

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040424\
 Data File : VW028326.D
 Acq On : 04 Apr 2024 19:50
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 05 01:05:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 05 00:59:55 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	208026	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	195496	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	98157	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	40817	16.770	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.080%
7) Chloroethane-d5	2.893	69	36581	21.512	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.040%
11) 1,1-Dichloroethene-d2	4.021	65	27048	17.524	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.080%
21) 2-Butanone-d5	7.075	46	54581	76.030	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	152.060%#
24) Chloroform-d	7.648	84	155127	25.289	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.160%
26) 1,2-Dichloroethane-d4	8.307	65	87392	25.852	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	8.276	84	286126	23.972	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.880%
36) 1,2-Dichloropropane-d6	9.270	67	90639	26.388	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.560%
41) Toluene-d8	10.319	98	250180	22.724	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.880%
43) trans-1,3-Dichloroprop...	10.575	79	37598	24.100	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.400%
47) 2-Hexanone-d5	10.922	63	42587	75.008	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.020%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86962	34.274	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	137.080%#
66) 1,2-Dichlorobenzene-d4	13.848	152	95997	26.847	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	50928	16.876	ug/L #	88
3) Chloromethane	2.222	50	46391	21.675	ug/L	99
5) Vinyl chloride	2.375	62	55099	22.774	ug/L	99
6) Bromomethane	2.789	94	34375	23.857	ug/L	90
8) Chloroethane	2.936	64	32212	24.771	ug/L	95
9) Trichlorofluoromethane	3.271	101	64050	21.896	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	68024	23.409	ug/L	97
12) 1,1-Dichloroethene	4.045	96	62851	23.397	ug/L	92
13) Acetone	4.125	43	30698	38.513	ug/L	97
14) Carbon disulfide	4.393	76	173585	20.718	ug/L	99
15) Methyl Acetate	4.673	43	36933	30.081	ug/L	99
16) Methylene chloride	4.923	84	72351	22.851	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	69743	24.430	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	119910	27.840	ug/L	98
19) 1,1-Dichloroethane	6.216	63	142546	25.792	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	79853	25.899	ug/L	99
22) 2-Butanone	7.173	43	48144	53.199	ug/L	98
23) Bromochloromethane	7.514	128	35292	25.892	ug/L	93
25) Chloroform	7.679	83	144655	25.424	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040424\
 Data File : VW028326.D
 Acq On : 04 Apr 2024 19:50
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 05 01:05:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 05 00:59:55 2024
 Response via : Initial Calibration

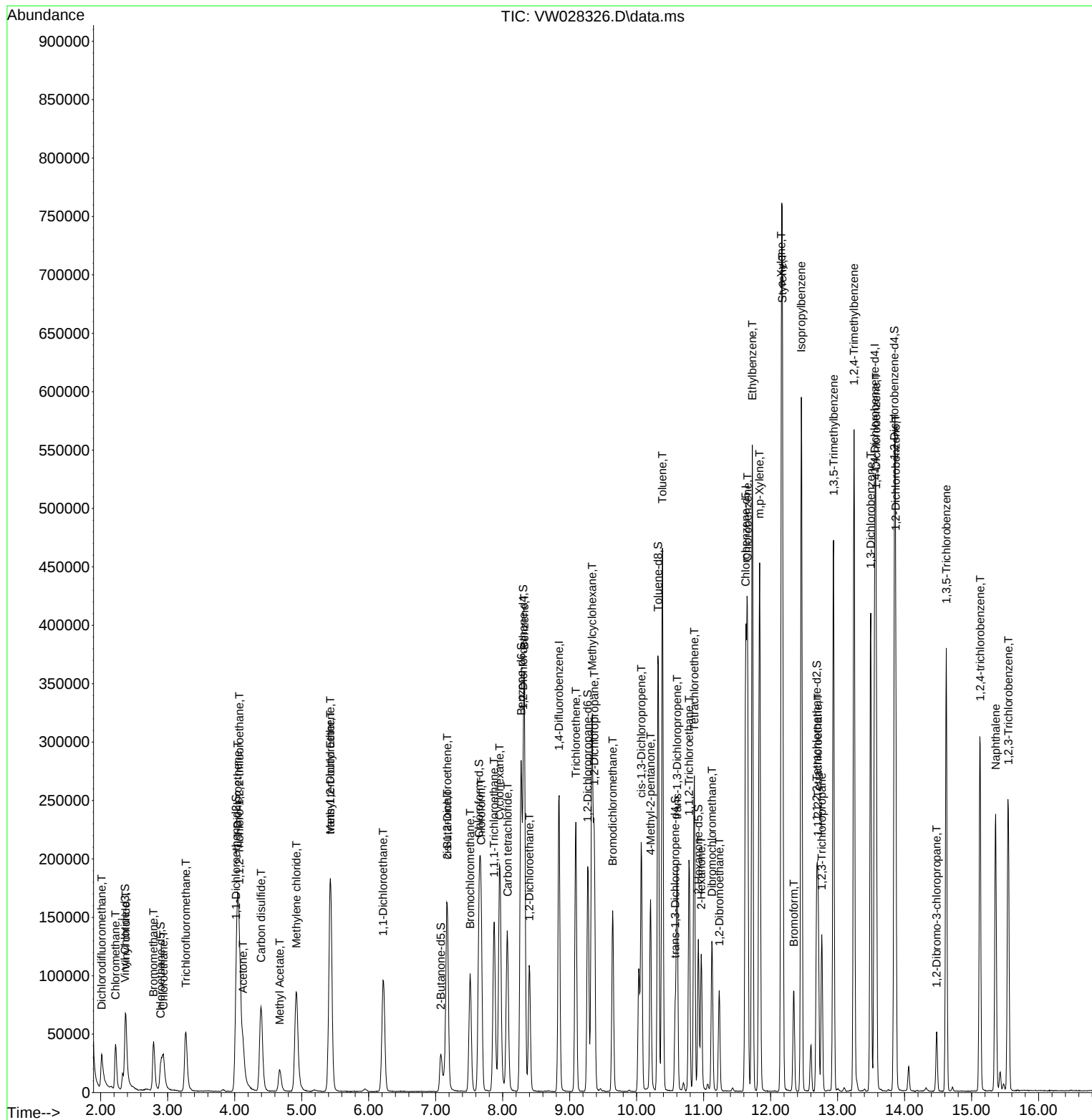
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	98852	24.602	ug/L #	96
29) Cyclohexane	7.953	56	116587	22.864	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	119024	23.226	ug/L	99
31) Carbon tetrachloride	8.075	117	107756	22.417	ug/L	96
33) Benzene	8.325	78	302296	25.129	ug/L	100
34) Trichloroethene	9.093	95	80059	23.854	ug/L	95
35) Methylcyclohexane	9.337	83	126188	22.243	ug/L	98
37) 1,2-Dichloropropane	9.368	63	80398	26.129	ug/L	100
38) Bromodichloromethane	9.642	83	104525	25.195	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	124320	25.228	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	107638	63.374	ug/L	98
42) Toluene	10.386	91	320789	24.433	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	106215	25.530	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	61613	27.714	ug/L	97
46) Tetrachloroethene	10.861	164	60527	22.372	ug/L	96
48) 2-Hexanone	10.965	43	72250	54.304	ug/L	96
49) Dibromochloromethane	11.123	129	67628	25.685	ug/L	95
50) 1,2-Dibromoethane	11.233	107	57269	26.940	ug/L	94
51) Chlorobenzene	11.654	112	208173	24.980	ug/L	98
52) Ethylbenzene	11.727	91	370963	24.204	ug/L	99
53) m,p-Xylene	11.837	106	135977	23.576	ug/L	98
54) o-Xylene	12.160	106	133867	25.029	ug/L	97
55) Styrene	12.178	104	234623	25.538	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	76593	30.121	ug/L	92
59) Bromoform	12.349	173	41489	28.208	ug/L	97
60) Isopropylbenzene	12.458	105	385960	26.465	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	56650	30.240	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	249890	25.537	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	304180	25.744	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	164516	25.286	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	166600	25.607	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	149940	26.761	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	12488	28.378	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	116285	25.658	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	95409	24.781	ug/L	97
71) Naphthalene	15.360	128	201040	30.422	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	85363	26.895	ug/L	99

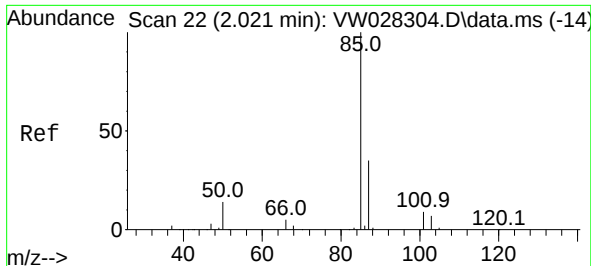
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040424\
 Data File : VW028326.D
 Acq On : 04 Apr 2024 19:50
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 05 01:05:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 05 00:59:55 2024
 Response via : Initial Calibration

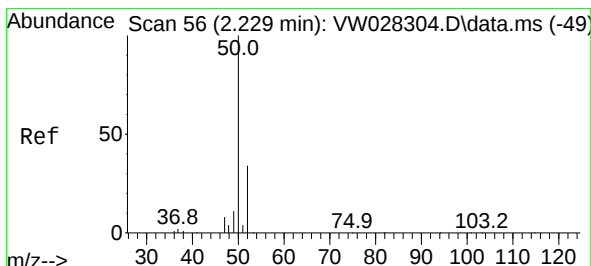
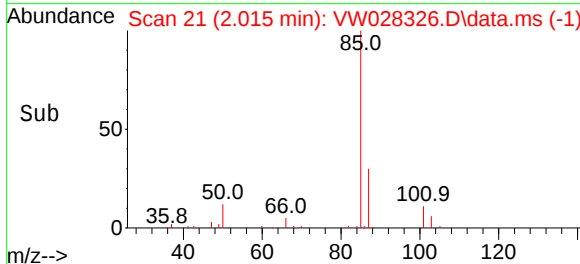
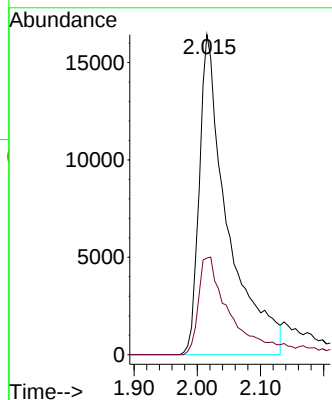
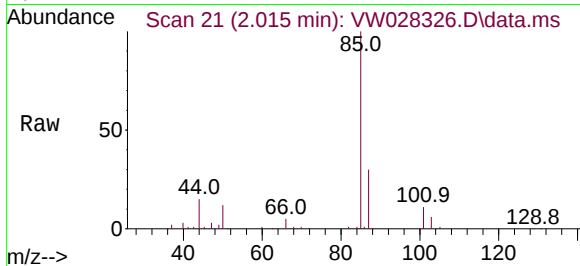




#2
 Dichlorodifluoromethane
 Concen: 16.876 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW028326.D
 Acq: 04 Apr 2024 19:50

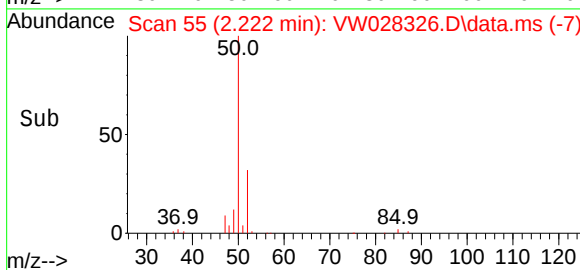
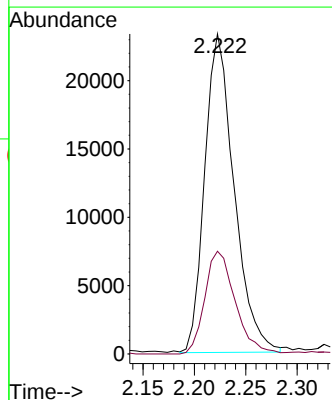
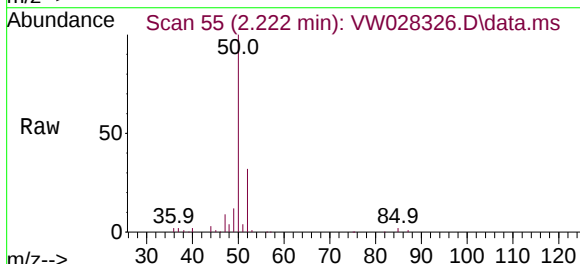
Instrument :
 MSVOA_W
 ClientSampleId :

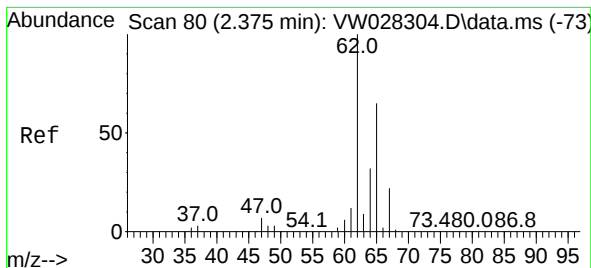
Tgt Ion: 85 Resp: 50928
 Ion Ratio Lower Upper
 85 100
 87 32.3 20.9 31.3#



#3
 Chloromethane
 Concen: 21.675 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW028326.D
 Acq: 04 Apr 2024 19:50

Tgt Ion: 50 Resp: 46391
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.7 42.1





#5

Vinyl chloride

Concen: 22.774 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

Instrument :

MSVOA_W

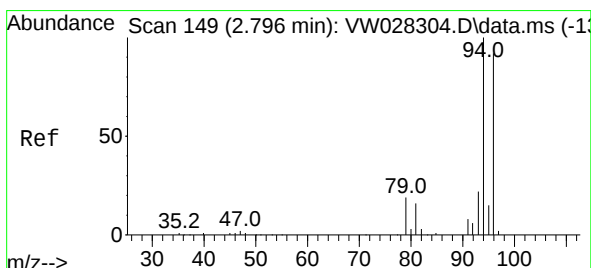
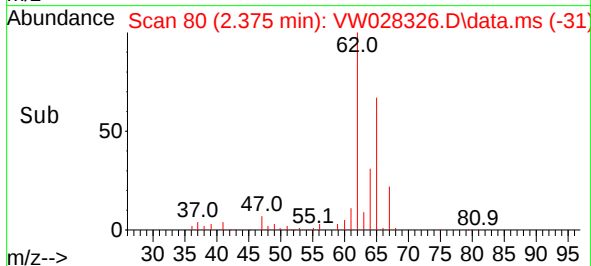
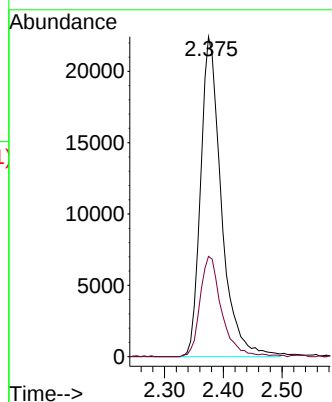
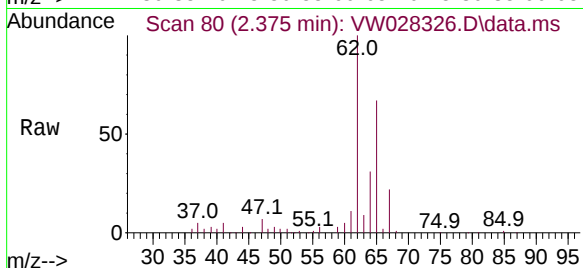
ClientSampleId :

Tgt Ion: 62 Resp: 55099

Ion Ratio Lower Upper

62 100

64 31.4 22.5 41.7



#6

Bromomethane

Concen: 23.857 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW028326.D

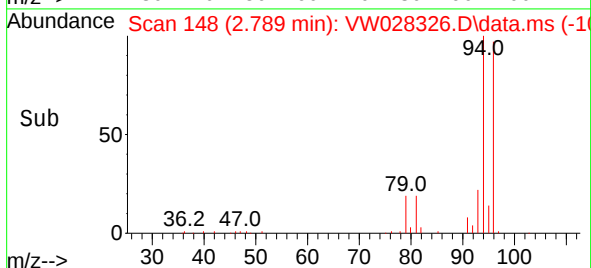
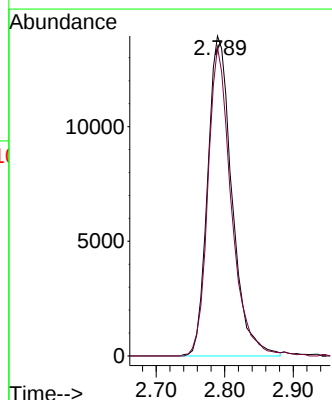
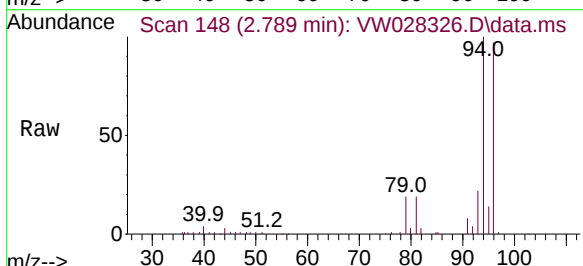
Acq: 04 Apr 2024 19:50

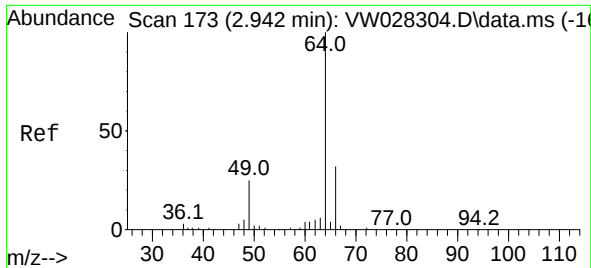
Tgt Ion: 94 Resp: 34375

Ion Ratio Lower Upper

94 100

96 96.5 60.8 113.0

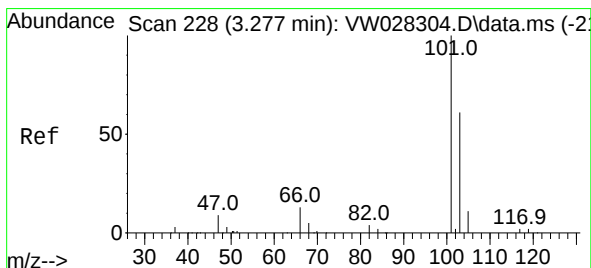
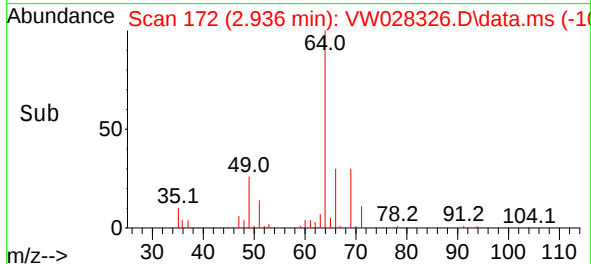
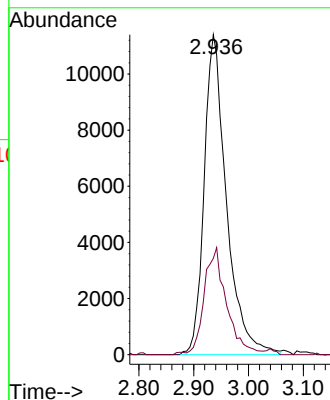
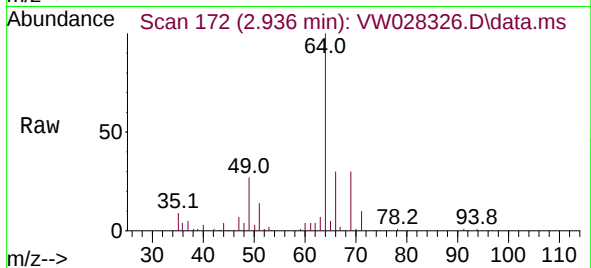




#8
Chloroethane
Concen: 24.771 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW028326.D
Acq: 04 Apr 2024 19:50

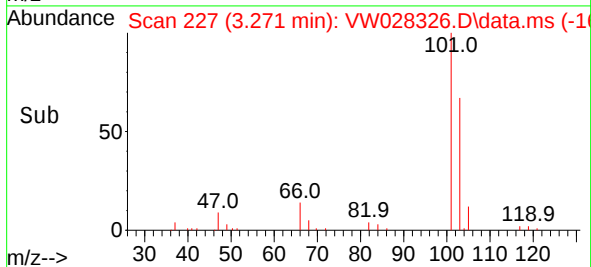
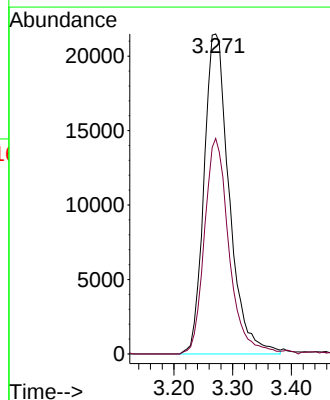
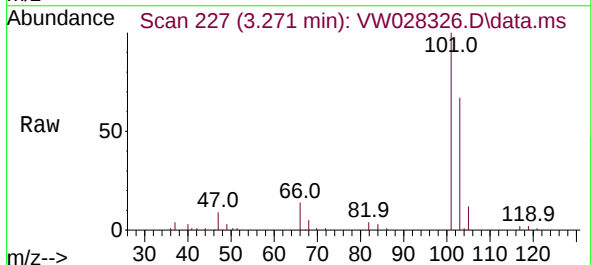
Instrument :
MSVOA_W
ClientSampleId :

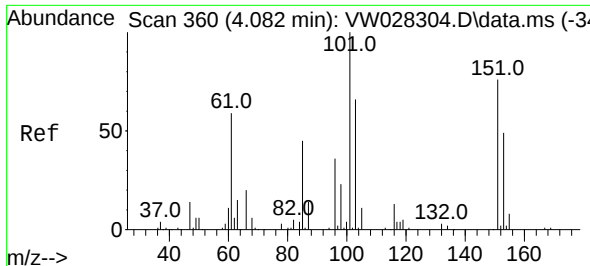
Tgt Ion: 64 Resp: 32212
Ion Ratio Lower Upper
64 100
66 30.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 21.896 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW028326.D
Acq: 04 Apr 2024 19:50

Tgt Ion:101 Resp: 64050
Ion Ratio Lower Upper
101 100
103 65.6 50.9 76.3





#10

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

Concen: 23.409 ug/L

RT: 4.070 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

Instrument :

MSVOA_W

ClientSampleId :

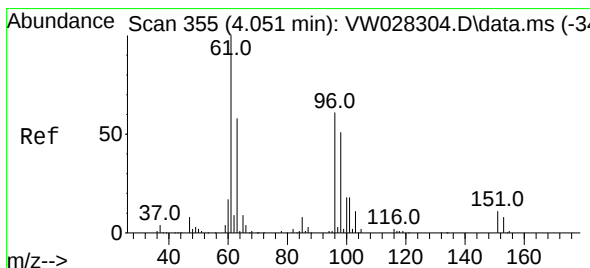
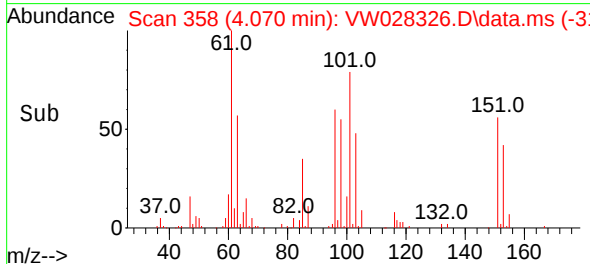
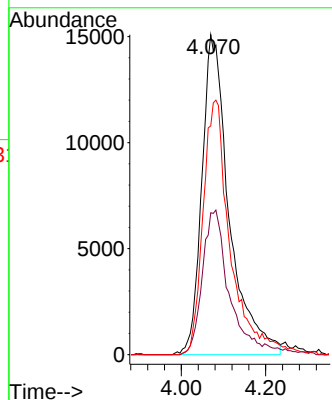
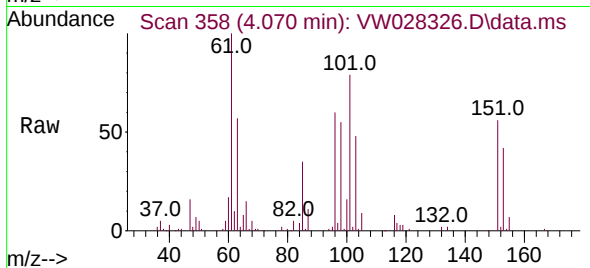
Tgt Ion:101 Resp: 68024

Ion Ratio Lower Upper

101 100

85 43.2 36.4 54.6

151 75.2 58.4 87.6



#12

1,1-Dichloroethene

Concen: 23.397 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

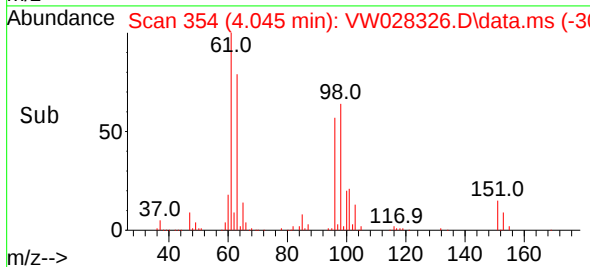
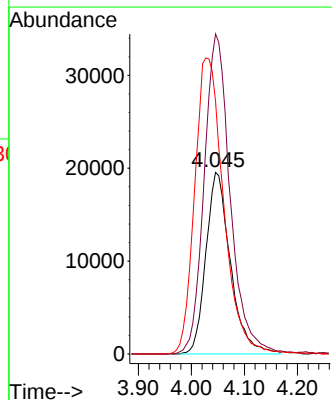
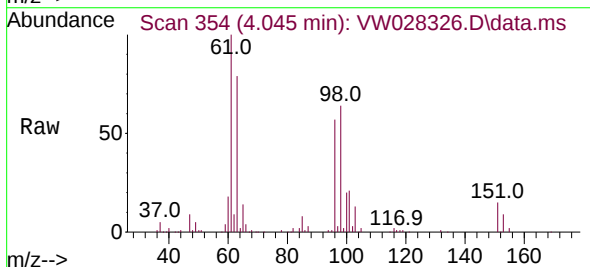
Tgt Ion: 96 Resp: 62851

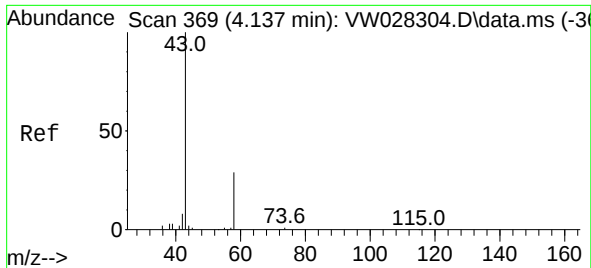
Ion Ratio Lower Upper

96 100

61 176.2 132.2 245.4

63 139.0 104.6 194.2

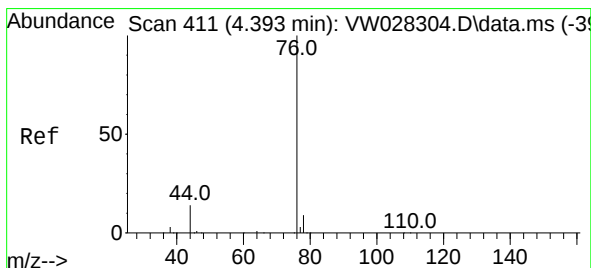
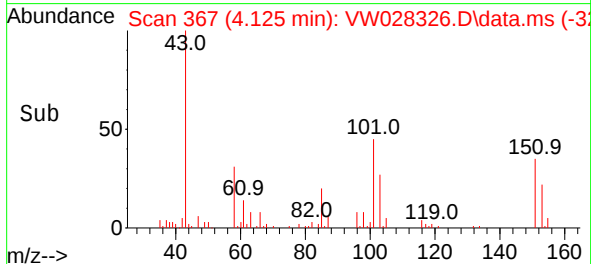
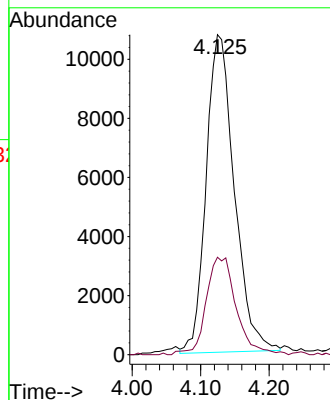
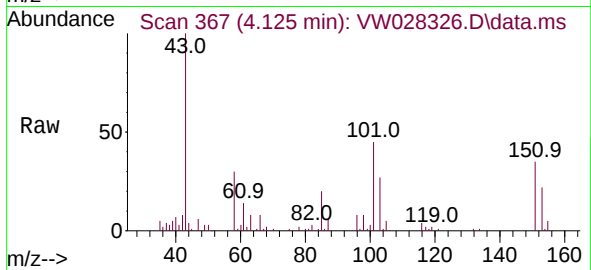




#13
Acetone
Concen: 38.513 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.012 min
Lab File: VW028326.D
Acq: 04 Apr 2024 19:50

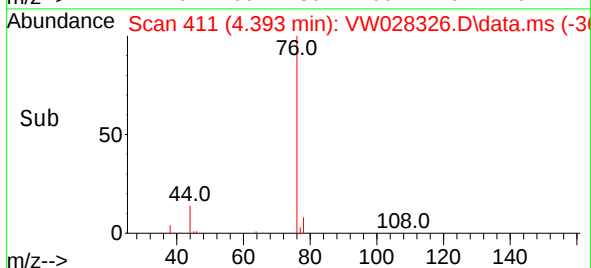
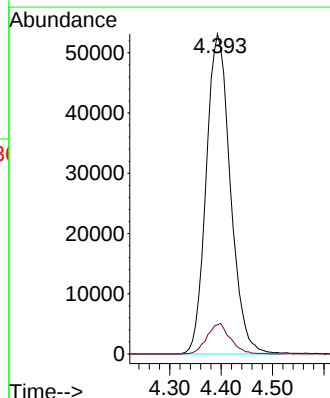
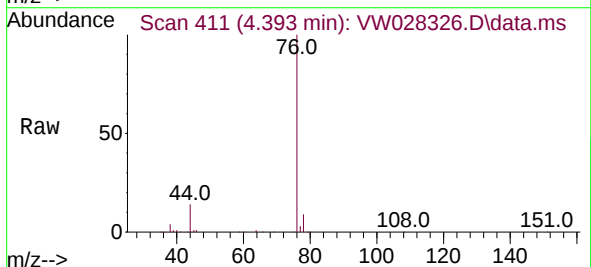
Instrument :
MSVOA_W
ClientSampleId :

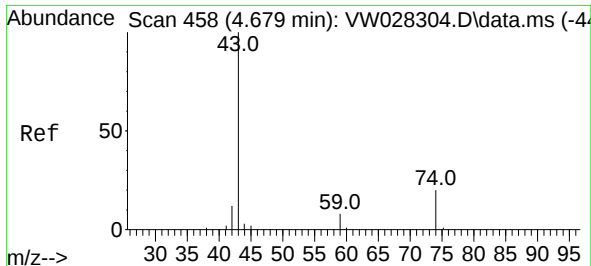
Tgt Ion: 43 Resp: 30698
Ion Ratio Lower Upper
43 100
58 30.4 0.0 57.8



#14
Carbon disulfide
Concen: 20.718 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW028326.D
Acq: 04 Apr 2024 19:50

Tgt Ion: 76 Resp: 173585
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

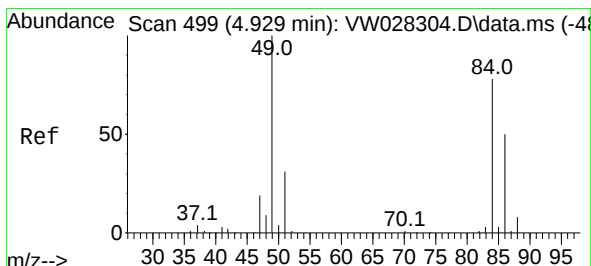
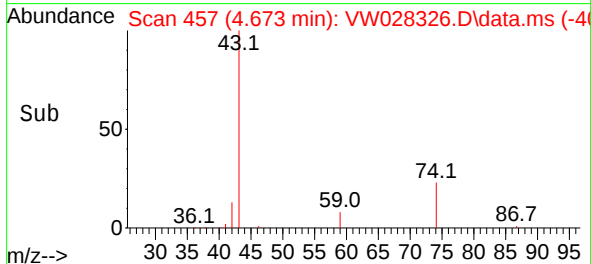
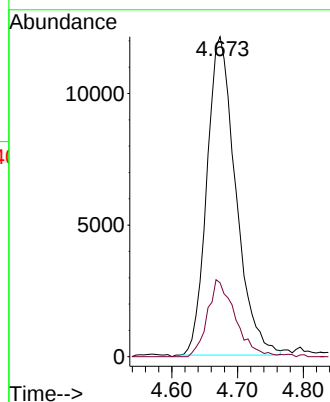
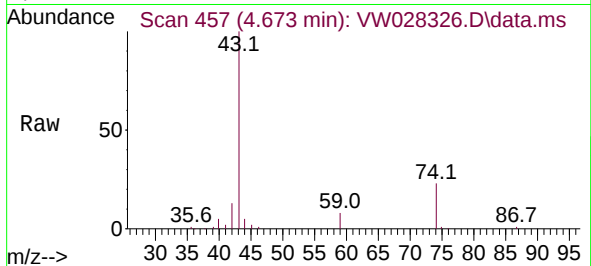




#15
Methyl Acetate
Concen: 30.081 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.006 min
Lab File: VW028326.D
Acq: 04 Apr 2024 19:50

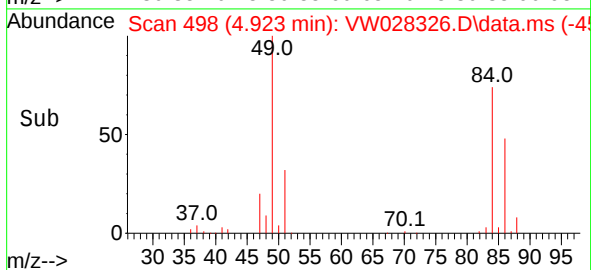
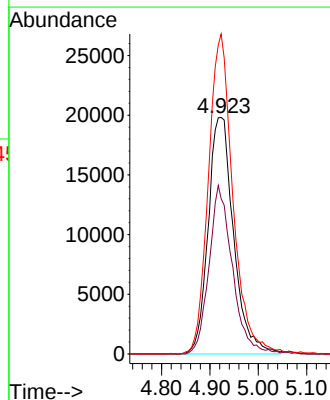
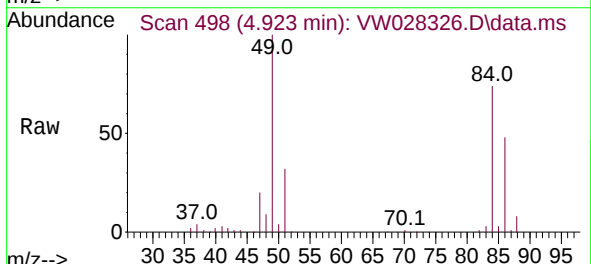
Instrument :
MSVOA_W
ClientSampleId :

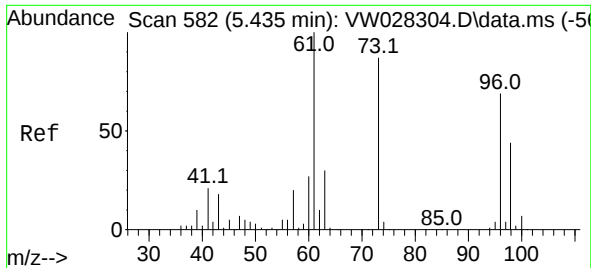
Tgt Ion: 43 Resp: 36933
Ion Ratio Lower Upper
43 100
74 23.2 18.2 27.2



#16
Methylene chloride
Concen: 22.851 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.006 min
Lab File: VW028326.D
Acq: 04 Apr 2024 19:50

Tgt Ion: 84 Resp: 72351
Ion Ratio Lower Upper
84 100
86 65.6 43.1 80.1
49 135.3 89.4 166.0





#17

trans-1,2-Dichloroethene

Concen: 24.430 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

Instrument :

MSVOA_W

ClientSampleId :

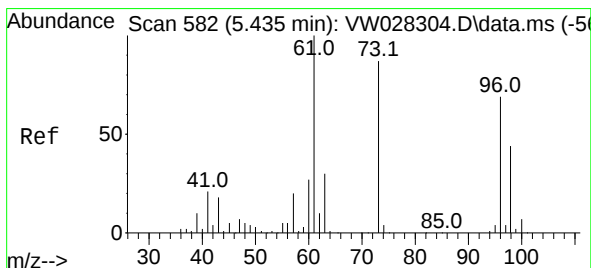
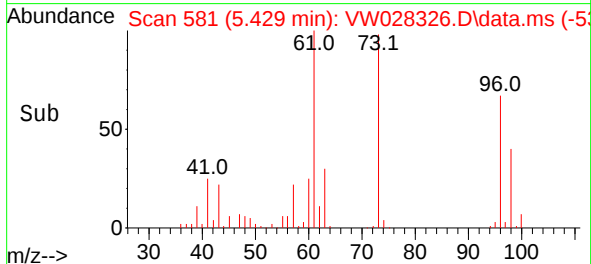
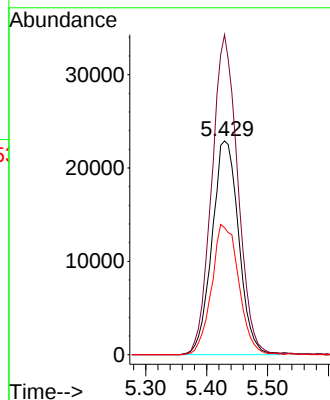
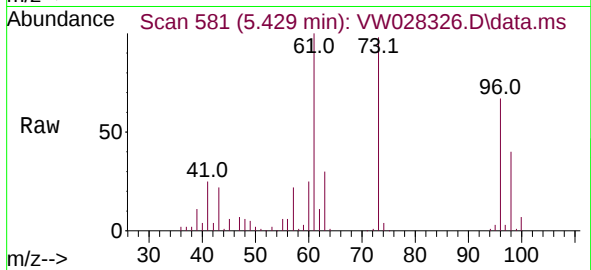
Tgt Ion: 96 Resp: 69743

Ion Ratio Lower Upper

96 100

61 149.7 98.4 182.8

98 59.5 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 27.840 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

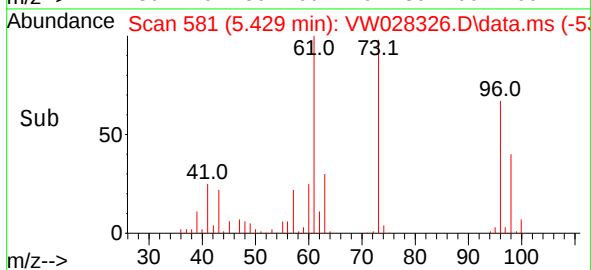
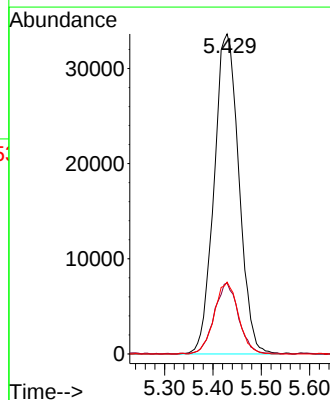
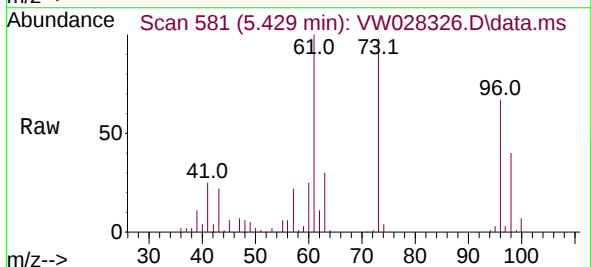
Tgt Ion: 73 Resp: 119910

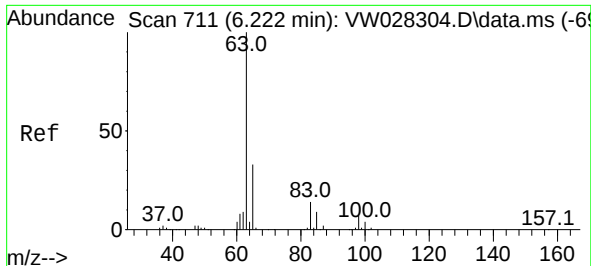
Ion Ratio Lower Upper

73 100

43 21.3 18.2 27.4

57 21.9 17.4 26.2





#19

1,1-Dichloroethane

Concen: 25.792 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

Instrument :

MSVOA_W

ClientSampleId :

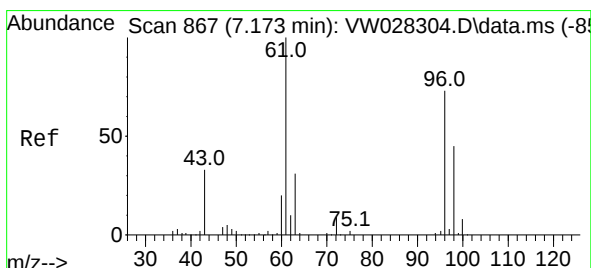
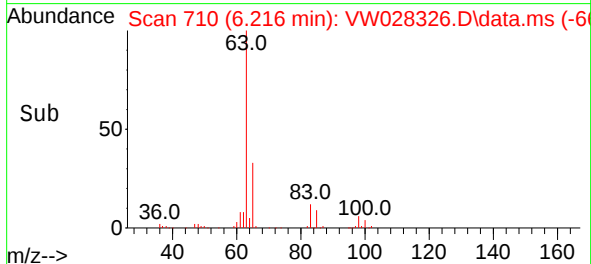
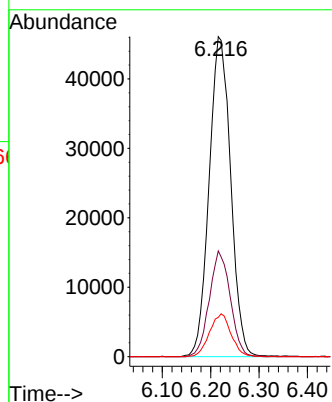
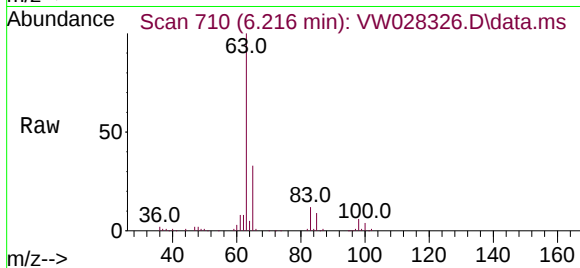
Tgt Ion: 63 Resp: 142546

Ion Ratio Lower Upper

63 100

65 33.1 22.1 41.1

83 12.3 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 25.899 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

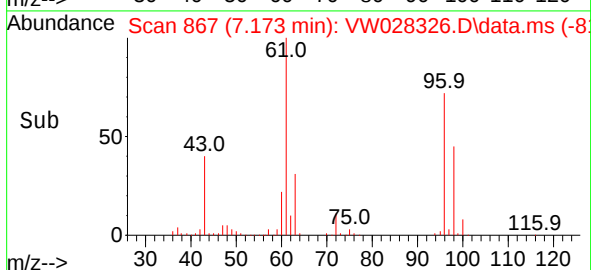
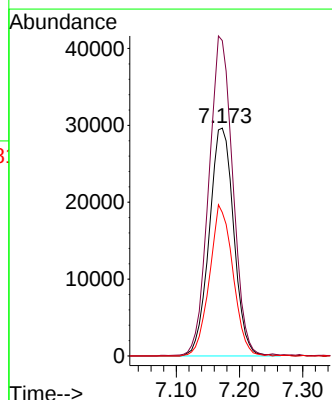
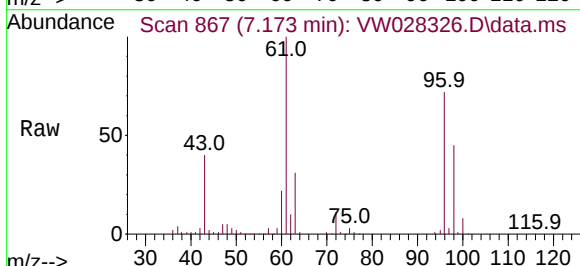
Tgt Ion: 96 Resp: 79853

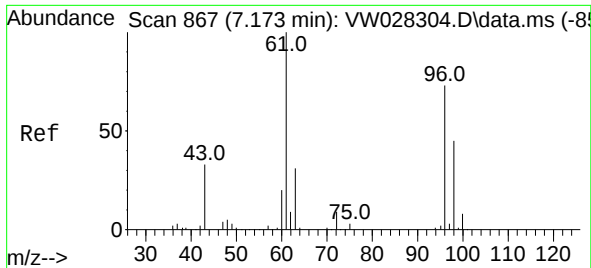
Ion Ratio Lower Upper

96 100

61 138.4 95.7 177.7

98 63.0 43.9 81.5

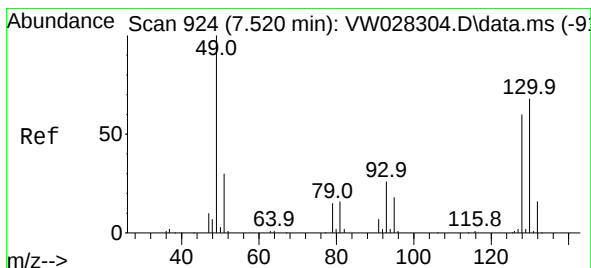
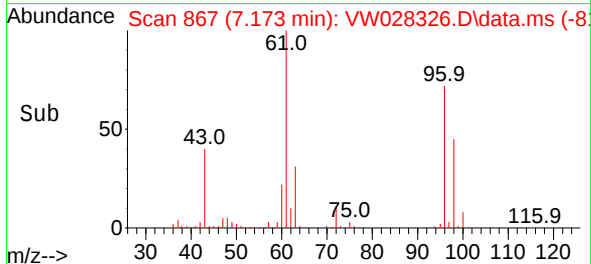
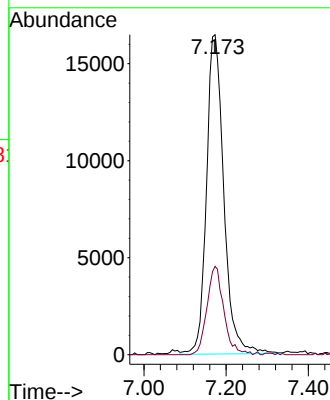
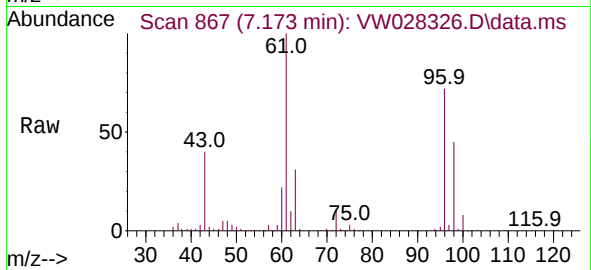




#22
2-Butanone
Concen: 53.199 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW028326.D
Acq: 04 Apr 2024 19:50

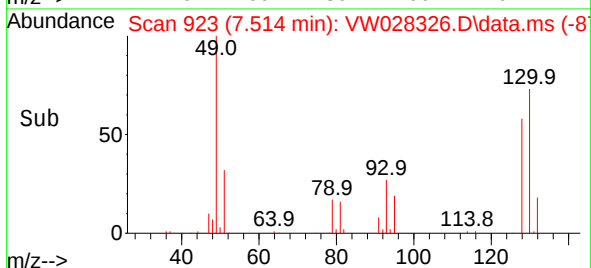
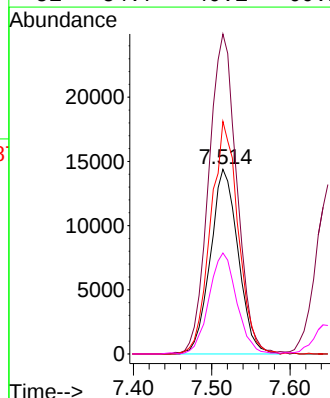
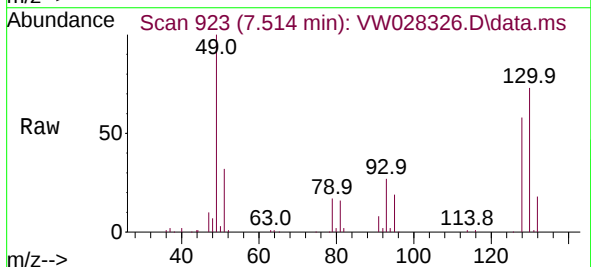
Instrument :
MSVOA_W
ClientSampleId :

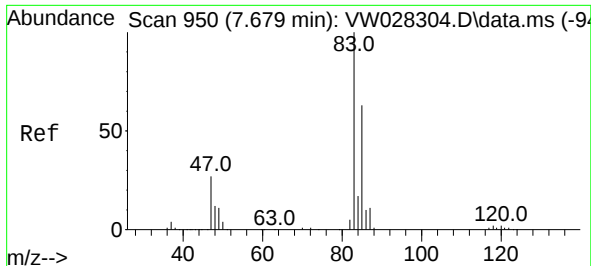
Tgt Ion: 43 Resp: 48144
Ion Ratio Lower Upper
43 100
72 26.4 12.8 38.4



#23
Bromochloromethane
Concen: 25.892 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW028326.D
Acq: 04 Apr 2024 19:50

Tgt Ion:128 Resp: 35292
Ion Ratio Lower Upper
128 100
49 173.2 116.6 216.6
130 125.9 80.1 148.7
51 54.7 40.1 60.1





#25

Chloroform

Concen: 25.424 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

Instrument :

MSVOA_W

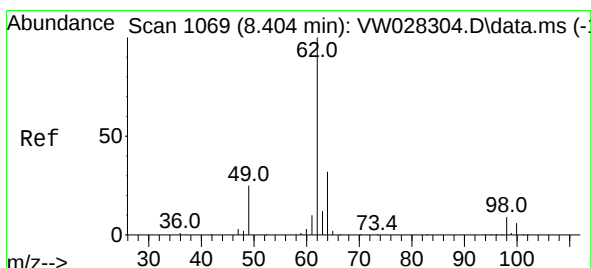
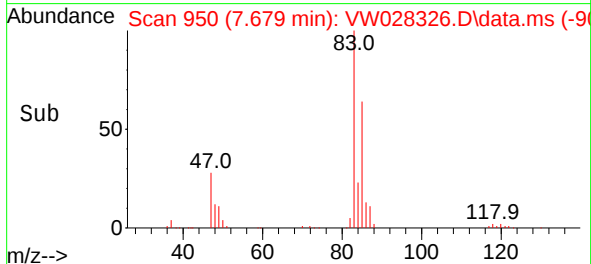
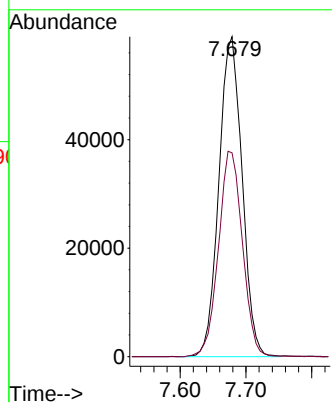
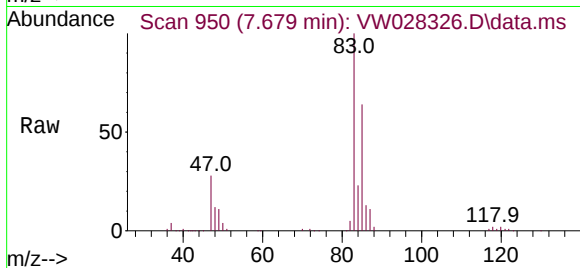
ClientSampleId :

Tgt Ion: 83 Resp: 144655

Ion Ratio Lower Upper

83 100

85 63.7 44.5 82.7



#27

1,2-Dichloroethane

Concen: 24.602 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VW028326.D

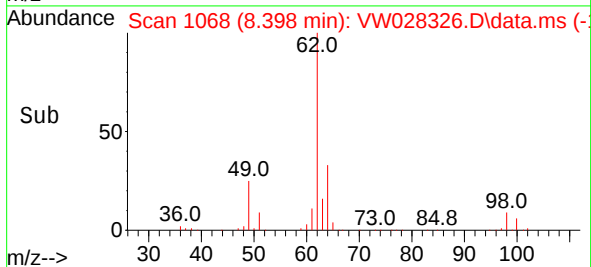
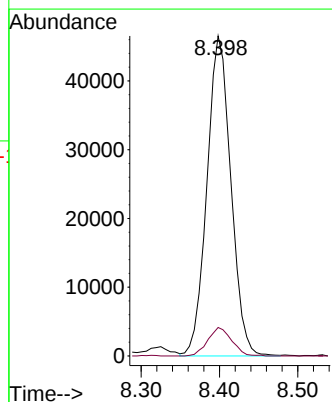
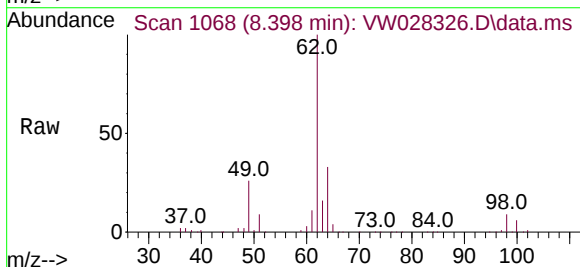
Acq: 04 Apr 2024 19:50

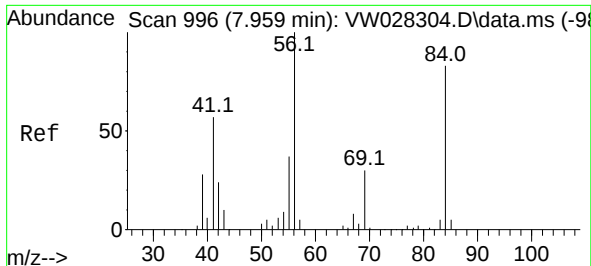
Tgt Ion: 62 Resp: 98852

Ion Ratio Lower Upper

62 100

98 8.9 5.9 8.9#





#29

Cyclohexane

Concen: 22.864 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

Instrument :

MSVOA_W

ClientSampleId :

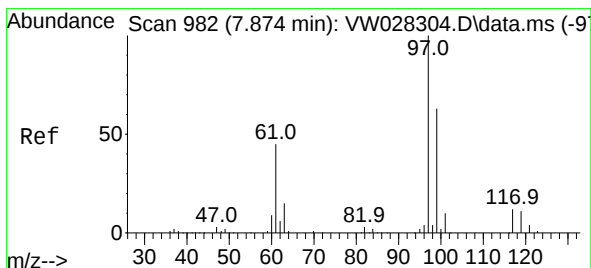
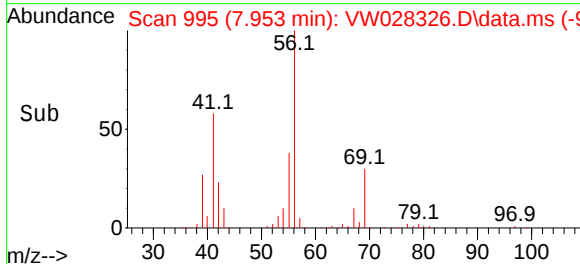
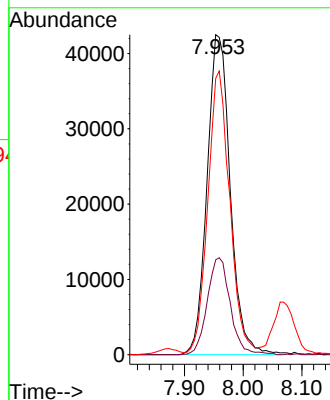
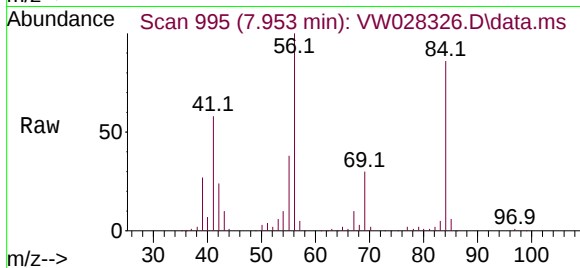
Tgt Ion: 56 Resp: 116587

Ion Ratio Lower Upper

56 100

69 29.9 24.0 36.0

84 83.7 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 23.226 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

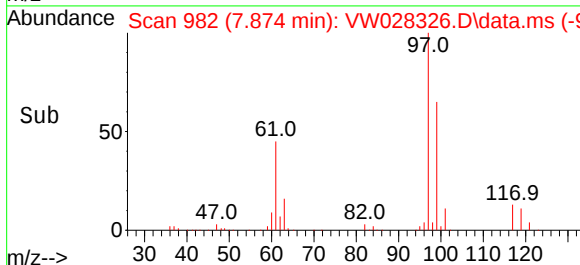
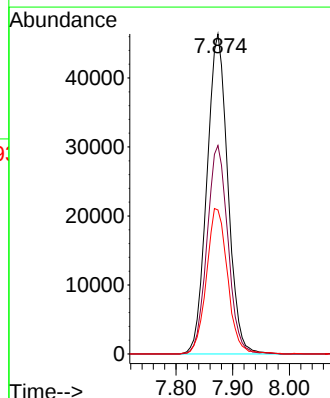
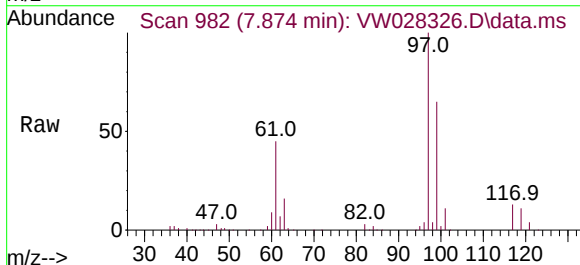
Tgt Ion: 97 Resp: 119024

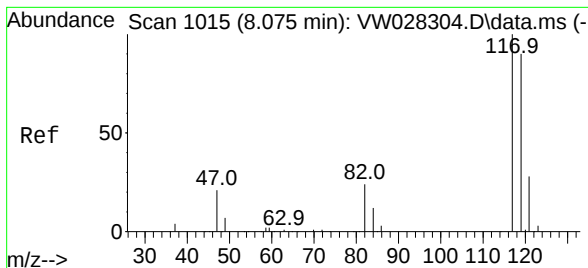
Ion Ratio Lower Upper

97 100

99 65.0 51.3 76.9

61 45.9 37.0 55.6





#31

Carbon tetrachloride

Concen: 22.417 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.000 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

Instrument :

MSVOA_W

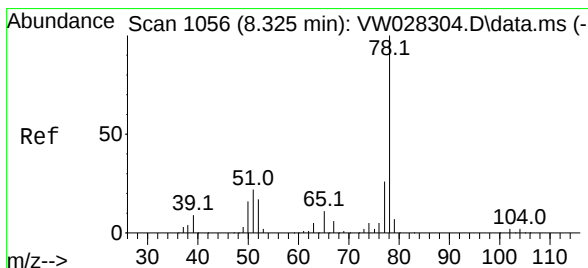
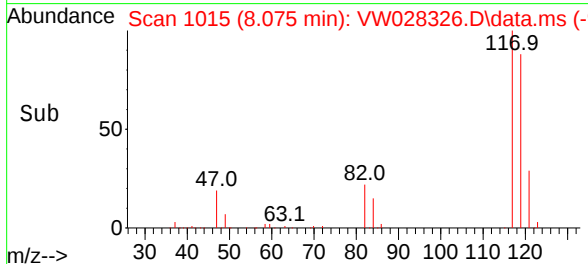
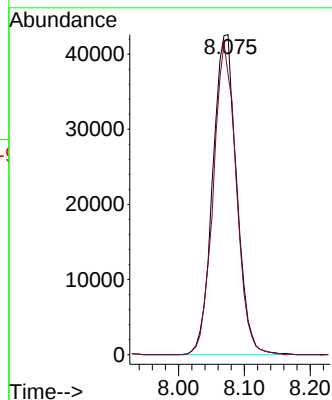
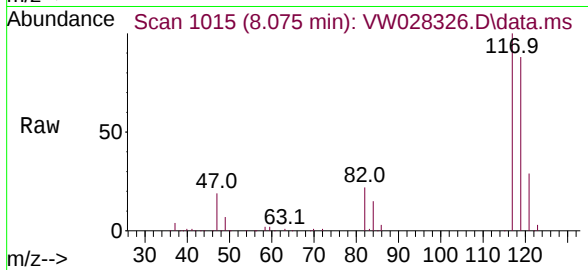
ClientSampleId :

Tgt Ion:117 Resp: 107756

Ion Ratio Lower Upper

117 100

119 93.9 78.2 117.4



#33

Benzene

Concen: 25.129 ug/L

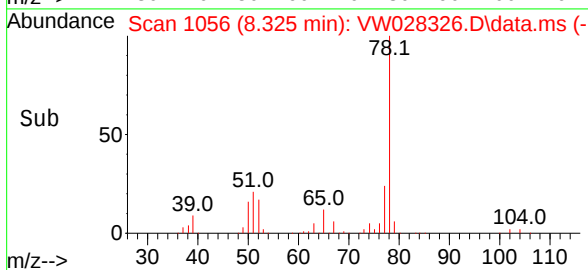
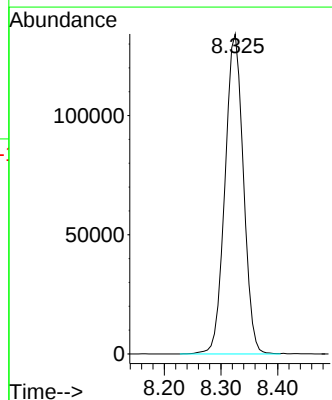
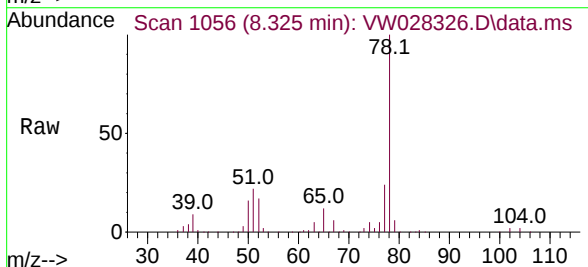
RT: 8.325 min Scan# 1056

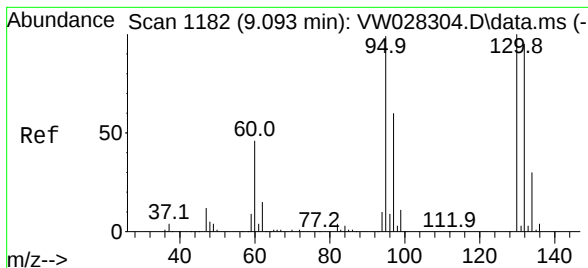
Delta R.T. 0.000 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

Tgt Ion: 78 Resp: 302296





#34

Trichloroethene

Concen: 23.854 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 80059

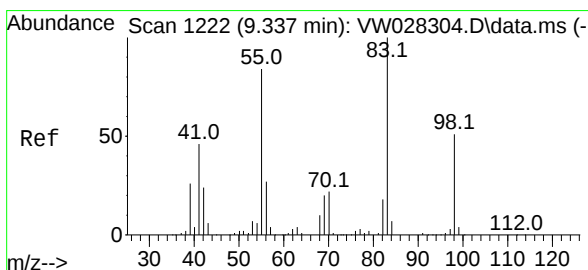
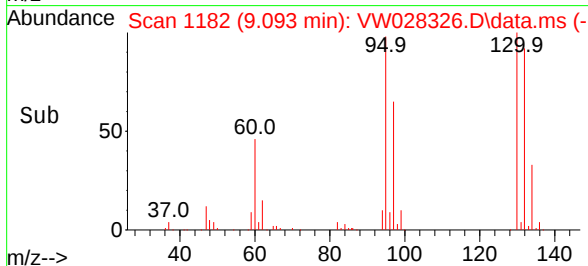
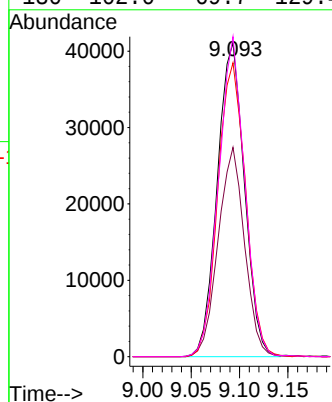
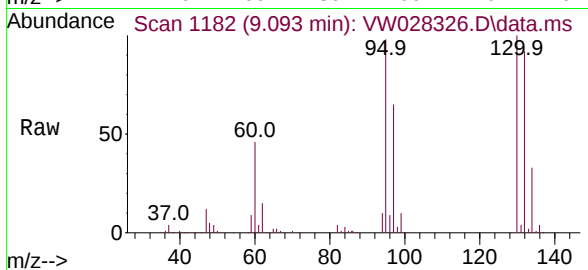
Ion Ratio Lower Upper

95 100

97 66.7 42.4 78.6

132 93.7 69.4 128.8

130 102.0 69.7 129.4



#35

Methylcyclohexane

Concen: 22.243 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

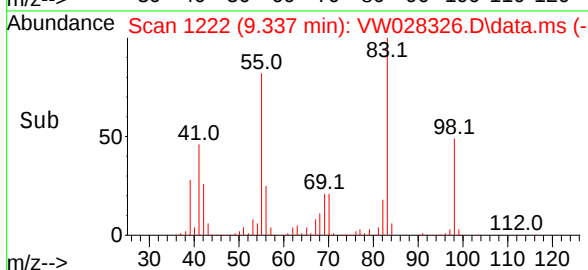
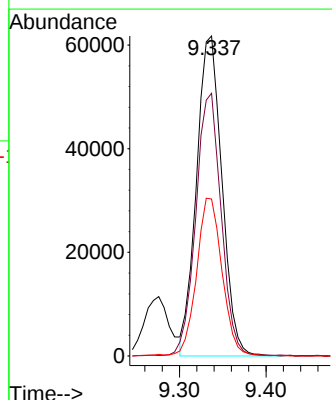
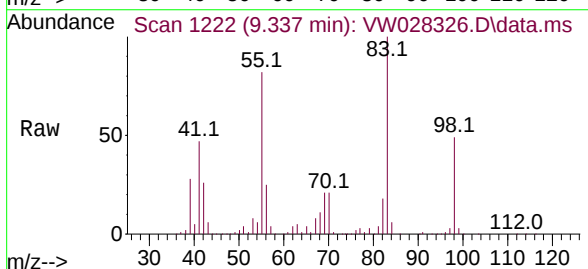
Tgt Ion: 83 Resp: 126188

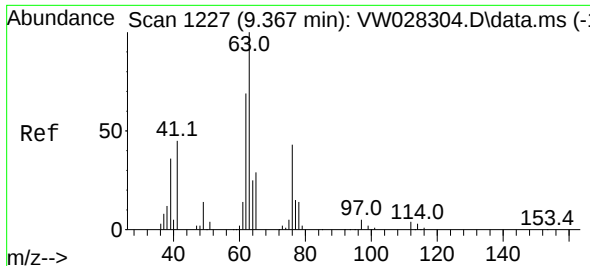
Ion Ratio Lower Upper

83 100

55 81.9 64.2 96.4

98 49.0 38.3 57.5





#37

1,2-Dichloropropane

Concen: 26.129 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

Instrument :

MSVOA_W

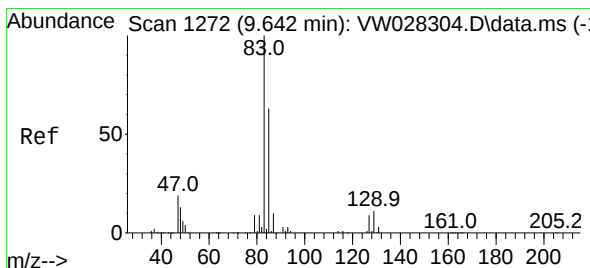
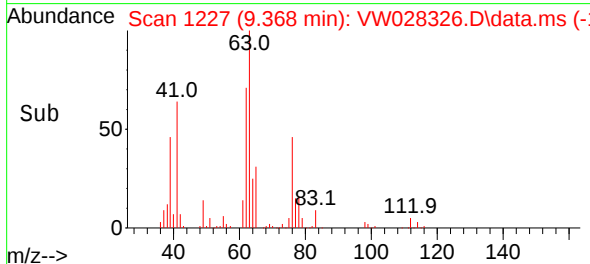
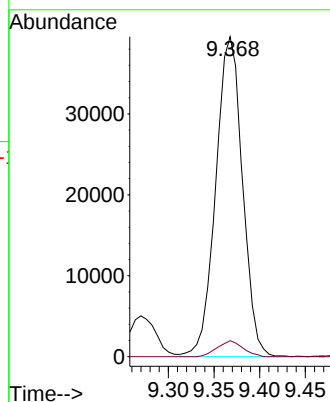
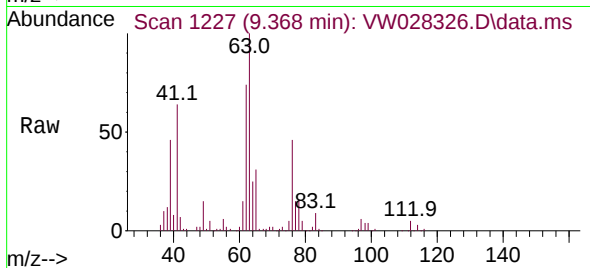
ClientSampleId :

Tgt Ion: 63 Resp: 80398

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 25.195 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

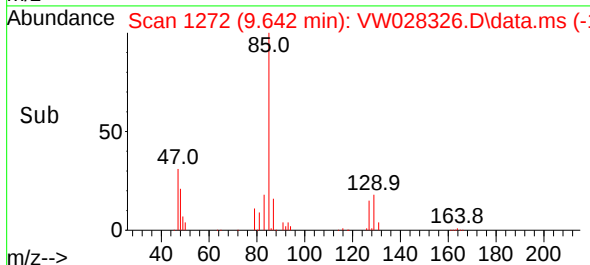
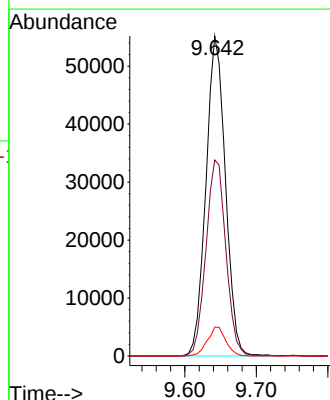
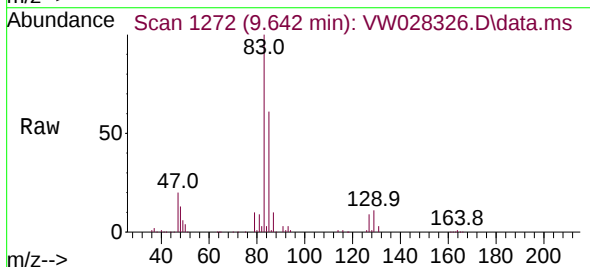
Tgt Ion: 83 Resp: 104525

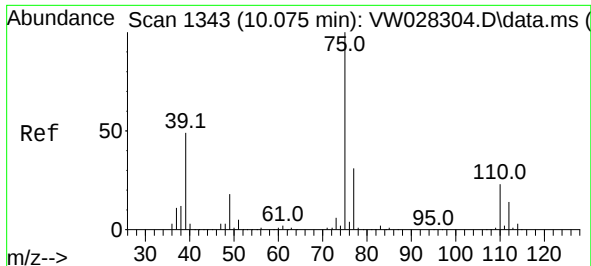
Ion Ratio Lower Upper

83 100

85 61.2 45.8 85.2

127 9.0 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 25.228 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

Instrument :

MSVOA_W

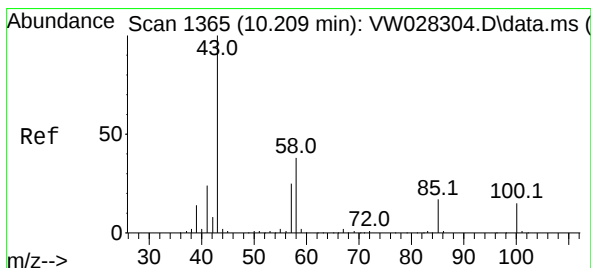
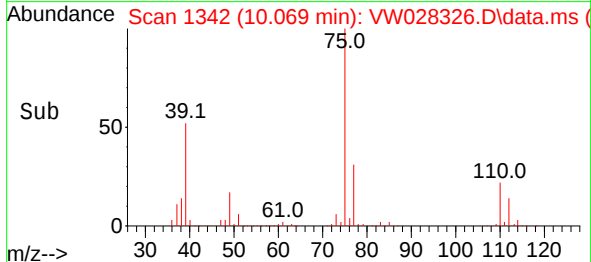
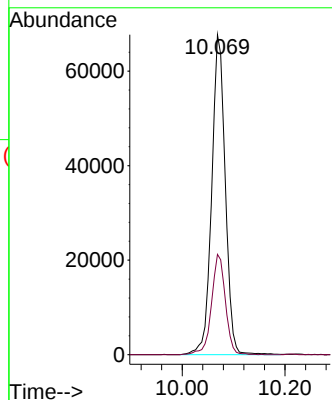
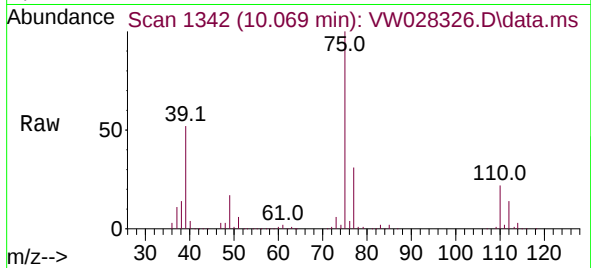
ClientSampleId :

Tgt Ion: 75 Resp: 124320

Ion Ratio Lower Upper

75 100

77 31.4 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 63.374 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

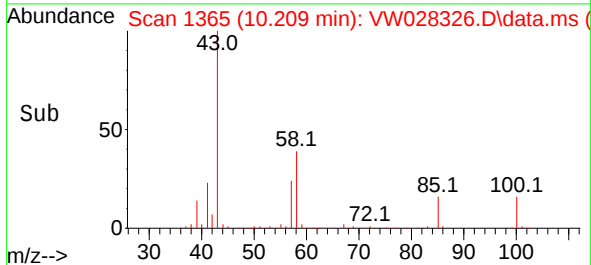
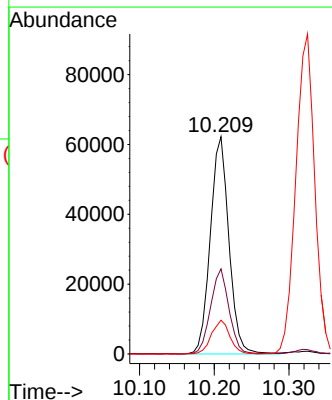
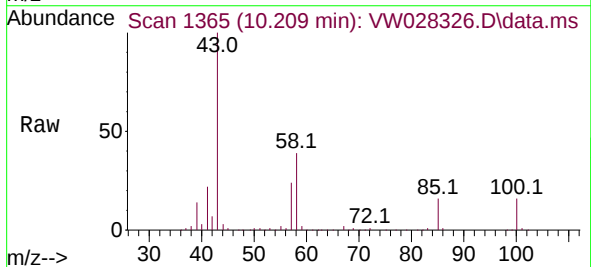
Tgt Ion: 43 Resp: 107638

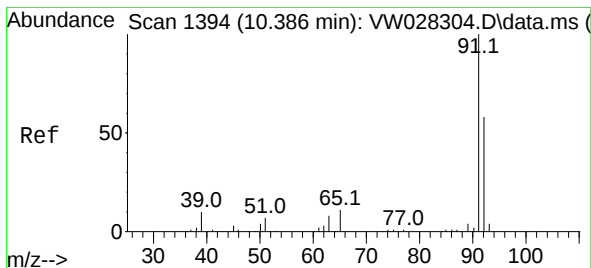
Ion Ratio Lower Upper

43 100

58 38.8 30.1 45.1

100 15.4 11.8 17.8





#42

Toluene

Concen: 24.433 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

Instrument :

MSVOA_W

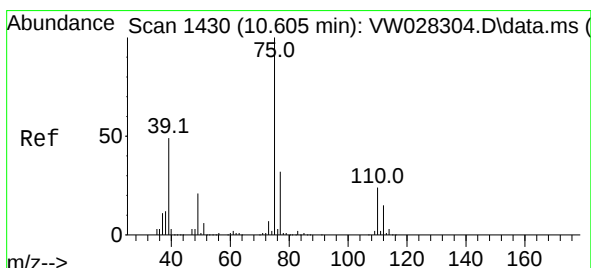
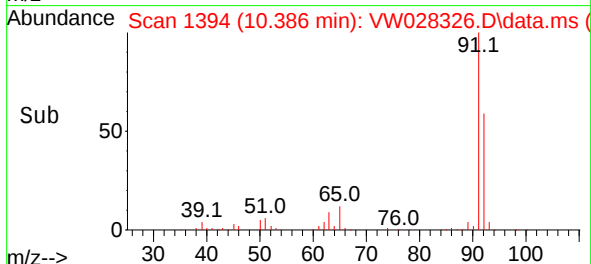
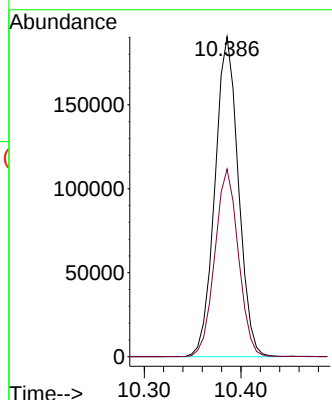
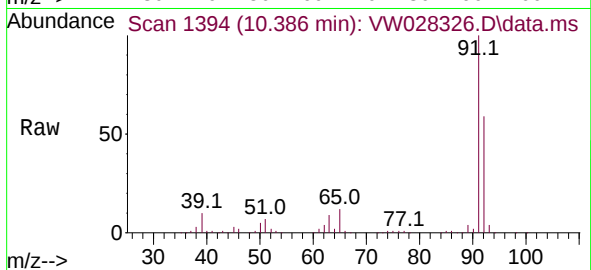
ClientSampleId :

Tgt Ion: 91 Resp: 320789

Ion Ratio Lower Upper

91 100

92 58.6 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 25.530 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028326.D

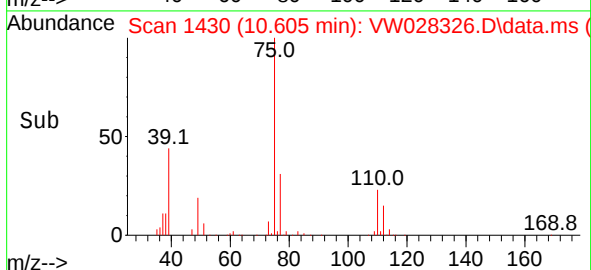
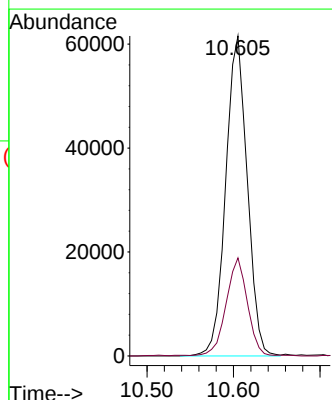
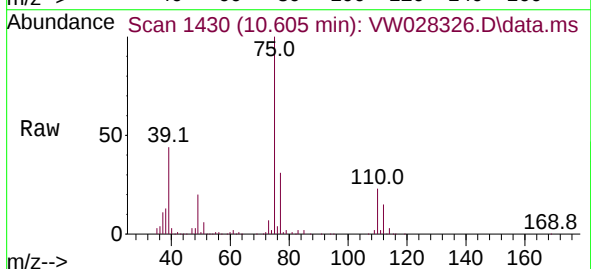
Acq: 04 Apr 2024 19:50

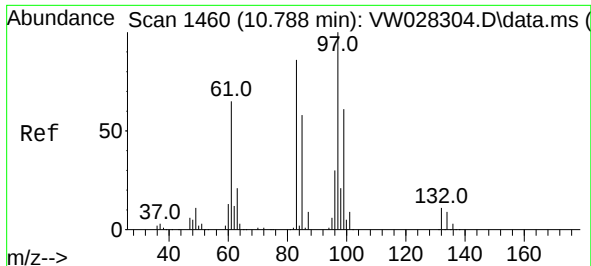
Tgt Ion: 75 Resp: 106215

Ion Ratio Lower Upper

75 100

77 30.7 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 27.714 ug/L

RT: 10.782 min Scan# 1460

Delta R.T. -0.006 min

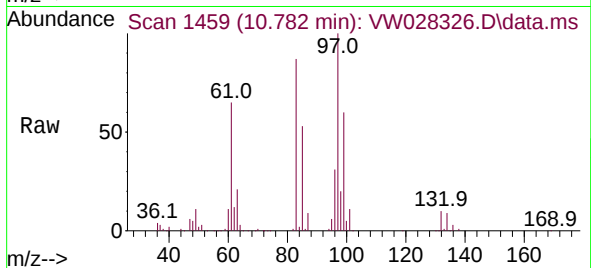
Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 61613

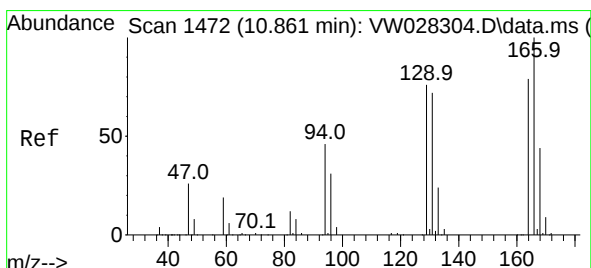
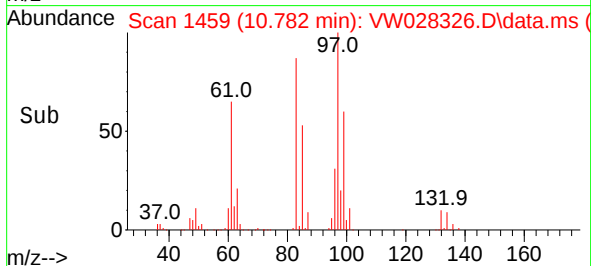
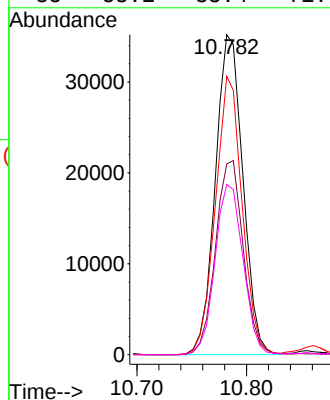
Ion Ratio Lower Upper

97 100

99 59.6 43.4 80.6

83 87.0 59.4 110.4

85 53.1 38.4 71.4



#46

Tetrachloroethene

Concen: 22.372 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

Tgt Ion:164 Resp: 60527

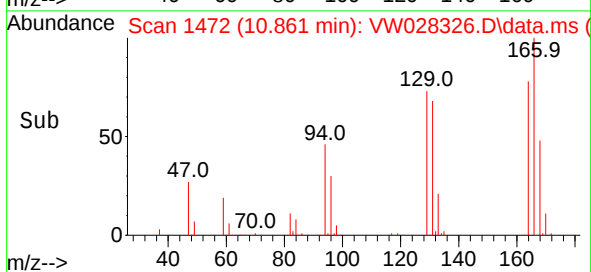
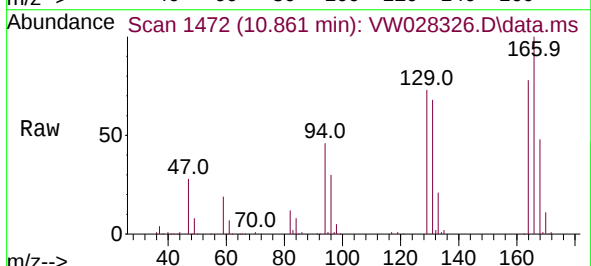
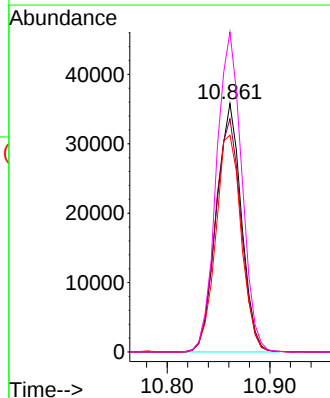
Ion Ratio Lower Upper

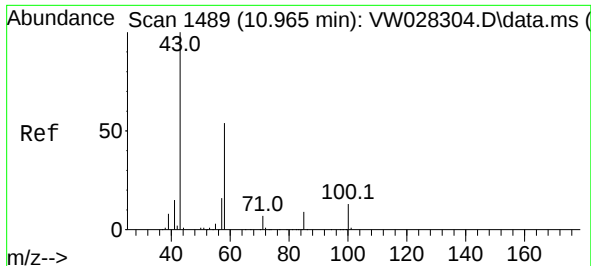
164 100

129 93.8 64.0 119.0

131 87.2 62.6 116.3

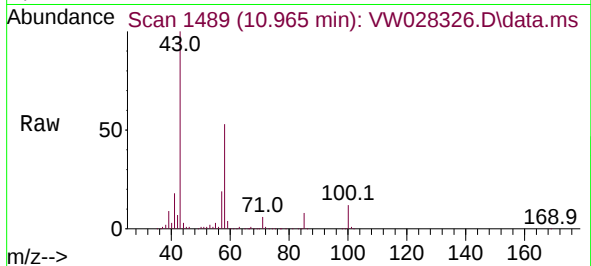
166 128.8 84.7 157.3



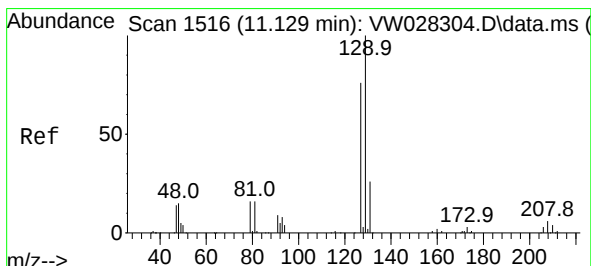
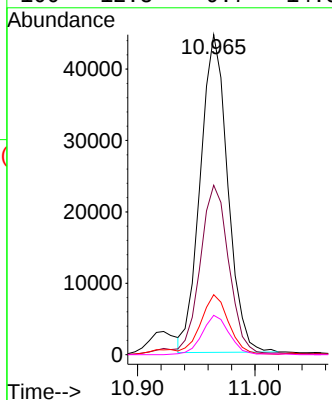
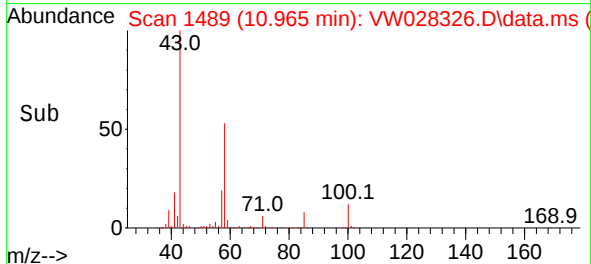


#48
2-Hexanone
Concen: 54.304 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028326.D
Acq: 04 Apr 2024 19:50

Instrument :
MSVOA_W
ClientSampleId :

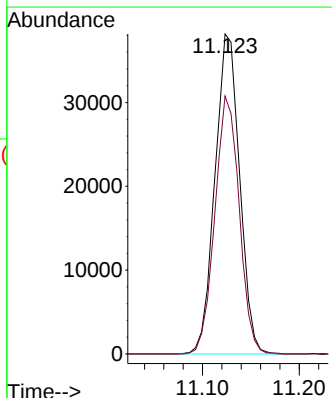
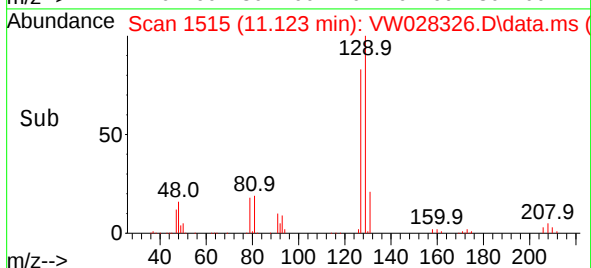
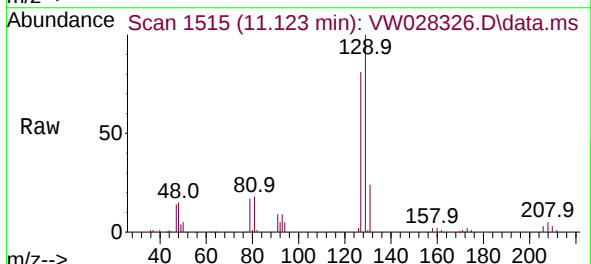


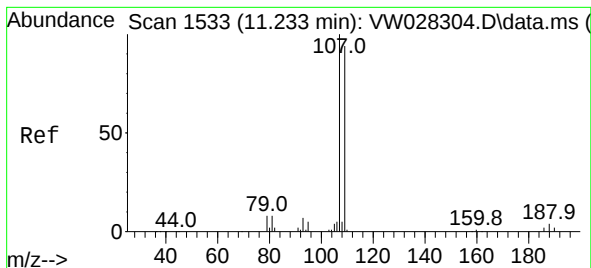
Tgt Ion:	43	Resp:	72250
Ion	Ratio	Lower	Upper
43	100		
58	54.9	40.6	61.0
57	19.4	15.7	23.5
100	12.3	9.7	14.5



#49
Dibromochloromethane
Concen: 25.685 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW028326.D
Acq: 04 Apr 2024 19:50

Tgt Ion:	129	Resp:	67628
Ion	Ratio	Lower	Upper
129	100		
127	80.6	53.1	98.7





#50

1,2-Dibromoethane

Concen: 26.940 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

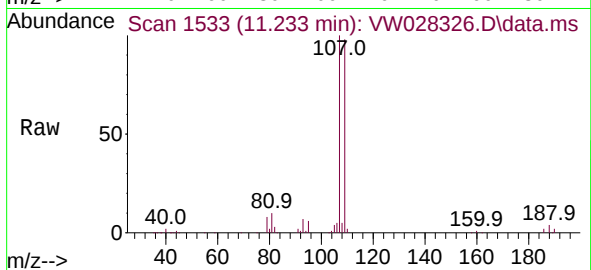
Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

Instrument :

MSVOA_W

ClientSampleId :



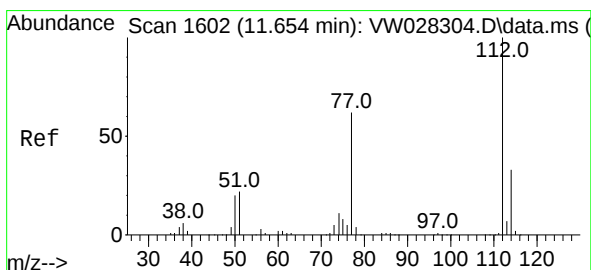
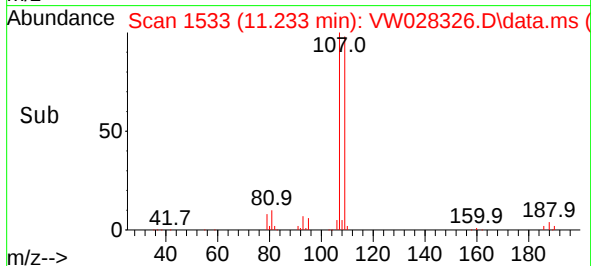
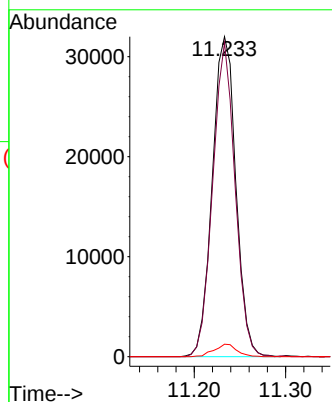
Tgt Ion:107 Resp: 57269

Ion Ratio Lower Upper

107 100

109 98.2 64.4 119.6

188 3.9 3.4 5.2



#51

Chlorobenzene

Concen: 24.980 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

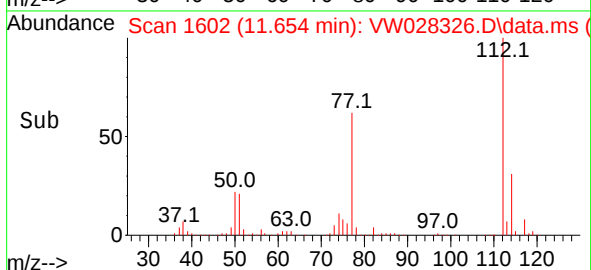
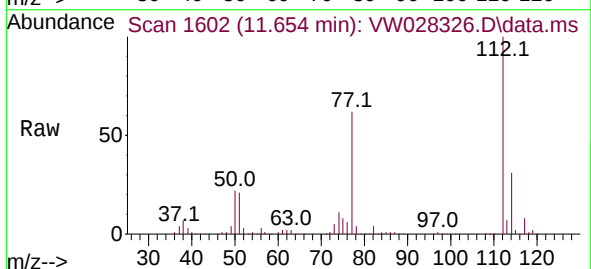
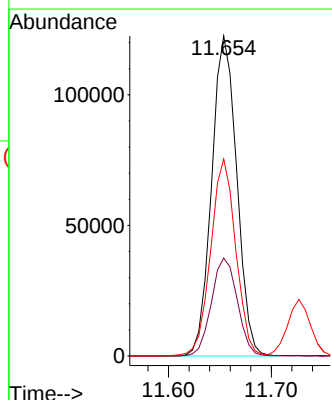
Tgt Ion:112 Resp: 208173

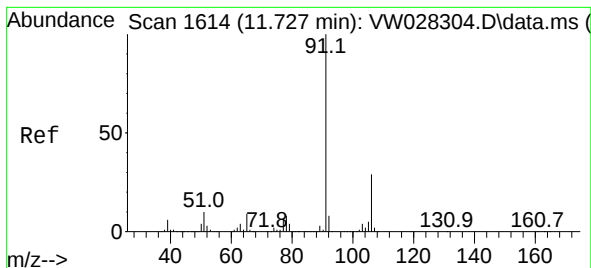
Ion Ratio Lower Upper

112 100

114 30.6 21.8 40.6

77 61.6 50.6 76.0





#52

Ethylbenzene

Concen: 24.204 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

Instrument :

MSVOA_W

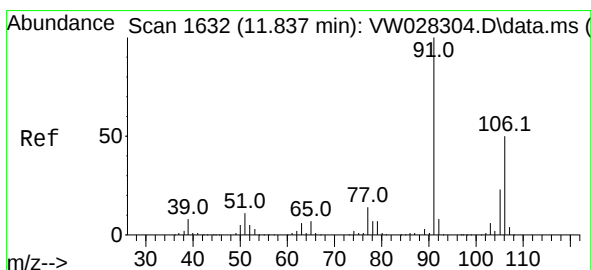
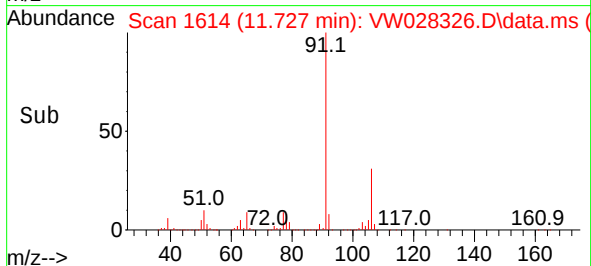
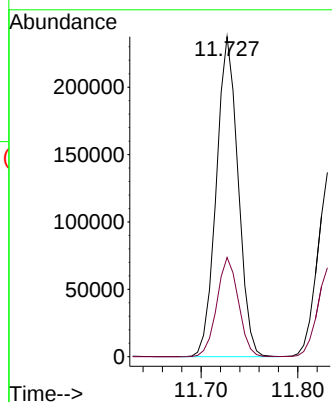
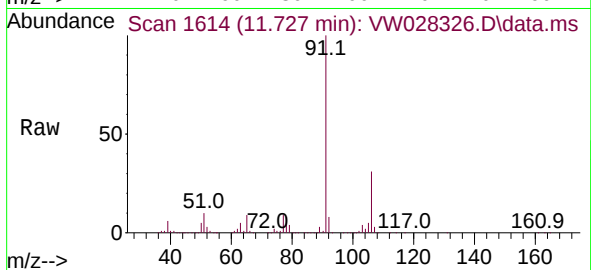
ClientSampleId :

Tgt Ion: 91 Resp: 370963

Ion Ratio Lower Upper

91 100

106 31.0 21.3 39.5



#53

m,p-Xylene

Concen: 23.576 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028326.D

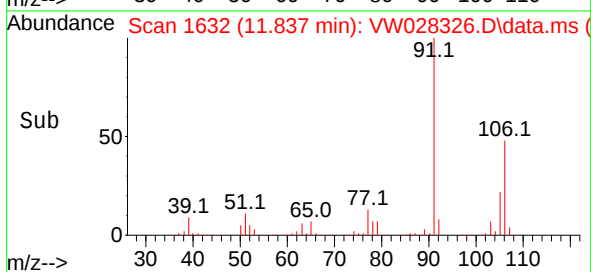
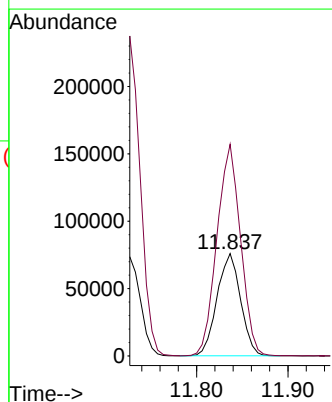
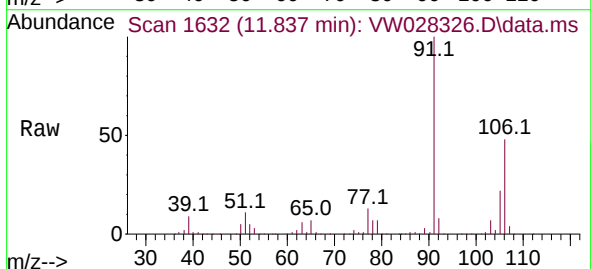
Acq: 04 Apr 2024 19:50

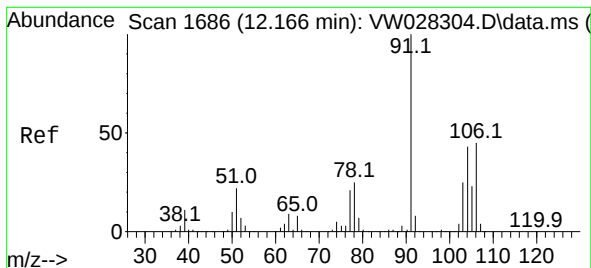
Tgt Ion:106 Resp: 135977

Ion Ratio Lower Upper

106 100

91 206.6 147.1 273.1





#54

o-Xylene

Concen: 25.029 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

Instrument :

MSVOA_W

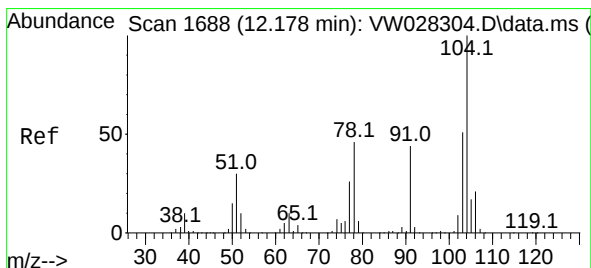
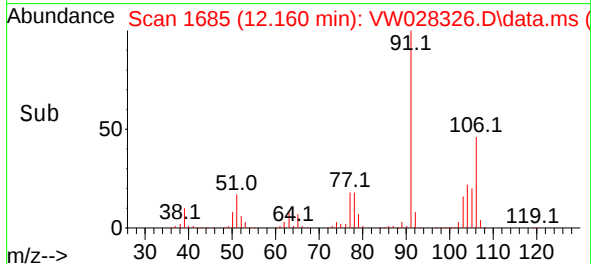
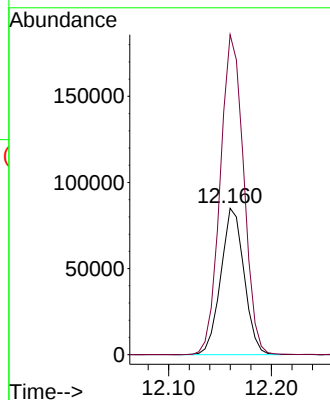
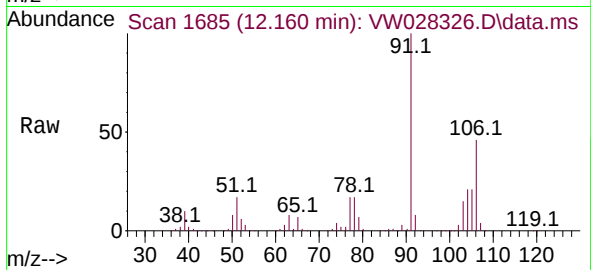
ClientSampleId :

Tgt Ion:106 Resp: 133867

Ion Ratio Lower Upper

106 100

91 218.6 149.2 277.2



#55

Styrene

Concen: 25.538 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028326.D

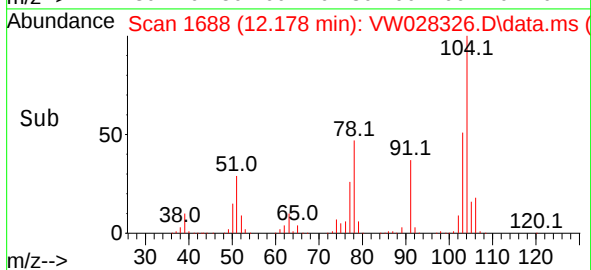
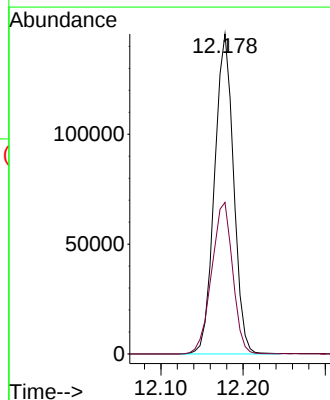
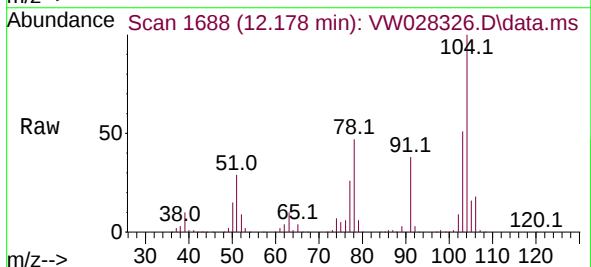
Acq: 04 Apr 2024 19:50

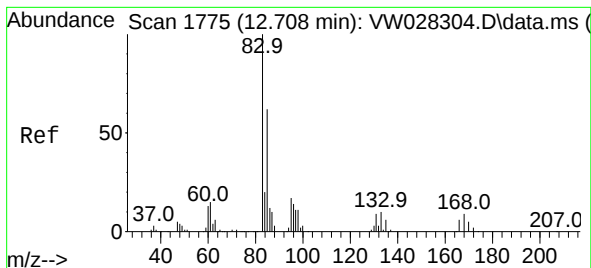
Tgt Ion:104 Resp: 234623

Ion Ratio Lower Upper

104 100

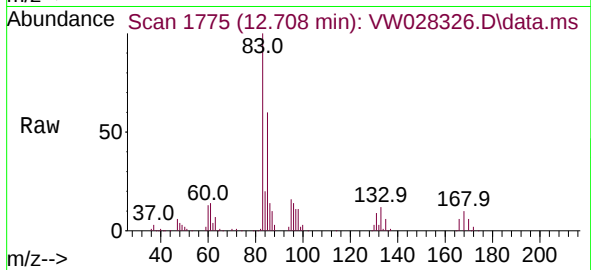
78 47.3 33.2 61.7



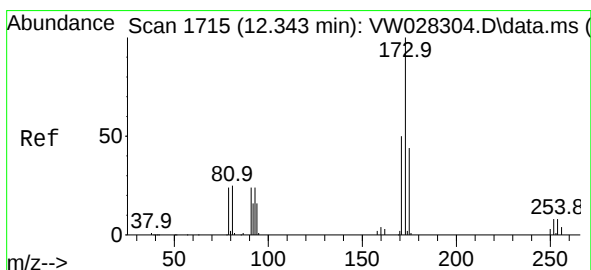
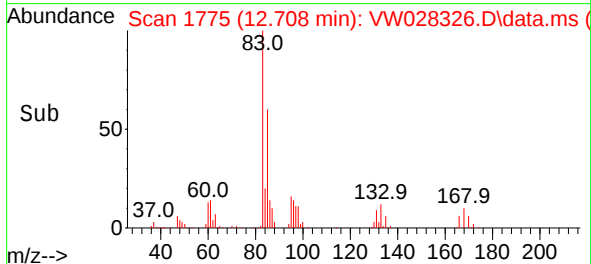
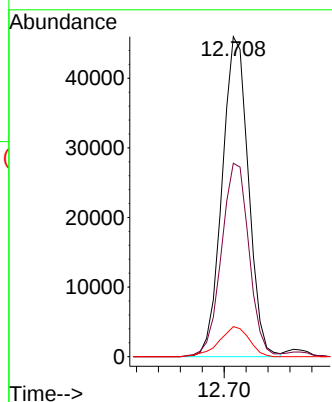


#57
1,1,2,2-Tetrachloroethane
Concen: 30.121 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028326.D
Acq: 04 Apr 2024 19:50

Instrument :
MSVOA_W
ClientSampleId :

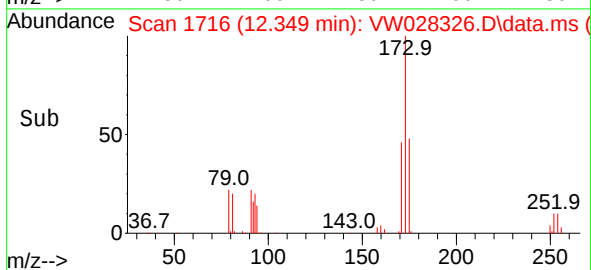
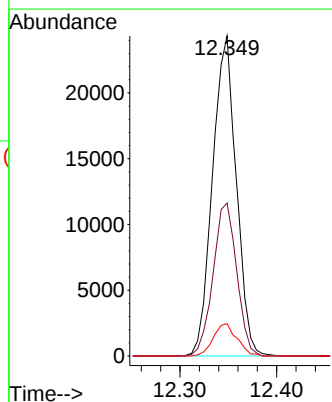
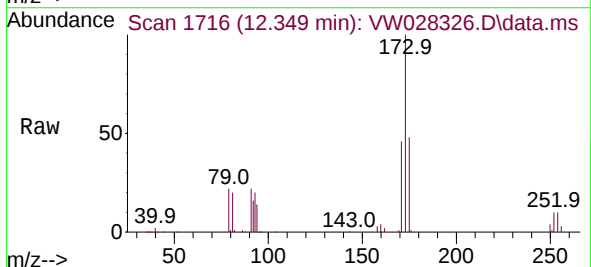


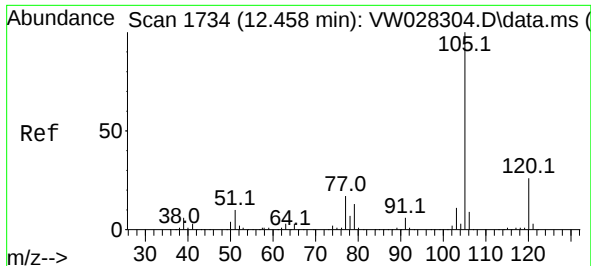
Tgt Ion: 83 Resp: 76593
Ion Ratio Lower Upper
83 100
85 60.5 47.0 87.2
131 9.4 8.9 13.3



#59
Bromoform
Concen: 28.208 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW028326.D
Acq: 04 Apr 2024 19:50

Tgt Ion: 173 Resp: 41489
Ion Ratio Lower Upper
173 100
175 47.5 39.8 59.6
254 10.0 8.5 12.7

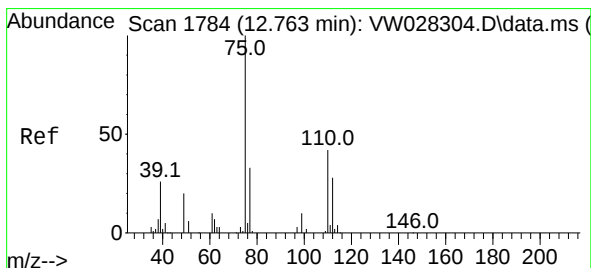
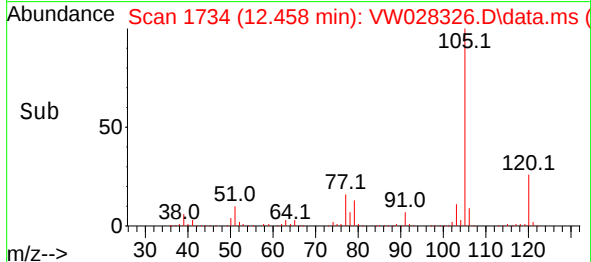
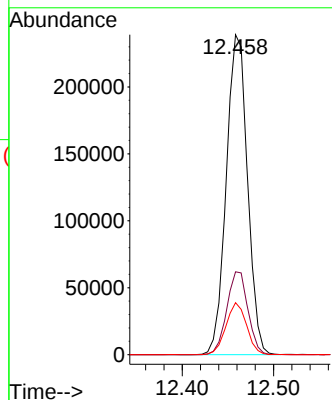
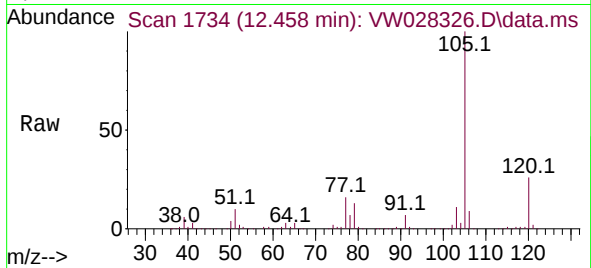




#60
Isopropylbenzene
Concen: 26.465 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW028326.D
Acq: 04 Apr 2024 19:50

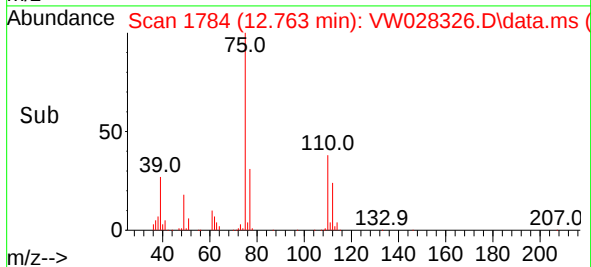
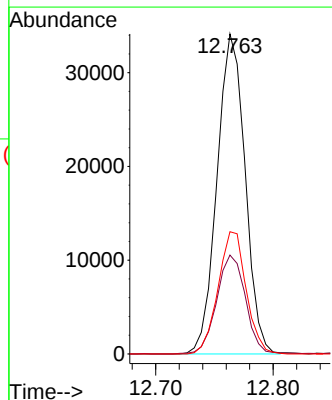
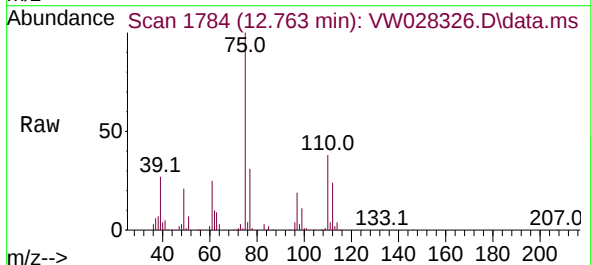
Instrument :
MSVOA_W
ClientSampleId :

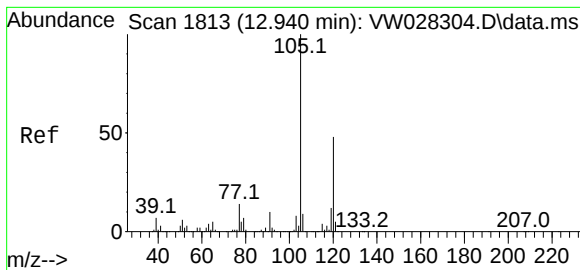
Tgt Ion:105 Resp: 385960
Ion Ratio Lower Upper
105 100
120 25.8 21.0 31.6
77 15.8 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 30.240 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028326.D
Acq: 04 Apr 2024 19:50

Tgt Ion: 75 Resp: 56650
Ion Ratio Lower Upper
75 100
77 31.7 26.0 39.0
110 38.2 32.2 48.2

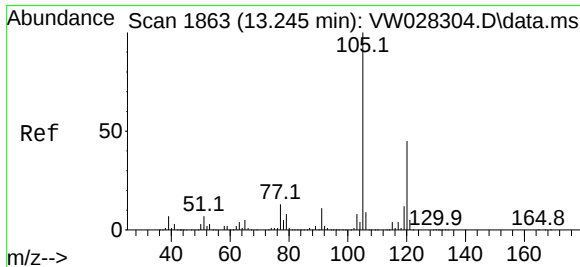
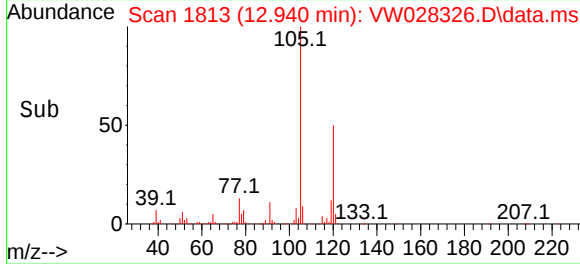
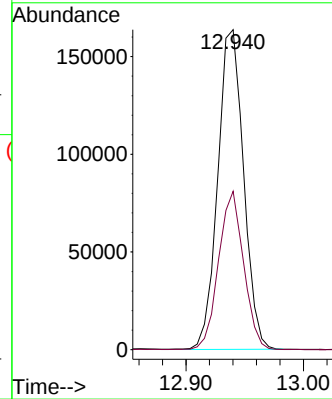
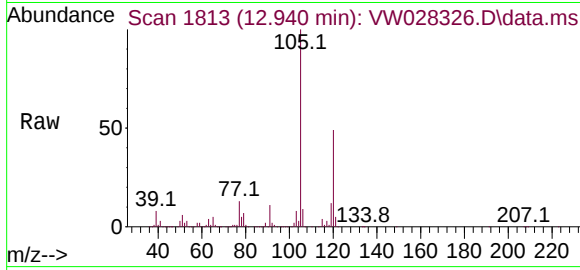




#62
1,3,5-Trimethylbenzene
Concen: 25.537 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028326.D
Acq: 04 Apr 2024 19:50

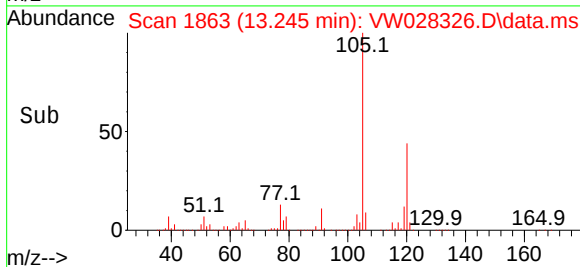
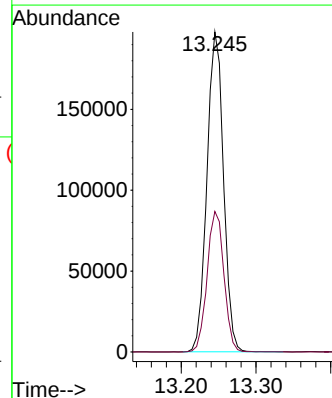
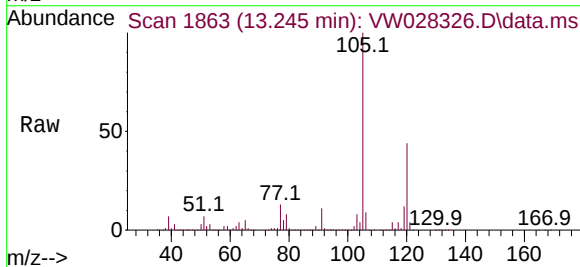
Instrument :
MSVOA_W
ClientSampleId :

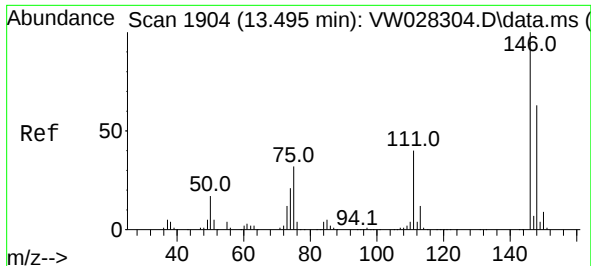
Tgt Ion:105 Resp: 249890
Ion Ratio Lower Upper
105 100
120 48.1 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 25.744 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028326.D
Acq: 04 Apr 2024 19:50

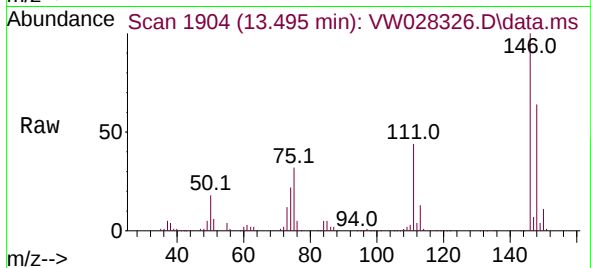
Tgt Ion:105 Resp: 304180
Ion Ratio Lower Upper
105 100
120 44.7 35.6 53.4



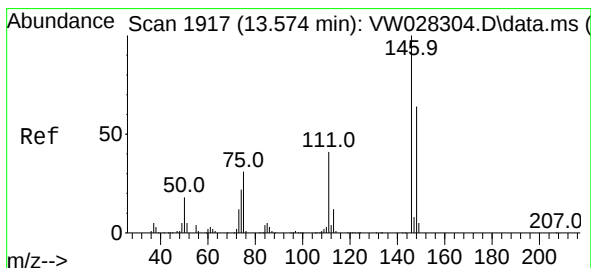
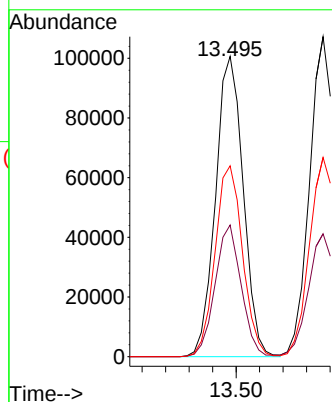
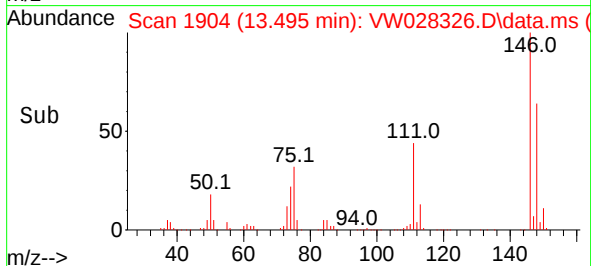


#64
1,3-Dichlorobenzene
Concen: 25.286 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028326.D
Acq: 04 Apr 2024 19:50

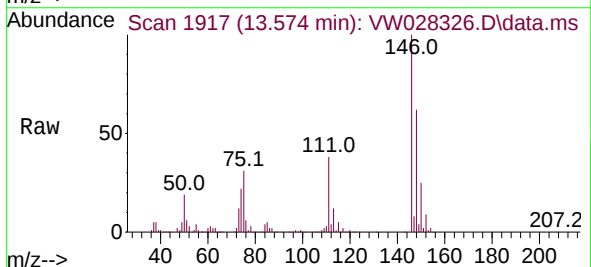
Instrument :
MSVOA_W
ClientSampleId :



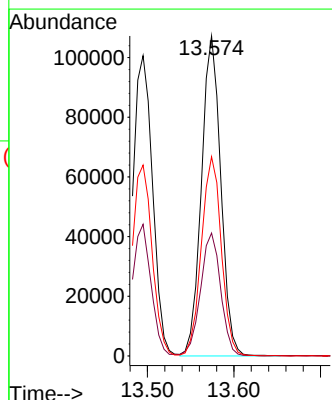
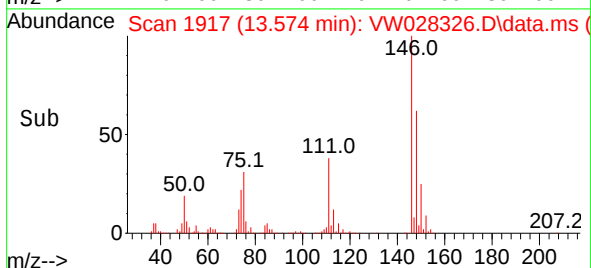
Tgt Ion:146 Resp: 164516
Ion Ratio Lower Upper
146 100
111 43.8 28.5 52.9
148 63.6 43.0 80.0

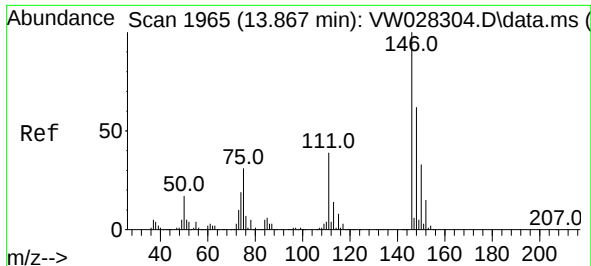


#65
1,4-Dichlorobenzene
Concen: 25.607 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028326.D
Acq: 04 Apr 2024 19:50



Tgt Ion:146 Resp: 166600
Ion Ratio Lower Upper
146 100
111 38.4 28.8 53.6
148 62.3 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 26.761 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

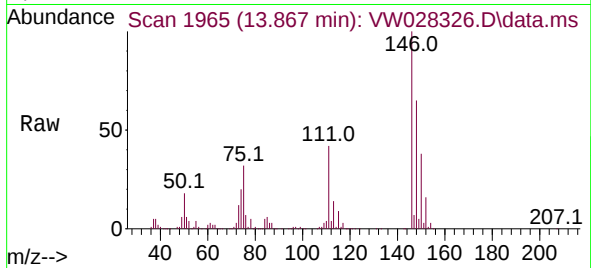
Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

Instrument :

MSVOA_W

ClientSampleId :



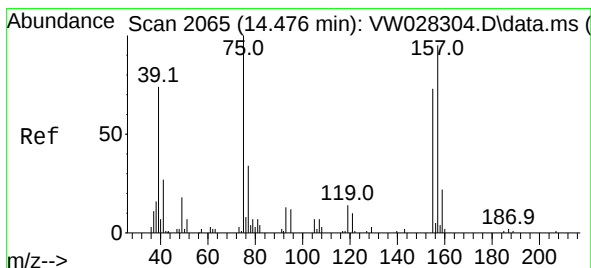
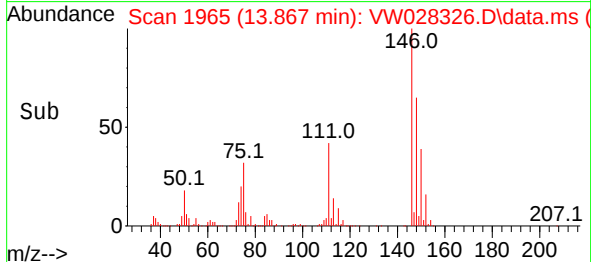
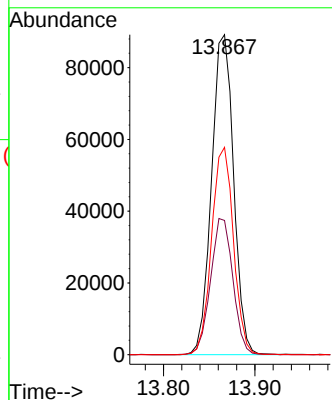
Tgt Ion:146 Resp: 149940

Ion Ratio Lower Upper

146 100

111 41.9 34.2 51.2

148 64.8 48.1 72.1



#68

1,2-Dibromo-3-chloropropane

Concen: 28.378 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

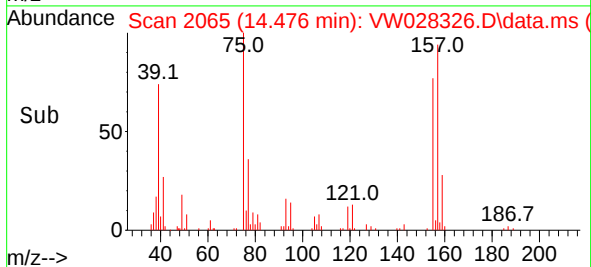
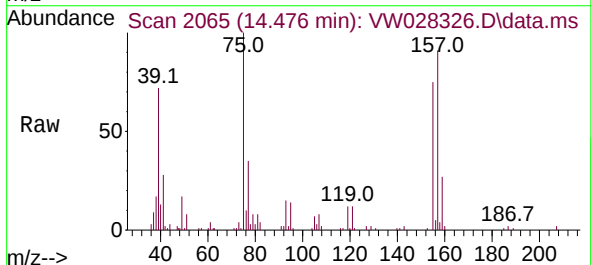
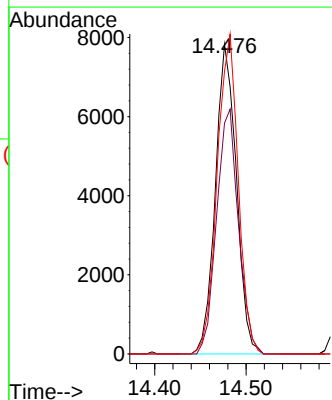
Tgt Ion: 75 Resp: 12488

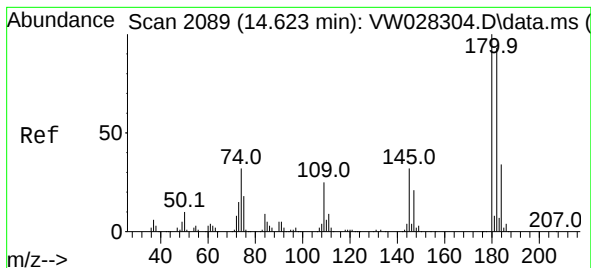
Ion Ratio Lower Upper

75 100

155 74.6 61.1 91.7

157 91.3 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 25.658 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

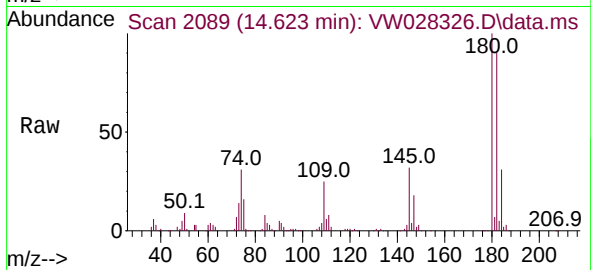
Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 116285

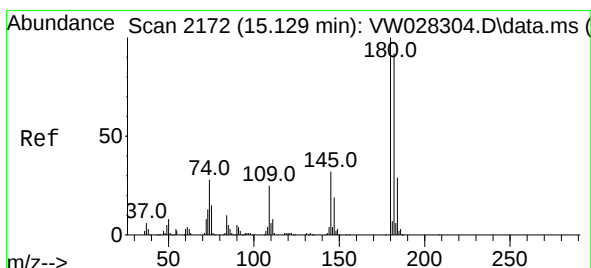
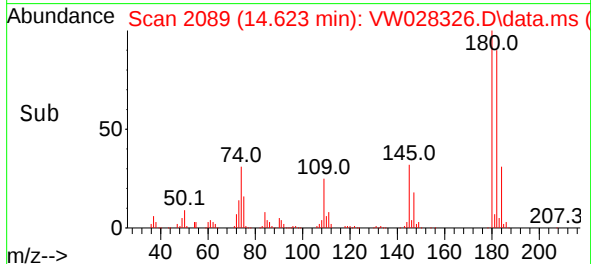
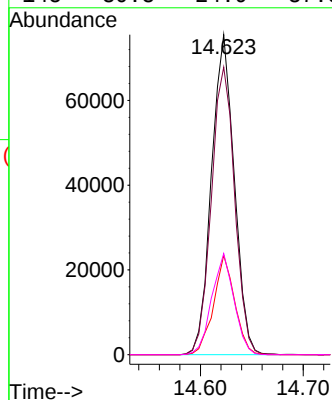
Ion Ratio Lower Upper

180 100

182 92.0 76.6 114.8

184 28.9 23.5 35.3

145 30.8 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 24.781 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

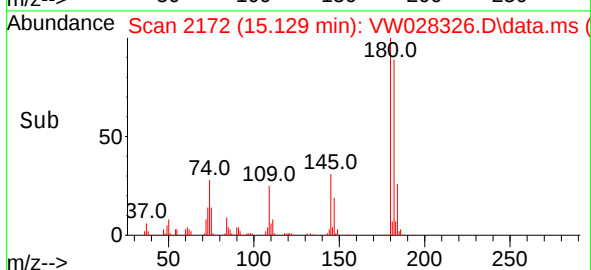
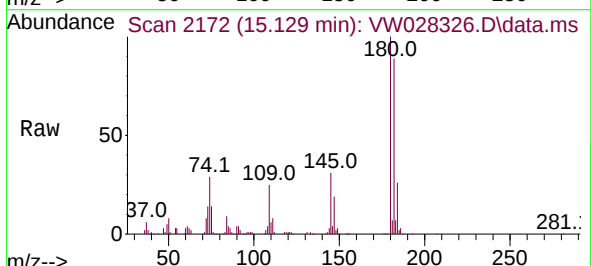
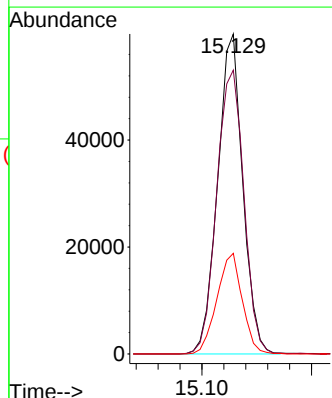
Tgt Ion:180 Resp: 95409

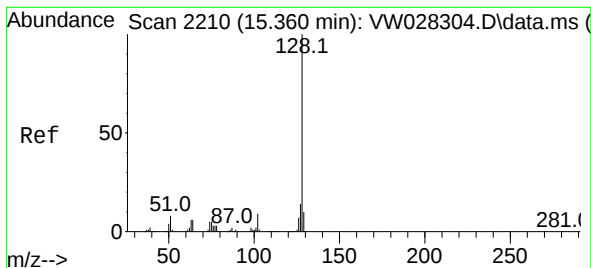
Ion Ratio Lower Upper

180 100

182 95.6 73.8 110.8

145 31.6 25.0 37.6





#71

Naphthalene

Concen: 30.422 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

Instrument :

MSVOA_W

ClientSampleId :

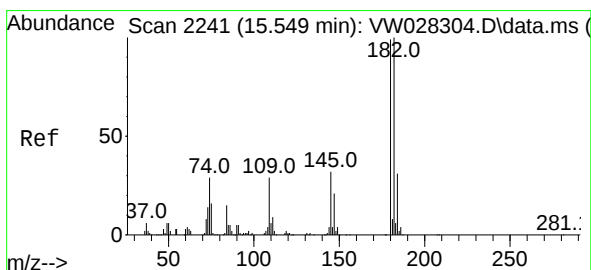
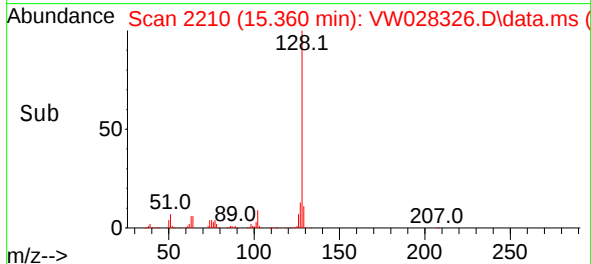
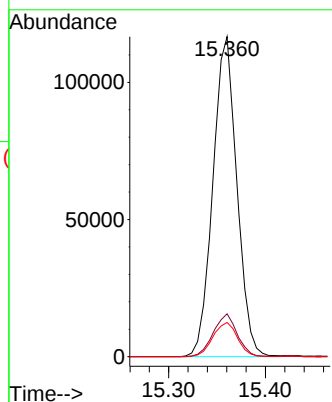
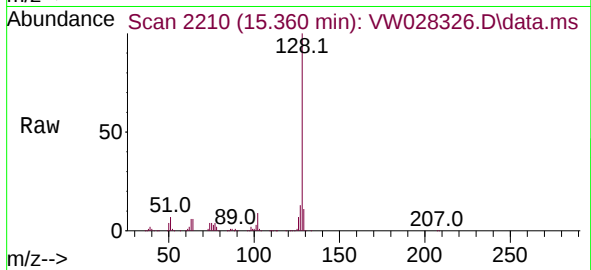
Tgt Ion:128 Resp: 201040

Ion Ratio Lower Upper

128 100

127 13.4 10.9 16.3

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 26.895 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW028326.D

Acq: 04 Apr 2024 19:50

Tgt Ion:180 Resp: 85363

Ion Ratio Lower Upper

180 100

182 95.3 76.0 114.0

145 32.4 27.1 40.7

