

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022724\
 Data File : VW028071.D
 Acq On : 27 Feb 2024 12:39
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 28 00:19:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 28 00:18:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	238654	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	220493	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	125353	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	48105	17.210	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.840%
7) Chloroethane-d5	2.899	69	47372	22.344	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.360%
11) 1,1-Dichloroethene-d2	4.021	65	23249	19.439	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.760%
21) 2-Butanone-d5	7.075	46	32215	74.175	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.340%#
24) Chloroform-d	7.642	84	143344	25.688	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.760%
26) 1,2-Dichloroethane-d4	8.307	65	69339	27.513	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.040%
32) Benzene-d6	8.276	84	265512	22.507	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.040%
36) 1,2-Dichloropropane-d6	9.270	67	75695	23.665	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.680%
41) Toluene-d8	10.319	98	255121	22.602	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	10.575	79	33886	25.761	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.040%
47) 2-Hexanone-d5	10.922	63	32462	74.613	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.220%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	78509	32.839	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.360%#
66) 1,2-Dichlorobenzene-d4	13.848	152	102360	24.025	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	43302	21.070	ug/L	96
3) Chloromethane	2.223	50	45582	20.196	ug/L	98
5) Vinyl chloride	2.375	62	65220	21.320	ug/L	95
6) Bromomethane	2.789	94	52440	24.261	ug/L	98
8) Chloroethane	2.930	64	43770	25.324	ug/L	100
9) Trichlorofluoromethane	3.265	101	53246	19.152	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	67756	24.179	ug/L	97
12) 1,1-Dichloroethene	4.045	96	61583	23.623	ug/L	94
13) Acetone	4.137	43	25473	60.317	ug/L	98
14) Carbon disulfide	4.387	76	150598	19.513	ug/L	98
15) Methyl Acetate	4.673	43	23520	33.454	ug/L	99
16) Methylene chloride	4.917	84	69817	23.405	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	68009	24.282	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	99390	29.934	ug/L	99
19) 1,1-Dichloroethane	6.216	63	119181	26.194	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	80481	27.212	ug/L	98
22) 2-Butanone	7.173	43	34185	70.123	ug/L	97
23) Bromochloromethane	7.508	128	38169	29.053	ug/L	90
25) Chloroform	7.673	83	137833	28.179	ug/L	98

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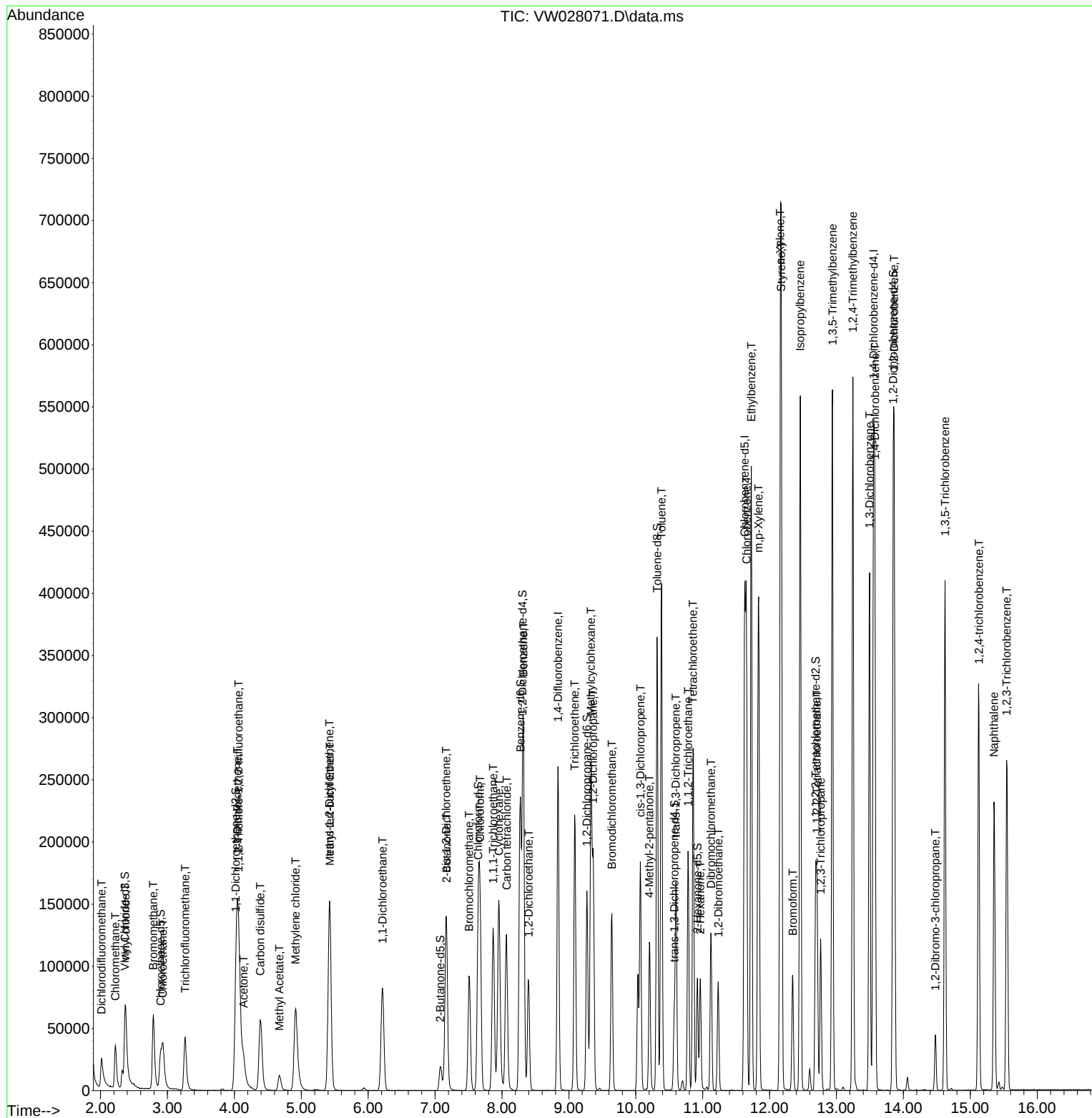
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	85148	31.259	ug/L	95
29) Cyclohexane	7.953	56	87513	22.268	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	112611	26.457	ug/L	99
31) Carbon tetrachloride	8.069	117	102898	26.131	ug/L	99
33) Benzene	8.319	78	280000	25.425	ug/L	100
34) Trichloroethene	9.087	95	76800	24.292	ug/L	98
35) Methylcyclohexane	9.331	83	117772	22.638	ug/L	100
37) 1,2-Dichloropropane	9.361	63	67999	26.276	ug/L	100
38) Bromodichloromethane	9.642	83	100119	28.984	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	115283	27.793	ug/L	98
40) 4-Methyl-2-pentanone	10.203	43	70205	71.875	ug/L	98
42) Toluene	10.386	91	318193	25.770	ug/L	96
44) trans-1,3-Dichloropropene	10.599	75	96911	29.437	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	61896	30.217	ug/L	97
46) Tetrachloroethene	10.855	164	64487	24.242	ug/L	97
48) 2-Hexanone	10.965	43	51039	68.988	ug/L	98
49) Dibromochloromethane	11.123	129	70030	29.988	ug/L	86
50) 1,2-Dibromoethane	11.233	107	58854	30.782	ug/L	87
51) Chlorobenzene	11.654	112	218814	26.644	ug/L	96
52) Ethylbenzene	11.727	91	365592	26.261	ug/L	100
53) m,p-Xylene	11.837	106	143431	26.271	ug/L	93
54) o-Xylene	12.160	106	138277	27.004	ug/L	95
55) Styrene	12.172	104	245734	28.812	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	73763	33.628	ug/L	98
59) Bromoform	12.349	173	41513	28.058	ug/L	93
60) Isopropylbenzene	12.458	105	366752	23.432	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	51361	30.701	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	303499	24.232	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	310088	25.300	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	180402	25.091	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	173492	23.732	ug/L	85
67) 1,2-Dichlorobenzene	13.861	146	160487	25.271	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	11460	34.503	ug/L	85
69) 1,3,5-Trichlorobenzene	14.623	180	131940	25.555	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	105463	25.295	ug/L	95
71) Naphthalene	15.354	128	209062	32.269	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	95379	27.420	ug/L	99

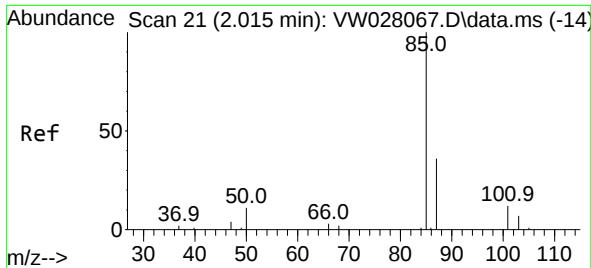
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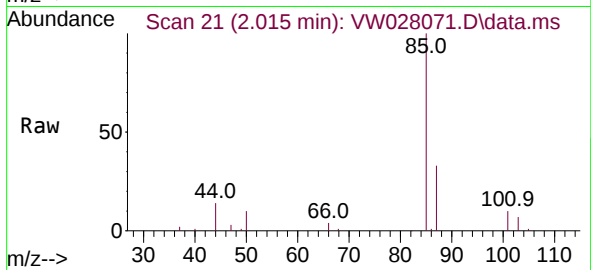
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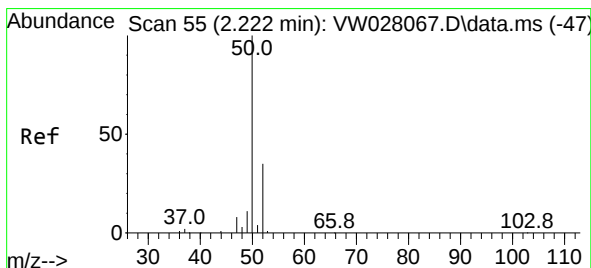
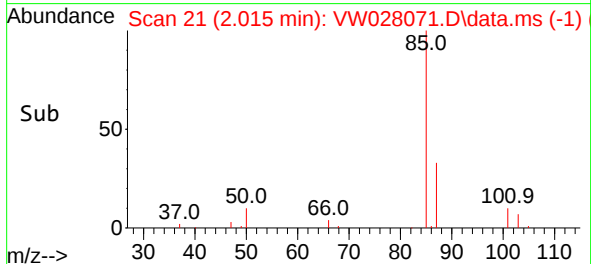
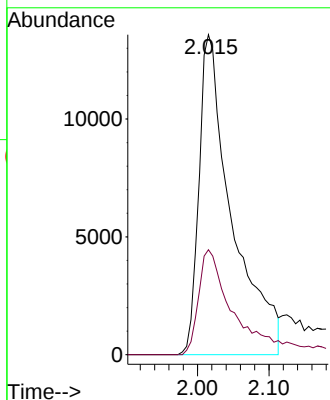


#2
Dichlorodifluoromethane
Concen: 21.070 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

Instrument :
MSVOA_W
ClientSampleId :

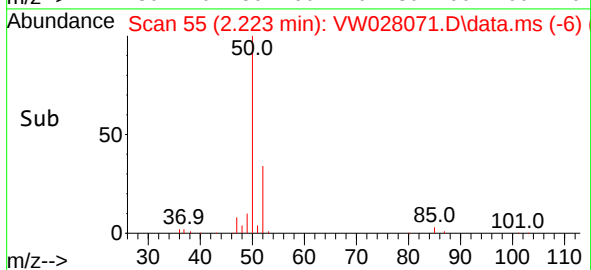
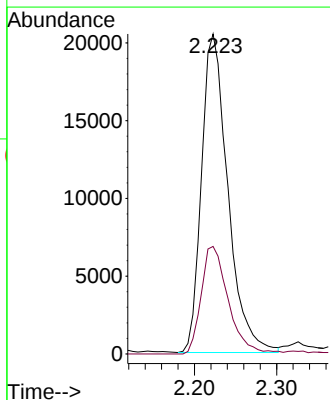
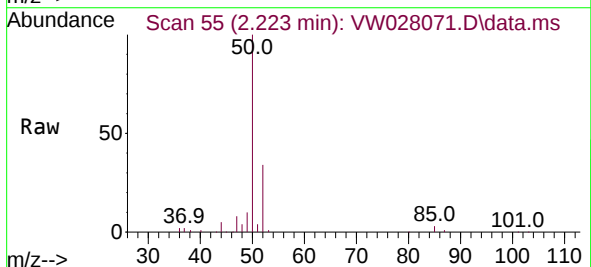


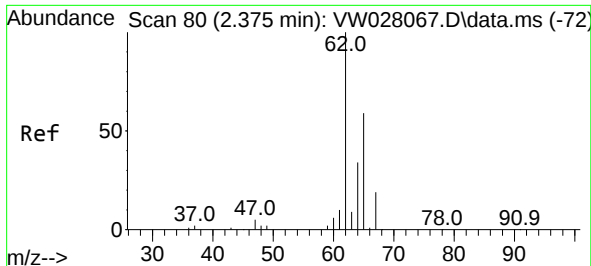
Tgt Ion: 85 Resp: 43302
Ion Ratio Lower Upper
85 100
87 33.6 25.3 37.9



#3
Chloromethane
Concen: 20.196 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

Tgt Ion: 50 Resp: 45582
Ion Ratio Lower Upper
50 100
52 33.6 24.3 45.1

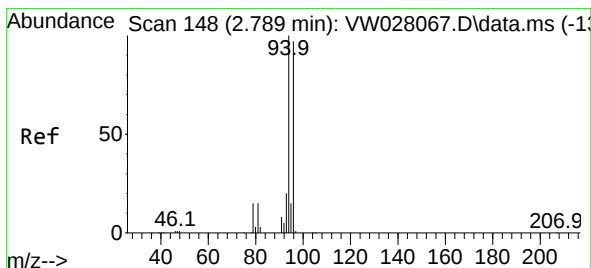
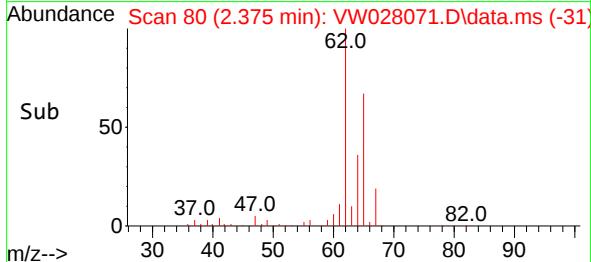
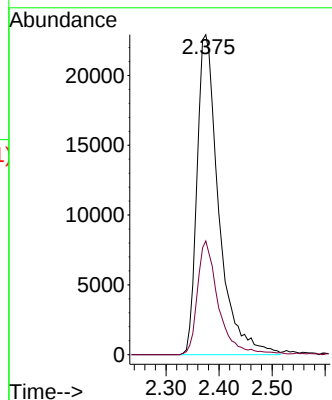
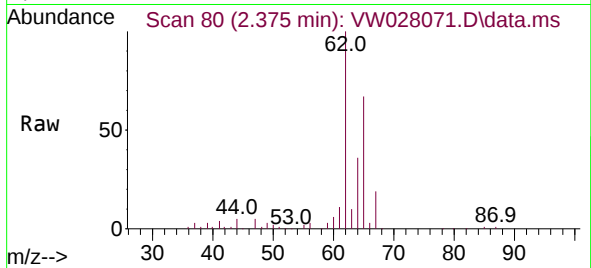




#5
 Vinyl chloride
 Concen: 21.320 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028071.D
 Acq: 27 Feb 2024 12:39

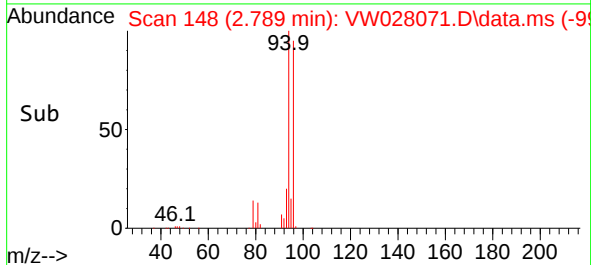
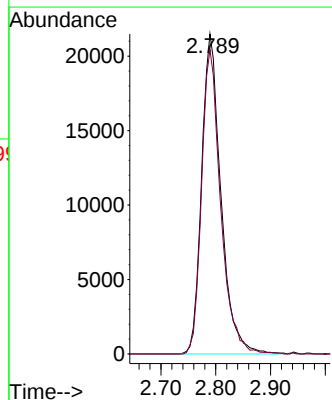
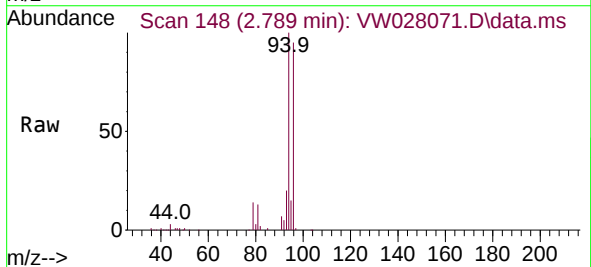
Instrument :
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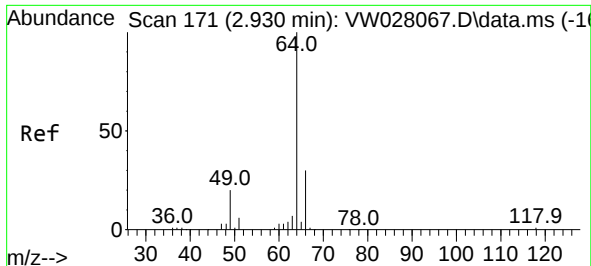
Tgt Ion: 62 Resp: 65220
 Ion Ratio Lower Upper
 62 100
 64 35.5 23.0 42.6



#6
 Bromomethane
 Concen: 24.261 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW028071.D
 Acq: 27 Feb 2024 12:39

Tgt Ion: 94 Resp: 52440
 Ion Ratio Lower Upper
 94 100
 96 95.1 65.3 121.3

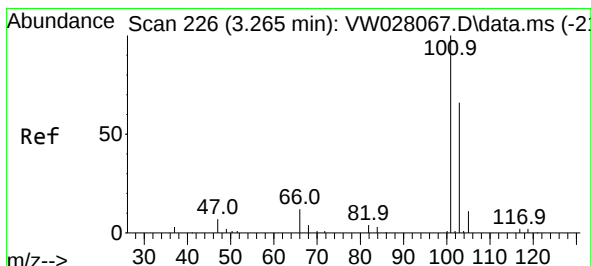
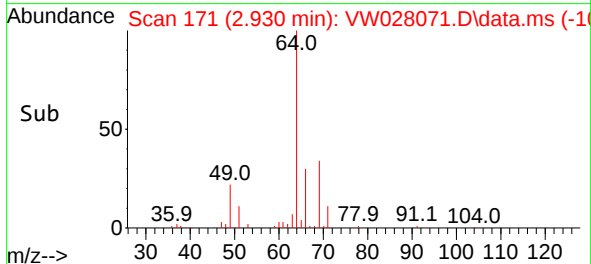
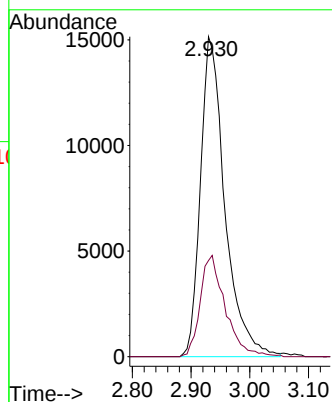
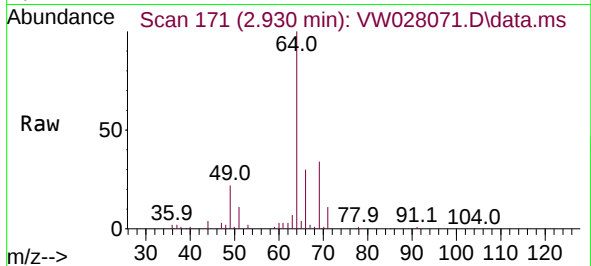




#8
Chloroethane
Concen: 25.324 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

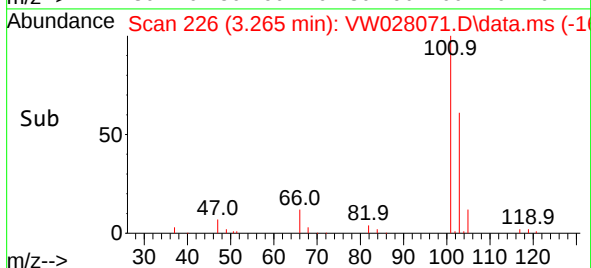
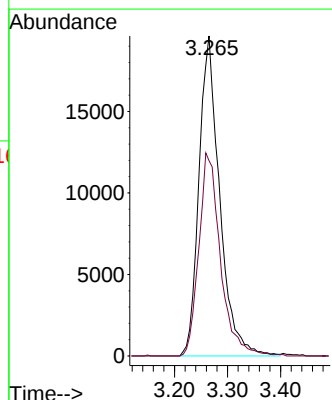
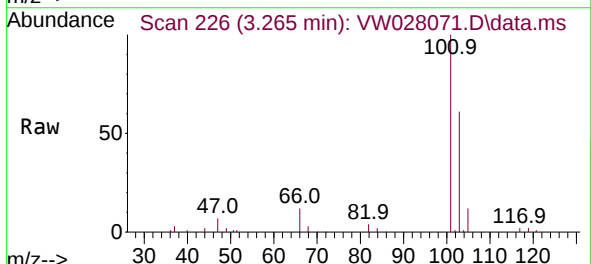
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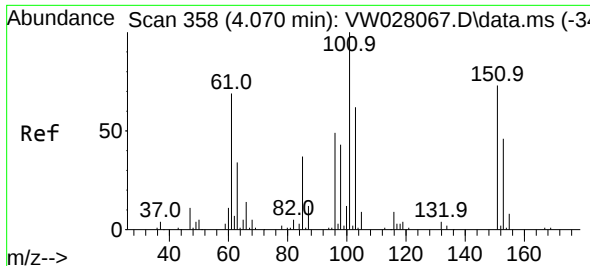
Tgt Ion: 64 Resp: 43770
Ion Ratio Lower Upper
64 100
66 30.0 20.9 38.7



#9
Trichlorofluoromethane
Concen: 19.152 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

Tgt Ion:101 Resp: 53246
Ion Ratio Lower Upper
101 100
103 66.0 51.6 77.4

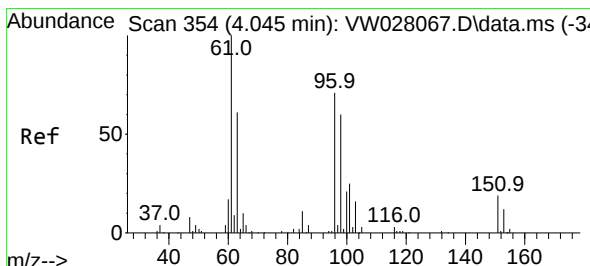
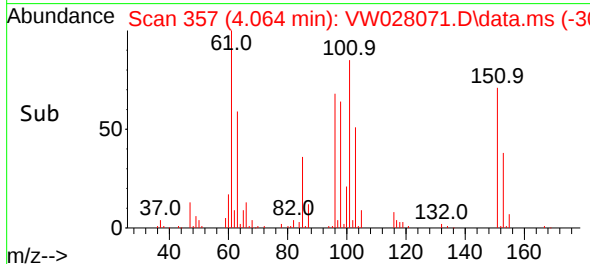
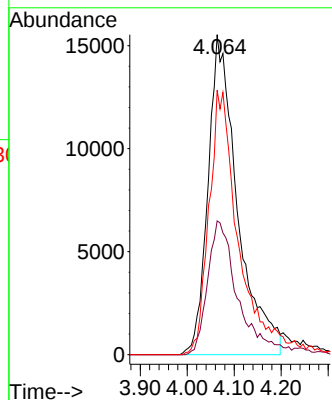
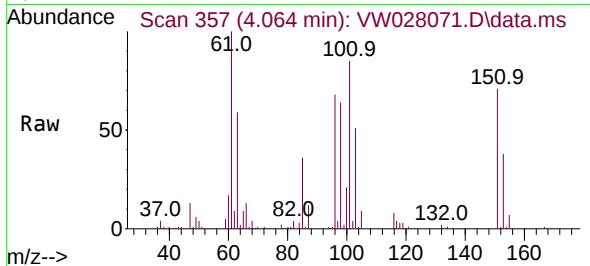




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.179 ug/L
 RT: 4.064 min Scan# 357
 Delta R.T. -0.006 min
 Lab File: VW028071.D
 Acq: 27 Feb 2024 12:39

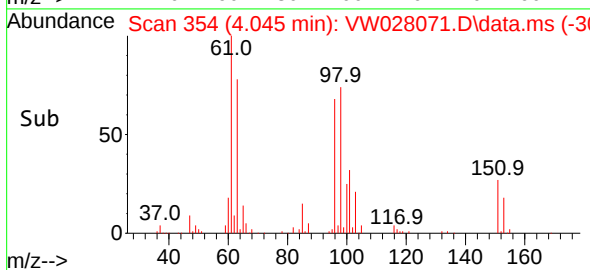
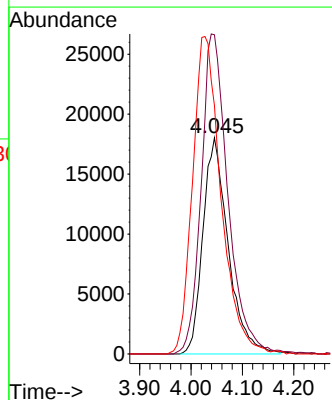
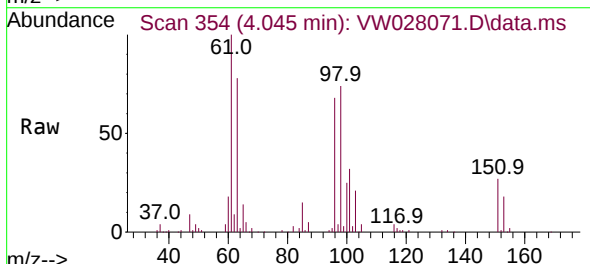
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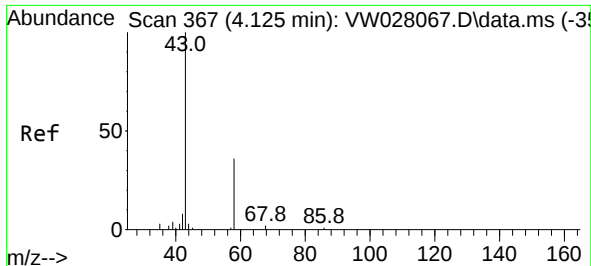
Tgt Ion:101 Resp: 67756
 Ion Ratio Lower Upper
 101 100
 85 37.2 33.8 50.6
 151 78.7 62.6 93.8



#12
 1,1-Dichloroethene
 Concen: 23.623 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW028071.D
 Acq: 27 Feb 2024 12:39

Tgt Ion: 96 Resp: 61583
 Ion Ratio Lower Upper
 96 100
 61 147.7 107.4 199.4
 63 115.0 86.0 159.6





#13

Acetone

Concen: 60.317 ug/L

RT: 4.137 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW028071.D

Acq: 27 Feb 2024 12:39

Instrument :

MSVOA_W

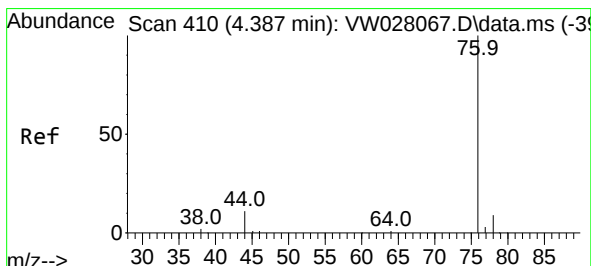
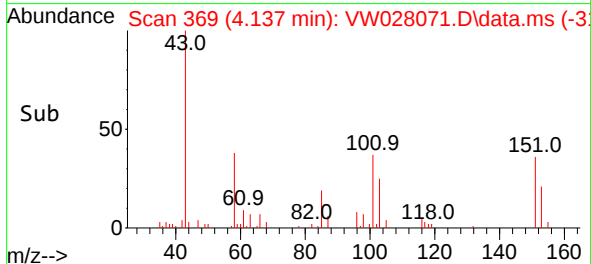
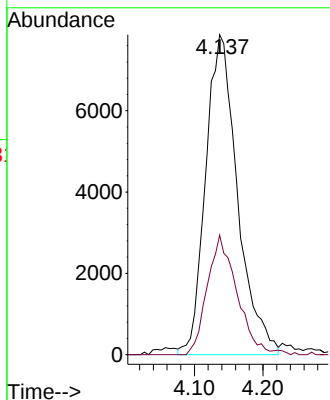
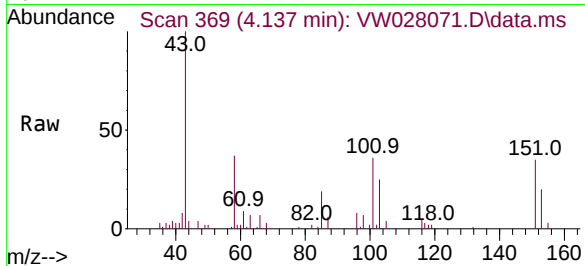
ClientSampleId :

Tgt Ion: 43 Resp: 25473

Ion Ratio Lower Upper

43 100

58 34.3 0.0 66.0



#14

Carbon disulfide

Concen: 19.513 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

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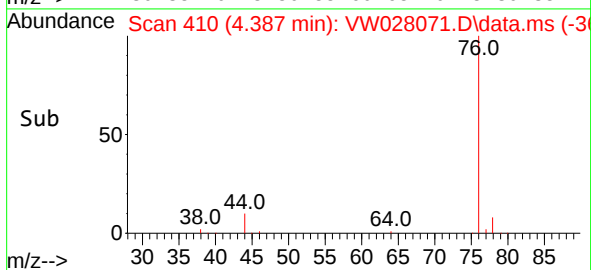
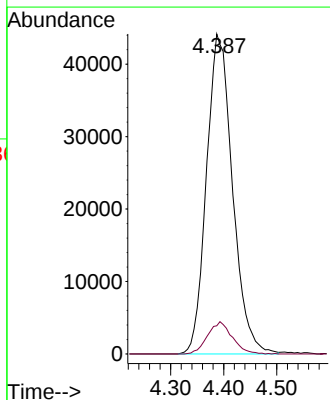
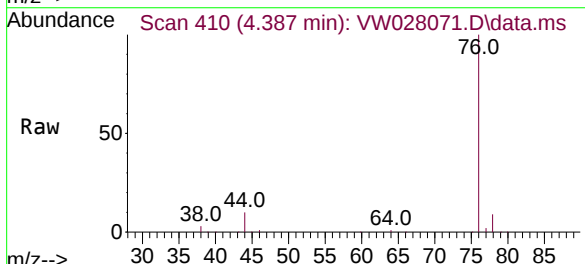
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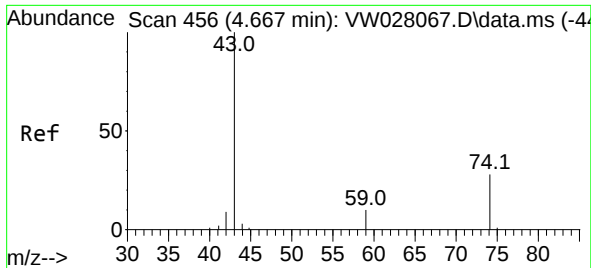
Tgt Ion: 76 Resp: 150598

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3

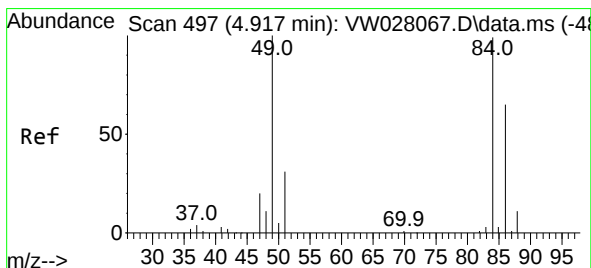
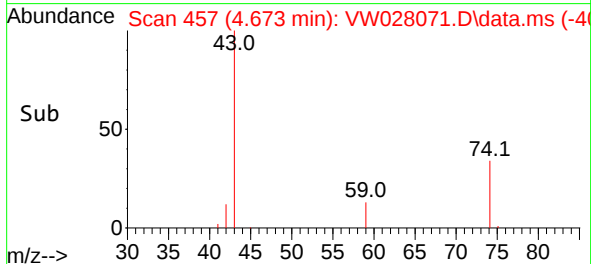
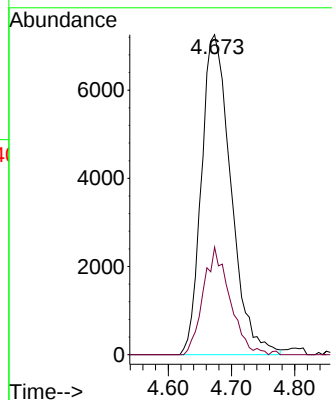
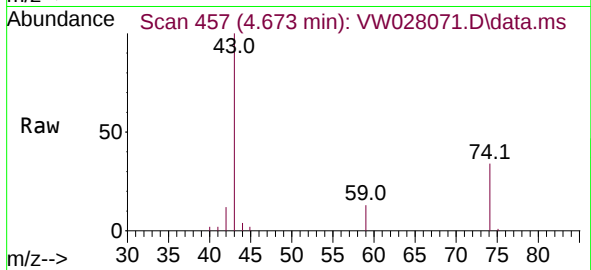




#15
Methyl Acetate
Concen: 33.454 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

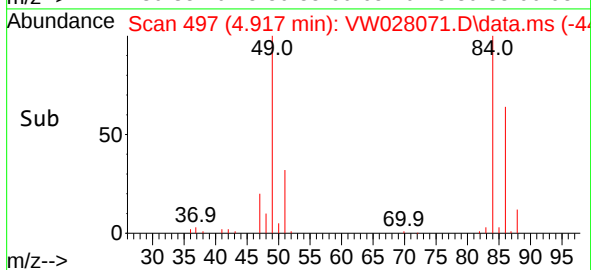
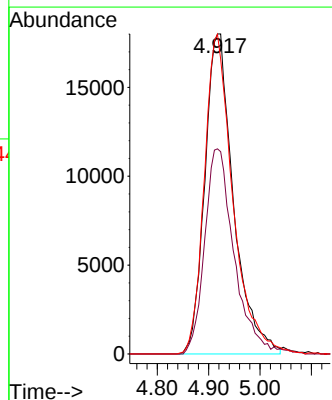
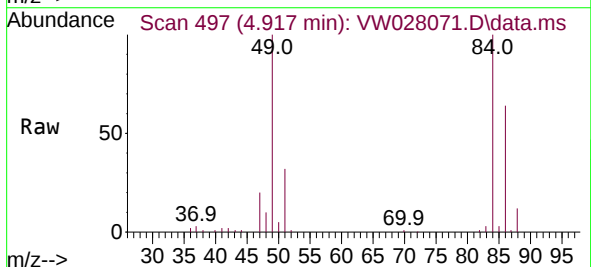
Instrument :
MSVOA_W
ClientSampleId :

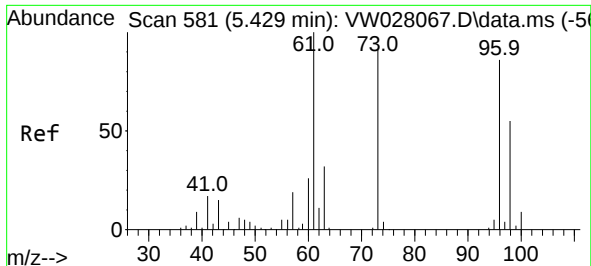
Tgt Ion: 43 Resp: 23520
Ion Ratio Lower Upper
43 100
74 29.9 24.2 36.2



#16
Methylene chloride
Concen: 23.405 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

Tgt Ion: 84 Resp: 69817
Ion Ratio Lower Upper
84 100
86 64.1 45.4 84.4
49 99.9 66.3 123.1





#17

trans-1,2-Dichloroethene

Concen: 24.282 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW028071.D

Acq: 27 Feb 2024 12:39

Instrument :

MSVOA_W

ClientSampleId :

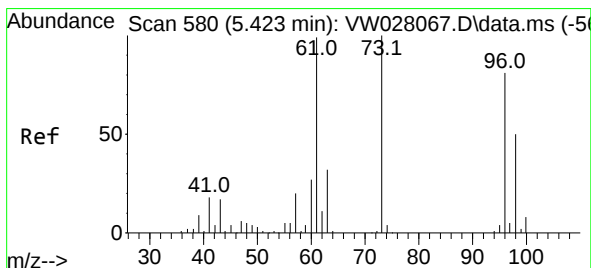
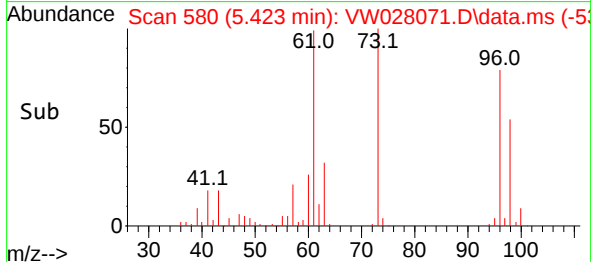
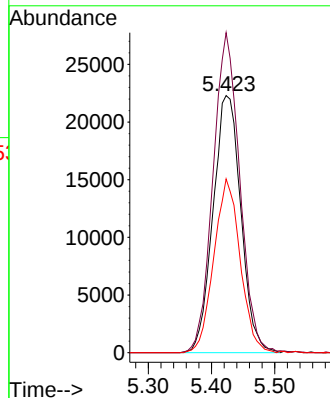
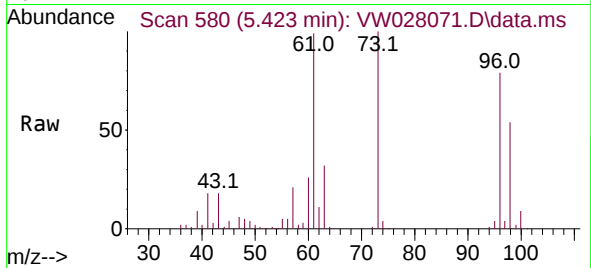
Tgt Ion: 96 Resp: 68009

Ion Ratio Lower Upper

96 100

61 124.4 80.1 148.7

98 67.6 43.8 81.4



#18

Methyl tert-butyl Ether

Concen: 29.934 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW028071.D

Acq: 27 Feb 2024 12:39

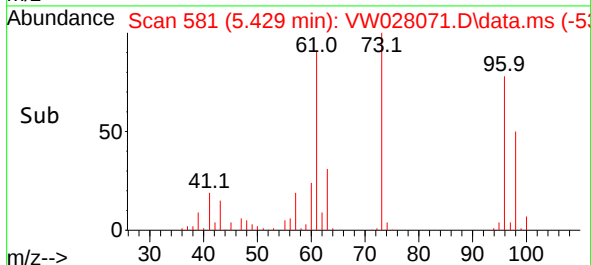
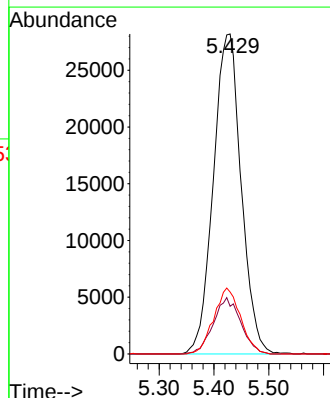
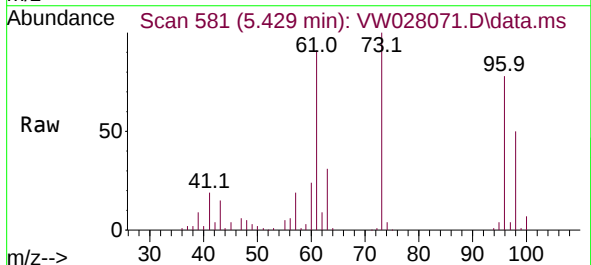
Tgt Ion: 73 Resp: 99390

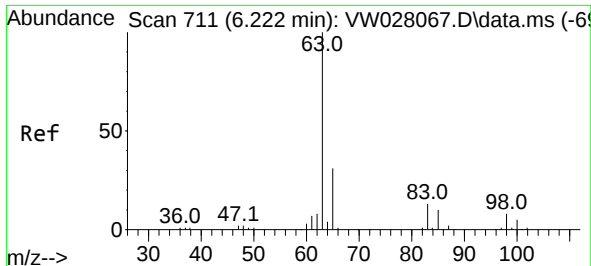
Ion Ratio Lower Upper

73 100

43 17.4 13.4 20.0

57 19.8 16.3 24.5

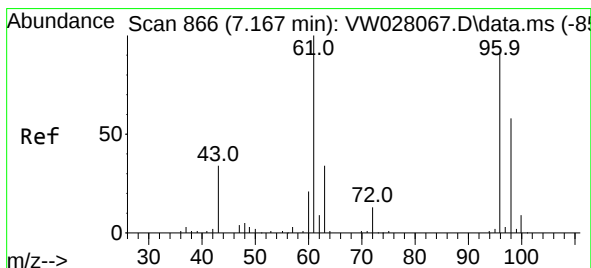
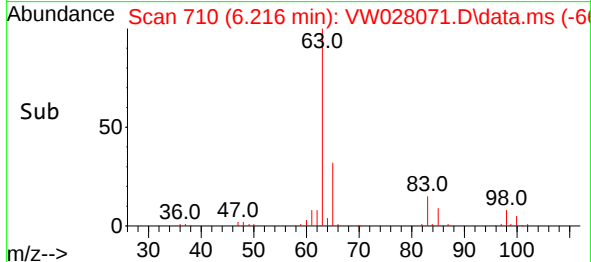
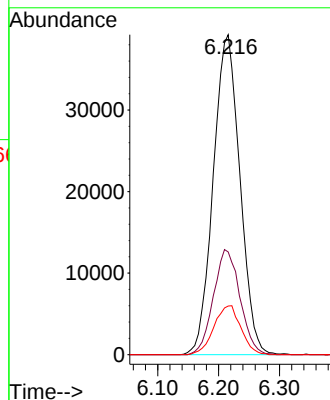
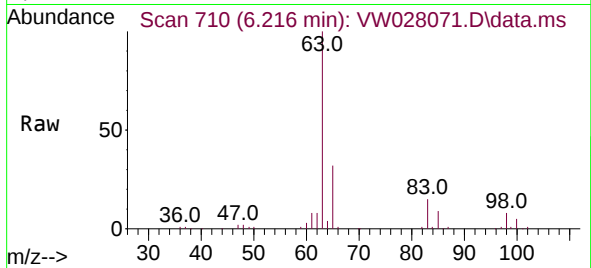




#19
1,1-Dichloroethane
Concen: 26.194 ug/L
RT: 6.216 min Scan# 711
Delta R.T. -0.006 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

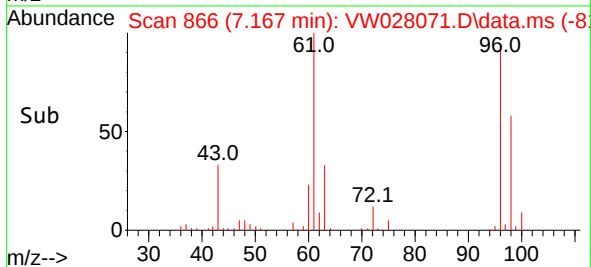
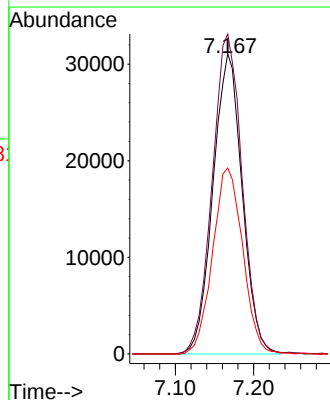
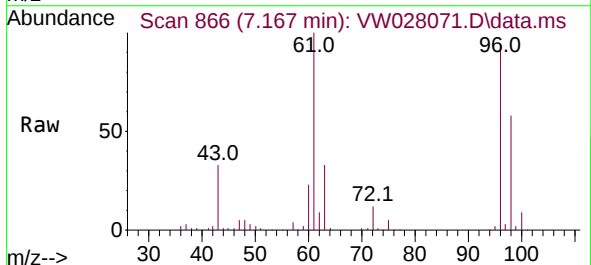
Instrument :
MSVOA_W
ClientSampleId :

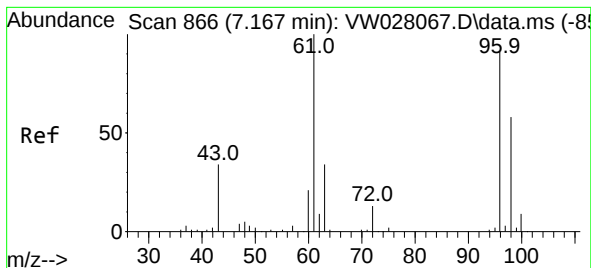
Tgt Ion: 63 Resp: 119181
Ion Ratio Lower Upper
63 100
65 32.1 23.1 42.9
83 15.2 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 27.212 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

Tgt Ion: 96 Resp: 80481
Ion Ratio Lower Upper
96 100
61 106.5 76.3 141.7
98 61.9 42.9 79.7





#22

2-Butanone

Concen: 70.123 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028071.D

Acq: 27 Feb 2024 12:39

Instrument :

MSVOA_W

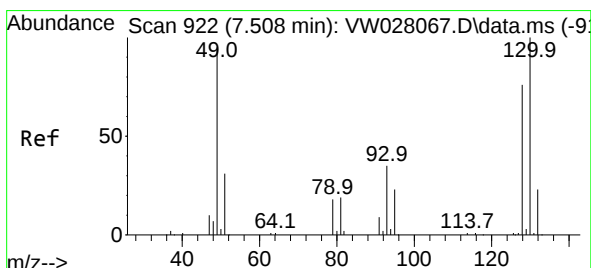
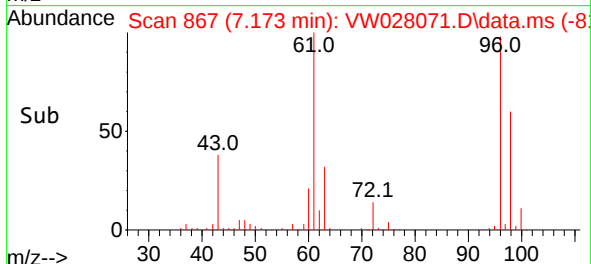
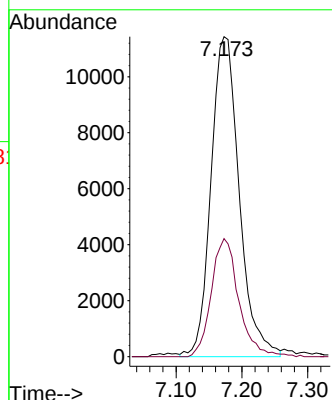
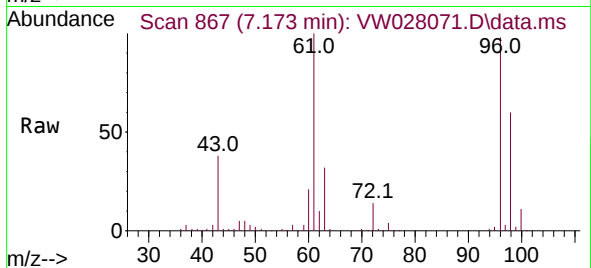
ClientSampleId :

Tgt Ion: 43 Resp: 34185

Ion Ratio Lower Upper

43 100

72 35.8 17.0 50.9



#23

Bromochloromethane

Concen: 29.053 ug/L

RT: 7.508 min Scan# 922

Delta R.T. 0.000 min

Lab File: VW028071.D

Acq: 27 Feb 2024 12:39

Tgt Ion: 128 Resp: 38169

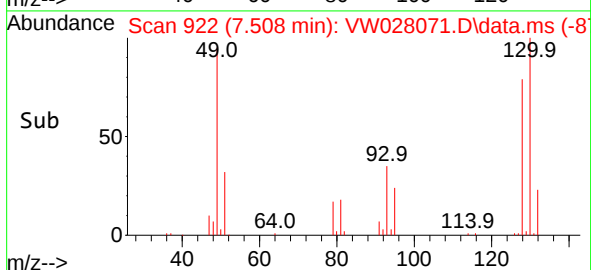
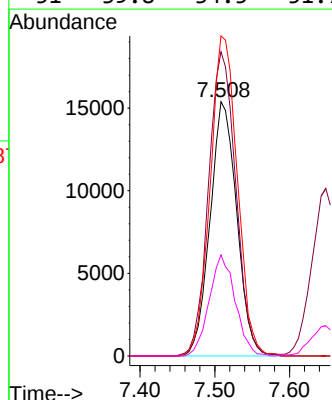
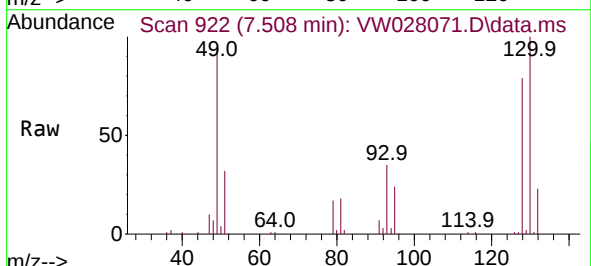
Ion Ratio Lower Upper

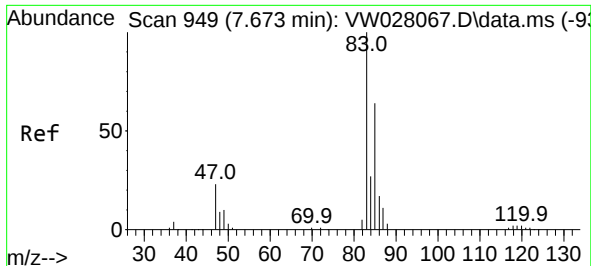
128 100

49 119.6 93.2 173.2

130 125.9 97.4 180.8

51 39.8 34.5 51.7

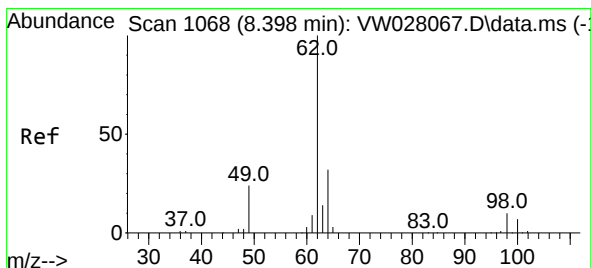
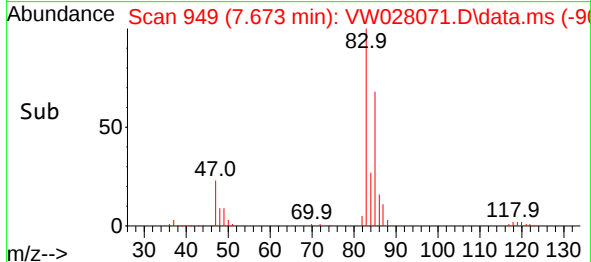
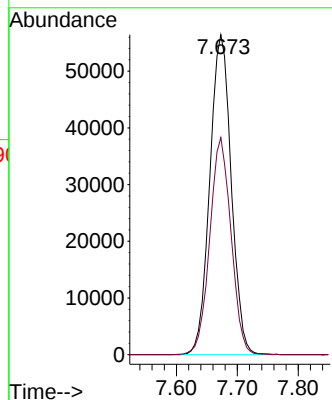
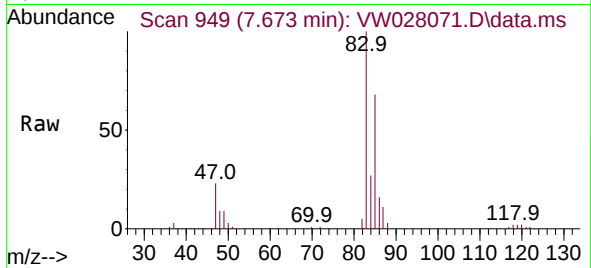




#25
Chloroform
Concen: 28.179 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

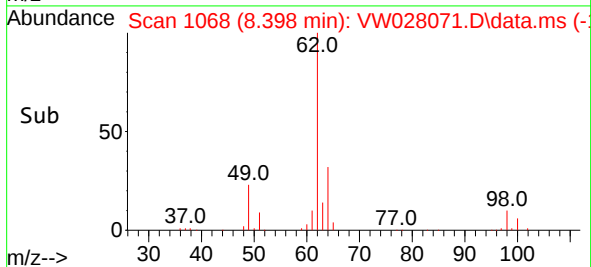
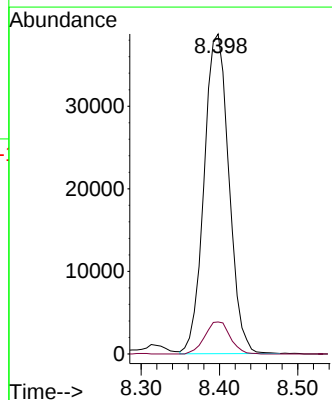
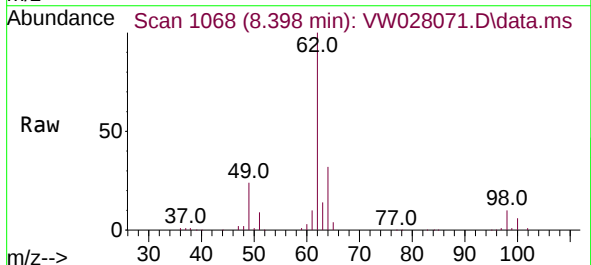
Instrument :
MSVOA_W
ClientSampleId :

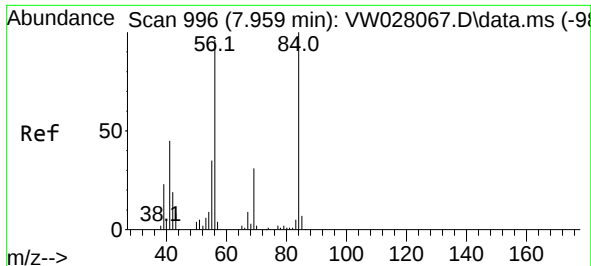
Tgt Ion: 83 Resp: 137833
Ion Ratio Lower Upper
83 100
85 67.9 46.6 86.6



#27
1,2-Dichloroethane
Concen: 31.259 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

Tgt Ion: 62 Resp: 85148
Ion Ratio Lower Upper
62 100
98 10.0 9.4 14.2





#29

Cyclohexane

Concen: 22.268 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW028071.D

Acq: 27 Feb 2024 12:39

Instrument :

MSVOA_W

ClientSampleId :

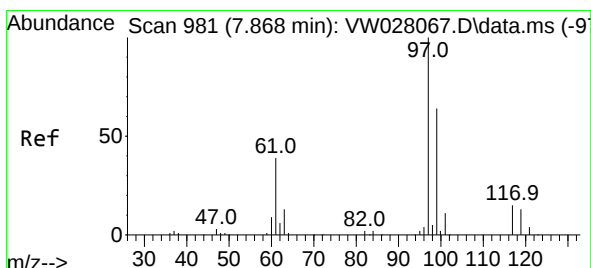
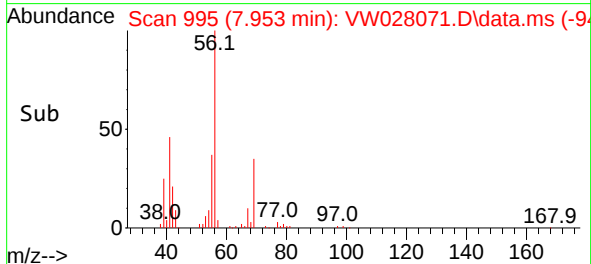
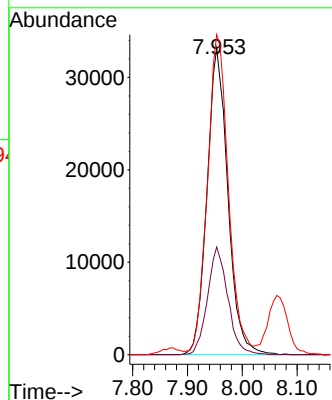
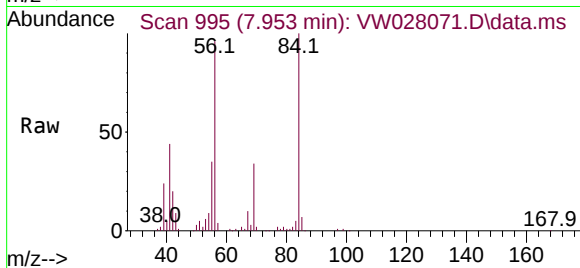
Tgt Ion: 56 Resp: 87513

Ion Ratio Lower Upper

56 100

69 34.2 26.3 39.5

84 105.4 81.6 122.4



#30

1,1,1-Trichloroethane

Concen: 26.457 ug/L

RT: 7.868 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW028071.D

Acq: 27 Feb 2024 12:39

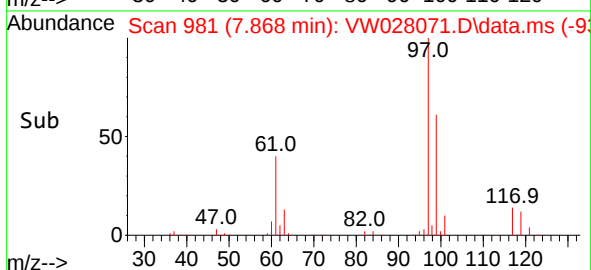
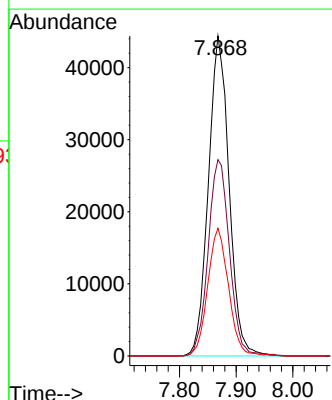
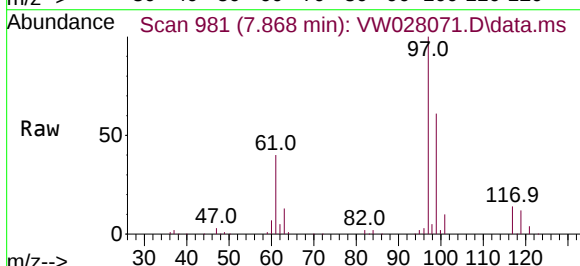
Tgt Ion: 97 Resp: 112611

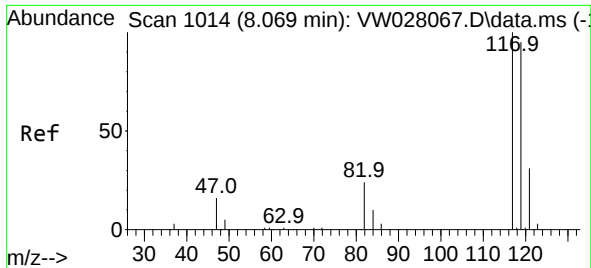
Ion Ratio Lower Upper

97 100

99 63.2 51.4 77.0

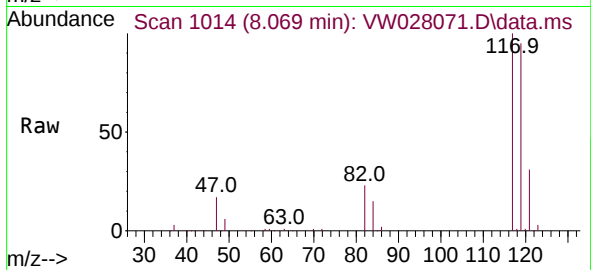
61 40.0 32.9 49.3



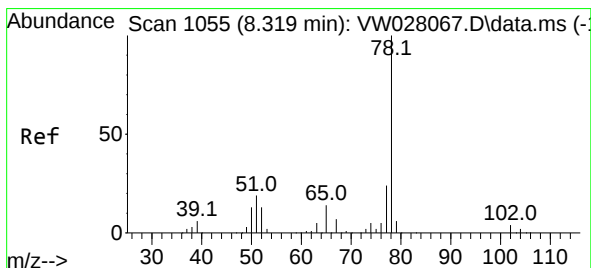
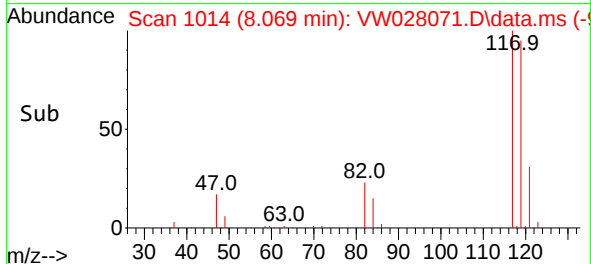
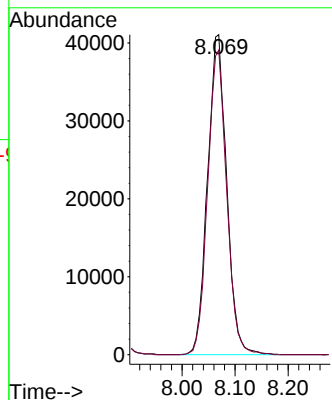


#31
Carbon tetrachloride
Concen: 26.131 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

Instrument :
MSVOA_W
ClientSampleId :

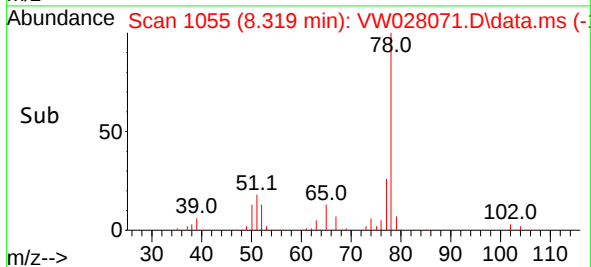
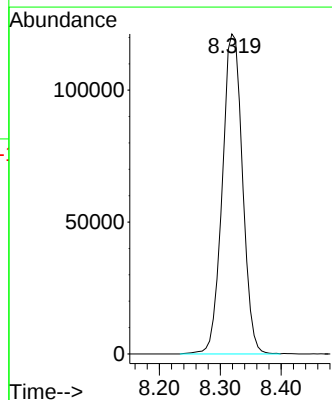
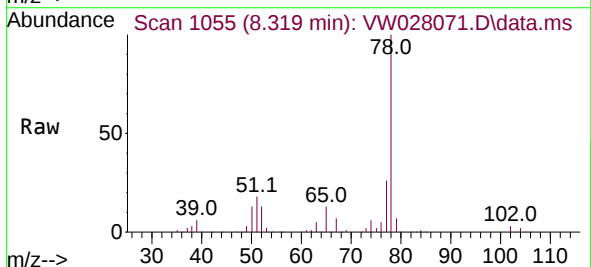


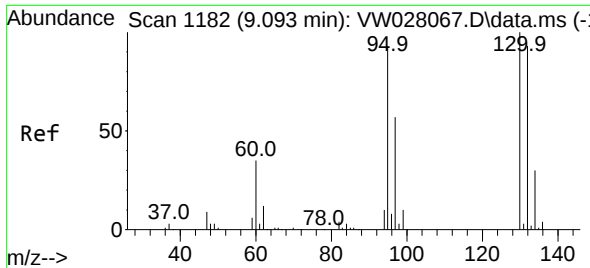
Tgt Ion:117 Resp: 102898
Ion Ratio Lower Upper
117 100
119 94.5 76.5 114.7



#33
Benzene
Concen: 25.425 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

Tgt Ion: 78 Resp: 280000





#34

Trichloroethene

Concen: 24.292 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW028071.D

Acq: 27 Feb 2024 12:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 76800

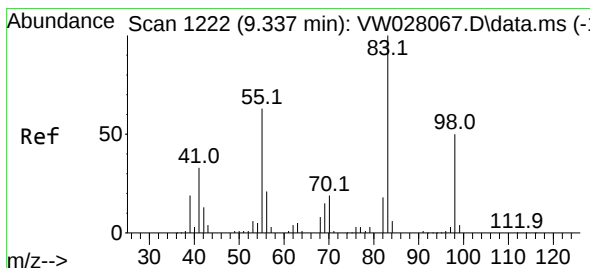
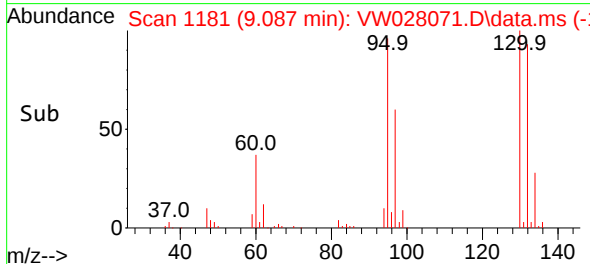
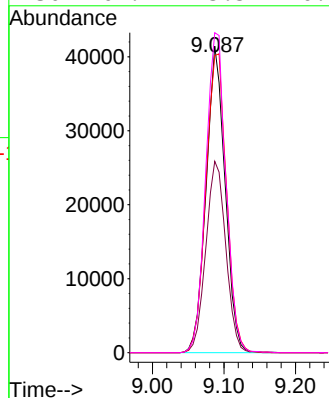
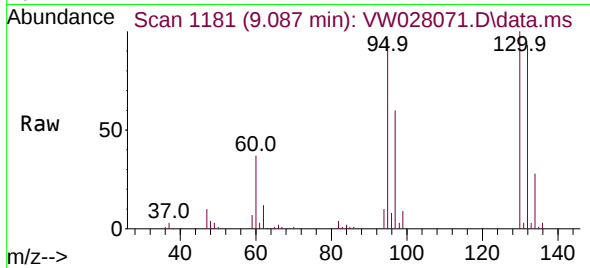
Ion Ratio Lower Upper

95 100

97 62.4 44.3 82.3

132 96.9 68.0 126.2

130 104.4 75.5 140.3



#35

Methylcyclohexane

Concen: 22.638 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW028071.D

Acq: 27 Feb 2024 12:39

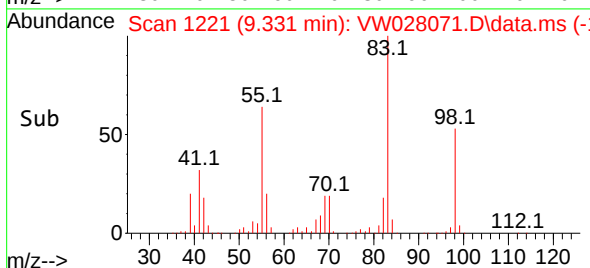
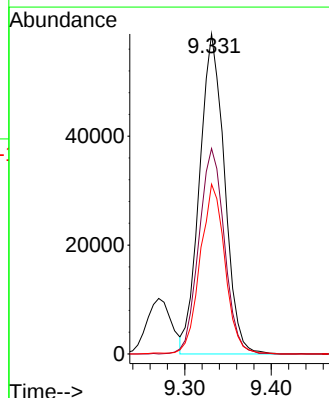
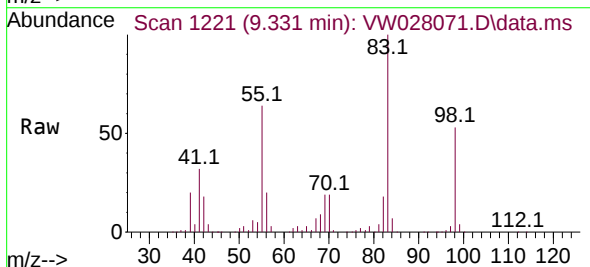
Tgt Ion: 83 Resp: 117772

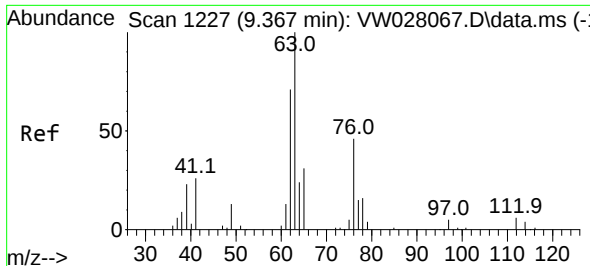
Ion Ratio Lower Upper

83 100

55 65.6 52.3 78.5

98 52.8 41.9 62.9





#37

1,2-Dichloropropane

Concen: 26.276 ug/L

RT: 9.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW028071.D

Acq: 27 Feb 2024 12:39

Instrument :

MSVOA_W

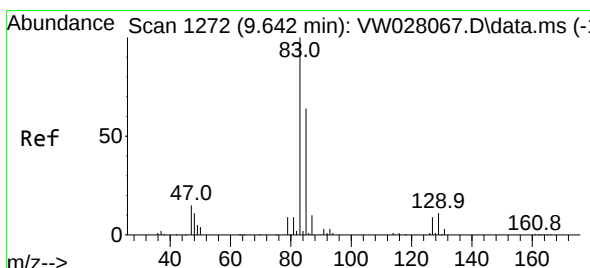
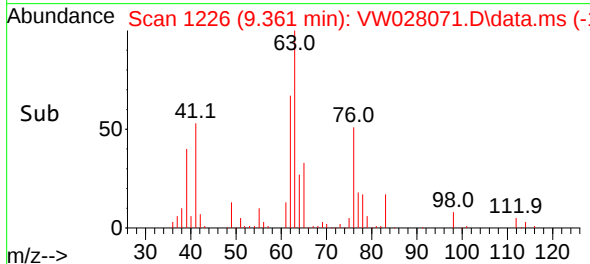
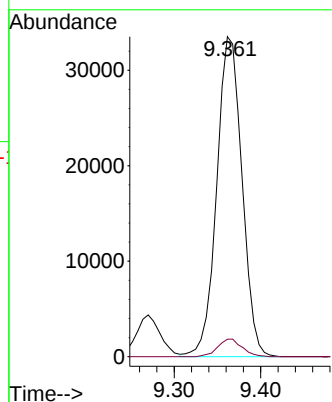
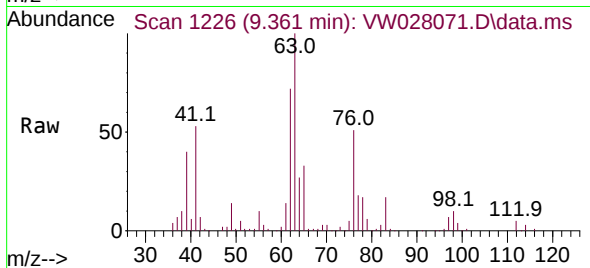
ClientSampleId :

Tgt Ion: 63 Resp: 67999

Ion Ratio Lower Upper

63 100

112 5.3 4.2 6.2



#38

Bromodichloromethane

Concen: 28.984 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028071.D

Acq: 27 Feb 2024 12:39

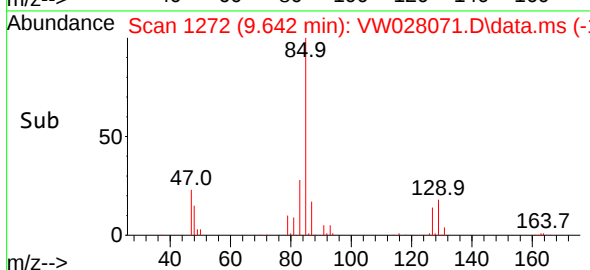
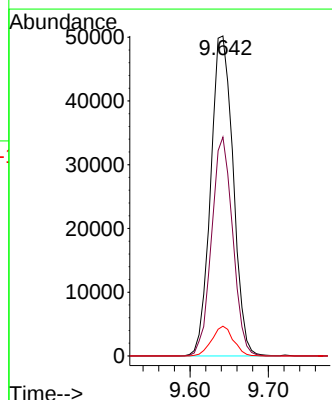
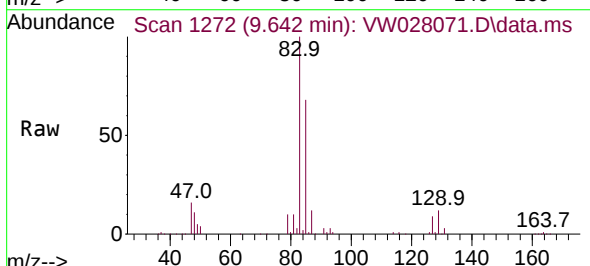
Tgt Ion: 83 Resp: 100119

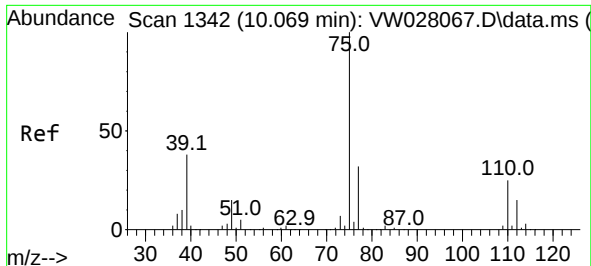
Ion Ratio Lower Upper

83 100

85 68.4 44.7 83.1

127 9.3 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 27.793 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028071.D

Acq: 27 Feb 2024 12:39

Instrument :

MSVOA_W

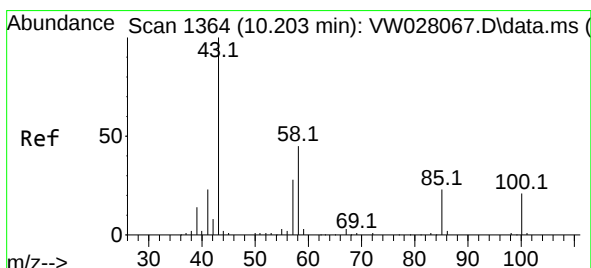
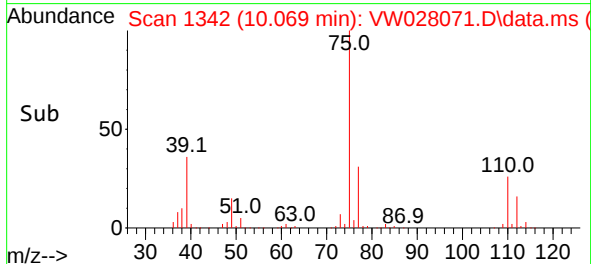
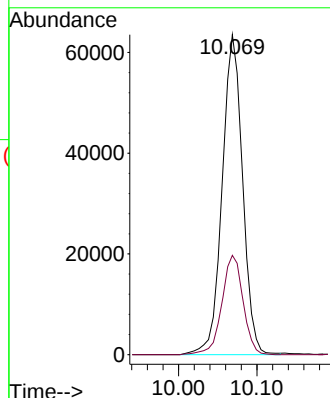
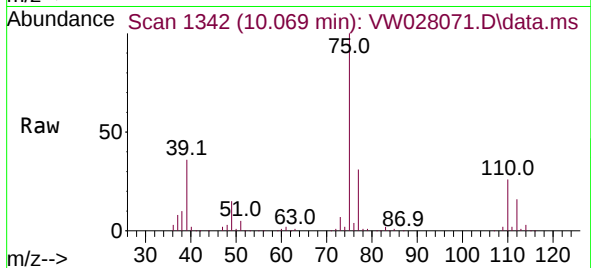
ClientSampleId :

Tgt Ion: 75 Resp: 115283

Ion Ratio Lower Upper

75 100

77 31.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 71.875 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. 0.000 min

Lab File: VW028071.D

Acq: 27 Feb 2024 12:39

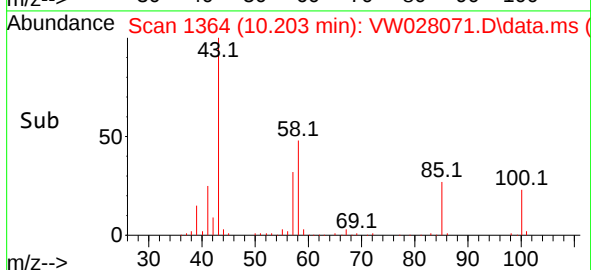
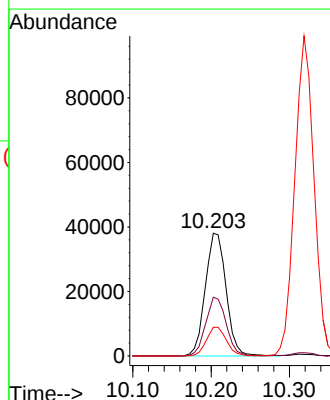
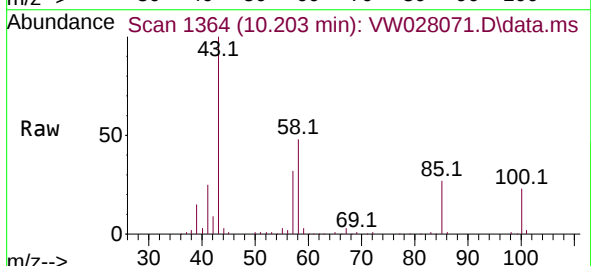
Tgt Ion: 43 Resp: 70205

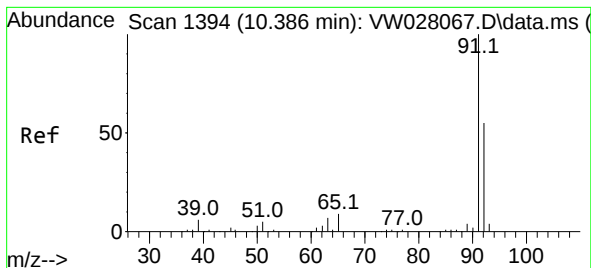
Ion Ratio Lower Upper

43 100

58 47.1 36.7 55.1

100 22.5 18.4 27.6





#42

Toluene

Concen: 25.770 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028071.D

Acq: 27 Feb 2024 12:39

Instrument :

MSVOA_W

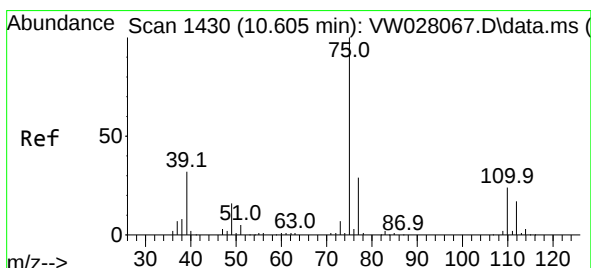
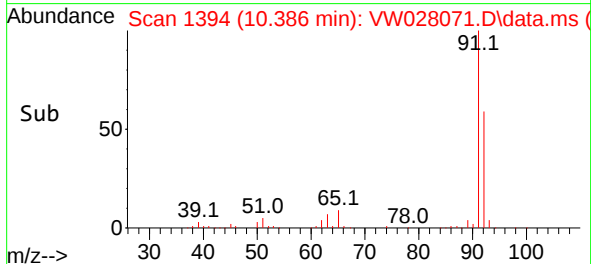
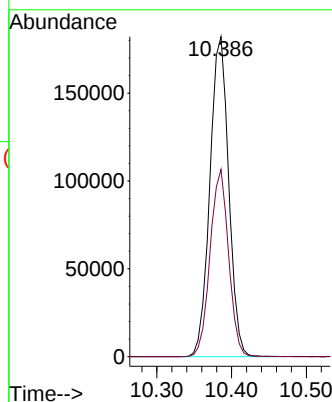
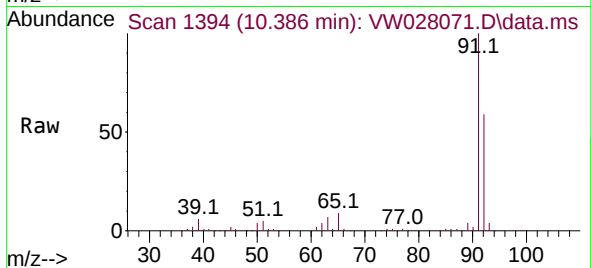
ClientSampleId :

Tgt Ion: 91 Resp: 318193

Ion Ratio Lower Upper

91 100

92 58.6 38.8 72.0



#44

trans-1,3-Dichloropropene

Concen: 29.437 ug/L

RT: 10.599 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VW028071.D

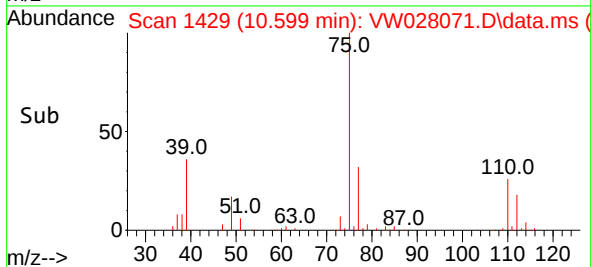
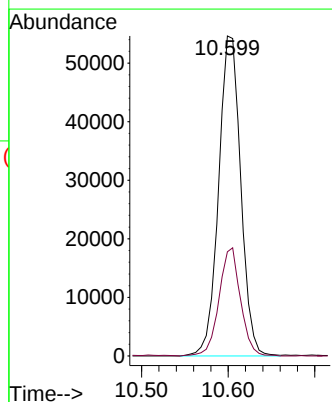
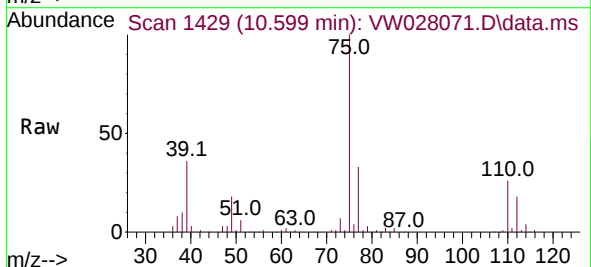
Acq: 27 Feb 2024 12:39

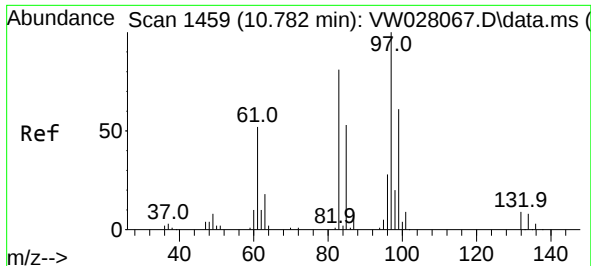
Tgt Ion: 75 Resp: 96911

Ion Ratio Lower Upper

75 100

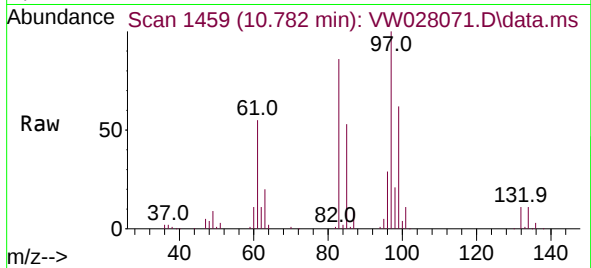
77 32.6 21.5 39.9



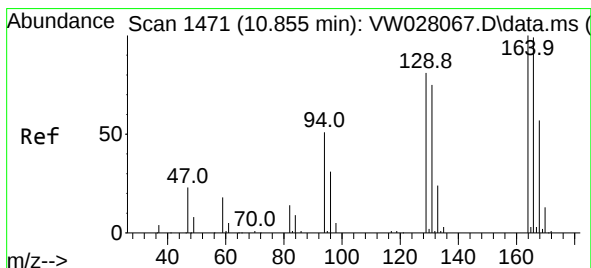
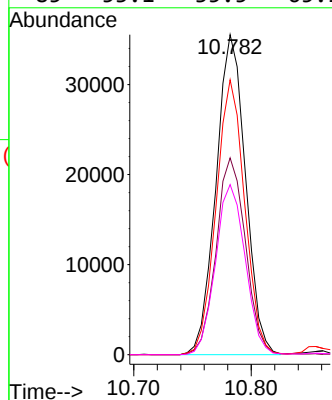
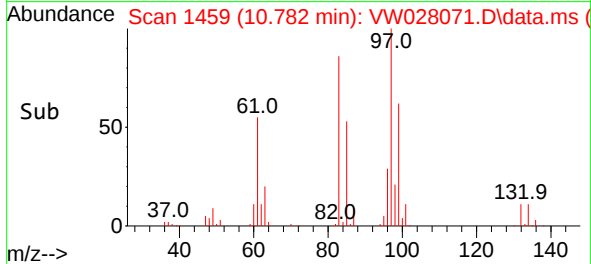


#45
1,1,2-Trichloroethane
Concen: 30.217 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

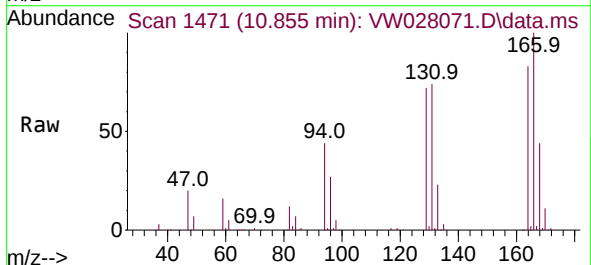
Instrument :
MSVOA_W
ClientSampleId :



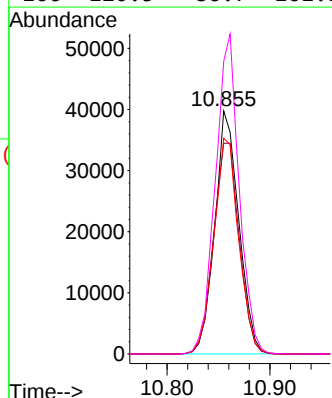
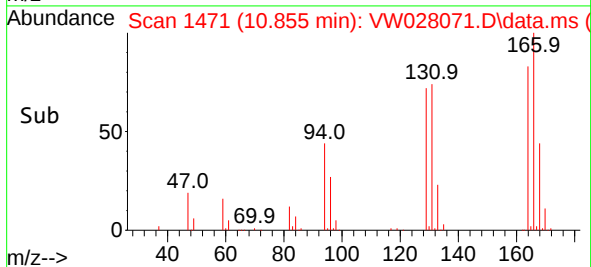
Tgt Ion:	97	Resp:	61896
Ion	Ratio	Lower	Upper
97	100		
99	61.5	43.3	80.5
83	85.9	57.2	106.2
85	53.1	35.5	65.9

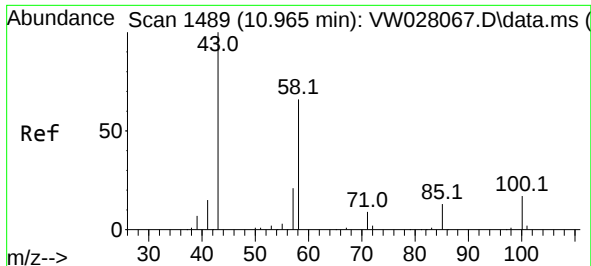


#46
Tetrachloroethene
Concen: 24.242 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39



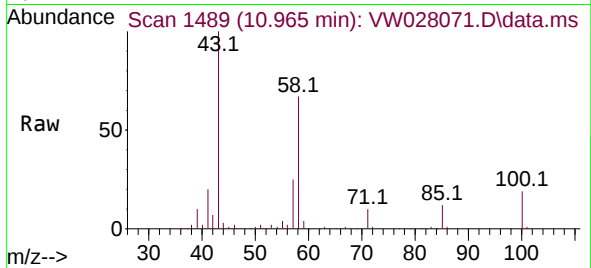
Tgt Ion:	164	Resp:	64487
Ion	Ratio	Lower	Upper
164	100		
129	86.7	59.4	110.2
131	88.7	65.0	120.6
166	120.5	86.7	161.1



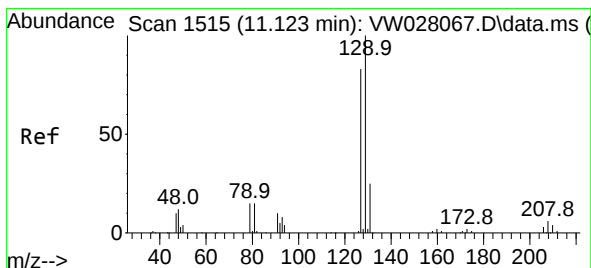
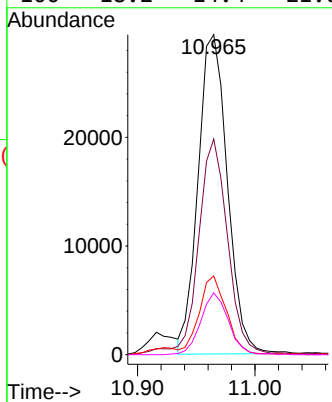
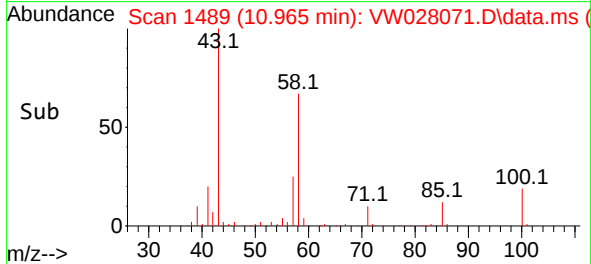


#48
2-Hexanone
Concen: 68.988 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

Instrument :
MSVOA_W
ClientSampleId :

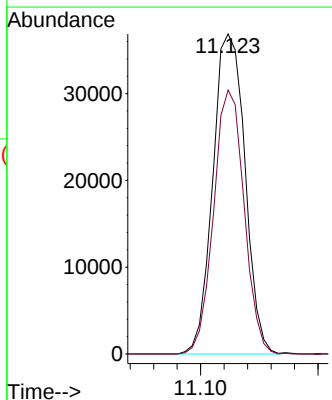
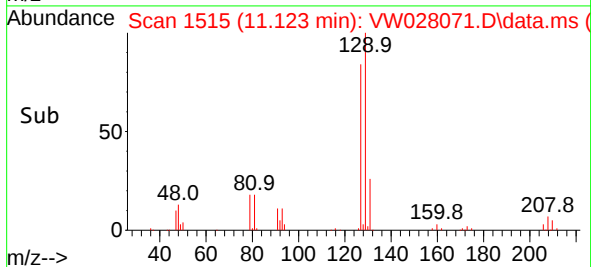
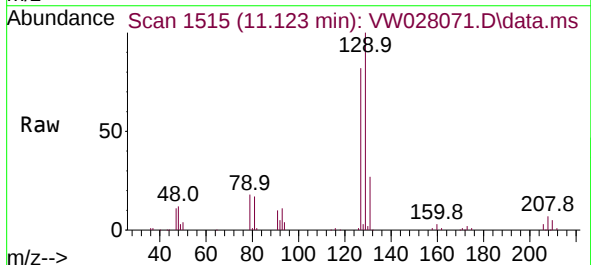


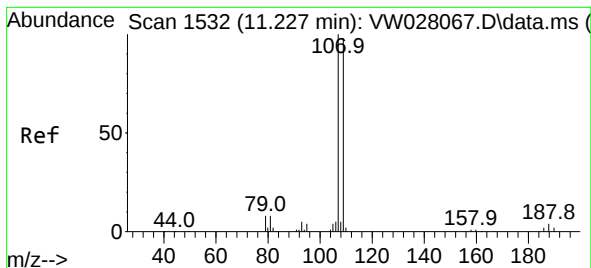
Tgt Ion:	43	Resp:	51039
Ion	Ratio	Lower	Upper
43	100		
58	65.8	51.4	77.2
57	23.1	17.4	26.2
100	18.2	14.4	21.6



#49
Dibromochloromethane
Concen: 29.988 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

Tgt Ion:	129	Resp:	70030
Ion	Ratio	Lower	Upper
129	100		
127	82.4	49.6	92.0

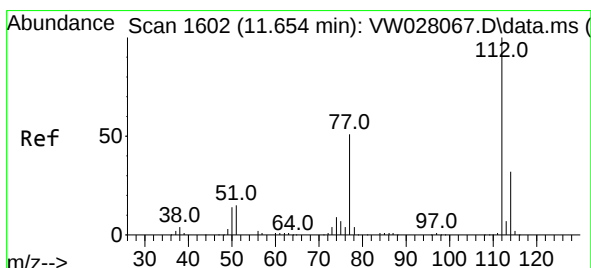
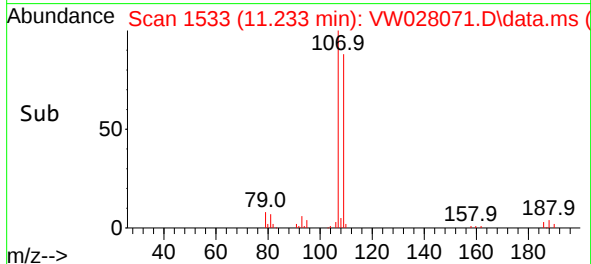
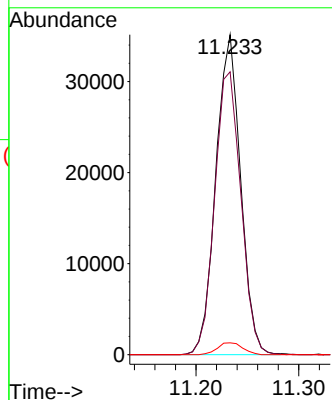
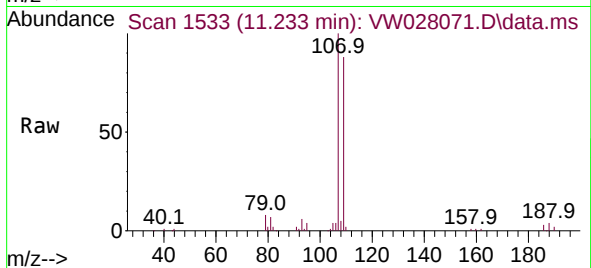




#50
1,2-Dibromoethane
Concen: 30.782 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

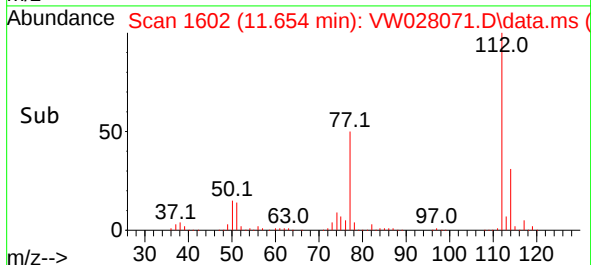
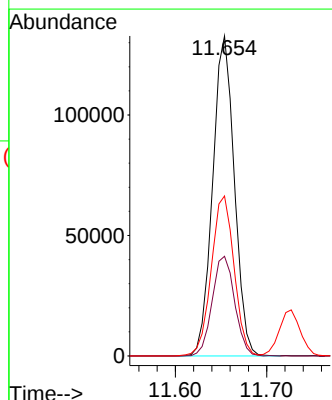
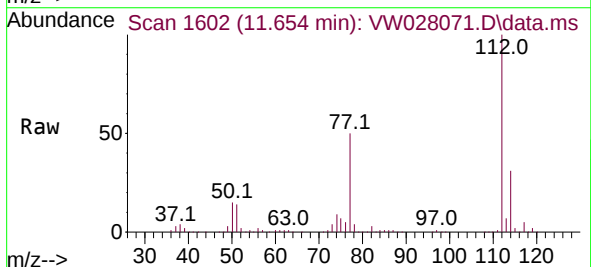
Instrument :
MSVOA_W
ClientSampleId :

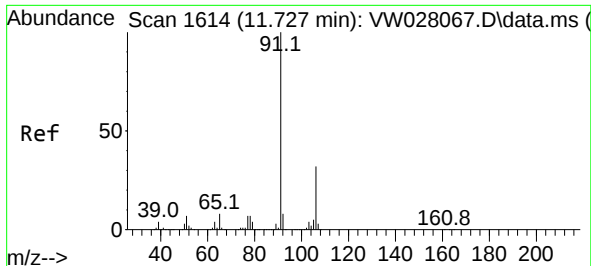
Tgt Ion:107 Resp: 58854
Ion Ratio Lower Upper
107 100
109 88.4 71.2 132.2
188 3.7 3.1 4.7



#51
Chlorobenzene
Concen: 26.644 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

Tgt Ion:112 Resp: 218814
Ion Ratio Lower Upper
112 100
114 31.2 22.7 42.3
77 50.0 42.6 64.0

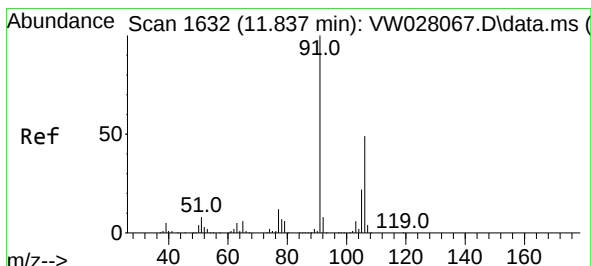
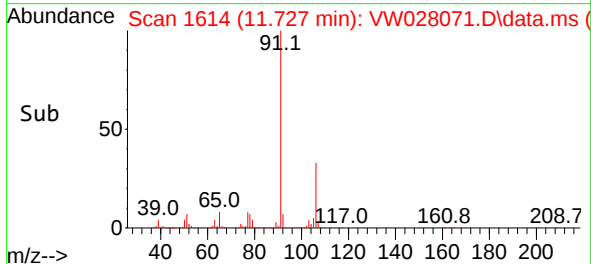
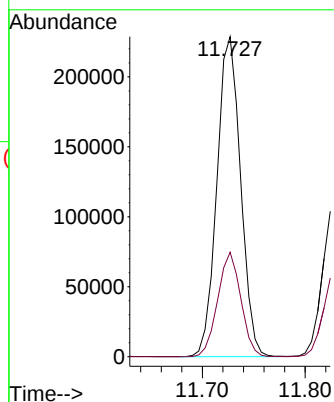
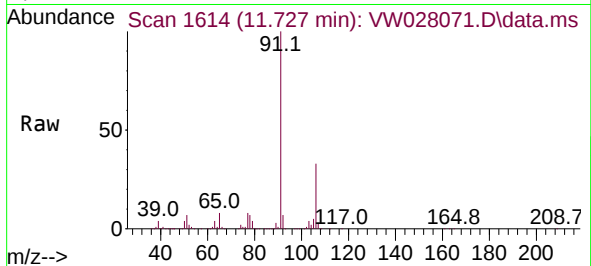




#52
Ethylbenzene
Concen: 26.261 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

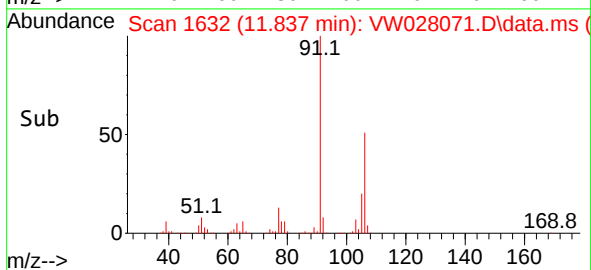
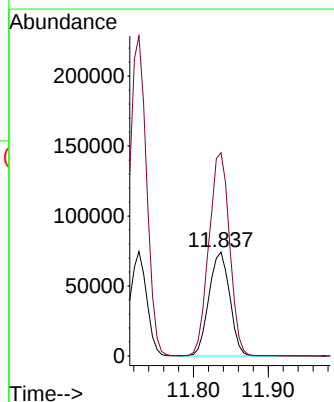
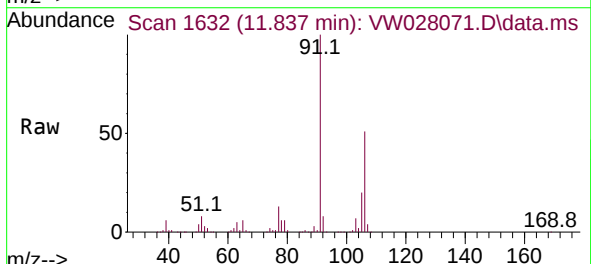
Instrument :
MSVOA_W
ClientSampleId :

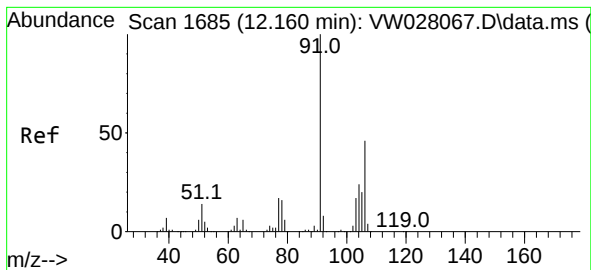
Tgt Ion: 91 Resp: 365592
Ion Ratio Lower Upper
91 100
106 32.7 22.8 42.4



#53
m,p-Xylene
Concen: 26.271 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

Tgt Ion:106 Resp: 143431
Ion Ratio Lower Upper
106 100
91 195.7 130.0 241.4





#54

o-Xylene

Concen: 27.004 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028071.D

Acq: 27 Feb 2024 12:39

Instrument :

MSVOA_W

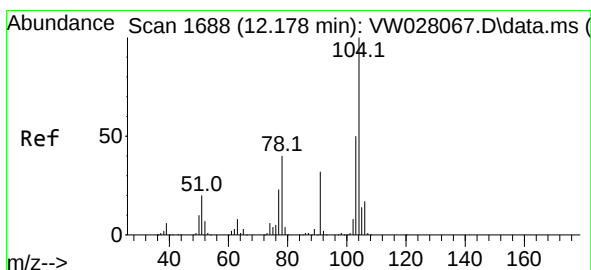
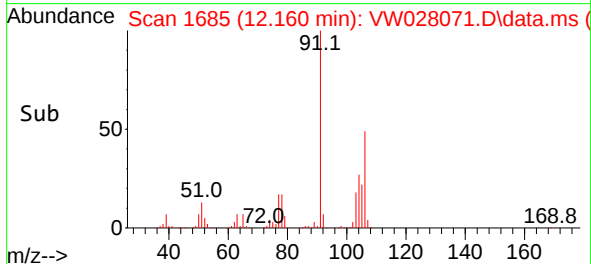
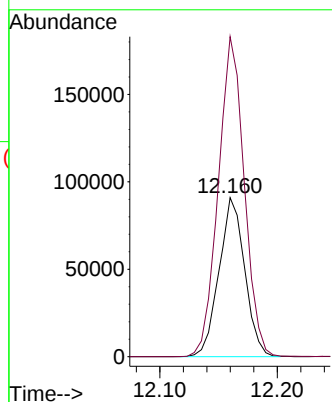
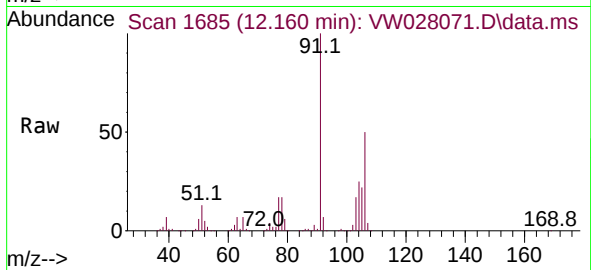
ClientSampleId :

Tgt Ion:106 Resp: 138277

Ion Ratio Lower Upper

106 100

91 201.2 146.4 272.0



#55

Styrene

Concen: 28.812 ug/L

RT: 12.172 min Scan# 1687

Delta R.T. -0.006 min

Lab File: VW028071.D

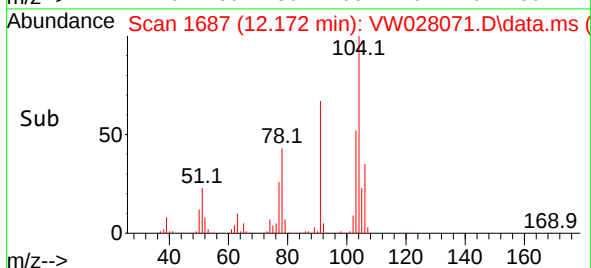
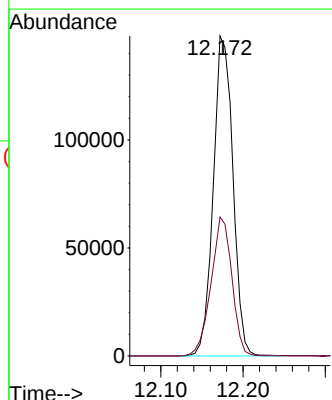
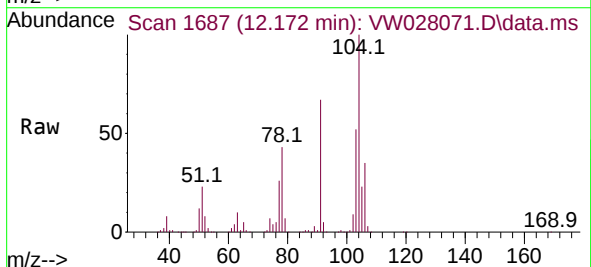
Acq: 27 Feb 2024 12:39

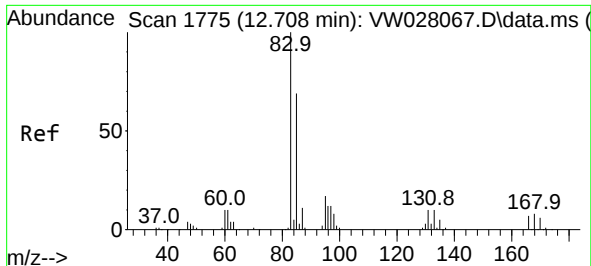
Tgt Ion:104 Resp: 245734

Ion Ratio Lower Upper

104 100

78 43.5 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 33.628 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW028071.D

Acq: 27 Feb 2024 12:39

Instrument :

MSVOA_W

ClientSampleId :

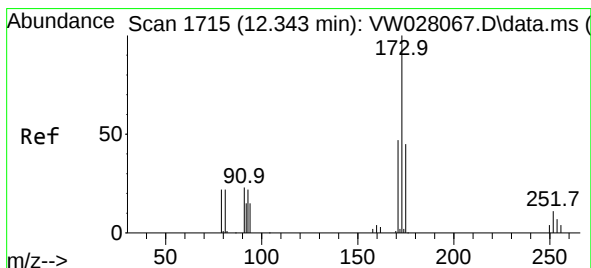
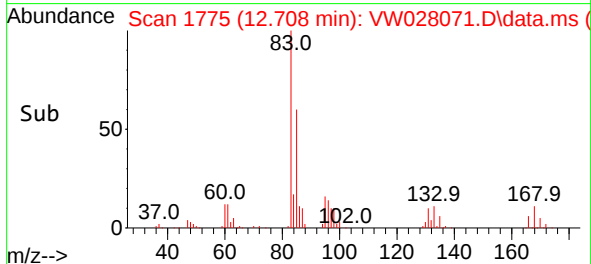
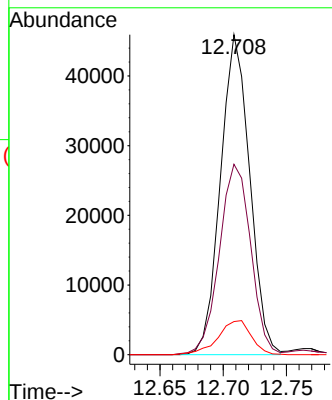
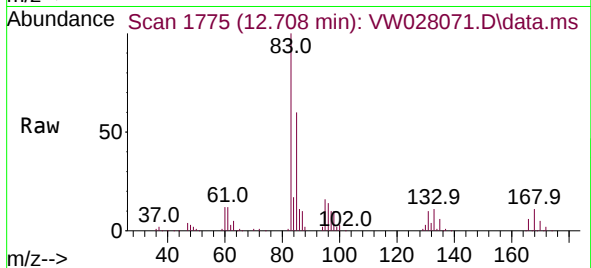
Tgt Ion: 83 Resp: 73763

Ion Ratio Lower Upper

83 100

85 59.5 42.9 79.7

131 10.4 8.7 13.1



#59

Bromoform

Concen: 28.058 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW028071.D

Acq: 27 Feb 2024 12:39

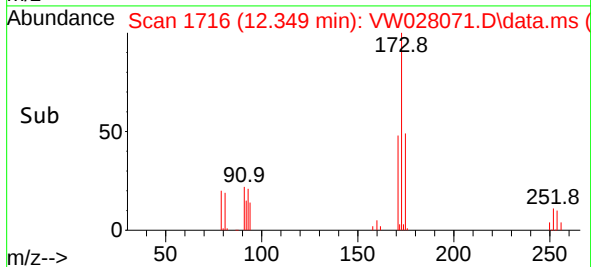
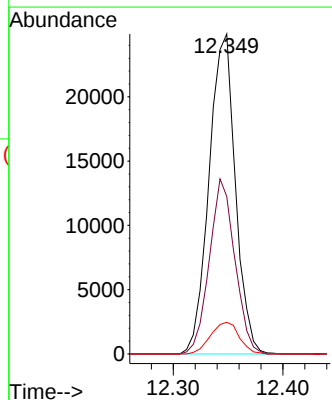
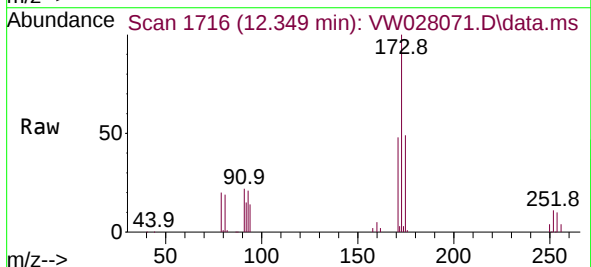
Tgt Ion:173 Resp: 41513

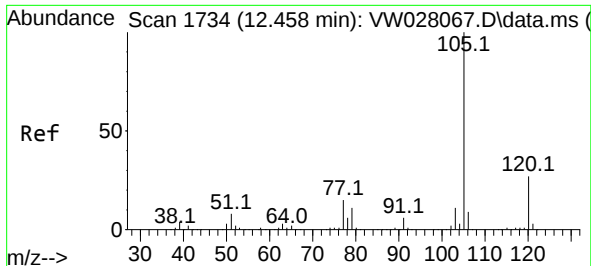
Ion Ratio Lower Upper

173 100

175 53.0 37.8 56.8

254 10.8 8.4 12.6

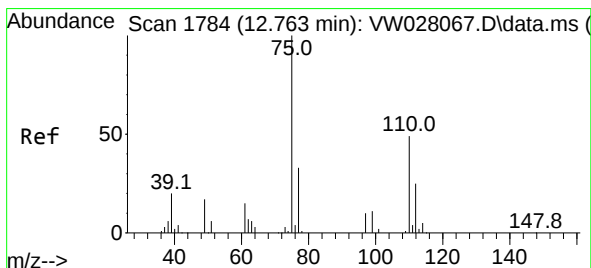
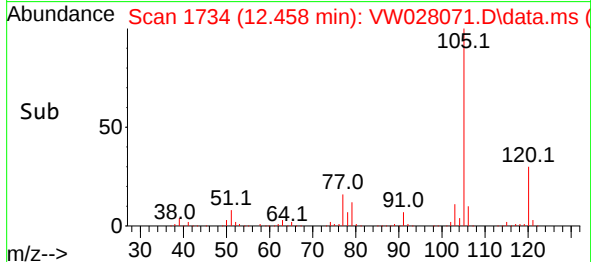
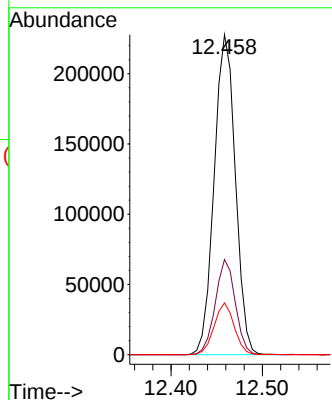
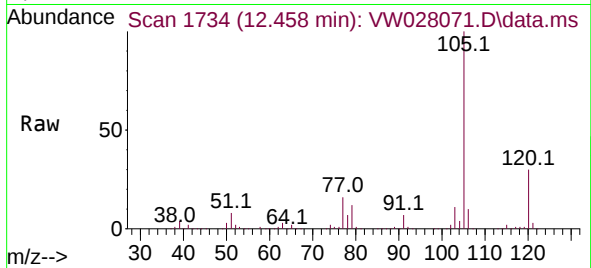




#60
Isopropylbenzene
Concen: 23.432 ug/L
RT: 12.458 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

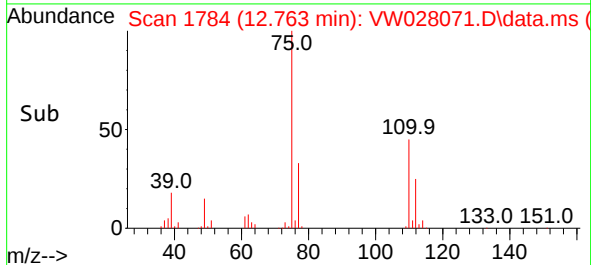
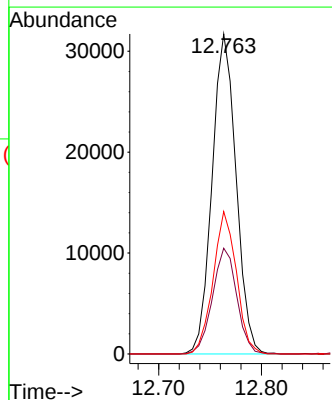
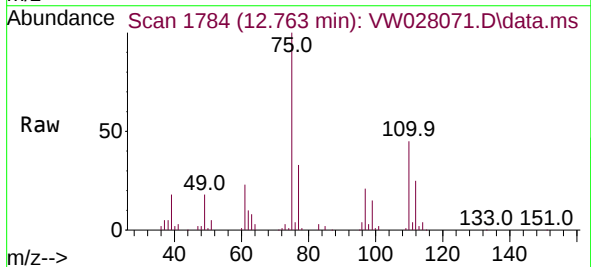
Instrument :
MSVOA_W
ClientSampleId :

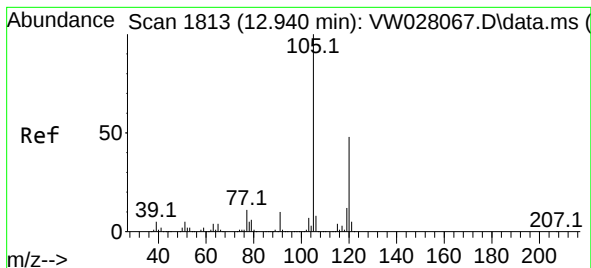
Tgt Ion:105 Resp: 366752
Ion Ratio Lower Upper
105 100
120 28.1 22.2 33.2
77 15.3 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 30.701 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

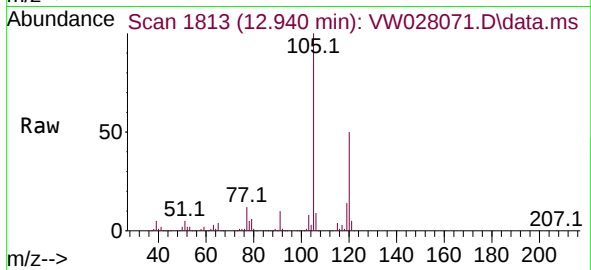
Tgt Ion: 75 Resp: 51361
Ion Ratio Lower Upper
75 100
77 33.5 26.5 39.7
110 43.2 35.8 53.8



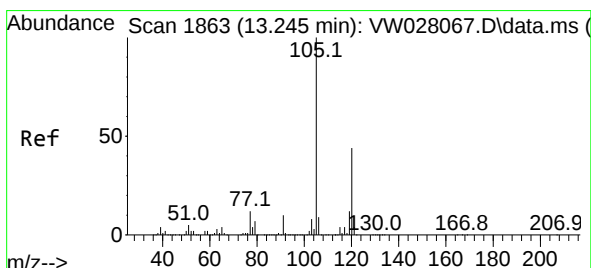
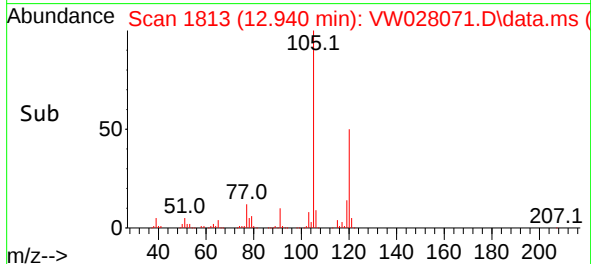
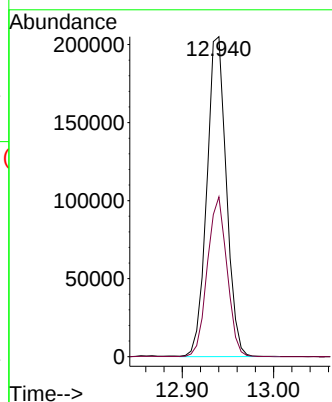


#62
1,3,5-Trimethylbenzene
Concen: 24.232 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

Instrument :
MSVOA_W
ClientSampleId :

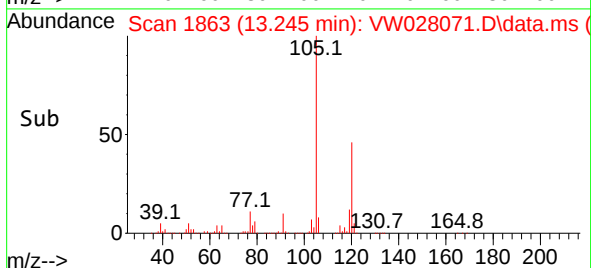
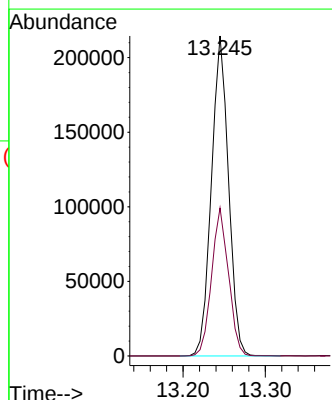
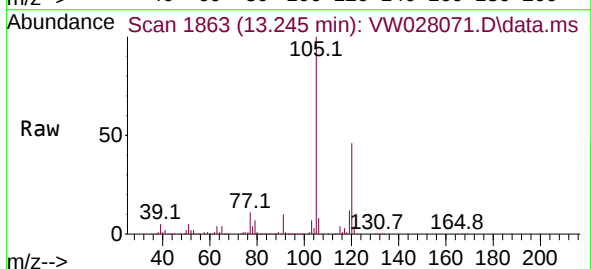


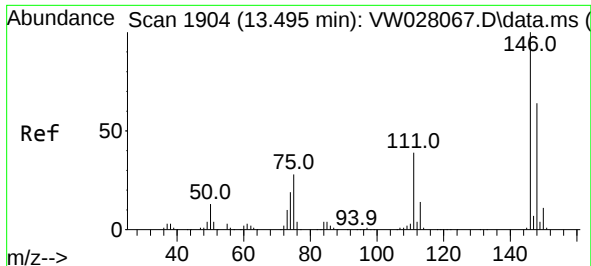
Tgt Ion:105 Resp: 303499
Ion Ratio Lower Upper
105 100
120 50.2 40.3 60.5



#63
1,2,4-Trimethylbenzene
Concen: 25.300 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

Tgt Ion:105 Resp: 310088
Ion Ratio Lower Upper
105 100
120 45.8 36.4 54.6

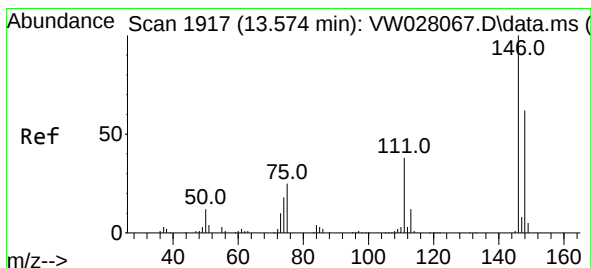
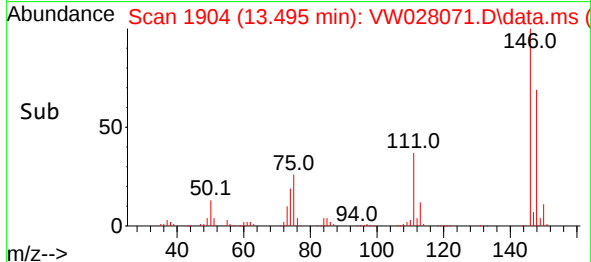
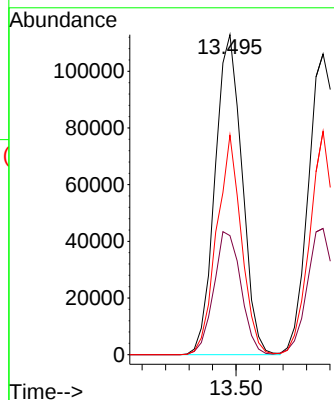
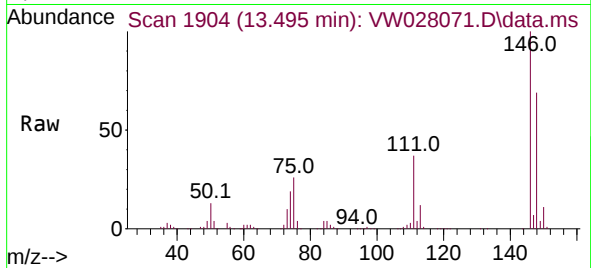




#64
1,3-Dichlorobenzene
Concen: 25.091 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

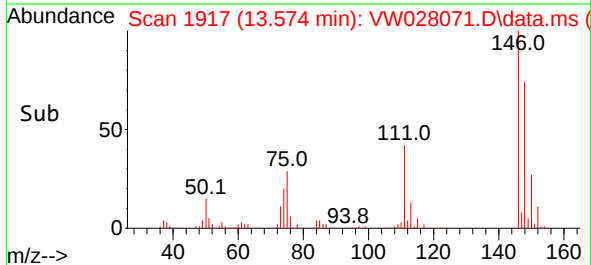
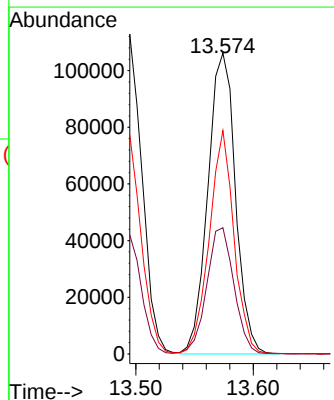
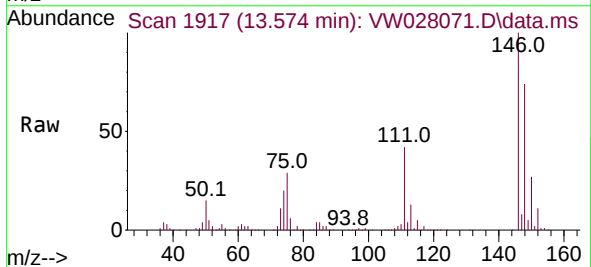
Instrument :
MSVOA_W
ClientSampleId :

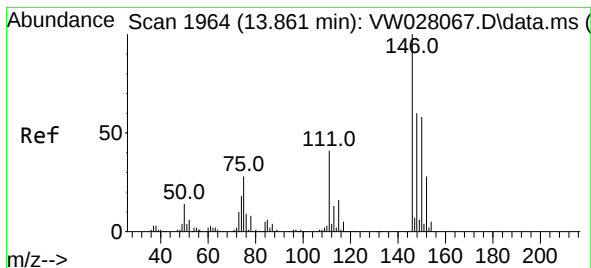
Tgt Ion:146 Resp: 180402
Ion Ratio Lower Upper
146 100
111 37.2 26.9 49.9
148 68.6 41.2 76.6



#65
1,4-Dichlorobenzene
Concen: 23.732 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

Tgt Ion:146 Resp: 173492
Ion Ratio Lower Upper
146 100
111 42.0 24.1 44.8
148 74.3 43.6 81.0

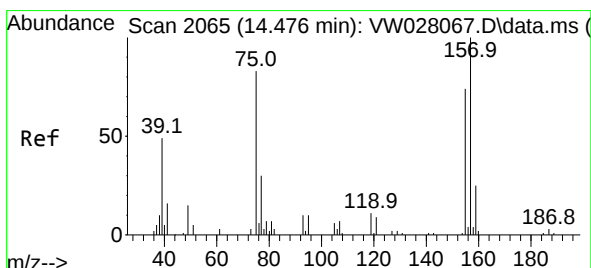
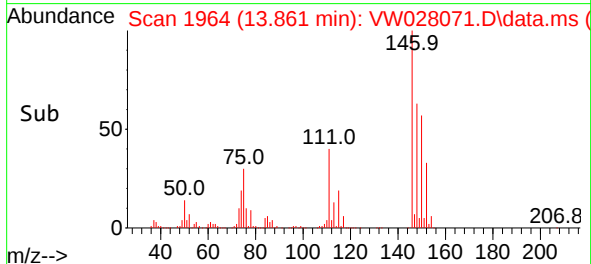
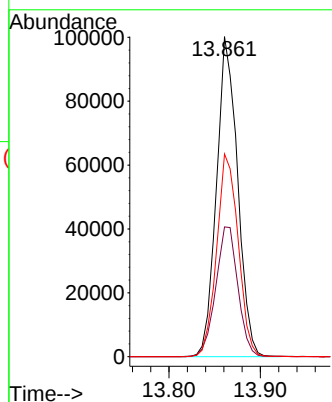
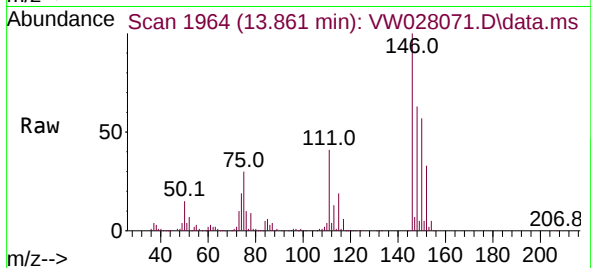




#67
1,2-Dichlorobenzene
Concen: 25.271 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

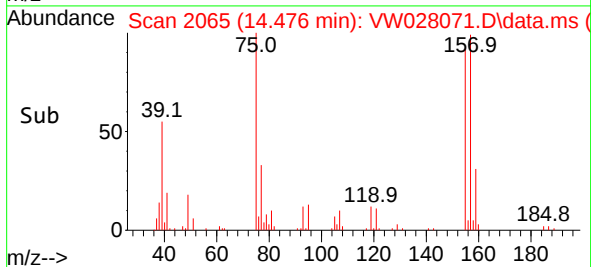
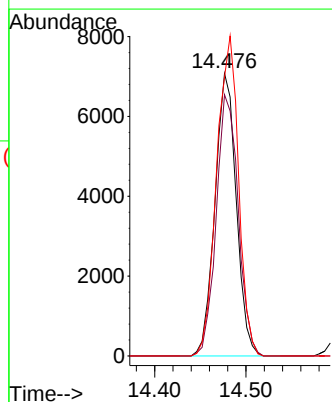
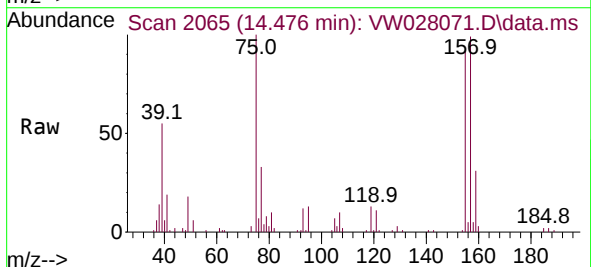
Instrument :
MSVOA_W
ClientSampleId :

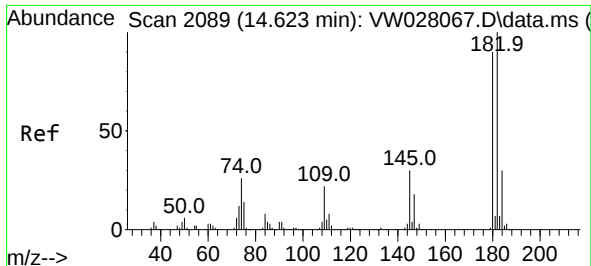
Tgt Ion:146 Resp: 160487
Ion Ratio Lower Upper
146 100
111 40.5 30.6 46.0
148 63.4 48.6 72.8



#68
1,2-Dibromo-3-chloropropane
Concen: 34.503 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028071.D
Acq: 27 Feb 2024 12:39

Tgt Ion: 75 Resp: 11460
Ion Ratio Lower Upper
75 100
155 92.4 68.7 103.1
157 98.7 96.7 145.1





#69

1,3,5-Trichlorobenzene

Concen: 25.555 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW028071.D

Acq: 27 Feb 2024 12:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 131940

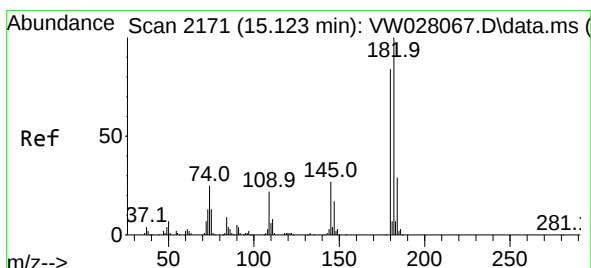
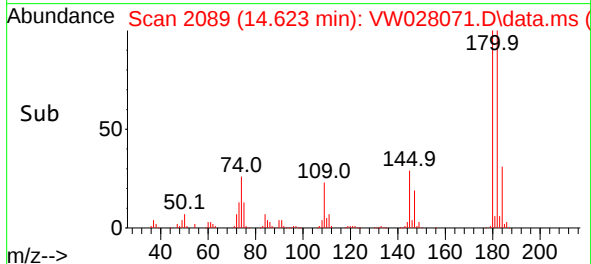
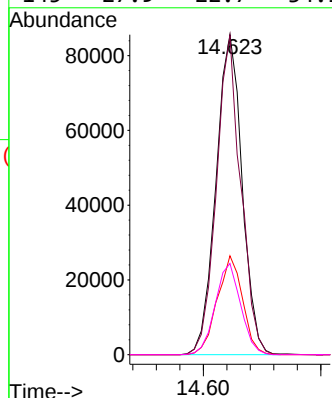
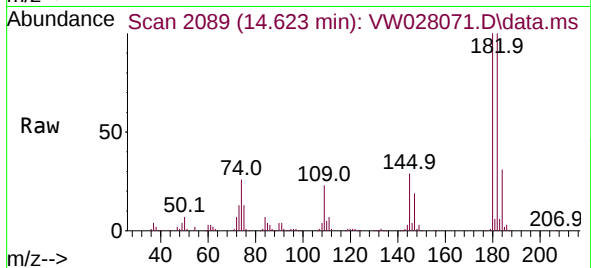
Ion Ratio Lower Upper

180 100

182 93.1 72.1 108.1

184 30.0 24.4 36.6

145 27.9 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 25.295 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028071.D

Acq: 27 Feb 2024 12:39

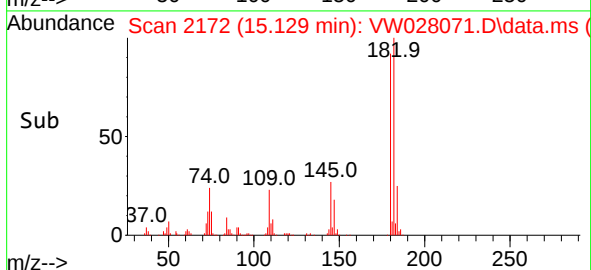
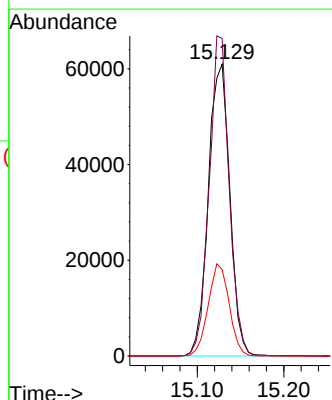
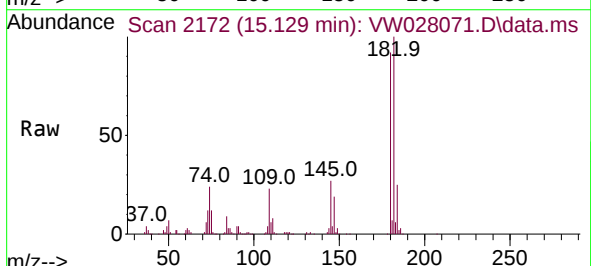
Tgt Ion:180 Resp: 105463

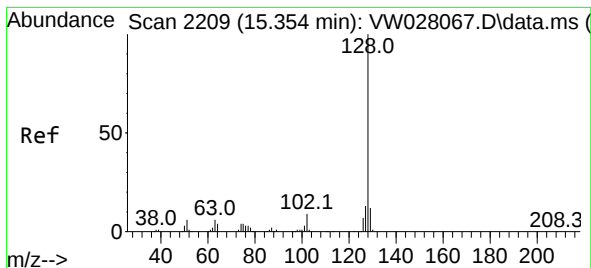
Ion Ratio Lower Upper

180 100

182 101.8 77.0 115.6

145 30.8 23.4 35.0





#71

Naphthalene

Concen: 32.269 ug/L

RT: 15.354 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW028071.D

Acq: 27 Feb 2024 12:39

Instrument :

MSVOA_W

ClientSampleId :

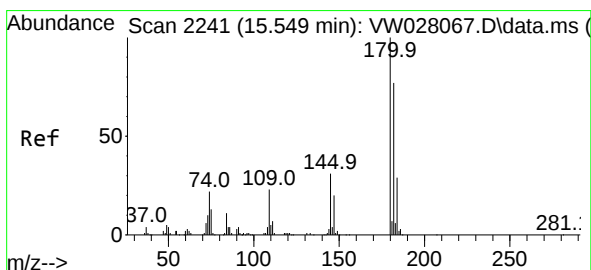
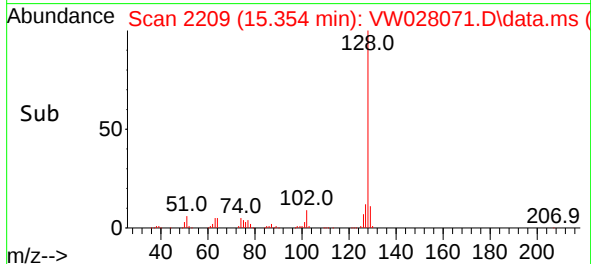
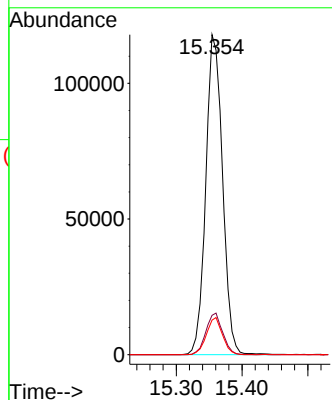
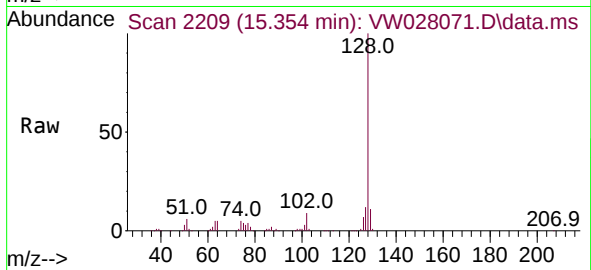
Tgt Ion:128 Resp: 209062

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.1 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 27.420 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW028071.D

Acq: 27 Feb 2024 12:39

Tgt Ion:180 Resp: 95379

Ion Ratio Lower Upper

180 100

182 97.3 76.5 114.7

145 32.6 25.8 38.8

