

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042324\
 Data File : VW035373.D
 Acq On : 23 Apr 2024 20:10
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 23:32:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 23:26:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	419465	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	427814	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	239692	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	187504	46.286	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.580%
7) Chloroethane-d5	1.532	69	152451	43.328	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.660%
11) 1,1-Dichloroethene-d2	2.060	65	76901	43.306	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.620%
21) 2-Butanone-d5	3.796	46	230936	96.121	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.120%
24) Chloroform-d	4.246	84	340907	50.052	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.100%
26) 1,2-Dichloroethane-d4	4.937	65	204682	47.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.660%
32) Benzene-d6	4.957	84	669717	46.604	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	5.986	67	206967	45.354	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.700%
41) Toluene-d8	7.239	98	617826	47.739	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.480%
43) trans-1,3-Dichloroprop...	7.551	79	97587	43.989	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.980%
47) 2-Hexanone-d5	8.024	63	135883	78.758	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.760%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	309551	49.260	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.520%
66) 1,2-Dichlorobenzene-d4	11.558	152	248786	46.229	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	105942	34.847	ug/L	99
3) Chloromethane	1.217	50	123463	31.589	ug/L	99
5) Vinyl chloride	1.285	62	144397	35.242	ug/L	99
6) Bromomethane	1.491	94	82768	26.949	ug/L	100
8) Chloroethane	1.552	64	105221	37.601	ug/L	97
9) Trichlorofluoromethane	1.712	101	222711	41.414	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	149836	45.521	ug/L	96
12) 1,1-Dichloroethene	2.069	96	125079	39.732	ug/L	96
13) Acetone	2.127	43	174466	79.096	ug/L	100
14) Carbon disulfide	2.243	76	255032	28.767	ug/L	100
15) Methyl Acetate	2.378	43	183339	52.745	ug/L	97
16) Methylene chloride	2.449	84	173275	50.798	ug/L	94
17) trans-1,2-Dichloroethene	2.693	96	139010	45.673	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	550952	51.536	ug/L	99
19) 1,1-Dichloroethane	3.111	63	320288	51.316	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	178938	51.773	ug/L	93
22) 2-Butanone	3.876	43	245395	95.875	ug/L	98
23) Bromochloromethane	4.146	128	96064	55.554	ug/L	92
25) Chloroform	4.275	83	343017	55.587	ug/L	99

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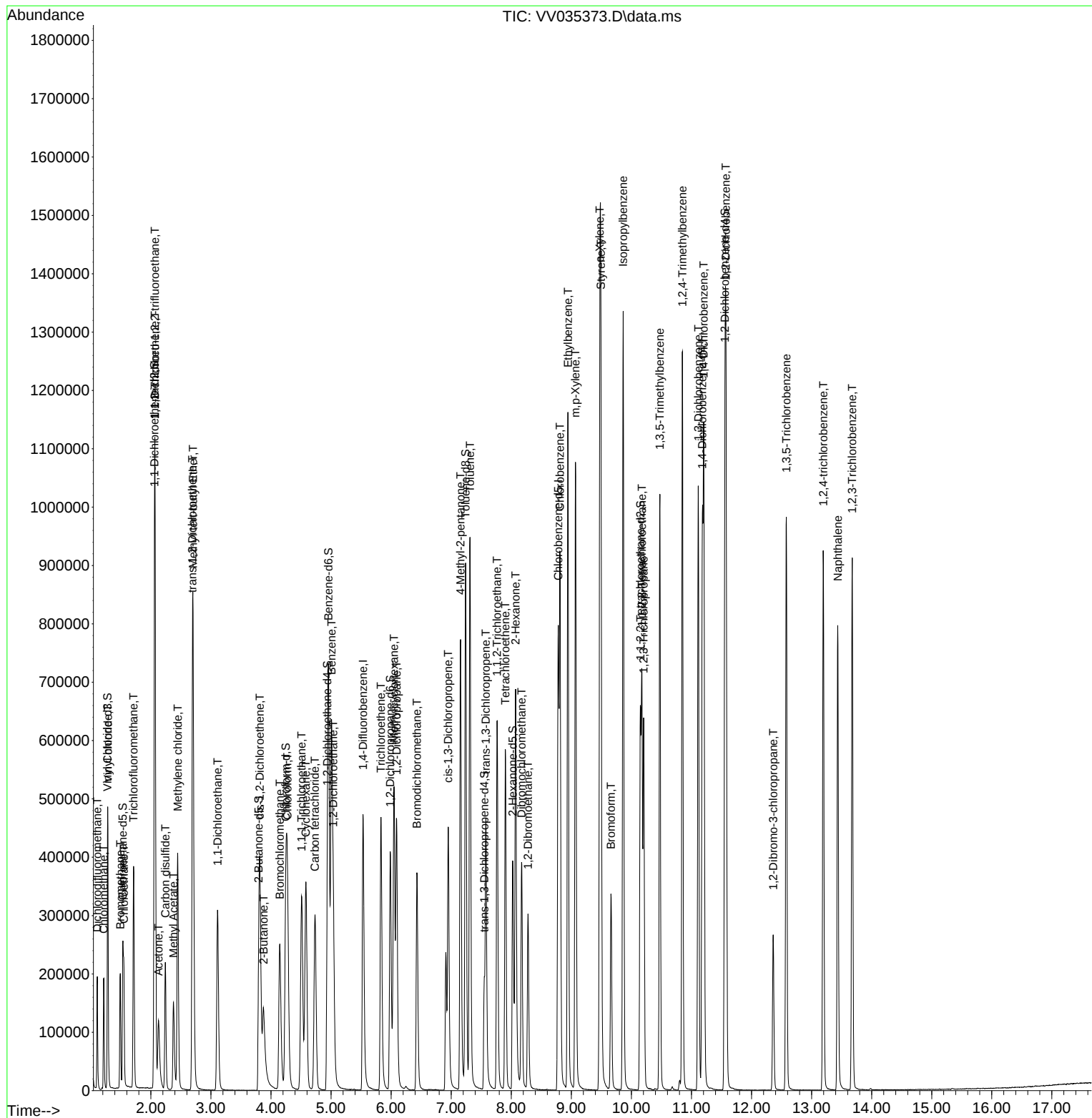
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	250210	50.926	ug/L	98
29) Cyclohexane	4.580	56	194919	36.377	ug/L	96
30) 1,1,1-Trichloroethane	4.510	97	278804	49.996	ug/L	98
31) Carbon tetrachloride	4.732	117	237171	50.178	ug/L	99
33) Benzene	5.008	78	654656	46.927	ug/L	100
34) Trichloroethene	5.831	95	170990	45.417	ug/L	97
35) Methylcyclohexane	6.050	83	225302	39.625	ug/L	98
37) 1,2-Dichloropropane	6.092	63	195401	50.685	ug/L	98
38) Bromodichloromethane	6.429	83	261645	52.600	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	292839	48.218	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	498735	101.323	ug/L	98
42) Toluene	7.313	91	715247	48.972	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	280868	50.339	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	201746	55.520	ug/L	99
46) Tetrachloroethene	7.902	164	132470	50.363	ug/L	97
48) 2-Hexanone	8.072	43	421925	100.785	ug/L	95
49) Dibromochloromethane	8.172	129	201492	55.987	ug/L	100
50) 1,2-Dibromoethane	8.278	107	204635	52.308	ug/L	98
51) Chlorobenzene	8.812	112	503300	53.170	ug/L	98
52) Ethylbenzene	8.944	91	799950	49.420	ug/L	99
53) m,p-Xylene	9.069	106	300812	50.463	ug/L	99
54) o-Xylene	9.474	106	299929	50.852	ug/L	99
55) Styrene	9.493	104	545458	54.726	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	342078	58.103	ug/L	99
59) Bromoform	9.661	173	152469	55.508	ug/L	99
60) Isopropylbenzene	9.863	105	831031	48.093	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	257930	49.659	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	528204	47.067	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	664222	47.872	ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	419283	51.922	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	440431	53.633	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	447146	55.585	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	68210	47.668	ug/L	88
69) 1,3,5-Trichlorobenzene	12.580	180	310724	53.391	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	286343	53.563	ug/L	98
71) Naphthalene	13.435	128	628547	42.379	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	285541	54.187	ug/L	98

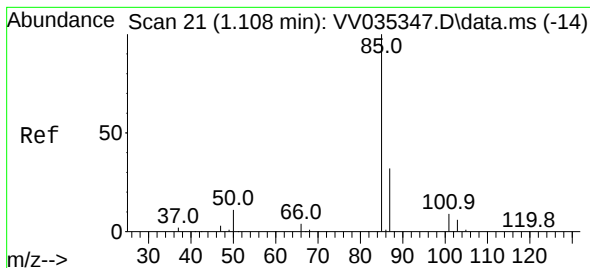
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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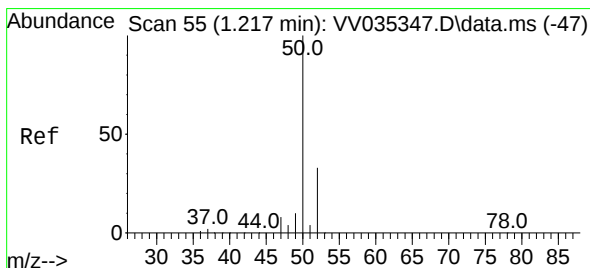
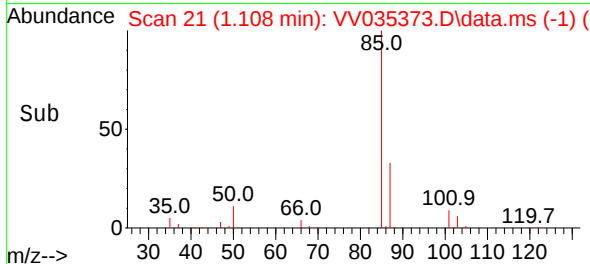
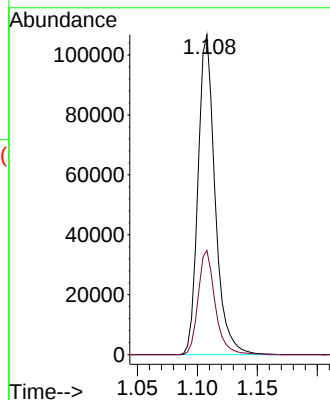
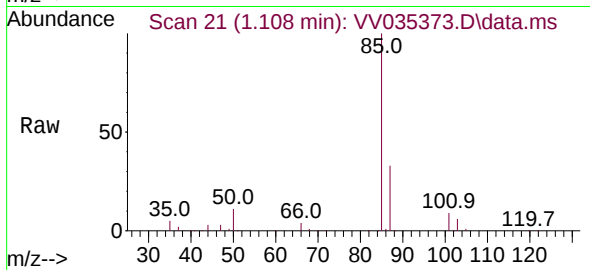




#2
Dichlorodifluoromethane
Concen: 34.847 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

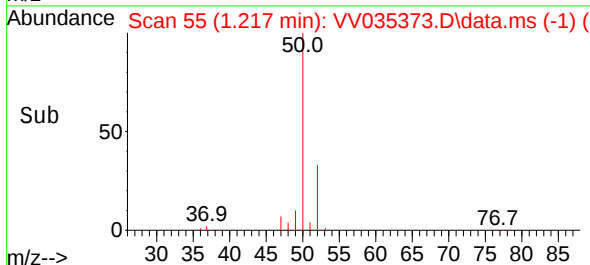
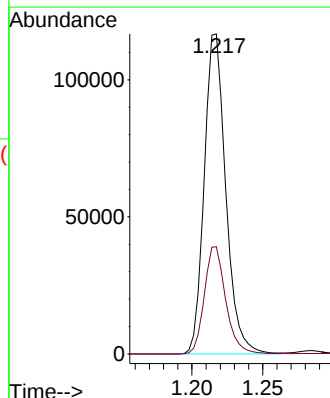
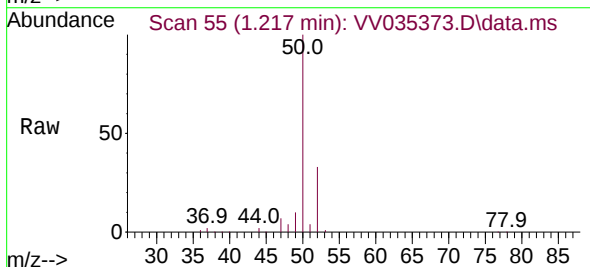
Instrument :
MSVOA_V
ClientSampleId :

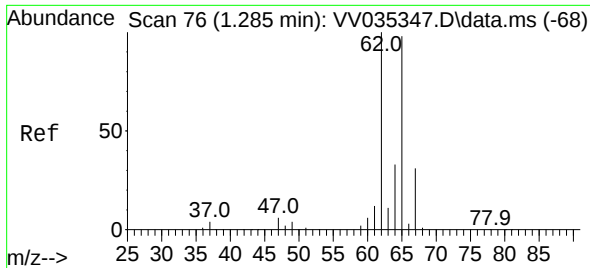
Tgt Ion: 85 Resp: 105942
Ion Ratio Lower Upper
85 100
87 32.5 25.7 38.5



#3
Chloromethane
Concen: 31.589 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

Tgt Ion: 50 Resp: 123463
Ion Ratio Lower Upper
50 100
52 33.5 23.0 42.8

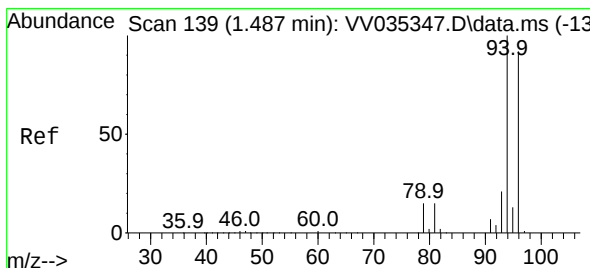
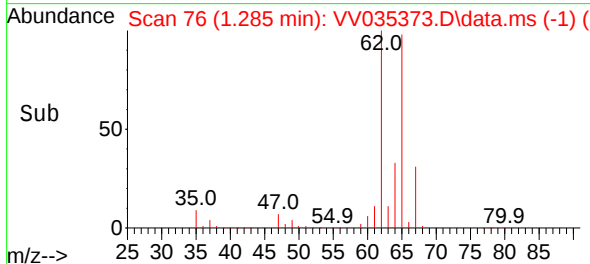
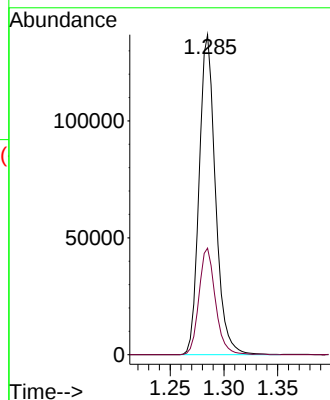
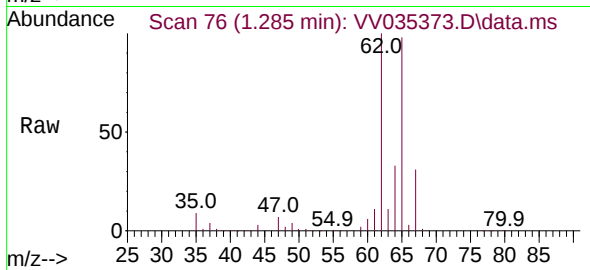




#5
 Vinyl chloride
 Concen: 35.242 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV035373.D
 Acq: 23 Apr 2024 20:10

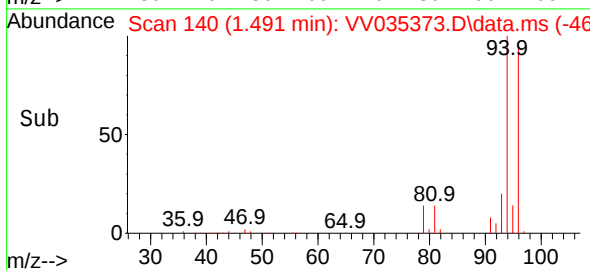
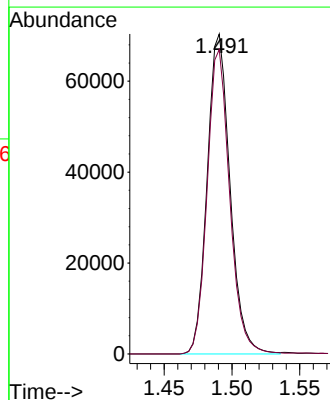
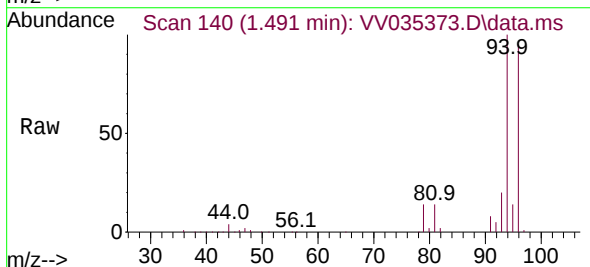
Instrument :
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 ClientSampleId :

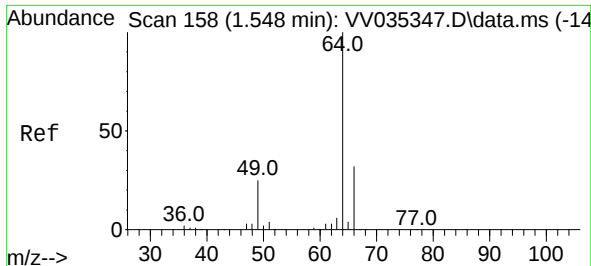
Tgt Ion: 62 Resp: 144397
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.6 43.8



#6
 Bromomethane
 Concen: 26.949 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.003 min
 Lab File: VV035373.D
 Acq: 23 Apr 2024 20:10

Tgt Ion: 94 Resp: 82768
 Ion Ratio Lower Upper
 94 100
 96 95.1 66.3 123.1

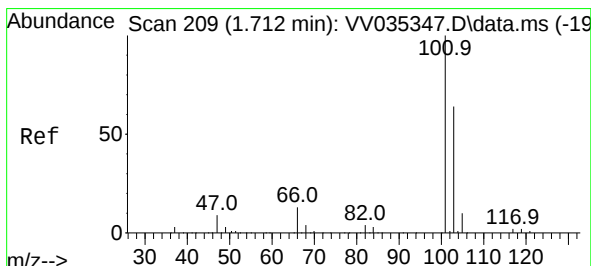
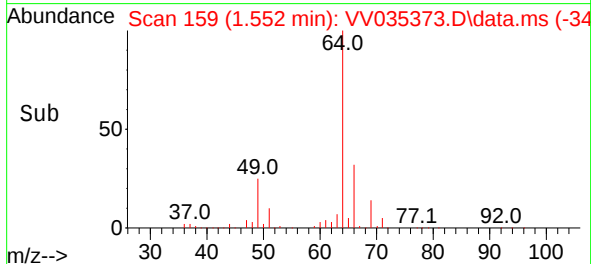
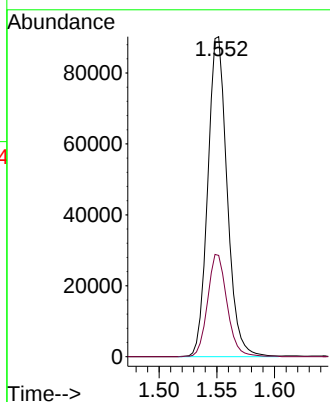
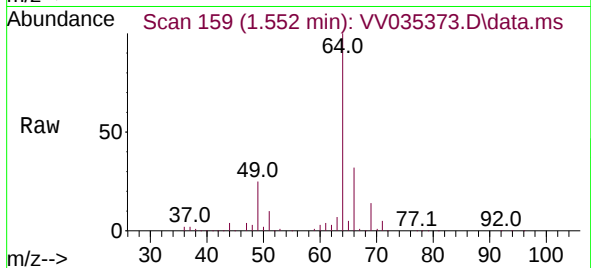




#8
Chloroethane
Concen: 37.601 ug/L
RT: 1.552 min Scan# 158
Delta R.T. 0.003 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

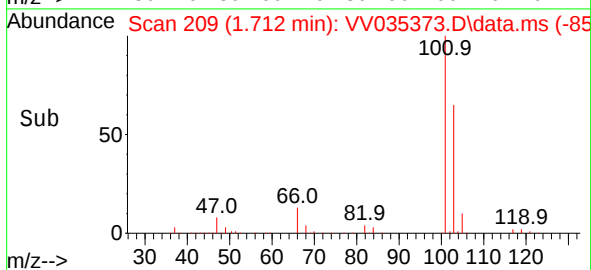
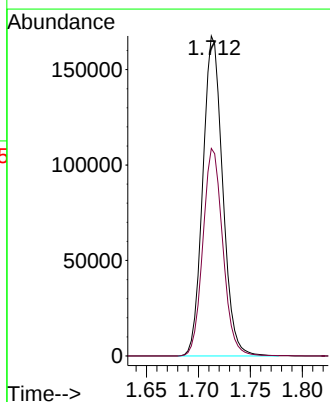
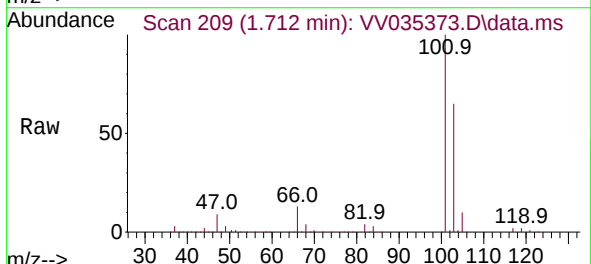
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MSVOA_V
ClientSampleId :

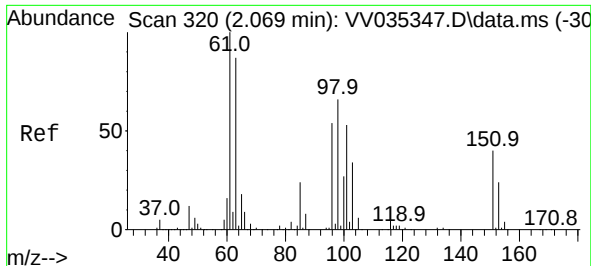
Tgt Ion: 64 Resp: 105221
Ion Ratio Lower Upper
64 100
66 31.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 41.414 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

Tgt Ion:101 Resp: 222711
Ion Ratio Lower Upper
101 100
103 65.1 51.6 77.4





#10

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

Concen: 45.521 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV035373.D

Acq: 23 Apr 2024 20:10

Instrument :

MSVOA_V

ClientSampleId :

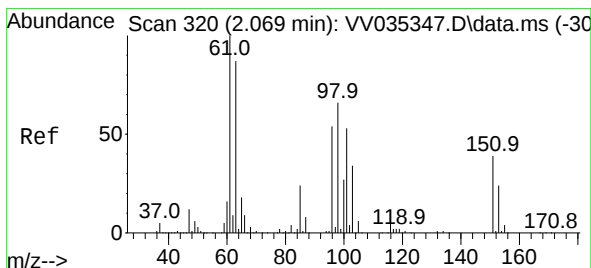
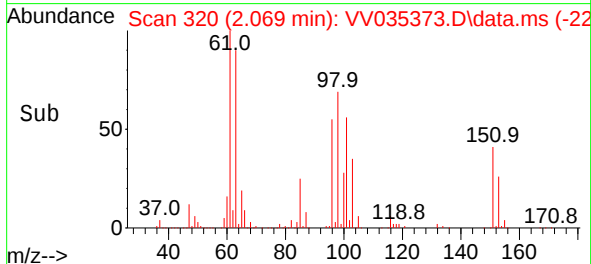
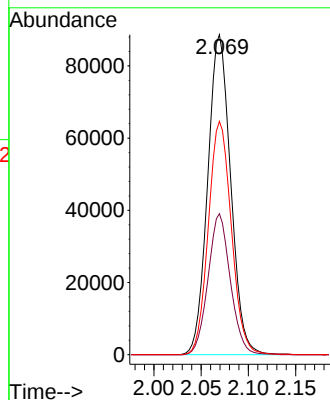
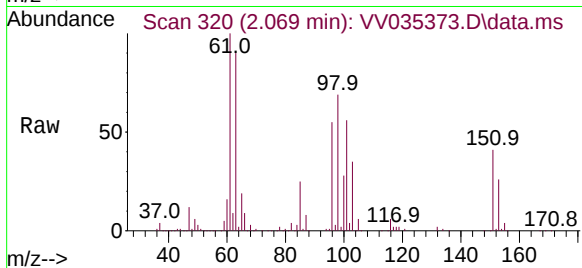
Tgt Ion:101 Resp: 149836

Ion Ratio Lower Upper

101 100

85 42.7 35.3 52.9

151 73.0 55.0 82.4



#12

1,1-Dichloroethene

Concen: 39.732 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV035373.D

Acq: 23 Apr 2024 20:10

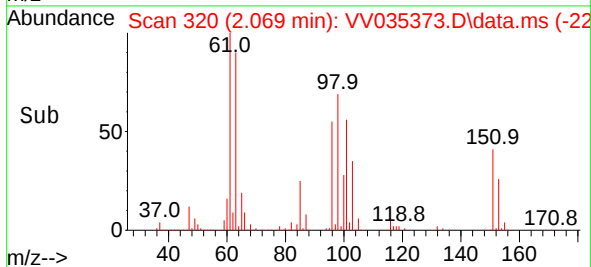
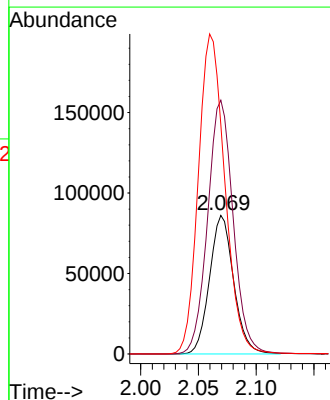
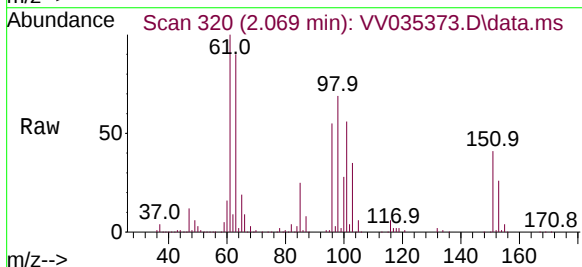
Tgt Ion: 96 Resp: 125079

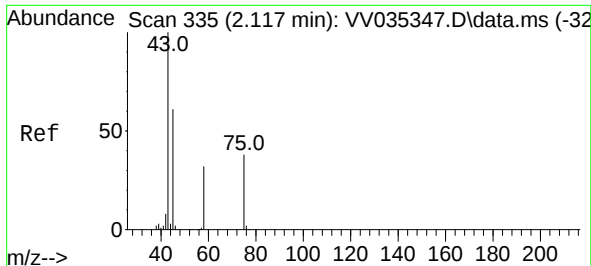
Ion Ratio Lower Upper

96 100

61 183.1 131.5 244.3

63 165.5 111.4 206.8





#13

Acetone

Concen: 79.096 ug/L

RT: 2.127 min Scan# 338

Delta R.T. 0.010 min

Lab File: VV035373.D

Acq: 23 Apr 2024 20:10

Instrument :

MSVOA_V

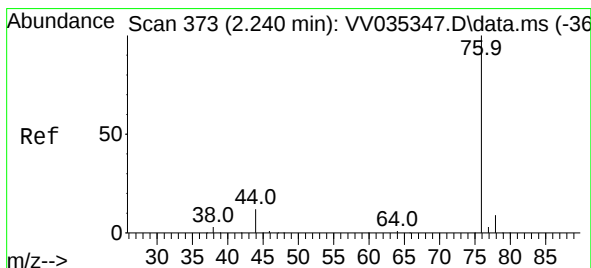
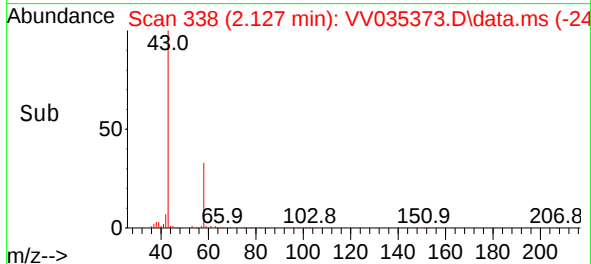
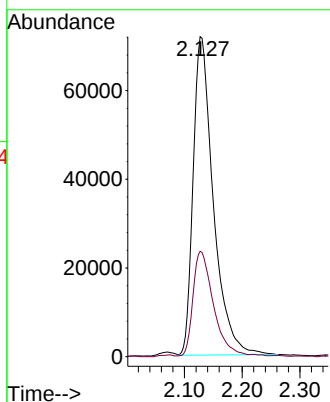
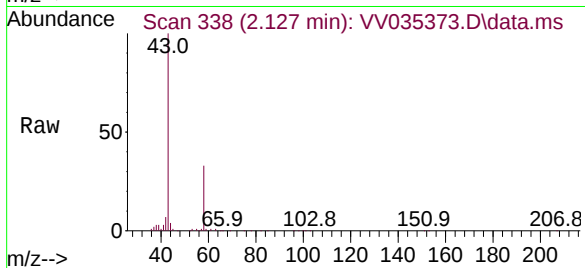
ClientSampleId :

Tgt Ion: 43 Resp: 174466

Ion Ratio Lower Upper

43 100

58 32.9 0.0 66.0



#14

Carbon disulfide

Concen: 28.767 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

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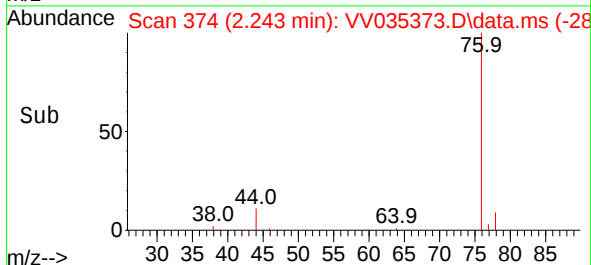
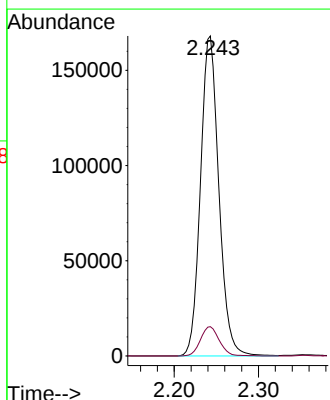
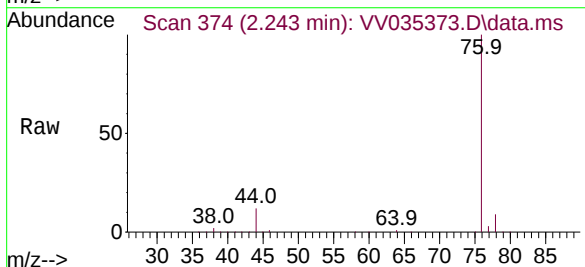
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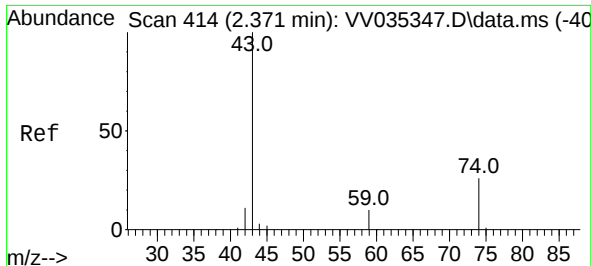
Tgt Ion: 76 Resp: 255032

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 52.745 ug/L

RT: 2.378 min Scan# 414

Delta R.T. 0.007 min

Lab File: VV035373.D

Acq: 23 Apr 2024 20:10

Instrument :

MSVOA_V

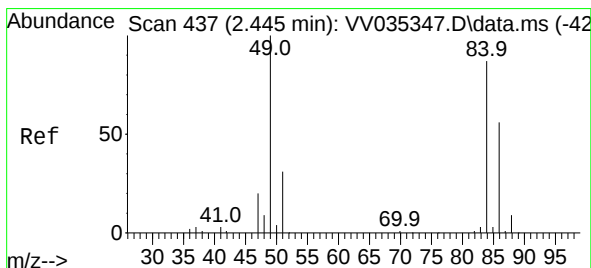
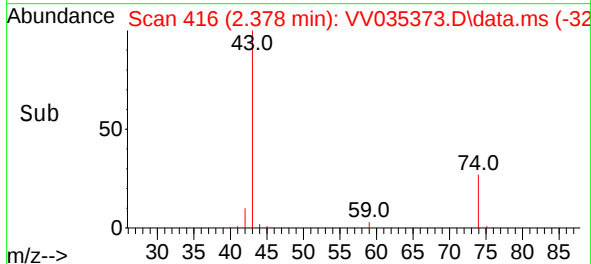
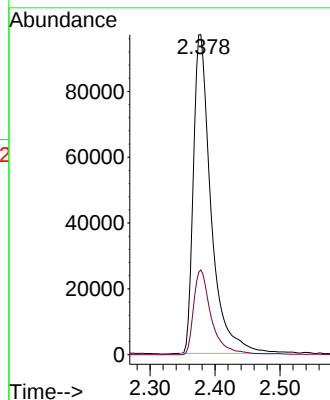
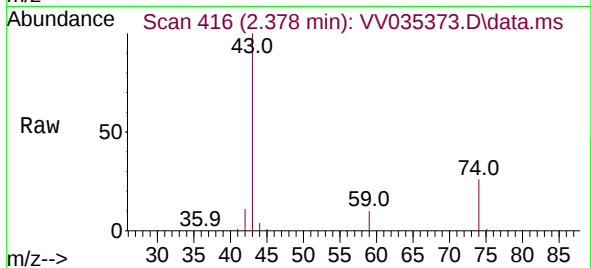
ClientSampleId :

Tgt Ion: 43 Resp: 183339

Ion Ratio Lower Upper

43 100

74 26.5 19.8 29.8



#16

Methylene chloride

Concen: 50.798 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.003 min

Lab File: VV035373.D

Acq: 23 Apr 2024 20:10

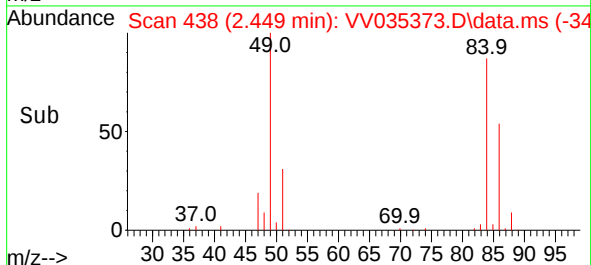
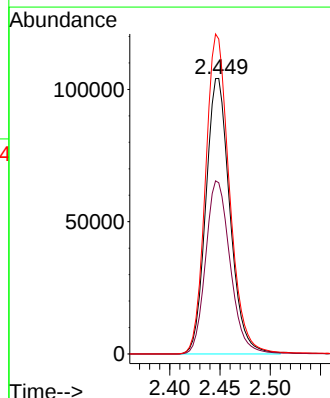
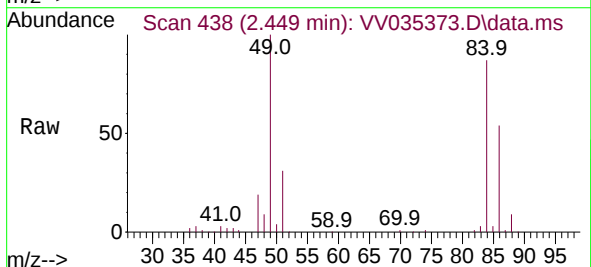
Tgt Ion: 84 Resp: 173275

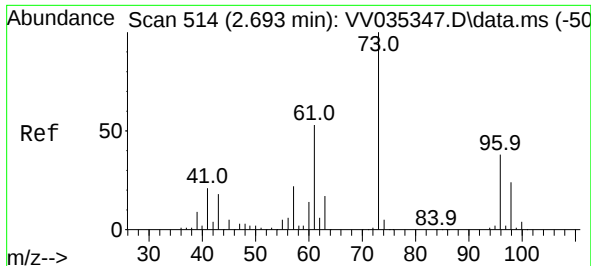
Ion Ratio Lower Upper

84 100

86 62.2 44.6 82.8

49 114.3 86.9 161.3





#17

trans-1,2-Dichloroethene

Concen: 45.673 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.000 min

Lab File: VV035373.D

Acq: 23 Apr 2024 20:10

Instrument :

MSVOA_V

ClientSampleId :

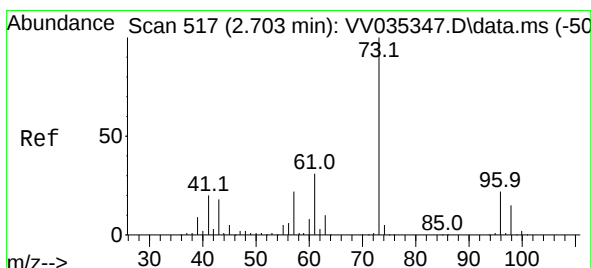
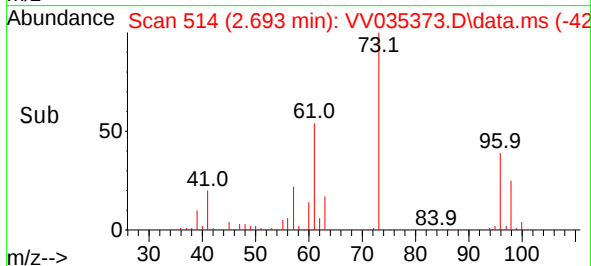
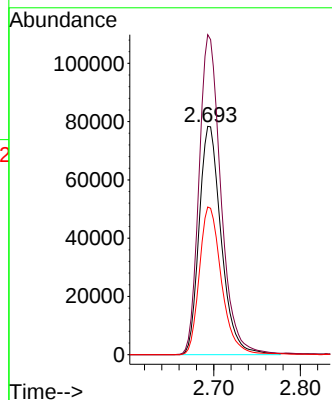
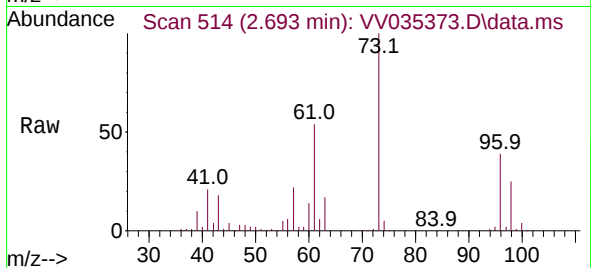
Tgt Ion: 96 Resp: 139010

Ion Ratio Lower Upper

96 100

61 140.2 99.0 183.8

98 64.7 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 51.536 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV035373.D

Acq: 23 Apr 2024 20:10

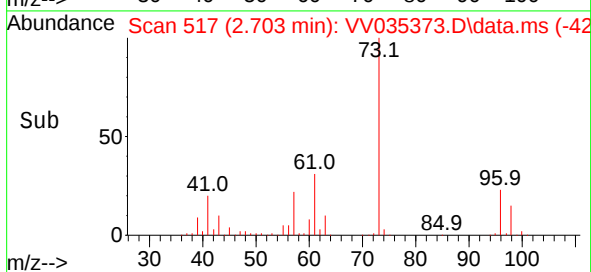
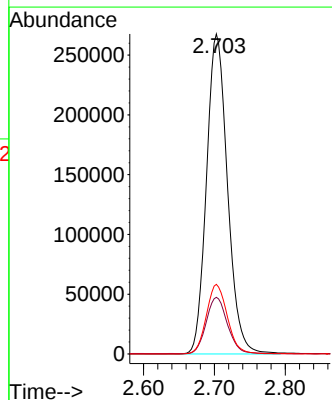
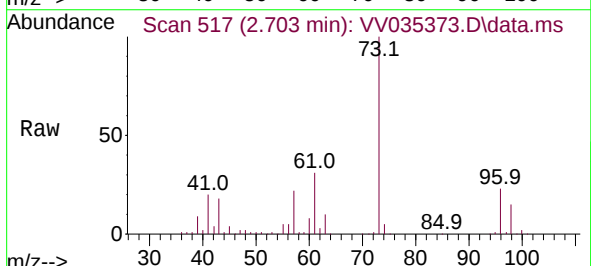
Tgt Ion: 73 Resp: 550952

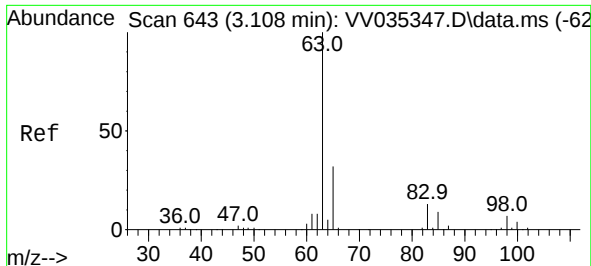
Ion Ratio Lower Upper

73 100

43 17.7 14.6 21.8

57 21.8 17.6 26.4

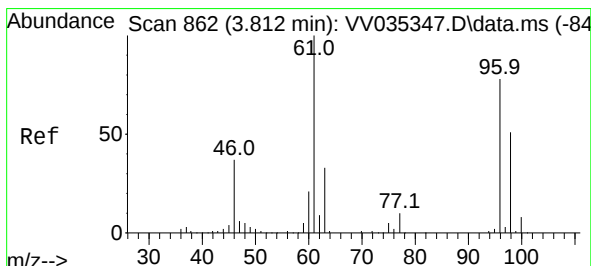
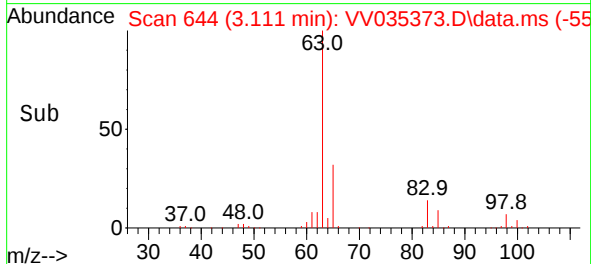
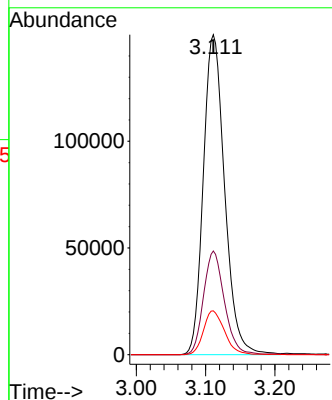
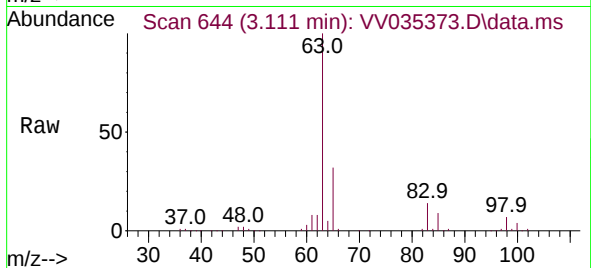




#19
1,1-Dichloroethane
Concen: 51.316 ug/L
RT: 3.111 min Scan# 643
Delta R.T. 0.003 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

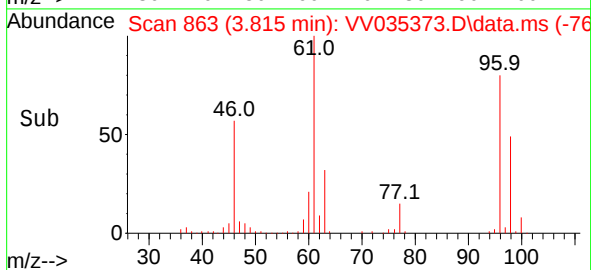
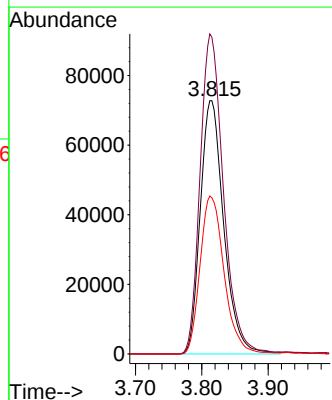
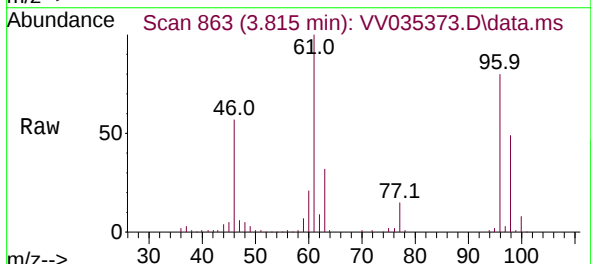
Instrument :
MSVOA_V
ClientSampleId :

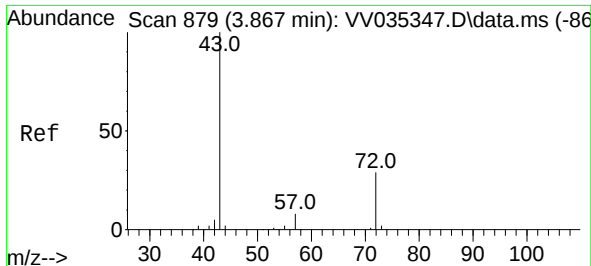
Tgt Ion: 63 Resp: 320288
Ion Ratio Lower Upper
63 100
65 32.4 23.0 42.6
83 13.7 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 51.773 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.003 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

Tgt Ion: 96 Resp: 178938
Ion Ratio Lower Upper
96 100
61 125.1 94.9 176.3
98 61.7 45.6 84.8

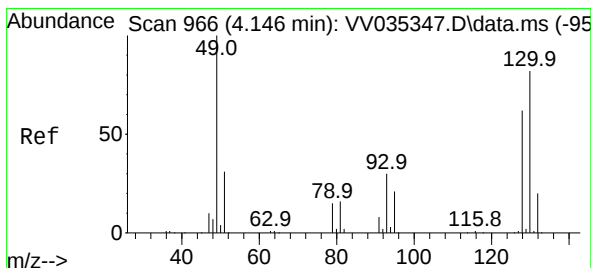
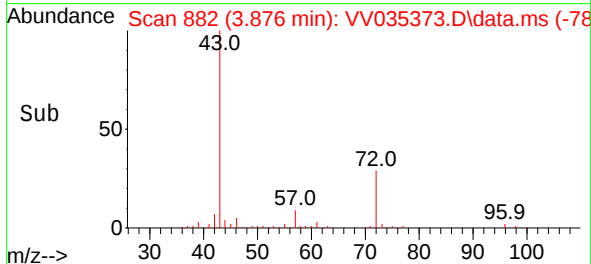
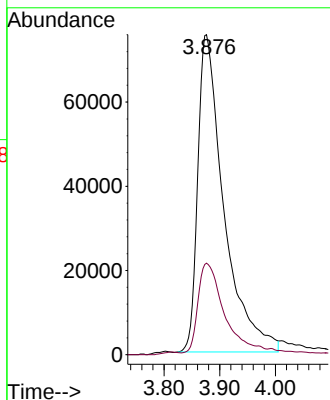
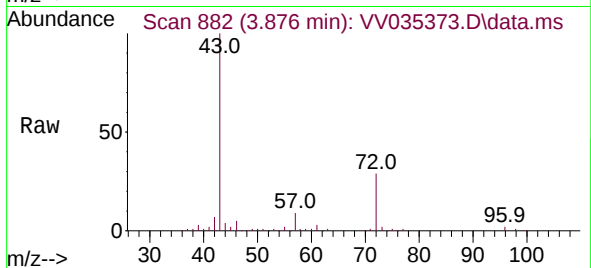




#22
2-Butanone
Concen: 95.875 ug/L
RT: 3.876 min Scan# 879
Delta R.T. 0.010 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

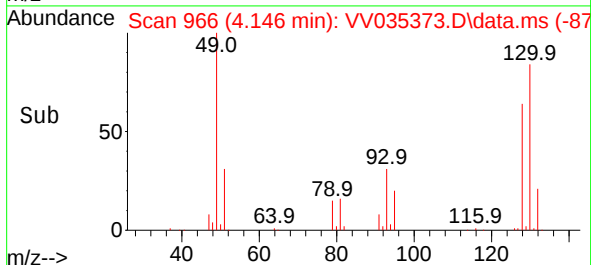
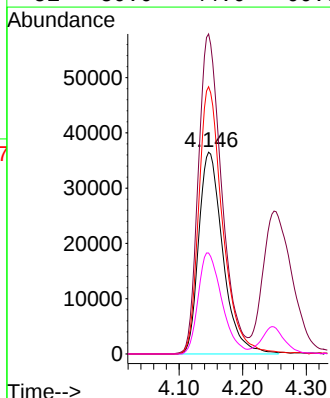
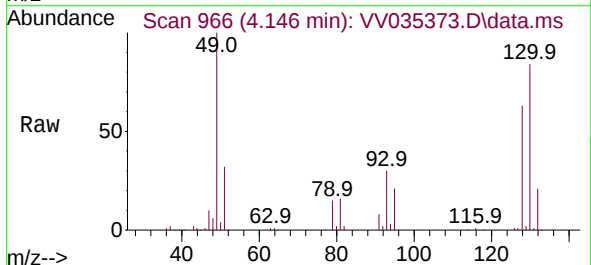
Instrument :
MSVOA_V
ClientSampleId :

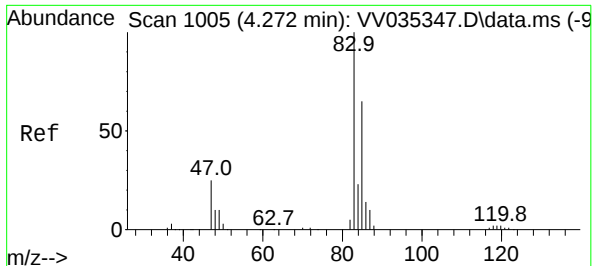
Tgt Ion: 43 Resp: 245395
Ion Ratio Lower Upper
43 100
72 27.5 13.2 39.6



#23
Bromochloromethane
Concen: 55.554 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.000 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

Tgt Ion:128 Resp: 96064
Ion Ratio Lower Upper
128 100
49 158.6 123.8 229.8
130 132.5 93.2 173.0
51 50.0 44.0 66.0





#25

Chloroform

Concen: 55.587 ug/L

RT: 4.275 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV035373.D

Acq: 23 Apr 2024 20:10

Instrument :

MSVOA_V

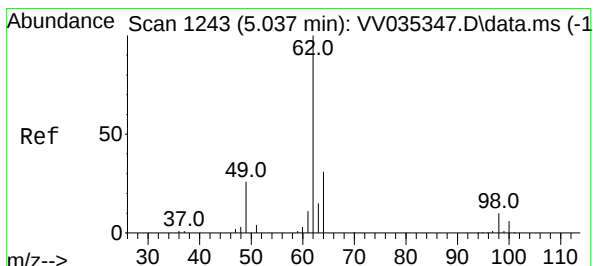
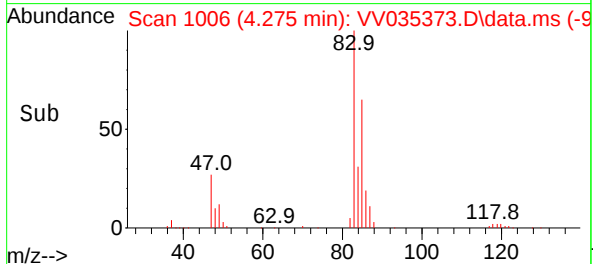
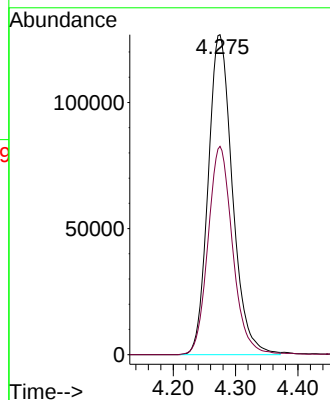
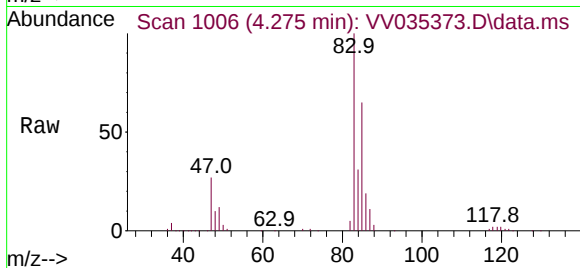
ClientSampleId :

Tgt Ion: 83 Resp: 343017

Ion Ratio Lower Upper

83 100

85 65.1 46.0 85.4



#27

1,2-Dichloroethane

Concen: 50.926 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV035373.D

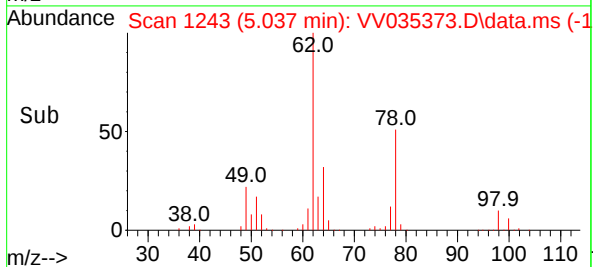
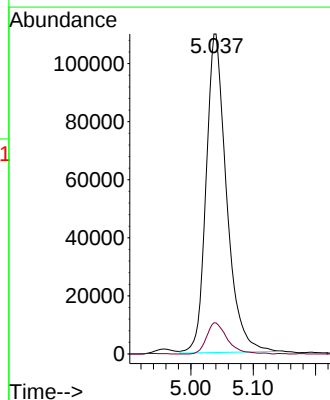
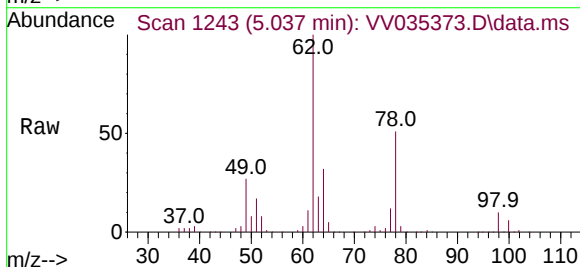
Acq: 23 Apr 2024 20:10

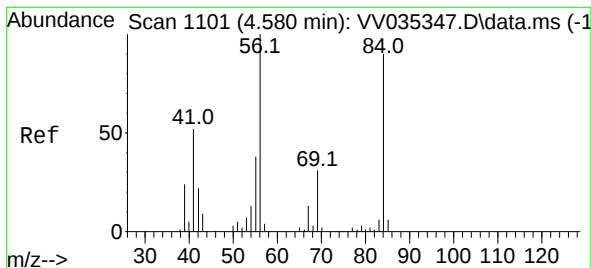
Tgt Ion: 62 Resp: 250210

Ion Ratio Lower Upper

62 100

98 9.8 7.2 10.8





#29

Cyclohexane

Concen: 36.377 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV035373.D

Acq: 23 Apr 2024 20:10

Instrument :

MSVOA_V

ClientSampleId :

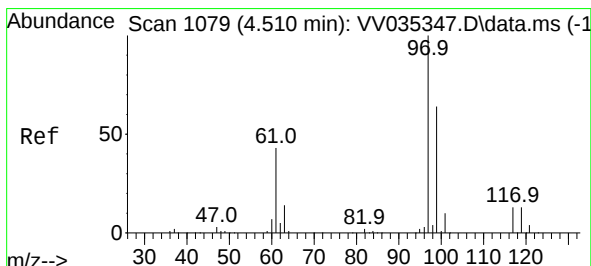
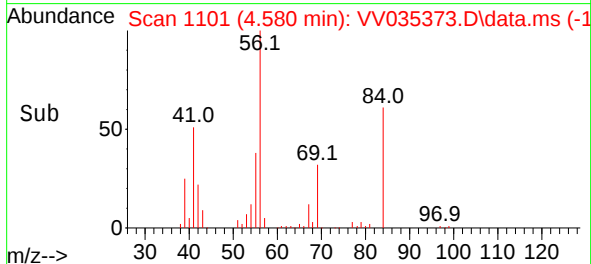
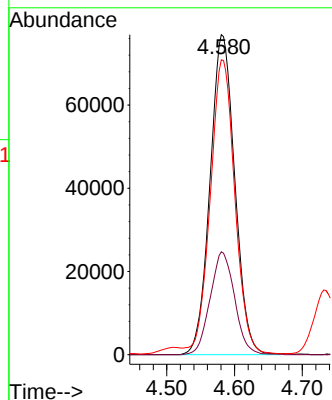
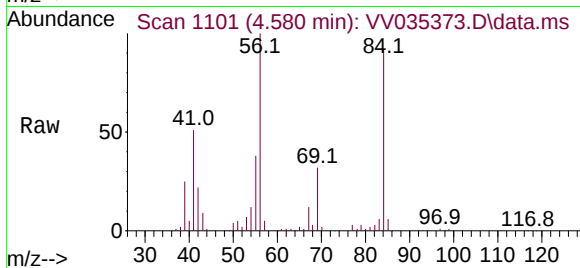
Tgt Ion: 56 Resp: 194919

Ion Ratio Lower Upper

56 100

69 31.8 24.2 36.2

84 91.0 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 49.996 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV035373.D

Acq: 23 Apr 2024 20:10

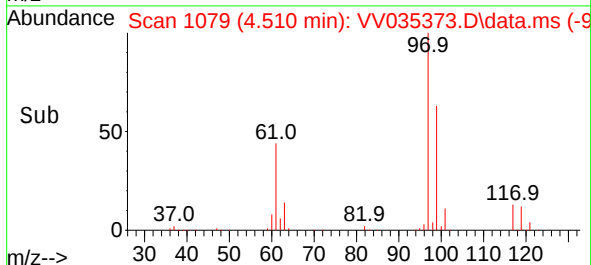
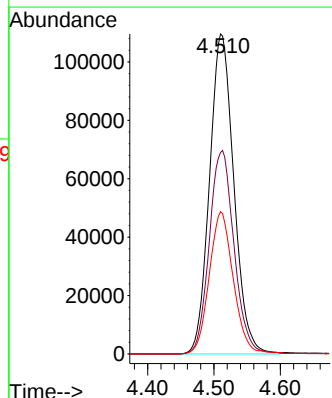
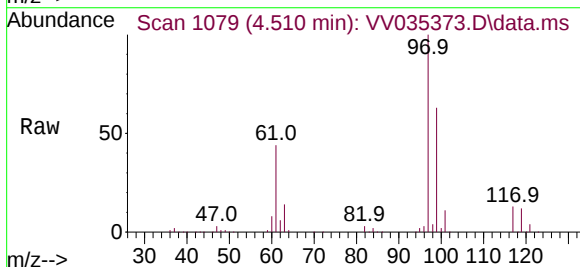
Tgt Ion: 97 Resp: 278804

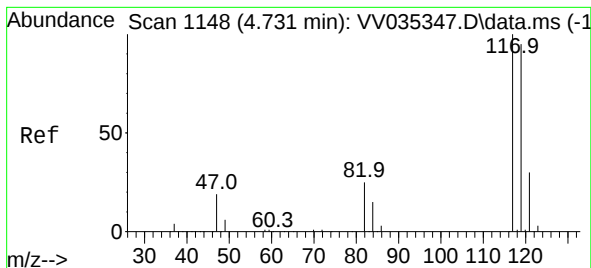
Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.4

61 44.1 36.8 55.2





#31

Carbon tetrachloride

Concen: 50.178 ug/L

RT: 4.732 min Scan# 1148

Delta R.T. 0.000 min

Lab File: VV035373.D

Acq: 23 Apr 2024 20:10

Instrument :

MSVOA_V

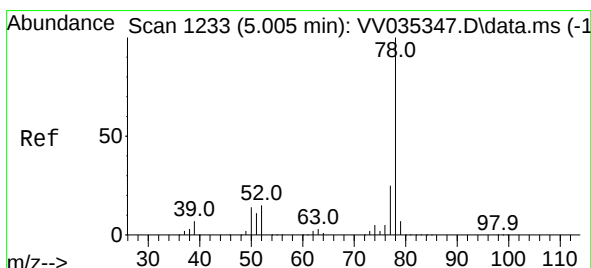
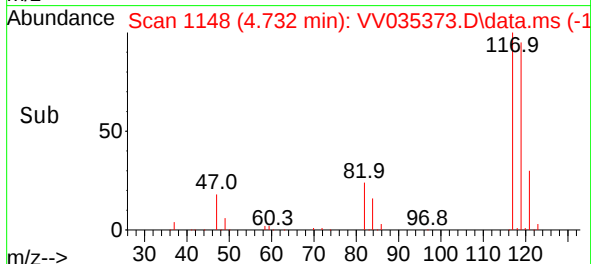
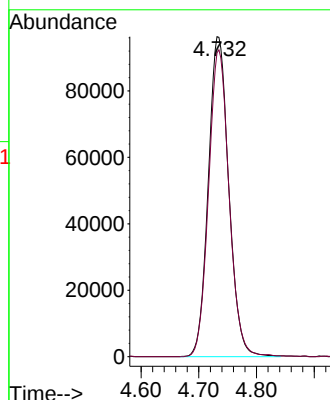
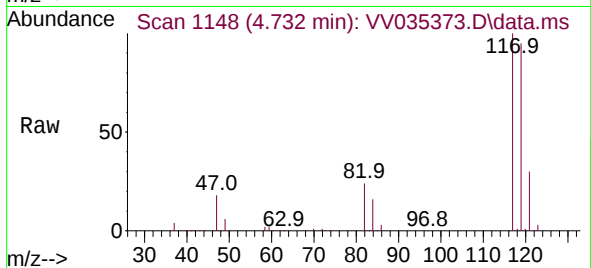
ClientSampleId :

Tgt Ion:117 Resp: 237171

Ion Ratio Lower Upper

117 100

119 95.7 77.1 115.7



#33

Benzene

Concen: 46.927 ug/L

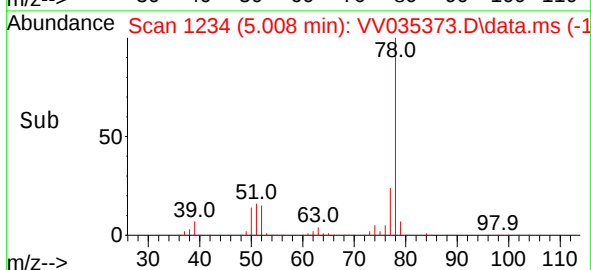
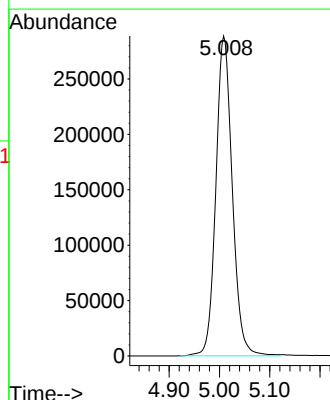
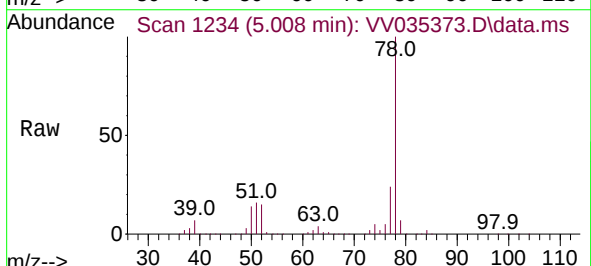
RT: 5.008 min Scan# 1234

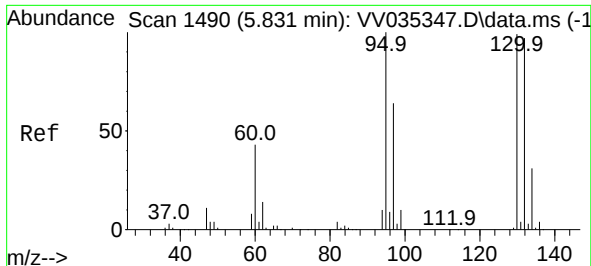
Delta R.T. 0.003 min

Lab File: VV035373.D

Acq: 23 Apr 2024 20:10

Tgt Ion: 78 Resp: 654656

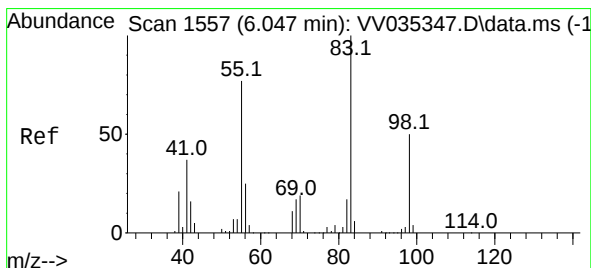
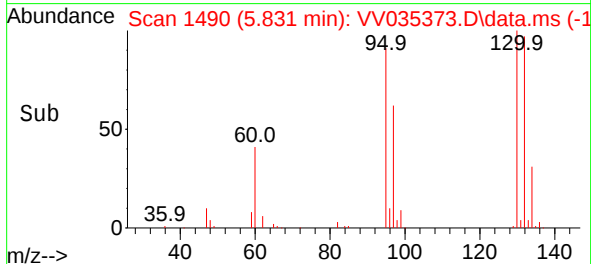
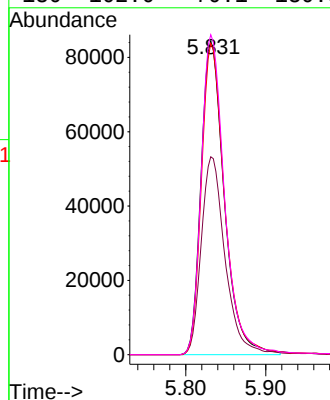
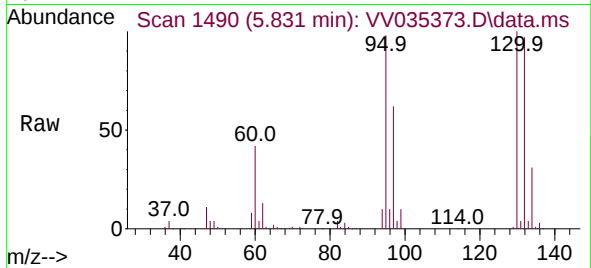




#34
Trichloroethene
Concen: 45.417 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

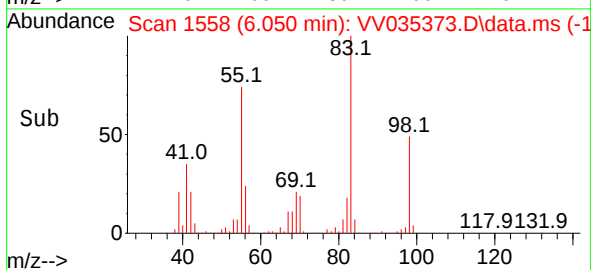
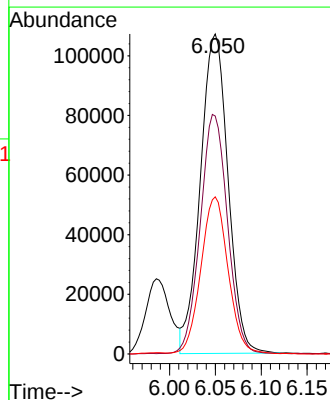
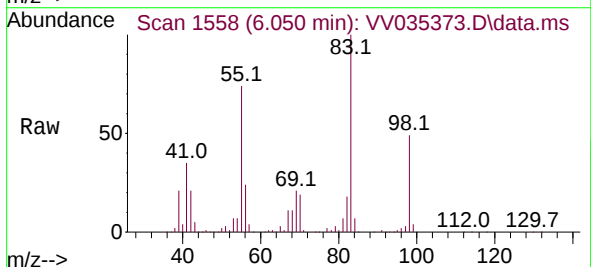
Instrument :
MSVOA_V
ClientSampleId :

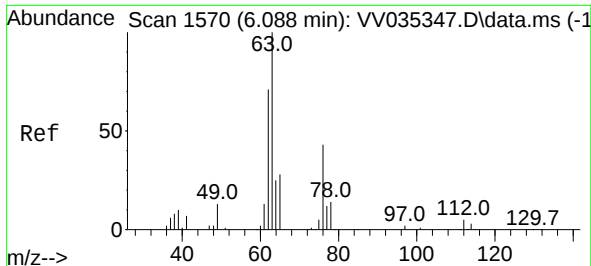
Tgt Ion: 95 Resp: 170990
Ion Ratio Lower Upper
95 100
97 63.1 45.3 84.1
132 99.2 65.3 121.3
130 102.0 70.1 130.3



#35
Methylcyclohexane
Concen: 39.625 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

Tgt Ion: 83 Resp: 225302
Ion Ratio Lower Upper
83 100
55 73.4 60.0 90.0
98 48.4 37.6 56.4

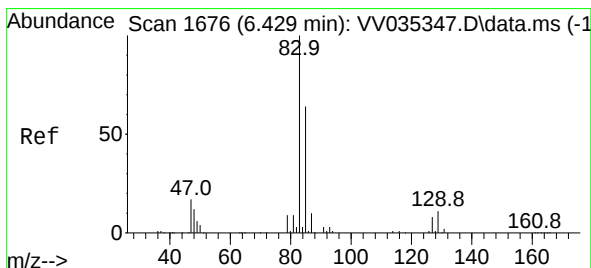
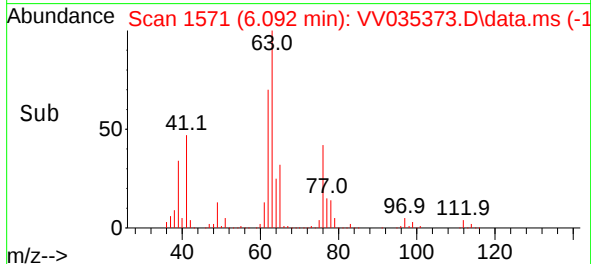
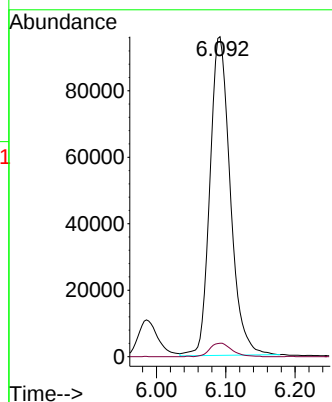
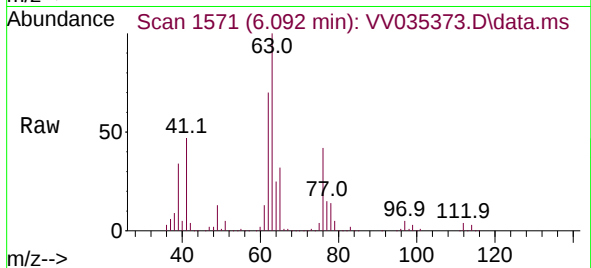




#37
1,2-Dichloropropane
Concen: 50.685 ug/L
RT: 6.092 min Scan# 1570
Delta R.T. 0.003 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

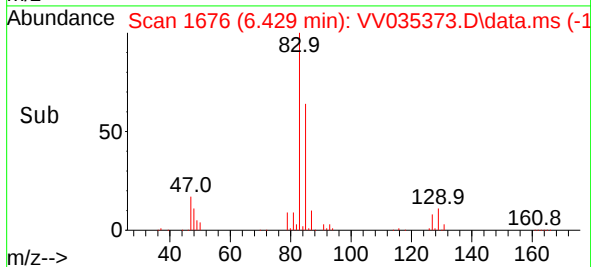
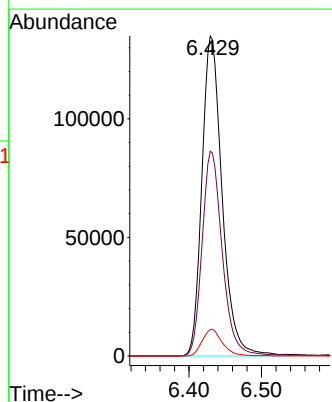
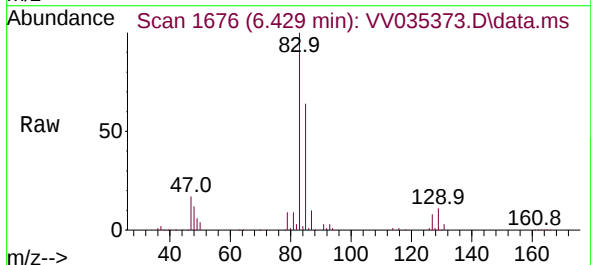
Instrument :
MSVOA_V
ClientSampleId :

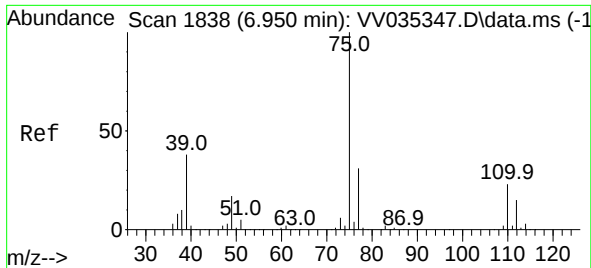
Tgt Ion: 63 Resp: 195401
Ion Ratio Lower Upper
63 100
112 4.6 3.3 4.9



#38
Bromodichloromethane
Concen: 52.600 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

Tgt Ion: 83 Resp: 261645
Ion Ratio Lower Upper
83 100
85 64.0 43.7 81.1
127 8.3 6.4 9.6

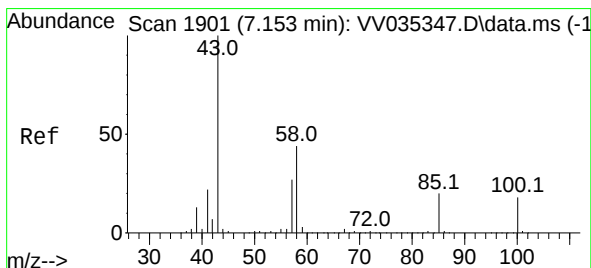
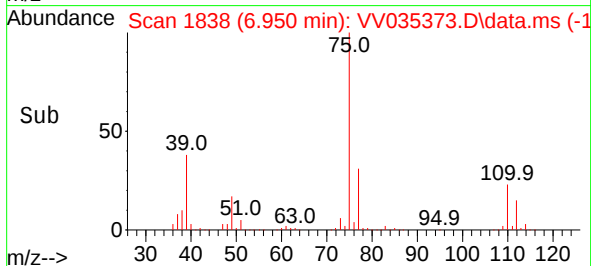
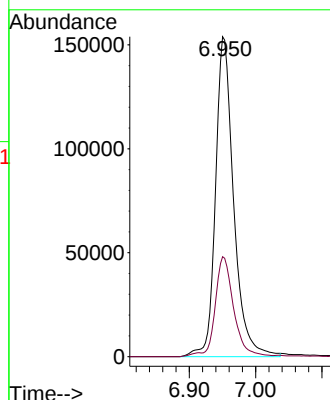
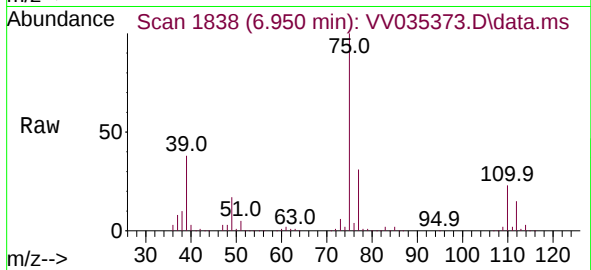




#39
 cis-1,3-Dichloropropene
 Concen: 48.218 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VV035373.D
 Acq: 23 Apr 2024 20:10

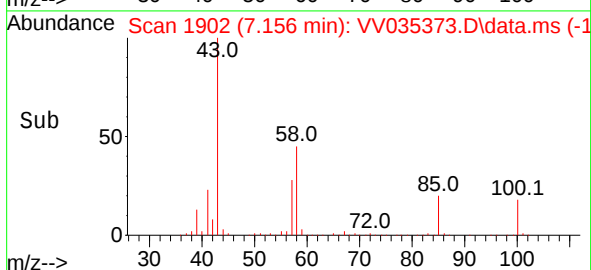
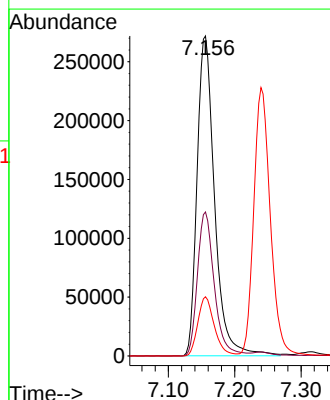
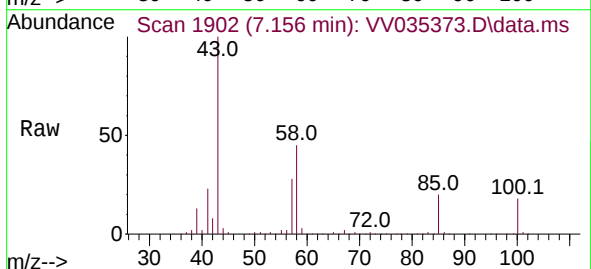
Instrument :
 MSVOA_V
 ClientSampleId :

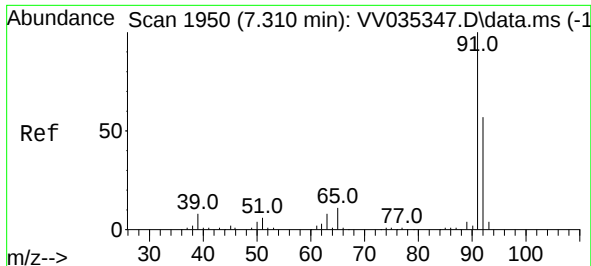
Tgt Ion: 75 Resp: 292839
 Ion Ratio Lower Upper
 75 100
 77 31.2 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 101.323 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.003 min
 Lab File: VV035373.D
 Acq: 23 Apr 2024 20:10

Tgt Ion: 43 Resp: 498735
 Ion Ratio Lower Upper
 43 100
 58 43.3 33.8 50.8
 100 17.5 13.0 19.4





#42

Toluene

Concen: 48.972 ug/L

RT: 7.313 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV035373.D

Acq: 23 Apr 2024 20:10

Instrument :

MSVOA_V

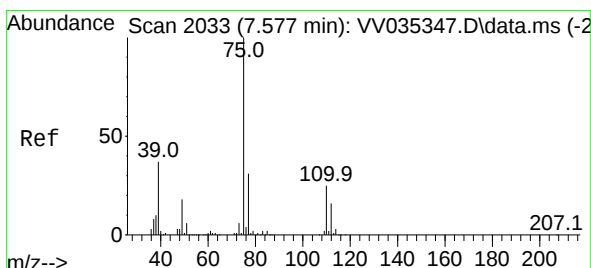
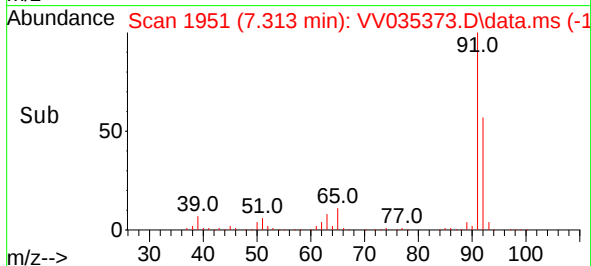
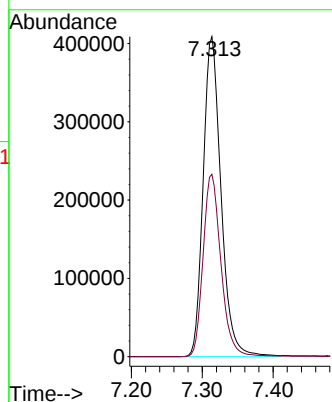
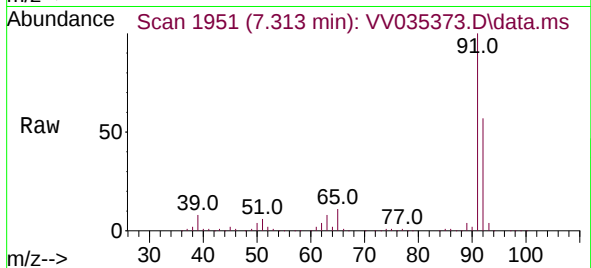
ClientSampleId :

Tgt Ion: 91 Resp: 715247

Ion Ratio Lower Upper

91 100

92 57.0 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 50.339 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV035373.D

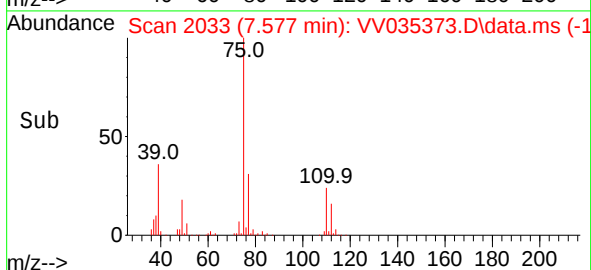
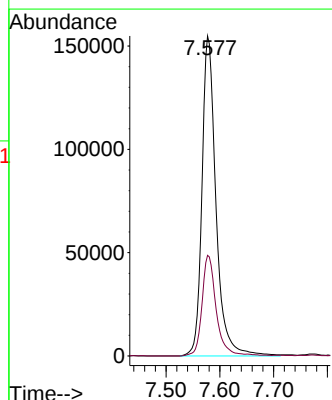
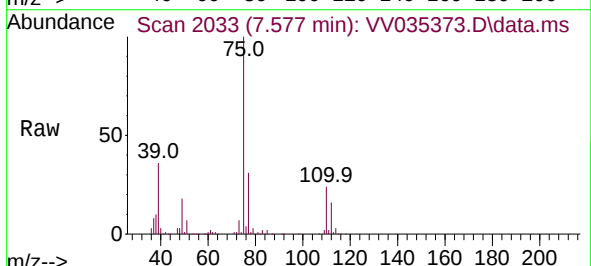
Acq: 23 Apr 2024 20:10

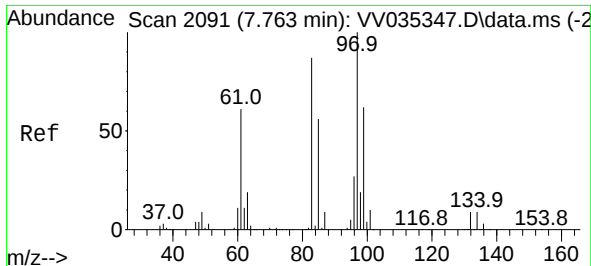
Tgt Ion: 75 Resp: 280868

Ion Ratio Lower Upper

75 100

77 31.5 21.7 40.3



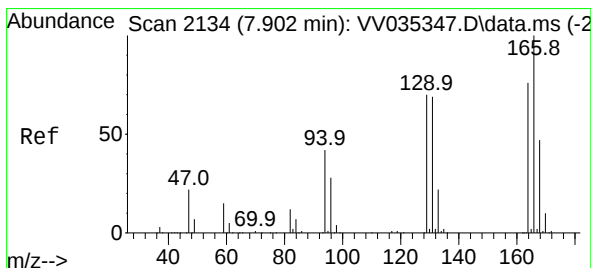
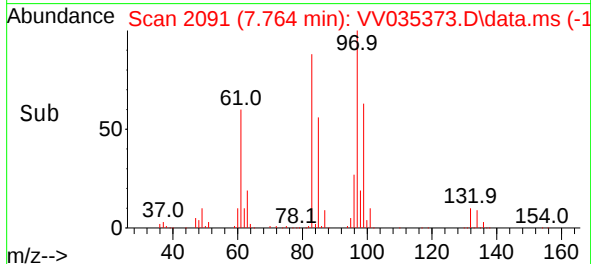
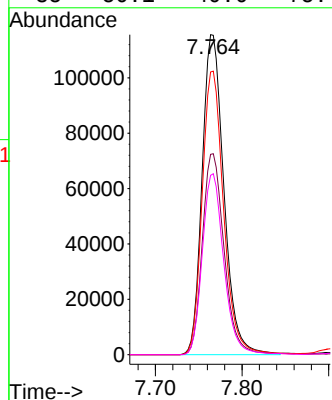
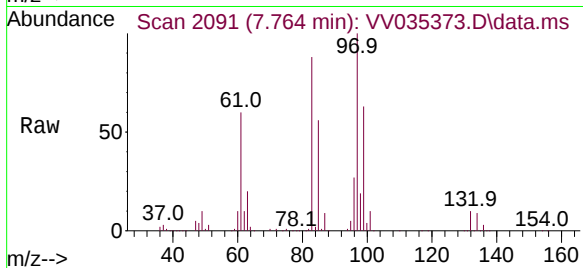


#45
1,1,2-Trichloroethane
Concen: 55.520 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 201746

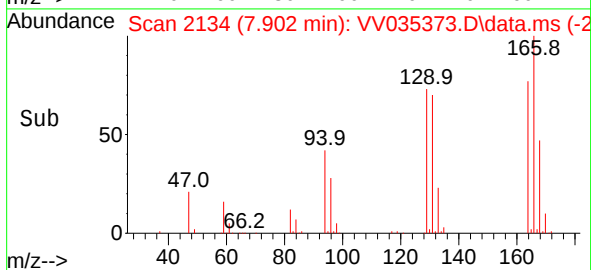
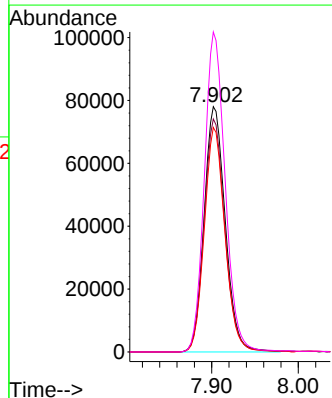
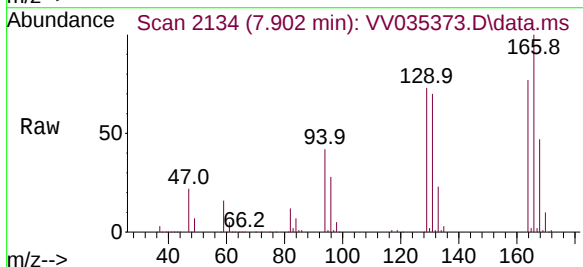
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.3	80.3
83	88.3	61.6	114.4
85	56.1	40.6	75.4

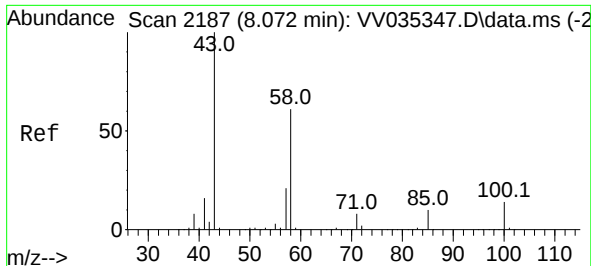


#46
Tetrachloroethene
Concen: 50.363 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

Tgt Ion: 164 Resp: 132470

Ion	Ratio	Lower	Upper
164	100		
129	95.0	68.6	127.4
131	91.5	65.7	122.1
166	130.4	89.0	165.2

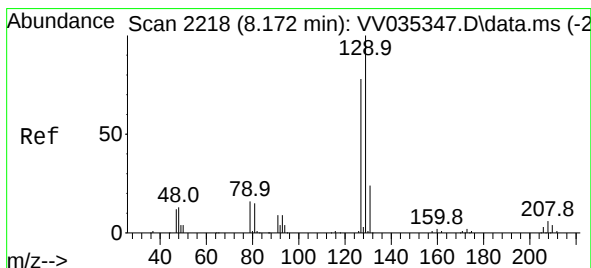
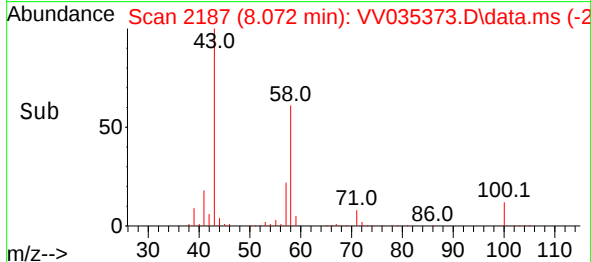
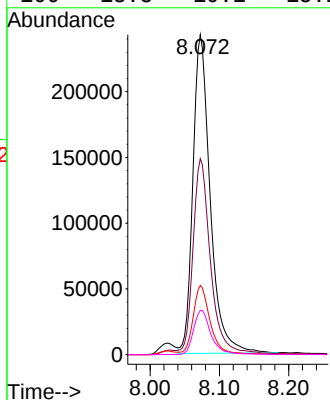
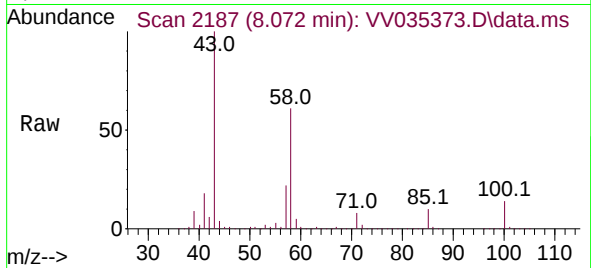




#48
2-Hexanone
Concen: 100.785 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

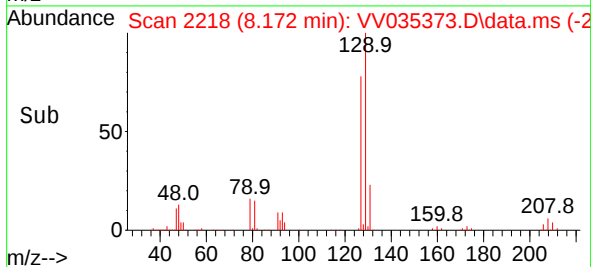
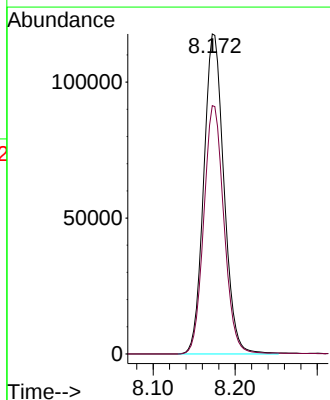
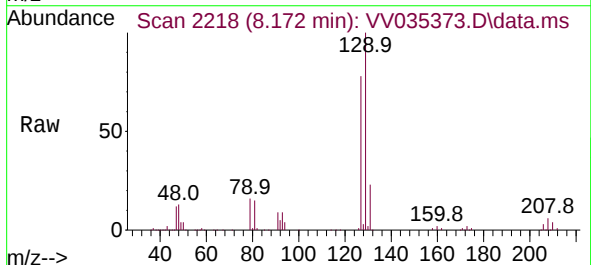
Instrument :
MSVOA_V
ClientSampleId :

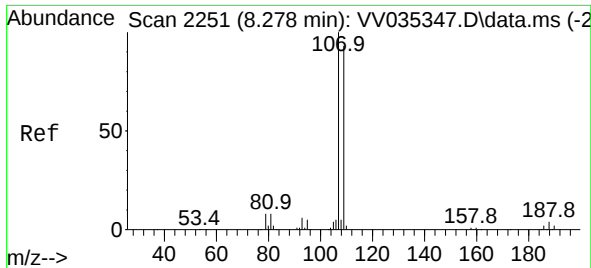
Tgt Ion: 43 Resp: 421925
Ion Ratio Lower Upper
43 100
58 61.8 45.4 68.2
57 21.3 16.2 24.4
100 13.8 10.1 15.1



#49
Dibromochloromethane
Concen: 55.987 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

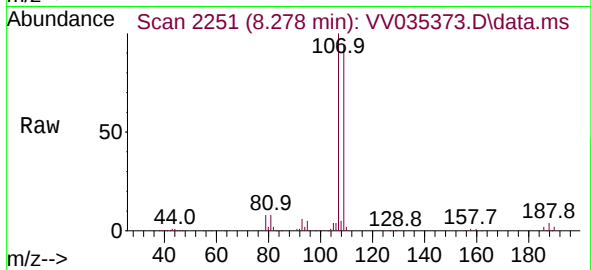
Tgt Ion:129 Resp: 201492
Ion Ratio Lower Upper
129 100
127 77.6 54.1 100.5



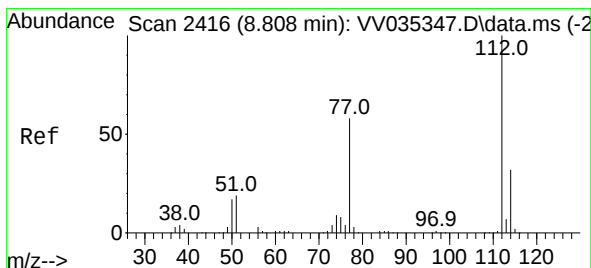
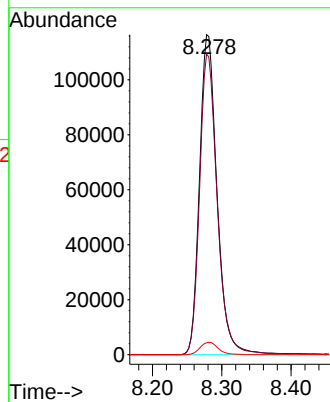
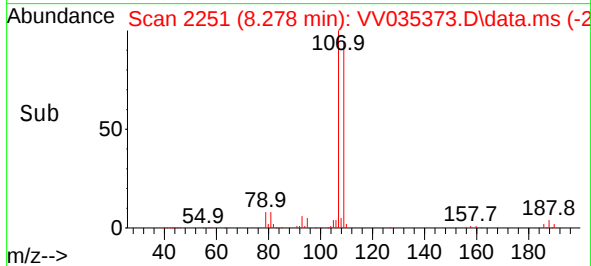


#50
1,2-Dibromoethane
Concen: 52.308 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

Instrument :
MSVOA_V
ClientSampleId :

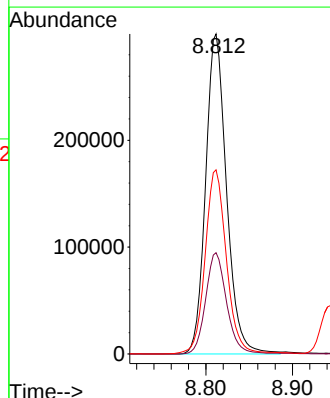
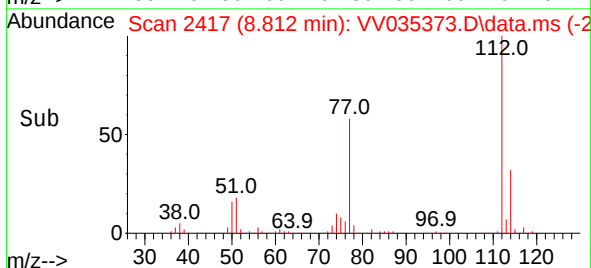
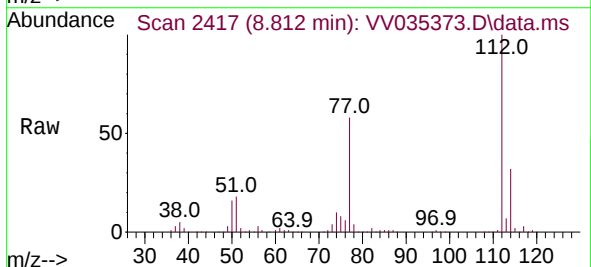


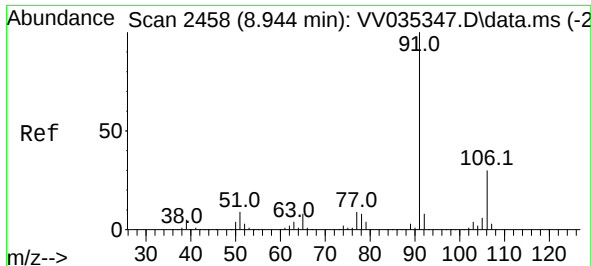
Tgt Ion:107 Resp: 204635
Ion Ratio Lower Upper
107 100
109 93.9 64.5 119.9
188 3.7 2.8 4.2



#51
Chlorobenzene
Concen: 53.170 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

Tgt Ion:112 Resp: 503300
Ion Ratio Lower Upper
112 100
114 31.6 22.0 41.0
77 57.6 47.4 71.2





#52

Ethylbenzene

Concen: 49.420 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV035373.D

Acq: 23 Apr 2024 20:10

Instrument :

MSVOA_V

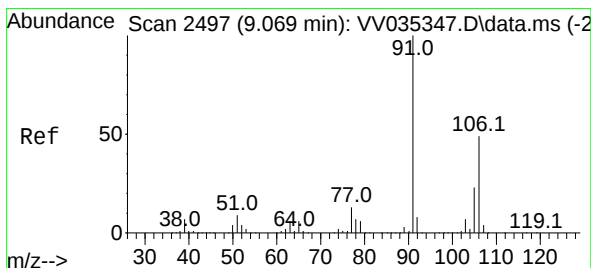
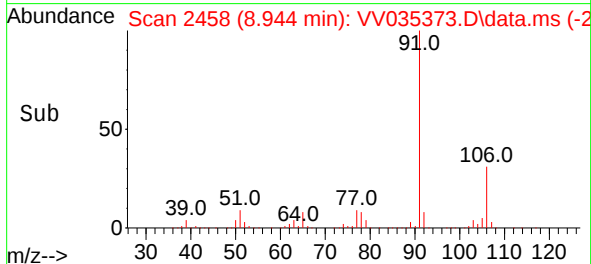
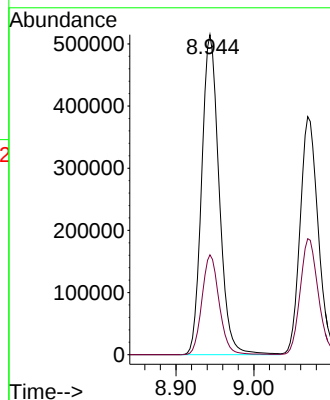
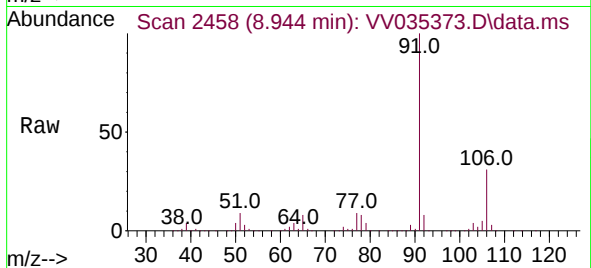
ClientSampleId :

Tgt Ion: 91 Resp: 799950

Ion Ratio Lower Upper

91 100

106 31.2 21.3 39.5



#53

m,p-Xylene

Concen: 50.463 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.000 min

Lab File: VV035373.D

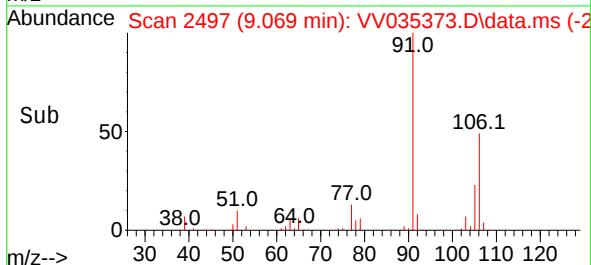
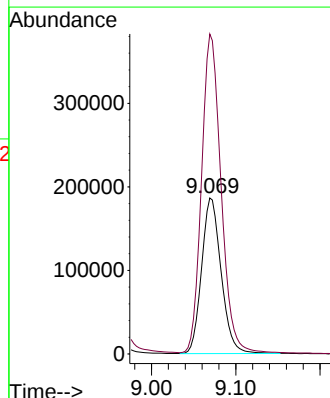
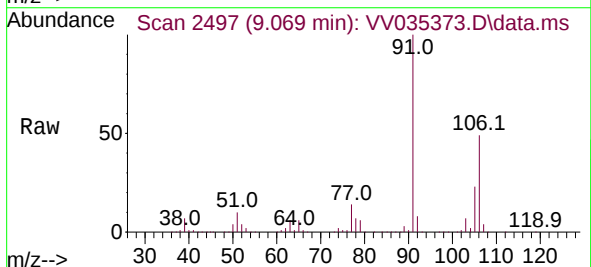
Acq: 23 Apr 2024 20:10

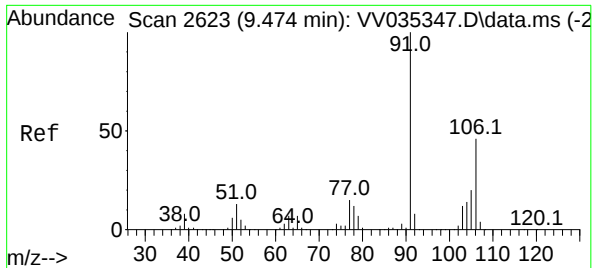
Tgt Ion: 106 Resp: 300812

Ion Ratio Lower Upper

106 100

91 205.1 144.8 269.0

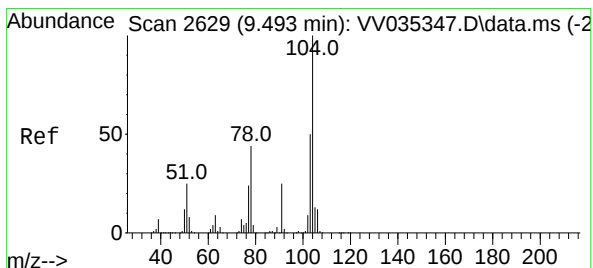
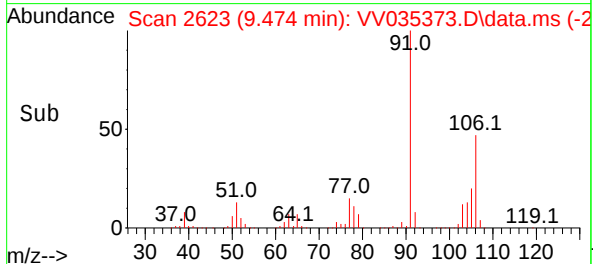
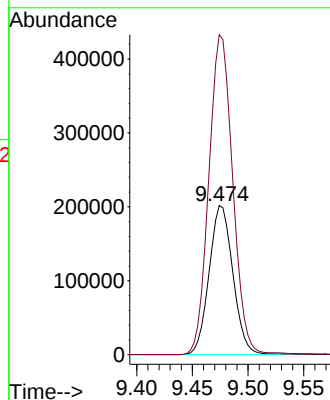
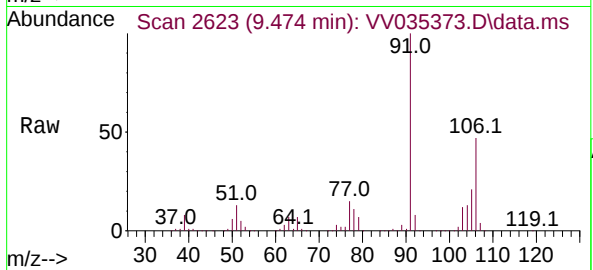




#54
o-Xylene
Concen: 50.852 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

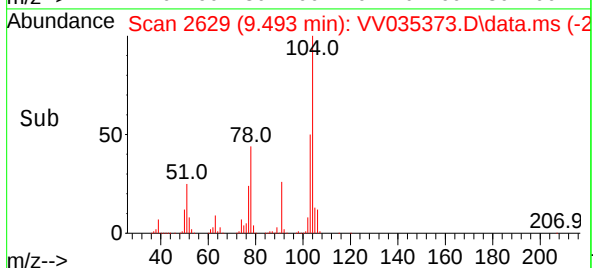
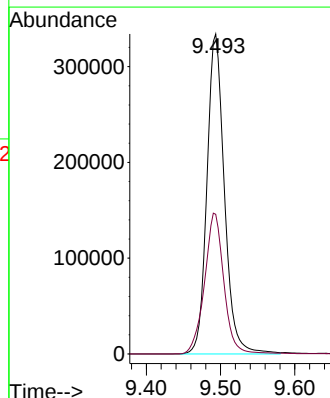
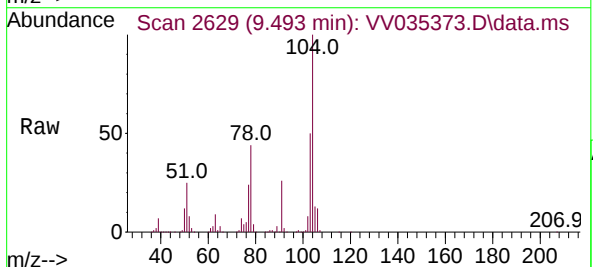
Instrument :
MSVOA_V
ClientSampleId :

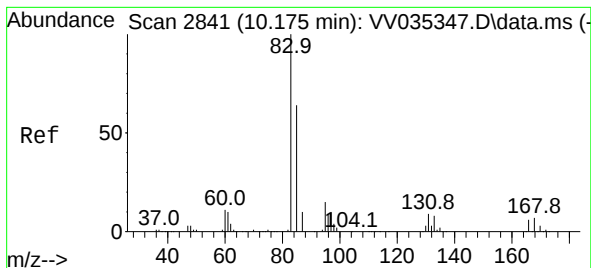
Tgt Ion:106 Resp: 299929
Ion Ratio Lower Upper
106 100
91 214.6 151.3 280.9



#55
Styrene
Concen: 54.726 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

Tgt Ion:104 Resp: 545458
Ion Ratio Lower Upper
104 100
78 43.7 31.5 58.5

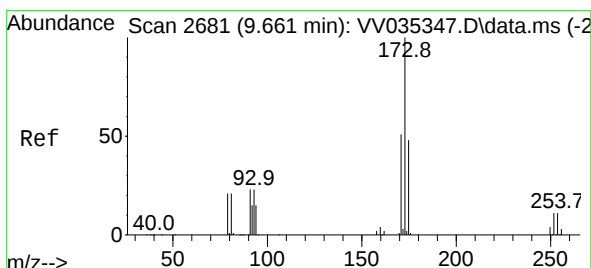
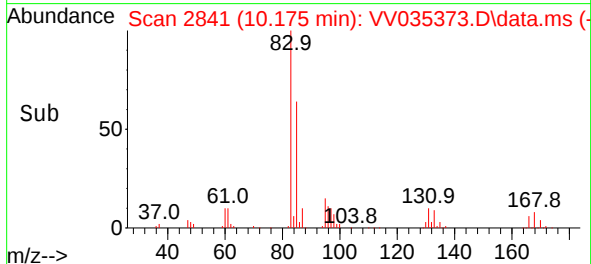
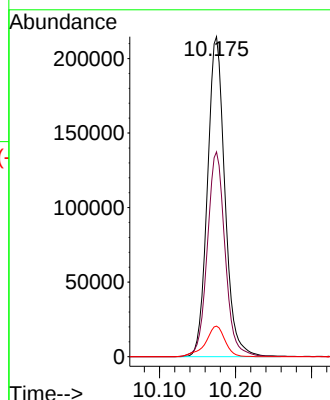
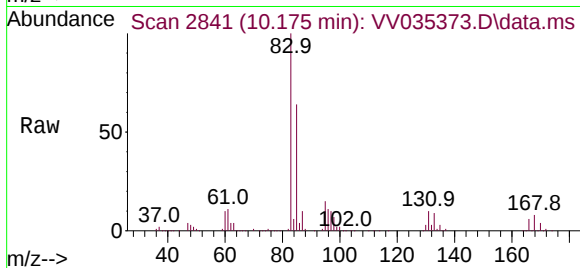




#57
1,1,2,2-Tetrachloroethane
Concen: 58.103 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

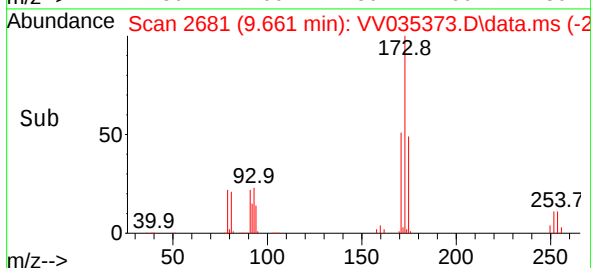
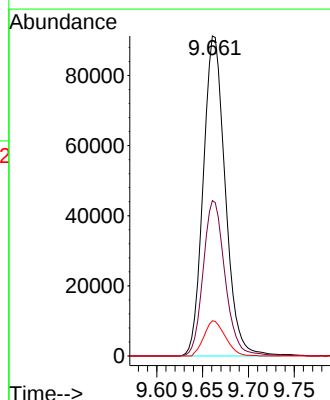
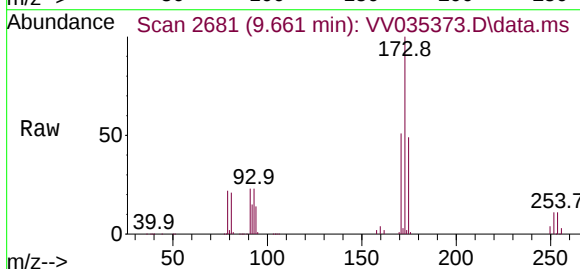
Instrument :
MSVOA_V
ClientSampleId :

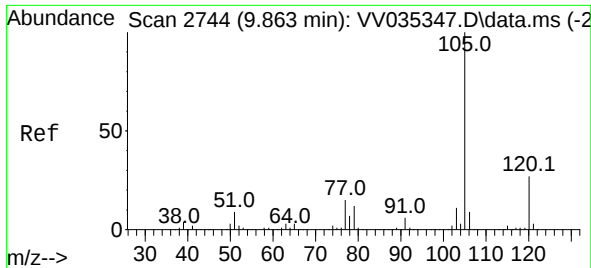
Tgt Ion: 83 Resp: 342078
Ion Ratio Lower Upper
83 100
85 64.0 44.5 82.7
131 9.5 6.9 10.3



#59
Bromoform
Concen: 55.508 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

Tgt Ion: 173 Resp: 152469
Ion Ratio Lower Upper
173 100
175 48.4 39.3 58.9
254 10.7 7.5 11.3

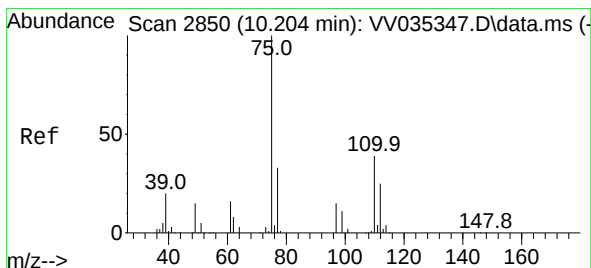
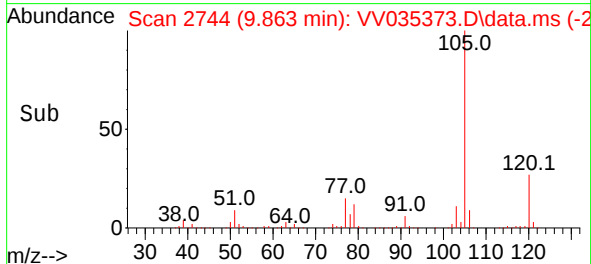
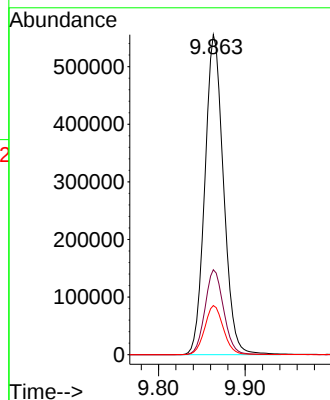
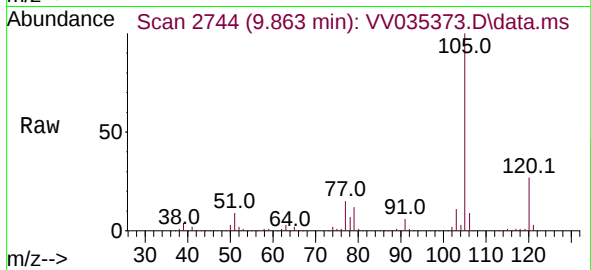




#60
Isopropylbenzene
Concen: 48.093 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

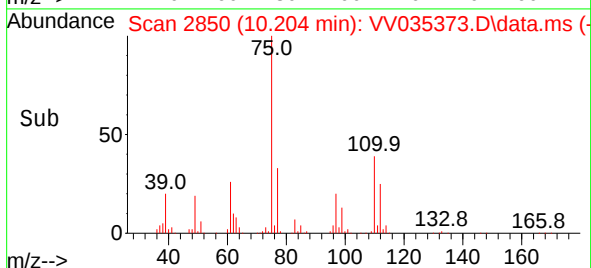
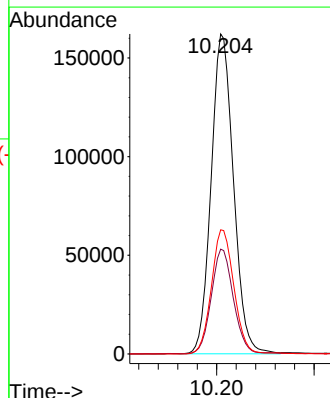
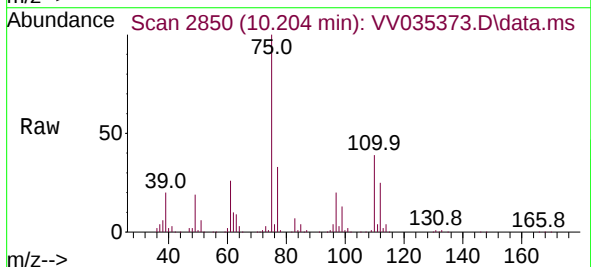
Instrument :
MSVOA_V
ClientSampleId :

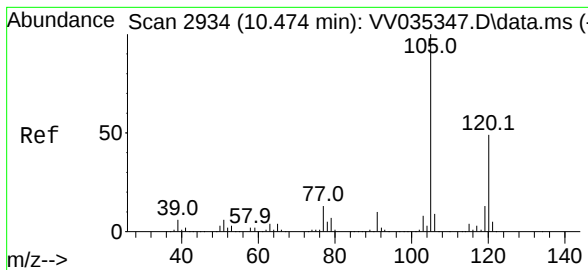
Tgt Ion:105 Resp: 831031
Ion Ratio Lower Upper
105 100
120 26.6 21.0 31.6
77 15.5 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 49.659 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

Tgt Ion: 75 Resp: 257930
Ion Ratio Lower Upper
75 100
77 32.1 26.0 39.0
110 38.9 30.5 45.7

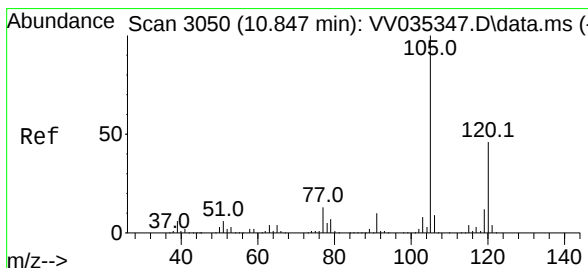
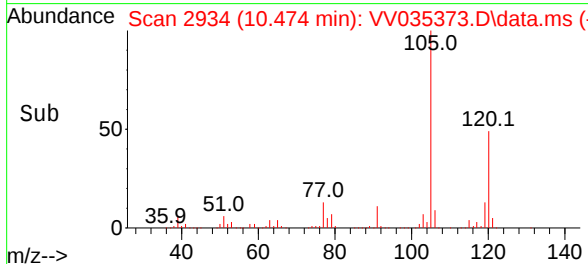
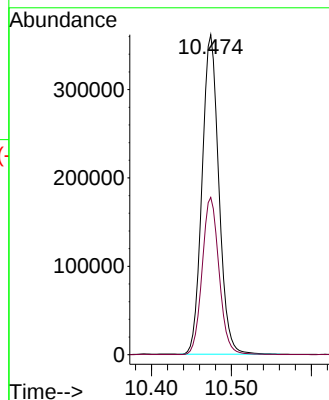
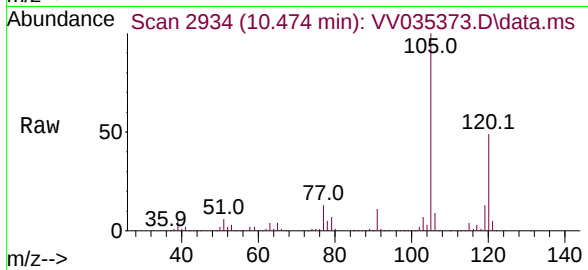




#62
1,3,5-Trimethylbenzene
Concen: 47.067 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.000 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

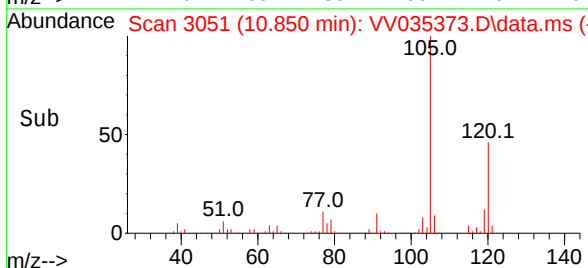
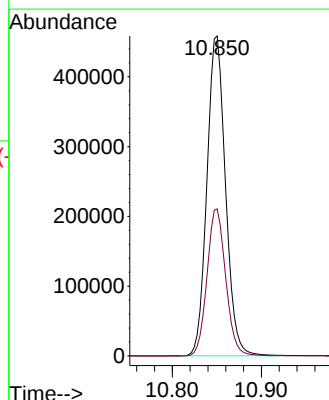
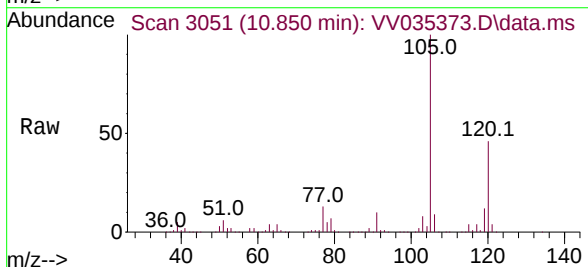
Instrument :
MSVOA_V
ClientSampleId :

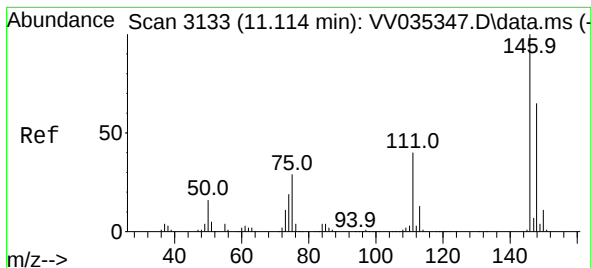
Tgt Ion:105 Resp: 528204
Ion Ratio Lower Upper
105 100
120 49.7 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 47.872 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.003 min
Lab File: VV035373.D
Acq: 23 Apr 2024 20:10

Tgt Ion:105 Resp: 664222
Ion Ratio Lower Upper
105 100
120 46.2 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 51.922 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035373.D

Acq: 23 Apr 2024 20:10

Instrument :

MSVOA_V

ClientSampleId :

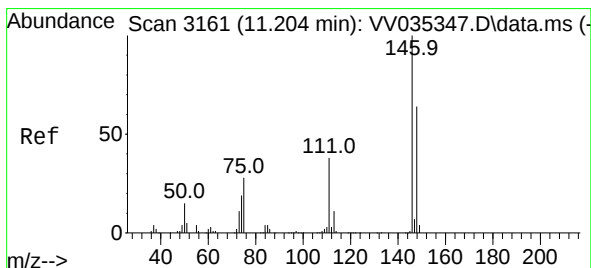
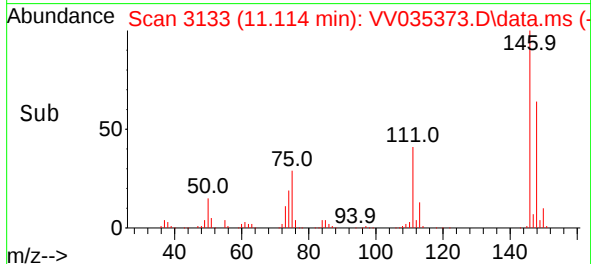
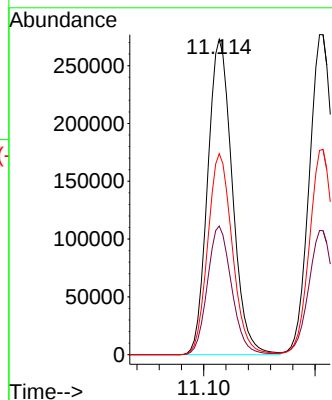
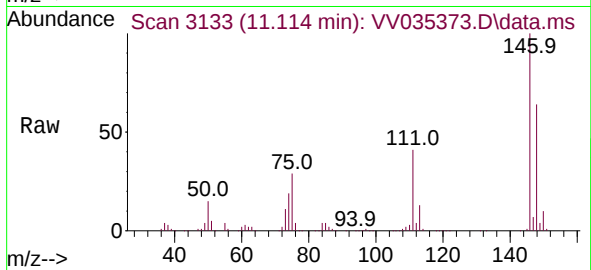
Tgt Ion:146 Resp: 419283

Ion Ratio Lower Upper

146 100

111 40.8 28.7 53.3

148 63.7 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 53.633 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV035373.D

Acq: 23 Apr 2024 20:10

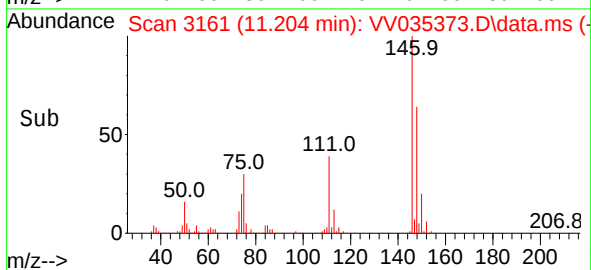
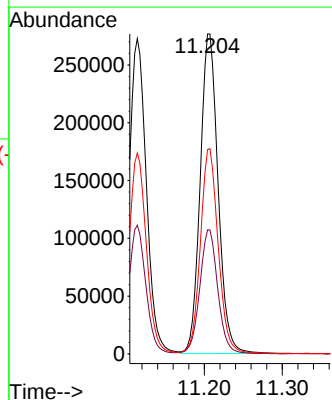
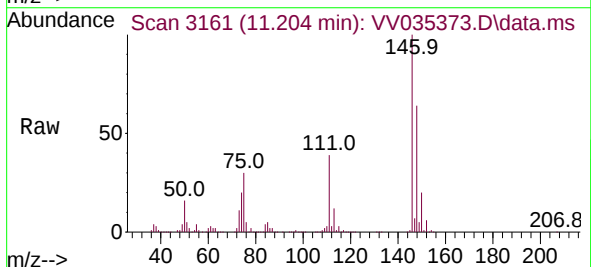
Tgt Ion:146 Resp: 440431

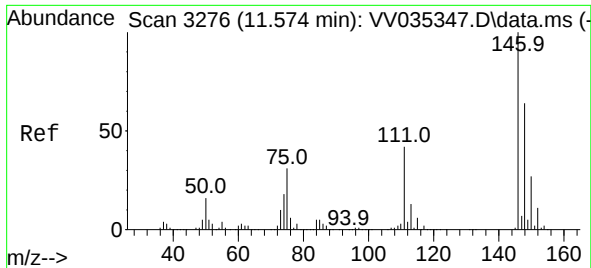
Ion Ratio Lower Upper

146 100

111 38.8 27.4 50.8

148 63.8 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 55.585 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV035373.D

Acq: 23 Apr 2024 20:10

Instrument :

MSVOA_V

ClientSampleId :

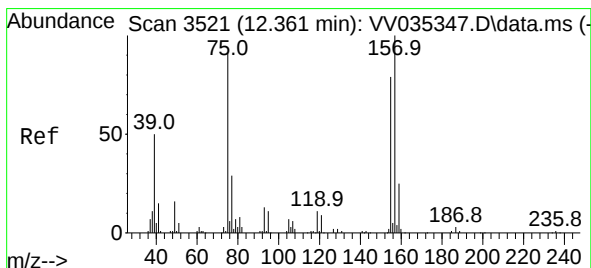
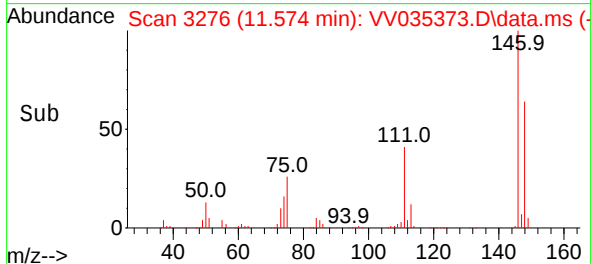
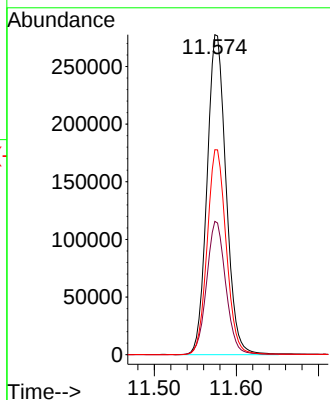
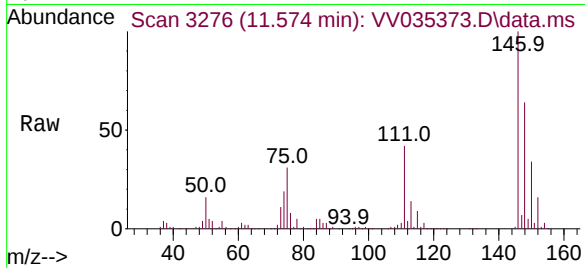
Tgt Ion:146 Resp: 447146

Ion Ratio Lower Upper

146 100

111 41.6 34.6 52.0

148 64.0 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 47.668 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035373.D

Acq: 23 Apr 2024 20:10

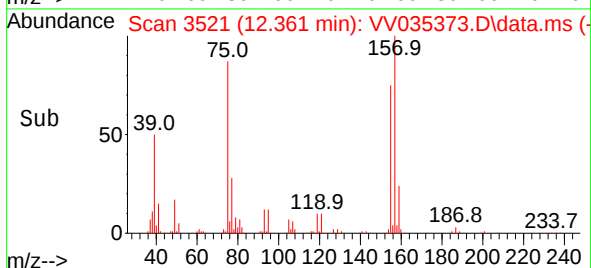
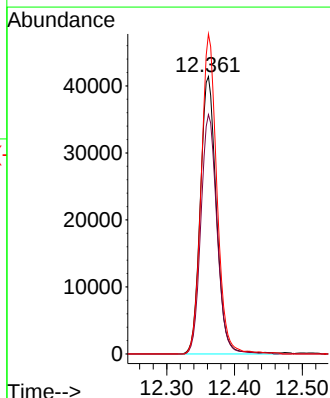
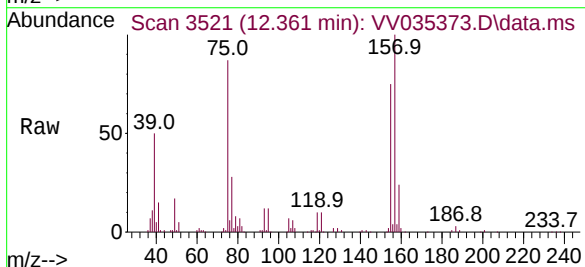
Tgt Ion: 75 Resp: 68210

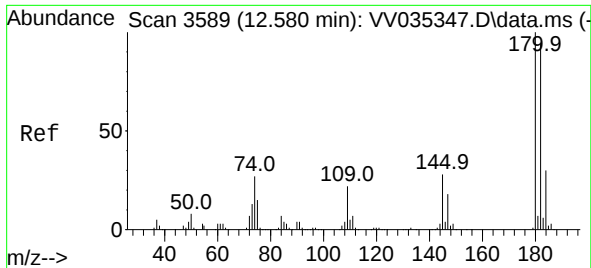
Ion Ratio Lower Upper

75 100

155 86.3 63.0 94.6

157 115.4 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 53.391 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

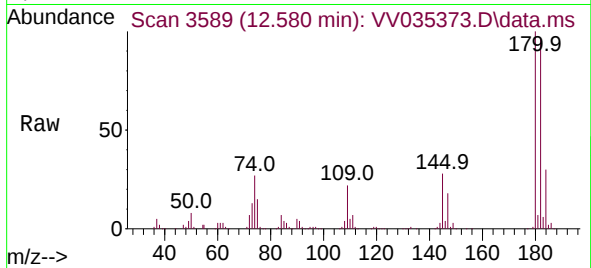
Lab File: VV035373.D

Acq: 23 Apr 2024 20:10

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 310724

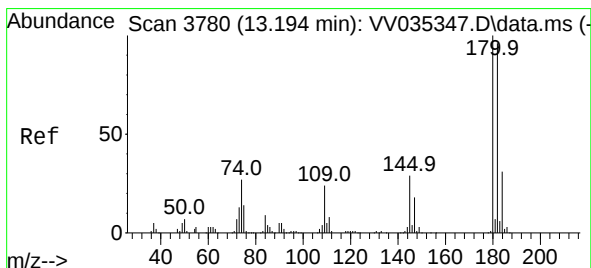
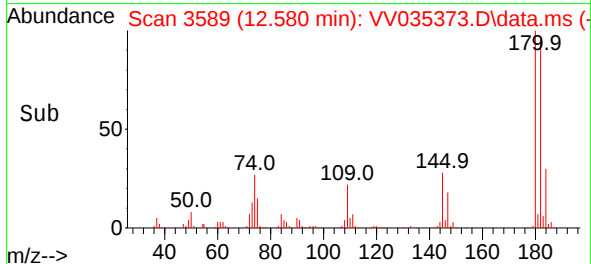
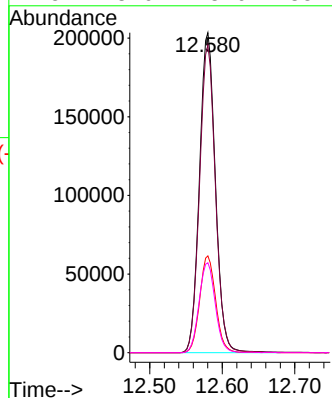
Ion Ratio Lower Upper

180 100

182 95.9 74.7 112.1

184 30.3 24.0 36.0

145 28.6 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 53.563 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV035373.D

Acq: 23 Apr 2024 20:10

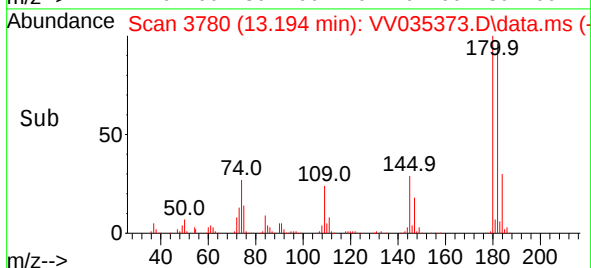
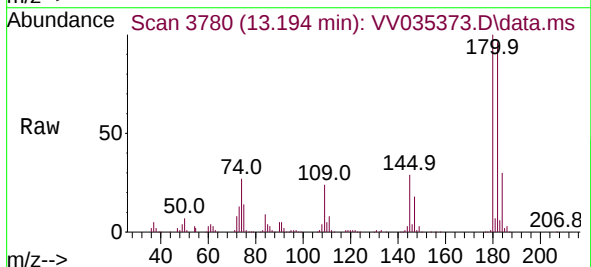
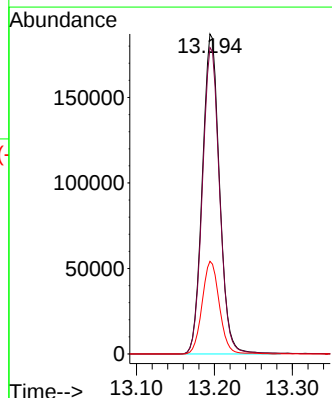
Tgt Ion:180 Resp: 286343

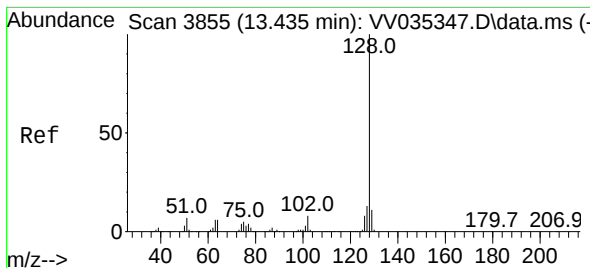
Ion Ratio Lower Upper

180 100

182 96.0 75.6 113.4

145 28.8 24.1 36.1





#71

Naphthalene

Concen: 42.379 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035373.D

Acq: 23 Apr 2024 20:10

Instrument :

MSVOA_V

ClientSampleId :

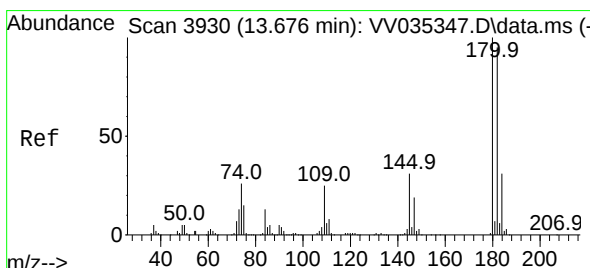
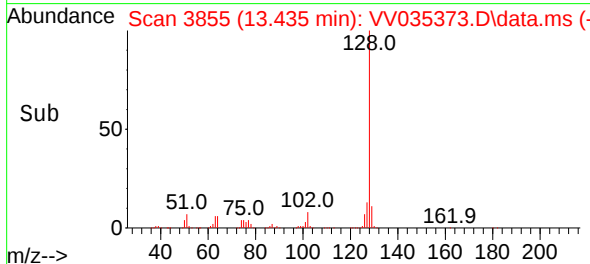
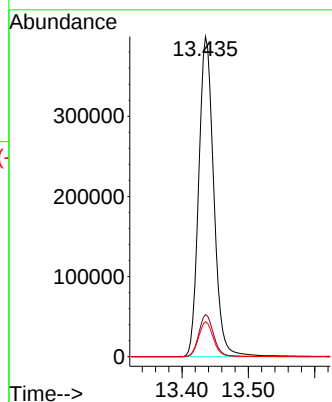
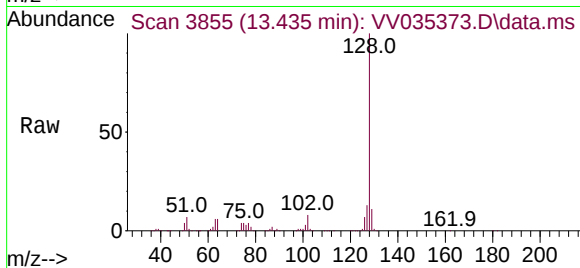
Tgt Ion:128 Resp: 628547

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 54.187 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035373.D

Acq: 23 Apr 2024 20:10

Tgt Ion:180 Resp: 285541

Ion Ratio Lower Upper

180 100

182 93.8 76.2 114.2

145 30.2 25.8 38.6

