

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090823\
 Data File : VV031974.D
 Acq On : 08 Sep 2023 09:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 09 05:28:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 01 00:57:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	320266	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	310243	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	166334	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	118796	59.269	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 118.540%	
7) Chloroethane-d5	1.529	69	92314	52.540	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 105.080%	
11) 1,1-Dichloroethene-d2	2.056	65	49039	52.251	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 104.500%	
21) 2-Butanone-d5	3.786	46	179099	113.612	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 113.610%	
24) Chloroform-d	4.249	84	219533	50.111	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 100.220%	
26) 1,2-Dichloroethane-d4	4.944	65	139171	47.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 95.740%	
32) Benzene-d6	4.960	84	450897	53.262	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.520%	
36) 1,2-Dichloropropane-d6	5.989	67	144942	53.194	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 106.380%	
41) Toluene-d8	7.246	98	416059	53.339	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 106.680%	
43) trans-1,3-Dichloroprop...	7.555	79	77973	55.210	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 110.420%	
47) 2-Hexanone-d5	8.027	63	126118	151.014	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 151.010%#	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	188847	53.633	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 107.260%	
66) 1,2-Dichlorobenzene-d4	11.564	152	157344	51.891	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 103.780%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	89385	45.845	ug/L	97
3) Chloromethane	1.217	50	95125	47.847	ug/L	100
5) Vinyl chloride	1.282	62	99032	46.643	ug/L	100
6) Bromomethane	1.484	94	57587	46.065	ug/L	95
8) Chloroethane	1.545	64	65080	46.122	ug/L	98
9) Trichlorofluoromethane	1.712	101	139439	45.053	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	88539	47.379	ug/L	99
12) 1,1-Dichloroethene	2.069	96	76168	45.378	ug/L	97
13) Acetone	2.111	43	164707	117.389	ug/L	100
14) Carbon disulfide	2.240	76	179488	46.929	ug/L	100
15) Methyl Acetate	2.372	43	126692	50.629	ug/L	100
16) Methylene chloride	2.445	84	100308	46.504	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	86383	46.942	ug/L	95
18) Methyl tert-butyl Ether	2.706	73	365226	46.960	ug/L	98
19) 1,1-Dichloroethane	3.111	63	197766	47.955	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	108905	47.171	ug/L	97
22) 2-Butanone	3.867	43	206206	111.066	ug/L	97
23) Bromochloromethane	4.150	128	52567	46.931	ug/L	98
25) Chloroform	4.278	83	196221	45.762	ug/L	99

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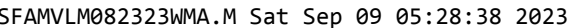
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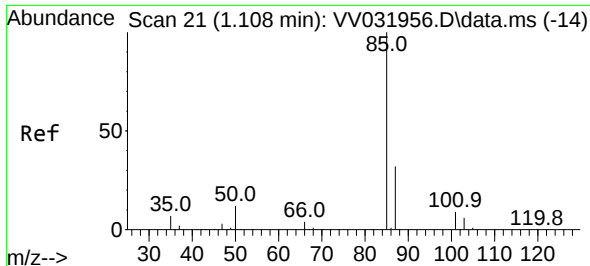
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 01 00:57:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	151234	44.770	ug/L	98
29) Cyclohexane	4.584	56	156283	48.381	ug/L	99
30) 1,1,1-Trichloroethane	4.516	97	164972	45.588	ug/L	100
31) Carbon tetrachloride	4.735	117	139781	45.490	ug/L	99
33) Benzene	5.011	78	401188	48.127	ug/L	100
34) Trichloroethene	5.834	95	110858	43.484	ug/L	99
35) Methylcyclohexane	6.050	83	154148	45.458	ug/L	97
37) 1,2-Dichloropropane	6.095	63	113435	48.009	ug/L	100
38) Bromodichloromethane	6.432	83	156043	46.527	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	189984	46.248	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	379242	101.125	ug/L	99
42) Toluene	7.317	91	432154	47.128	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	182829	46.321	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	111747	46.813	ug/L	98
46) Tetrachloroethene	7.908	164	75415	47.111	ug/L	99
48) 2-Hexanone	8.075	43	304674	106.383	ug/L	98
49) Dibromochloromethane	8.178	129	114058	46.498	ug/L	99
50) 1,2-Dibromoethane	8.284	107	116301	46.516	ug/L	99
51) Chlorobenzene	8.815	112	289771	47.558	ug/L	99
52) Ethylbenzene	8.950	91	504208	46.419	ug/L	99
53) m,p-Xylene	9.075	106	186995	46.366	ug/L	96
54) o-Xylene	9.481	106	187422	46.725	ug/L	98
55) Styrene	9.497	104	328306	46.299	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.182	83	178517	52.828	ug/L	100
59) Bromoform	9.667	173	81806	47.428	ug/L	100
60) Isopropylbenzene	9.870	105	515547	46.276	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	147928	47.073	ug/L	100
62) 1,3,5-Trimethylbenzene	10.481	105	428433	45.710	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	433669	45.994	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	233453	46.757	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	236441	46.571	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	232307	46.954	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	44407	47.045	ug/L	98
69) 1,3,5-Trichlorobenzene	12.587	180	164585	45.218	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	161251	46.153	ug/L	99
71) Naphthalene	13.442	128	511409	45.815	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	156088	46.623	ug/L	99

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

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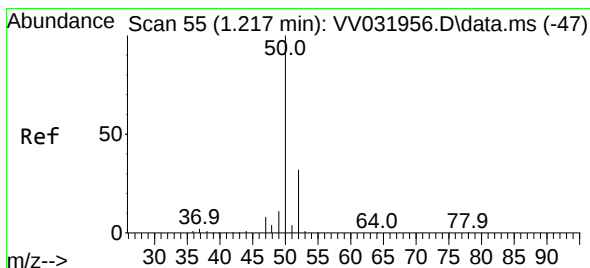
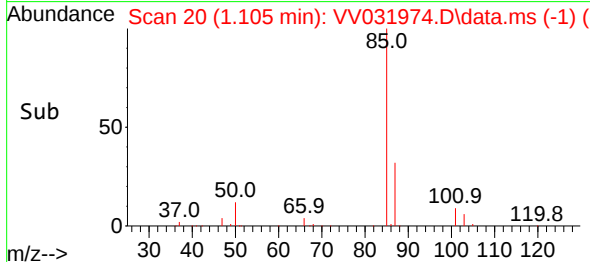
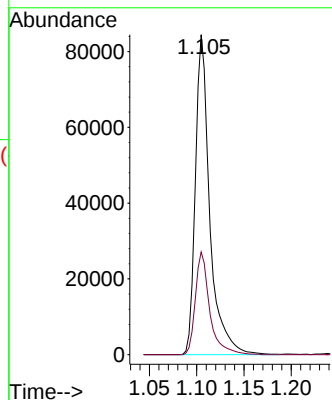
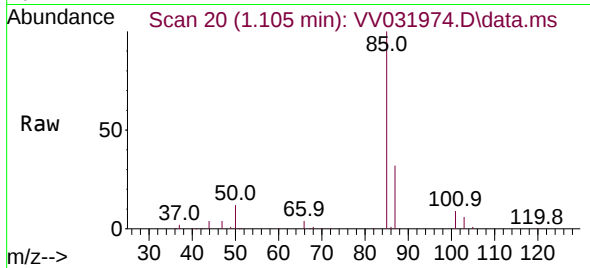




#2
Dichlorodifluoromethane
Concen: 45.845 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV031974.D
Acq: 08 Sep 2023 09:40

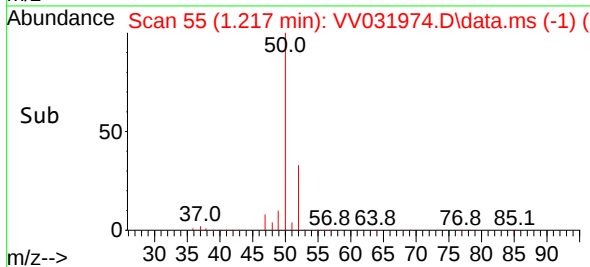
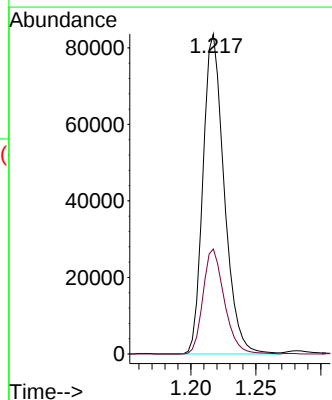
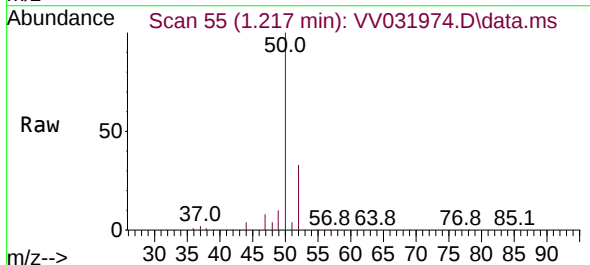
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MSVOA_V
ClientSampleId :

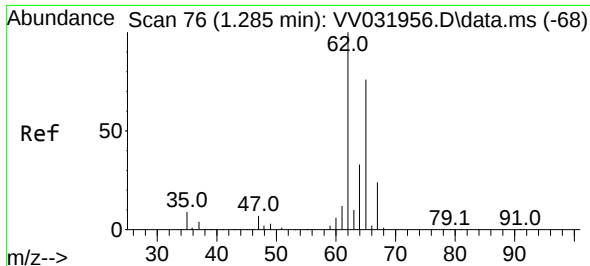
Tgt Ion: 85 Resp: 89385
Ion Ratio Lower Upper
85 100
87 32.0 26.8 40.2



#3
Chloromethane
Concen: 47.847 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV031974.D
Acq: 08 Sep 2023 09:40

Tgt Ion: 50 Resp: 95125
Ion Ratio Lower Upper
50 100
52 32.8 23.0 42.6

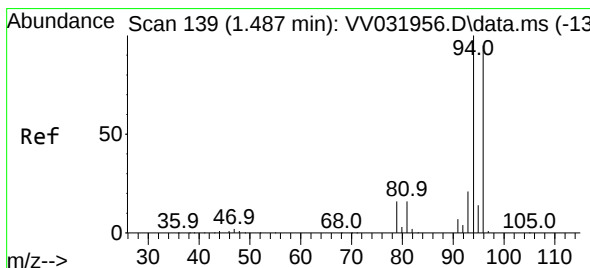
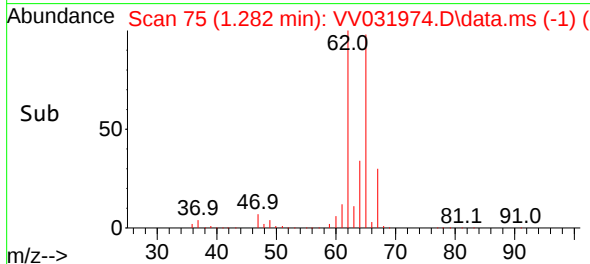
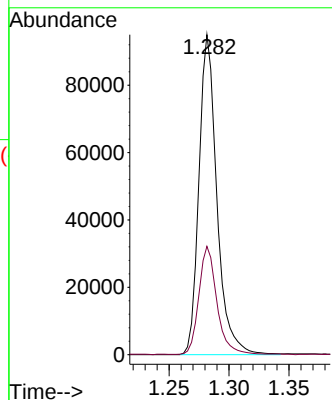
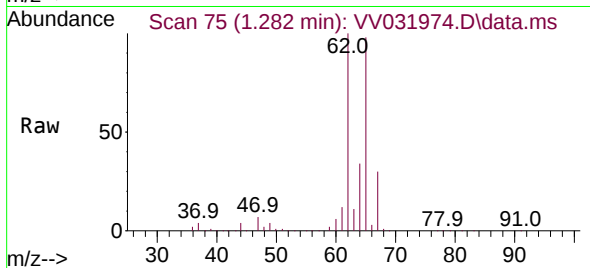




#5
 Vinyl chloride
 Concen: 46.643 ug/L
 RT: 1.282 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV031974.D
 Acq: 08 Sep 2023 09:40

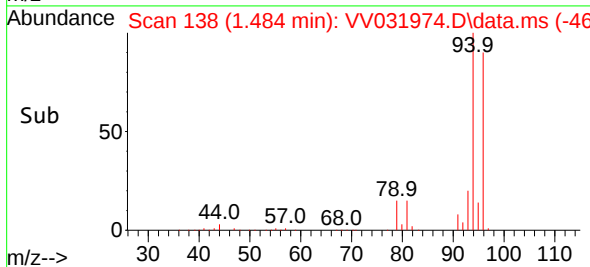
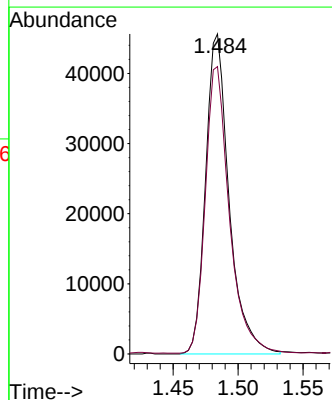
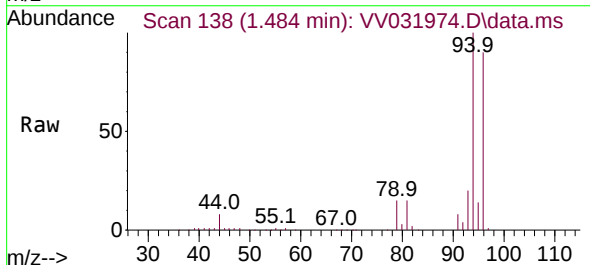
Instrument :
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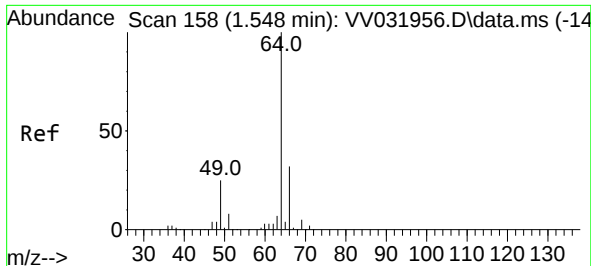
Tgt Ion: 62 Resp: 99032
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.6 43.8



#6
 Bromomethane
 Concen: 46.065 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV031974.D
 Acq: 08 Sep 2023 09:40

Tgt Ion: 94 Resp: 57587
 Ion Ratio Lower Upper
 94 100
 96 89.8 66.4 123.4

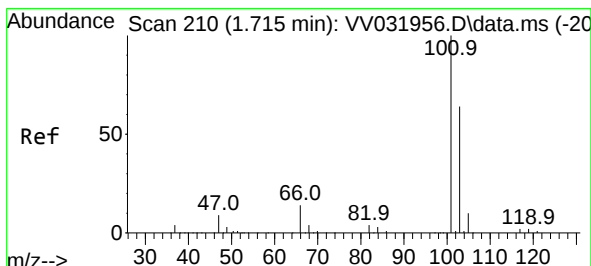
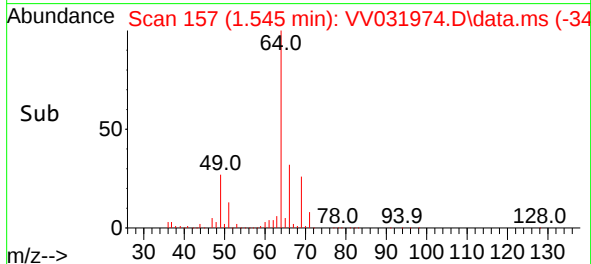
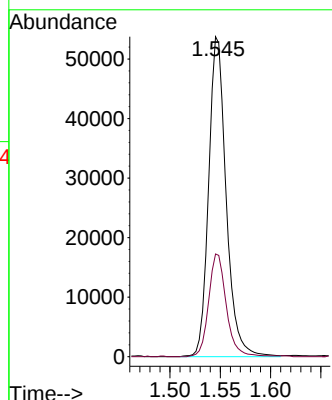
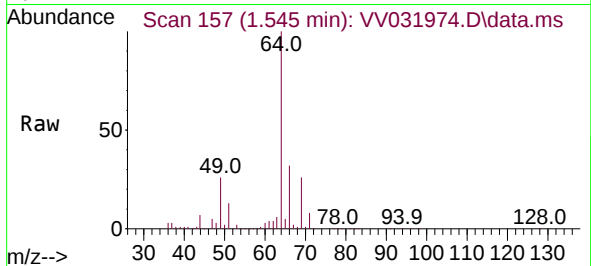




#8
Chloroethane
Concen: 46.122 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031974.D
Acq: 08 Sep 2023 09:40

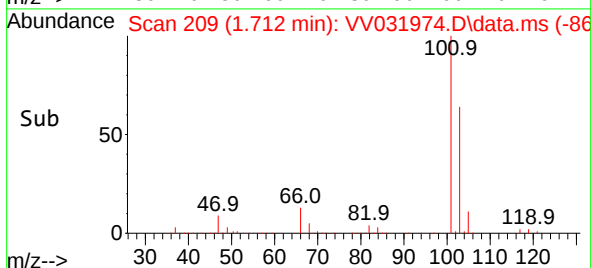
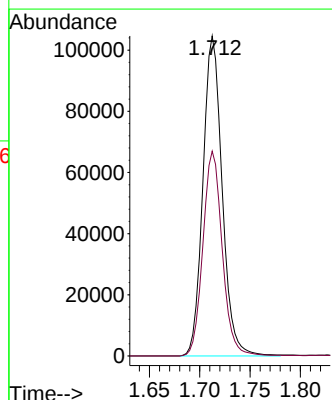
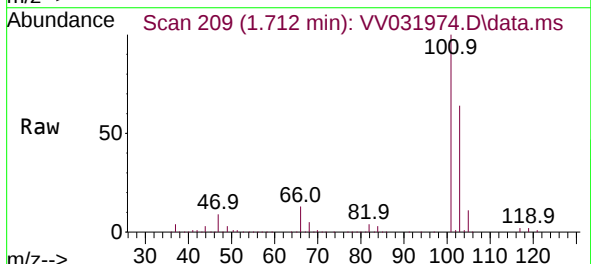
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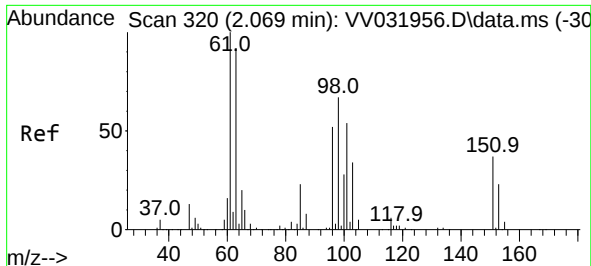
Tgt Ion: 64 Resp: 65080
Ion Ratio Lower Upper
64 100
66 32.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 45.053 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV031974.D
Acq: 08 Sep 2023 09:40

Tgt Ion:101 Resp: 139439
Ion Ratio Lower Upper
101 100
103 64.1 51.9 77.9

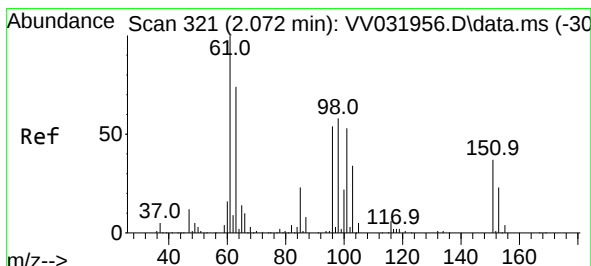
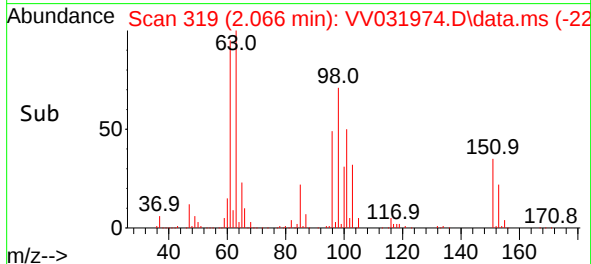
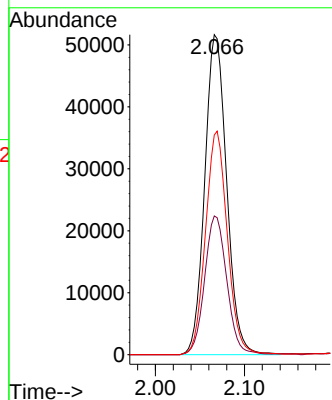
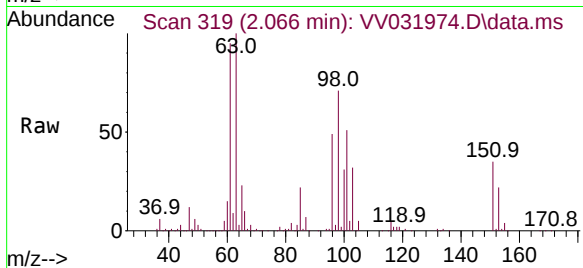




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.379 ug/L
 RT: 2.066 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV031974.D
 Acq: 08 Sep 2023 09:40

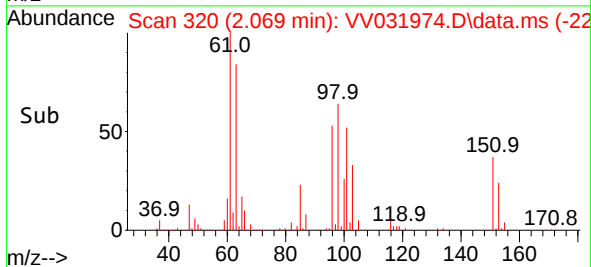
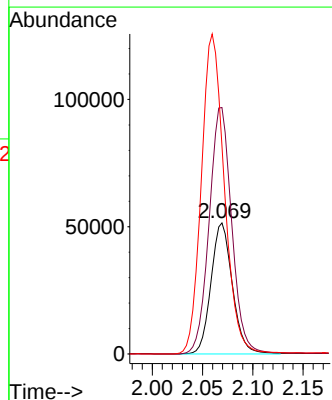
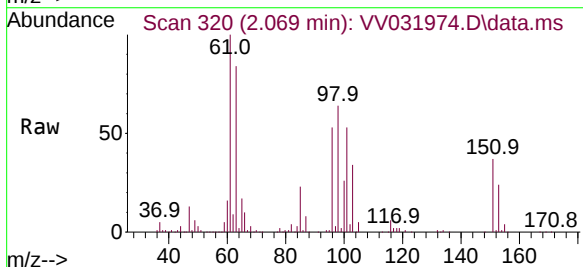
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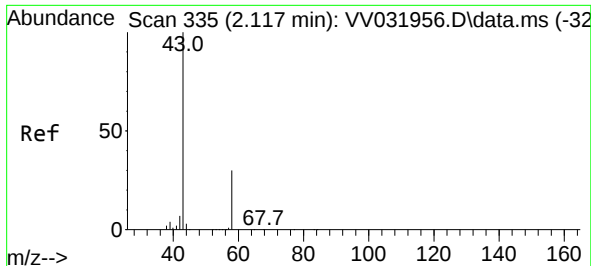
Tgt Ion:101 Resp: 88539
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.8 53.8
 151 69.6 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 45.378 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.003 min
 Lab File: VV031974.D
 Acq: 08 Sep 2023 09:40

Tgt Ion: 96 Resp: 76168
 Ion Ratio Lower Upper
 96 100
 61 188.1 133.8 248.6
 63 158.8 115.2 214.0





#13

Acetone

Concen: 117.389 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

Instrument :

MSVOA_V

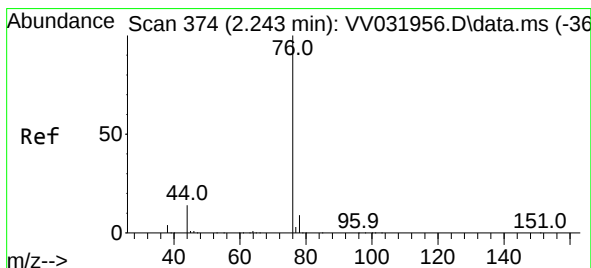
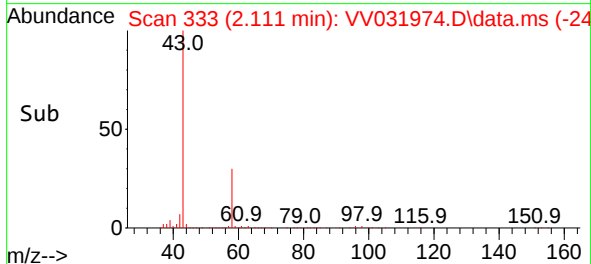
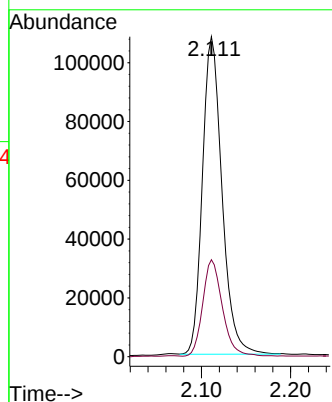
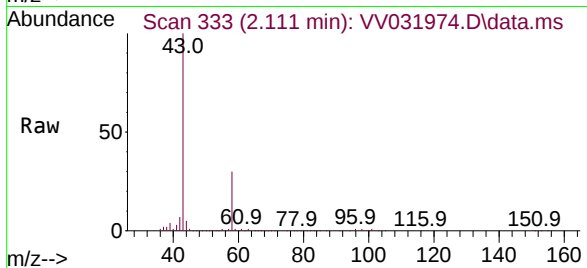
ClientSampleId :

Tgt Ion: 43 Resp: 164707

Ion Ratio Lower Upper

43 100

58 30.4 0.0 61.0



#14

Carbon disulfide

Concen: 46.929 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV031974.D

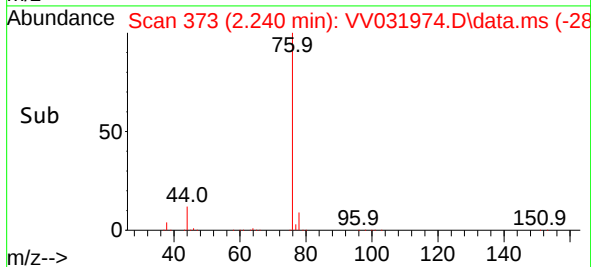
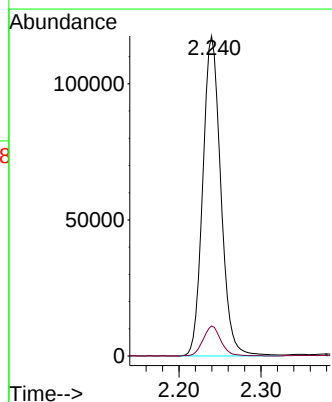
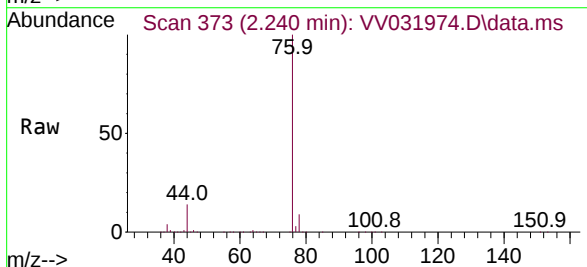
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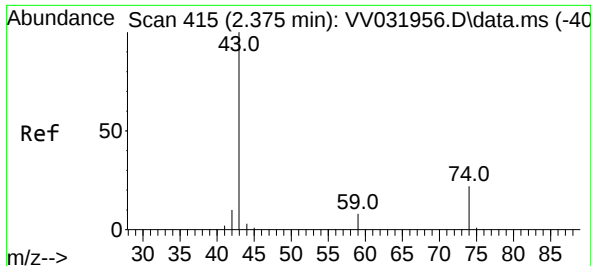
Tgt Ion: 76 Resp: 179488

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

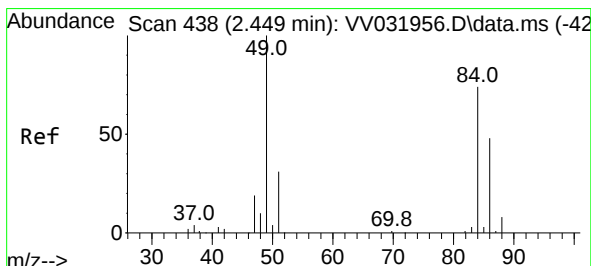
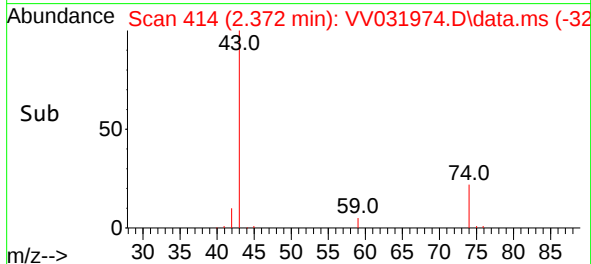
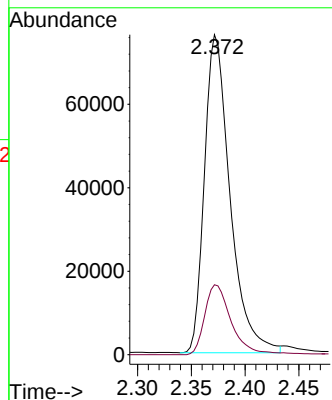
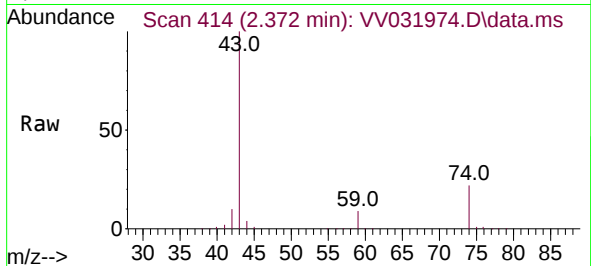




#15
Methyl Acetate
Concen: 50.629 ug/L
RT: 2.372 min Scan# 415
Delta R.T. -0.003 min
Lab File: VV031974.D
Acq: 08 Sep 2023 09:40

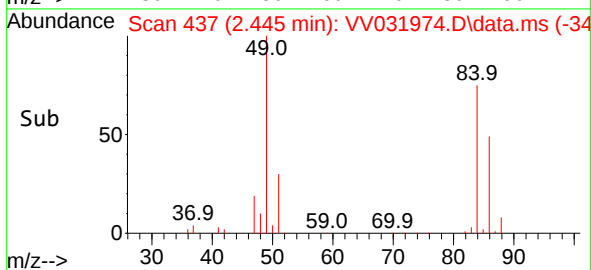
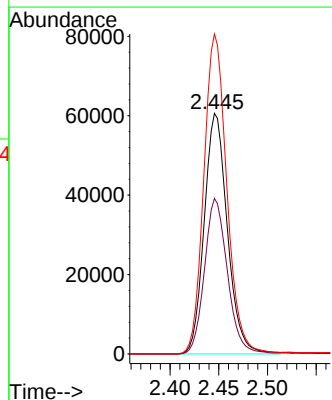
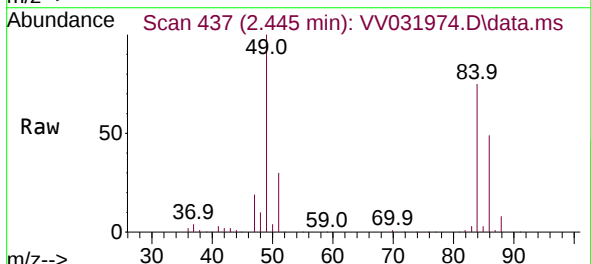
Instrument :
MSVOA_V
ClientSampleId :

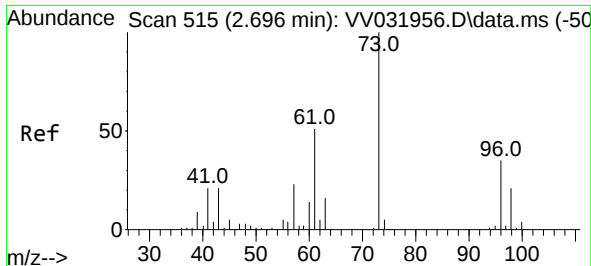
Tgt Ion: 43 Resp: 126692
Ion Ratio Lower Upper
43 100
74 22.5 17.9 26.9



#16
Methylene chloride
Concen: 46.504 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV031974.D
Acq: 08 Sep 2023 09:40

Tgt Ion: 84 Resp: 100308
Ion Ratio Lower Upper
84 100
86 64.6 44.6 82.8
49 133.0 91.6 170.2

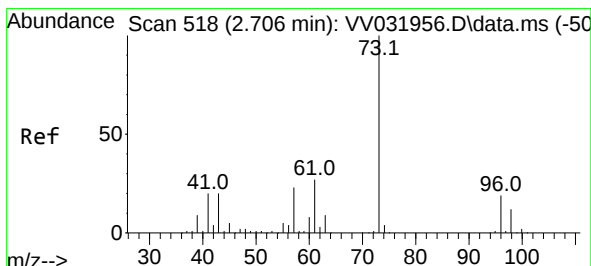
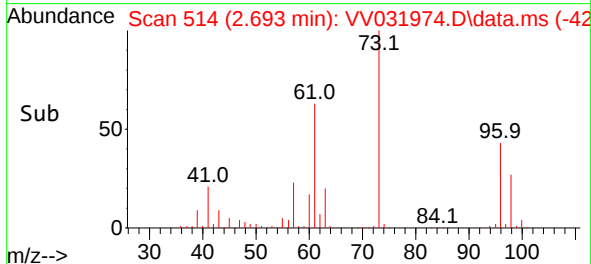
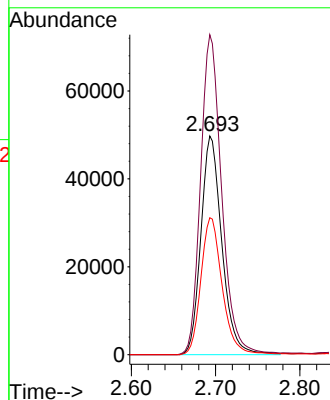
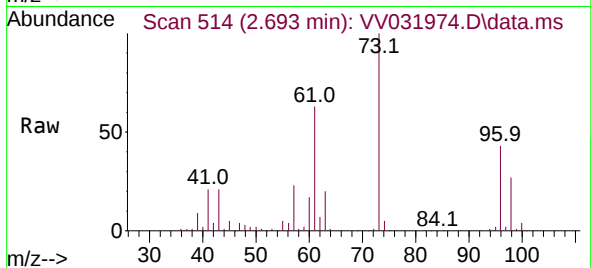




#17
trans-1,2-Dichloroethene
Concen: 46.942 ug/L
RT: 2.693 min Scan# 515
Delta R.T. -0.003 min
Lab File: VV031974.D
Acq: 08 Sep 2023 09:40

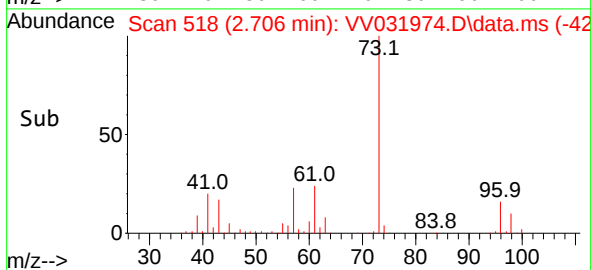
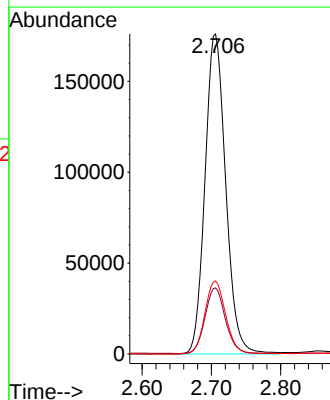
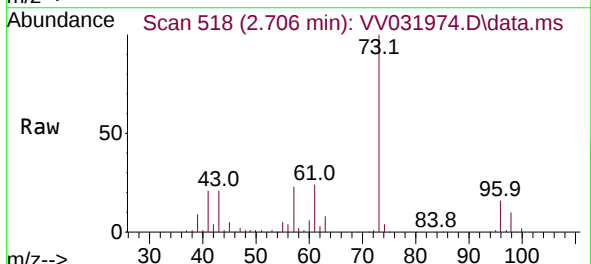
Instrument :
MSVOA_V
ClientSampleId :

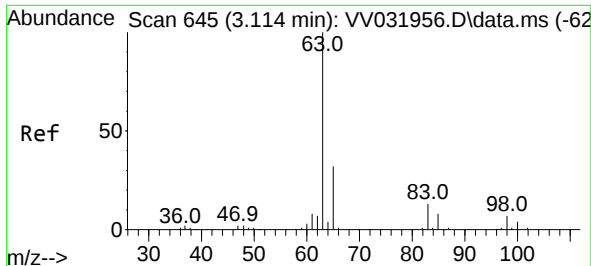
Tgt Ion: 96 Resp: 86383
Ion Ratio Lower Upper
96 100
61 146.3 107.3 199.3
98 62.6 46.3 85.9



#18
Methyl tert-butyl Ether
Concen: 46.960 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV031974.D
Acq: 08 Sep 2023 09:40

Tgt Ion: 73 Resp: 365226
Ion Ratio Lower Upper
73 100
43 20.1 16.6 25.0
57 22.8 17.6 26.4





#19

1,1-Dichloroethane

Concen: 47.955 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

Instrument :

MSVOA_V

ClientSampleId :

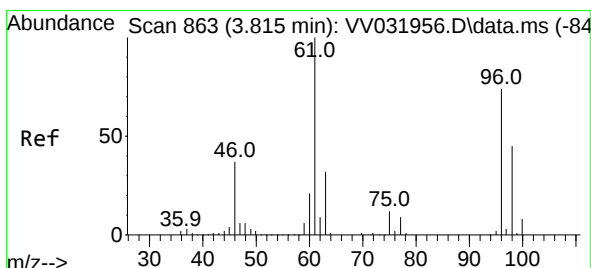
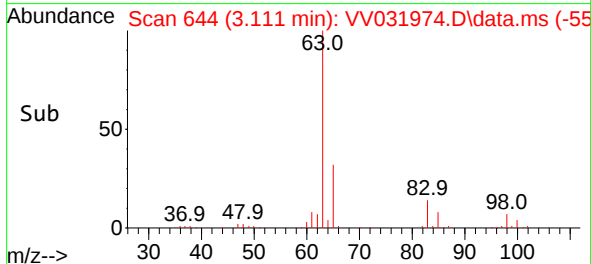
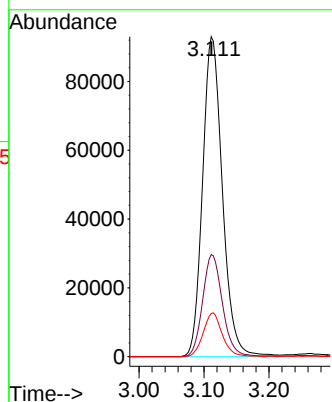
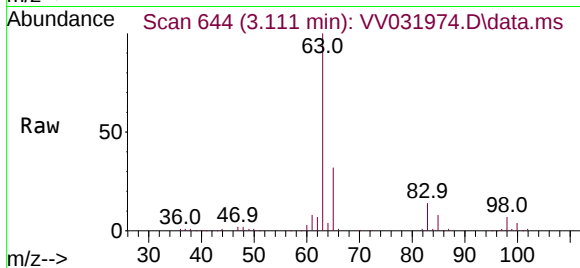
Tgt Ion: 63 Resp: 197766

Ion Ratio Lower Upper

63 100

65 31.9 22.4 41.6

83 13.5 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 47.171 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.000 min

Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

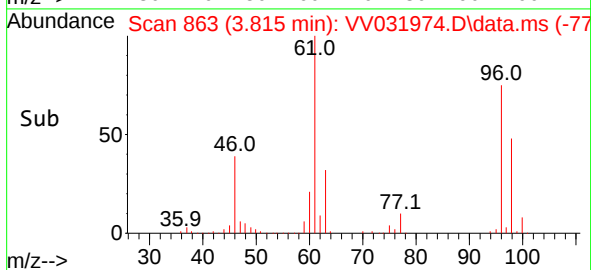
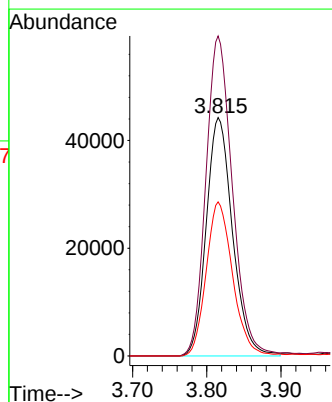
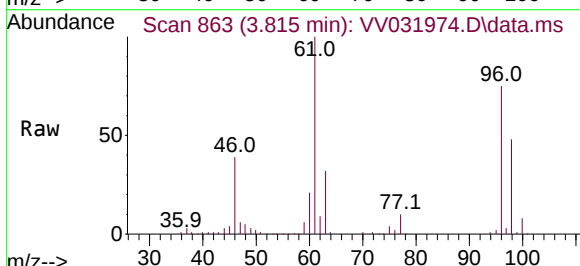
Tgt Ion: 96 Resp: 108905

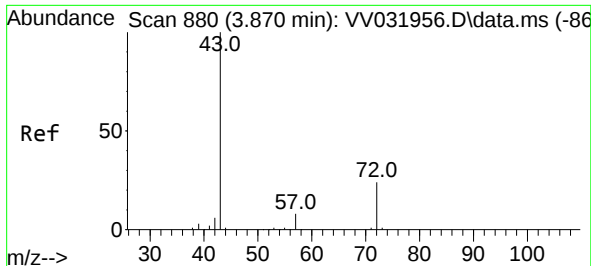
Ion Ratio Lower Upper

96 100

61 134.2 97.3 180.7

98 64.6 45.3 84.1

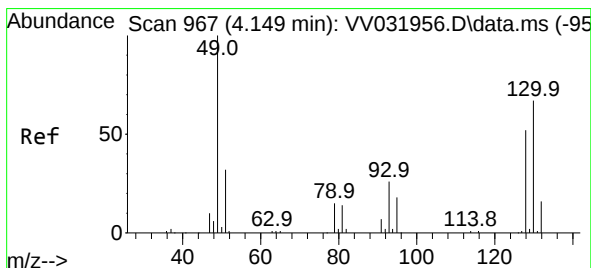
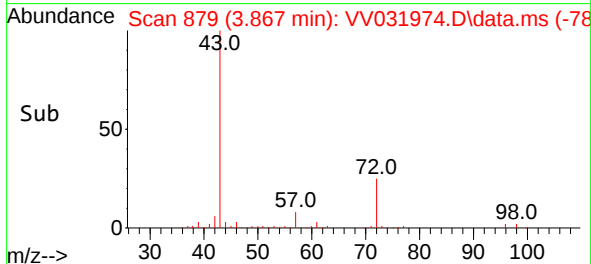
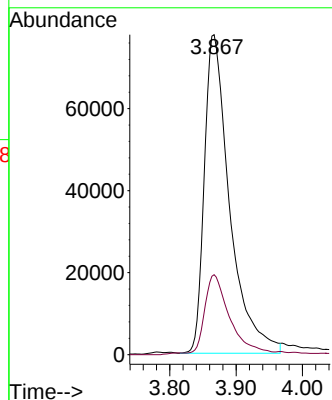
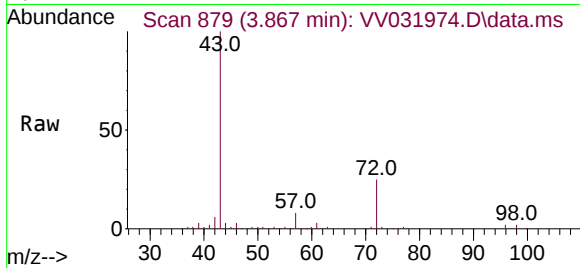




#22
2-Butanone
Concen: 111.066 ug/L
RT: 3.867 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV031974.D
Acq: 08 Sep 2023 09:40

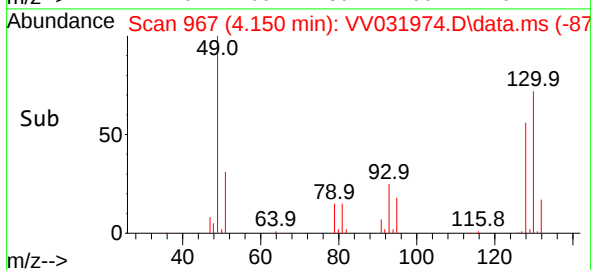
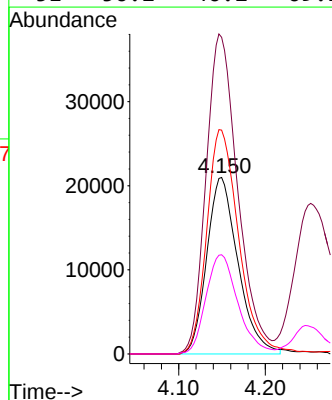
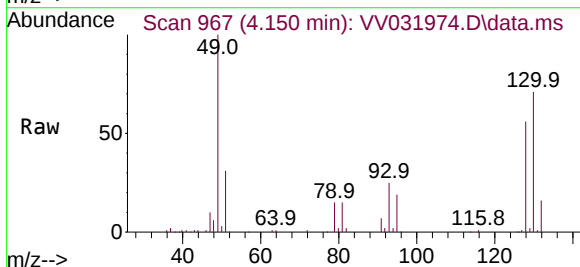
Instrument :
MSVOA_V
ClientSampleId :

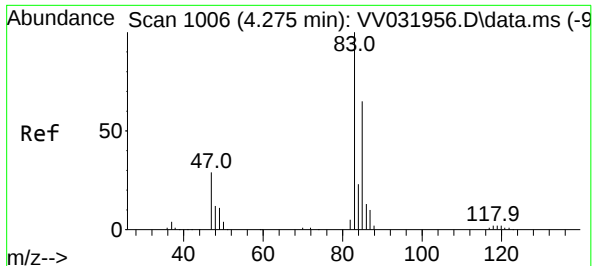
Tgt Ion: 43 Resp: 206206
Ion Ratio Lower Upper
43 100
72 23.9 12.6 37.8



#23
Bromochloromethane
Concen: 46.931 ug/L
RT: 4.150 min Scan# 967
Delta R.T. 0.000 min
Lab File: VV031974.D
Acq: 08 Sep 2023 09:40

Tgt Ion:128 Resp: 52567
Ion Ratio Lower Upper
128 100
49 179.5 127.8 237.4
130 126.8 90.1 167.3
51 56.2 46.2 69.2





#25

Chloroform

Concen: 45.762 ug/L

RT: 4.278 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

Instrument :

MSVOA_V

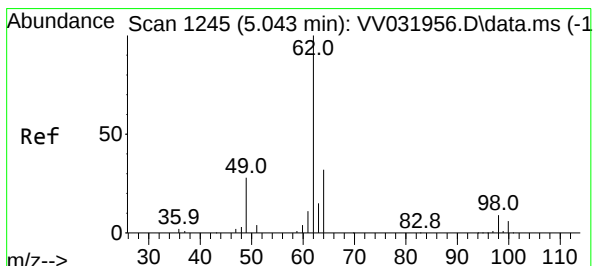
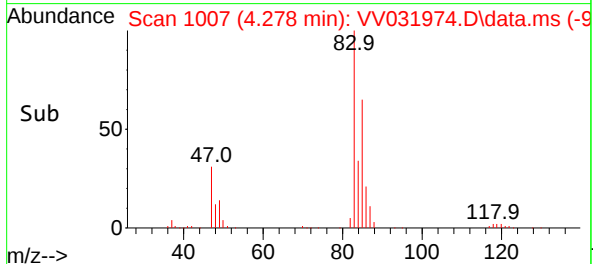
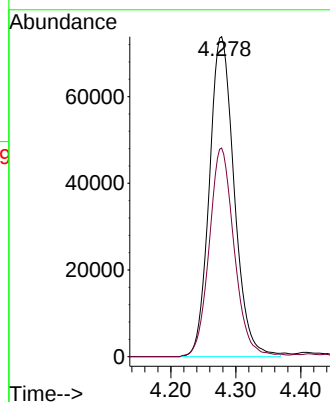
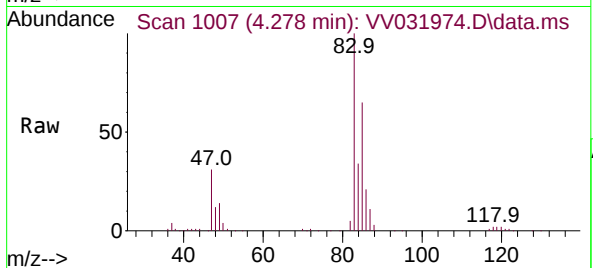
ClientSampleId :

Tgt Ion: 83 Resp: 196221

Ion Ratio Lower Upper

83 100

85 65.2 44.9 83.3



#27

1,2-Dichloroethane

Concen: 44.770 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.000 min

Lab File: VV031974.D

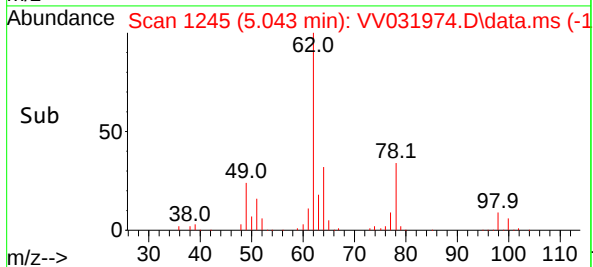
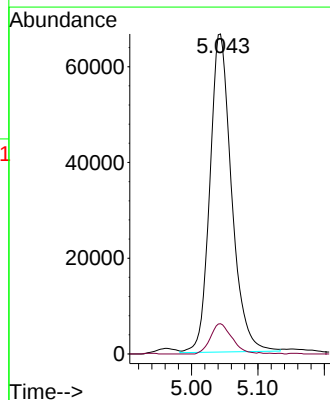
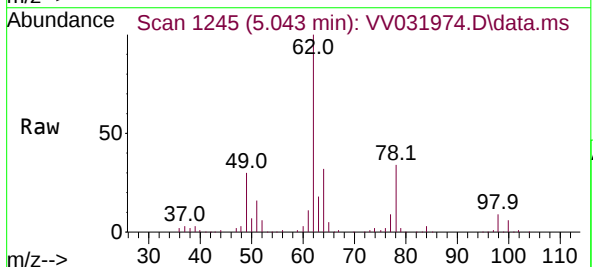
Acq: 08 Sep 2023 09:40

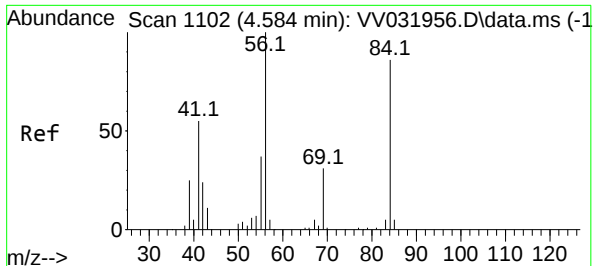
Tgt Ion: 62 Resp: 151234

Ion Ratio Lower Upper

62 100

98 9.5 7.0 10.4





#29

Cyclohexane

Concen: 48.381 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

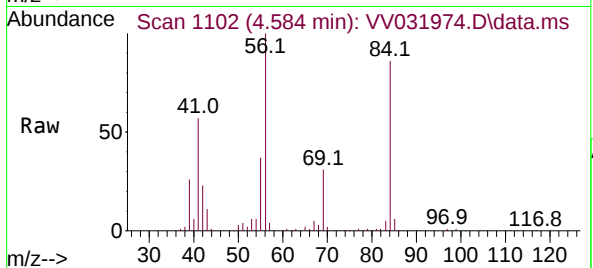
Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

Instrument :

MSVOA_V

ClientSampleId :



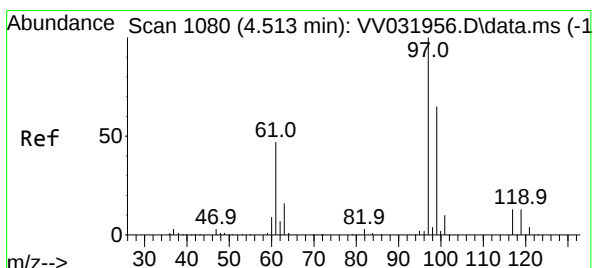
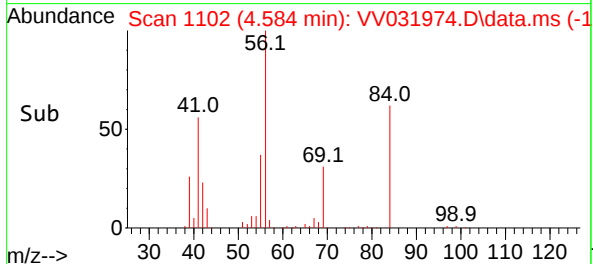
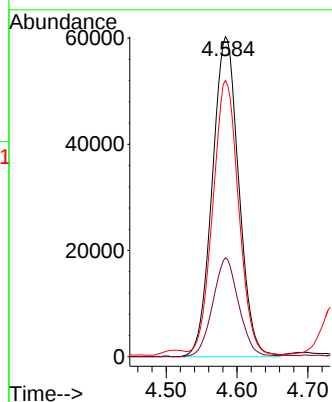
Tgt Ion: 56 Resp: 156283

Ion Ratio Lower Upper

56 100

69 30.3 24.2 36.4

84 83.8 67.5 101.3



#30

1,1,1-Trichloroethane

Concen: 45.588 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.003 min

Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

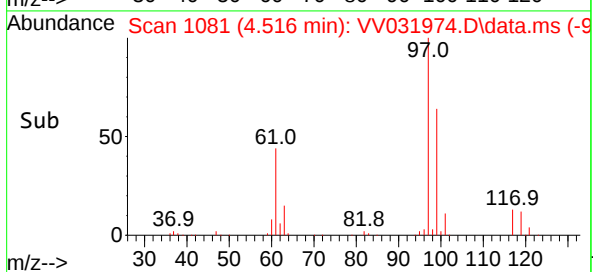
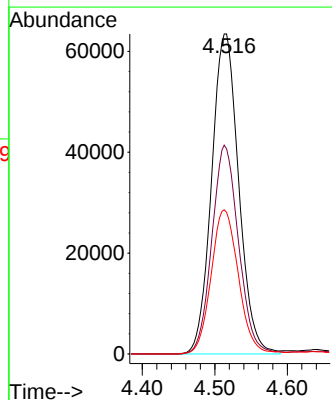
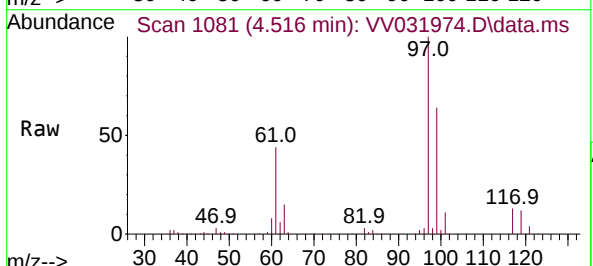
Tgt Ion: 97 Resp: 164972

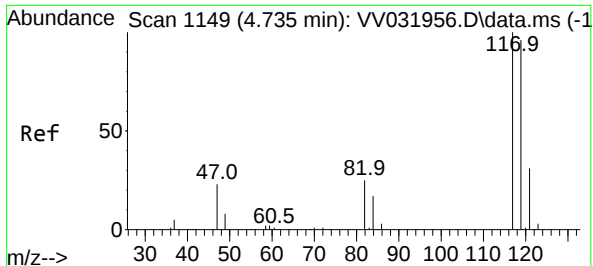
Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.4

61 45.2 36.5 54.7

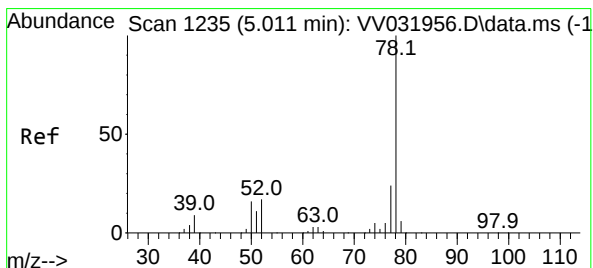
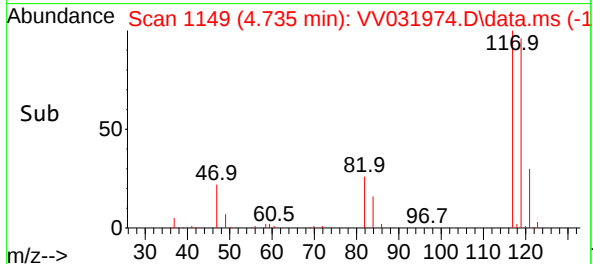
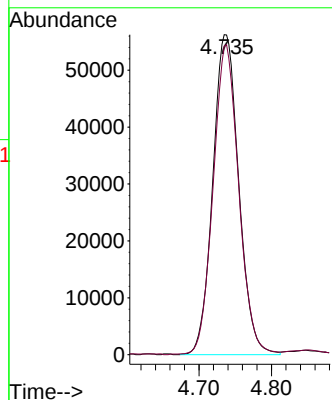
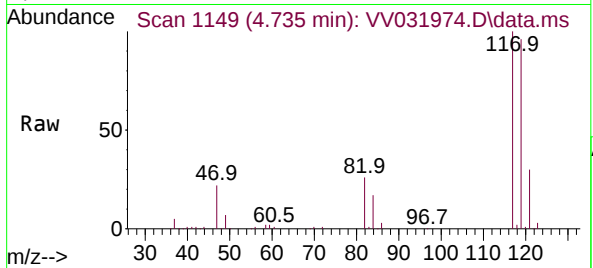




#31
Carbon tetrachloride
Concen: 45.490 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV031974.D
Acq: 08 Sep 2023 09:40

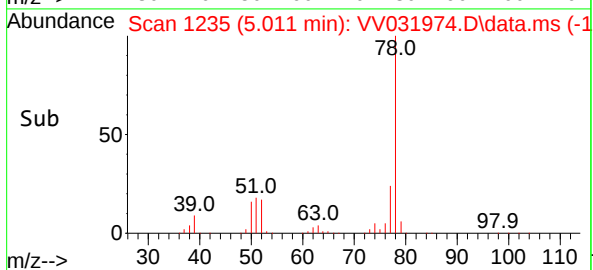
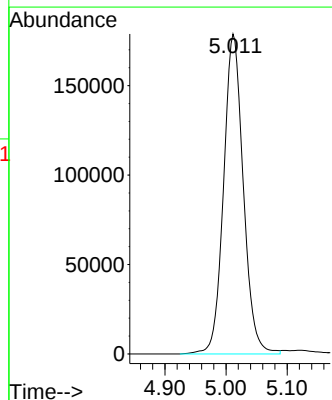
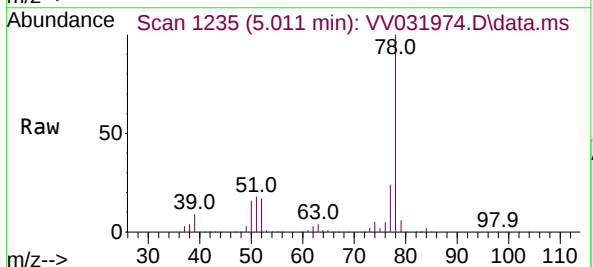
Instrument :
MSVOA_V
ClientSampleId :

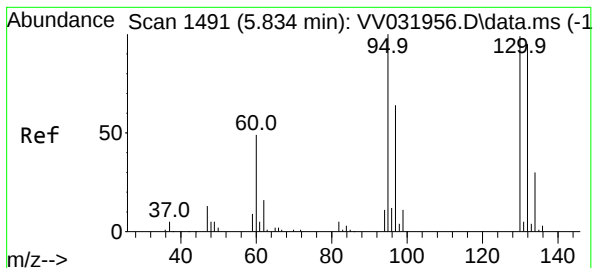
Tgt Ion:117 Resp: 139781
Ion Ratio Lower Upper
117 100
119 95.1 75.4 113.2



#33
Benzene
Concen: 48.127 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV031974.D
Acq: 08 Sep 2023 09:40

Tgt Ion: 78 Resp: 401188





#34

Trichloroethene

Concen: 43.484 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 110858

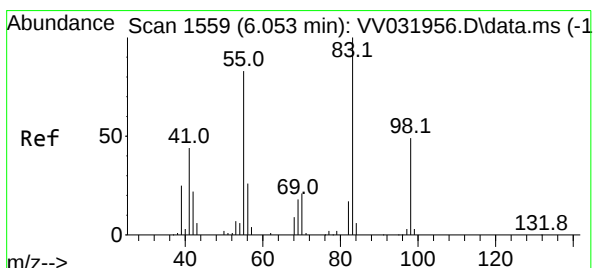
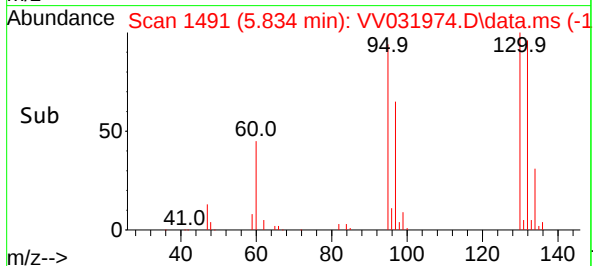
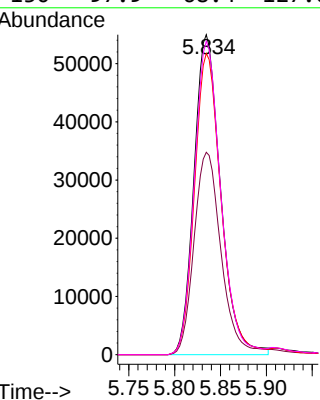
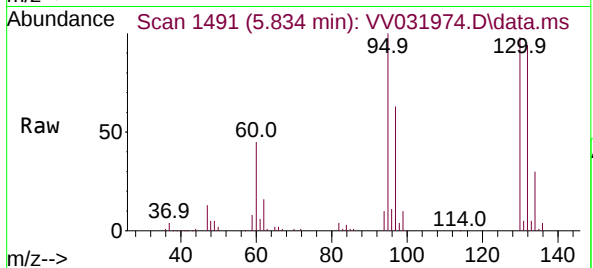
Ion Ratio Lower Upper

95 100

97 63.3 45.4 84.2

132 94.1 65.4 121.4

130 97.9 68.4 127.0



#35

Methylcyclohexane

Concen: 45.458 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.003 min

Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

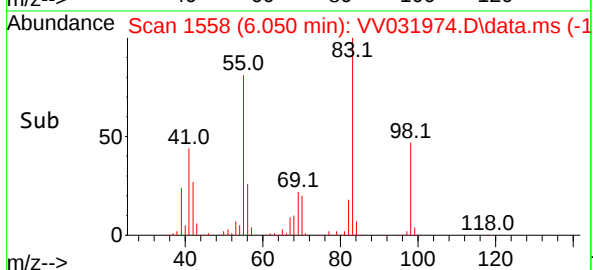
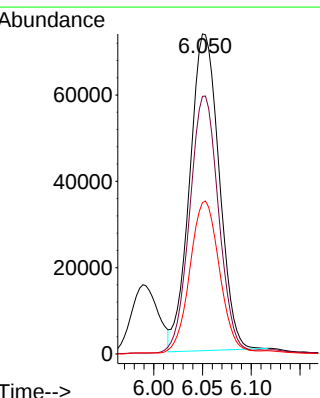
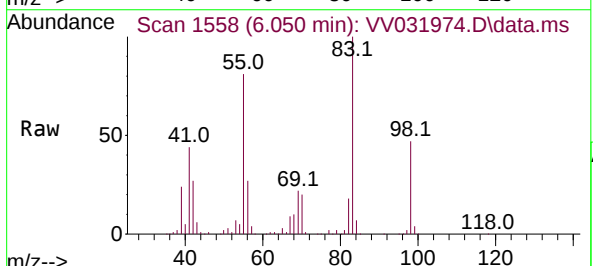
Tgt Ion: 83 Resp: 154148

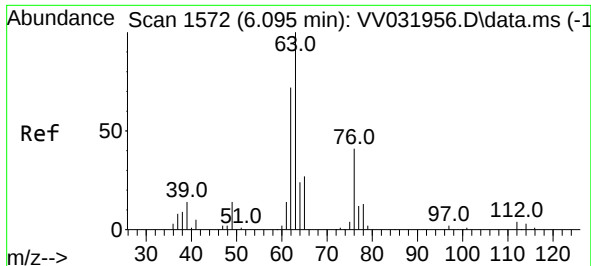
Ion Ratio Lower Upper

83 100

55 80.1 62.2 93.2

98 48.2 36.7 55.1





#37

1,2-Dichloropropane

Concen: 48.009 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

Instrument :

MSVOA_V

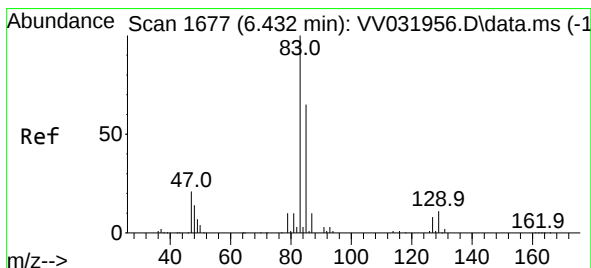
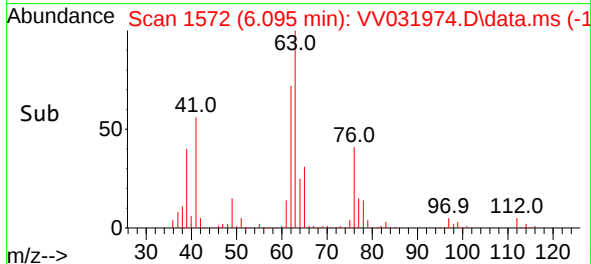
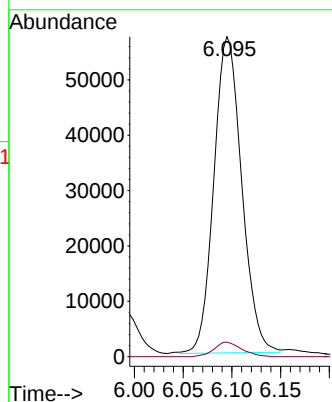
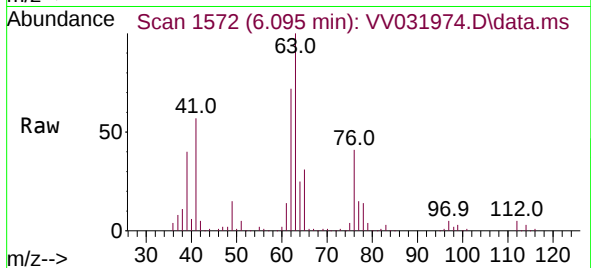
ClientSampleId :

Tgt Ion: 63 Resp: 113435

Ion Ratio Lower Upper

63 100

112 4.6 3.5 5.3



#38

Bromodichloromethane

Concen: 46.527 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

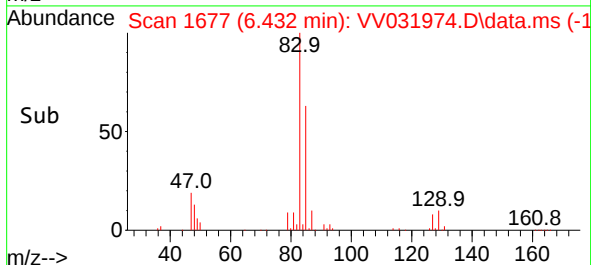
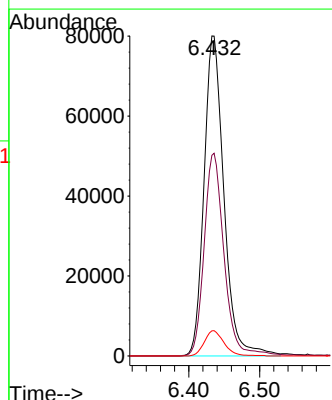
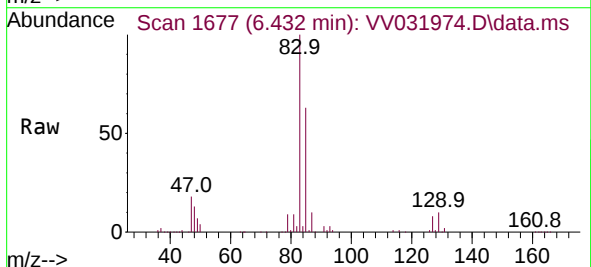
Tgt Ion: 83 Resp: 156043

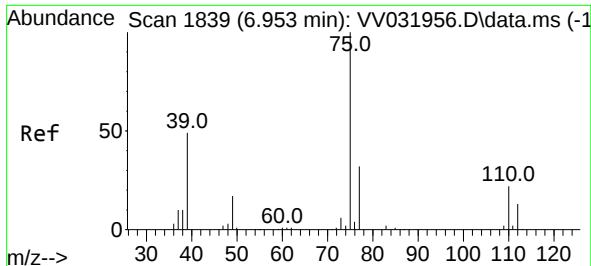
Ion Ratio Lower Upper

83 100

85 62.7 45.2 84.0

127 7.8 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 46.248 ug/L

RT: 6.957 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

Instrument :

MSVOA_V

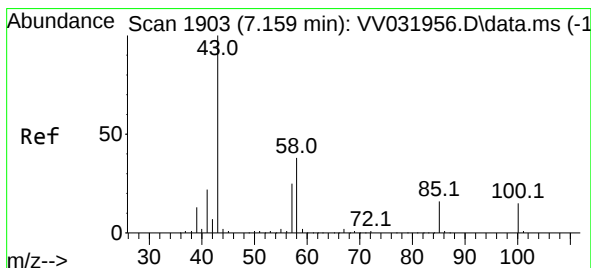
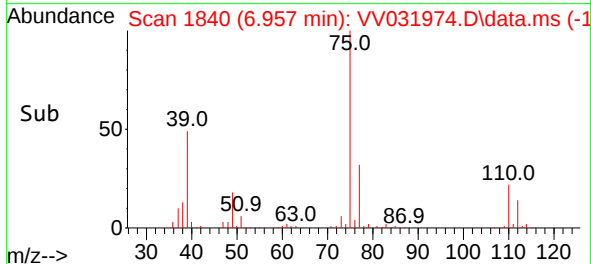
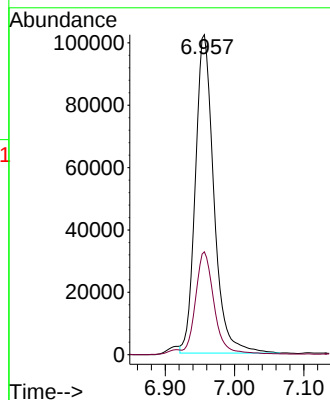
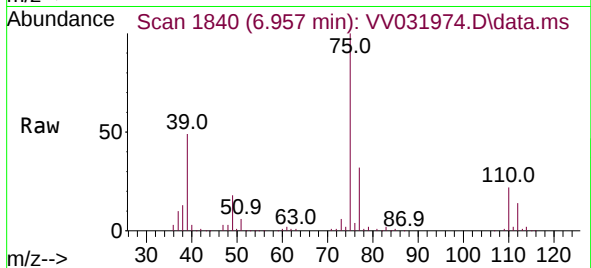
ClientSampleId :

Tgt Ion: 75 Resp: 189984

Ion Ratio Lower Upper

75 100

77 32.1 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 101.125 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

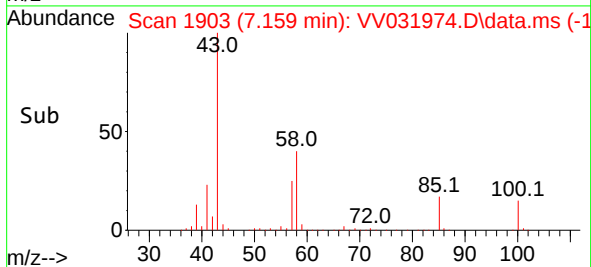
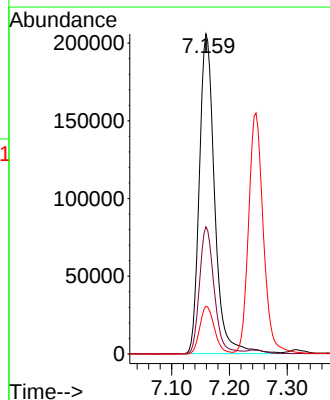
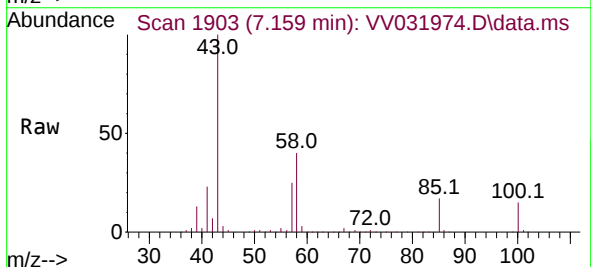
Tgt Ion: 43 Resp: 379242

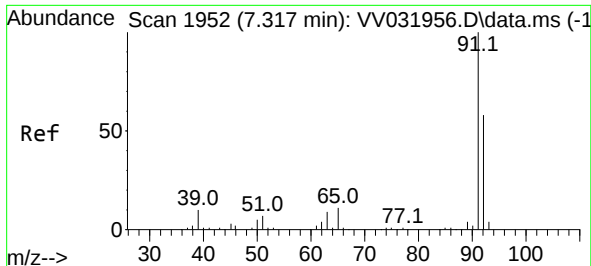
Ion Ratio Lower Upper

43 100

58 38.3 31.1 46.7

100 14.3 11.9 17.9





#42

Toluene

Concen: 47.128 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

Instrument :

MSVOA_V

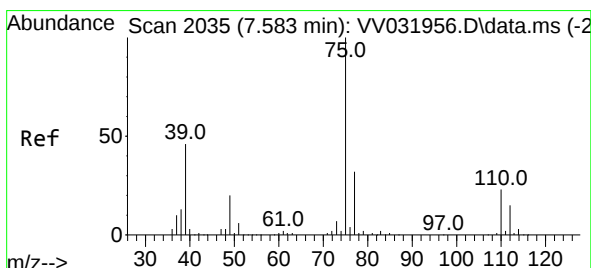
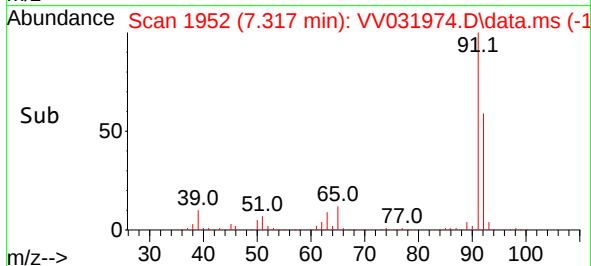
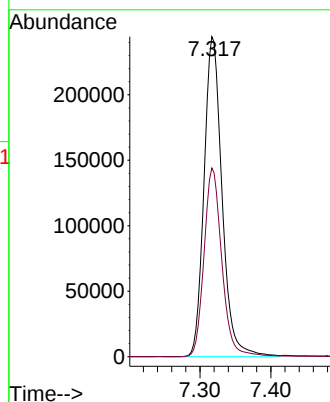
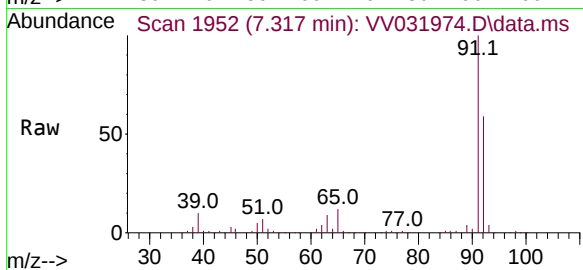
ClientSampleId :

Tgt Ion: 91 Resp: 432154

Ion Ratio Lower Upper

91 100

92 59.0 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 46.321 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV031974.D

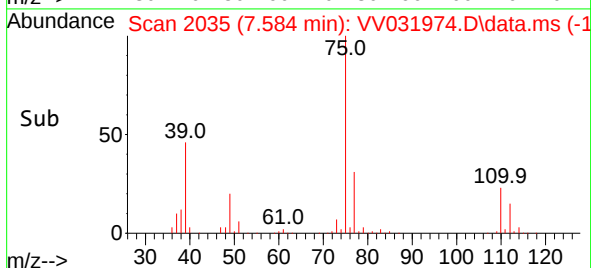
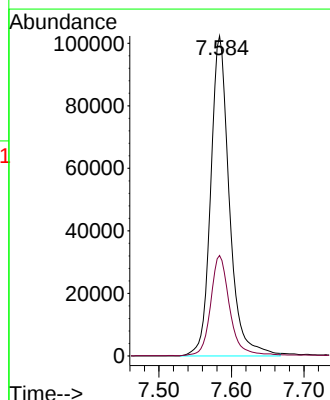
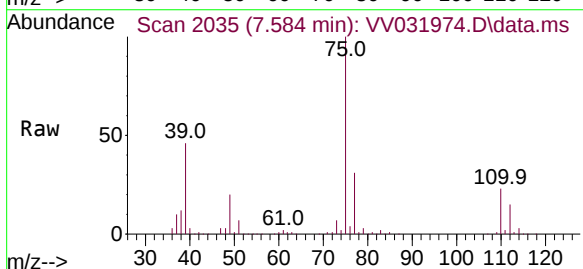
Acq: 08 Sep 2023 09:40

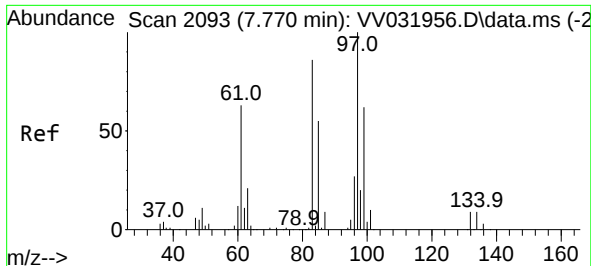
Tgt Ion: 75 Resp: 182829

Ion Ratio Lower Upper

75 100

77 31.4 22.5 41.9

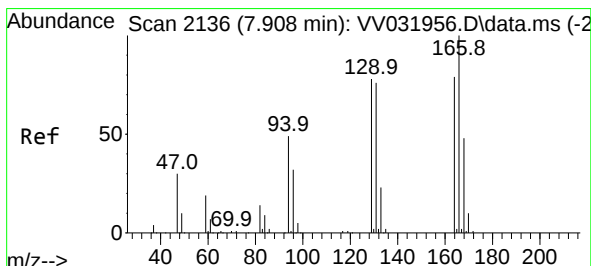
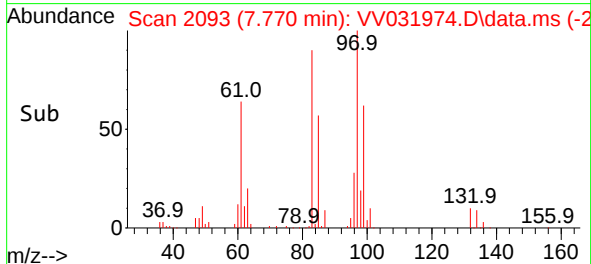
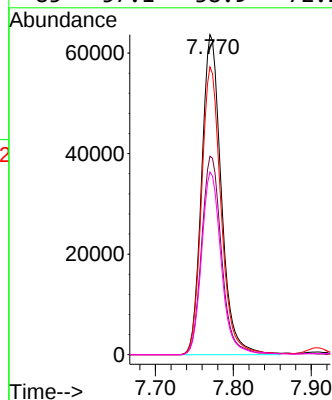
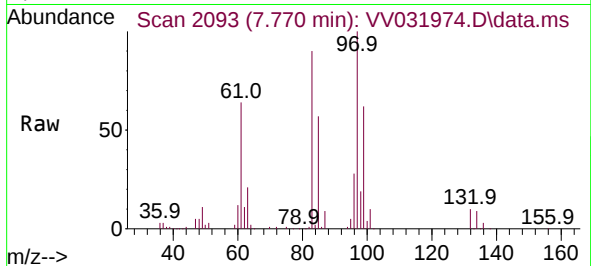




#45
1,1,2-Trichloroethane
Concen: 46.813 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV031974.D
Acq: 08 Sep 2023 09:40

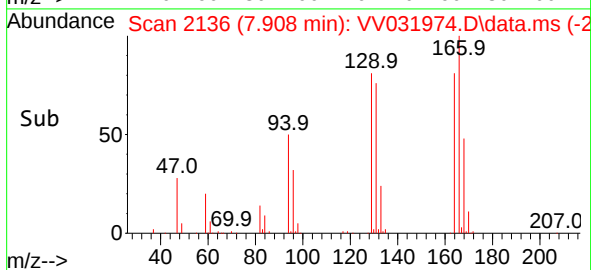
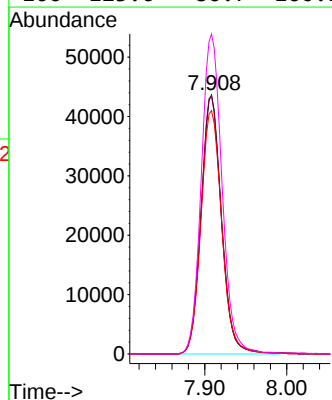
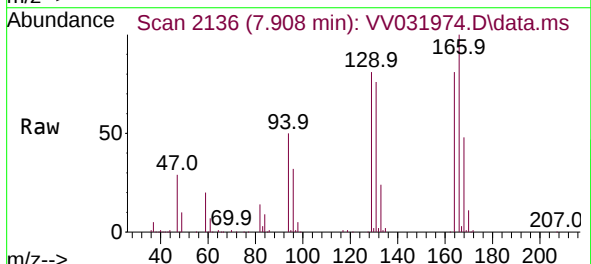
Instrument :
MSVOA_V
ClientSampleId :

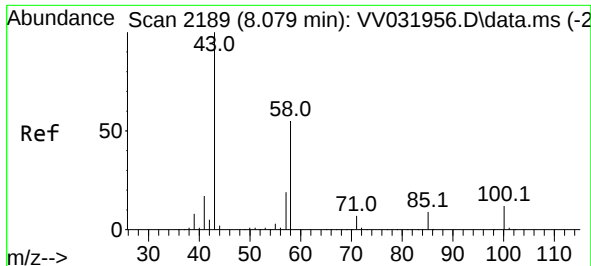
Tgt Ion:	97	Resp:	111747
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.0	79.8
83	89.9	61.2	113.6
85	57.1	38.9	72.2



#46
Tetrachloroethene
Concen: 47.111 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV031974.D
Acq: 08 Sep 2023 09:40

Tgt Ion:	164	Resp:	75415
Ion	Ratio	Lower	Upper
164	100		
129	99.8	68.3	126.9
131	94.0	64.9	120.5
166	123.6	86.7	160.9

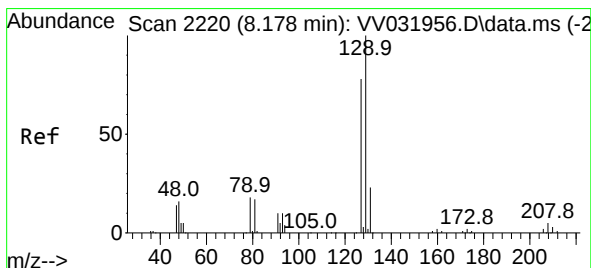
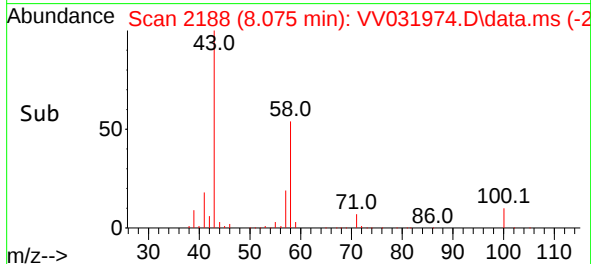
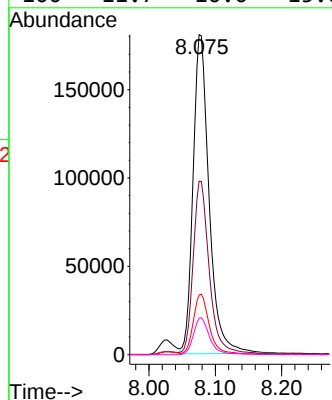
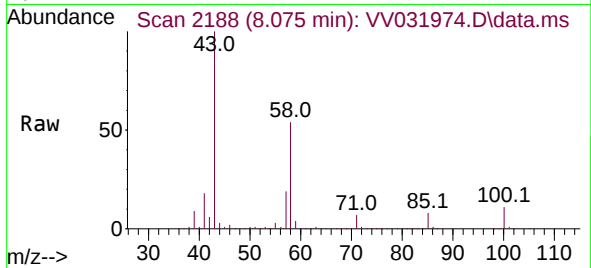




#48
2-Hexanone
Concen: 106.383 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV031974.D
Acq: 08 Sep 2023 09:40

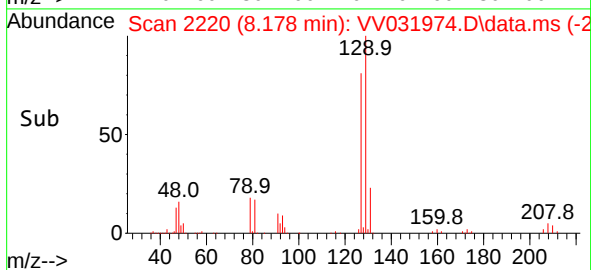
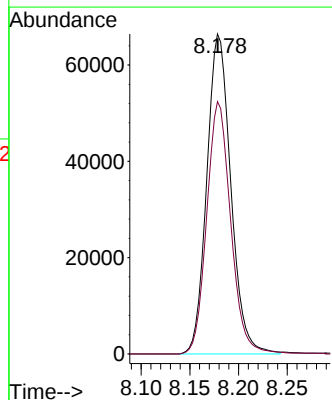
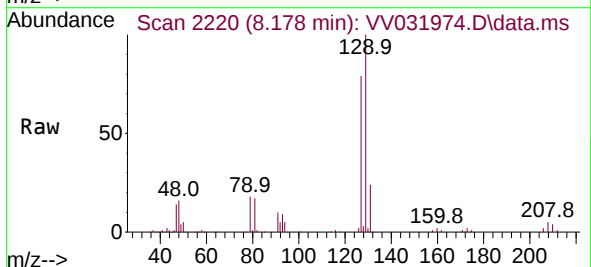
Instrument :
MSVOA_V
ClientSampleId :

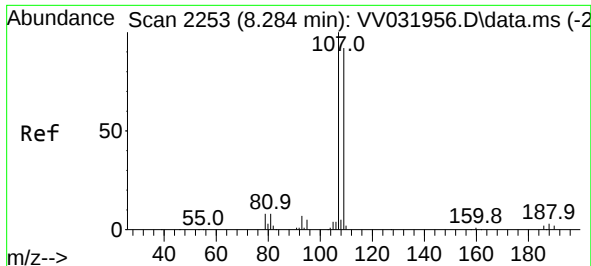
Tgt Ion: 43 Resp: 304674
Ion Ratio Lower Upper
43 100
58 53.8 44.0 66.0
57 18.6 15.9 23.9
100 11.7 10.0 15.0



#49
Dibromochloromethane
Concen: 46.498 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV031974.D
Acq: 08 Sep 2023 09:40

Tgt Ion: 129 Resp: 114058
Ion Ratio Lower Upper
129 100
127 78.8 54.7 101.7





#50

1,2-Dibromoethane

Concen: 46.516 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.000 min

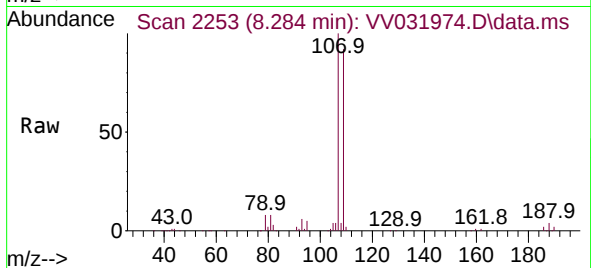
Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

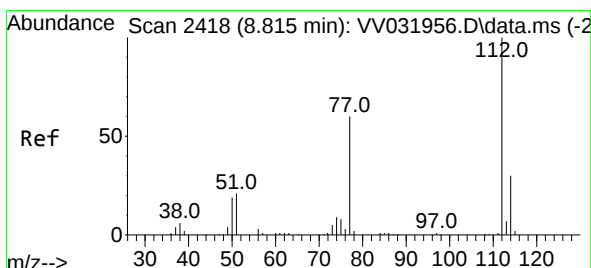
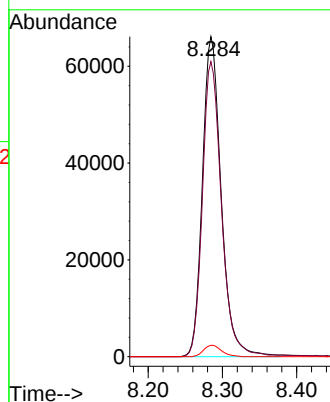
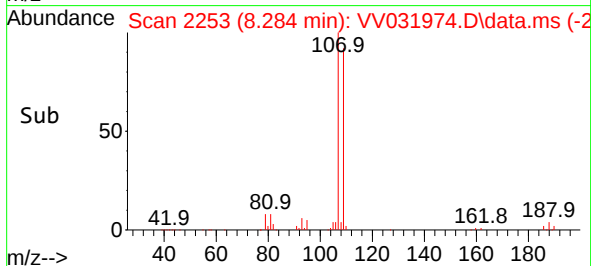
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	116301
Ion	Ratio	Lower	Upper
107	100		
109	92.2	65.4	121.4
188	3.5	2.8	4.2



#51

Chlorobenzene

Concen: 47.558 ug/L

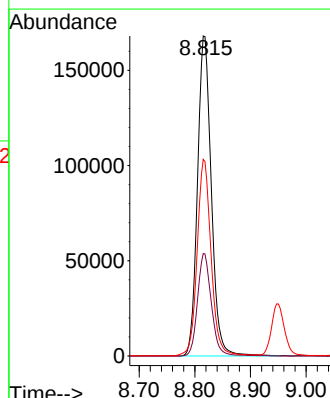
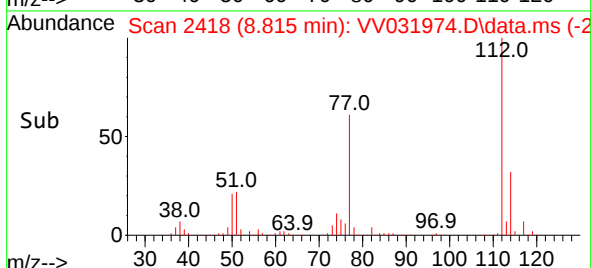
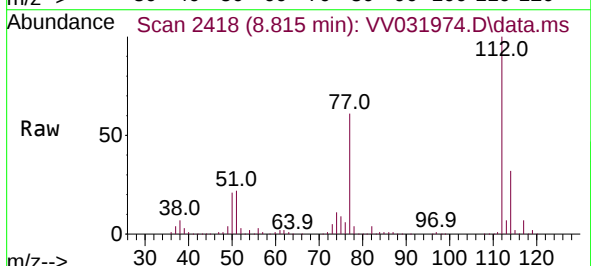
RT: 8.815 min Scan# 2418

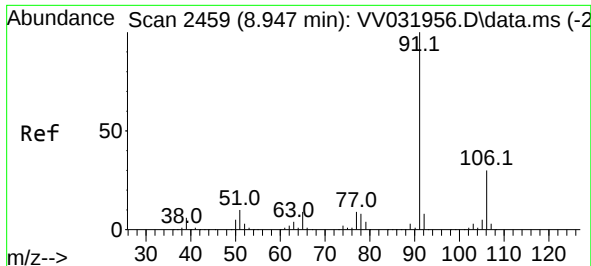
Delta R.T. 0.000 min

Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

Tgt Ion:	112	Resp:	289771
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.0	40.8
77	61.5	49.4	74.0





#52

Ethylbenzene

Concen: 46.419 ug/L

RT: 8.950 min Scan# 2459

Delta R.T. 0.003 min

Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

Instrument :

MSVOA_V

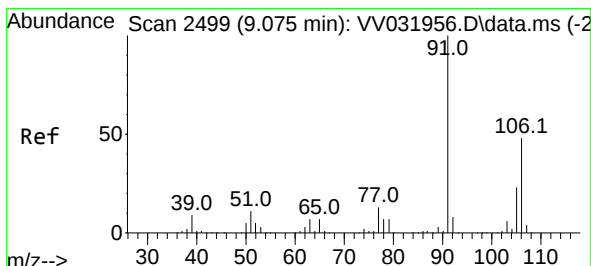
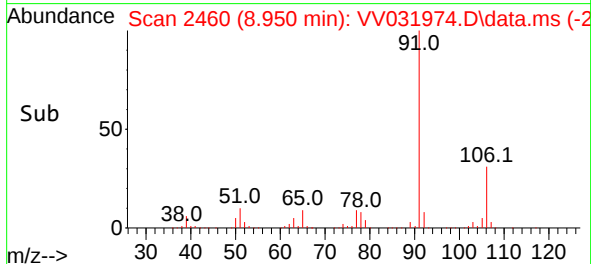
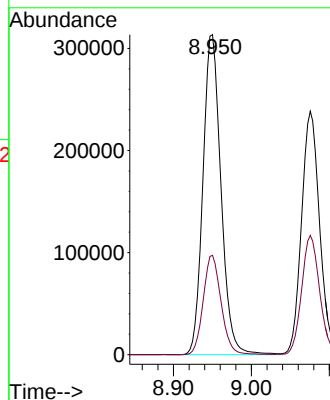
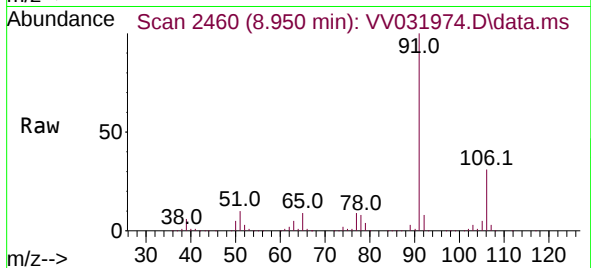
ClientSampleId :

Tgt Ion: 91 Resp: 504208

Ion Ratio Lower Upper

91 100

106 31.1 21.5 39.9



#53

m,p-Xylene

Concen: 46.366 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.000 min

Lab File: VV031974.D

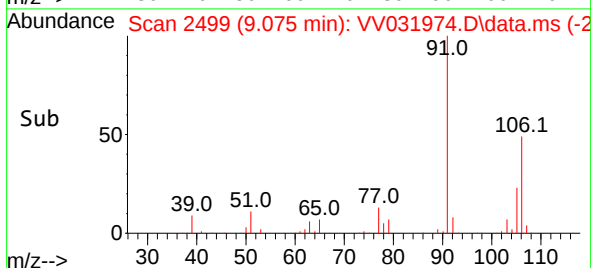
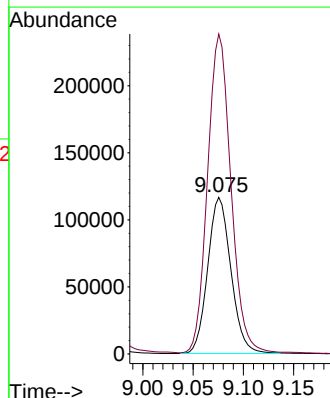
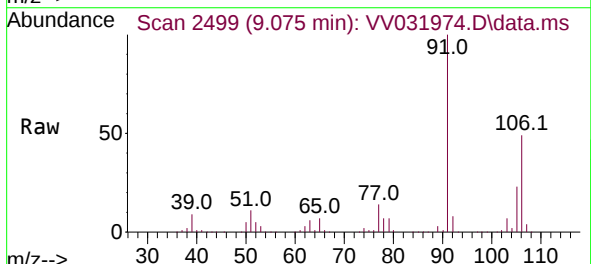
Acq: 08 Sep 2023 09:40

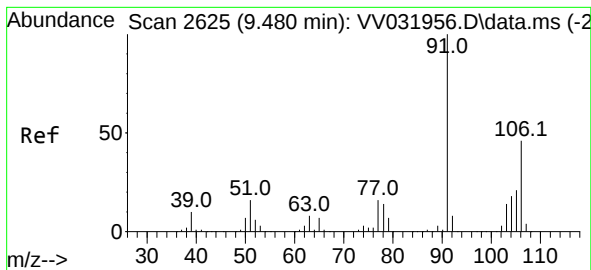
Tgt Ion: 106 Resp: 186995

Ion Ratio Lower Upper

106 100

91 204.3 147.0 273.0





#54

o-Xylene

Concen: 46.725 ug/L

RT: 9.481 min Scan# 2625

Delta R.T. 0.000 min

Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

Instrument :

MSVOA_V

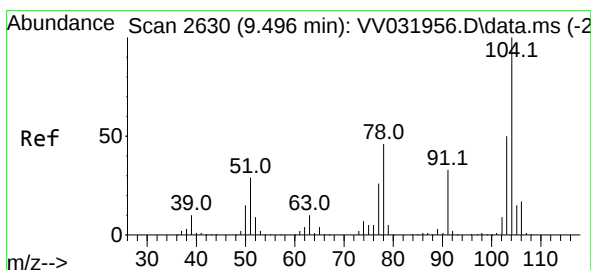
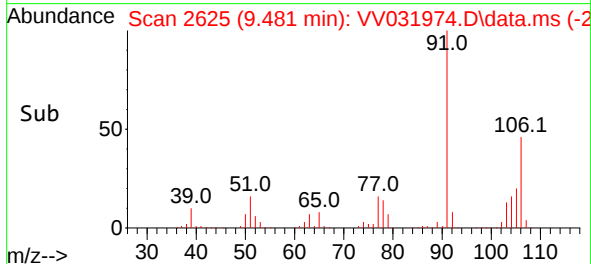
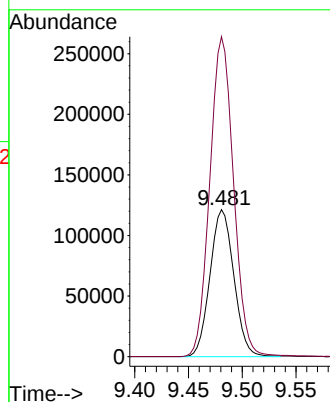
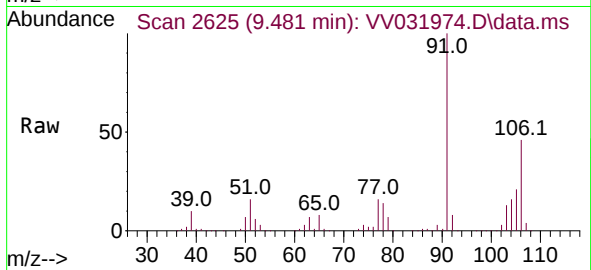
ClientSampleId :

Tgt Ion:106 Resp: 187422

Ion Ratio Lower Upper

106 100

91 217.5 154.3 286.5



#55

Styrene

Concen: 46.299 ug/L

RT: 9.497 min Scan# 2630

Delta R.T. 0.000 min

Lab File: VV031974.D

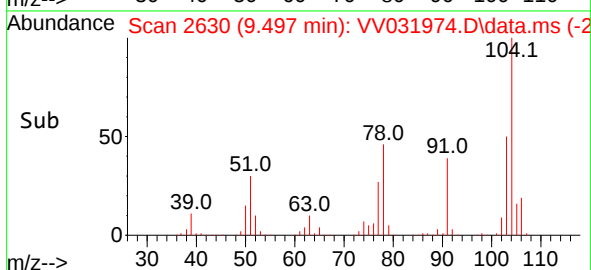
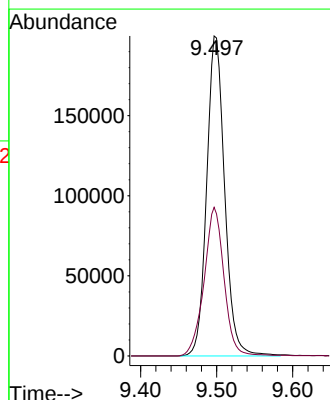
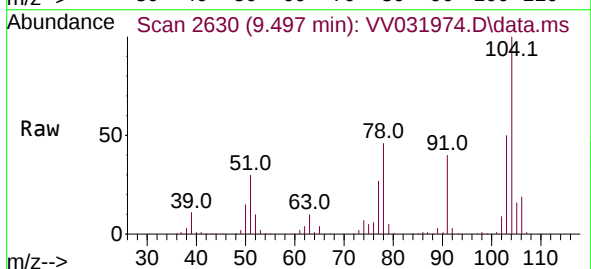
Acq: 08 Sep 2023 09:40

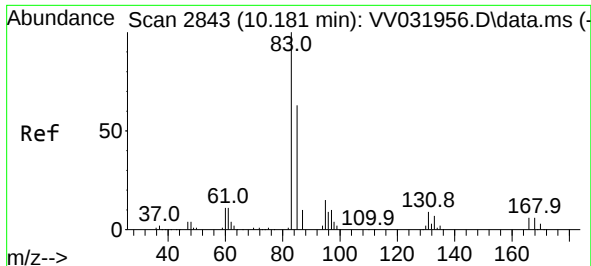
Tgt Ion:104 Resp: 328306

Ion Ratio Lower Upper

104 100

78 46.4 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 52.828 ug/L

RT: 10.182 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

Instrument :

MSVOA_V

ClientSampleId :

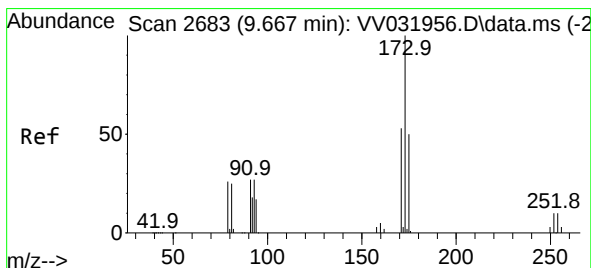
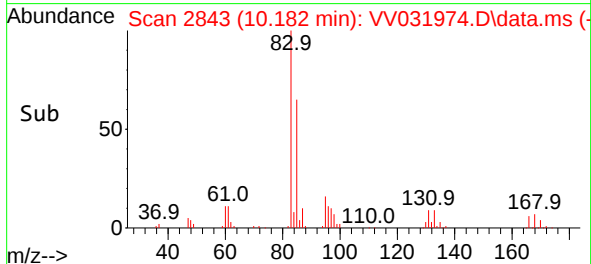
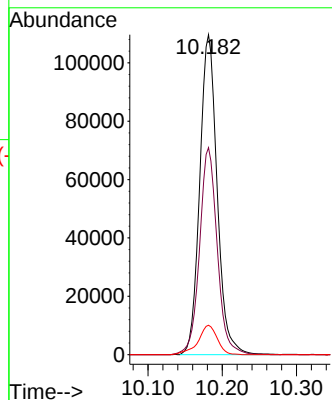
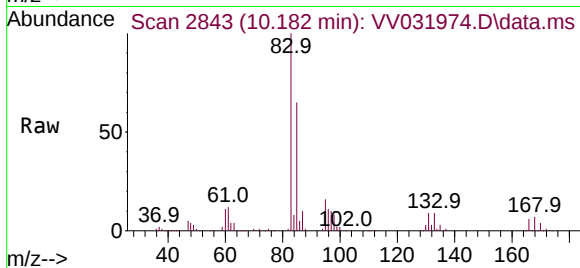
Tgt Ion: 83 Resp: 178517

Ion Ratio Lower Upper

83 100

85 64.7 45.1 83.9

131 9.2 7.4 11.2



#59

Bromoform

Concen: 47.428 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.000 min

Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

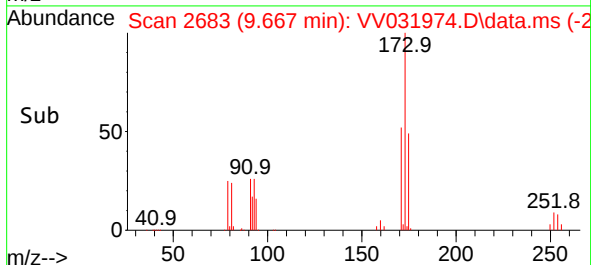
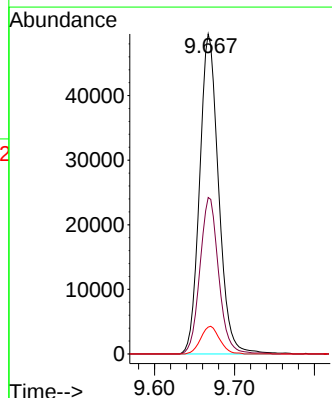
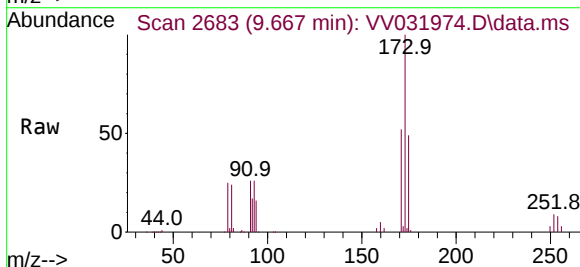
Tgt Ion: 173 Resp: 81806

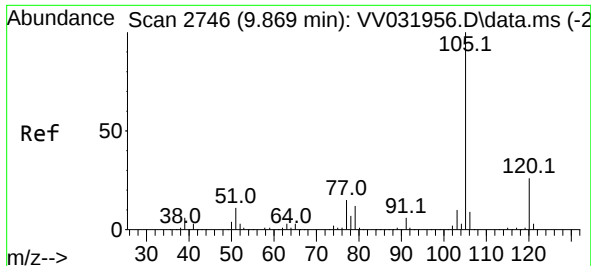
Ion Ratio Lower Upper

173 100

175 48.0 38.3 57.5

254 8.6 6.9 10.3

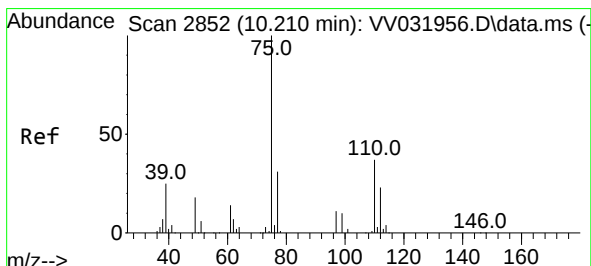
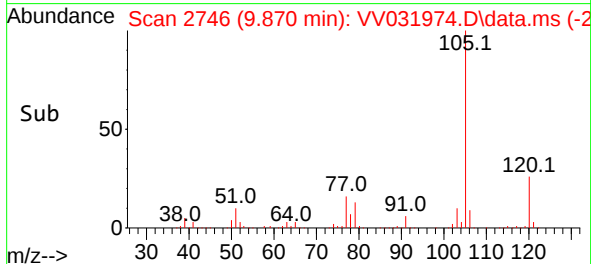
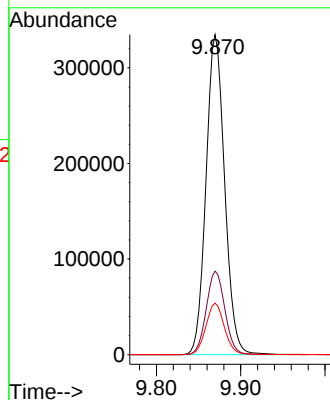
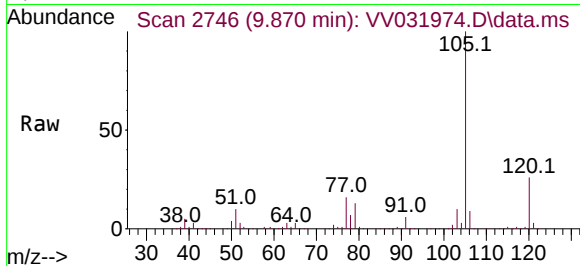




#60
Isopropylbenzene
Concen: 46.276 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031974.D
Acq: 08 Sep 2023 09:40

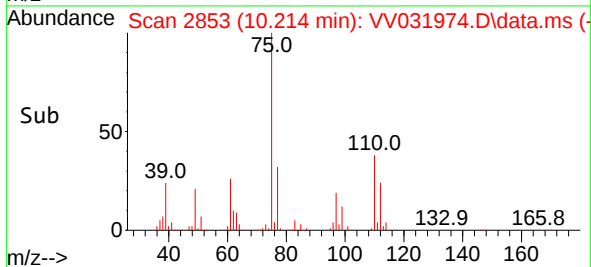
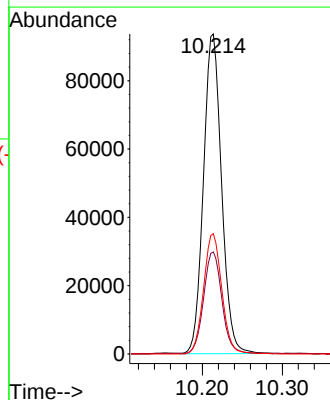
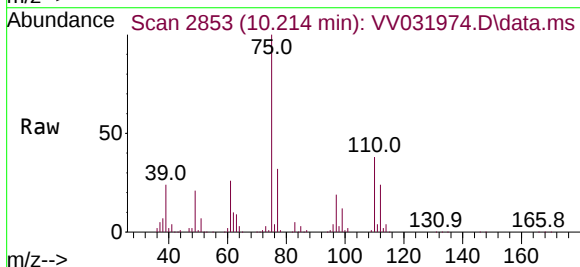
Instrument :
MSVOA_V
ClientSampleId :

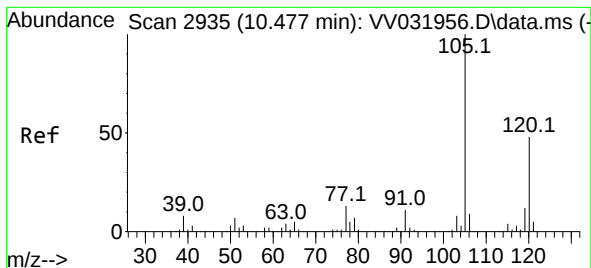
Tgt Ion:105 Resp: 515547
Ion Ratio Lower Upper
105 100
120 26.1 20.6 31.0
77 15.9 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 47.073 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.003 min
Lab File: VV031974.D
Acq: 08 Sep 2023 09:40

Tgt Ion: 75 Resp: 147928
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
110 37.8 30.3 45.5





#62

1,3,5-Trimethylbenzene

Concen: 45.710 ug/L

RT: 10.481 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

Instrument :

MSVOA_V

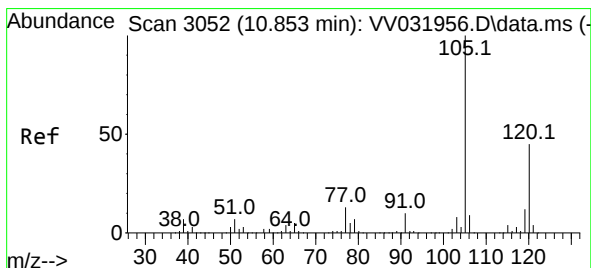
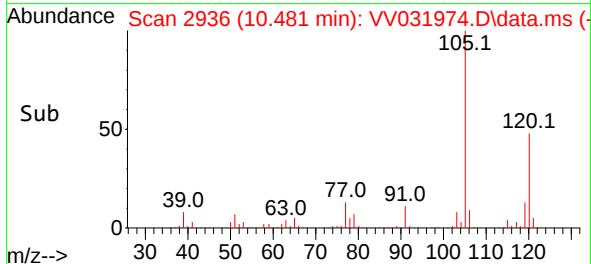
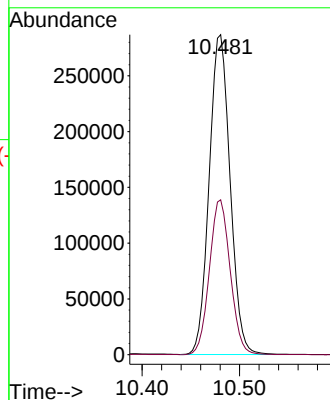
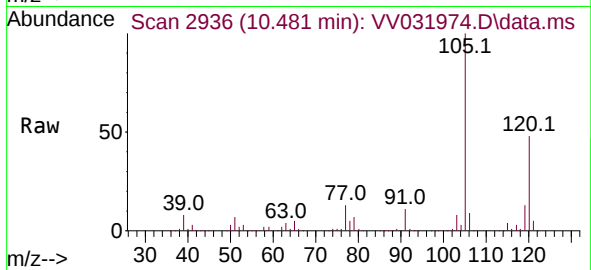
ClientSampleId :

Tgt Ion:105 Resp: 428433

Ion Ratio Lower Upper

105 100

120 48.2 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 45.994 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV031974.D

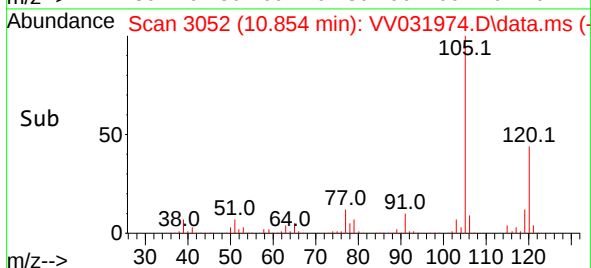
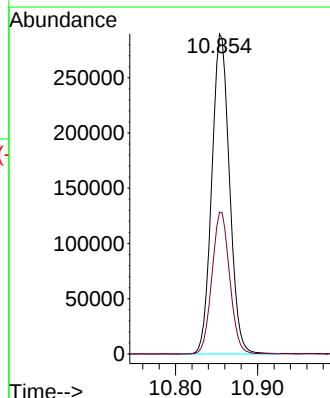
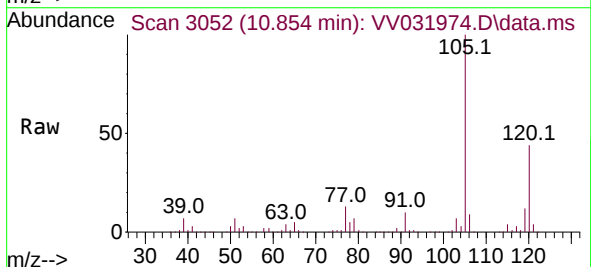
Acq: 08 Sep 2023 09:40

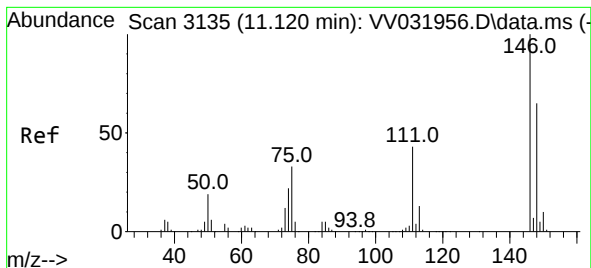
Tgt Ion:105 Resp: 433669

Ion Ratio Lower Upper

105 100

120 44.5 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 46.757 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

Instrument :

MSVOA_V

ClientSampleId :

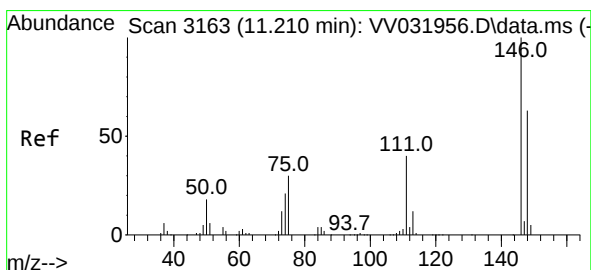
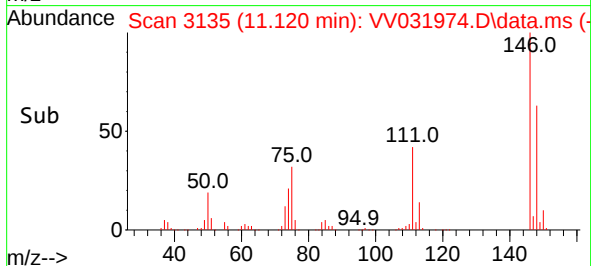
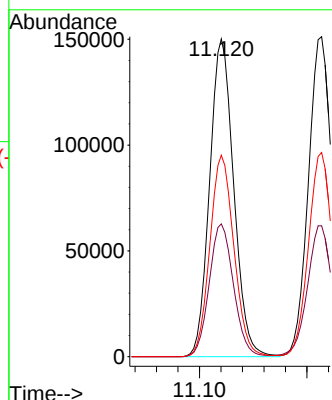
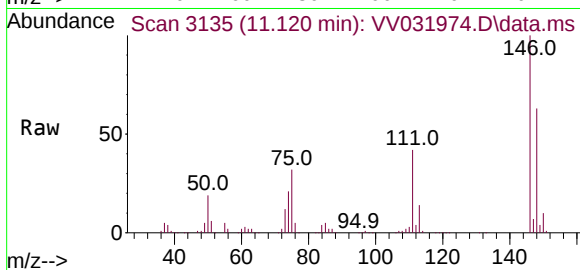
Tgt Ion:146 Resp: 233453

Ion Ratio Lower Upper

146 100

111 41.8 30.2 56.0

148 63.4 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 46.571 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

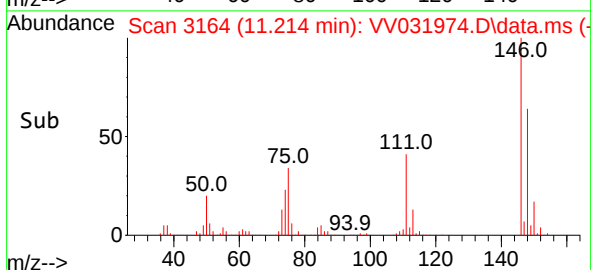
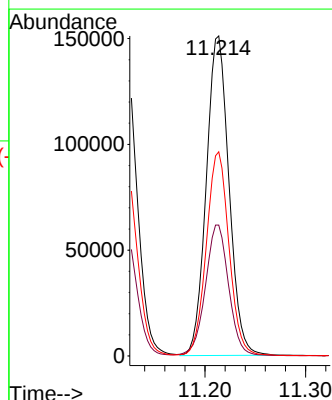
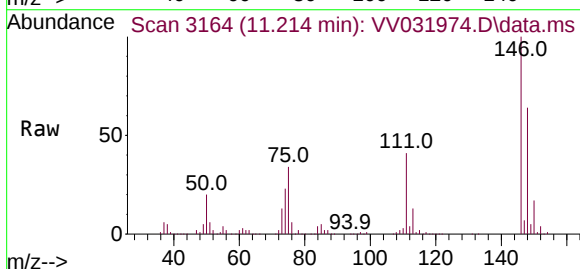
Tgt Ion:146 Resp: 236441

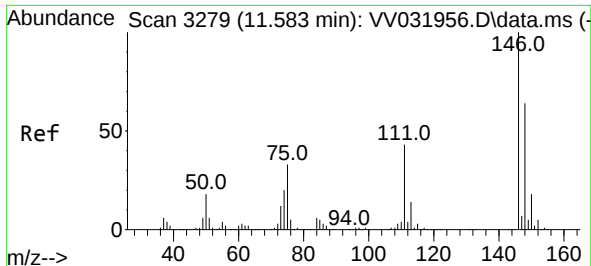
Ion Ratio Lower Upper

146 100

111 40.9 28.5 52.9

148 63.8 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 46.954 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

Instrument :

MSVOA_V

ClientSampleId :

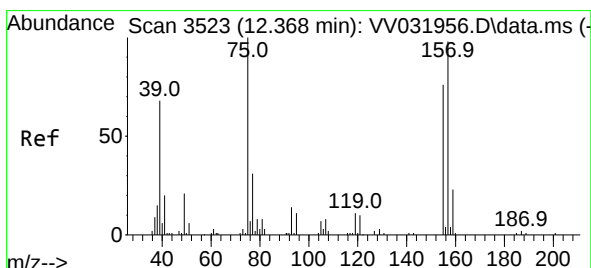
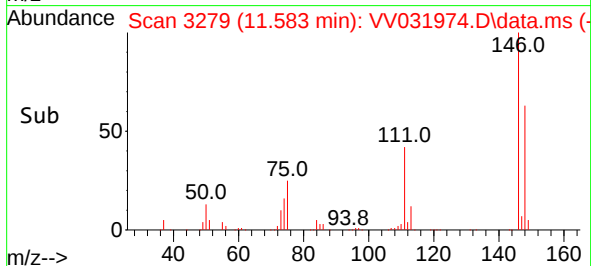
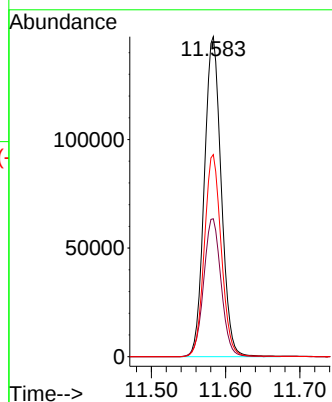
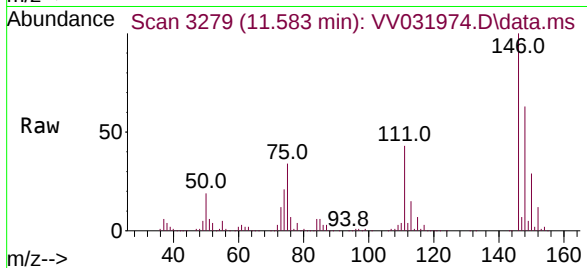
Tgt Ion:146 Resp: 232307

Ion Ratio Lower Upper

146 100

111 43.1 35.8 53.6

148 63.1 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 47.045 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

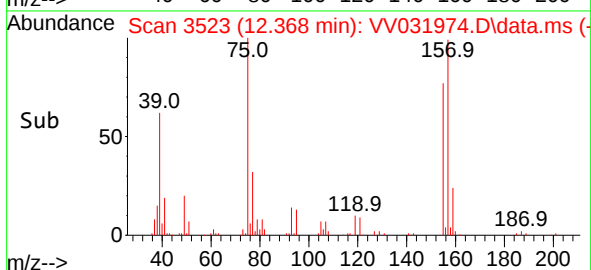
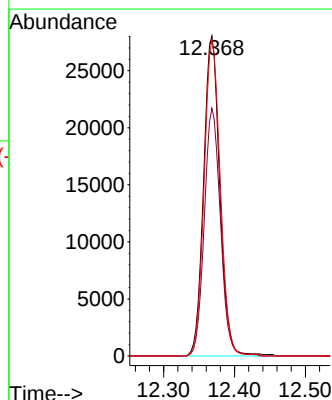
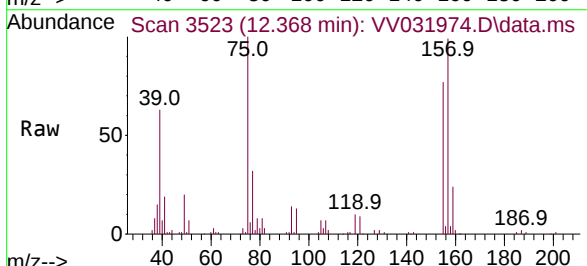
Tgt Ion: 75 Resp: 44407

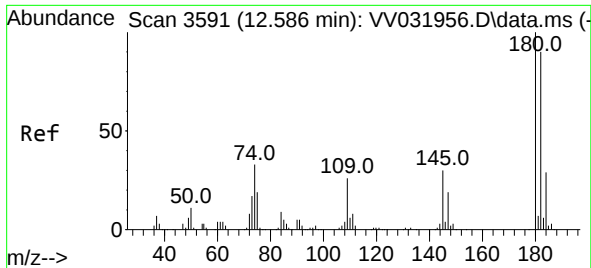
Ion Ratio Lower Upper

75 100

155 77.4 60.1 90.1

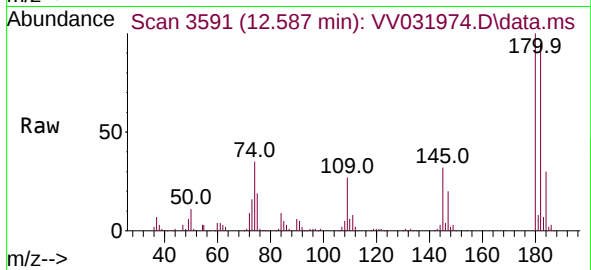
157 98.7 77.3 115.9



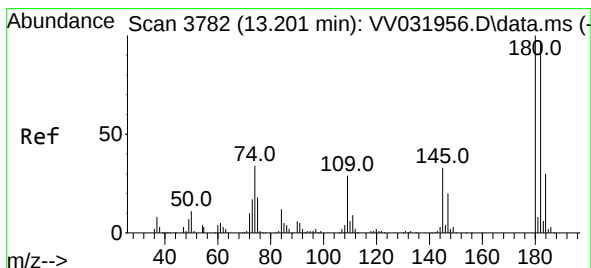
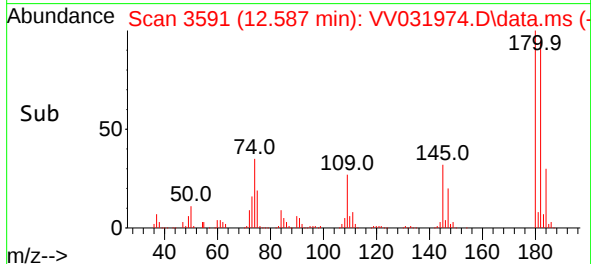
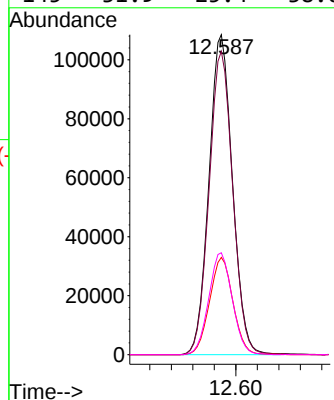


#69
 1,3,5-Trichlorobenzene
 Concen: 45.218 ug/L
 RT: 12.587 min Scan# 3591
 Delta R.T. 0.000 min
 Lab File: VV031974.D
 Acq: 08 Sep 2023 09:40

Instrument :
 MSVOA_V
 ClientSampleId :

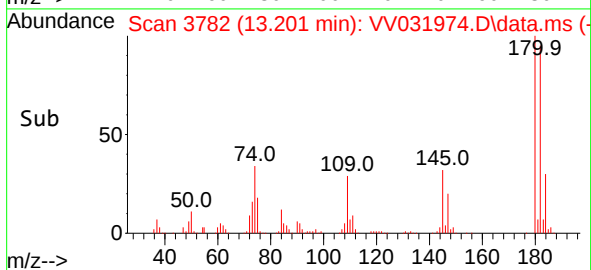
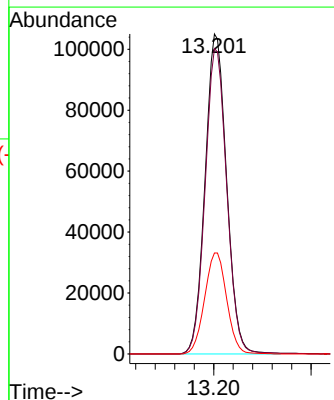
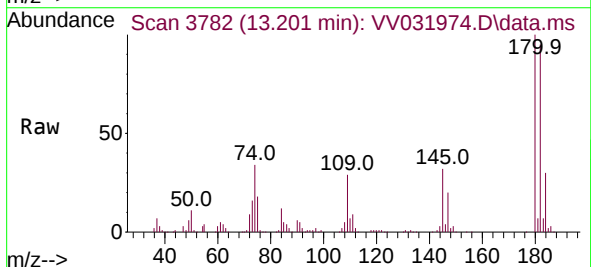


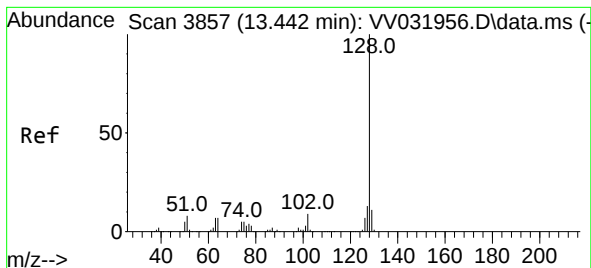
Tgt Ion:180 Resp: 164585
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.4 113.2
 184 30.3 23.7 35.5
 145 31.9 25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 46.153 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.000 min
 Lab File: VV031974.D
 Acq: 08 Sep 2023 09:40

Tgt Ion:180 Resp: 161251
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.4 113.2
 145 32.3 26.0 39.0





#71

Naphthalene

Concen: 45.815 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.000 min

Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

Instrument :

MSVOA_V

ClientSampleId :

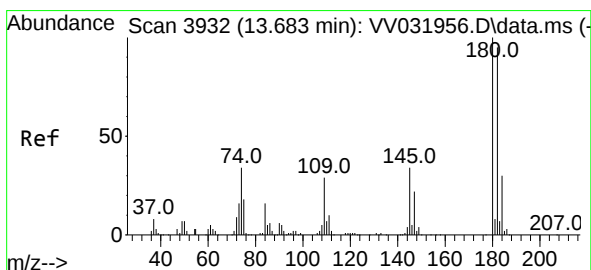
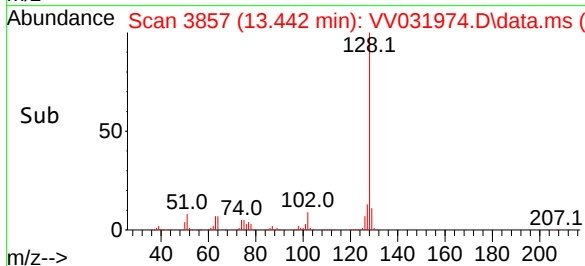
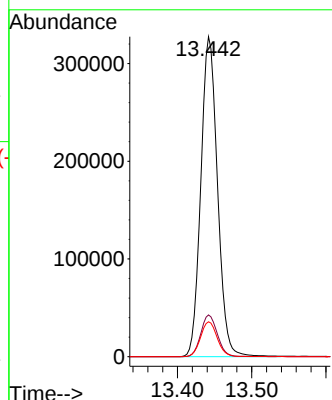
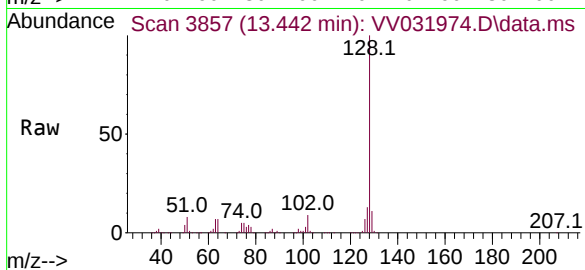
Tgt Ion:128 Resp: 511409

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 46.623 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.000 min

Lab File: VV031974.D

Acq: 08 Sep 2023 09:40

Tgt Ion:180 Resp: 156088

Ion Ratio Lower Upper

180 100

182 94.5 76.7 115.1

145 33.8 27.7 41.5

