

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072822\
 Data File : VW024125.D
 Acq On : 28 Jul 2022 16:40
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 4.94g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 29 01:18:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 29 01:16:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	239693	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	262264	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	158401	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	118462	23.057	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	92.240%	
7) Chloroethane-d5	2.873	69	82714	23.827	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	95.320%	
11) 1,1-Dichloroethene-d2	4.013	63	99447	21.982	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	87.920%	
21) 2-Butanone-d5	7.074	46	43066	47.164	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	94.320%	
24) Chloroform-d	7.641	84	151888	23.050	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	92.200%	
26) 1,2-Dichloroethane-d4	8.299	65	88326	23.330	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	93.320%	
32) Benzene-d6	8.269	84	276714	22.713	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	90.840%	
36) 1,2-Dichloropropane-d6	9.268	67	86083	22.402	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	89.600%	
41) Toluene-d8	10.323	98	276672	22.708	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	90.840%	
43) trans-1,3-Dichloroprop...	10.573	79	38763	22.751	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	91.000%	
47) 2-Hexanone-d5	10.921	63	39755	49.486	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	98.980%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	103178	23.270	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	93.080%	
66) 1,2-Dichlorobenzene-d4	13.847	152	113638	22.152	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	88.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	39375	22.243	ug/L	99
3) Chloromethane	2.209	50	106532	23.180	ug/L	97
5) Vinyl chloride	2.349	62	166732	23.276	ug/L	96
6) Bromomethane	2.763	94	92297	23.323	ug/L	93
8) Chloroethane	2.910	64	77760	24.676	ug/L	99
9) Trichlorofluoromethane	3.239	101	63273	18.974	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	72500	23.475	ug/L #	73
12) 1,1-Dichloroethene	4.025	96	56547	22.338	ug/L	88
13) Acetone	4.129	43	30434	46.969	ug/L	99
14) Carbon disulfide	4.379	76	169548	21.806	ug/L	98
15) Methyl Acetate	4.666	43	37358	23.900	ug/L	97
16) Methylene chloride	4.909	84	94300	25.848	ug/L	95
17) trans-1,2-Dichloroethene	5.415	96	73455	23.716	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	116969	25.477	ug/L	98
19) 1,1-Dichloroethane	6.202	63	145962	24.949	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	86327	25.382	ug/L	94
22) 2-Butanone	7.171	43	53198	51.151	ug/L	99
23) Bromochloromethane	7.506	128	43086	24.616	ug/L	92

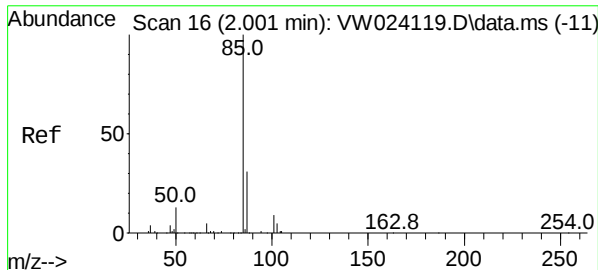
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 Quant Title : SFAM01.0
 QLast Update : Fri Jul 29 01:16:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.665	83	168988	24.963	ug/L	96
27) 1,2-Dichloroethane	8.397	62	120104	24.911	ug/L	99
29) Cyclohexane	7.952	56	110961	22.963	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	131471	22.427	ug/L	99
31) Carbon tetrachloride	8.061	117	120330	22.268	ug/L	98
33) Benzene	8.317	78	357489	23.595	ug/L	100
34) Trichloroethene	9.085	95	90314	22.511	ug/L	97
35) Methylcyclohexane	9.329	83	144744	23.747	ug/L	99
37) 1,2-Dichloropropane	9.366	63	92771	24.220	ug/L	100
38) Bromodichloromethane	9.640	83	131800	24.134	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	133379	23.900	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	133379	50.042	ug/L	99
42) Toluene	10.384	91	426608	24.894	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	128368	24.290	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	81030	24.216	ug/L	97
46) Tetrachloroethene	10.860	164	72521	23.095	ug/L	94
48) 2-Hexanone	10.963	43	100360	51.958	ug/L	99
49) Dibromochloromethane	11.128	129	98653	25.232	ug/L	97
50) 1,2-Dibromoethane	11.231	107	78888	24.079	ug/L #	97
51) Chlorobenzene	11.652	112	285047	24.714	ug/L	98
52) Ethylbenzene	11.725	91	479879	25.409	ug/L	99
53) m,p-Xylene	11.835	106	188643	25.734	ug/L	97
54) o-Xylene	12.164	106	185509	26.462	ug/L	100
55) Styrene	12.176	104	341517	27.193	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	112462	24.250	ug/L	97
59) Bromoform	12.347	173	58076	23.720	ug/L	96
60) Isopropylbenzene	12.463	105	508910	25.365	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	80886	22.718	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	417840	25.886	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	424536	25.986	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	232590	24.238	ug/L	99
65) 1,4-Dichlorobenzene	13.572	146	250422	24.583	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	225135	25.082	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	18335	23.047	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	148183	24.215	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	112260	24.211	ug/L	92
71) Naphthalene	15.359	128	261179	26.324	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	108275	24.825	ug/L	98

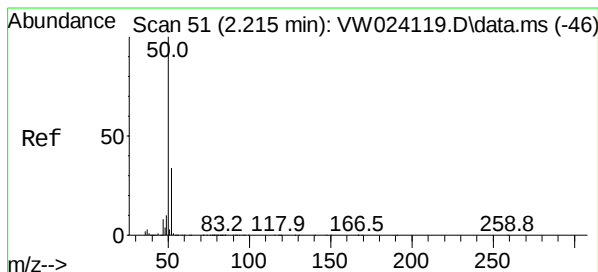
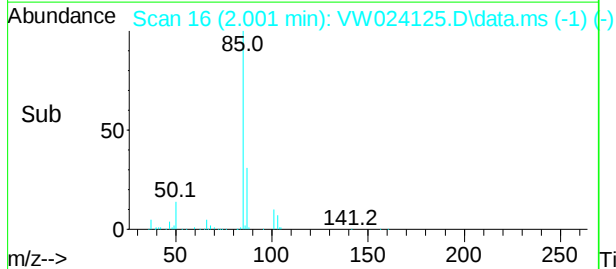
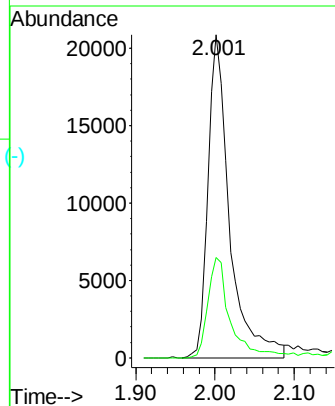
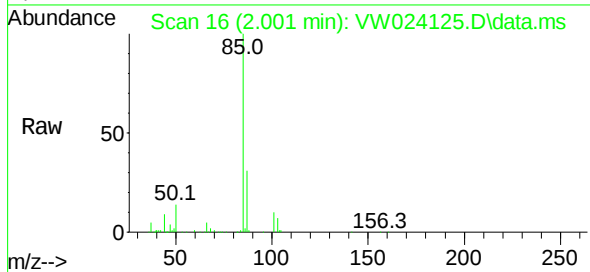
(#) = qualifier out of range (m) = manual integration (+) = signals summed



Dichlorodifluoromethane
 Concen: 22.243 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024125.D
 Acq: 28 Jul 2022 16:40

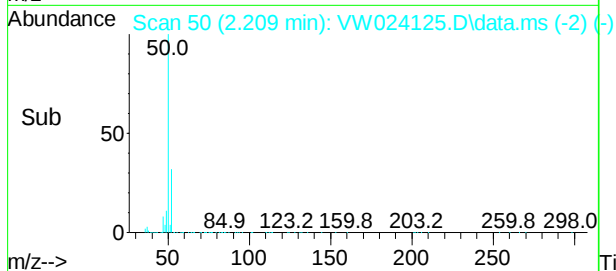
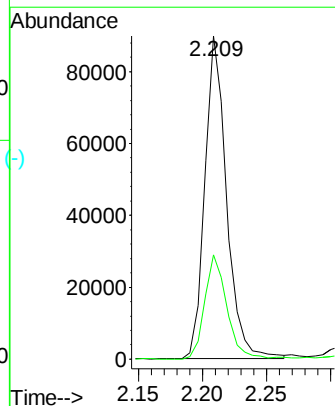
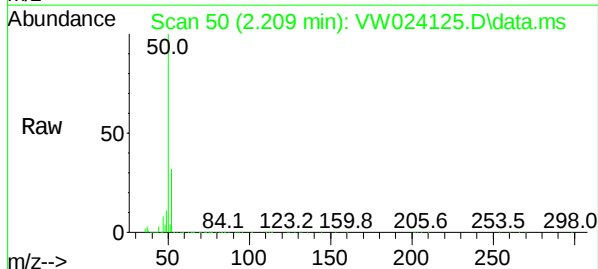
Instrument : MSVOA_W
 ClientSampleId :

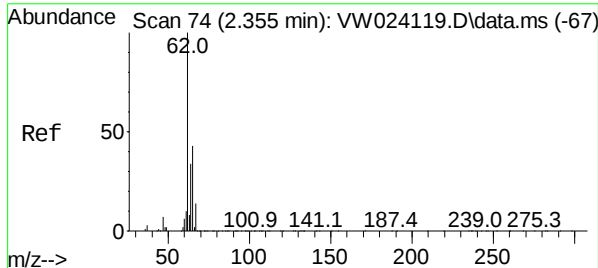
Tgt Ion: 85 Resp: 39375
 Ion Ratio Lower Upper
 85 100
 87 30.8 24.2 36.2



Chloromethane
 Concen: 23.180 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW024125.D
 Acq: 28 Jul 2022 16:40

Tgt Ion: 50 Resp: 106532
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.9 44.5

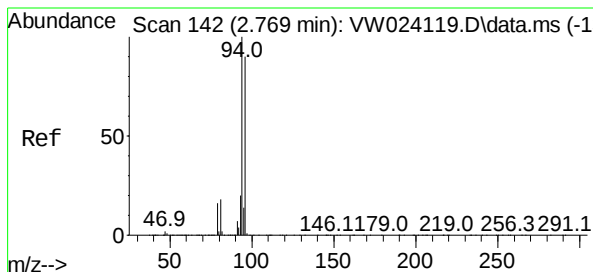
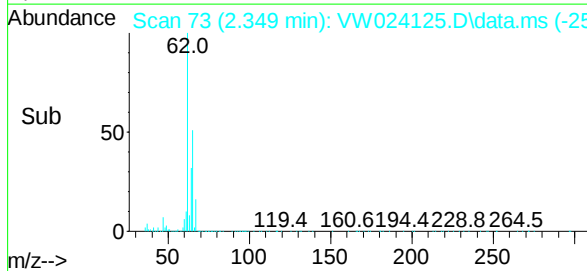
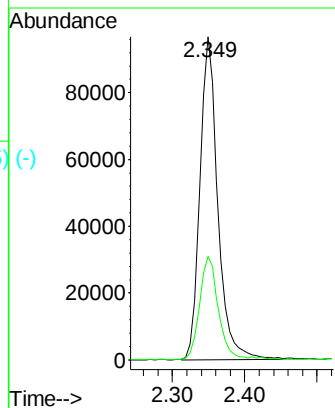
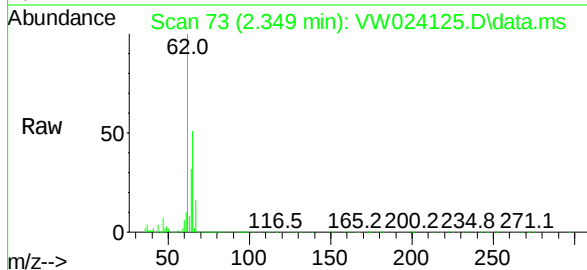




Vinyl chloride
 Concen: 23.276 ug/L
 RT: 2.349 min Scan#
 Delta R.T. -0.006 min
 Lab File: VW024125.D
 Acq: 28 Jul 2022 16:40

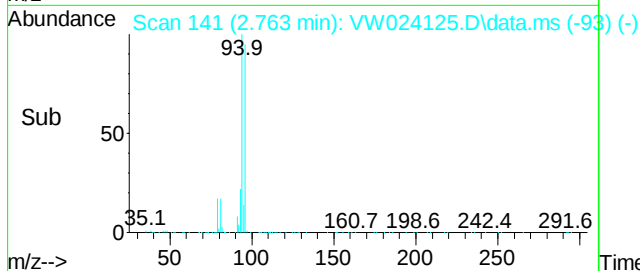
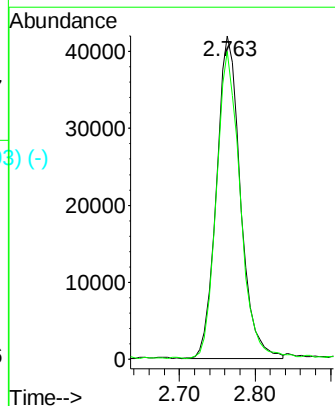
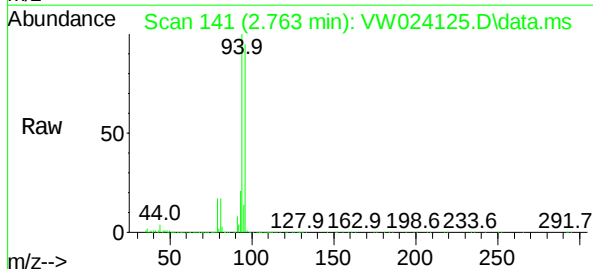
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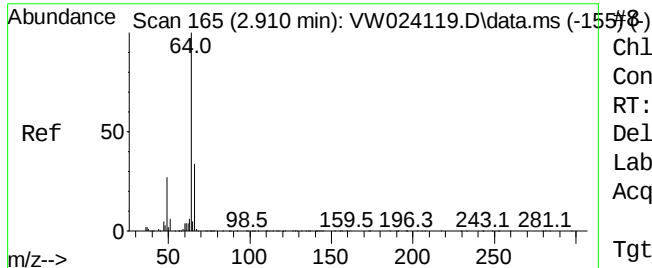
Tgt Ion: 62 Resp: 166732
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.9 44.3



Bromomethane
 Concen: 23.323 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.006 min
 Lab File: VW024125.D
 Acq: 28 Jul 2022 16:40

Tgt Ion: 94 Resp: 92297
 Ion Ratio Lower Upper
 94 100
 96 95.2 61.9 114.9





Chloroethane

Concen: 24.676 ug/L

RT: 2.910 min Scan# 165

Delta R.T. 0.000 min

Lab File: VW024125.D

Acq: 28 Jul 2022 16:40

Instrument :

MSVOA_W

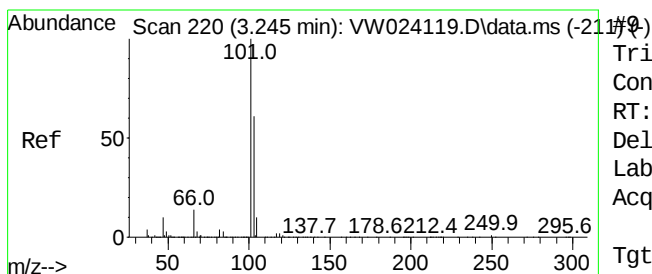
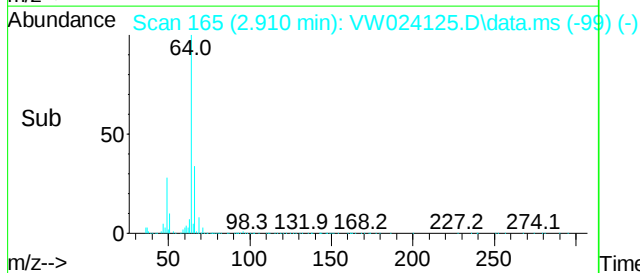
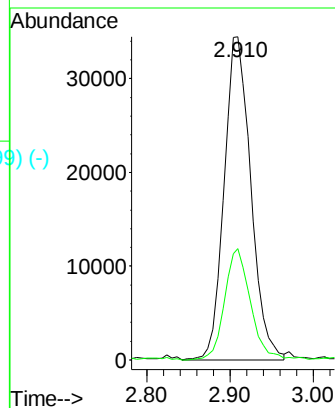
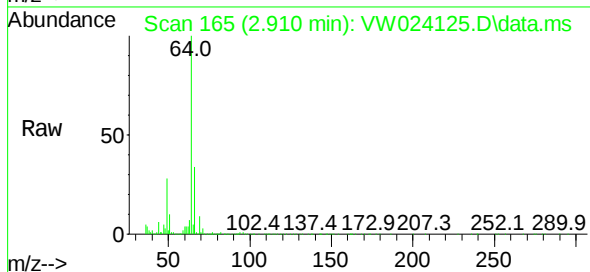
ClientSampleId :

Tgt Ion: 64 Resp: 77760

Ion Ratio Lower Upper

64 100

66 34.5 23.9 44.3



Trichlorofluoromethane

Concen: 18.974 ug/L

RT: 3.239 min Scan# 219

Delta R.T. -0.006 min

Lab File: VW024125.D

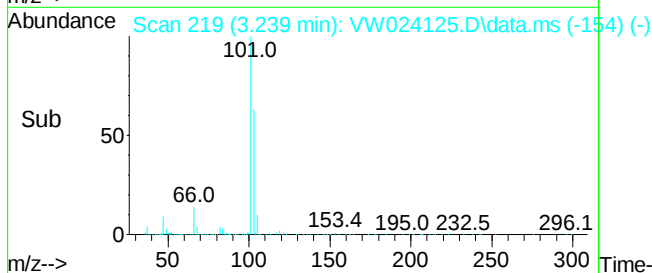
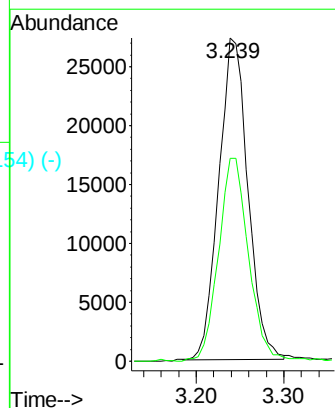
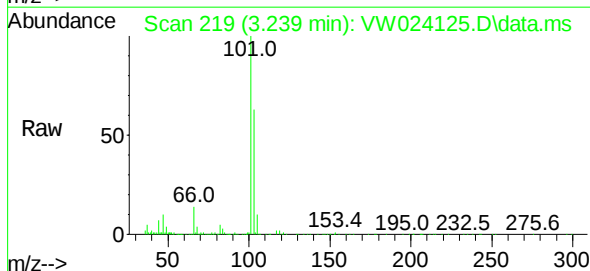
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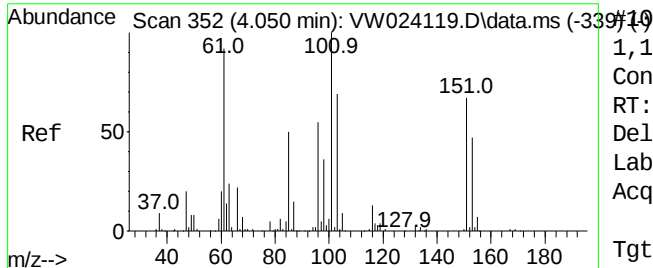
Tgt Ion: 101 Resp: 63273

Ion Ratio Lower Upper

101 100

103 65.1 52.4 78.6

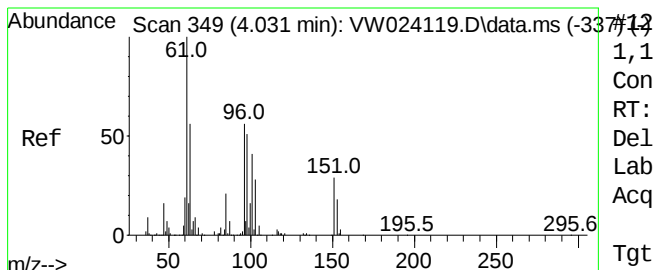
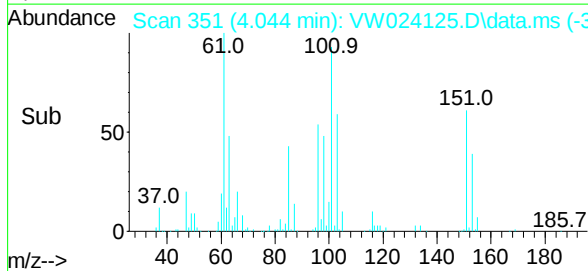
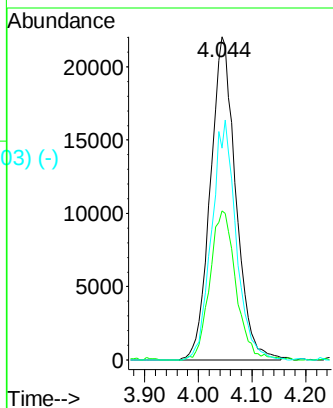
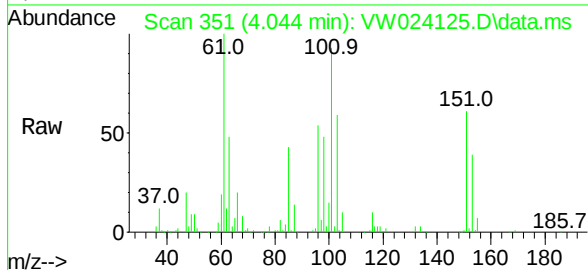




1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.475 ug/L
 RT: 4.044 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW024125.D
 Acq: 28 Jul 2022 16:40

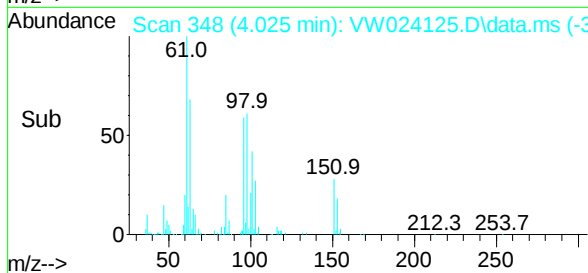
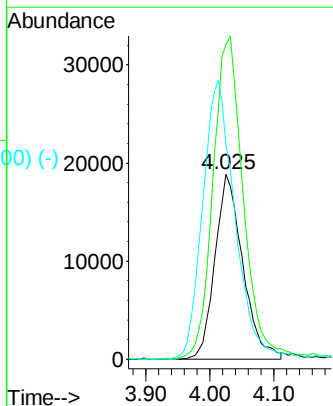
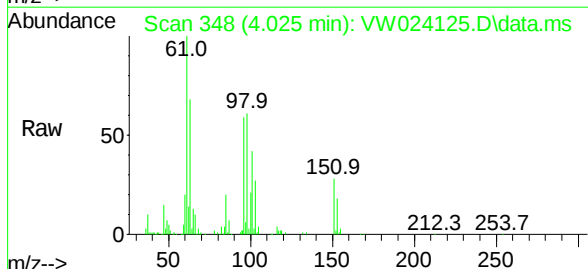
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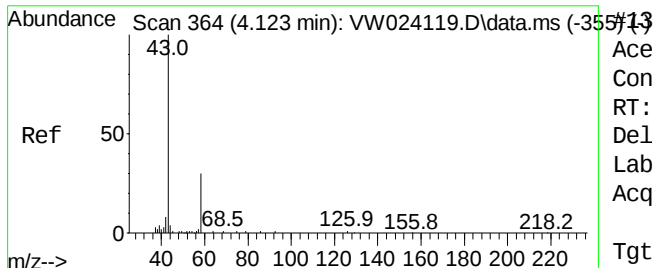
Tgt Ion:	101	Resp:	72500
Ion	Ratio	Lower	Upper
101	100		
85	46.4	39.8	59.8
151	71.6	30.5	45.7#



1,1-Dichloroethene
 Concen: 22.338 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.006 min
 Lab File: VW024125.D
 Acq: 28 Jul 2022 16:40

Tgt Ion:	96	Resp:	56547
Ion	Ratio	Lower	Upper
96	100		
61	169.8	128.4	238.4
63	115.7	93.1	172.9





Acetone

Concen: 46.969 ug/L

RT: 4.129 min Scan#

Delta R.T. 0.006 min

Lab File: VW024125.D

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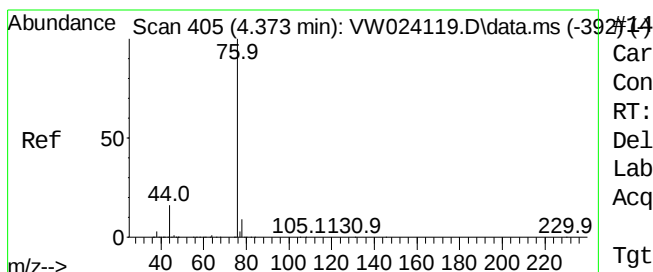
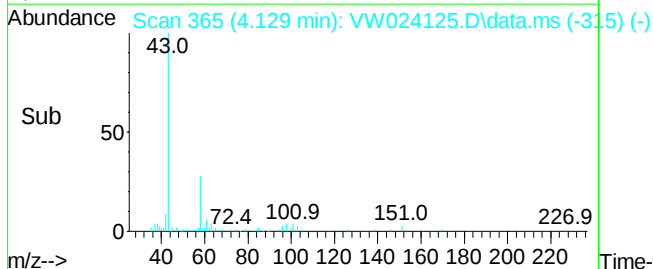
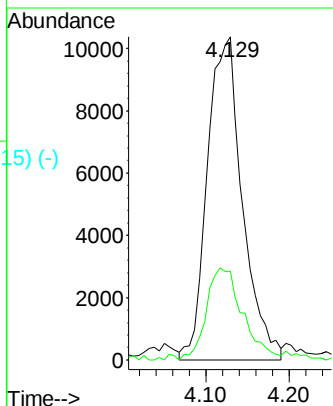
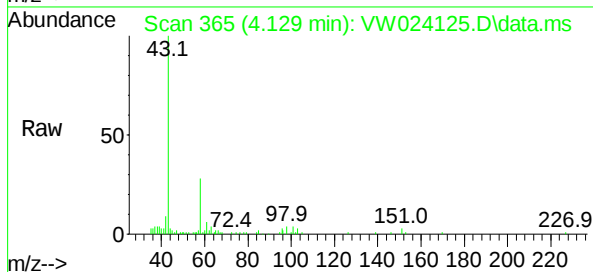
ClientSampleId :

Tgt Ion: 43 Resp: 30434

Ion Ratio Lower Upper

43 100

58 29.4 0.0 60.0



Carbon disulfide

Concen: 21.806 ug/L

RT: 4.379 min Scan# 406

Delta R.T. 0.006 min

Lab File: VW024125.D

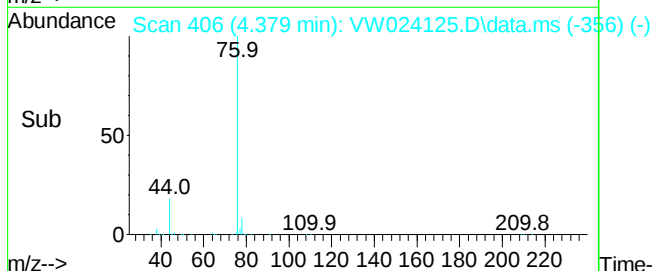
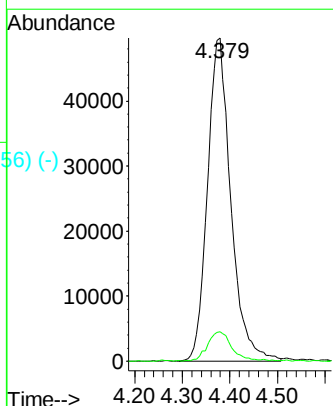
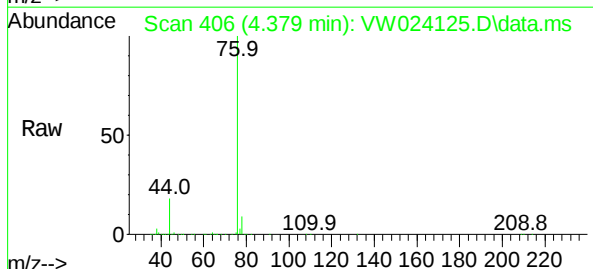
Acq: 28 Jul 2022 16:40

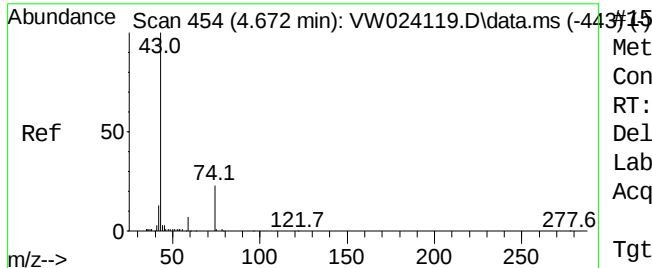
Tgt Ion: 76 Resp: 169548

Ion Ratio Lower Upper

76 100

78 9.1 6.6 10.0





Methyl Acetate

Concen: 23.900 ug/L

RT: 4.666 min Scan# 415

Delta R.T. -0.006 min

Lab File: VW024125.D

Acq: 28 Jul 2022 16:40

Instrument :

MSVOA_W

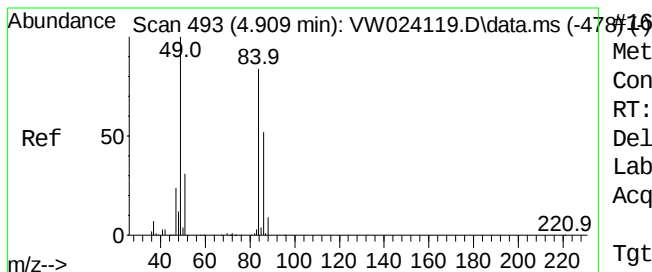
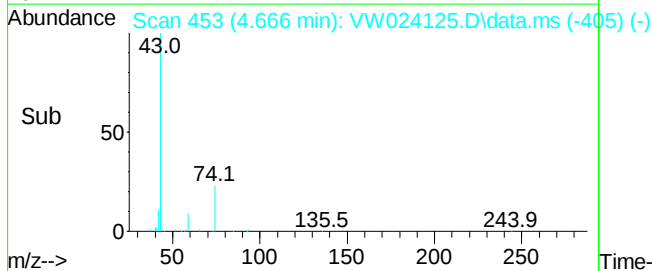
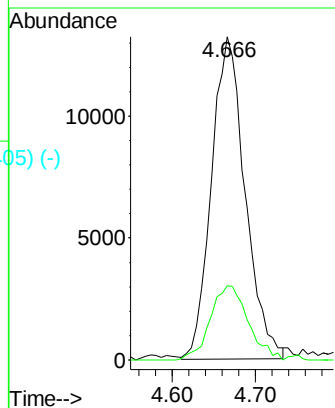
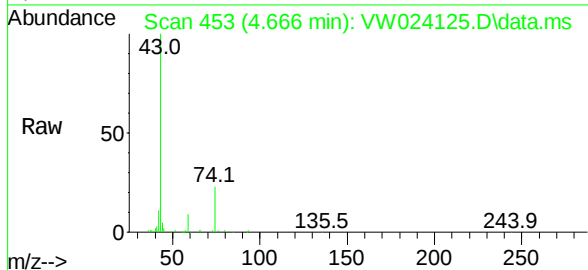
ClientSampleId :

Tgt Ion: 43 Resp: 37358

Ion Ratio Lower Upper

43 100

74 24.7 21.1 31.7



Methylene chloride

Concen: 25.848 ug/L

RT: 4.909 min Scan# 493

Delta R.T. 0.000 min

Lab File: VW024125.D

Acq: 28 Jul 2022 16:40

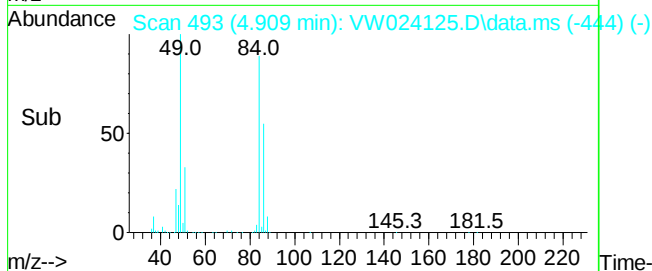
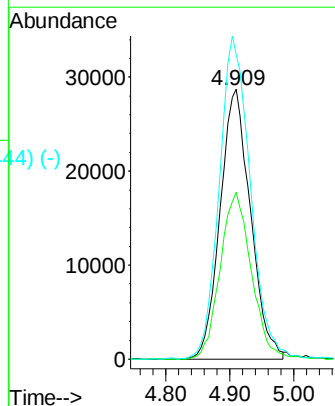
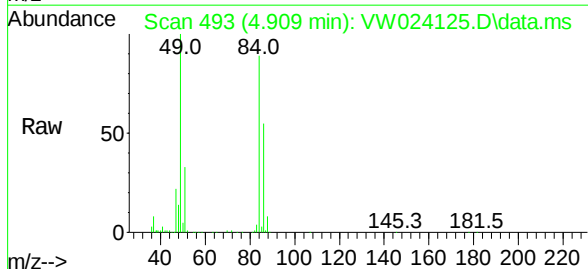
Tgt Ion: 84 Resp: 94300

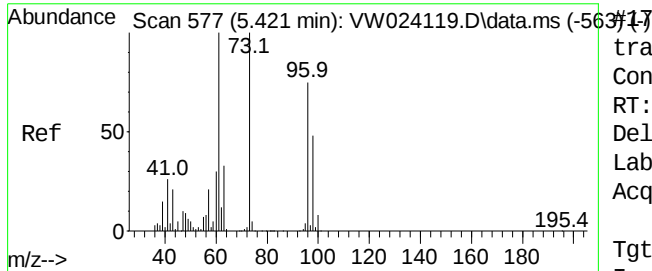
Ion Ratio Lower Upper

84 100

86 61.8 44.7 83.1

49 112.8 83.7 155.4

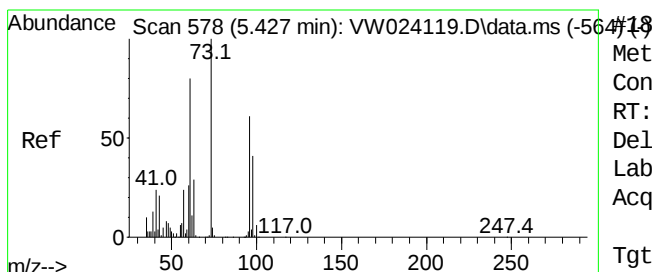
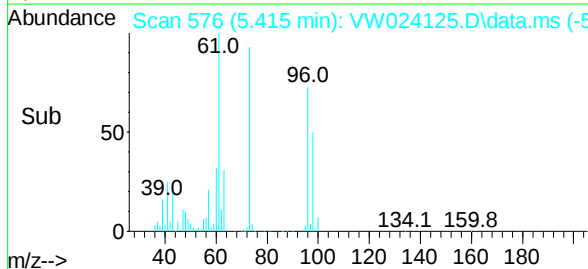
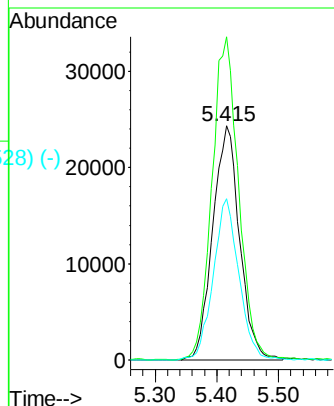
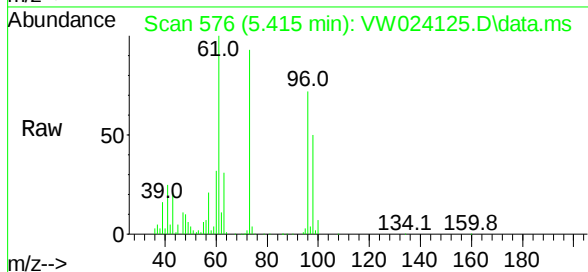




trans-1,2-Dichloroethene
Concen: 23.716 ug/L
RT: 5.415 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW024125.D
Acq: 28 Jul 2022 16:40

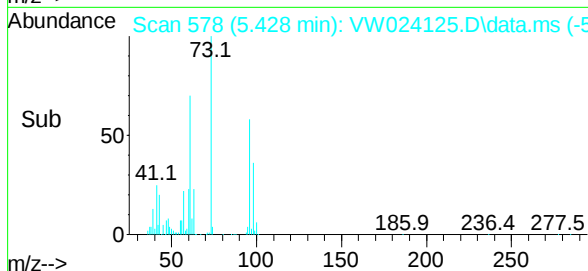
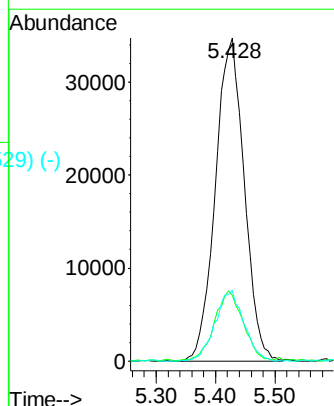
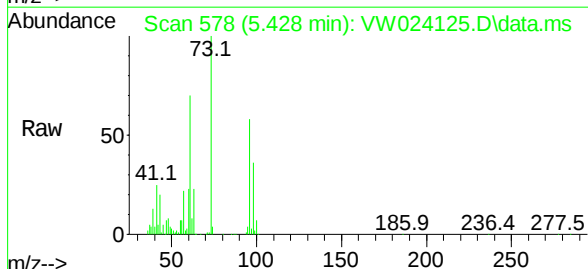
Instrument :
MSVOA_W
ClientSampleId :

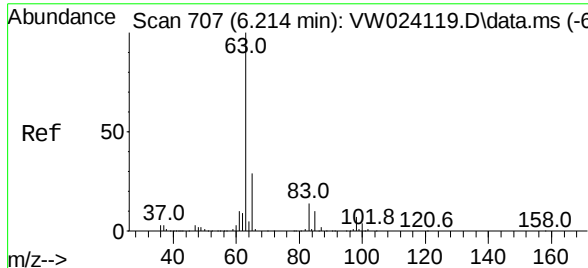
Tgt Ion: 96 Resp: 73455
Ion Ratio Lower Upper
96 100
61 138.0 92.7 172.1
98 68.9 44.1 81.9



Methyl tert-butyl Ether
Concen: 25.477 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024125.D
Acq: 28 Jul 2022 16:40

Tgt Ion: 73 Resp: 116969
Ion Ratio Lower Upper
73 100
43 21.1 17.3 25.9
57 21.8 16.6 25.0





1,1-Dichloroethane

Concen: 24.949 ug/L

RT: 6.202 min Scan#

Delta R.T. -0.012 min

Lab File: VW024125.D

Acq: 28 Jul 2022 16:40

Instrument :

MSVOA_W

ClientSampleId :

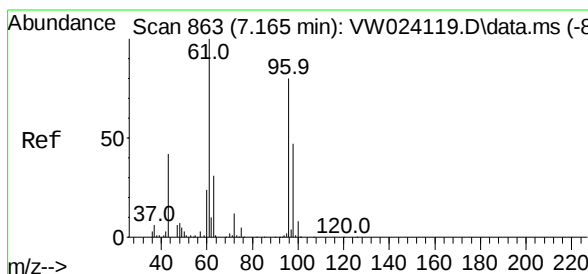
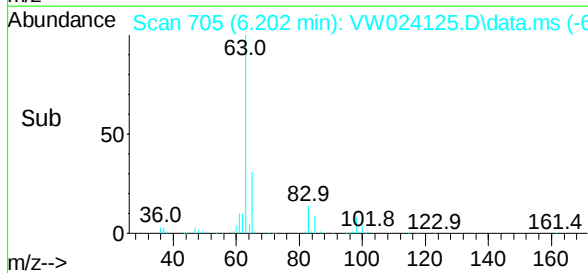
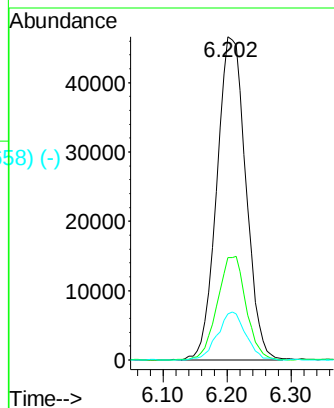
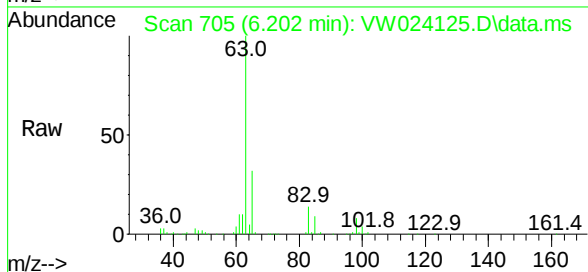
Tgt Ion: 63 Resp: 145962

Ion Ratio Lower Upper

63 100

65 31.6 23.4 43.4

83 14.2 9.7 17.9



cis-1,2-Dichloroethene

Concen: 25.382 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024125.D

Acq: 28 Jul 2022 16:40

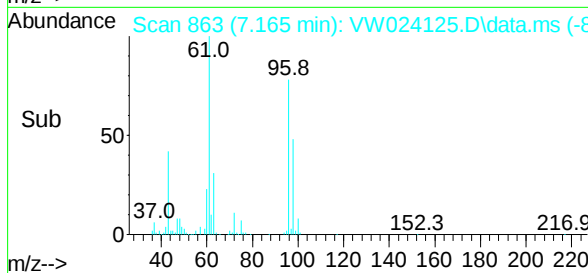
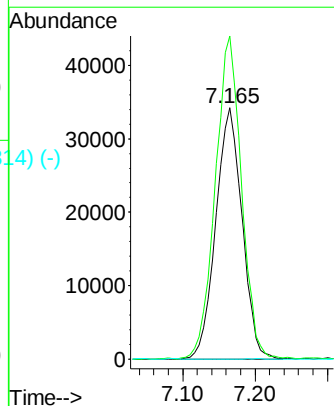
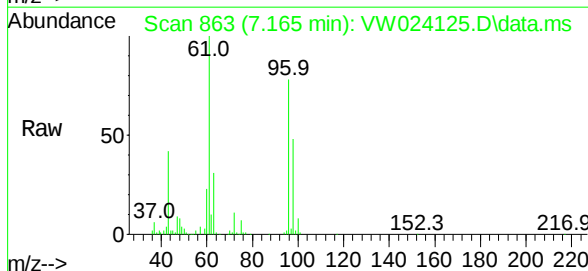
Tgt Ion: 96 Resp: 86327

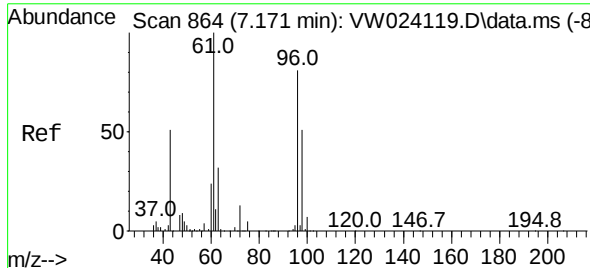
Ion Ratio Lower Upper

96 100

61 128.4 85.3 158.3

68 0.0 0.0 0.0





2-Butanone

Concen: 51.151 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024125.D

Acq: 28 Jul 2022 16:40

Instrument :

MSVOA_W

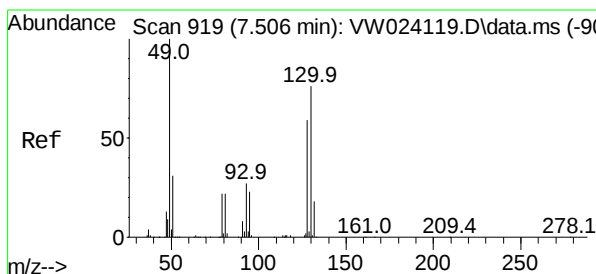
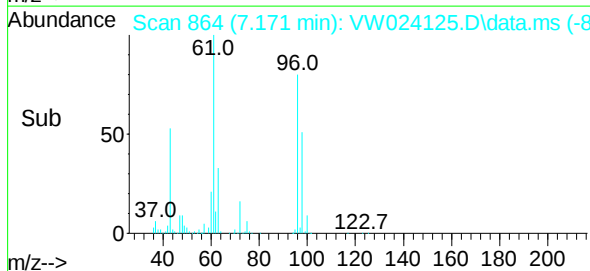
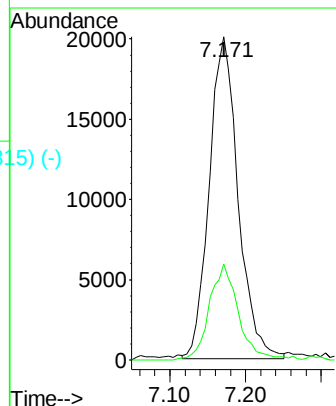
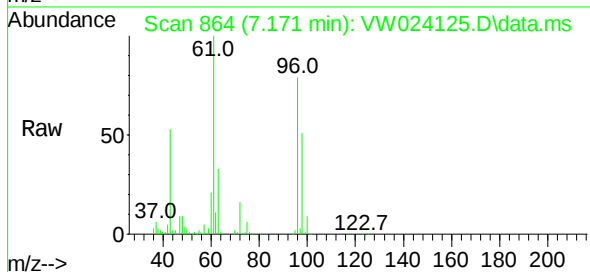
ClientSampleId :

Tgt Ion: 43 Resp: 53198

Ion Ratio Lower Upper

43 100

72 29.2 15.0 45.0



Bromochloromethane

Concen: 24.616 ug/L

RT: 7.506 min Scan# 919

Delta R.T. 0.000 min

Lab File: VW024125.D

Acq: 28 Jul 2022 16:40

Tgt Ion:128 Resp: 43086

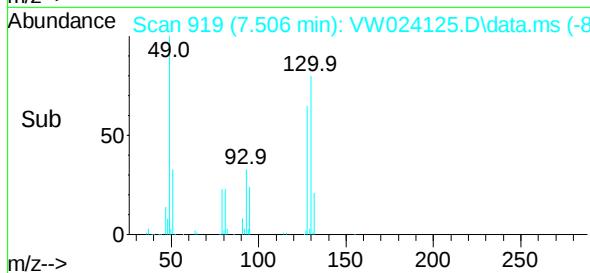
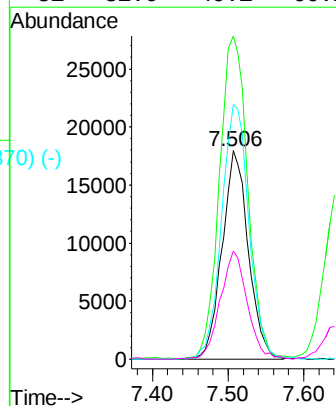
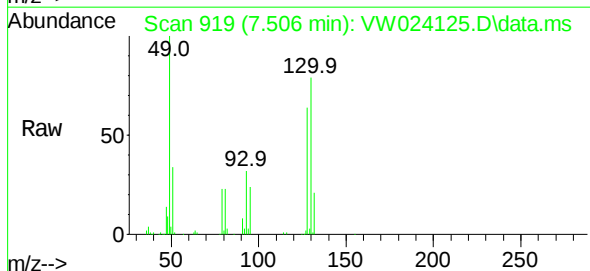
Ion Ratio Lower Upper

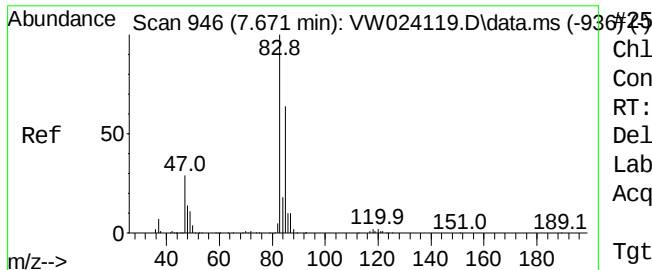
128 100

49 155.1 119.8 222.4

130 122.4 90.7 168.5

51 52.0 40.1 60.1

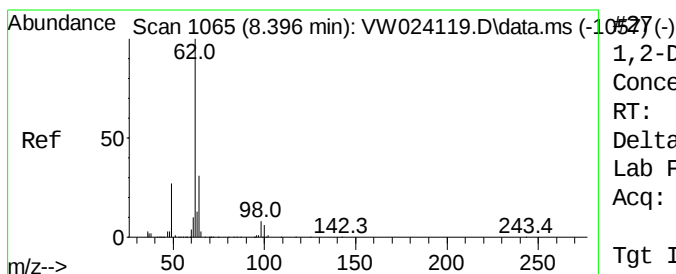
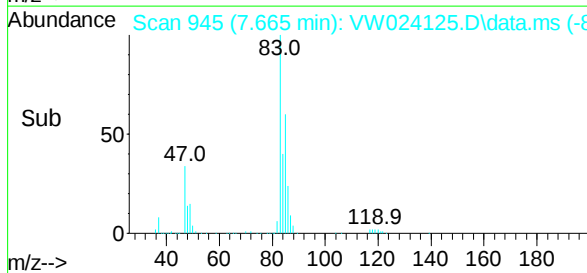
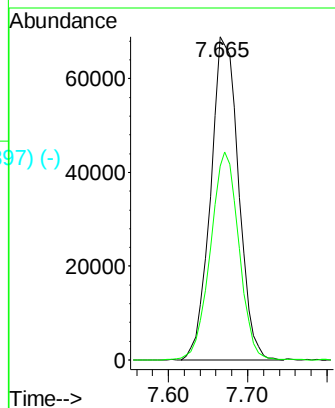
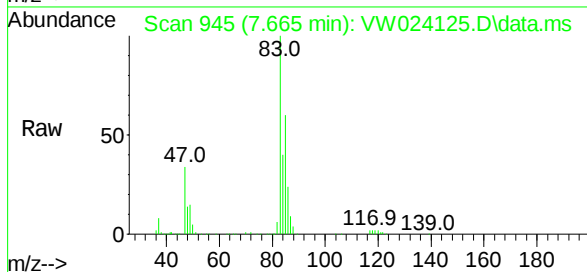




#25
Chloroform
Concen: 24.963 ug/L
RT: 7.665 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW024125.D
Acq: 28 Jul 2022 16:40

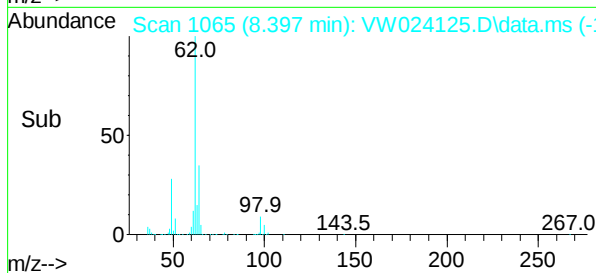
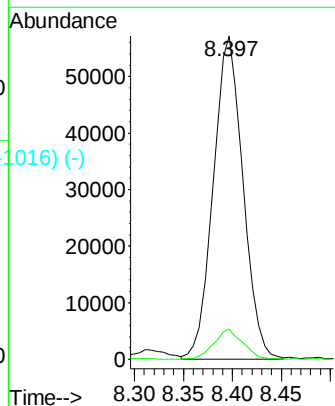
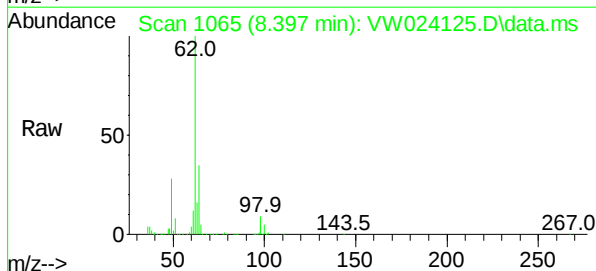
Instrument :
MSVOA_W
ClientSampleId :

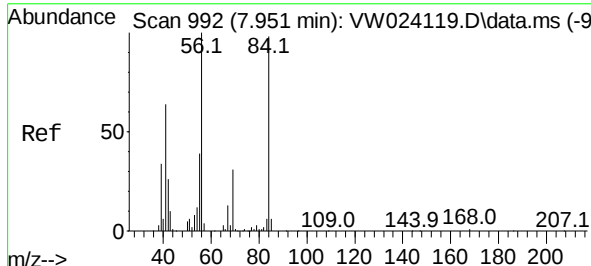
Tgt Ion: 83 Resp: 168988
Ion Ratio Lower Upper
83 100
85 59.9 44.1 81.9



#27
1,2-Dichloroethane
Concen: 24.911 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024125.D
Acq: 28 Jul 2022 16:40

Tgt Ion: 62 Resp: 120104
Ion Ratio Lower Upper
62 100
98 9.3 7.1 10.7





Cyclohexane

Concen: 22.963 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

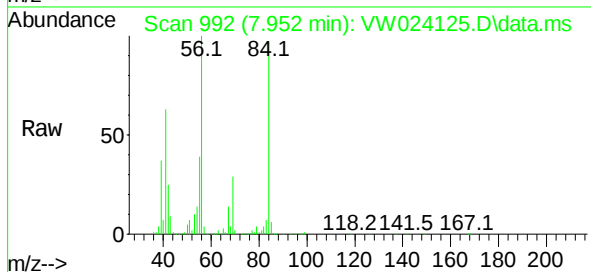
Lab File: VW024125.D

Acq: 28 Jul 2022 16:40

Instrument :

MSVOA_W

ClientSampleId :



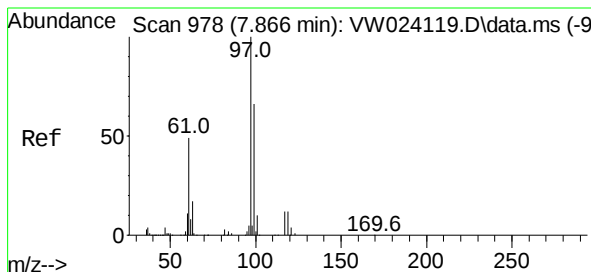
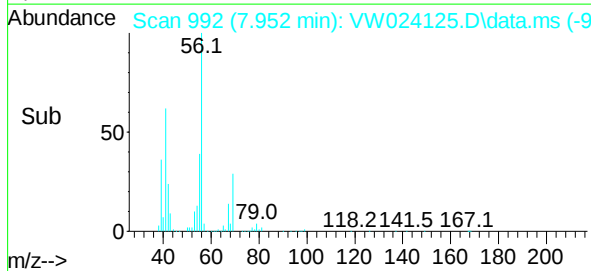
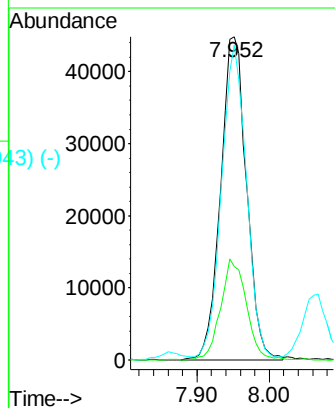
Tgt Ion: 56 Resp: 110961

Ion Ratio Lower Upper

56 100

69 30.9 24.1 36.1

84 94.6 76.2 114.4



1,1,1-Trichloroethane

Concen: 22.427 ug/L

RT: 7.866 min Scan# 978

Delta R.T. 0.000 min

Lab File: VW024125.D

Acq: 28 Jul 2022 16:40

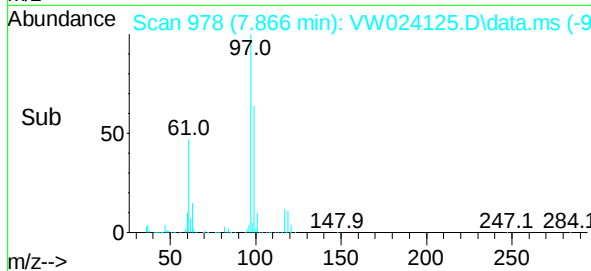
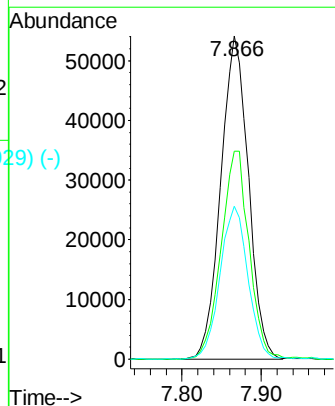
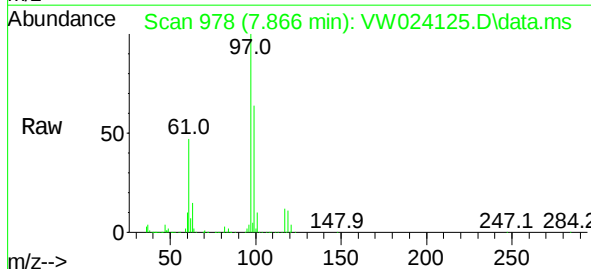
Tgt Ion: 97 Resp: 131471

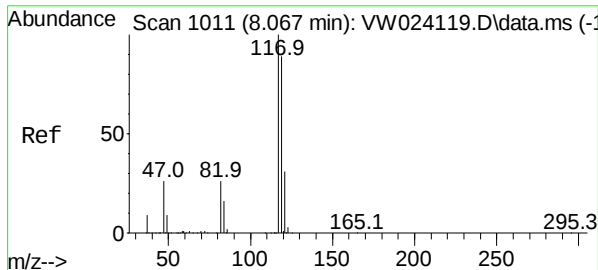
Ion Ratio Lower Upper

97 100

99 65.2 51.7 77.5

61 47.7 37.8 56.6

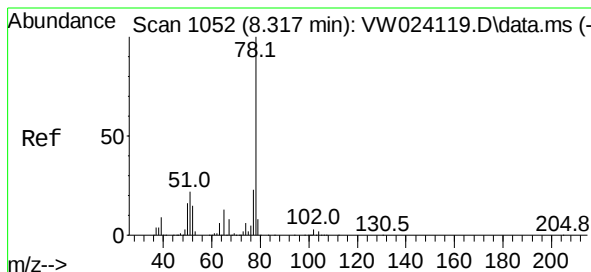
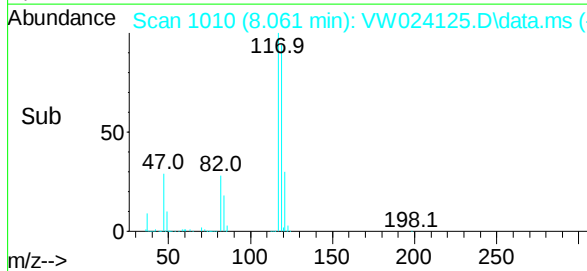
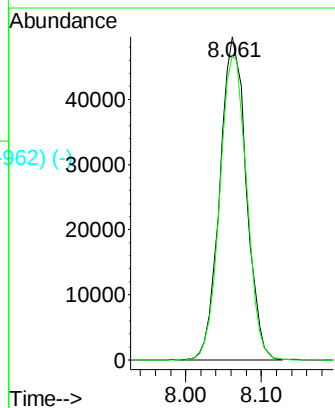
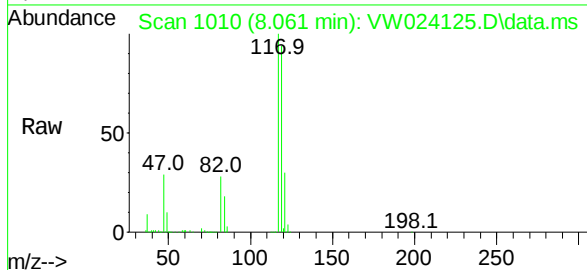




Carbon tetrachloride
 Concen: 22.268 ug/L
 RT: 8.061 min Scan# 1001
 Delta R.T. -0.006 min
 Lab File: VW024125.D
 Acq: 28 Jul 2022 16:40

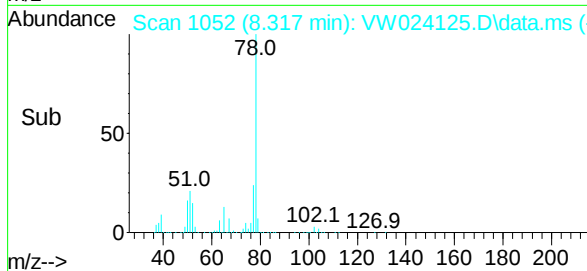
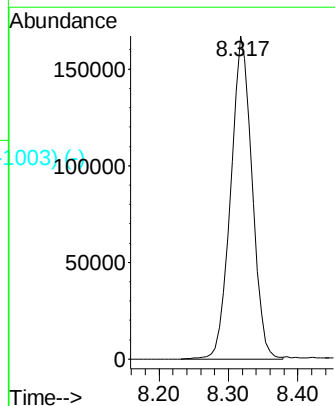
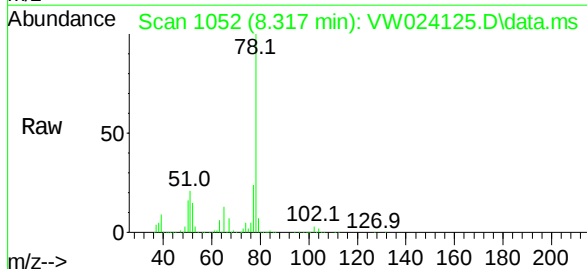
Instrument :
 MSVOA_W
 ClientSampleId :

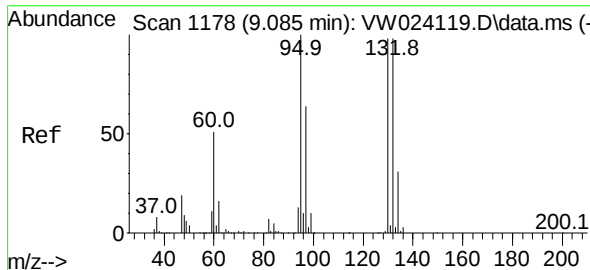
Tgt Ion:117 Resp: 120330
 Ion Ratio Lower Upper
 117 100
 119 95.9 75.0 112.4



Benzene
 Concen: 23.595 ug/L
 RT: 8.317 min Scan# 1052
 Delta R.T. 0.000 min
 Lab File: VW024125.D
 Acq: 28 Jul 2022 16:40

Tgt Ion: 78 Resp: 357489





Trichloroethene

Concen: 22.511 ug/L

RT: 9.085 min Scan# 1178

Delta R.T. 0.000 min

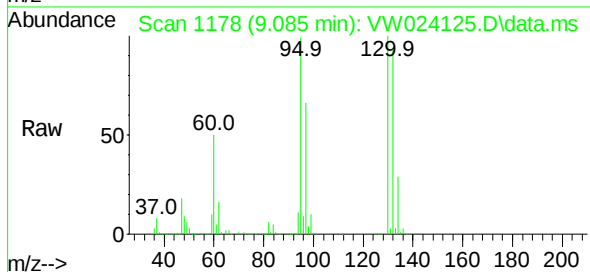
Lab File: VW024125.D

Acq: 28 Jul 2022 16:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 90314

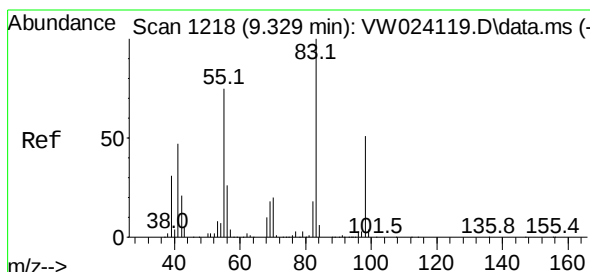
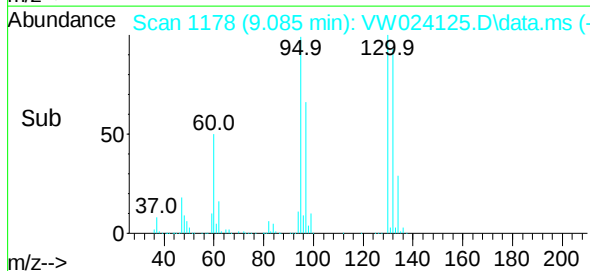
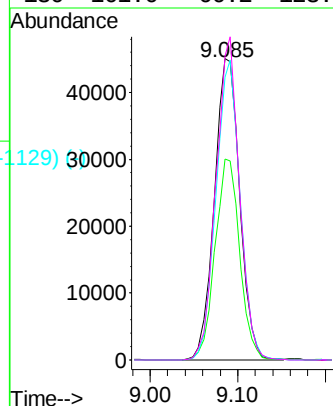
Ion Ratio Lower Upper

95 100

97 66.6 46.5 86.3

132 93.8 65.8 122.2

130 101.0 66.2 123.0



Methylcyclohexane

Concen: 23.747 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VW024125.D

Acq: 28 Jul 2022 16:40

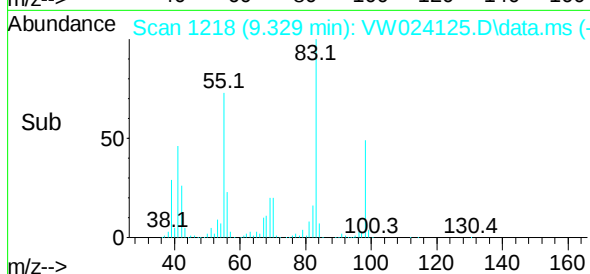
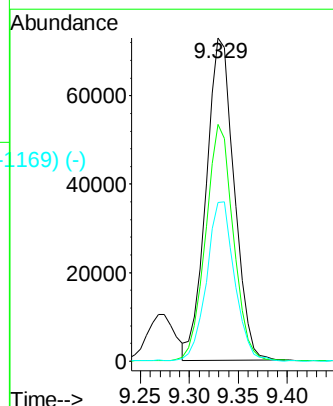
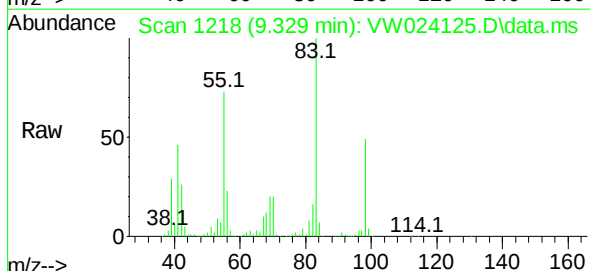
Tgt Ion: 83 Resp: 144744

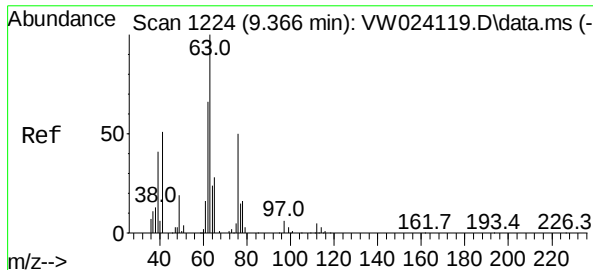
Ion Ratio Lower Upper

83 100

55 72.9 57.3 85.9

98 49.5 38.9 58.3





1,2-Dichloropropane

Concen: 24.220 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW024125.D

Acq: 28 Jul 2022 16:40

Instrument :

MSVOA_W

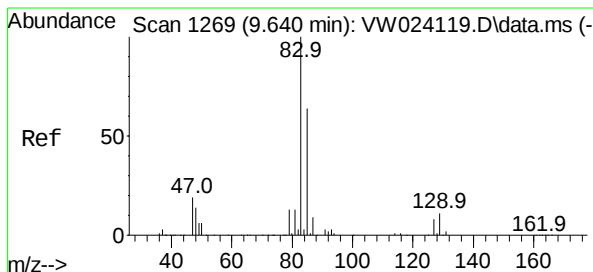
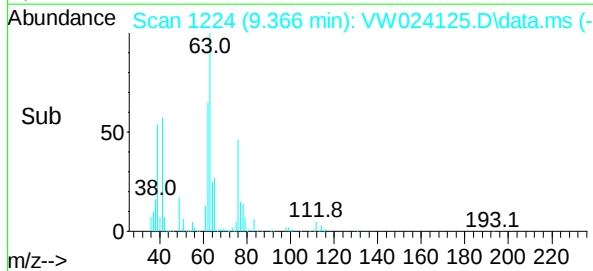
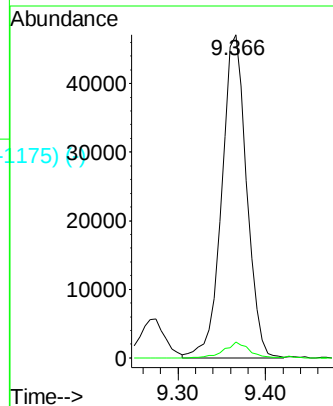
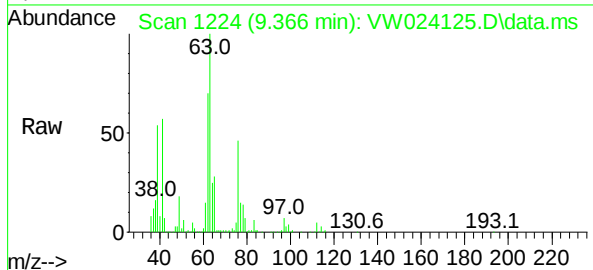
ClientSampleId :

Tgt Ion: 63 Resp: 92771

Ion Ratio Lower Upper

63 100

112 4.8 3.9 5.9



Bromodichloromethane

Concen: 24.134 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024125.D

Acq: 28 Jul 2022 16:40

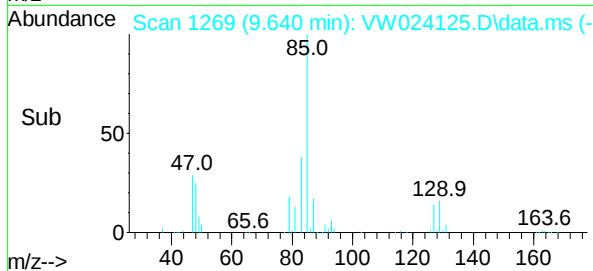
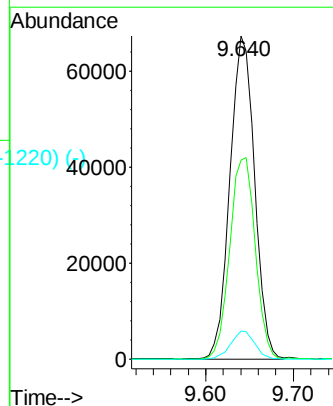
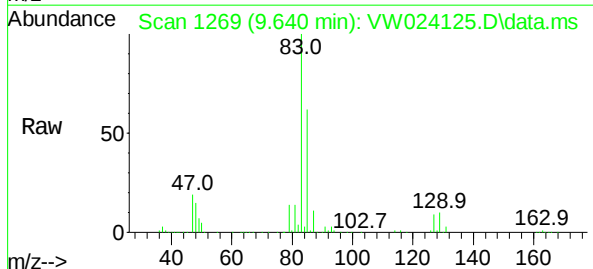
Tgt Ion: 83 Resp: 131800

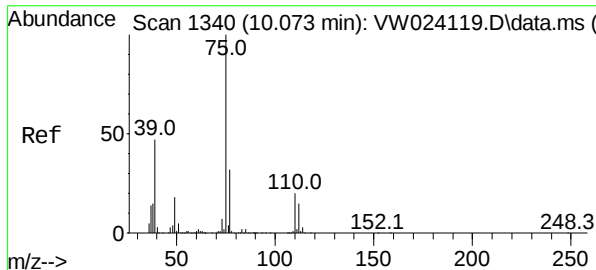
Ion Ratio Lower Upper

83 100

85 61.6 45.1 83.7

127 8.7 6.4 9.6

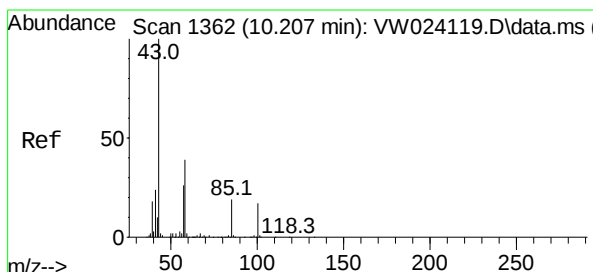
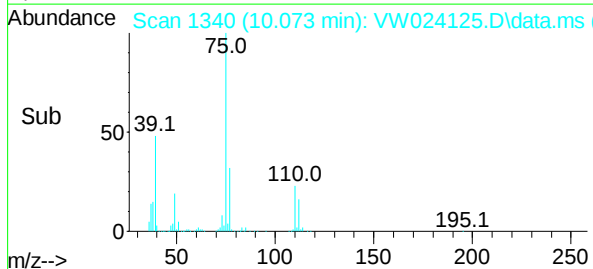
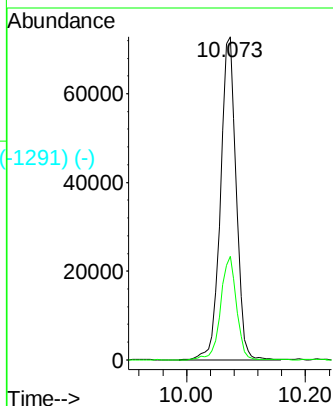
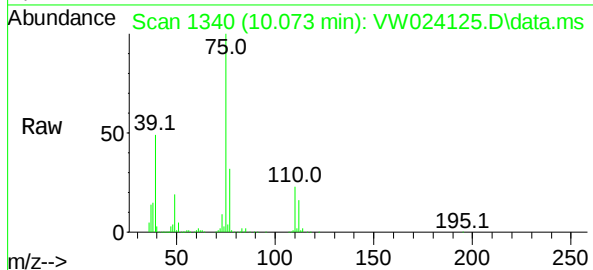




cis-1,3-Dichloropropene
Concen: 23.900 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW024125.D
Acq: 28 Jul 2022 16:40

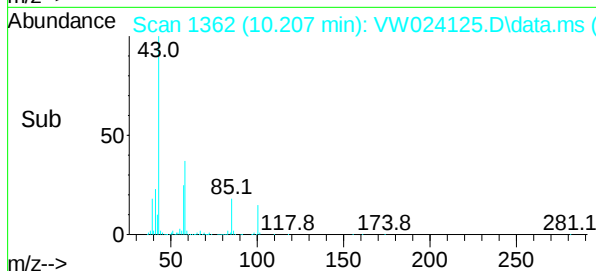
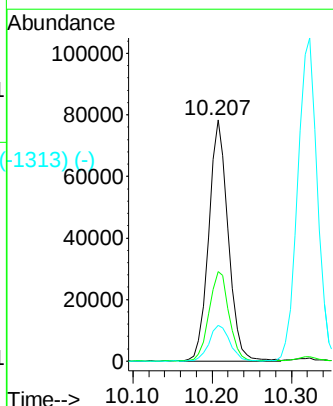
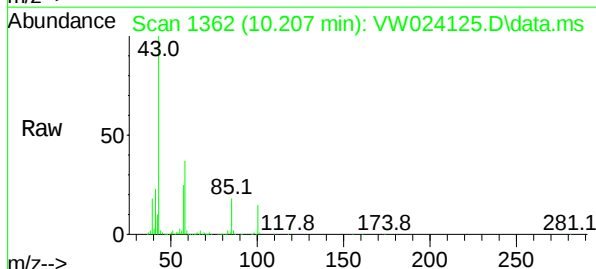
Instrument :
MSVOA_W
ClientSampleId :

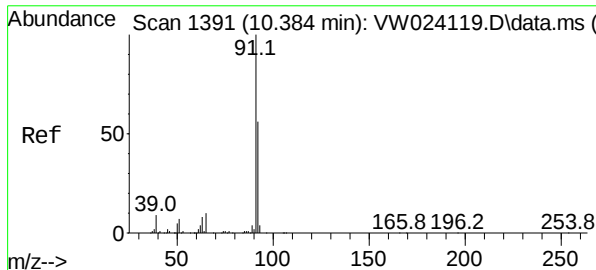
Tgt Ion: 75 Resp: 133379
Ion Ratio Lower Upper
75 100
77 32.2 21.8 40.6



4-Methyl-2-pentanone
Concen: 50.042 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW024125.D
Acq: 28 Jul 2022 16:40

Tgt Ion: 43 Resp: 133379
Ion Ratio Lower Upper
43 100
58 38.0 30.8 46.2
100 15.5 13.0 19.6

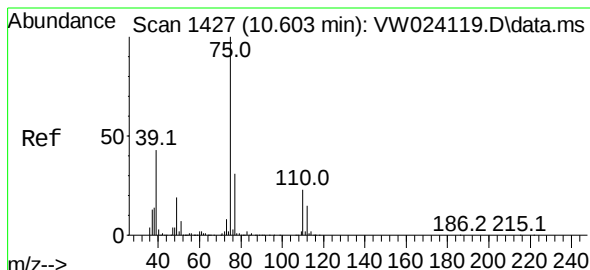
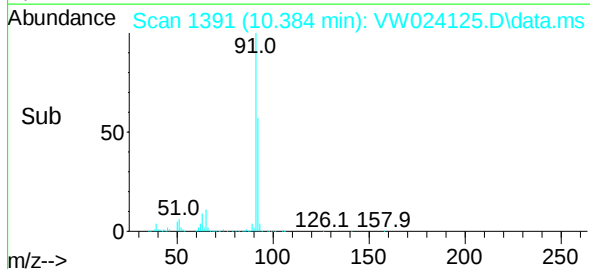
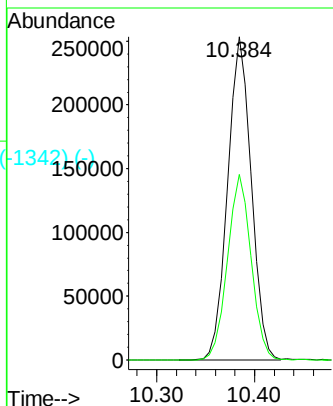
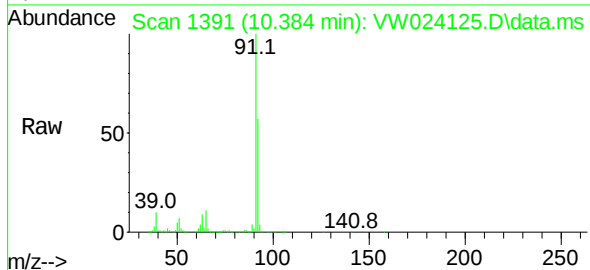




Scan 1391 (10.384 min): VW024119.D\data.ms (-1342) (-)
 Toluene
 Concen: 24.894 ug/L
 RT: 10.384 min Scan# 1391
 Delta R.T. 0.000 min
 Lab File: VW024125.D
 Acq: 28 Jul 2022 16:40

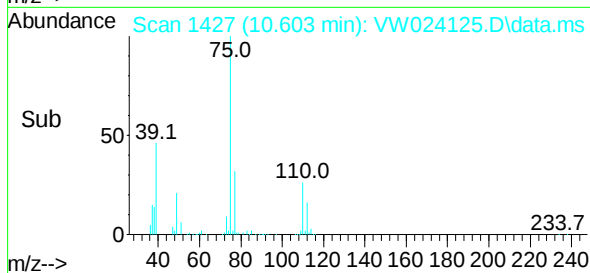
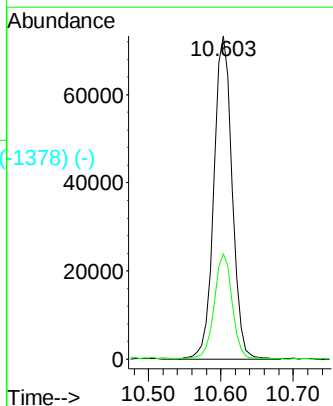
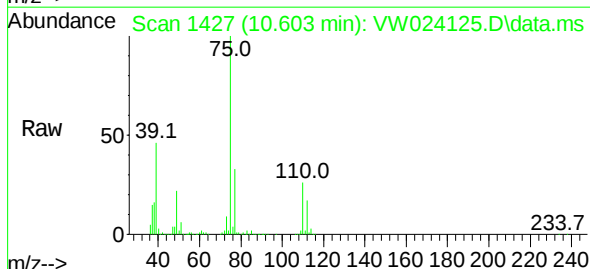
Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 91 Resp: 426608
 Ion Ratio Lower Upper
 91 100
 92 57.4 40.3 74.9



Scan 1427 (10.603 min): VW024119.D\data.ms (-1347) (-)
 trans-1,3-Dichloropropene
 Concen: 24.290 ug/L
 RT: 10.603 min Scan# 1427
 Delta R.T. 0.000 min
 Lab File: VW024125.D
 Acq: 28 Jul 2022 16:40

Tgt Ion: 75 Resp: 128368
 Ion Ratio Lower Upper
 75 100
 77 32.6 21.3 39.6



Abundance Scan 1457 (10.786 min): VW024119.D\data.ms (-1445) (-)

1,1,2-Trichloroethane

Concen: 24.216 ug/L

RT: 10.786 min Scan# 1445

Delta R.T. 0.000 min

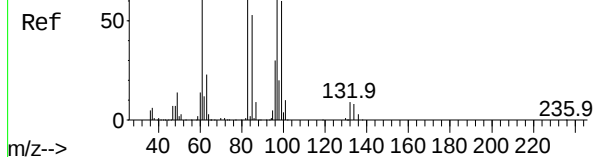
Lab File: VW024125.D

Acq: 28 Jul 2022 16:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 81030

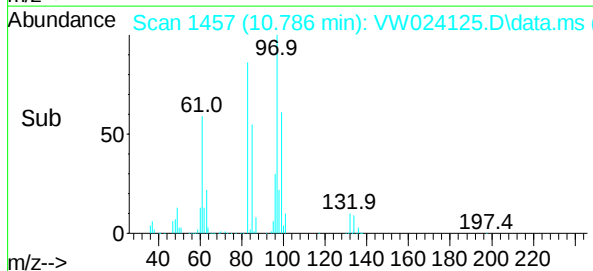
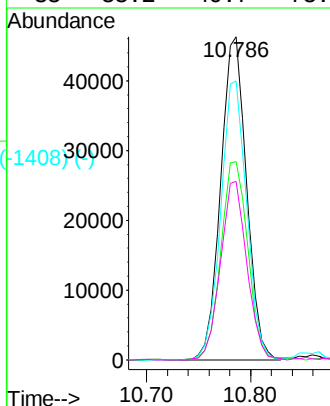
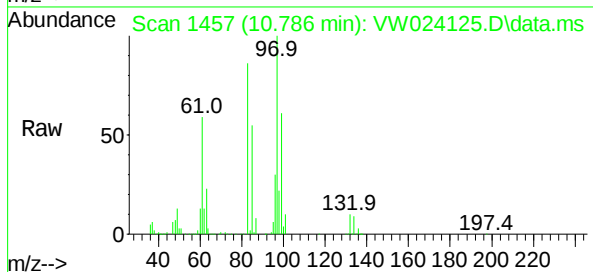
Ion Ratio Lower Upper

97 100

99 61.5 46.2 85.8

83 86.4 61.2 113.6

85 55.2 40.7 75.7



Abundance Scan 1468 (10.853 min): VW024119.D\data.ms (-1446) (-)

Tetrachloroethene

Concen: 23.095 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.006 min

Lab File: VW024125.D

Acq: 28 Jul 2022 16:40

Tgt Ion:164 Resp: 72521

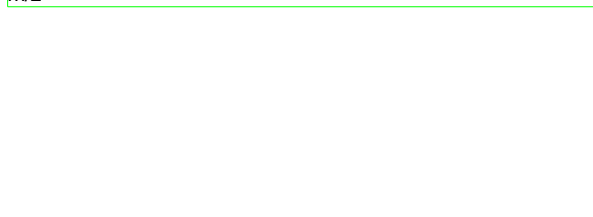
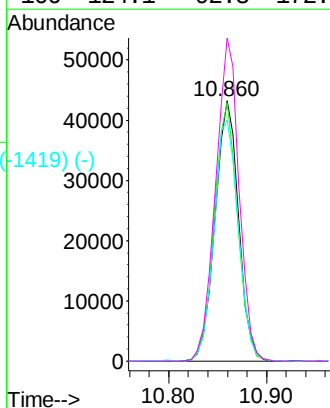
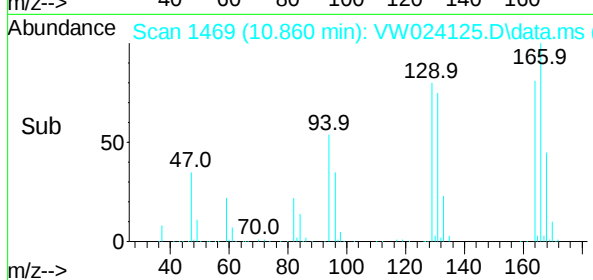
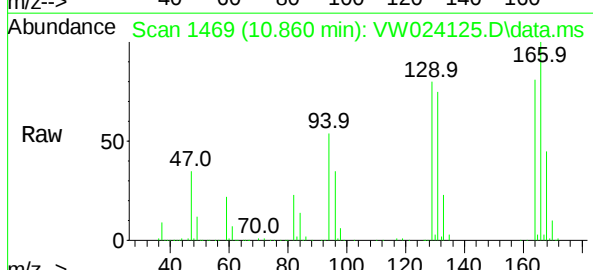
Ion Ratio Lower Upper

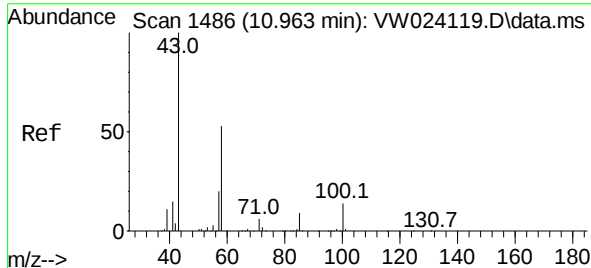
164 100

129 99.2 65.7 122.1

131 92.7 69.2 128.4

166 124.1 92.8 172.4

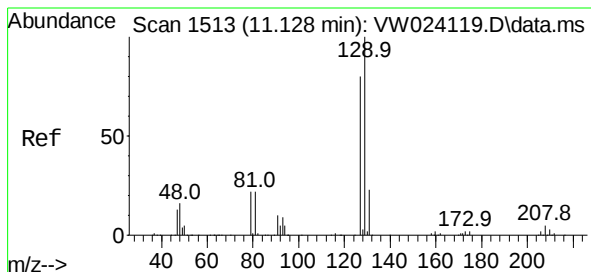
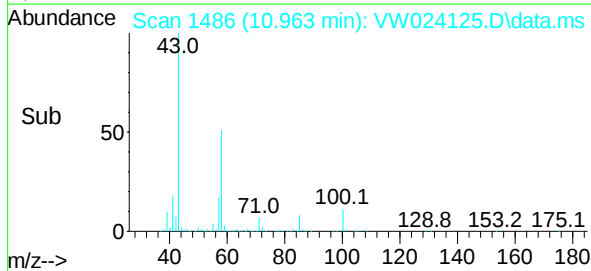
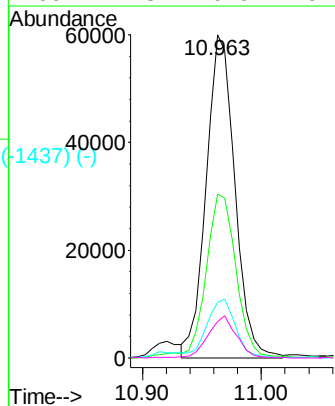
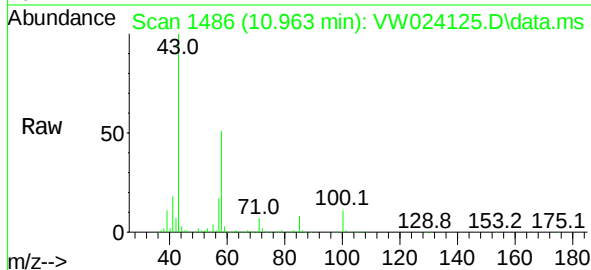




2-Hexanone
Concen: 51.958 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW024125.D
Acq: 28 Jul 2022 16:40

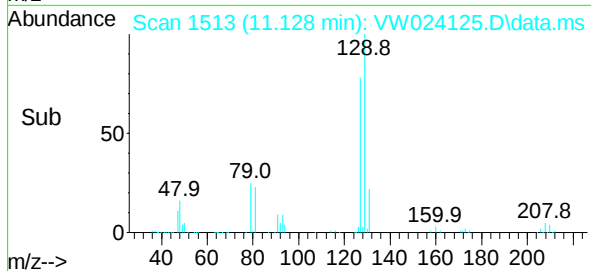
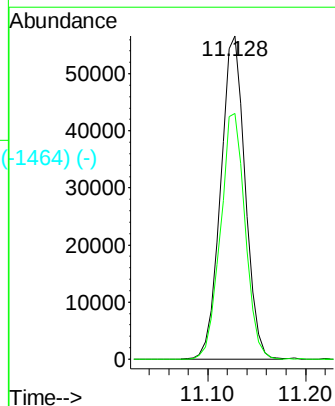
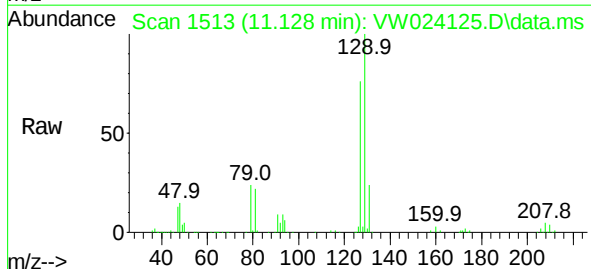
Instrument :
MSVOA_W
ClientSampleId :

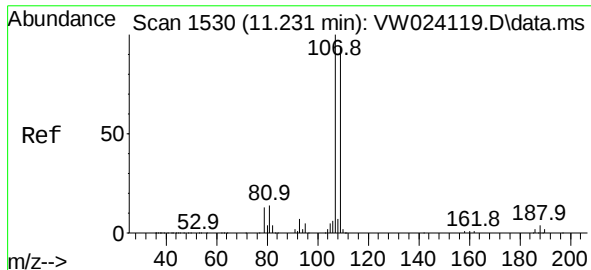
Tgt Ion:	43	Resp:	100360
Ion	Ratio	Lower	Upper
43	100		
58	52.2	41.0	61.6
57	18.0	14.5	21.7
100	12.8	10.9	16.3



Dibromochloromethane
Concen: 25.232 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024125.D
Acq: 28 Jul 2022 16:40

Tgt Ion:	129	Resp:	98653
Ion	Ratio	Lower	Upper
129	100		
127	76.1	55.0	102.2

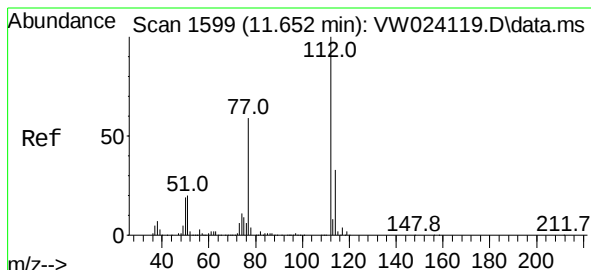
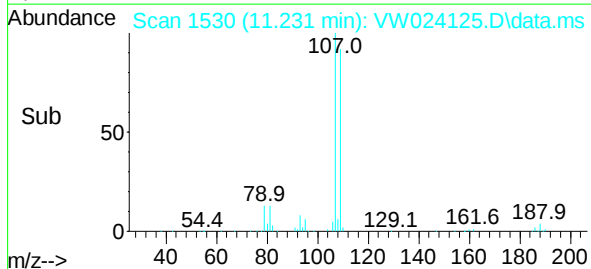
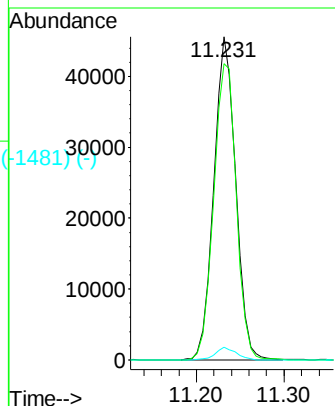
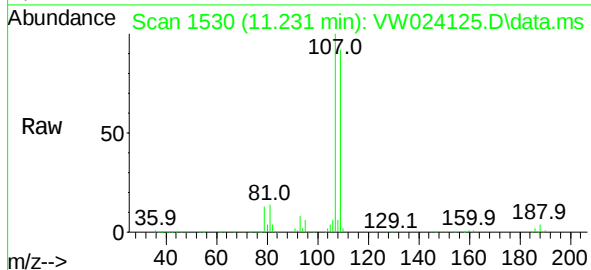




1,2-Dibromoethane
Concen: 24.079 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW024125.D
Acq: 28 Jul 2022 16:40

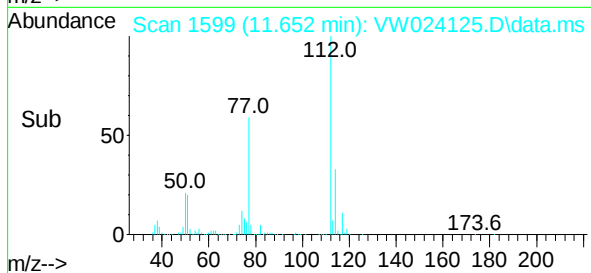
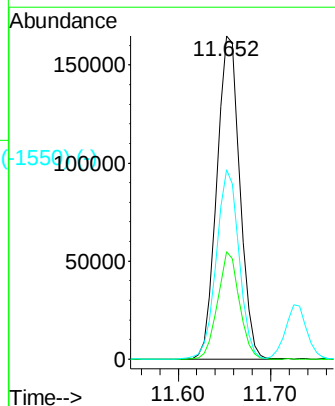
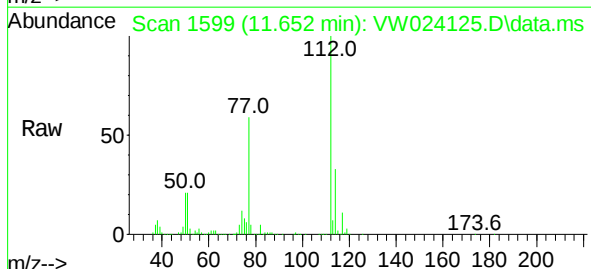
Instrument :
MSVOA_W
ClientSampleId :

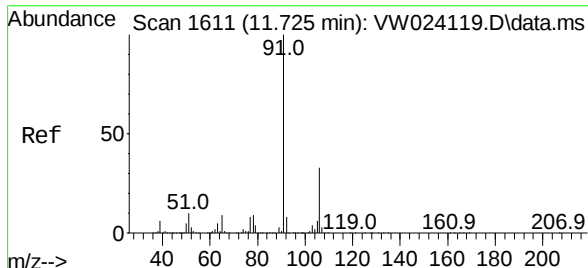
Tgt Ion:107 Resp: 78888
Ion Ratio Lower Upper
107 100
109 91.7 62.2 115.6
188 3.9 2.2 3.2#



Chlorobenzene
Concen: 24.714 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW024125.D
Acq: 28 Jul 2022 16:40

Tgt Ion:112 Resp: 285047
Ion Ratio Lower Upper
112 100
114 33.2 23.7 43.9
77 58.7 48.2 72.2

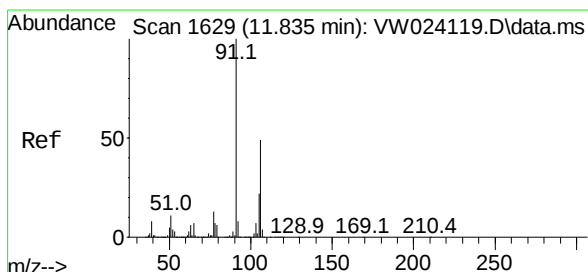
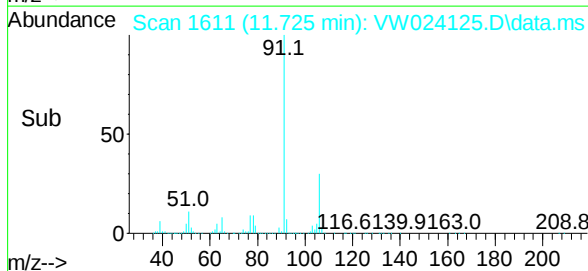
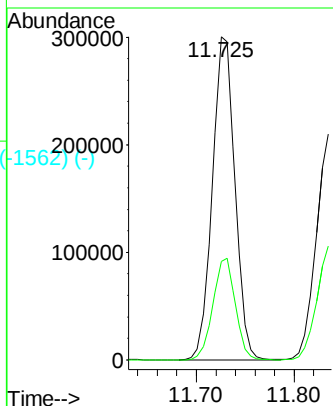
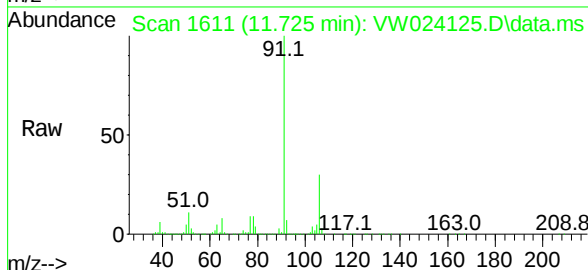




Scan 1611 (11.725 min): VW024119.D\data.ms (-1654) (-)
 Ethylbenzene
 Concen: 25.409 ug/L
 RT: 11.725 min Scan# 1611
 Delta R.T. 0.000 min
 Lab File: VW024125.D
 Acq: 28 Jul 2022 16:40

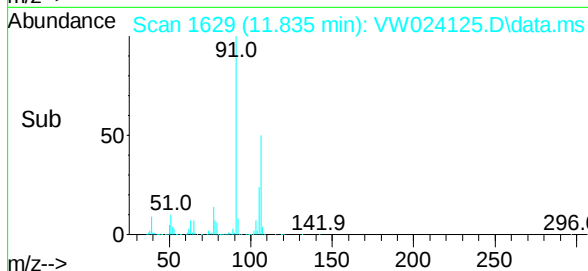
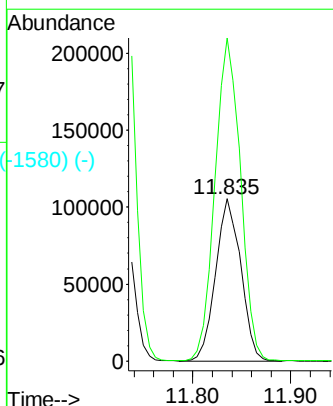
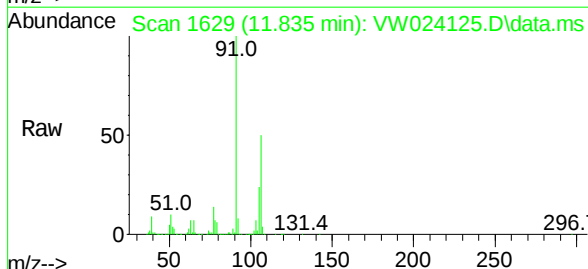
Instrument : MSVOA_W
 ClientSampleId :

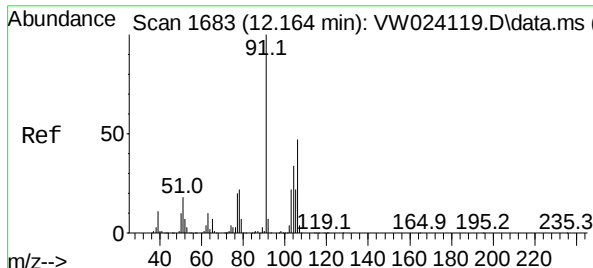
Tgt Ion: 91 Resp: 479879
 Ion Ratio Lower Upper
 91 100
 106 30.4 21.0 39.0



Scan 1629 (11.835 min): VW024119.D\data.ms (-1658) (-)
 m,p-Xylene
 Concen: 25.734 ug/L
 RT: 11.835 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: VW024125.D
 Acq: 28 Jul 2022 16:40

Tgt Ion: 106 Resp: 188643
 Ion Ratio Lower Upper
 106 100
 91 198.8 142.9 265.3

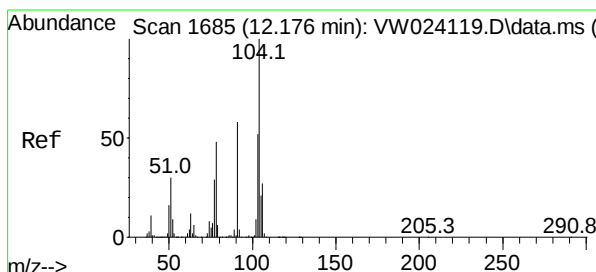
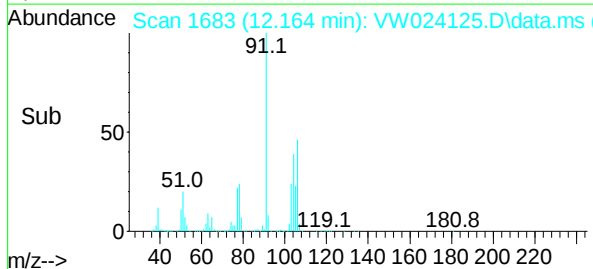
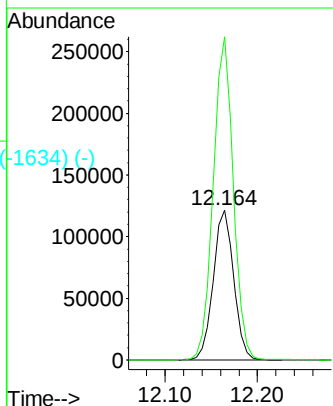
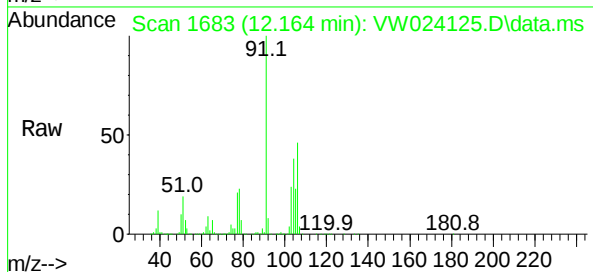




Scan 1683 (12.164 min): VW024119.D\data.ms (-1634) (-)
 o-Xylene
 Concen: 26.462 ug/L
 RT: 12.164 min Scan# 1634
 Delta R.T. 0.000 min
 Lab File: VW024125.D
 Acq: 28 Jul 2022 16:40

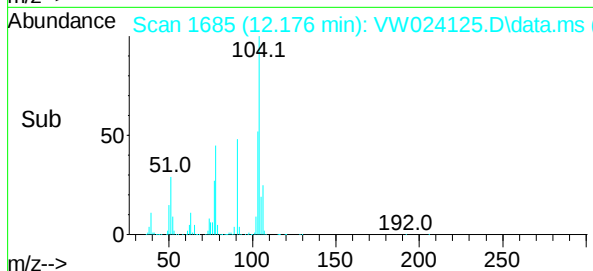
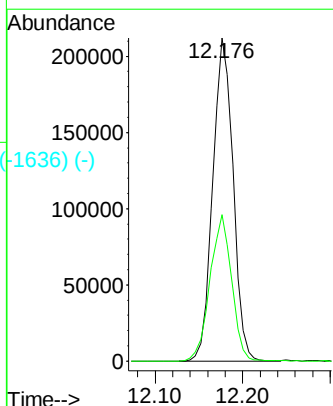
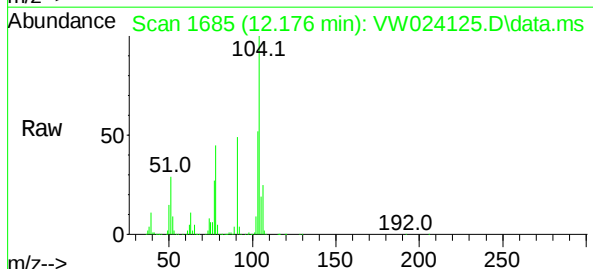
Instrument : MSVOA_W
 ClientSampleId :

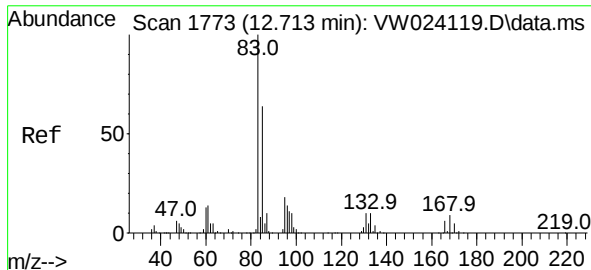
Tgt Ion:106 Resp: 185509
 Ion Ratio Lower Upper
 106 100
 91 215.5 150.6 279.6



Scan 1685 (12.176 min): VW024119.D\data.ms (-1635) (-)
 Styrene
 Concen: 27.193 ug/L
 RT: 12.176 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VW024125.D
 Acq: 28 Jul 2022 16:40

Tgt Ion:104 Resp: 341517
 Ion Ratio Lower Upper
 104 100
 78 45.4 30.3 56.3

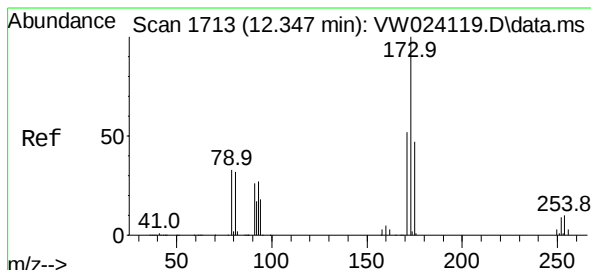
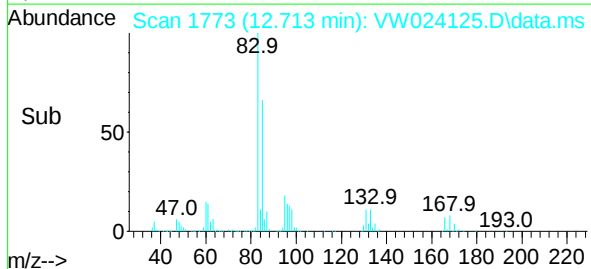
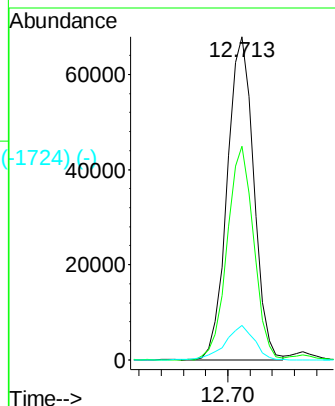
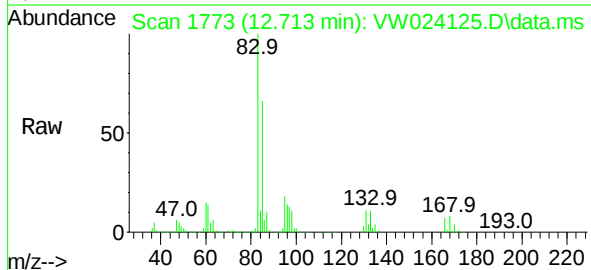




Scan 1773 (12.713 min): VW024119.D\data.ms (-1754) (-)
 1,1,2,2-Tetrachloroethane
 Concen: 24.250 ug/L
 RT: 12.713 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VW024125.D
 Acq: 28 Jul 2022 16:40

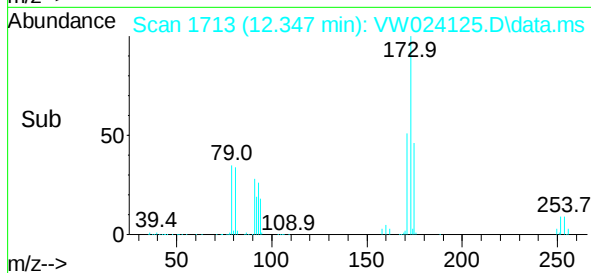
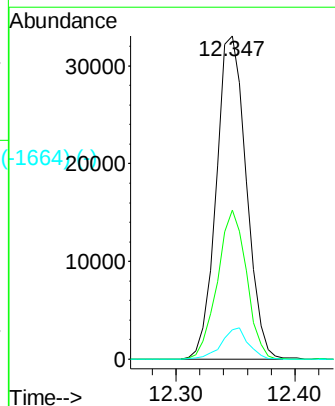
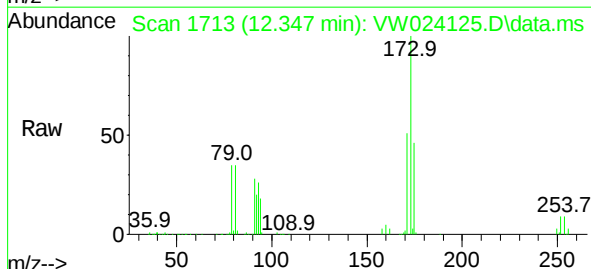
Instrument :
 MSVOA_W
 ClientSampleId :

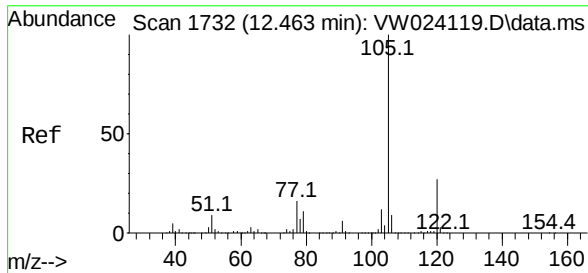
Tgt Ion:	83	Resp:	112462
Ion	Ratio	Lower	Upper
83	100		
85	66.1	44.4	82.5
131	10.7	7.5	11.3



Scan 1713 (12.347 min): VW024119.D\data.ms (-1759) (-)
 Bromoform
 Concen: 23.720 ug/L
 RT: 12.347 min Scan# 1713
 Delta R.T. 0.000 min
 Lab File: VW024125.D
 Acq: 28 Jul 2022 16:40

Tgt Ion:	173	Resp:	58076
Ion	Ratio	Lower	Upper
173	100		
175	44.7	38.4	57.6
254	8.6	7.0	10.4

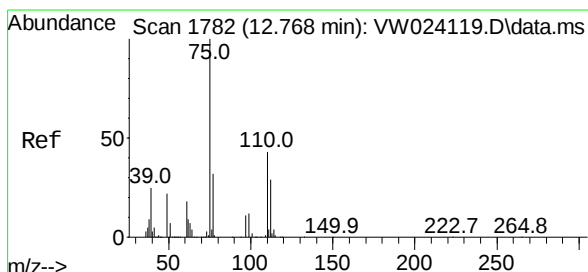
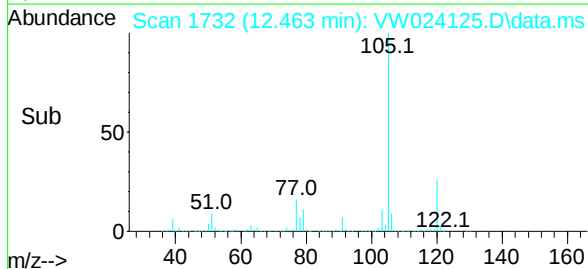
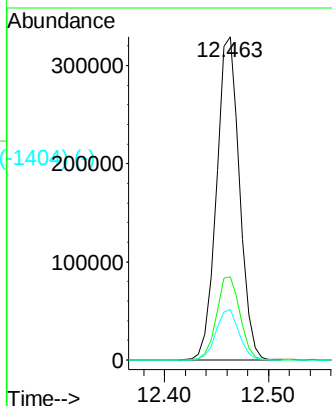
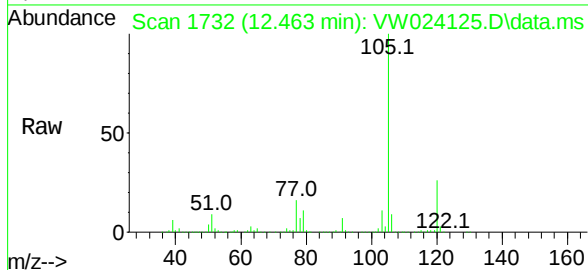




Isopropylbenzene
Concen: 25.365 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024125.D
Acq: 28 Jul 2022 16:40

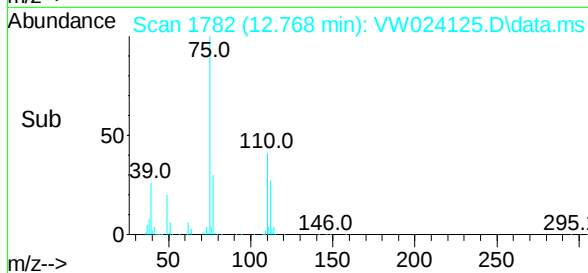
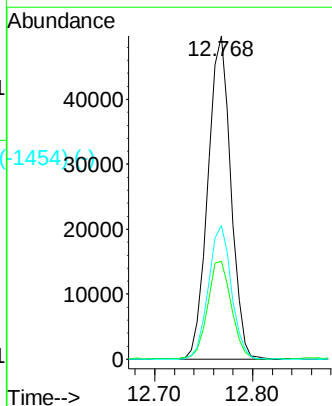
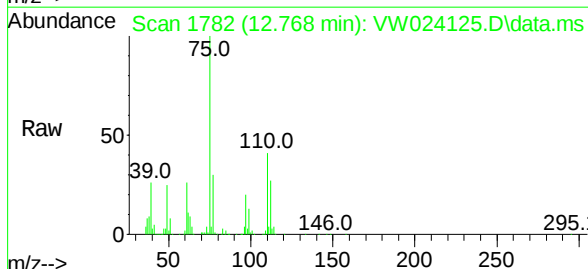
Instrument :
MSVOA_W
ClientSampleId :

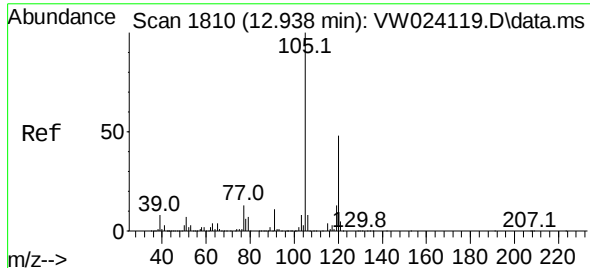
Tgt Ion:	105	Resp:	508910
Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.1	31.7
77	15.7	12.8	19.2



1,2,3-Trichloropropane
Concen: 22.718 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024125.D
Acq: 28 Jul 2022 16:40

Tgt Ion:	75	Resp:	80886
Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.1	39.1
110	41.4	33.0	49.4

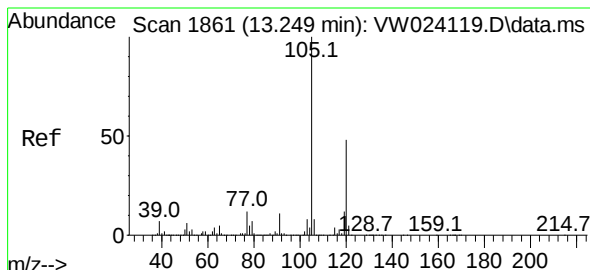
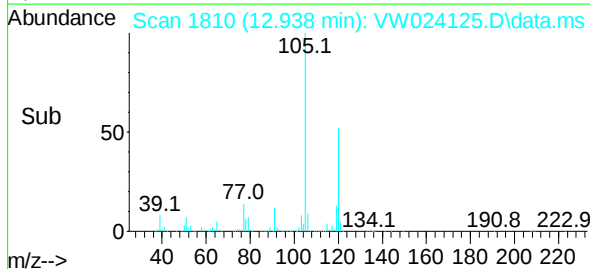
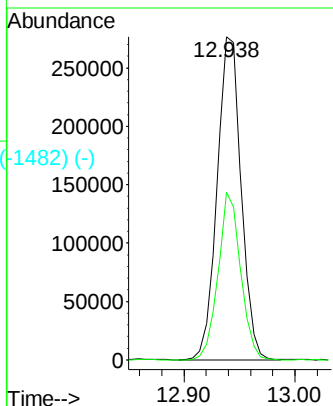
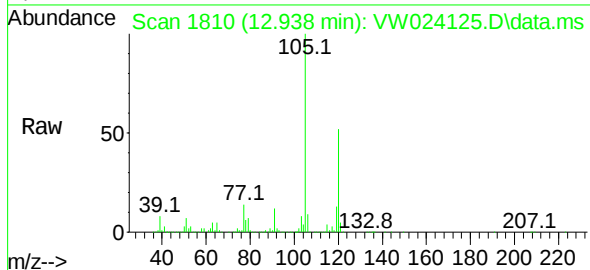




Scan 1810 (12.938 min): VW024119.D\data.ms (-1863) (-)
 1,3,5-Trimethylbenzene
 Concen: 25.886 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW024125.D
 Acq: 28 Jul 2022 16:40

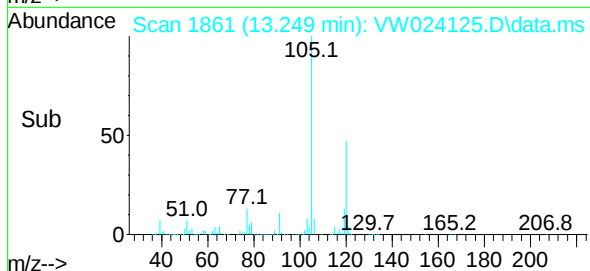
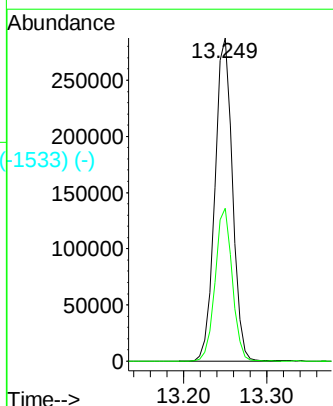
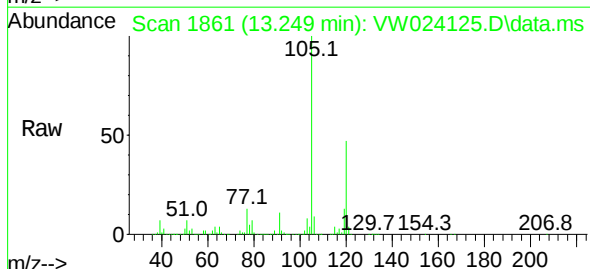
Instrument : MSVOA_W
 ClientSampleId :

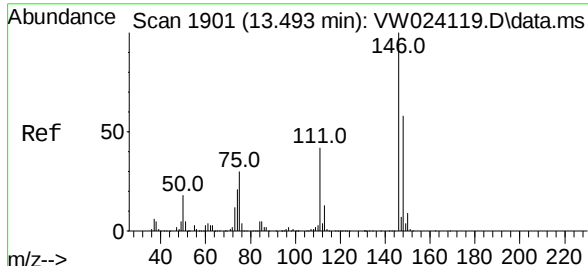
Tgt Ion:105 Resp: 417840
 Ion Ratio Lower Upper
 105 100
 120 48.5 38.1 57.1



Scan 1861 (13.249 min): VW024119.D\data.ms (-1863) (-)
 1,2,4-Trimethylbenzene
 Concen: 25.986 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW024125.D
 Acq: 28 Jul 2022 16:40

Tgt Ion:105 Resp: 424536
 Ion Ratio Lower Upper
 105 100
 120 46.0 36.1 54.1

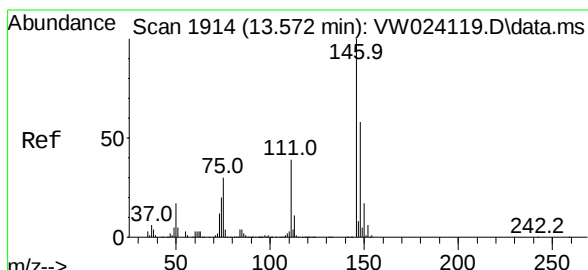
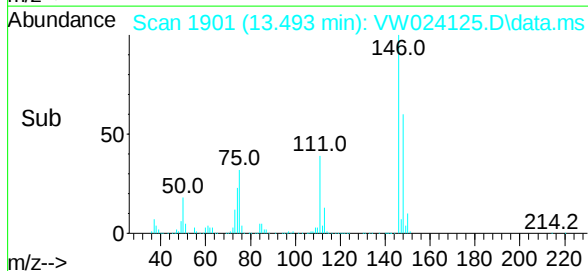
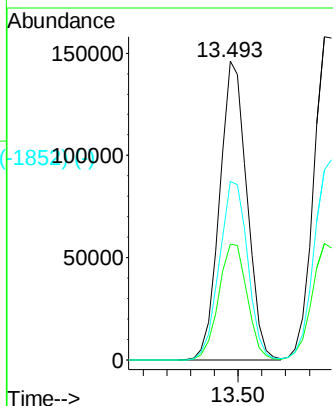
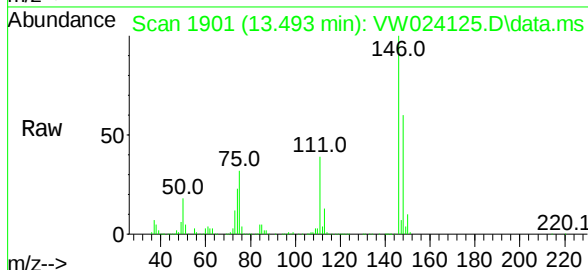




Scan 1901 (13.493 min): VW024119.D\data.ms (-1851000) (-)
 1,3-Dichlorobenzene
 Concen: 24.238 ug/L
 RT: 13.493 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VW024125.D
 Acq: 28 Jul 2022 16:40

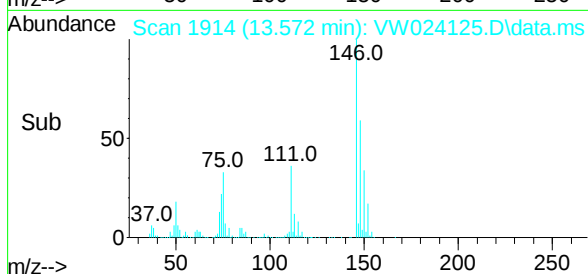
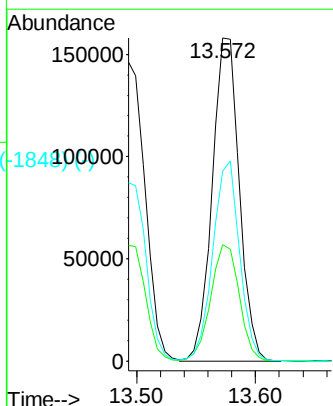
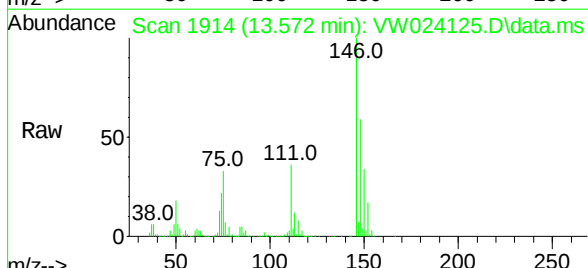
Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	146	Resp:	232590
Ion	Ratio	Lower	Upper
146	100		
111	38.7	26.4	49.0
148	59.8	41.4	77.0



Scan 1914 (13.572 min): VW024119.D\data.ms (-1851000) (-)
 1,4-Dichlorobenzene
 Concen: 24.583 ug/L
 RT: 13.572 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW024125.D
 Acq: 28 Jul 2022 16:40

Tgt Ion:	146	Resp:	250422
Ion	Ratio	Lower	Upper
146	100		
111	36.1	27.9	51.9
148	58.9	43.2	80.2



Abundance Scan 1962 (13.865 min): VW024119.D\data.ms (-1962) (-)

1,2-Dichlorobenzene

Concen: 25.082 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

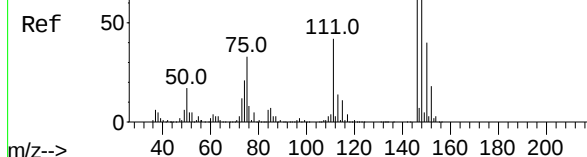
Lab File: VW024125.D

Acq: 28 Jul 2022 16:40

Instrument :

MSVOA_W

ClientSampleId :



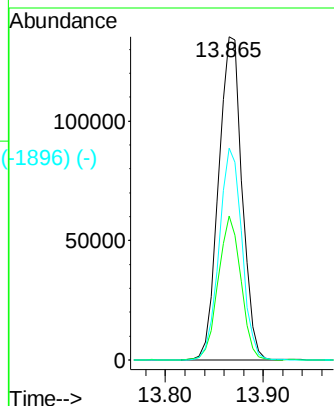
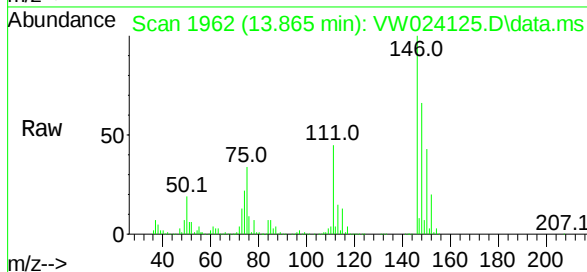
Tgt Ion:146 Resp: 225135

Ion Ratio Lower Upper

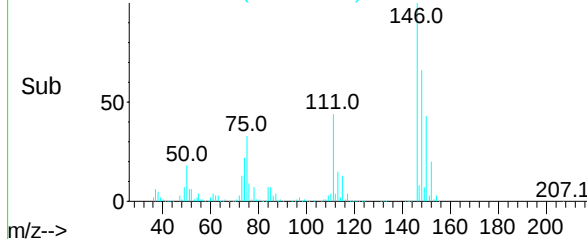
146 100

111 44.5 33.9 50.9

148 65.6 53.0 79.6



Abundance Scan 1962 (13.865 min): VW024125.D\data.ms (-1896) (-)



Abundance Scan 2063 (14.481 min): VW024119.D\data.ms (-2063) (-)

1,2-Dibromo-3-chloropropane

Concen: 23.047 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024125.D

Acq: 28 Jul 2022 16:40

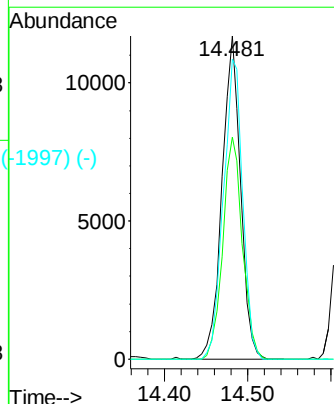
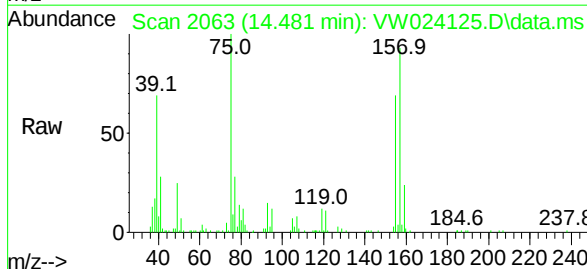
Tgt Ion: 75 Resp: 18335

Ion Ratio Lower Upper

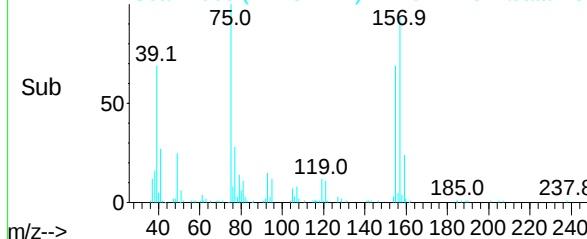
75 100

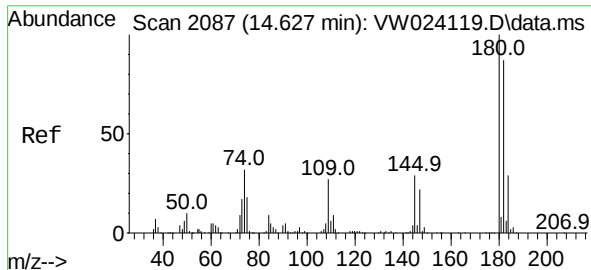
155 68.7 58.6 88.0

157 93.0 64.0 96.0



Abundance Scan 2063 (14.481 min): VW024125.D\data.ms (-1997) (-)

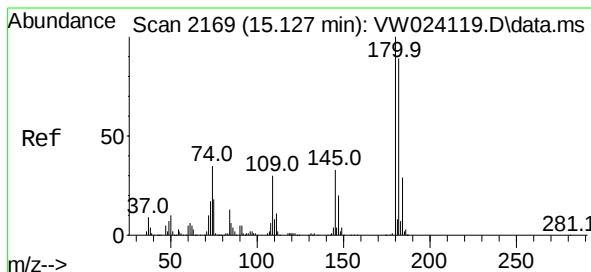
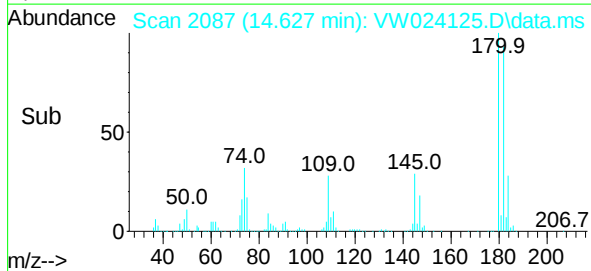
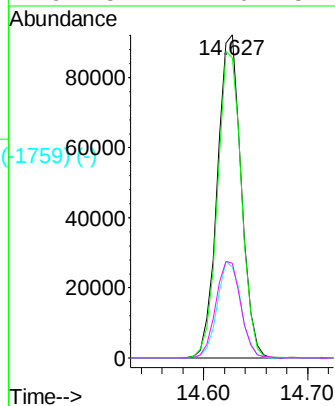
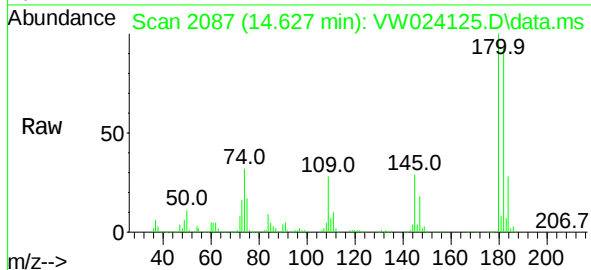




1,3,5-Trichlorobenzene
Concen: 24.215 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW024125.D
Acq: 28 Jul 2022 16:40

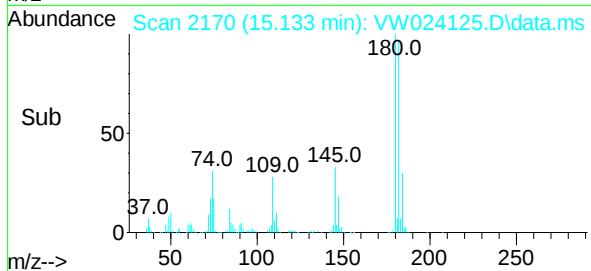
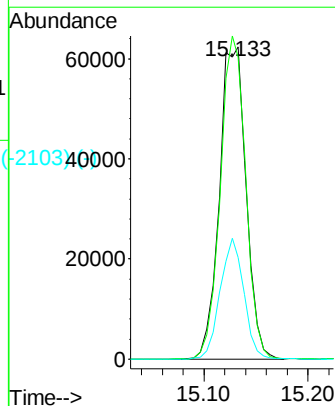
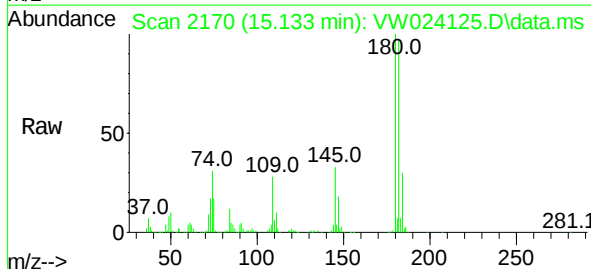
Instrument :
MSVOA_W
ClientSampleId :

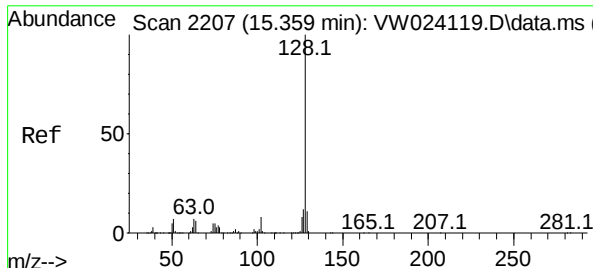
Tgt Ion:	180	Resp:	148183
Ion	Ratio	Lower	Upper
180	100		
182	94.5	73.9	110.9
184	29.5	23.5	35.3
145	31.2	24.9	37.3



1,2,4-trichlorobenzene
Concen: 24.211 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW024125.D
Acq: 28 Jul 2022 16:40

Tgt Ion:	180	Resp:	112260
Ion	Ratio	Lower	Upper
180	100		
182	98.0	72.0	108.0
145	34.4	24.9	37.3

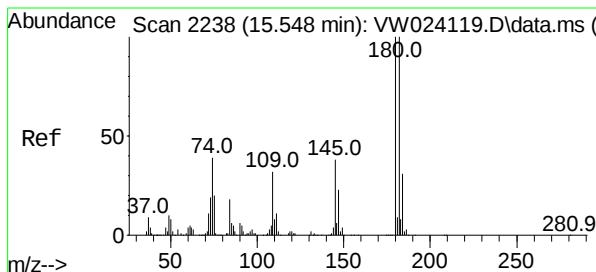
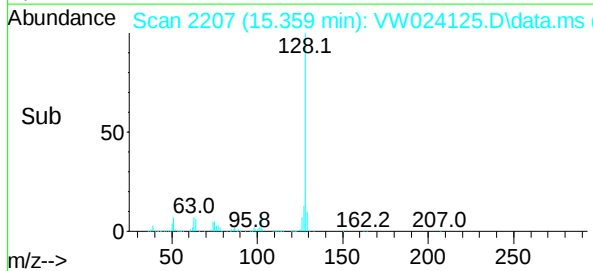
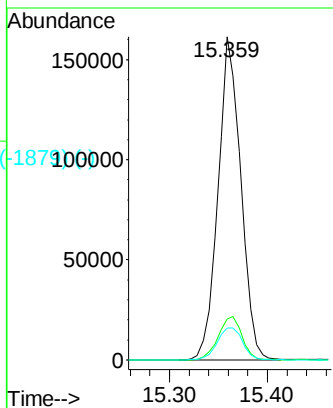
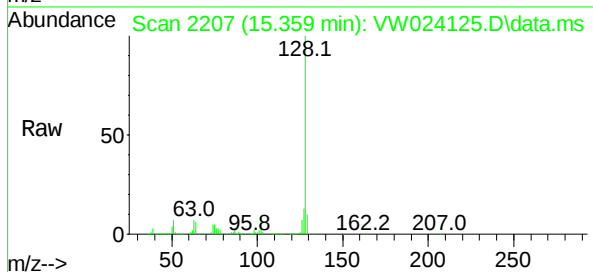




Scan 2207 (15.359 min): VW024119.D\data.ms (-2108) (-)
 Naphthalene
 Concen: 26.324 ug/L
 RT: 15.359 min Scan# 2108
 Delta R.T. 0.000 min
 Lab File: VW024125.D
 Acq: 28 Jul 2022 16:40

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	128	Resp:	261179
Ion	Ratio	Lower	Upper
128	100		
127	14.0	11.0	16.4
129	11.1	9.3	13.9



Scan 2238 (15.548 min): VW024119.D\data.ms (-2272) (-)
 1,2,3-Trichlorobenzene
 Concen: 24.825 ug/L
 RT: 15.548 min Scan# 2238
 Delta R.T. 0.000 min
 Lab File: VW024125.D
 Acq: 28 Jul 2022 16:40

Tgt Ion:	180	Resp:	108275
Ion	Ratio	Lower	Upper
180	100		
182	99.5	77.8	116.8
145	35.5	27.6	41.4

