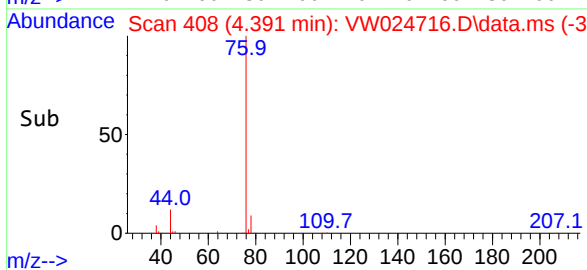
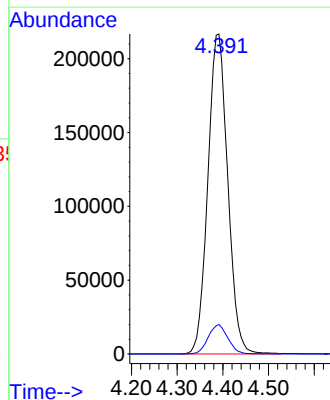
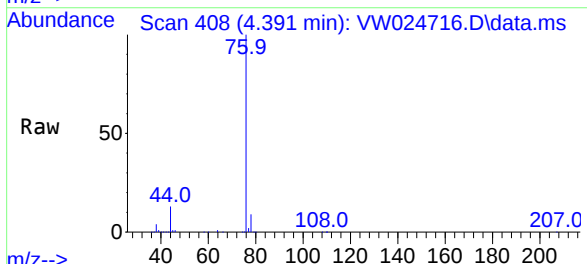
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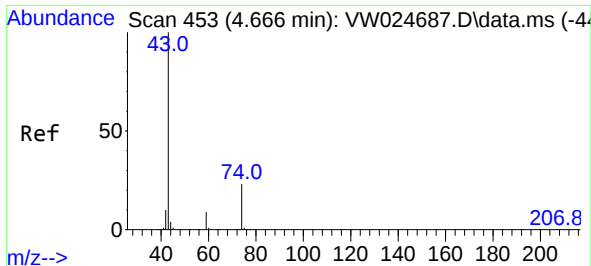
Tgt Ion: 43 Resp: 92944
Ion Ratio Lower Upper
43 100
58 31.2 0.0 67.6



#14
Carbon disulfide
Concen: 23.875 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
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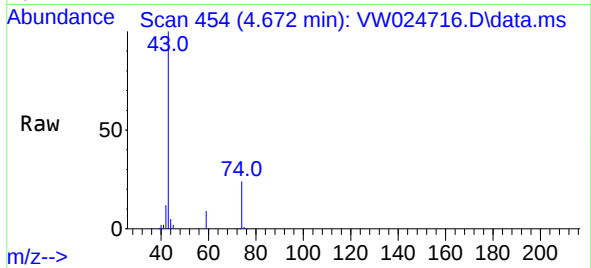
Tgt Ion: 76 Resp: 654408
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



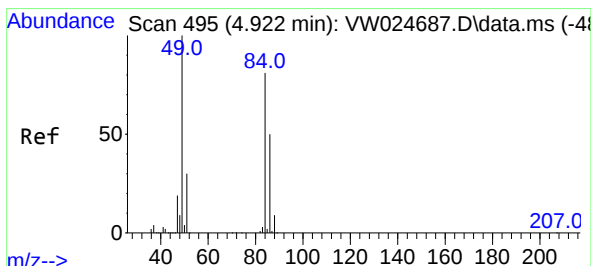
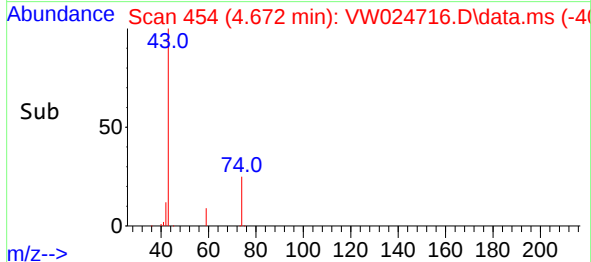
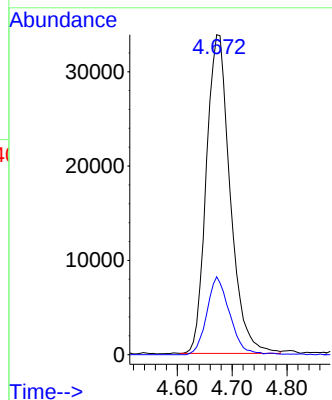


#15
Methyl Acetate
Concen: 25.254 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

Instrument :
MSVOA_W
ClientSampleId :

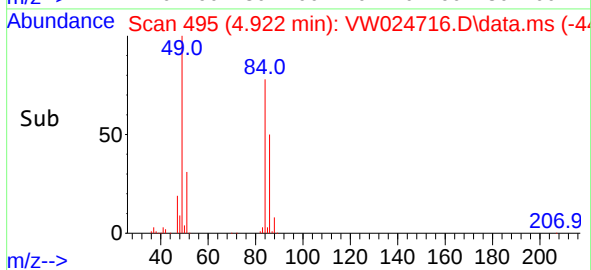
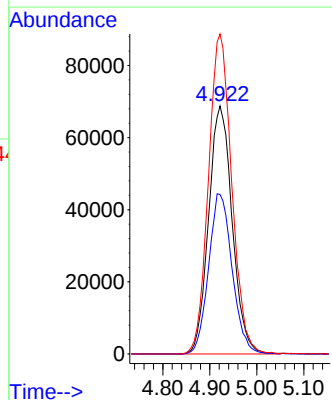
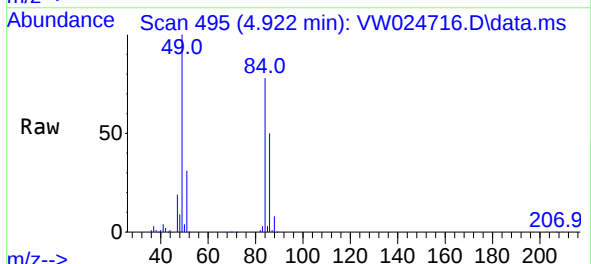


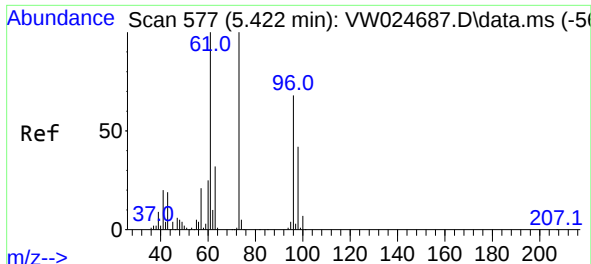
Tgt Ion: 43 Resp: 101859
Ion Ratio Lower Upper
43 100
74 23.3 18.1 27.1



#16
Methylene chloride
Concen: 18.383 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

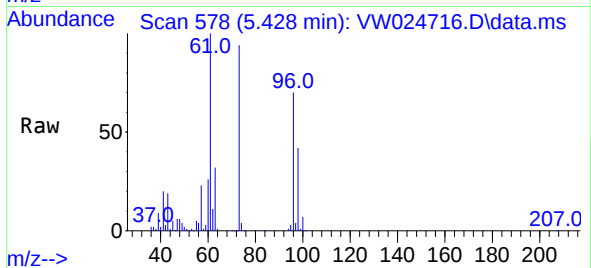
Tgt Ion: 84 Resp: 239612
Ion Ratio Lower Upper
84 100
86 64.3 44.0 81.8
49 129.0 87.4 162.2



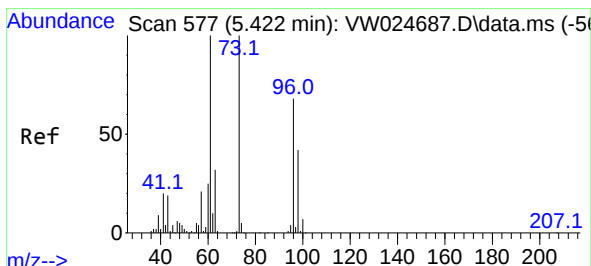
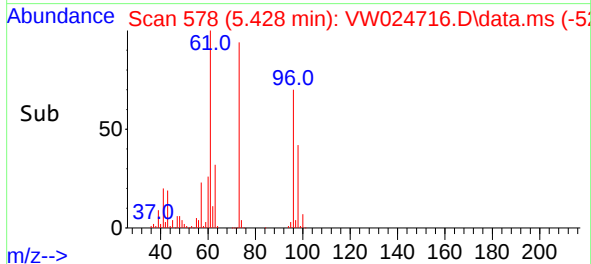
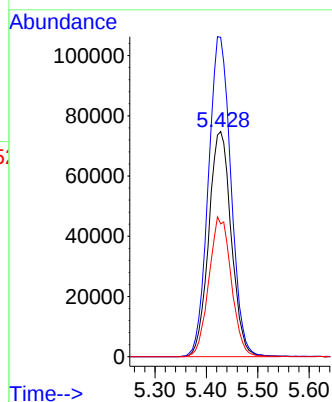


#17
trans-1,2-Dichloroethene
Concen: 23.335 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

Instrument :
MSVOA_W
ClientSampleId :

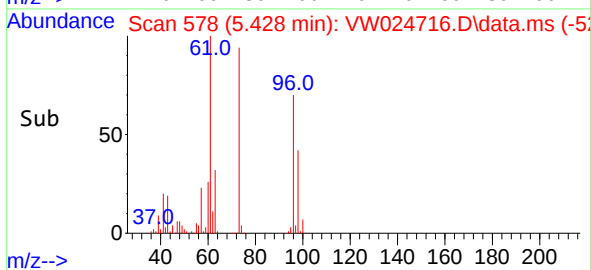
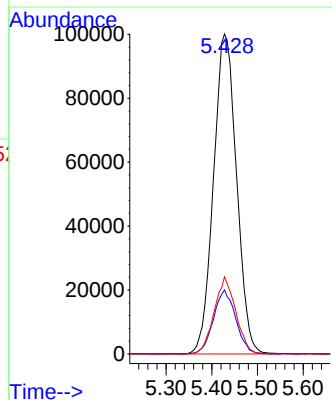
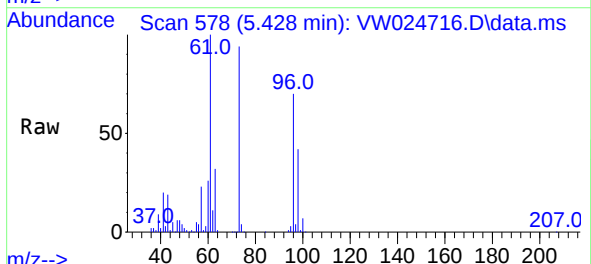


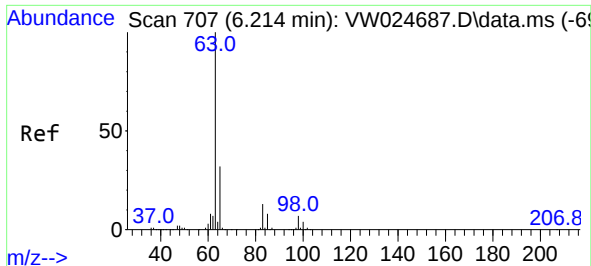
Tgt Ion: 96 Resp: 227644
Ion Ratio Lower Upper
96 100
61 141.8 106.3 197.5
98 59.0 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 22.679 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

Tgt Ion: 73 Resp: 350800
Ion Ratio Lower Upper
73 100
43 19.4 15.6 23.4
57 22.5 18.3 27.5





#19

1,1-Dichloroethane

Concen: 22.862 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

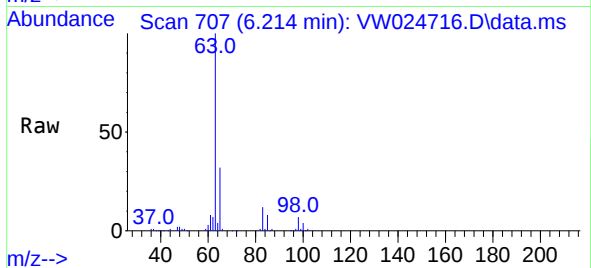
Lab File: VW024716.D

Acq: 04 Oct 2022 14:22

Instrument :

MSVOA_W

ClientSampleId :



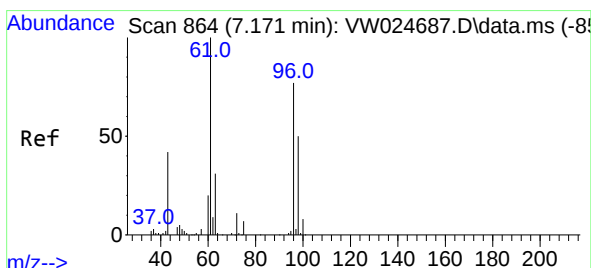
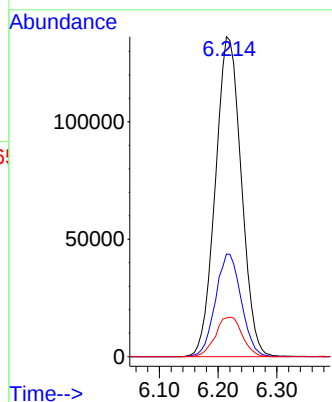
Tgt Ion: 63 Resp: 417268

Ion Ratio Lower Upper

63 100

65 32.1 23.7 43.9

83 12.1 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 22.855 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024716.D

Acq: 04 Oct 2022 14:22

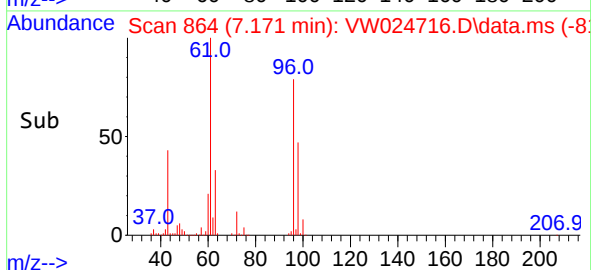
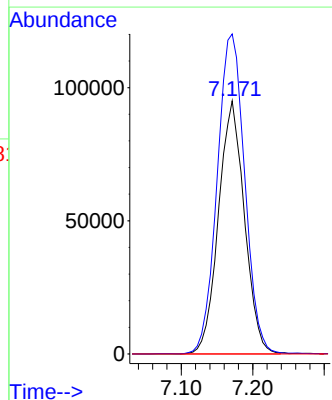
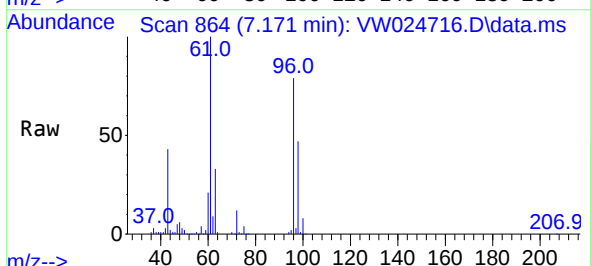
Tgt Ion: 96 Resp: 239230

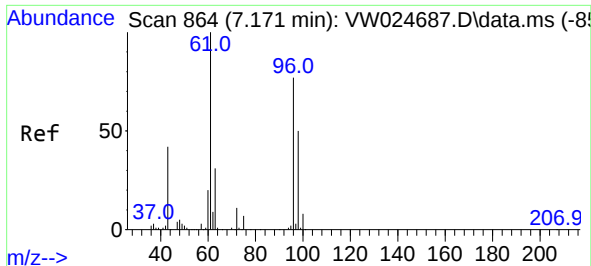
Ion Ratio Lower Upper

96 100

61 126.4 90.2 167.4

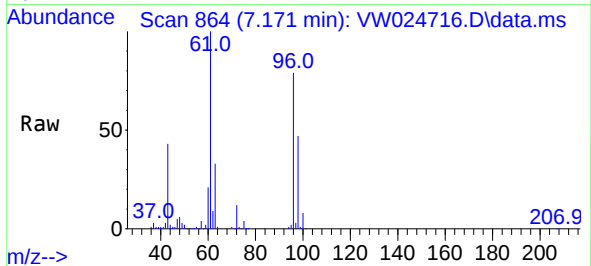
68 0.0 0.0 0.0



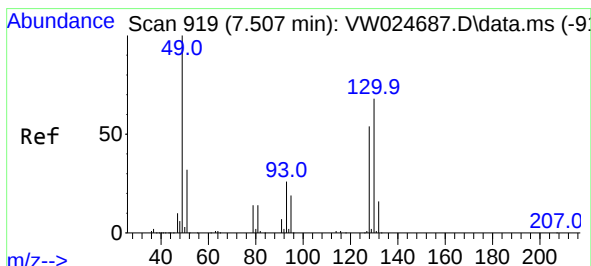
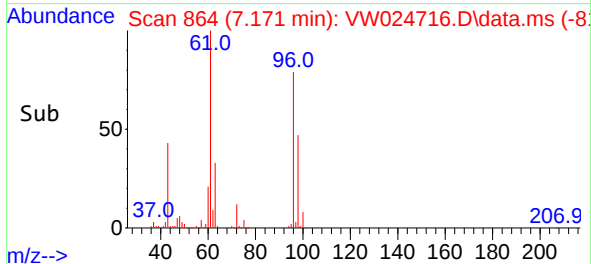
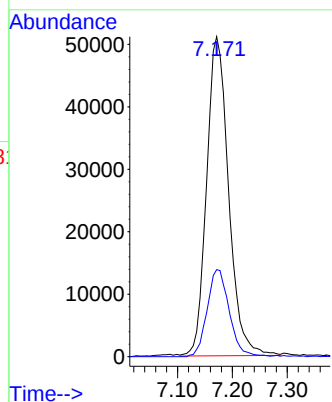


#22
2-Butanone
Concen: 48.825 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

Instrument :
MSVOA_W
ClientSampleId :

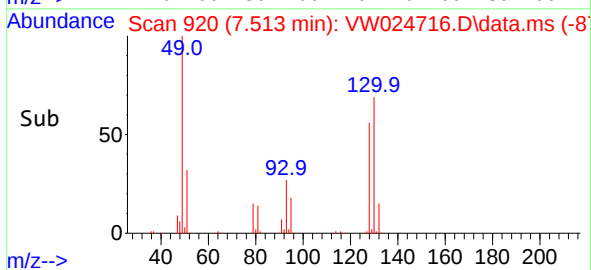
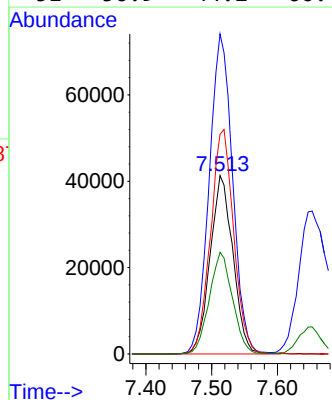
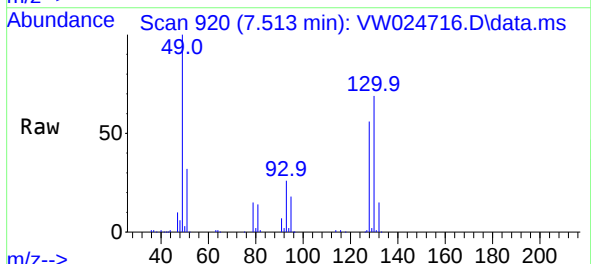


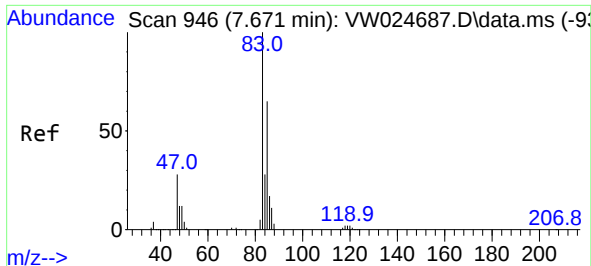
Tgt Ion: 43 Resp: 142251
Ion Ratio Lower Upper
43 100
72 27.2 13.8 41.3



#23
Bromochloromethane
Concen: 23.489 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

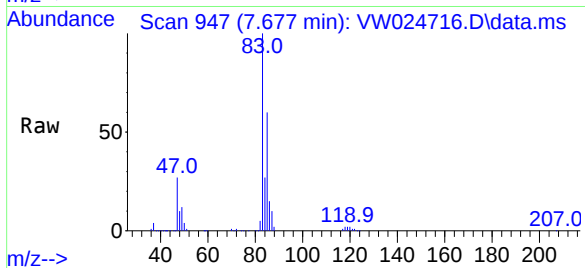
Tgt Ion: 128 Resp: 99928
Ion Ratio Lower Upper
128 100
49 179.3 127.3 236.3
130 123.1 90.2 167.4
51 56.9 44.2 66.4



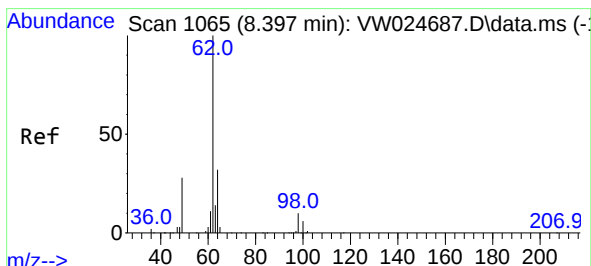
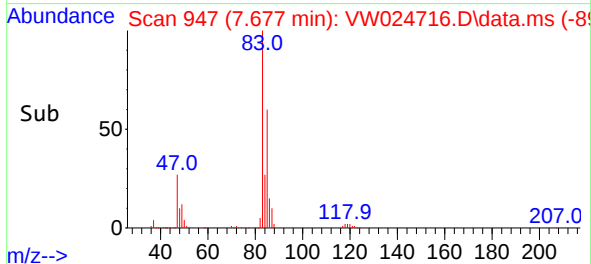
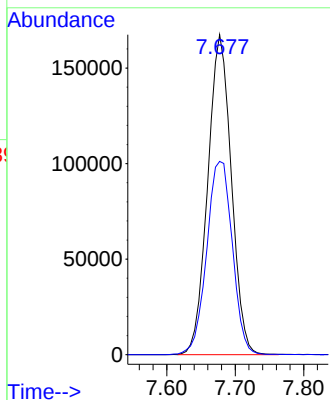


#25
Chloroform
Concen: 23.154 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

Instrument :
MSVOA_W
ClientSampleId :

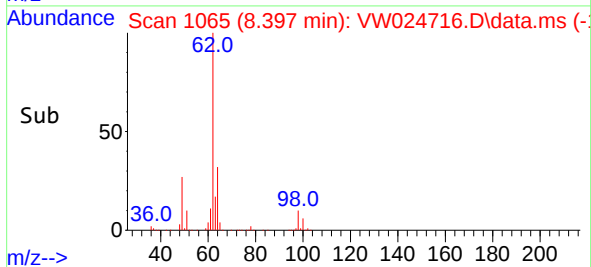
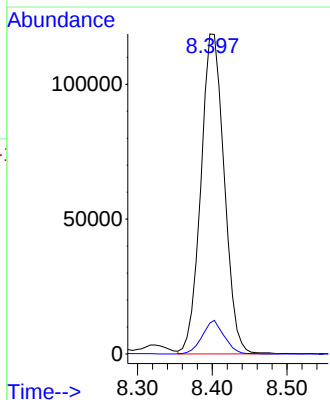
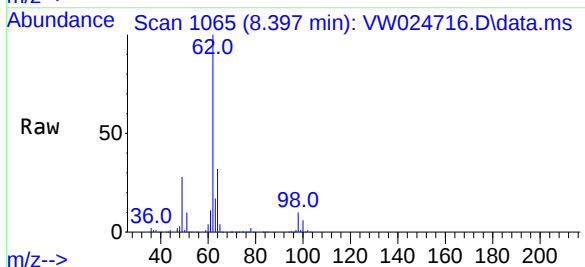


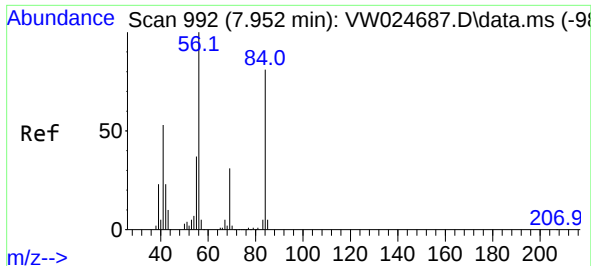
Tgt Ion: 83 Resp: 400734
Ion Ratio Lower Upper
83 100
85 60.4 44.0 81.8



#27
1,2-Dichloroethane
Concen: 23.670 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

Tgt Ion: 62 Resp: 257775
Ion Ratio Lower Upper
62 100
98 9.7 7.8 11.8





#29

Cyclohexane

Concen: 21.819 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

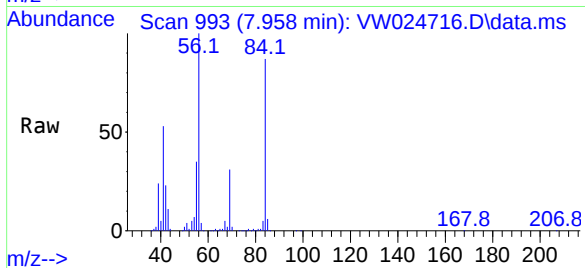
Lab File: VW024716.D

Acq: 04 Oct 2022 14:22

Instrument :

MSVOA_W

ClientSampleId :



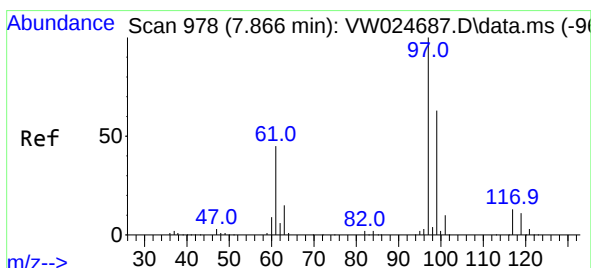
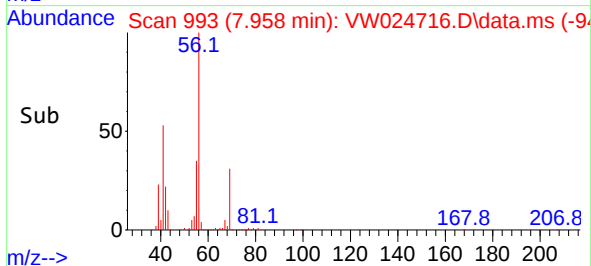
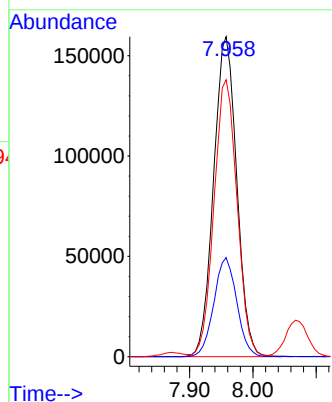
Tgt Ion: 56 Resp: 404345

Ion Ratio Lower Upper

56 100

69 30.7 25.0 37.4

84 86.5 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 22.083 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW024716.D

Acq: 04 Oct 2022 14:22

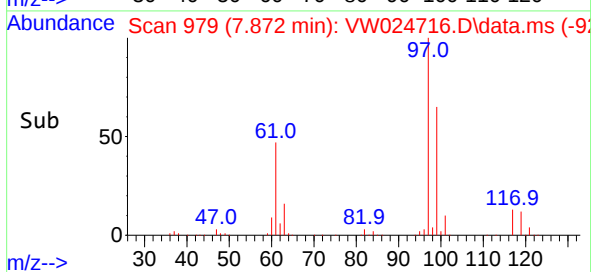
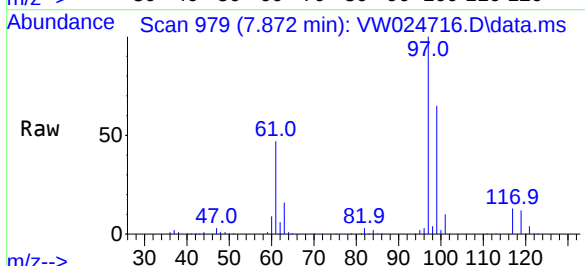
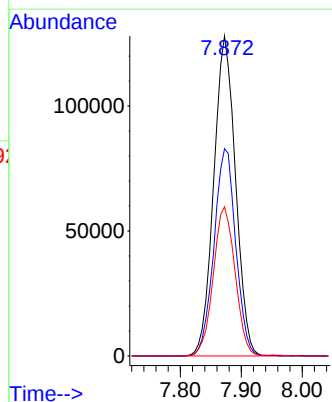
Tgt Ion: 97 Resp: 317951

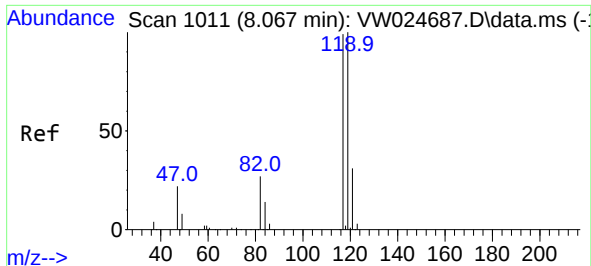
Ion Ratio Lower Upper

97 100

99 64.7 51.1 76.7

61 46.6 35.8 53.6

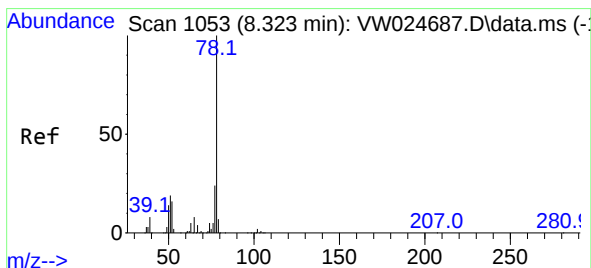
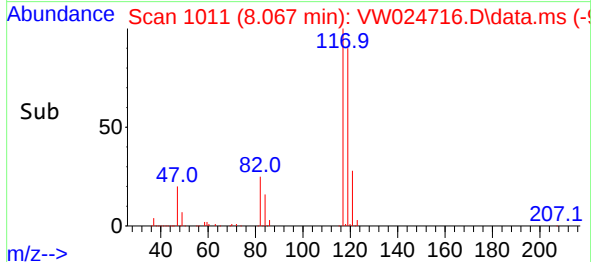
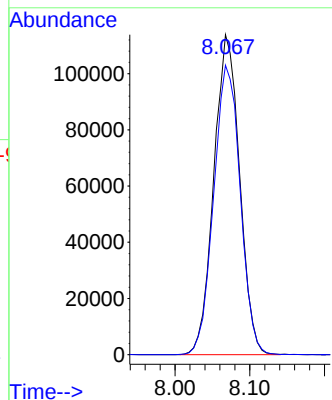
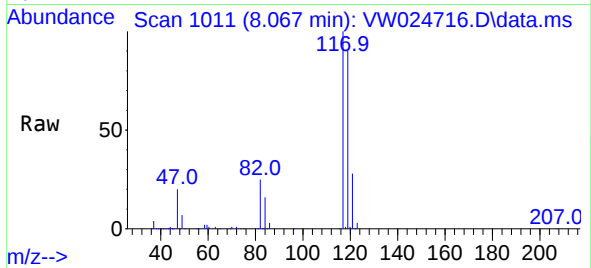




#31
Carbon tetrachloride
Concen: 22.375 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

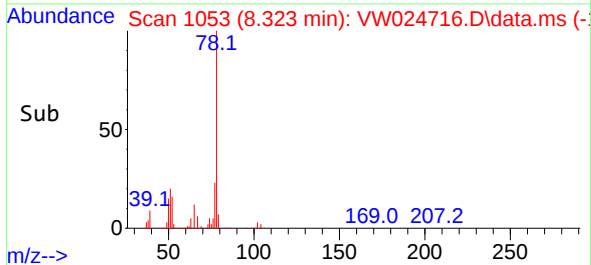
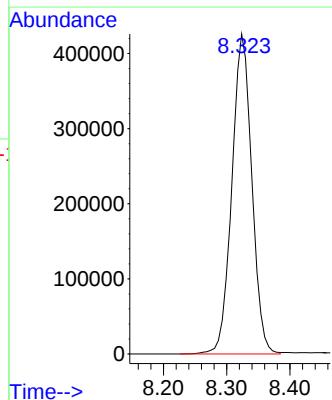
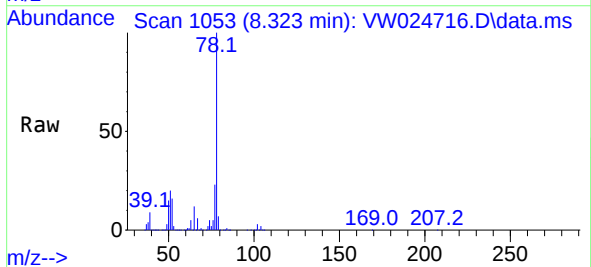
Instrument :
MSVOA_W
ClientSampleId :

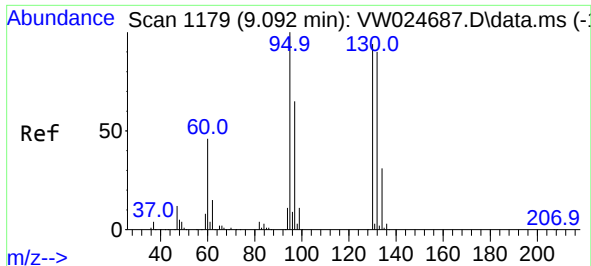
Tgt Ion:117 Resp: 272803
Ion Ratio Lower Upper
117 100
119 93.1 76.2 114.2



#33
Benzene
Concen: 22.400 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

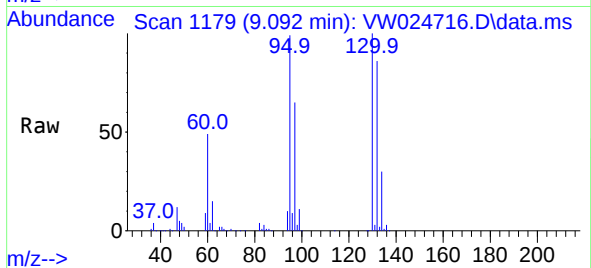
Tgt Ion: 78 Resp: 932855





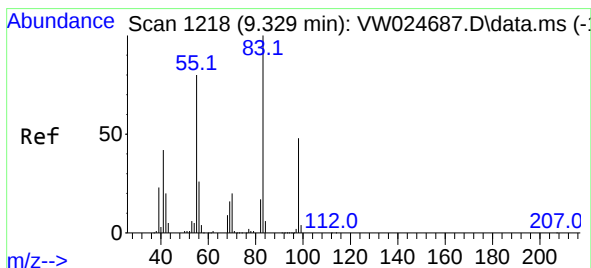
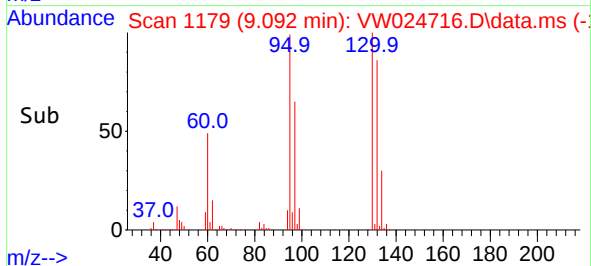
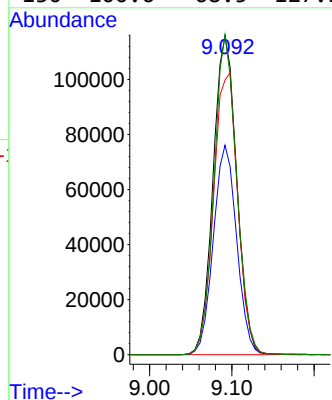
#34
Trichloroethene
Concen: 21.811 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 230222

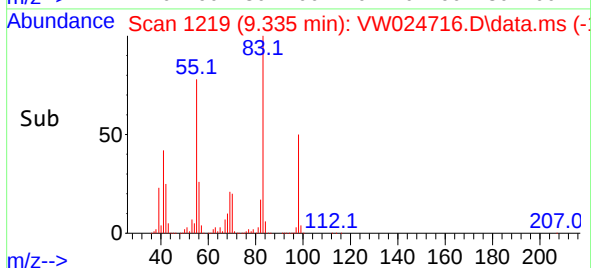
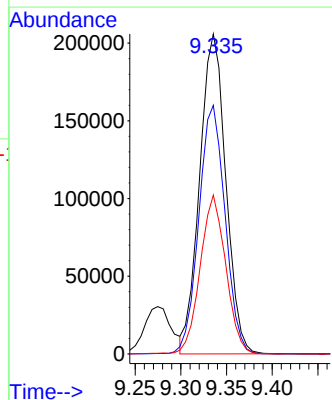
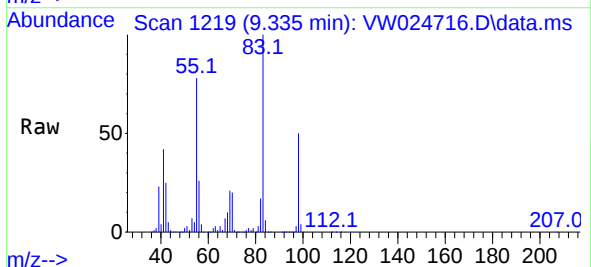
Ion	Ratio	Lower	Upper
95	100		
97	65.8	43.5	80.9
132	86.3	61.2	113.8
130	100.6	68.5	127.1

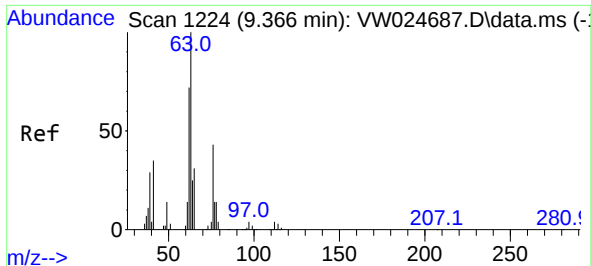


#35
Methylcyclohexane
Concen: 21.198 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

Tgt Ion: 83 Resp: 410160

Ion	Ratio	Lower	Upper
83	100		
55	78.2	63.1	94.7
98	48.6	38.3	57.5





#37

1,2-Dichloropropane

Concen: 22.822 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024716.D

Acq: 04 Oct 2022 14:22

Instrument :

MSVOA_W

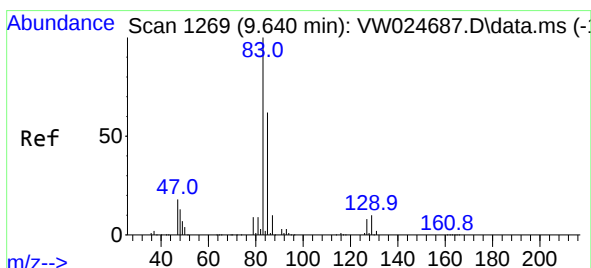
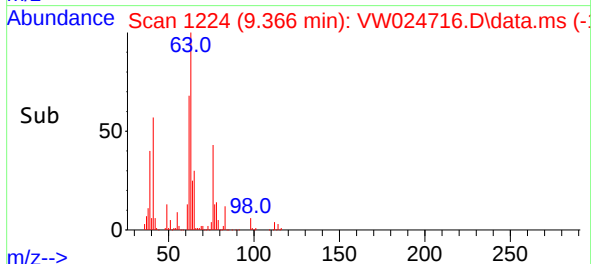
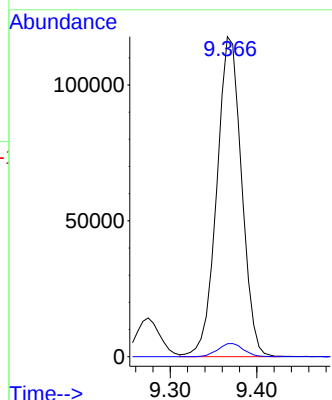
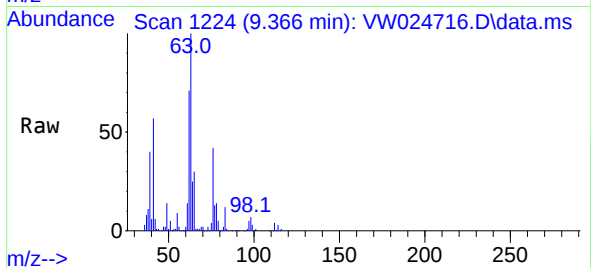
ClientSampleId :

Tgt Ion: 63 Resp: 234631

Ion Ratio Lower Upper

63 100

112 4.2 3.6 5.4



#38

Bromodichloromethane

Concen: 22.402 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024716.D

Acq: 04 Oct 2022 14:22

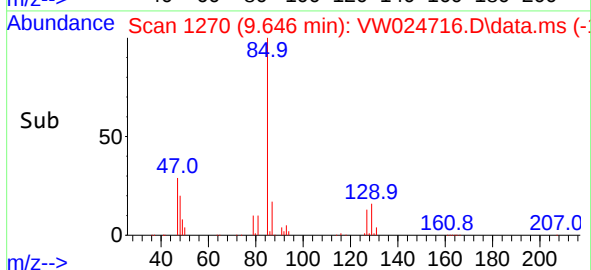
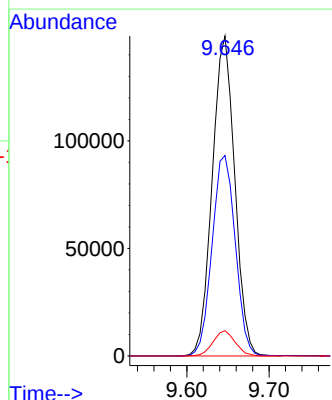
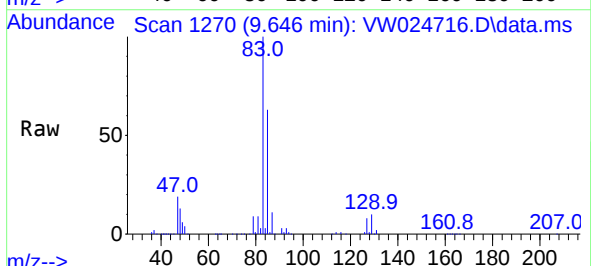
Tgt Ion: 83 Resp: 283306

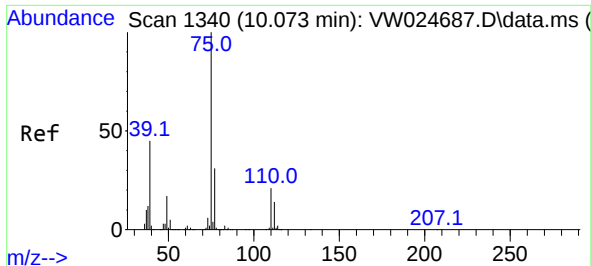
Ion Ratio Lower Upper

83 100

85 62.7 45.6 84.8

127 7.9 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 21.774 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024716.D

Acq: 04 Oct 2022 14:22

Instrument :

MSVOA_W

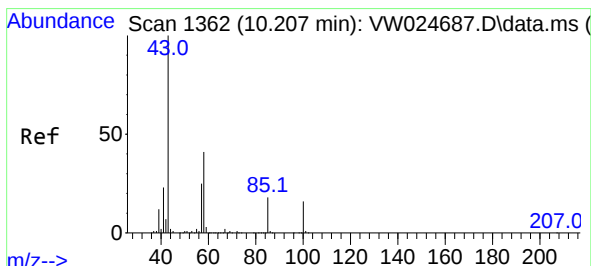
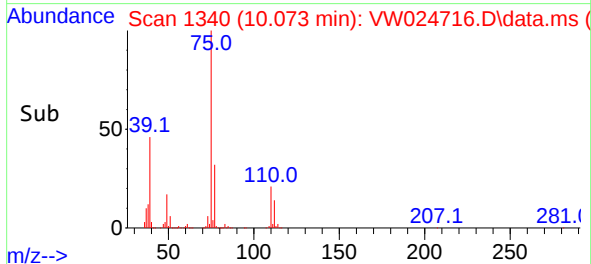
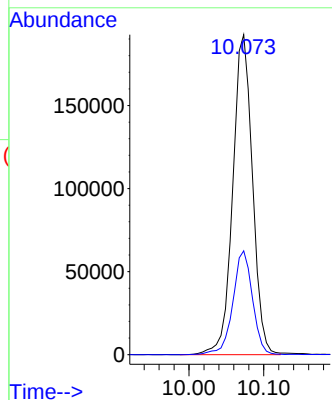
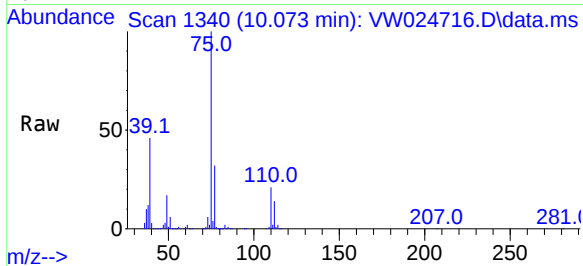
ClientSampleId :

Tgt Ion: 75 Resp: 353993

Ion Ratio Lower Upper

75 100

77 32.5 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 49.480 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024716.D

Acq: 04 Oct 2022 14:22

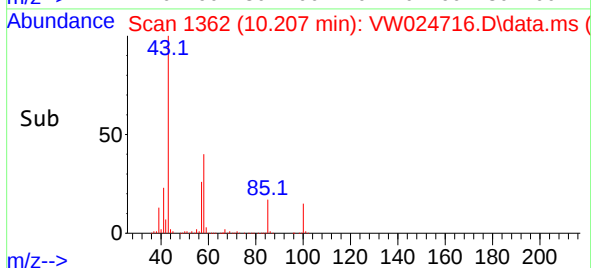
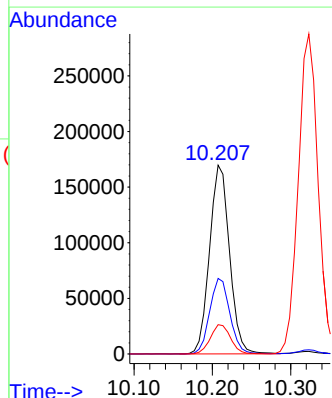
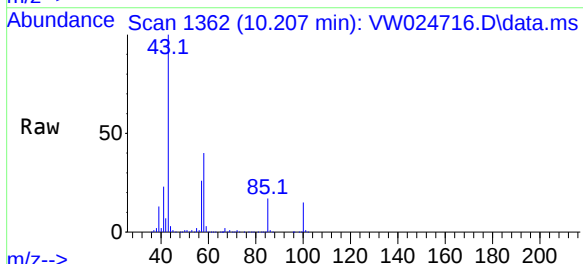
Tgt Ion: 43 Resp: 301103

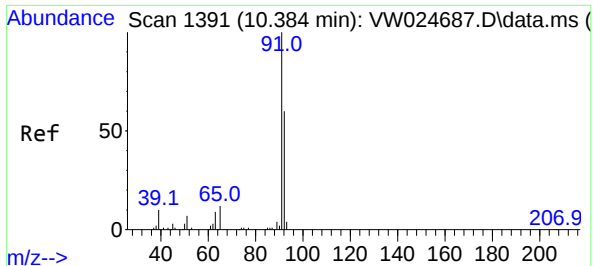
Ion Ratio Lower Upper

43 100

58 40.4 32.9 49.3

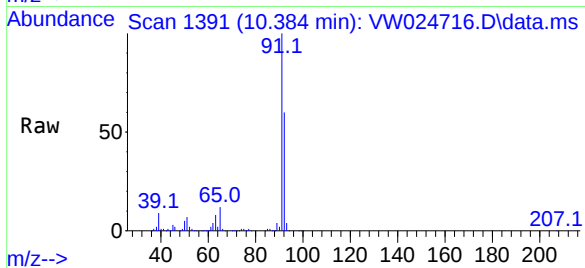
100 15.7 12.6 19.0



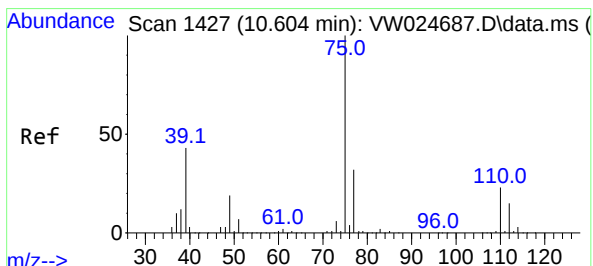
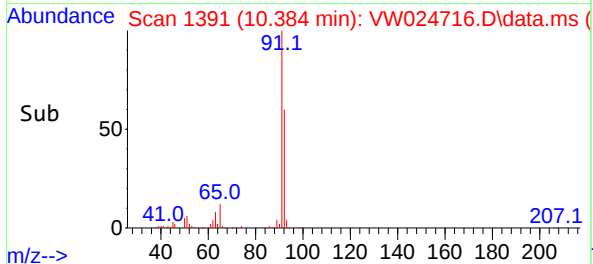
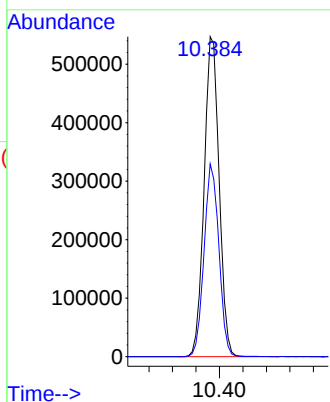


#42
Toluene
Concen: 22.505 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

Instrument :
MSVOA_W
ClientSampleId :

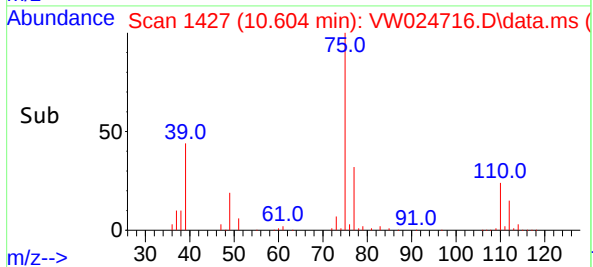
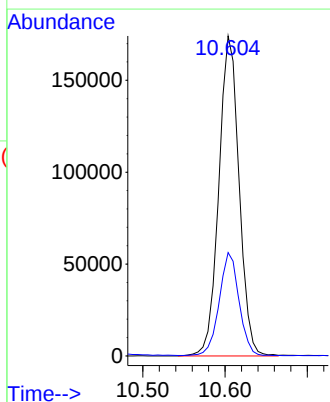
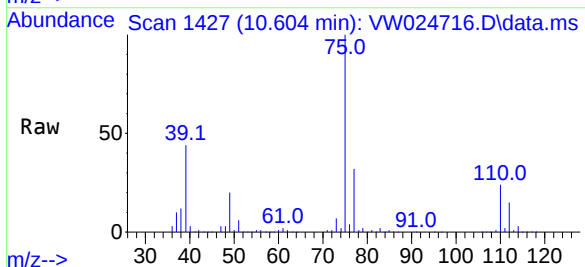


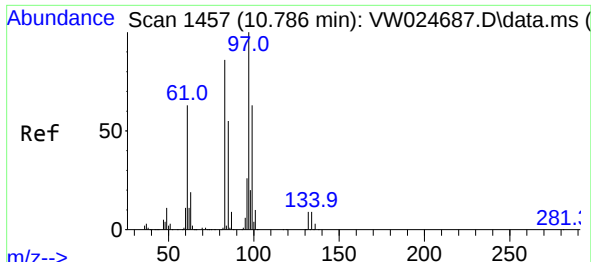
Tgt Ion: 91 Resp: 967845
Ion Ratio Lower Upper
91 100
92 60.2 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 21.415 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

Tgt Ion: 75 Resp: 298496
Ion Ratio Lower Upper
75 100
77 32.3 21.3 39.6



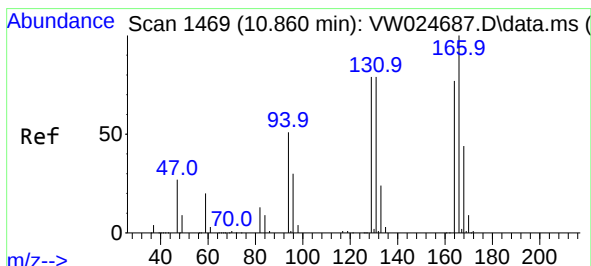
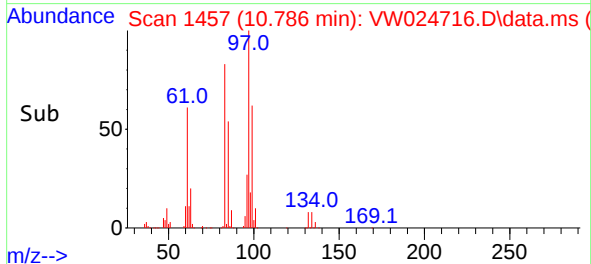
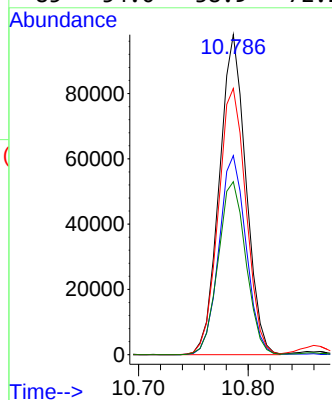
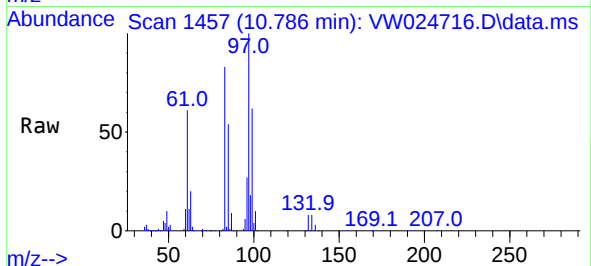


#45
1,1,2-Trichloroethane
Concen: 23.578 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 165572

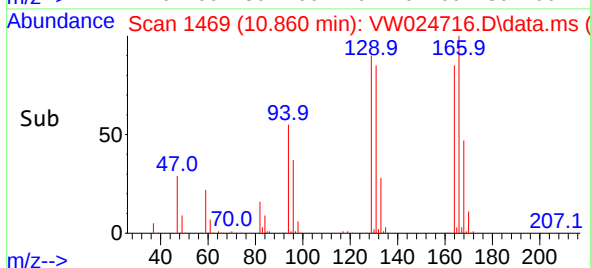
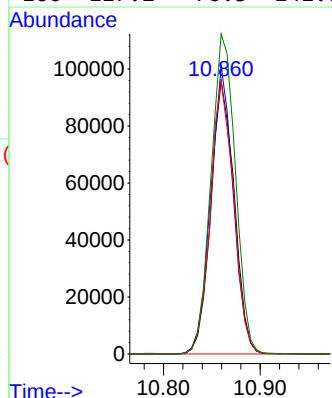
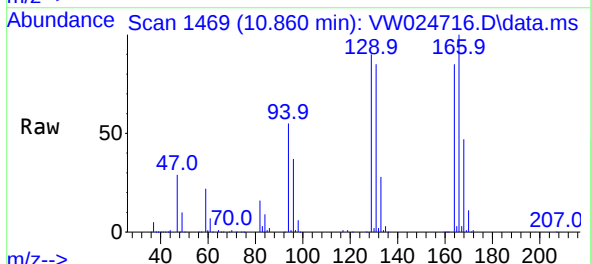
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.8	81.4
83	83.2	60.1	111.5
85	54.0	38.9	72.2

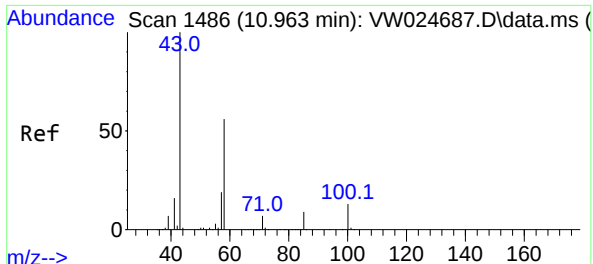


#46
Tetrachloroethene
Concen: 22.470 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

Tgt Ion: 164 Resp: 161150

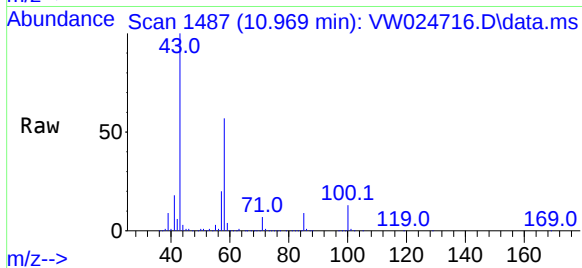
Ion	Ratio	Lower	Upper
164	100		
129	105.4	74.1	137.5
131	99.8	71.5	132.7
166	117.2	76.3	141.7



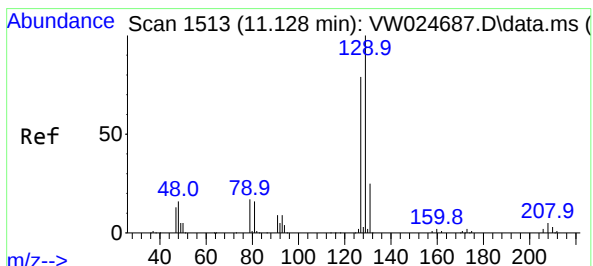
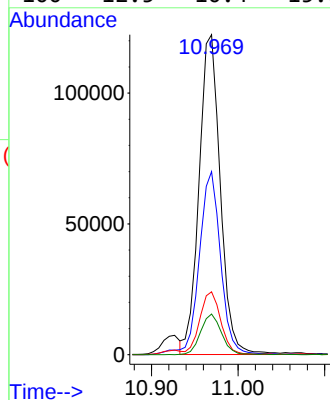
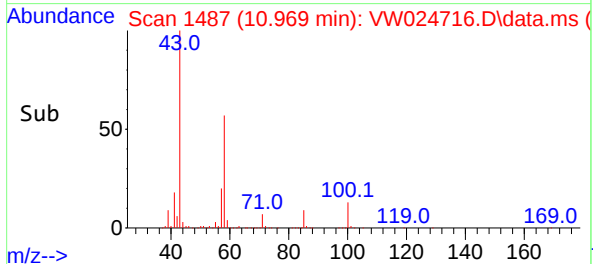


#48
2-Hexanone
Concen: 50.799 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

Instrument :
MSVOA_W
ClientSampleId :

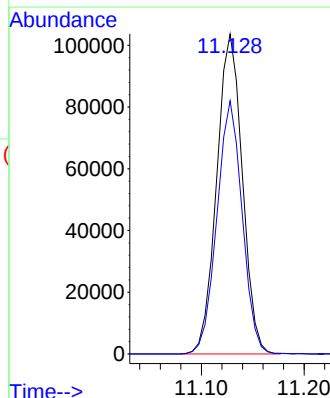
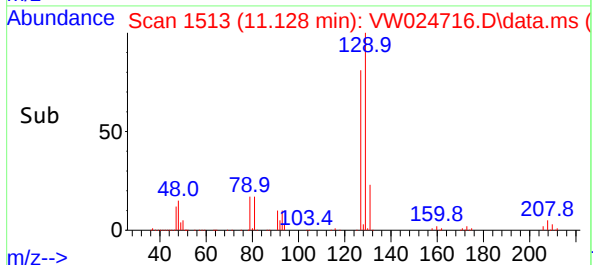
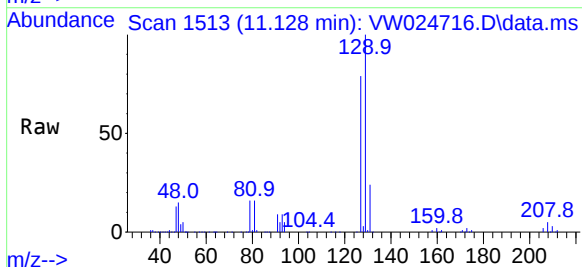


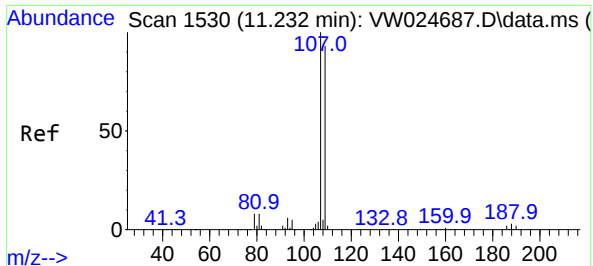
Tgt Ion: 43 Resp: 209035
Ion Ratio Lower Upper
43 100
58 56.4 45.3 67.9
57 19.5 16.3 24.5
100 12.5 10.4 15.6



#49
Dibromochloromethane
Concen: 22.710 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

Tgt Ion: 129 Resp: 179583
Ion Ratio Lower Upper
129 100
127 79.1 52.4 97.4





#50

1,2-Dibromoethane

Concen: 23.526 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.006 min

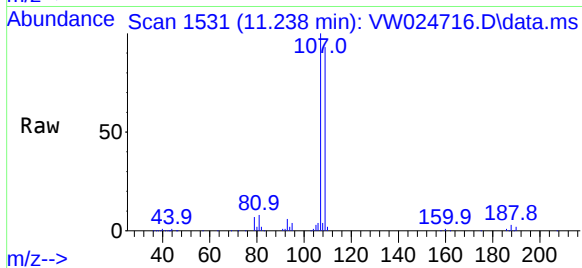
Lab File: VW024716.D

Acq: 04 Oct 2022 14:22

Instrument :

MSVOA_W

ClientSampleId :



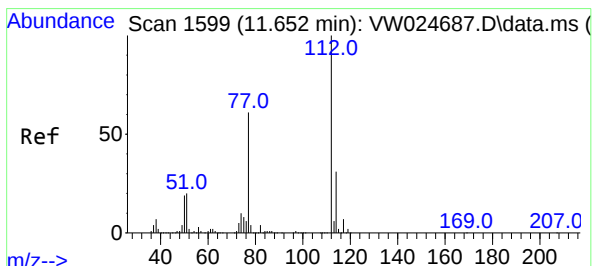
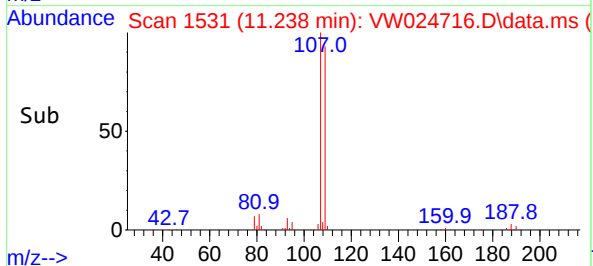
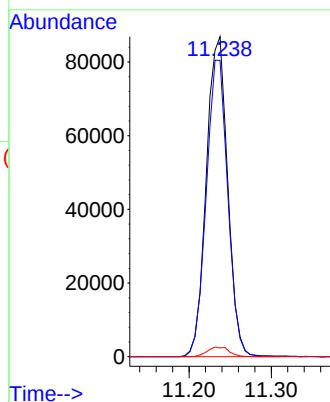
Tgt Ion:107 Resp: 156375

Ion Ratio Lower Upper

107 100

109 92.6 65.5 121.7

188 2.8 2.4 3.6



#51

Chlorobenzene

Concen: 22.753 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW024716.D

Acq: 04 Oct 2022 14:22

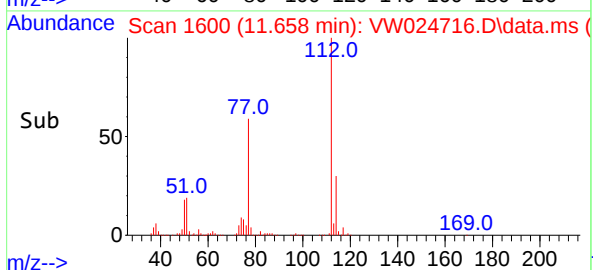
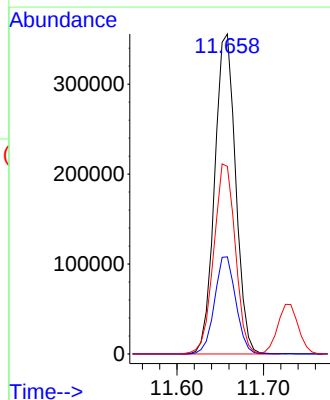
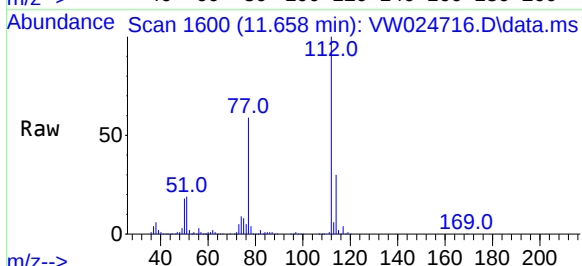
Tgt Ion:112 Resp: 599120

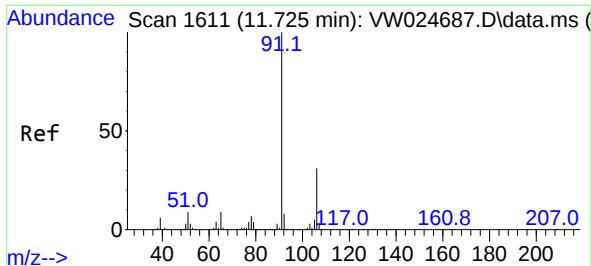
Ion Ratio Lower Upper

112 100

114 30.4 23.3 43.3

77 58.6 49.1 73.7

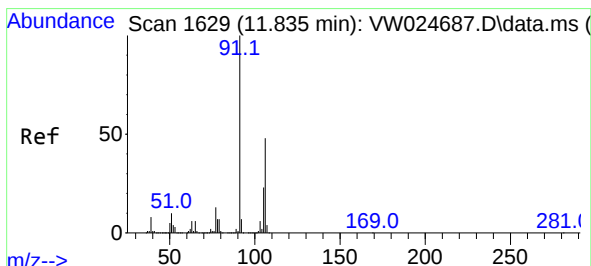
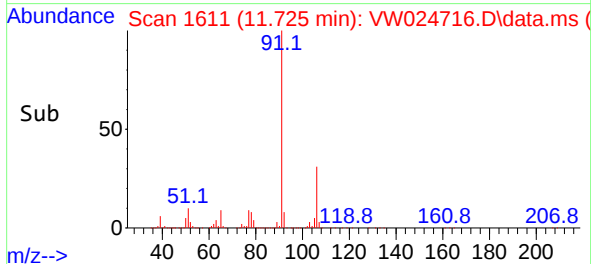
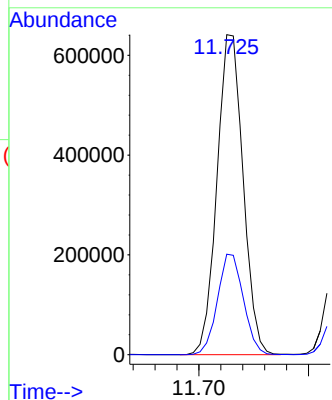
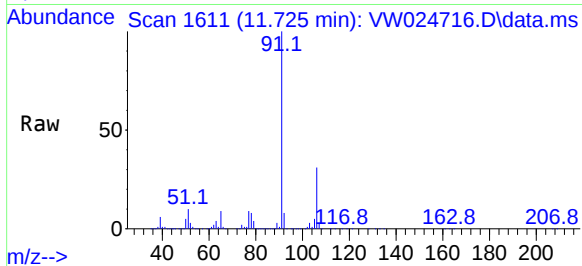




#52
Ethylbenzene
Concen: 22.419 ug/L
RT: 11.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

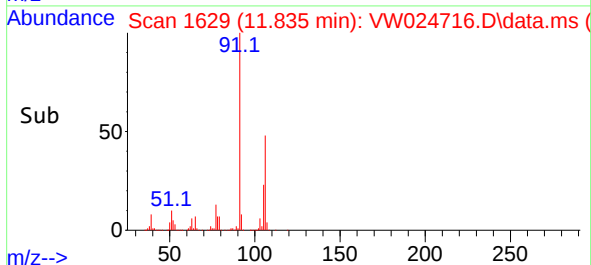
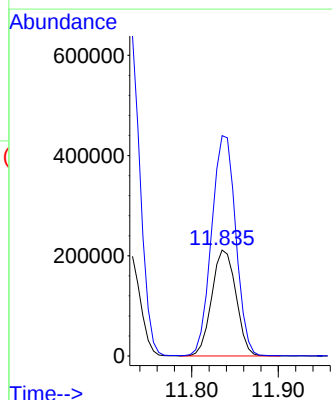
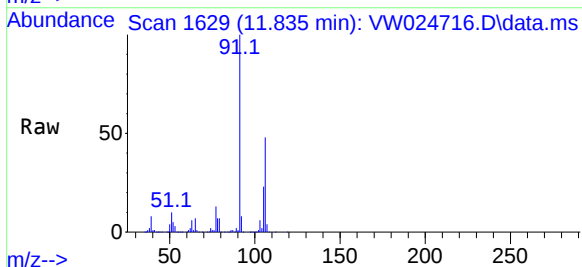
Instrument :
MSVOA_W
ClientSampleId :

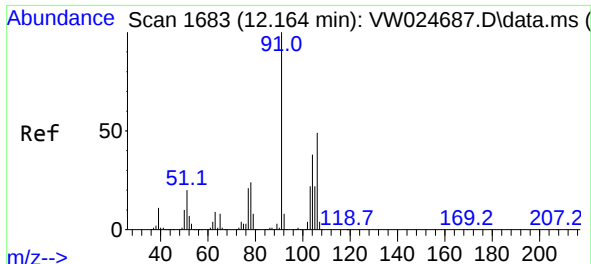
Tgt Ion: 91 Resp: 1061947
Ion Ratio Lower Upper
91 100
106 31.4 21.5 39.9



#53
m,p-Xylene
Concen: 22.209 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

Tgt Ion:106 Resp: 410801
Ion Ratio Lower Upper
106 100
91 208.0 146.8 272.6

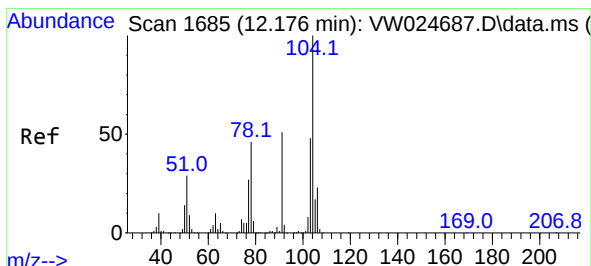
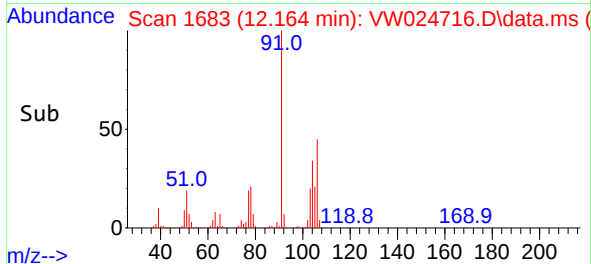
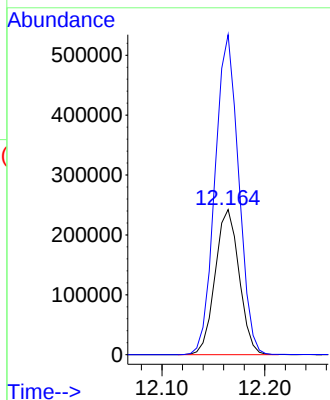
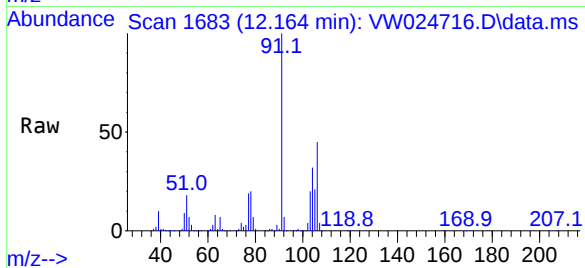




#54
o-Xylene
Concen: 22.469 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

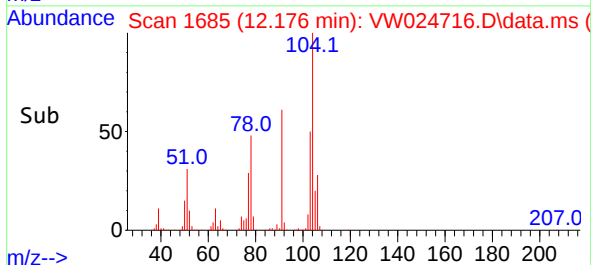
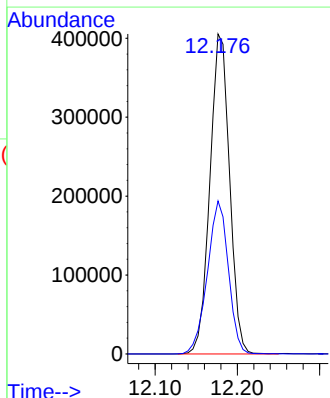
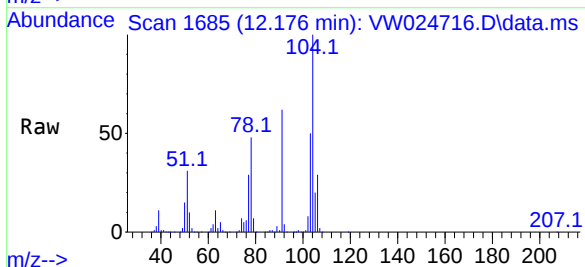
Instrument :
MSVOA_W
ClientSampleId :

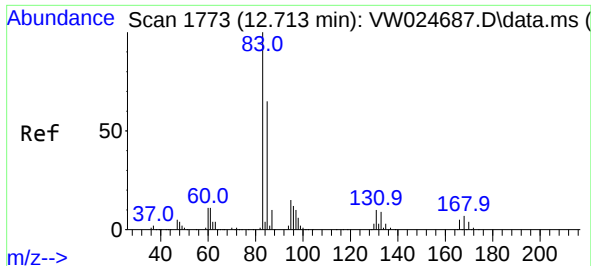
Tgt Ion:106 Resp: 392480
Ion Ratio Lower Upper
106 100
91 220.5 146.3 271.7



#55
Styrene
Concen: 22.867 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

Tgt Ion:104 Resp: 673370
Ion Ratio Lower Upper
104 100
78 47.8 33.5 62.1

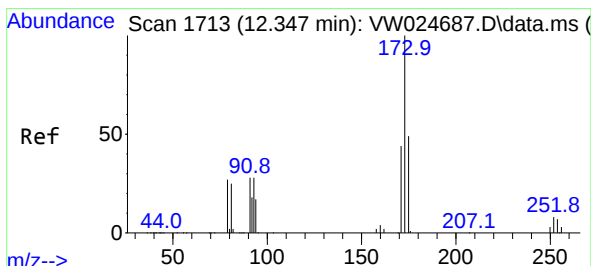
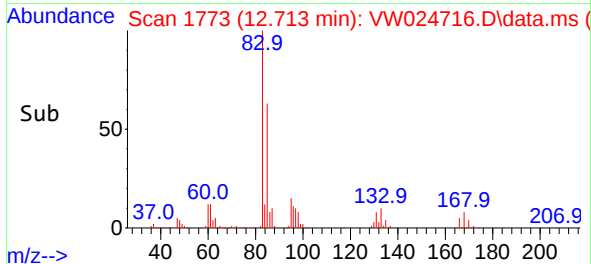
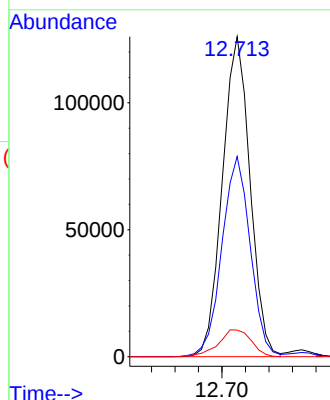
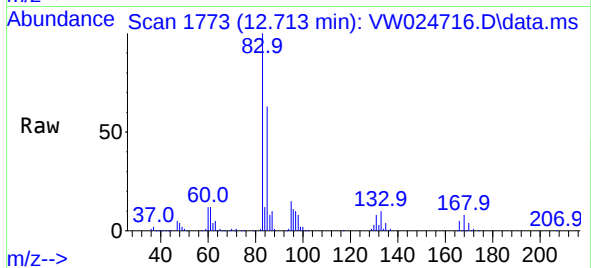




#57
1,1,2,2-Tetrachloroethane
Concen: 25.044 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

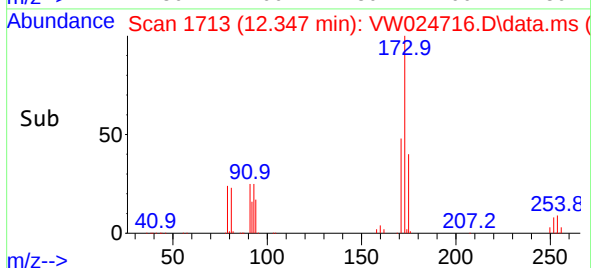
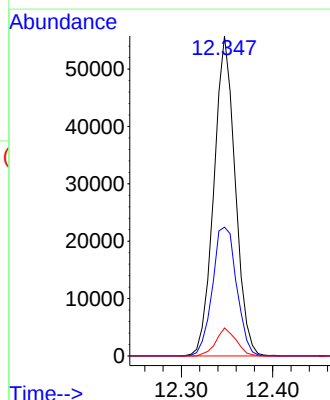
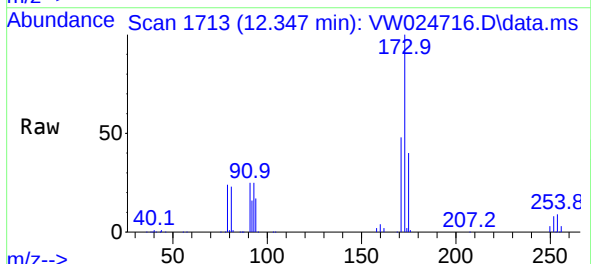
Instrument :
MSVOA_W
ClientSampleId :

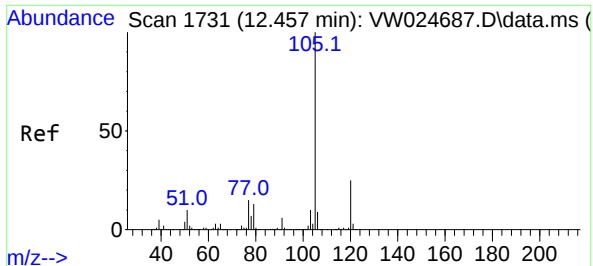
Tgt Ion: 83 Resp: 205917
Ion Ratio Lower Upper
83 100
85 62.6 45.2 84.0
131 8.3 7.3 10.9



#59
Bromoform
Concen: 24.027 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

Tgt Ion:173 Resp: 90296
Ion Ratio Lower Upper
173 100
175 45.6 37.7 56.5
254 8.3 6.7 10.1

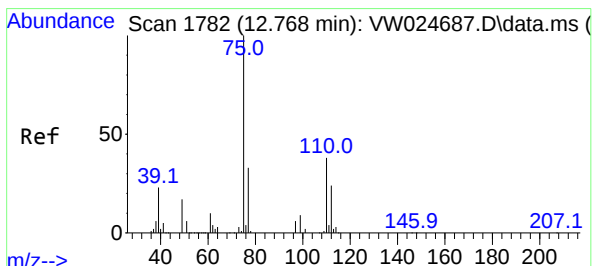
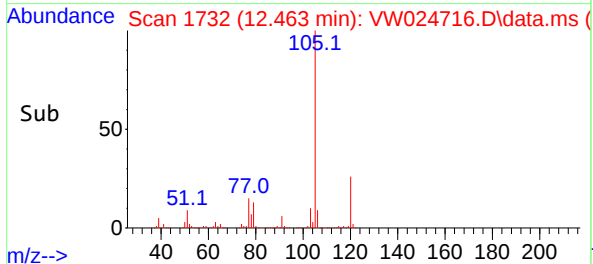
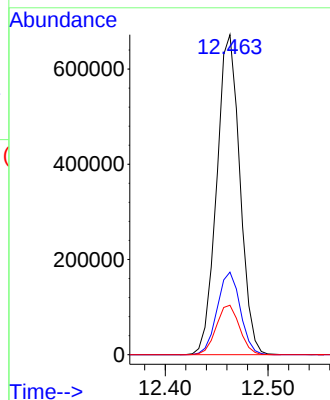
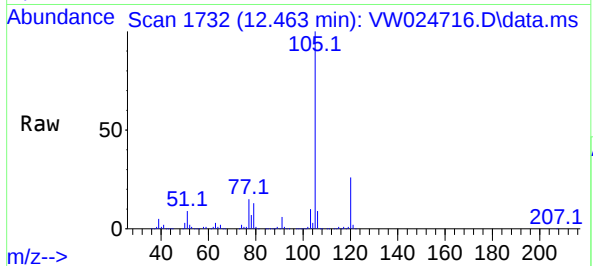




#60
Isopropylbenzene
Concen: 24.254 ug/L
RT: 12.463 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

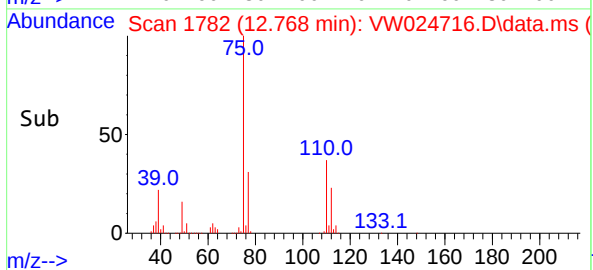
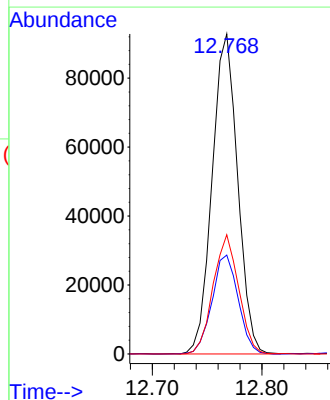
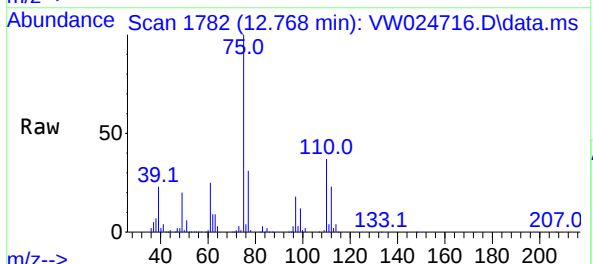
Instrument :
MSVOA_W
ClientSampleId :

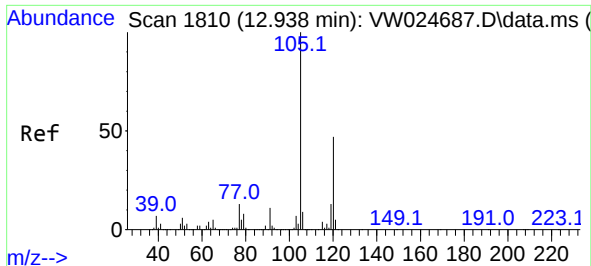
Tgt Ion:105 Resp: 1050955
Ion Ratio Lower Upper
105 100
120 25.8 20.9 31.3
77 15.6 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 26.205 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

Tgt Ion: 75 Resp: 150072
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.6
110 37.3 29.2 43.8





#62

1,3,5-Trimethylbenzene

Concen: 23.682 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024716.D

Acq: 04 Oct 2022 14:22

Instrument :

MSVOA_W

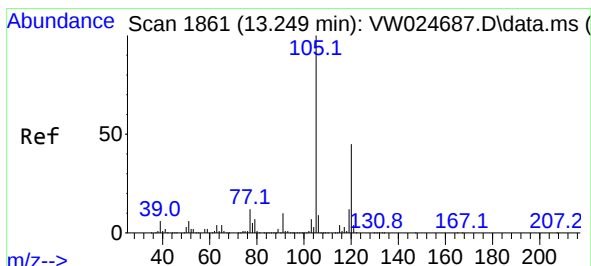
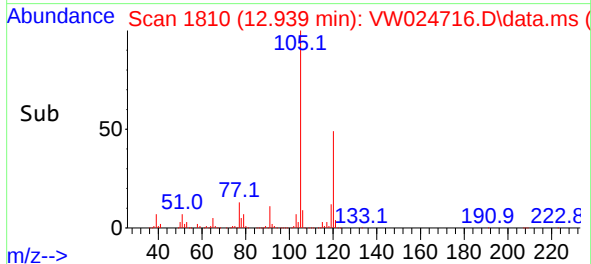
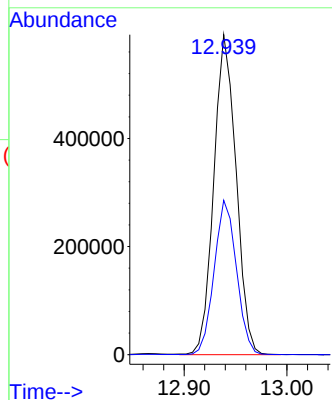
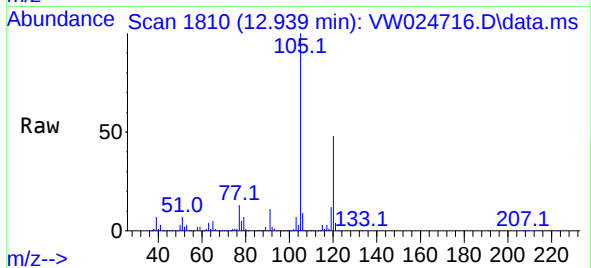
ClientSampleId :

Tgt Ion:105 Resp: 891898

Ion Ratio Lower Upper

105 100

120 48.3 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 23.453 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW024716.D

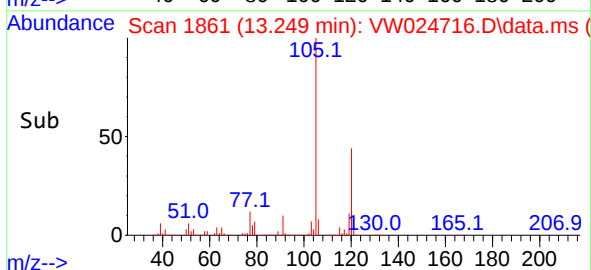
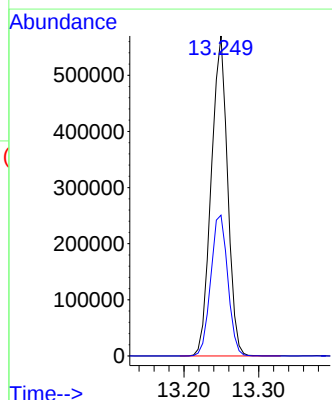
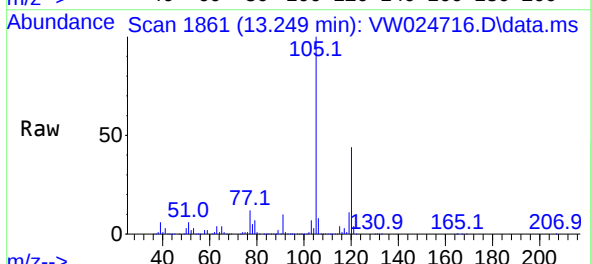
Acq: 04 Oct 2022 14:22

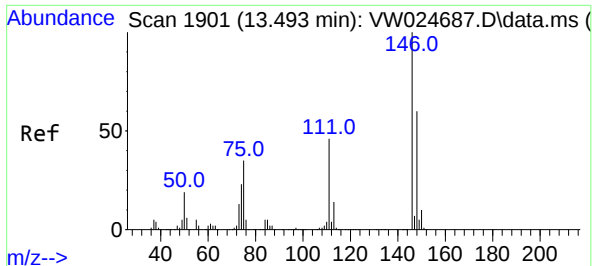
Tgt Ion:105 Resp: 865295

Ion Ratio Lower Upper

105 100

120 45.7 35.2 52.8

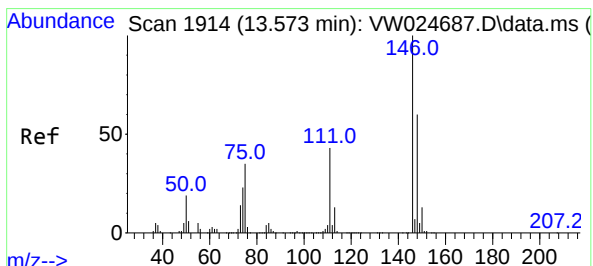
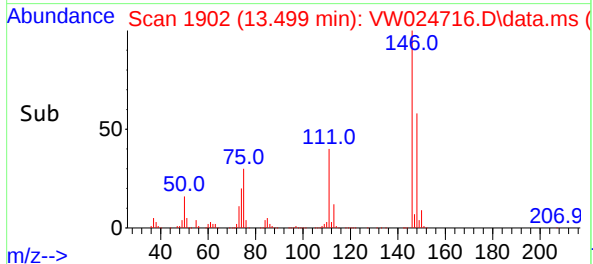
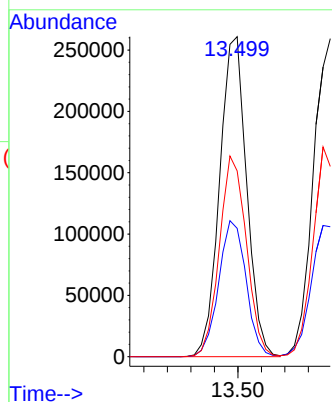
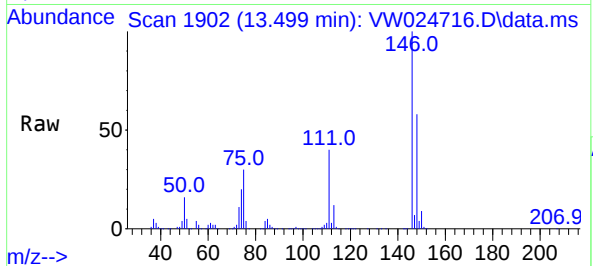




#64
1,3-Dichlorobenzene
Concen: 23.672 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

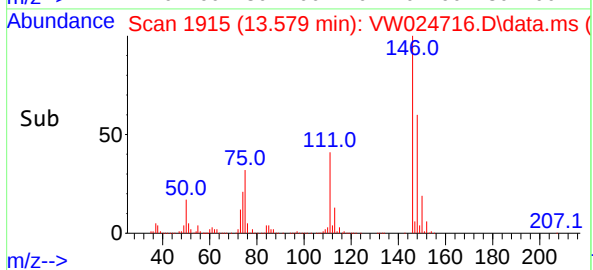
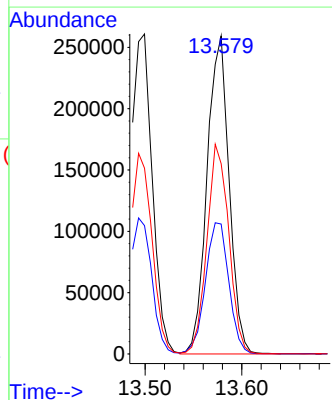
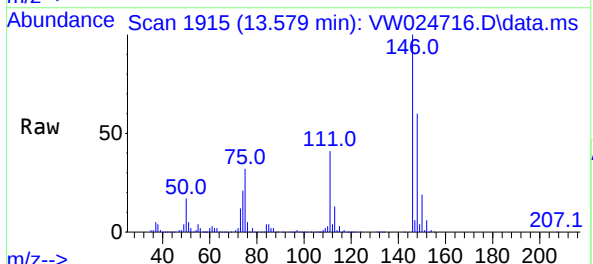
Instrument :
MSVOA_W
ClientSampleId :

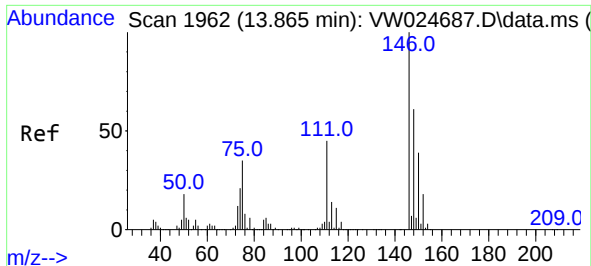
Tgt Ion:146 Resp: 416718
Ion Ratio Lower Upper
146 100
111 40.1 31.6 58.6
148 58.1 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 24.012 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

Tgt Ion:146 Resp: 411489
Ion Ratio Lower Upper
146 100
111 40.8 29.4 54.6
148 59.8 39.6 73.6





#67

1,2-Dichlorobenzene

Concen: 23.870 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024716.D

Acq: 04 Oct 2022 14:22

Instrument :

MSVOA_W

ClientSampleId :

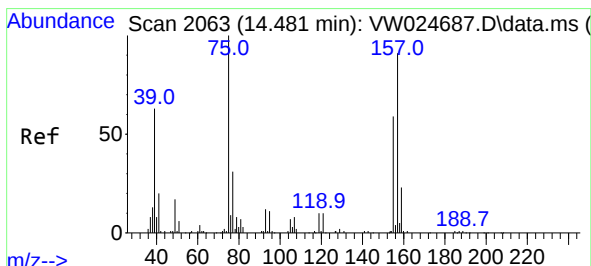
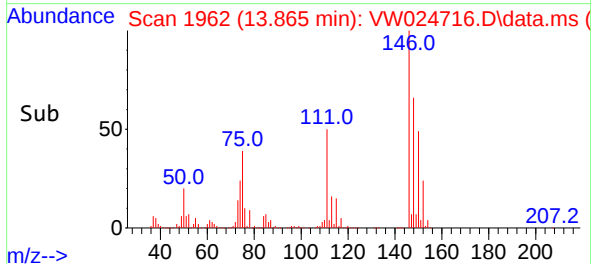
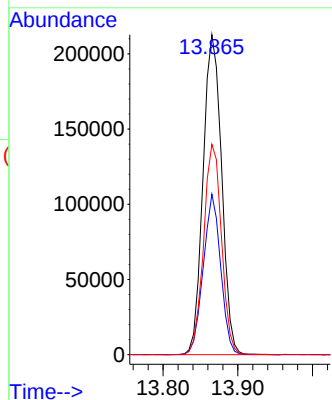
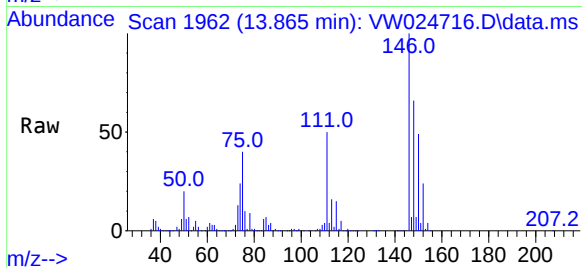
Tgt Ion:146 Resp: 365998

Ion Ratio Lower Upper

146 100

111 50.1 37.2 55.8

148 65.7 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 23.421 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024716.D

Acq: 04 Oct 2022 14:22

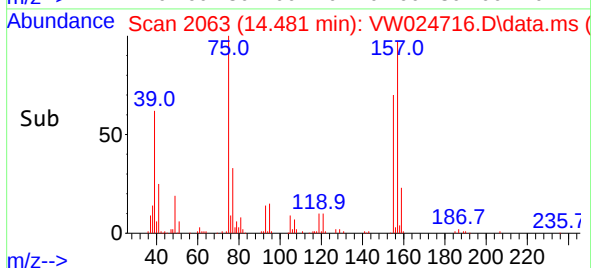
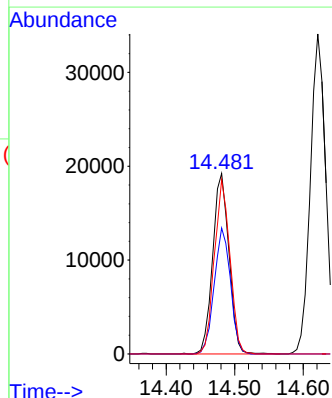
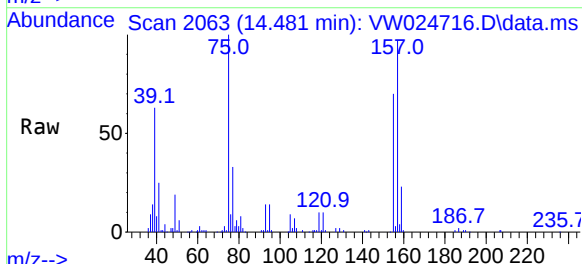
Tgt Ion: 75 Resp: 31719

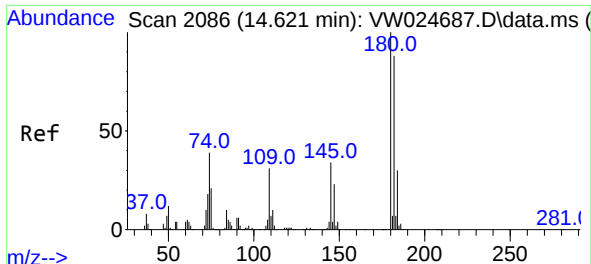
Ion Ratio Lower Upper

75 100

155 69.8 57.6 86.4

157 96.5 73.0 109.6





#69

1,3,5-Trichlorobenzene

Concen: 22.024 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

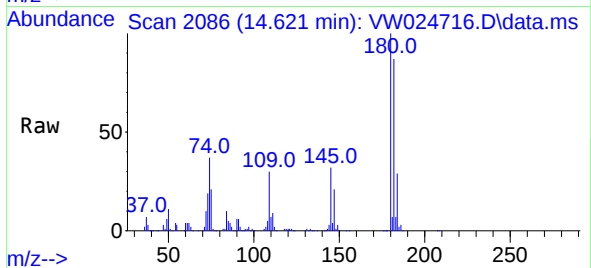
Lab File: VW024716.D

Acq: 04 Oct 2022 14:22

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 257432

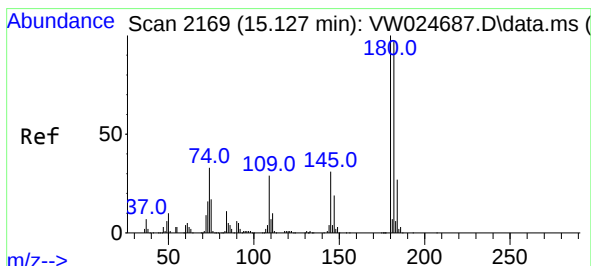
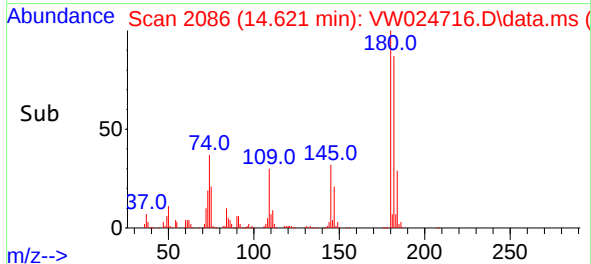
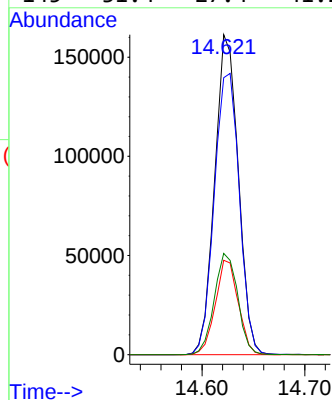
Ion Ratio Lower Upper

180 100

182 93.3 77.1 115.7

184 28.6 23.3 34.9

145 31.4 27.4 41.2



#70

1,2,4-trichlorobenzene

Concen: 20.476 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024716.D

Acq: 04 Oct 2022 14:22

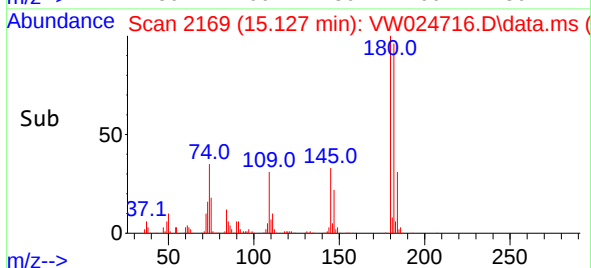
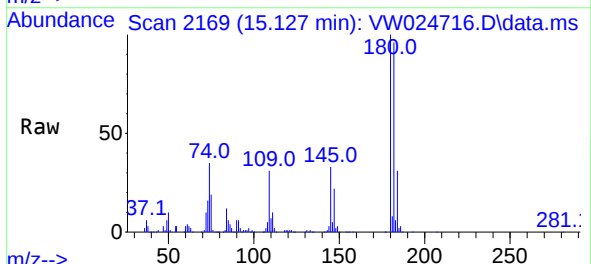
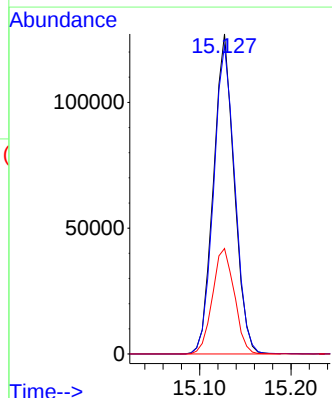
Tgt Ion:180 Resp: 201063

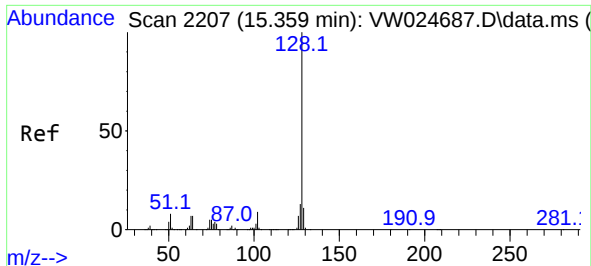
Ion Ratio Lower Upper

180 100

182 98.5 76.8 115.2

145 34.7 29.0 43.4

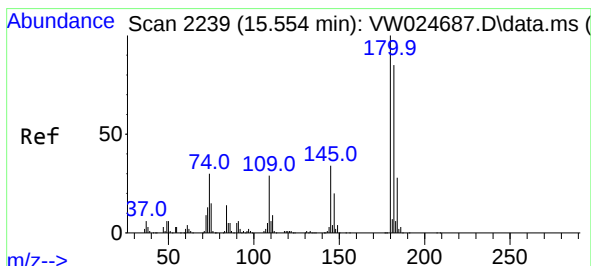
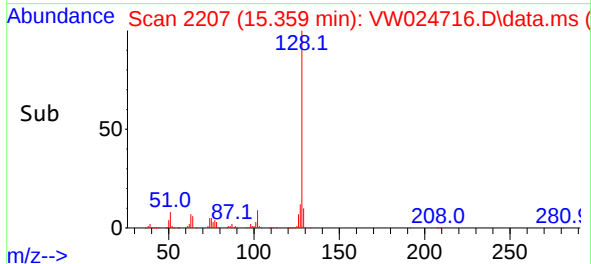
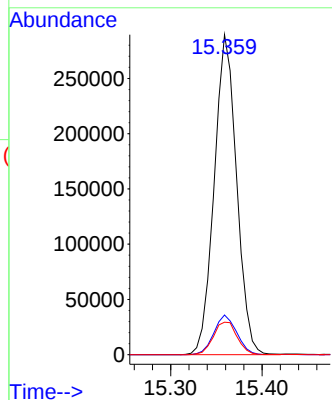
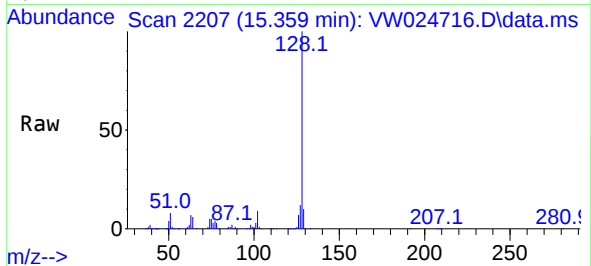




#71
Naphthalene
Concen: 23.076 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 493376
Ion Ratio Lower Upper
128 100
127 12.6 10.6 16.0
129 10.9 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 20.401 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW024716.D
Acq: 04 Oct 2022 14:22

Tgt Ion:180 Resp: 170496
Ion Ratio Lower Upper
180 100
182 94.2 77.4 116.2
145 37.6 30.6 45.8

