

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
 Data File : VV035017.D
 Acq On : 05 Apr 2024 20:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 06 01:06:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 00:54:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	269217	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	261820	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	132590	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	123742	47.594	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.180%
7) Chloroethane-d5	1.532	69	113332	50.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.380%
11) 1,1-Dichloroethene-d2	2.060	65	54175	47.534	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.060%
21) 2-Butanone-d5	3.789	46	160322	103.971	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.970%
24) Chloroform-d	4.249	84	214016	48.958	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.920%
26) 1,2-Dichloroethane-d4	4.941	65	135567	48.846	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.700%
32) Benzene-d6	4.960	84	423210	48.121	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.240%
36) 1,2-Dichloropropane-d6	5.985	67	135242	48.426	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.860%
41) Toluene-d8	7.239	98	389924	49.231	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.460%
43) trans-1,3-Dichloroprop...	7.551	79	61203	45.079	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.160%
47) 2-Hexanone-d5	8.024	63	96523	91.414	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.410%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	194273	50.516	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.040%
66) 1,2-Dichlorobenzene-d4	11.558	152	140275	47.121	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	113632	58.236	ug/L	100
3) Chloromethane	1.217	50	120814	48.163	ug/L	99
5) Vinyl chloride	1.285	62	128241	48.766	ug/L	99
6) Bromomethane	1.487	94	86767	44.017	ug/L	99
8) Chloroethane	1.548	64	92048	51.251	ug/L	99
9) Trichlorofluoromethane	1.712	101	190923	55.316	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	130311	61.684	ug/L	98
12) 1,1-Dichloroethene	2.069	96	103108	51.031	ug/L	99
13) Acetone	2.117	43	154039	108.810	ug/L	99
14) Carbon disulfide	2.243	76	259786	45.658	ug/L	100
15) Methyl Acetate	2.375	43	146958	65.874	ug/L	99
16) Methylene chloride	2.445	84	132207	60.389	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	104631	53.563	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	391877	57.114	ug/L	99
19) 1,1-Dichloroethane	3.111	63	235140	58.699	ug/L	97
20) cis-1,2-Dichloroethene	3.815	96	123886	55.849	ug/L	95
22) 2-Butanone	3.870	43	191718	116.707	ug/L	100
23) Bromochloromethane	4.146	128	64655	58.257	ug/L	98
25) Chloroform	4.275	83	230992	58.324	ug/L	100

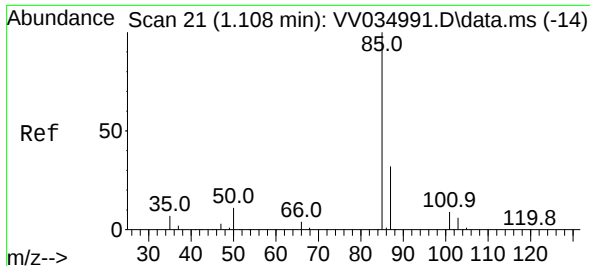
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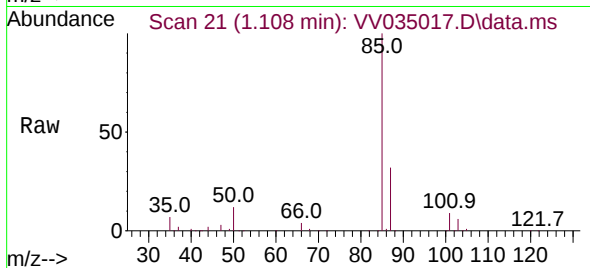
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	183625	58.232	ug/L	99
29) Cyclohexane	4.580	56	188310	57.425	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	194179	56.897	ug/L	99
31) Carbon tetrachloride	4.735	117	166078	57.414	ug/L	99
33) Benzene	5.008	78	475734	55.722	ug/L	100
34) Trichloroethene	5.831	95	121561	52.759	ug/L	99
35) Methylcyclohexane	6.047	83	212219	60.987	ug/L	99
37) 1,2-Dichloropropane	6.092	63	136759	57.964	ug/L	100
38) Bromodichloromethane	6.429	83	176551	57.996	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	204344	54.979	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	376041	124.832	ug/L	98
42) Toluene	7.313	91	506423	56.658	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	190454	55.775	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	132801	59.718	ug/L	98
46) Tetrachloroethene	7.905	164	93408	58.027	ug/L	97
48) 2-Hexanone	8.072	43	299820	117.023	ug/L	97
49) Dibromochloromethane	8.175	129	127895	58.067	ug/L	100
50) 1,2-Dibromoethane	8.281	107	138559	57.873	ug/L	100
51) Chlorobenzene	8.812	112	327589	56.548	ug/L	100
52) Ethylbenzene	8.944	91	551254	55.648	ug/L	100
53) m,p-Xylene	9.072	106	205139	56.232	ug/L	96
54) o-Xylene	9.477	106	200684	55.598	ug/L	96
55) Styrene	9.493	104	352170	57.735	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	222811	61.839	ug/L	98
59) Bromoform	9.664	173	92034	60.571	ug/L	99
60) Isopropylbenzene	9.866	105	551397	57.686	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	177850	61.901	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	349313	56.270	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	440071	57.336	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	254350	56.941	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	258304	56.863	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	261250	58.710	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	47182	59.607	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	177949	55.275	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	153499	51.907	ug/L	98
71) Naphthalene	13.439	128	415503	50.644	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	158690	54.440	ug/L	99

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

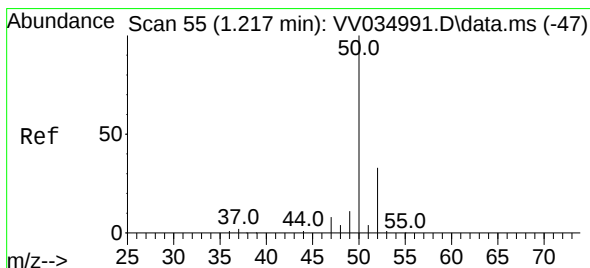
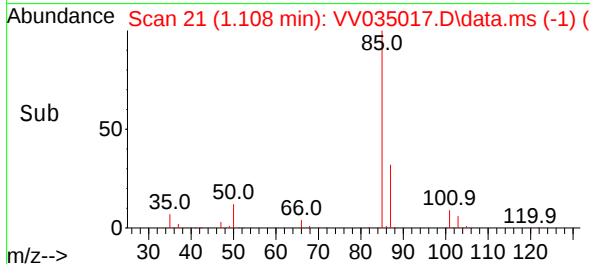
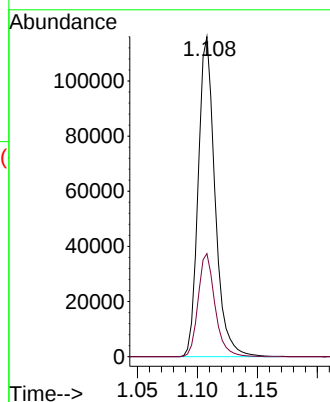


#2
 Dichlorodifluoromethane
 Concen: 58.236 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV035017.D
 Acq: 05 Apr 2024 20:09

Instrument :
 MSVOA_V
 ClientSampleId :

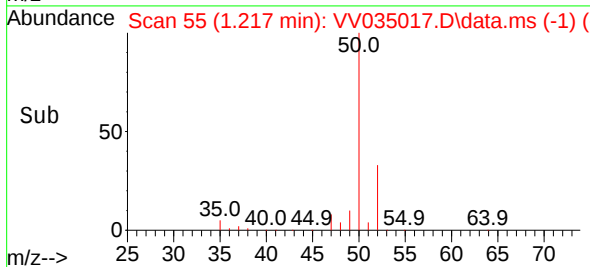
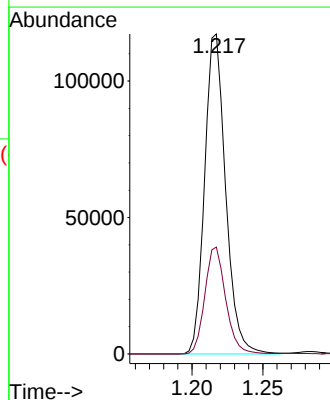
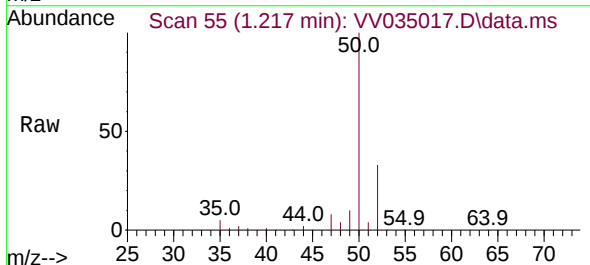


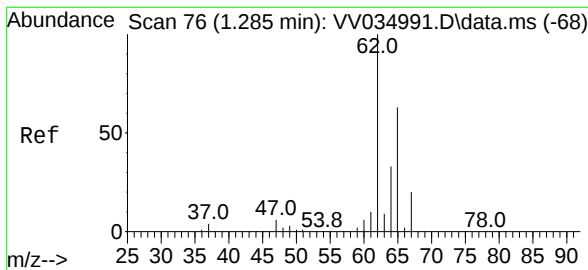
Tgt Ion: 85 Resp: 113632
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.7 38.5



#3
 Chloromethane
 Concen: 48.163 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV035017.D
 Acq: 05 Apr 2024 20:09

Tgt Ion: 50 Resp: 120814
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.0 42.8

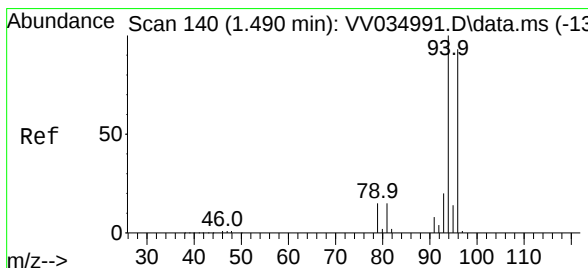
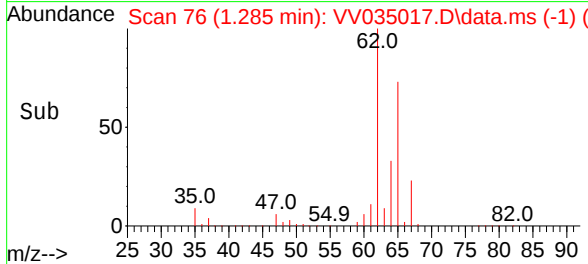
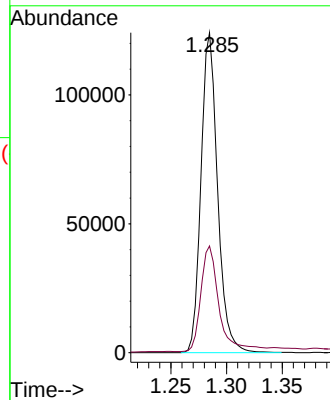
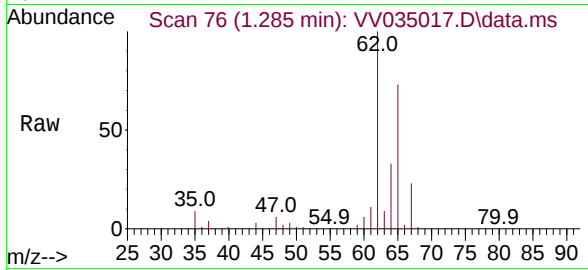




#5
 Vinyl chloride
 Concen: 48.766 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV035017.D
 Acq: 05 Apr 2024 20:09

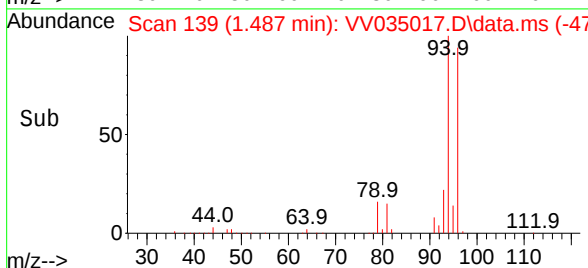
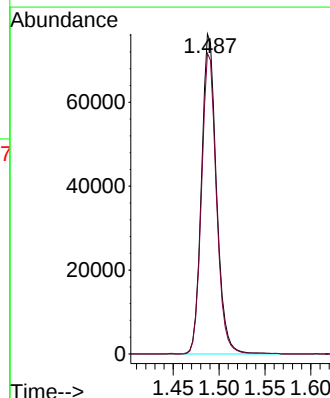
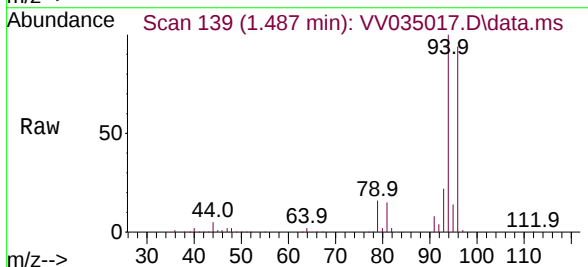
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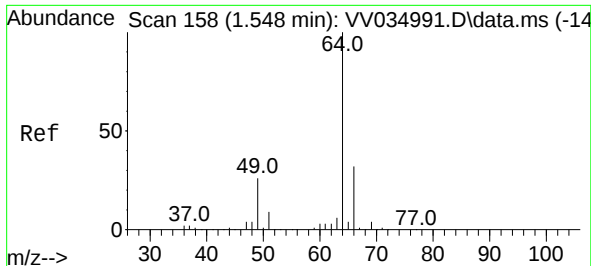
Tgt Ion: 62 Resp: 128241
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.6 43.8



#6
 Bromomethane
 Concen: 44.017 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV035017.D
 Acq: 05 Apr 2024 20:09

Tgt Ion: 94 Resp: 86767
 Ion Ratio Lower Upper
 94 100
 96 93.9 66.3 123.1

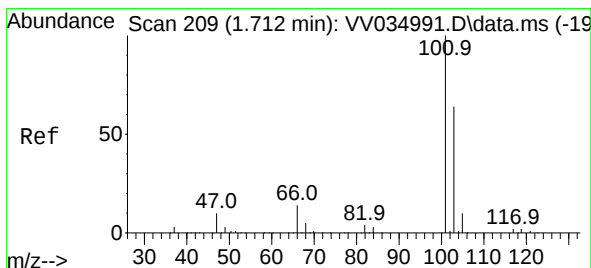
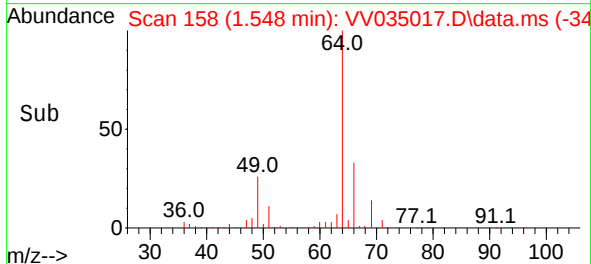
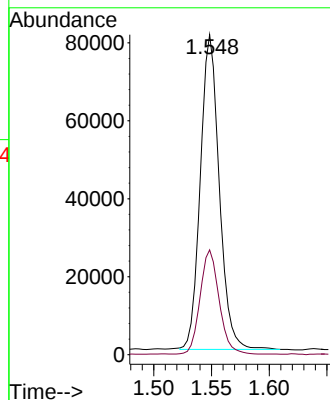
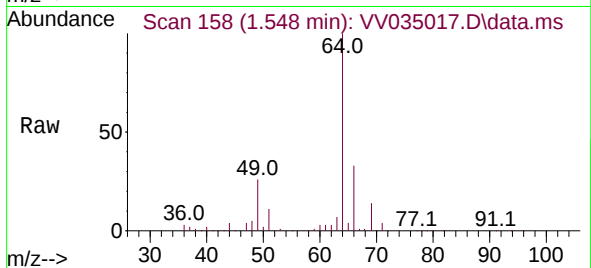




#8
Chloroethane
Concen: 51.251 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

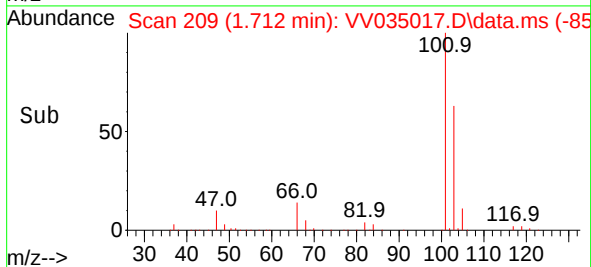
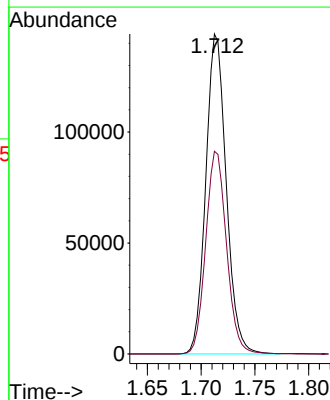
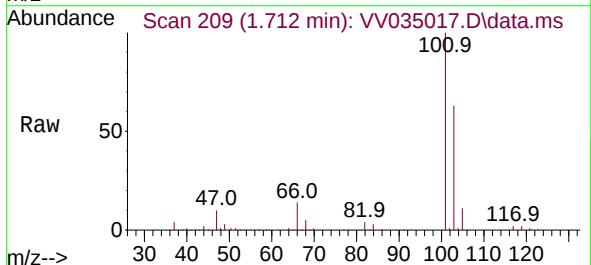
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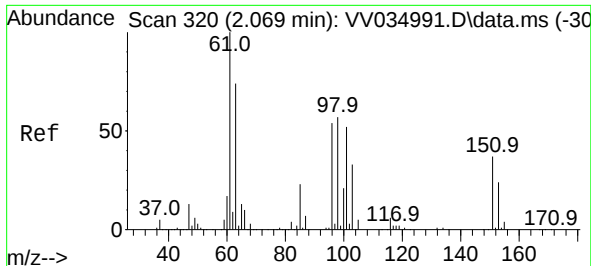
Tgt Ion: 64 Resp: 92048
Ion Ratio Lower Upper
64 100
66 32.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 55.316 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

Tgt Ion:101 Resp: 190923
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

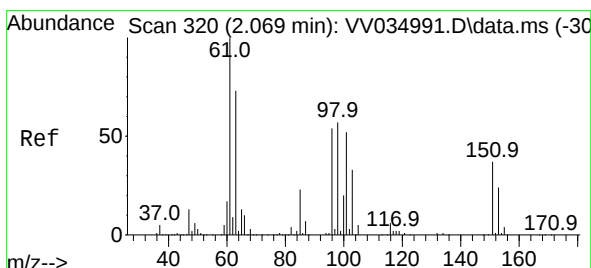
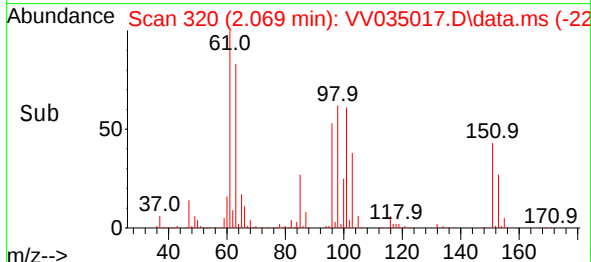
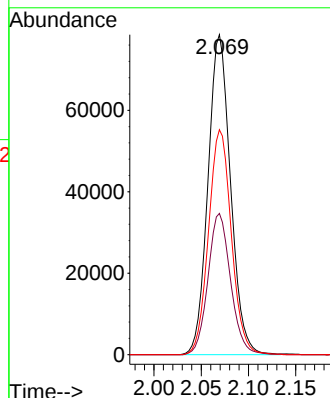
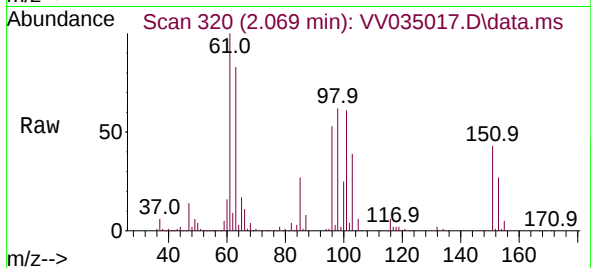




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 61.684 ug/L
RT: 2.069 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

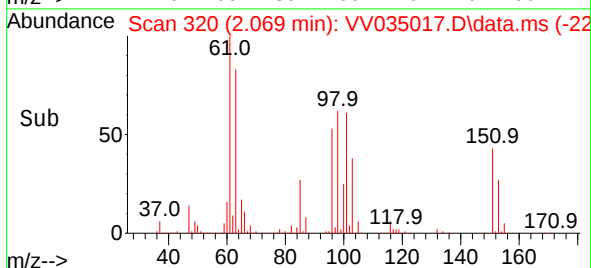
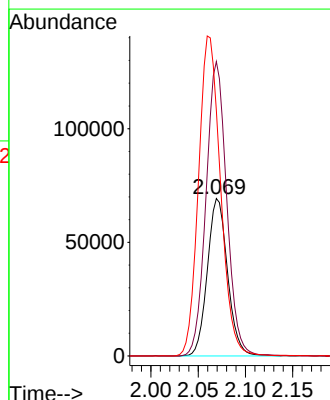
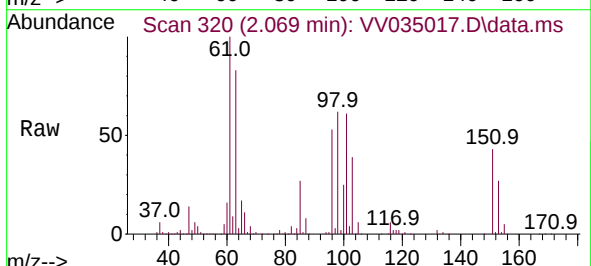
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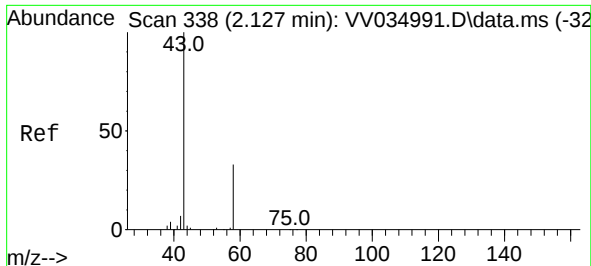
Tgt Ion:101 Resp: 130311
Ion Ratio Lower Upper
101 100
85 44.3 35.3 52.9
151 71.2 55.0 82.4



#12
1,1-Dichloroethene
Concen: 51.031 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

Tgt Ion: 96 Resp: 103108
Ion Ratio Lower Upper
96 100
61 186.9 131.5 244.3
63 155.9 111.4 206.8





#13

Acetone

Concen: 108.810 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.010 min

Lab File: VV035017.D

Acq: 05 Apr 2024 20:09

Instrument :

MSVOA_V

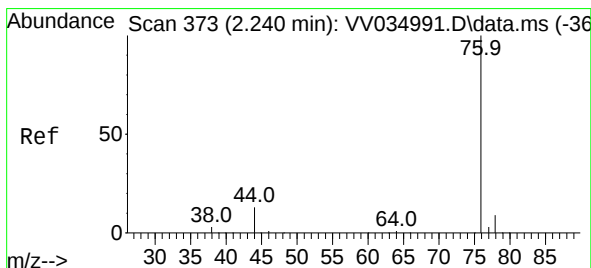
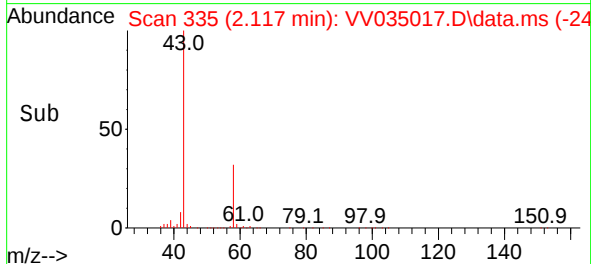
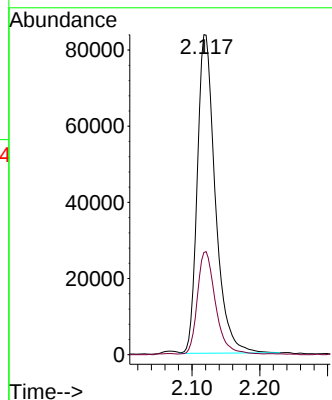
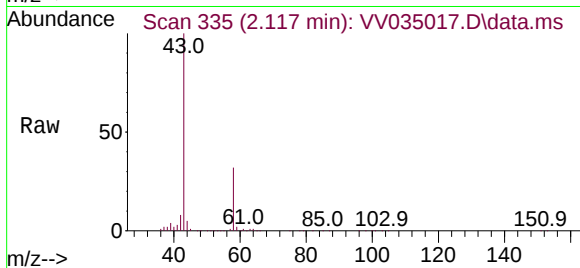
ClientSampleId :

Tgt Ion: 43 Resp: 154039

Ion Ratio Lower Upper

43 100

58 32.5 0.0 66.0



#14

Carbon disulfide

Concen: 45.658 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV035017.D

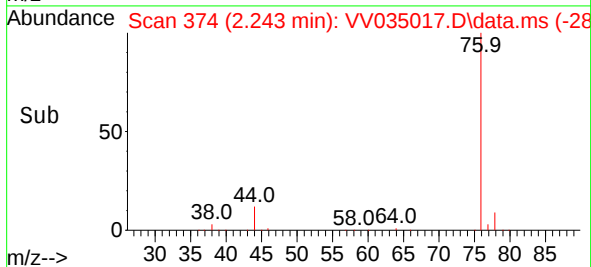
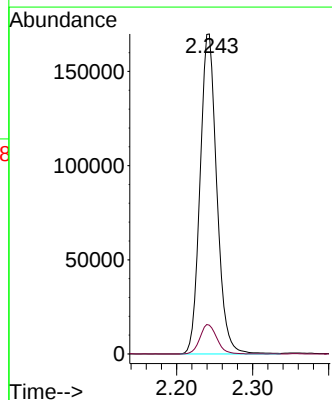
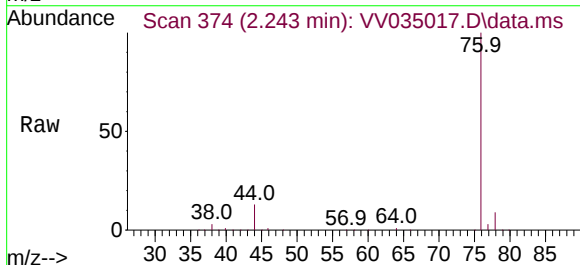
Acq: 05 Apr 2024 20:09

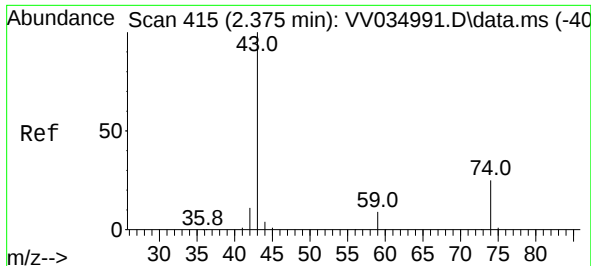
Tgt Ion: 76 Resp: 259786

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





#15

Methyl Acetate

Concen: 65.874 ug/L

RT: 2.375 min Scan# 415

Delta R.T. 0.000 min

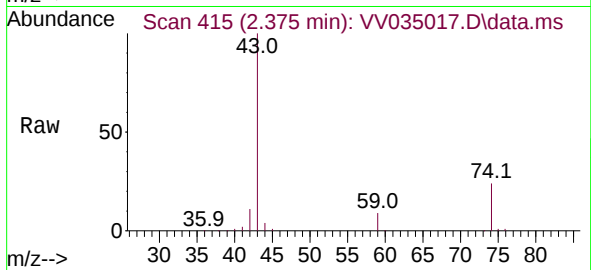
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Acq: 05 Apr 2024 20:09

Instrument :

MSVOA_V

ClientSampleId :

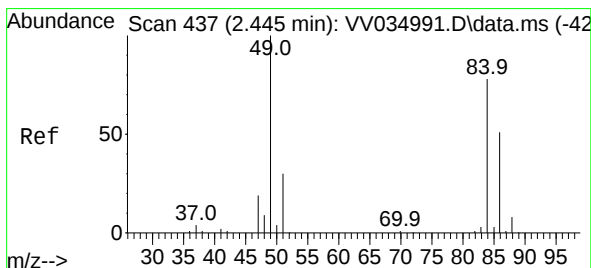
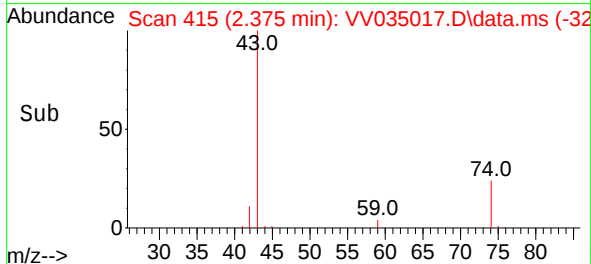
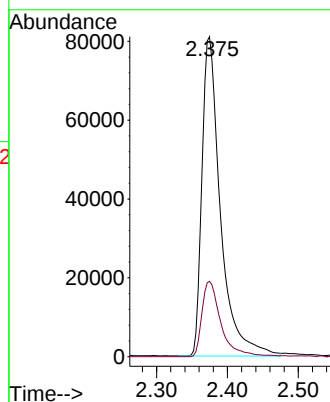


Tgt Ion: 43 Resp: 146958

Ion Ratio Lower Upper

43 100

74 24.3 19.8 29.8



#16

Methylene chloride

Concen: 60.389 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV035017.D

Acq: 05 Apr 2024 20:09

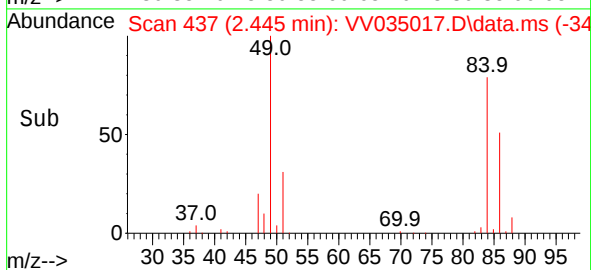
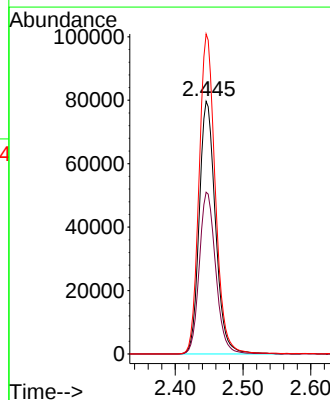
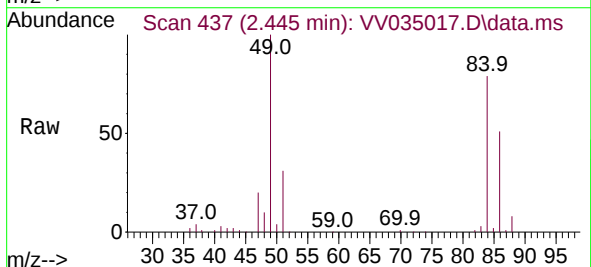
Tgt Ion: 84 Resp: 132207

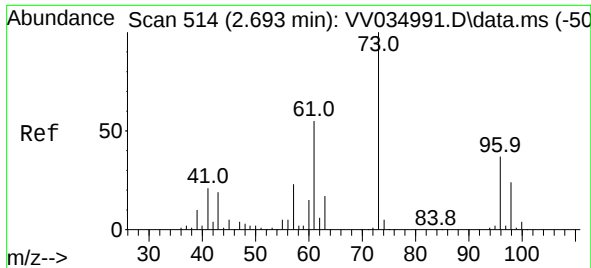
Ion Ratio Lower Upper

84 100

86 64.0 44.6 82.8

49 126.6 86.9 161.3

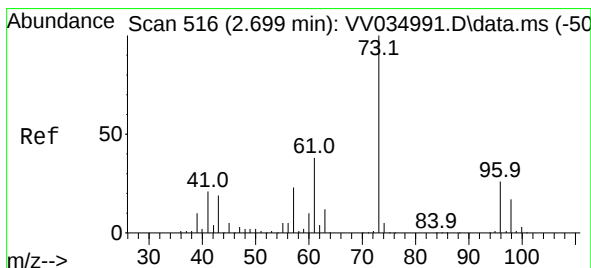
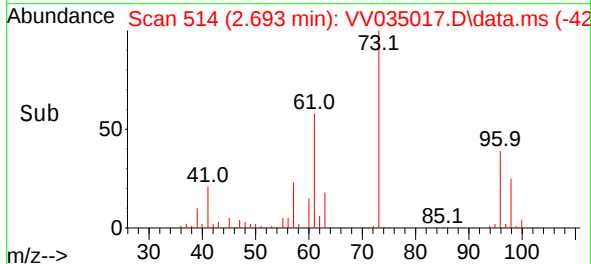
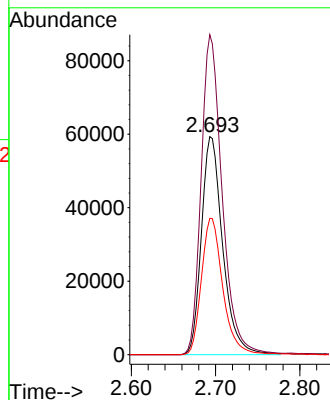
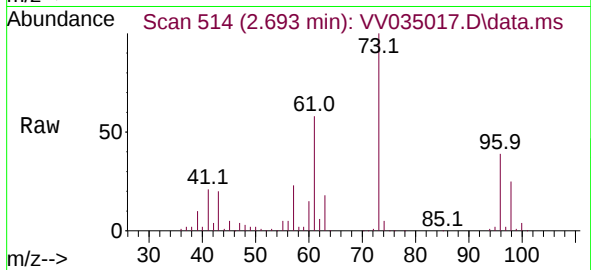




#17
trans-1,2-Dichloroethene
Concen: 53.563 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

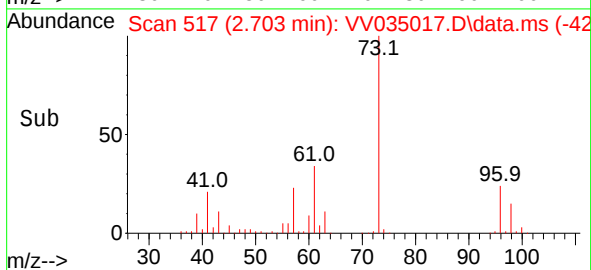
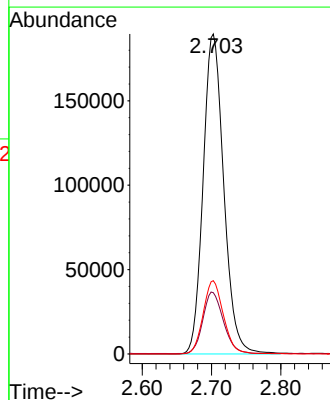
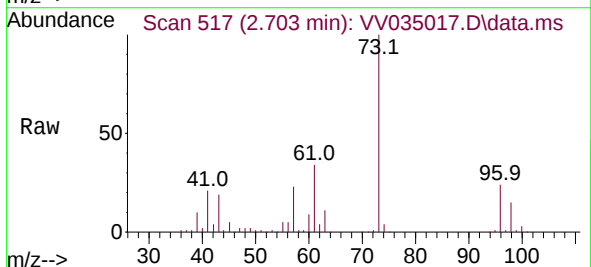
Instrument :
MSVOA_V
ClientSampleId :

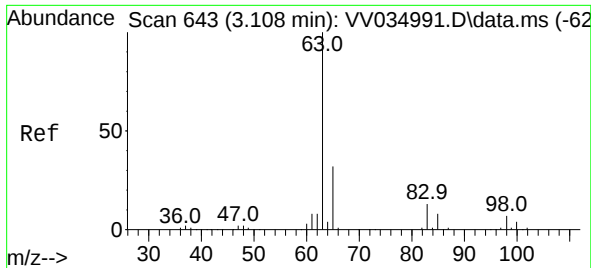
Tgt Ion: 96 Resp: 104631
Ion Ratio Lower Upper
96 100
61 146.8 99.0 183.8
98 62.5 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 57.114 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

Tgt Ion: 73 Resp: 391877
Ion Ratio Lower Upper
73 100
43 19.2 14.6 21.8
57 22.4 17.6 26.4

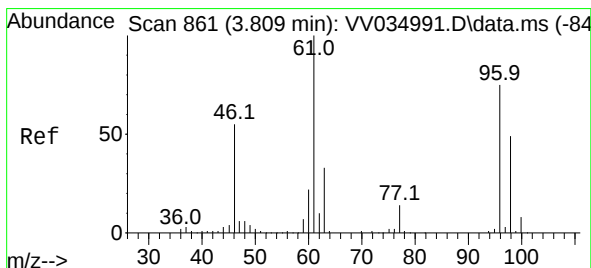
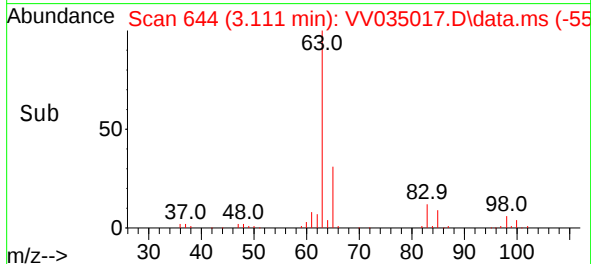
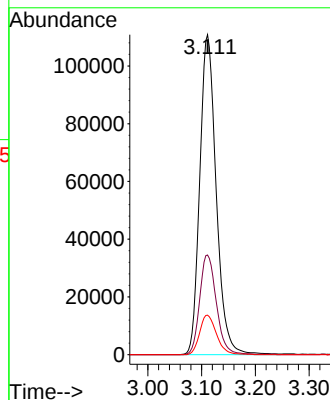
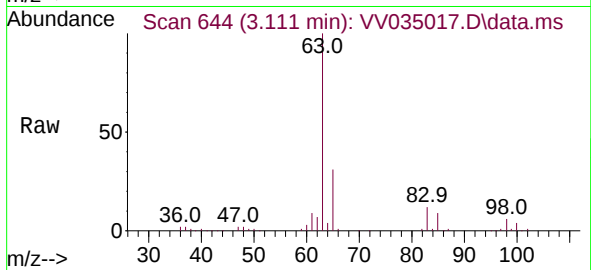




#19
1,1-Dichloroethane
Concen: 58.699 ug/L
RT: 3.111 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

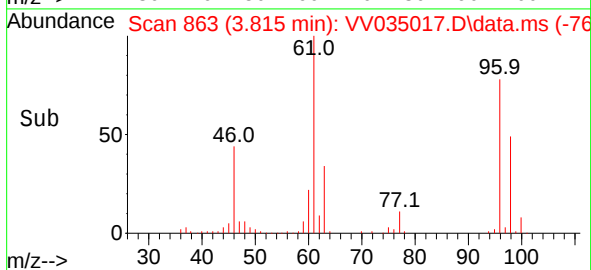
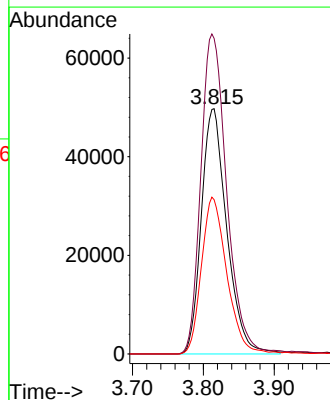
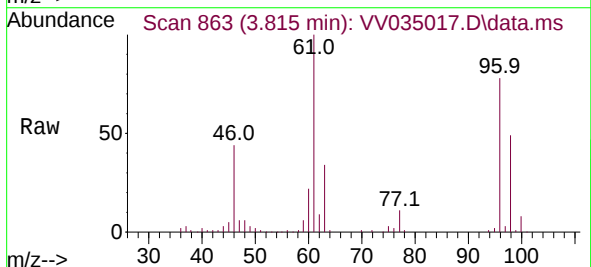
Instrument :
MSVOA_V
ClientSampleId :

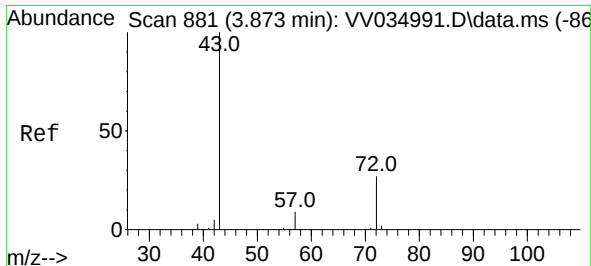
Tgt Ion: 63 Resp: 235140
Ion Ratio Lower Upper
63 100
65 31.2 23.0 42.6
83 12.4 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 55.849 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.007 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

Tgt Ion: 96 Resp: 123886
Ion Ratio Lower Upper
96 100
61 128.6 94.9 176.3
98 62.9 45.6 84.8

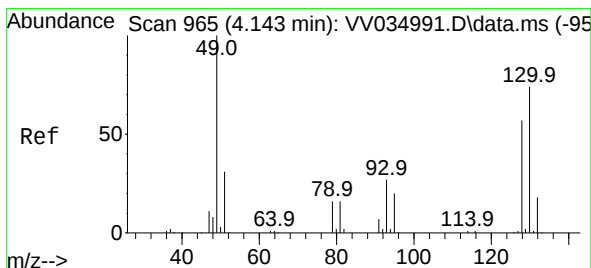
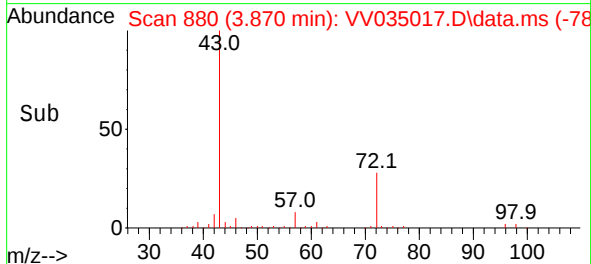
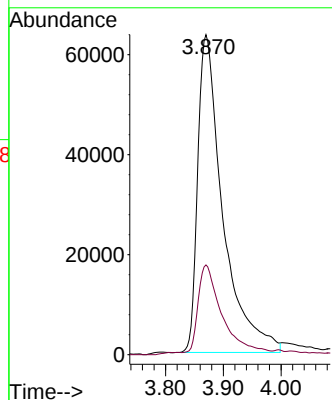
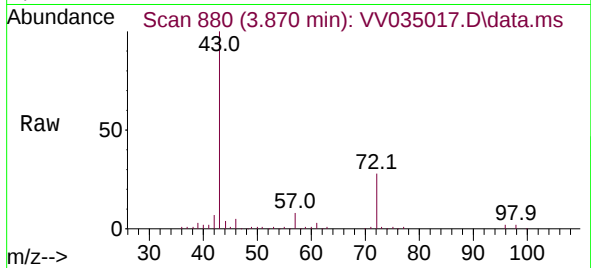




#22
2-Butanone
Concen: 116.707 ug/L
RT: 3.870 min Scan# 881
Delta R.T. -0.003 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

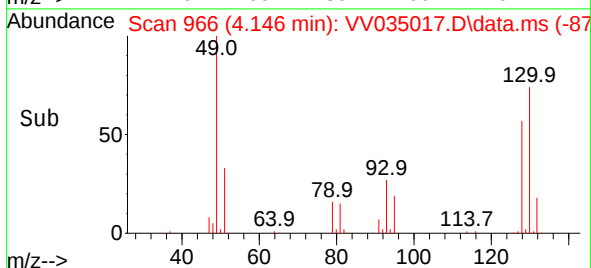
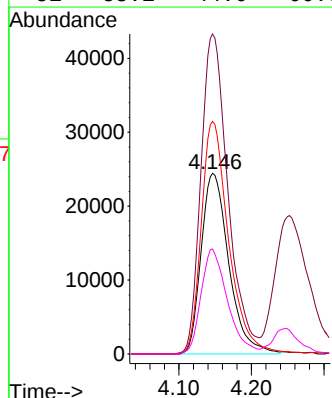
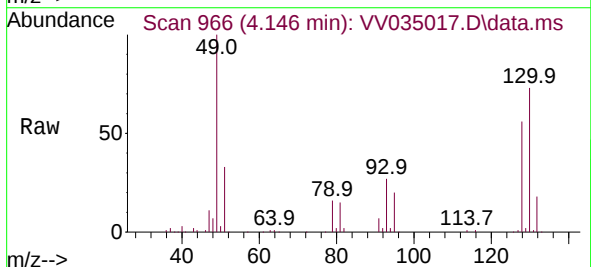
Instrument :
MSVOA_V
ClientSampleId :

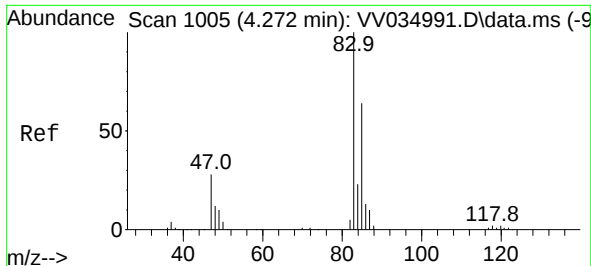
Tgt Ion: 43 Resp: 191718
Ion Ratio Lower Upper
43 100
72 26.2 13.2 39.6



#23
Bromochloromethane
Concen: 58.257 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

Tgt Ion:128 Resp: 64655
Ion Ratio Lower Upper
128 100
49 177.2 123.8 229.8
130 128.8 93.2 173.0
51 58.1 44.0 66.0





#25

Chloroform

Concen: 58.324 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035017.D

Acq: 05 Apr 2024 20:09

Instrument :

MSVOA_V

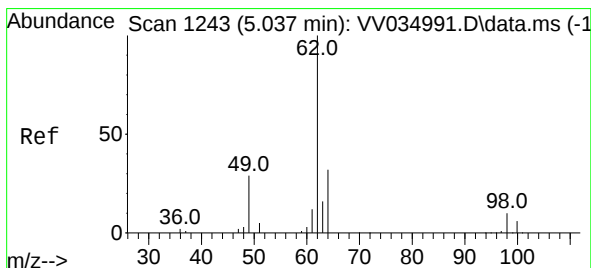
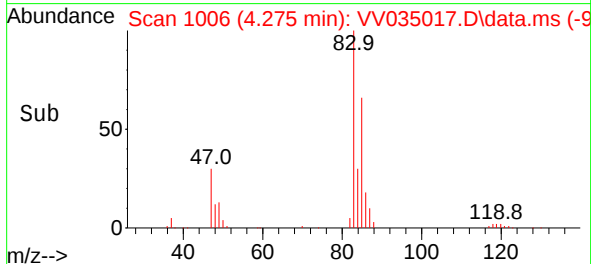
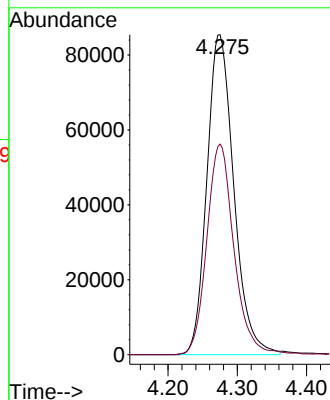
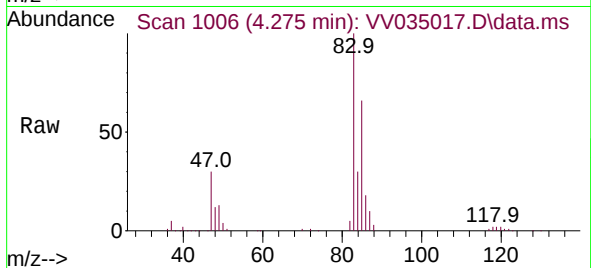
ClientSampleId :

Tgt Ion: 83 Resp: 230992

Ion Ratio Lower Upper

83 100

85 65.8 46.0 85.4



#27

1,2-Dichloroethane

Concen: 58.232 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV035017.D

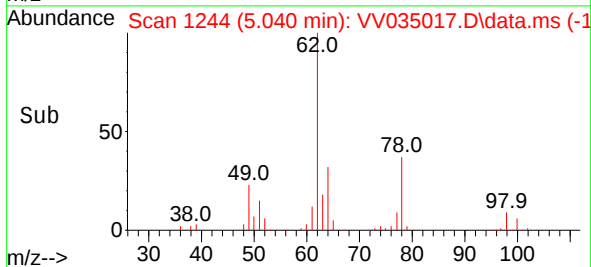
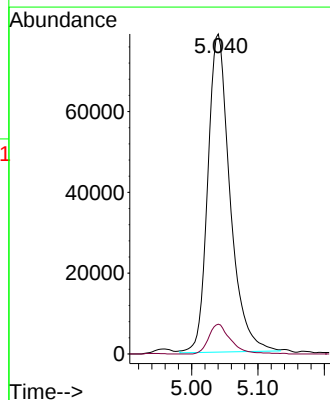
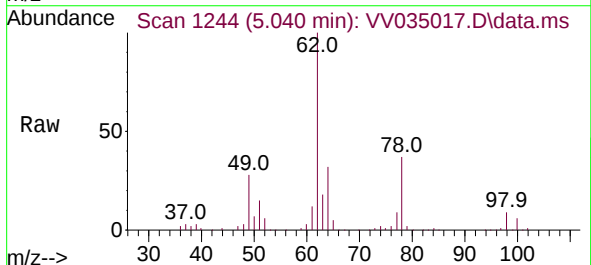
Acq: 05 Apr 2024 20:09

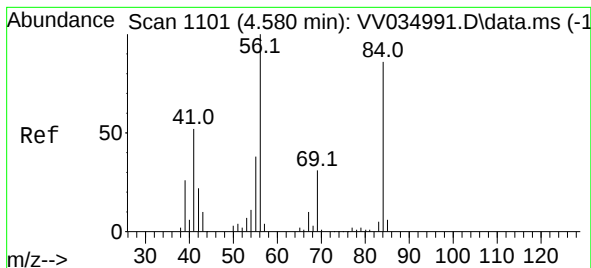
Tgt Ion: 62 Resp: 183625

Ion Ratio Lower Upper

62 100

98 9.3 7.2 10.8





#29

Cyclohexane

Concen: 57.425 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV035017.D

Acq: 05 Apr 2024 20:09

Instrument :

MSVOA_V

ClientSampleId :

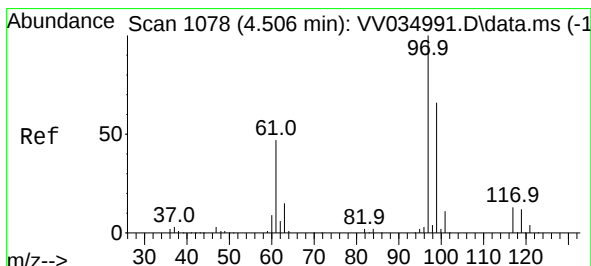
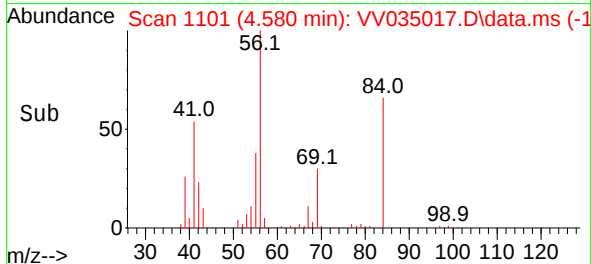
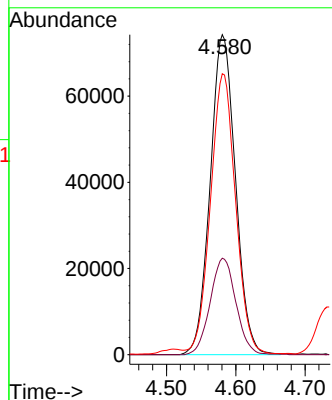
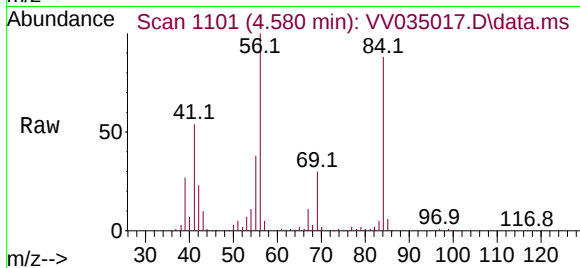
Tgt Ion: 56 Resp: 188310

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.2

84 87.4 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 56.897 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.003 min

Lab File: VV035017.D

Acq: 05 Apr 2024 20:09

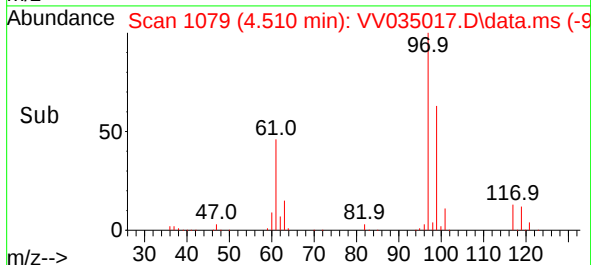
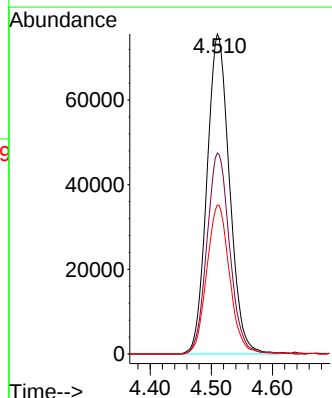
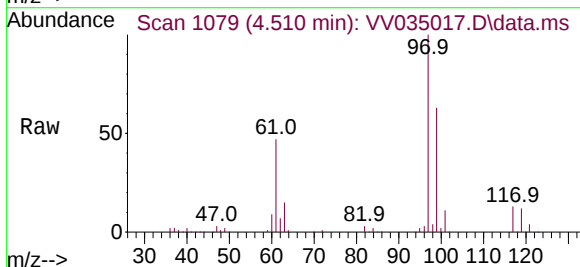
Tgt Ion: 97 Resp: 194179

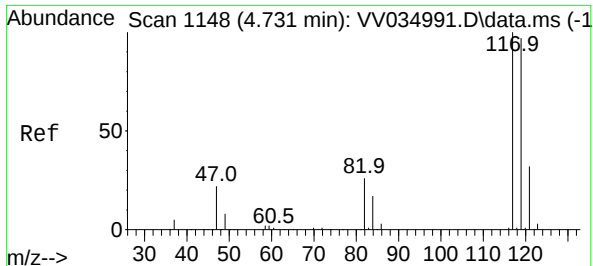
Ion Ratio Lower Upper

97 100

99 63.3 51.0 76.4

61 46.9 36.8 55.2

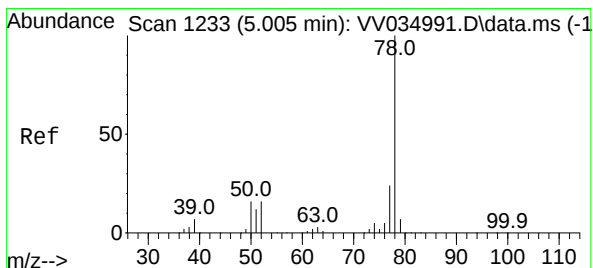
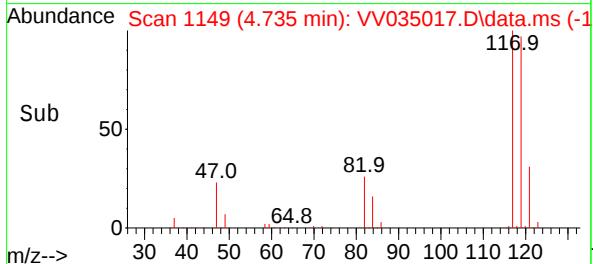
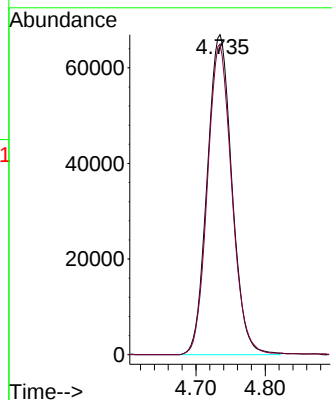
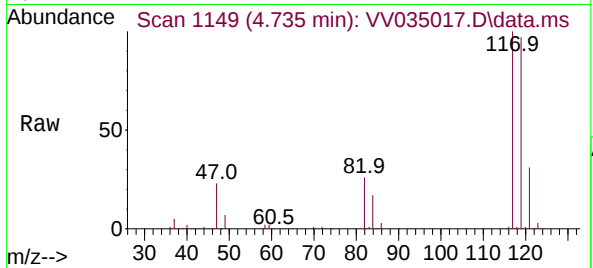




#31
Carbon tetrachloride
Concen: 57.414 ug/L
RT: 4.735 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

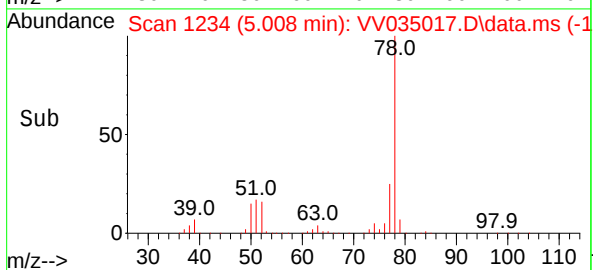
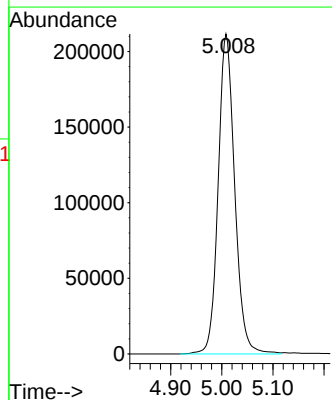
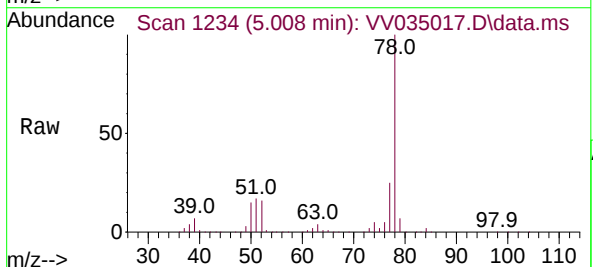
Instrument :
MSVOA_V
ClientSampleId :

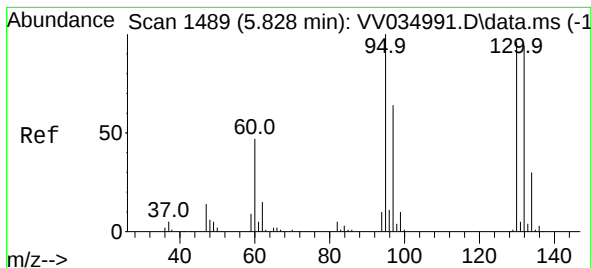
Tgt Ion:117 Resp: 166078
Ion Ratio Lower Upper
117 100
119 95.3 77.1 115.7



#33
Benzene
Concen: 55.722 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

Tgt Ion: 78 Resp: 475734





#34

Trichloroethene

Concen: 52.759 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV035017.D

Acq: 05 Apr 2024 20:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 121561

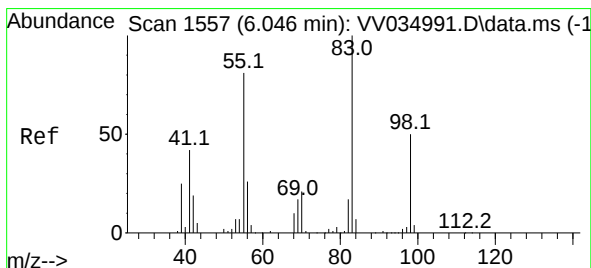
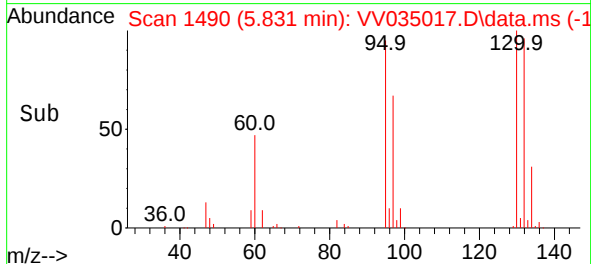
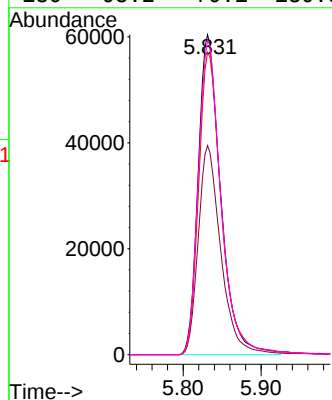
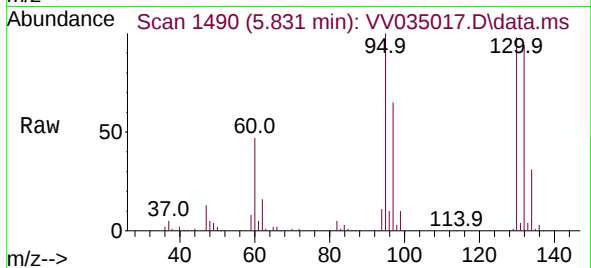
Ion Ratio Lower Upper

95 100

97 65.3 45.3 84.1

132 94.5 65.3 121.3

130 98.2 70.1 130.3



#35

Methylcyclohexane

Concen: 60.987 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035017.D

Acq: 05 Apr 2024 20:09

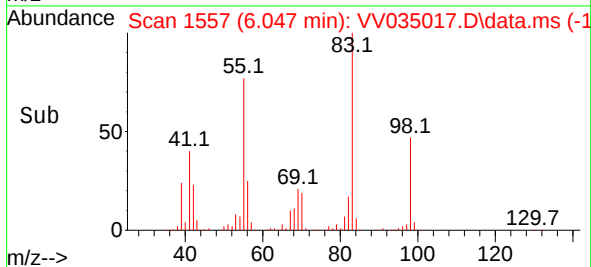
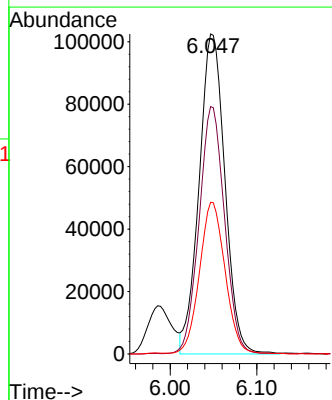
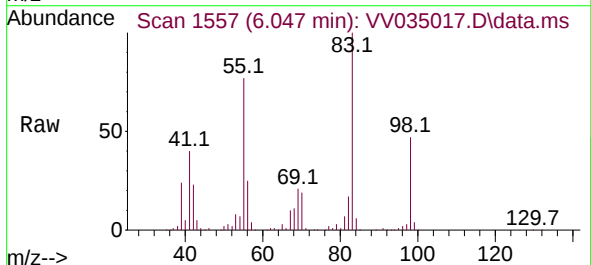
Tgt Ion: 83 Resp: 212219

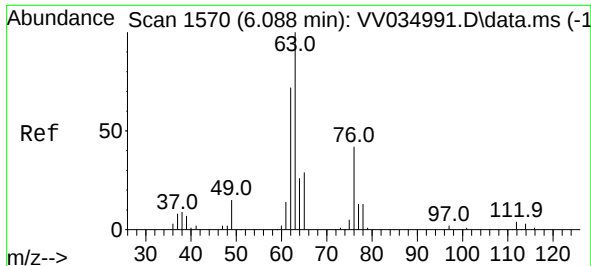
Ion Ratio Lower Upper

83 100

55 76.0 60.0 90.0

98 47.3 37.6 56.4

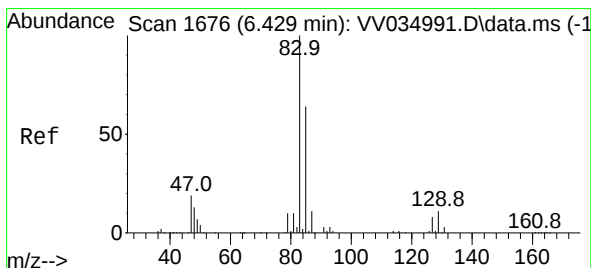
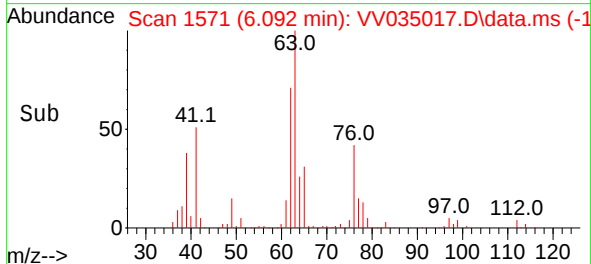
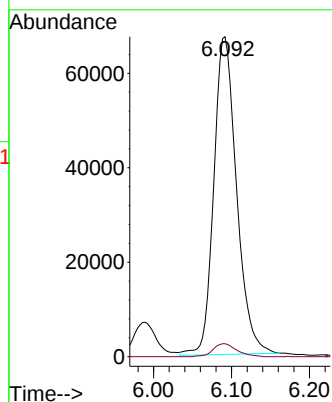
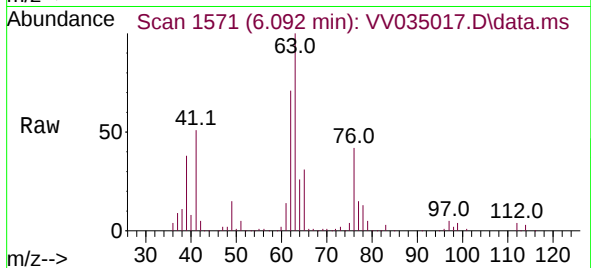




#37
1,2-Dichloropropane
Concen: 57.964 ug/L
RT: 6.092 min Scan# 1570
Delta R.T. 0.003 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

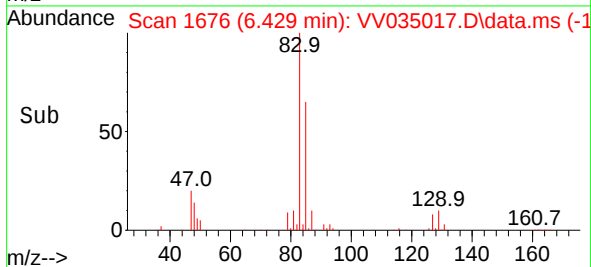
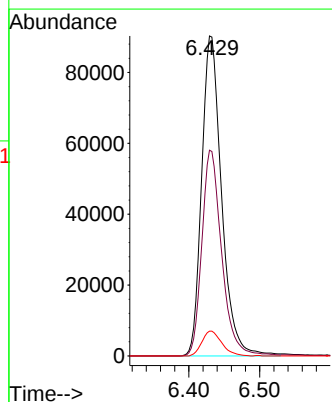
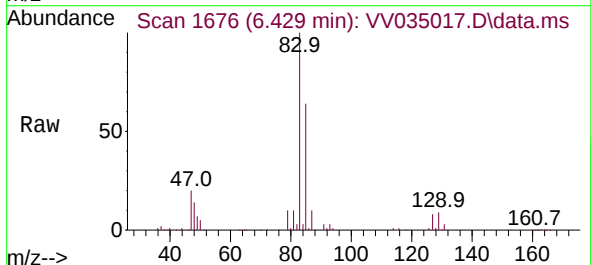
Instrument :
MSVOA_V
ClientSampleId :

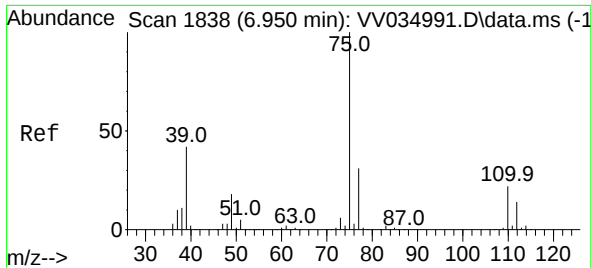
Tgt Ion: 63 Resp: 136759
Ion Ratio Lower Upper
63 100
112 4.3 3.3 4.9



#38
Bromodichloromethane
Concen: 57.996 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

Tgt Ion: 83 Resp: 176551
Ion Ratio Lower Upper
83 100
85 64.3 43.7 81.1
127 7.7 6.4 9.6

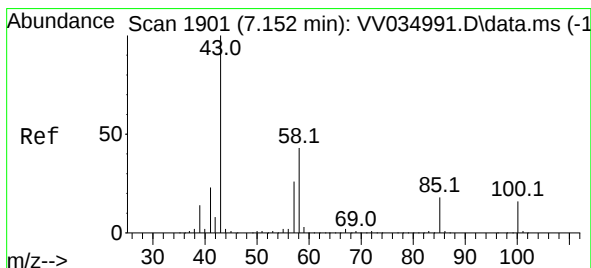
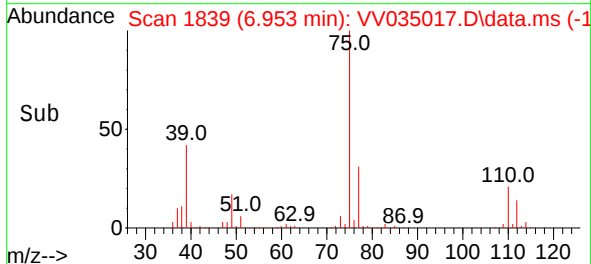
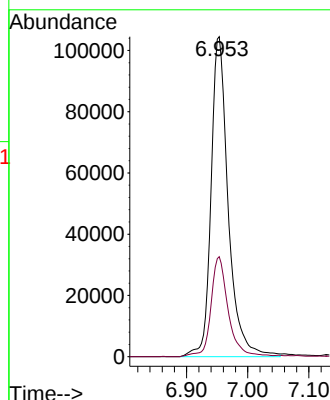
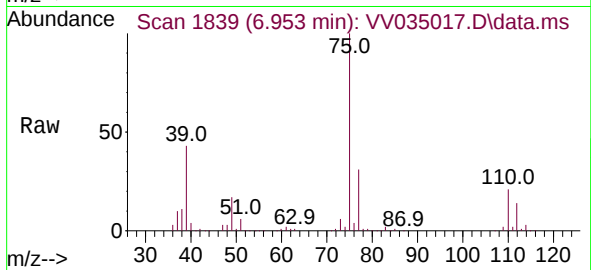




#39
 cis-1,3-Dichloropropene
 Concen: 54.979 ug/L
 RT: 6.953 min Scan# 1839
 Delta R.T. 0.003 min
 Lab File: VV035017.D
 Acq: 05 Apr 2024 20:09

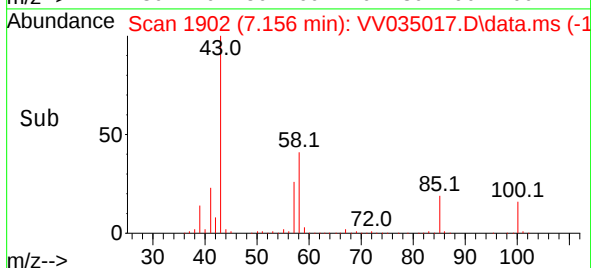
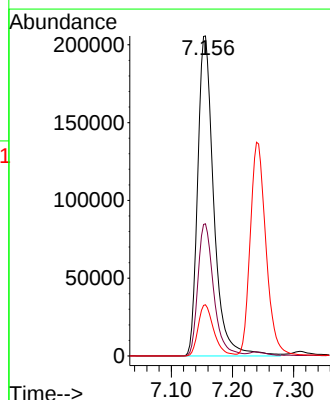
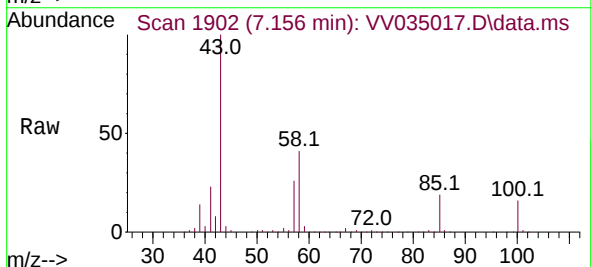
Instrument :
 MSVOA_V
 ClientSampleId :

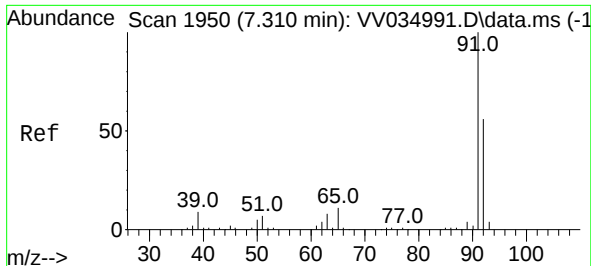
Tgt Ion: 75 Resp: 204344
 Ion Ratio Lower Upper
 75 100
 77 31.2 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 124.832 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.003 min
 Lab File: VV035017.D
 Acq: 05 Apr 2024 20:09

Tgt Ion: 43 Resp: 376041
 Ion Ratio Lower Upper
 43 100
 58 40.6 33.8 50.8
 100 15.6 13.0 19.4





#42

Toluene

Concen: 56.658 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV035017.D

Acq: 05 Apr 2024 20:09

Instrument :

MSVOA_V

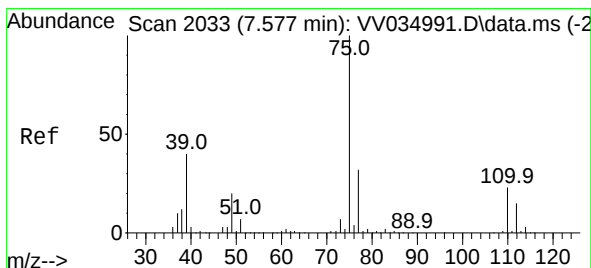
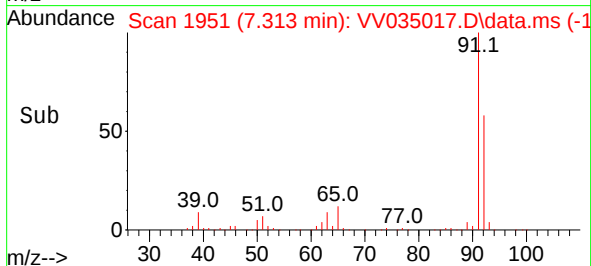
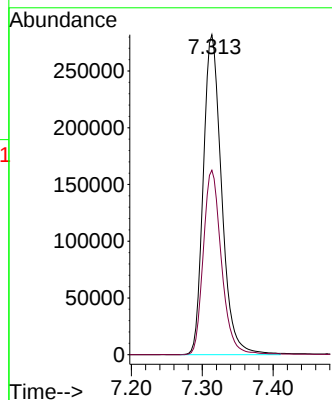
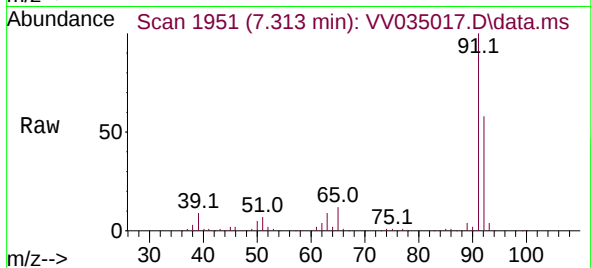
ClientSampleId :

Tgt Ion: 91 Resp: 506423

Ion Ratio Lower Upper

91 100

92 57.7 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 55.775 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV035017.D

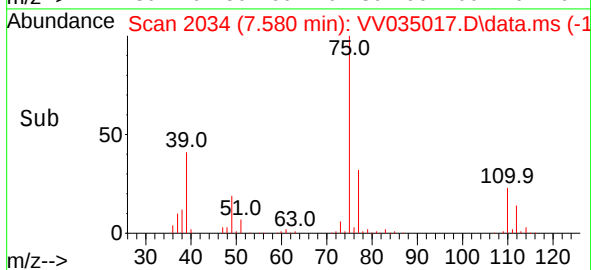
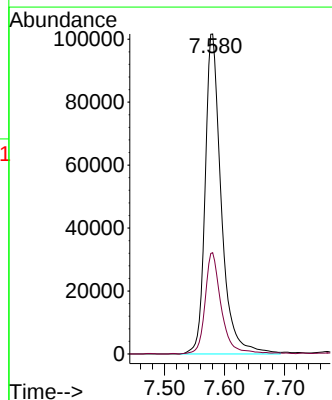
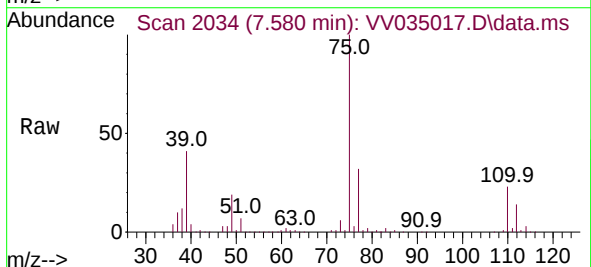
Acq: 05 Apr 2024 20:09

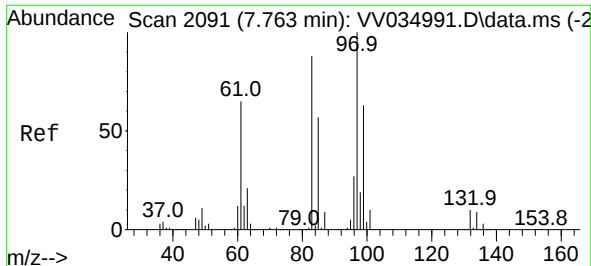
Tgt Ion: 75 Resp: 190454

Ion Ratio Lower Upper

75 100

77 31.6 21.7 40.3

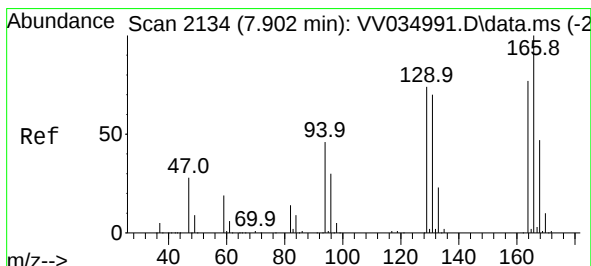
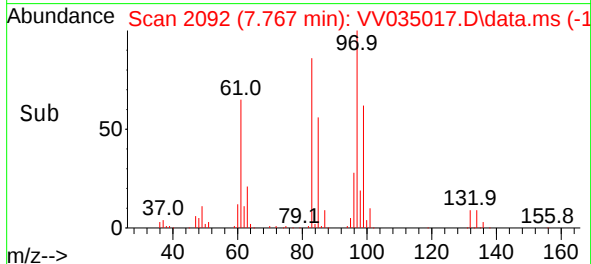
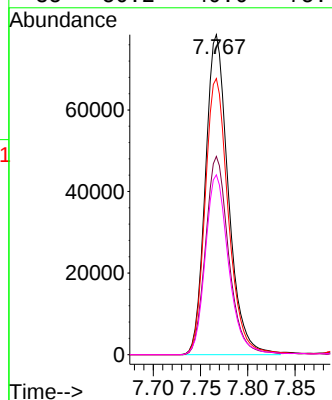
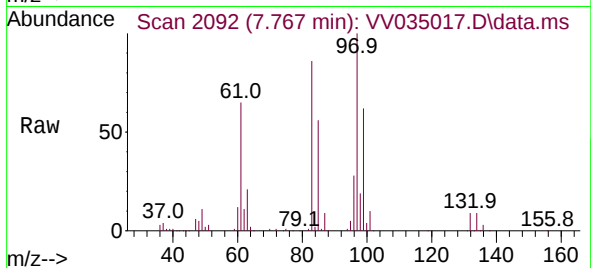




#45
1,1,2-Trichloroethane
Concen: 59.718 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

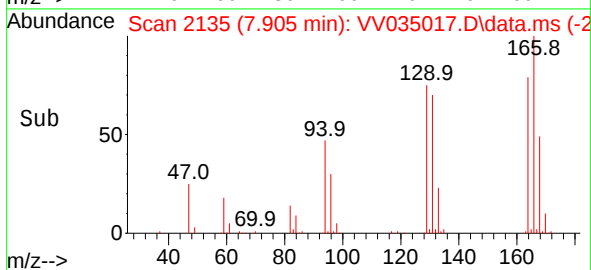
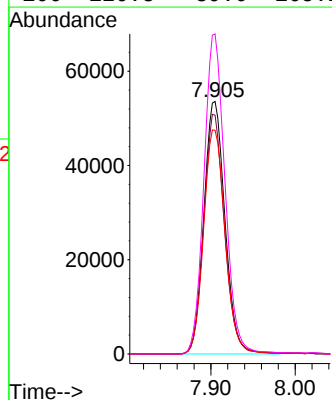
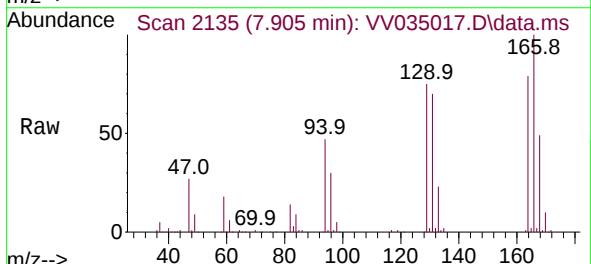
Instrument :
MSVOA_V
ClientSampleId :

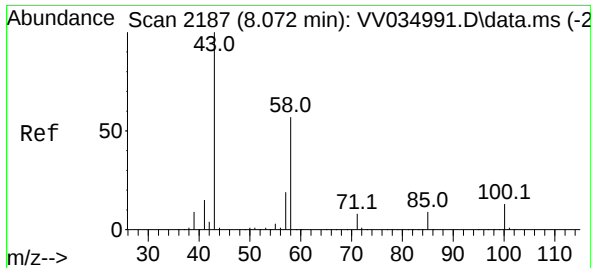
Tgt Ion:	97	Resp:	132801
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.3	80.3
83	86.3	61.6	114.4
85	56.2	40.6	75.4



#46
Tetrachloroethene
Concen: 58.027 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

Tgt Ion:	164	Resp:	93408
Ion	Ratio	Lower	Upper
164	100		
129	94.6	68.6	127.4
131	88.6	65.7	122.1
166	126.8	89.0	165.2



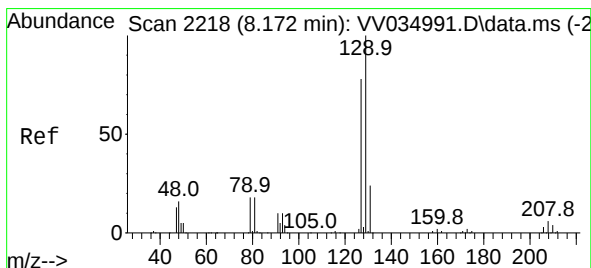
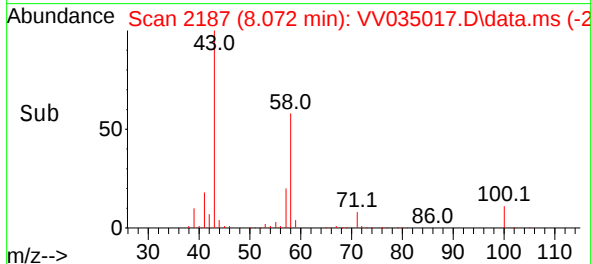
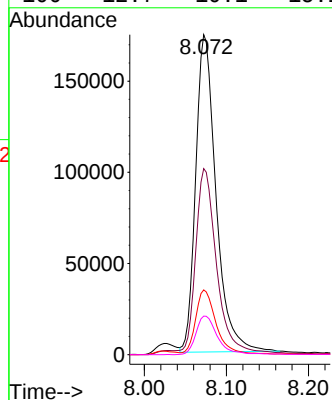
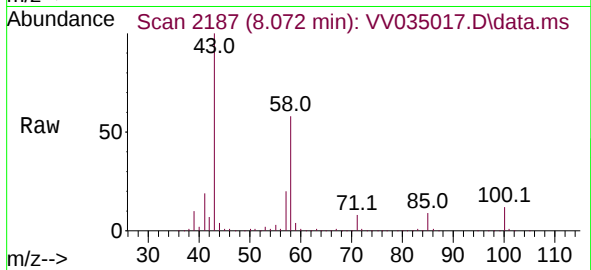


#48
2-Hexanone
Concen: 117.023 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 299820

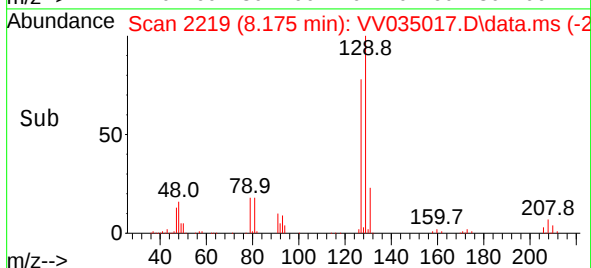
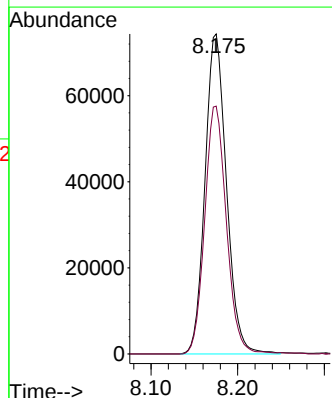
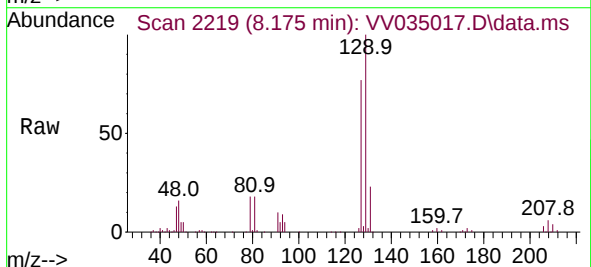
Ion	Ratio	Lower	Upper
43	100		
58	60.0	45.4	68.2
57	20.4	16.2	24.4
100	12.7	10.1	15.1

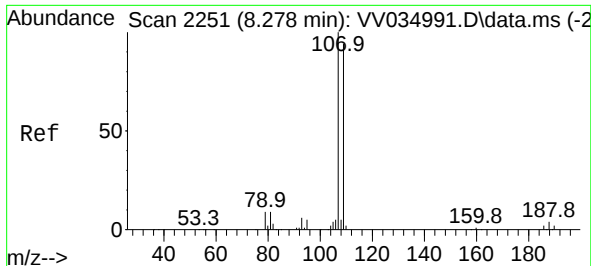


#49
Dibromochloromethane
Concen: 58.067 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

Tgt Ion: 129 Resp: 127895

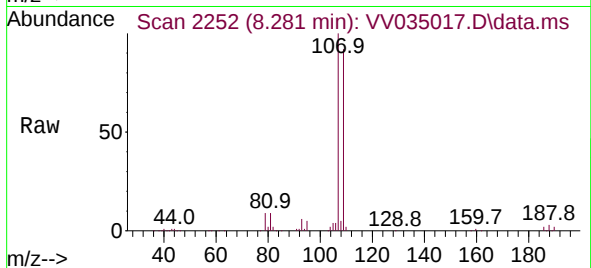
Ion	Ratio	Lower	Upper
129	100		
127	77.4	54.1	100.5



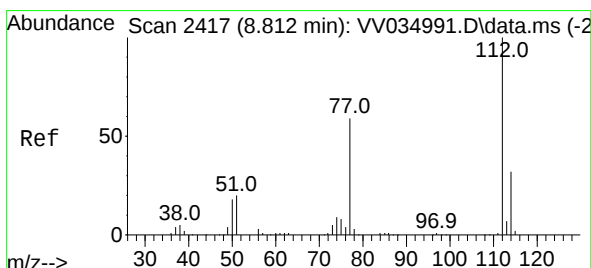
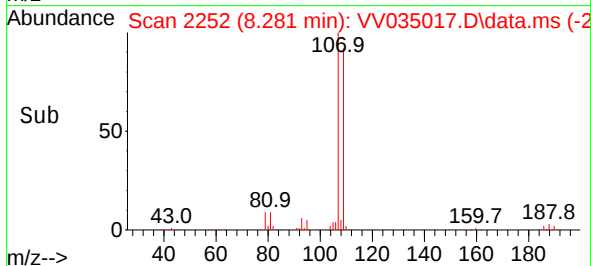
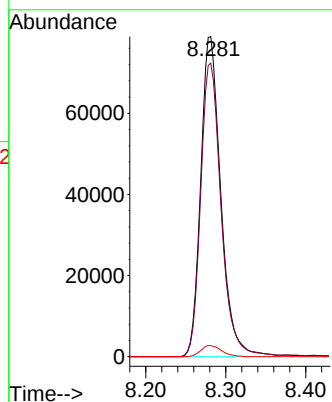


#50
1,2-Dibromoethane
Concen: 57.873 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

Instrument :
MSVOA_V
ClientSampleId :

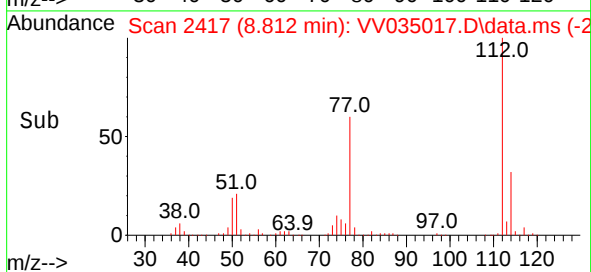
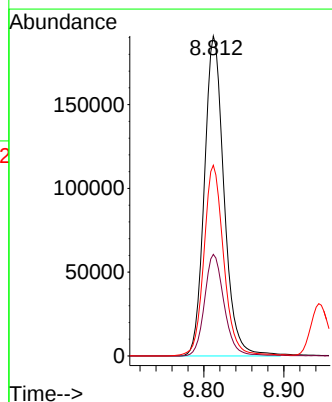
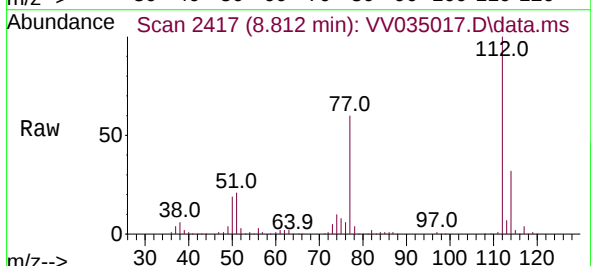


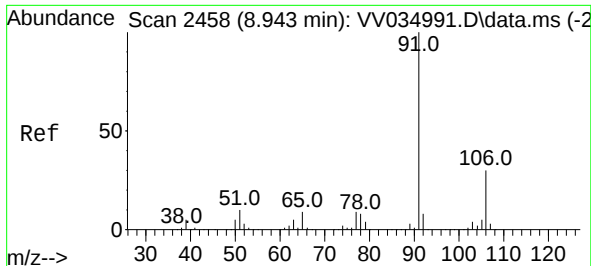
Tgt Ion:107 Resp: 138559
Ion Ratio Lower Upper
107 100
109 91.8 64.5 119.9
188 3.4 2.8 4.2



#51
Chlorobenzene
Concen: 56.548 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

Tgt Ion:112 Resp: 327589
Ion Ratio Lower Upper
112 100
114 31.8 22.0 41.0
77 59.6 47.4 71.2





#52

Ethylbenzene

Concen: 55.648 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV035017.D

Acq: 05 Apr 2024 20:09

Instrument :

MSVOA_V

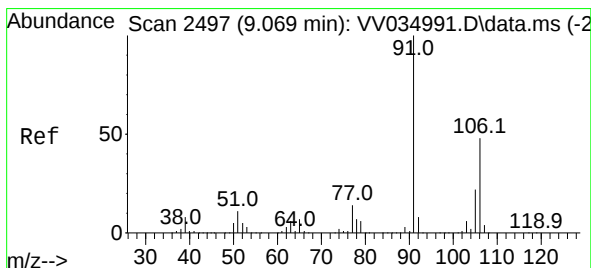
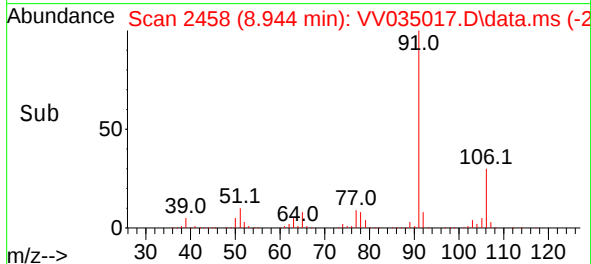
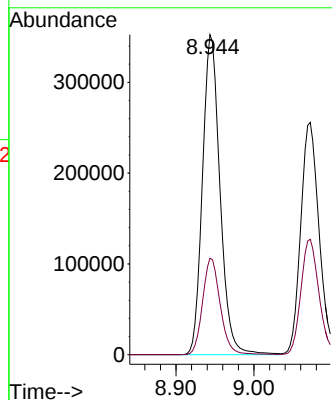
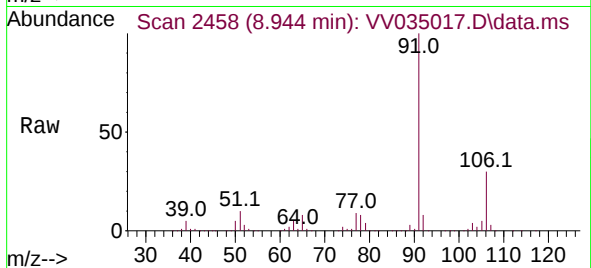
ClientSampleId :

Tgt Ion: 91 Resp: 551254

Ion Ratio Lower Upper

91 100

106 30.2 21.3 39.5



#53

m,p-Xylene

Concen: 56.232 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.003 min

Lab File: VV035017.D

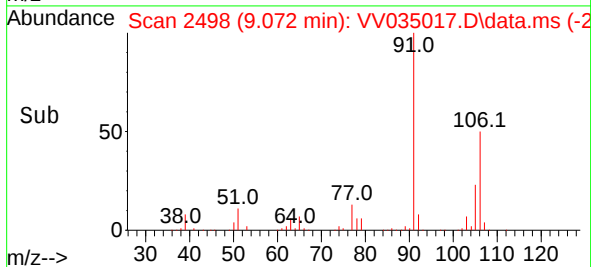
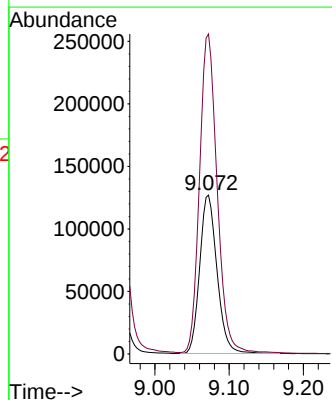
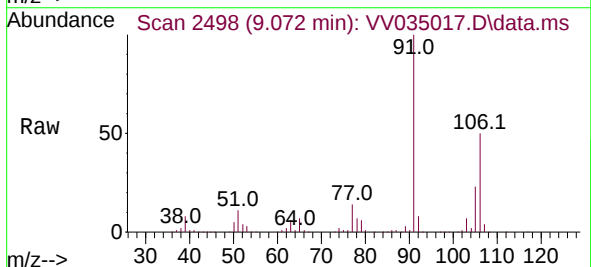
Acq: 05 Apr 2024 20:09

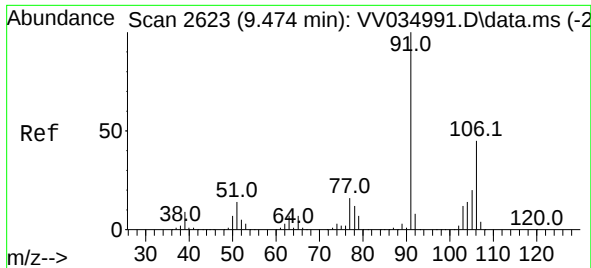
Tgt Ion:106 Resp: 205139

Ion Ratio Lower Upper

106 100

91 201.4 144.8 269.0

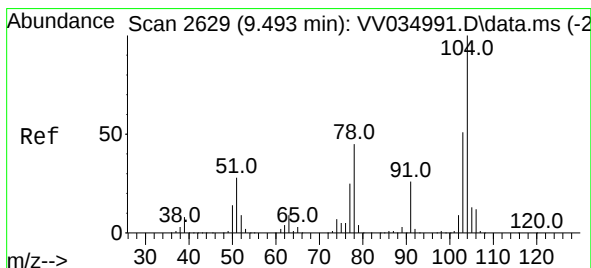
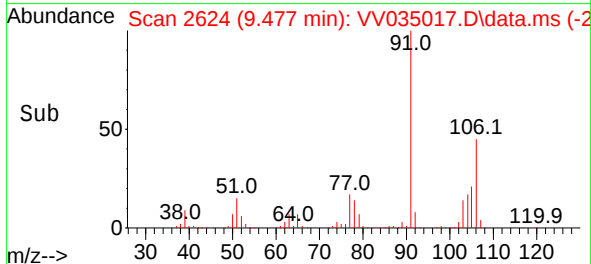
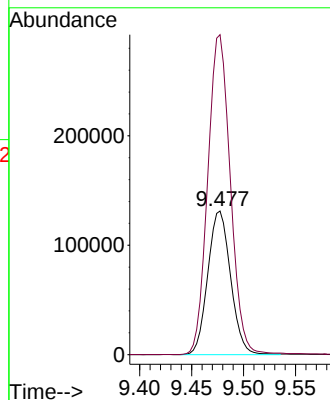
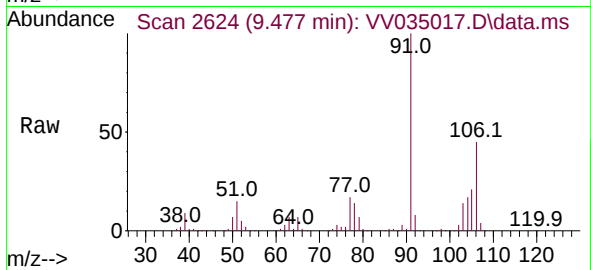




#54
o-Xylene
Concen: 55.598 ug/L
RT: 9.477 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

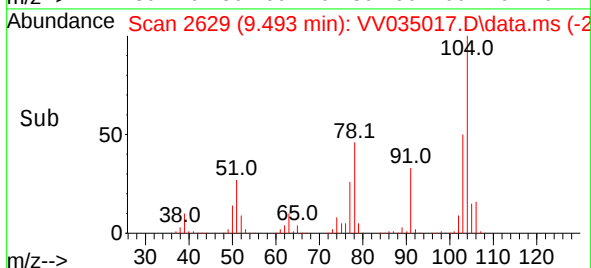
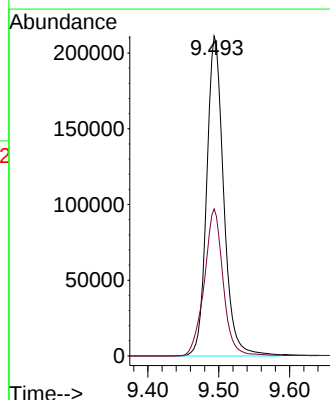
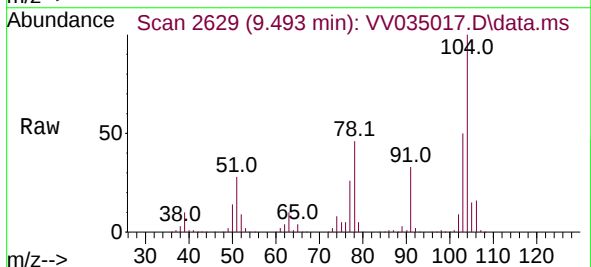
Instrument :
MSVOA_V
ClientSampleId :

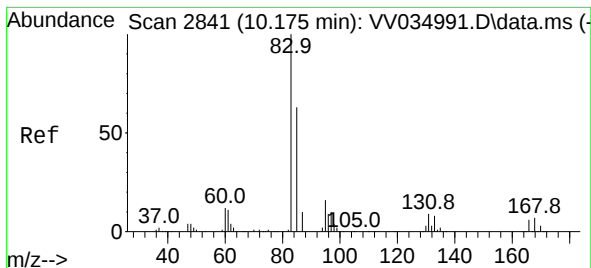
Tgt Ion:106 Resp: 200684
Ion Ratio Lower Upper
106 100
91 222.8 151.3 280.9



#55
Styrene
Concen: 57.735 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

Tgt Ion:104 Resp: 352170
Ion Ratio Lower Upper
104 100
78 46.0 31.5 58.5

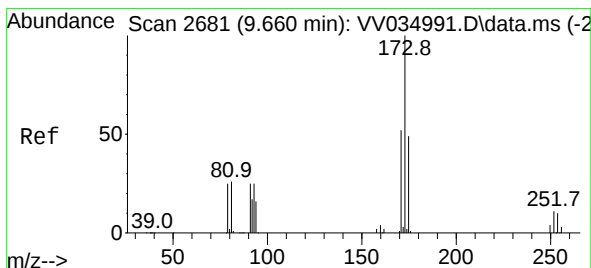
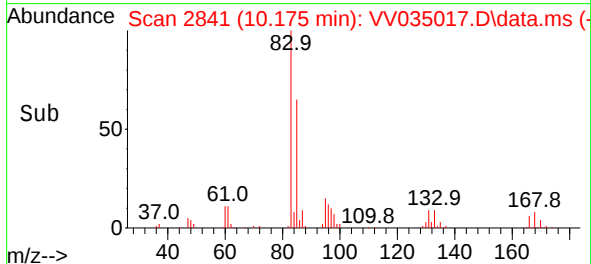
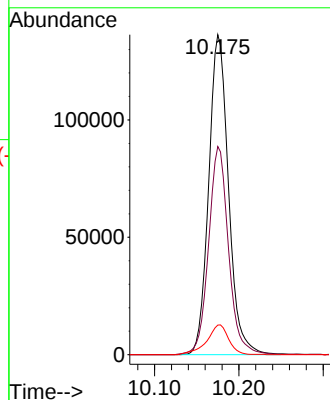
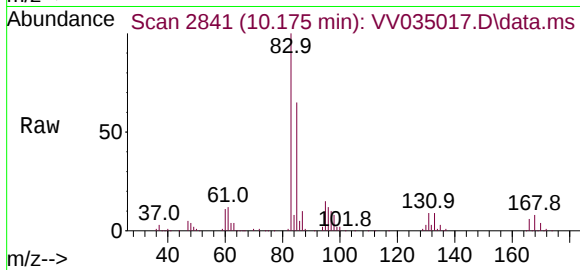




#57
1,1,2,2-Tetrachloroethane
Concen: 61.839 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

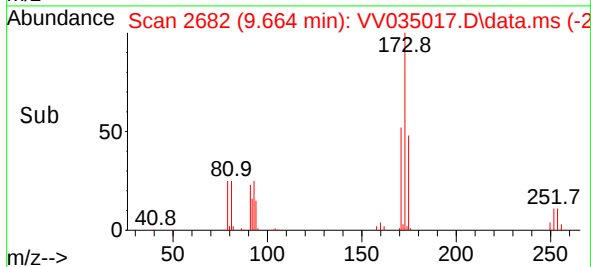
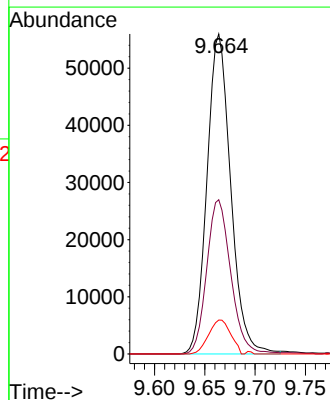
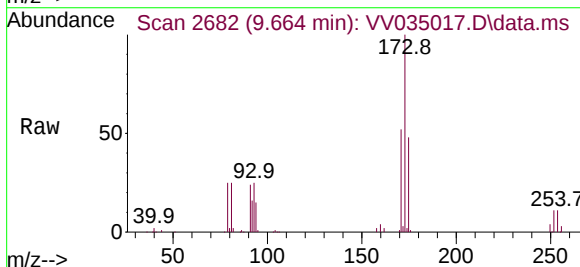
Instrument :
MSVOA_V
ClientSampleId :

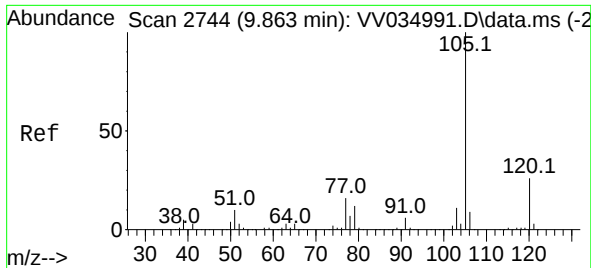
Tgt Ion: 83 Resp: 222811
Ion Ratio Lower Upper
83 100
85 65.0 44.5 82.7
131 9.2 6.9 10.3



#59
Bromoform
Concen: 60.571 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

Tgt Ion: 173 Resp: 92034
Ion Ratio Lower Upper
173 100
175 48.7 39.3 58.9
254 9.8 7.5 11.3

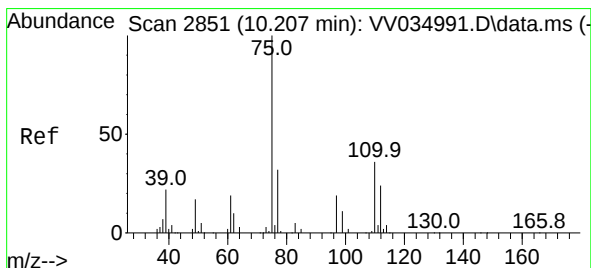
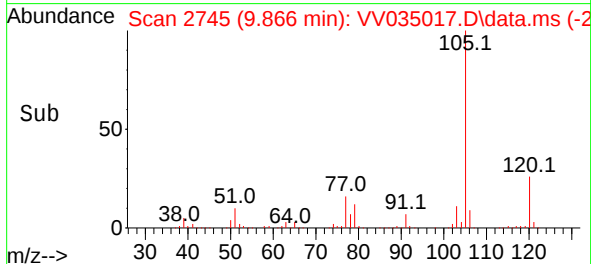
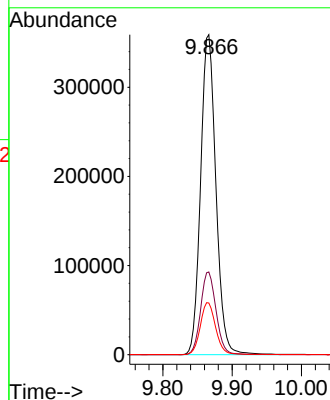
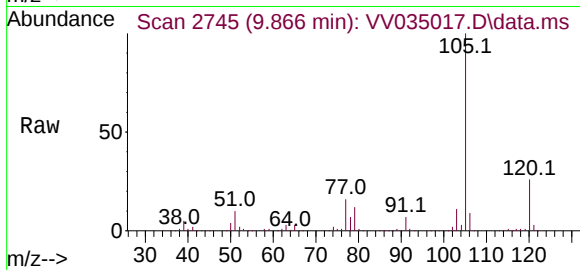




#60
Isopropylbenzene
Concen: 57.686 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

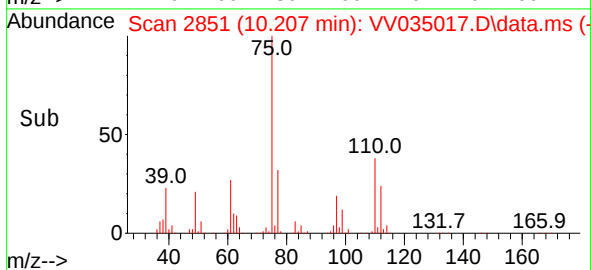
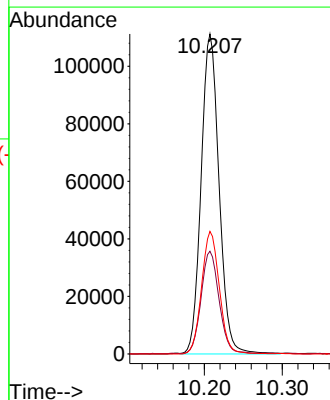
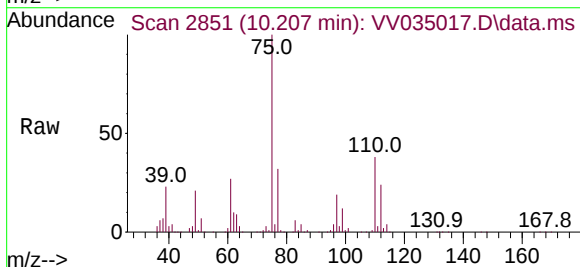
Instrument :
MSVOA_V
ClientSampleId :

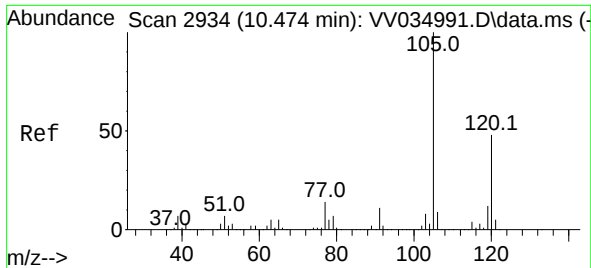
Tgt Ion:105 Resp: 551397
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6
77 16.3 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 61.901 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035017.D
Acq: 05 Apr 2024 20:09

Tgt Ion: 75 Resp: 177850
Ion Ratio Lower Upper
75 100
77 31.9 26.0 39.0
110 37.8 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 56.270 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035017.D

Acq: 05 Apr 2024 20:09

Instrument :

MSVOA_V

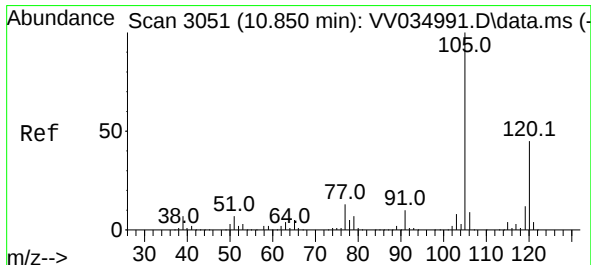
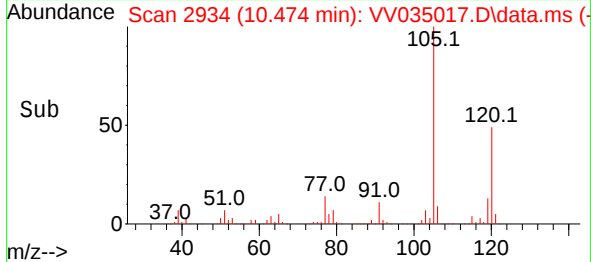
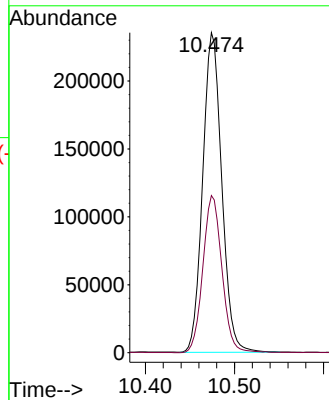
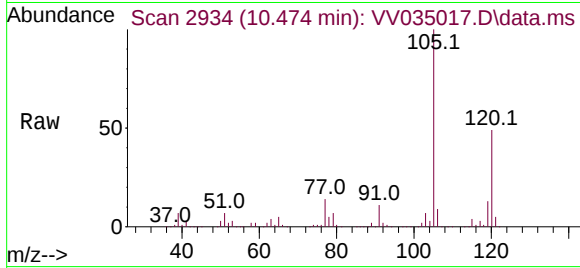
ClientSampleId :

Tgt Ion:105 Resp: 349313

Ion Ratio Lower Upper

105 100

120 49.1 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 57.336 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035017.D

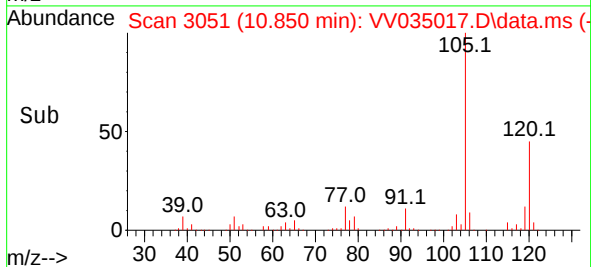
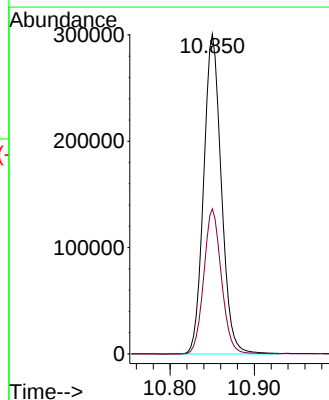
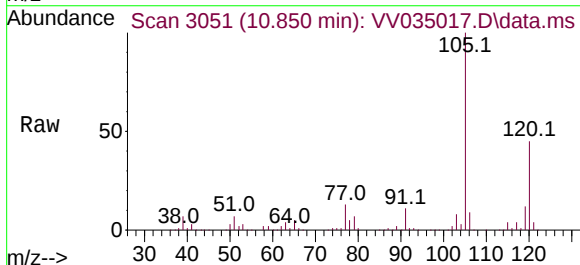
Acq: 05 Apr 2024 20:09

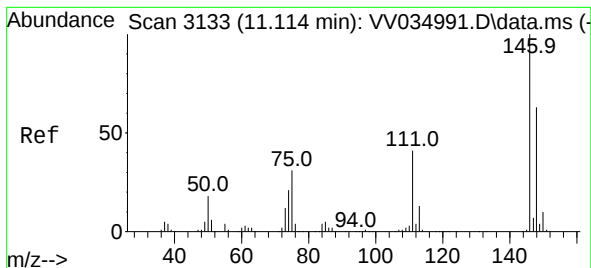
Tgt Ion:105 Resp: 440071

Ion Ratio Lower Upper

105 100

120 45.2 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 56.941 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

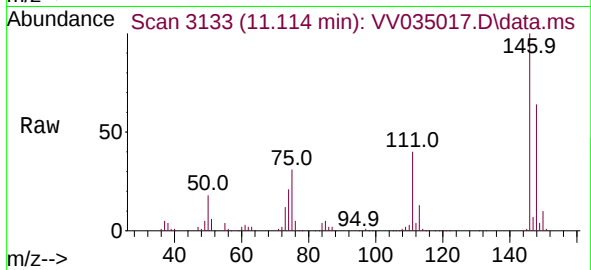
Lab File: VV035017.D

Acq: 05 Apr 2024 20:09

Instrument :

MSVOA_V

ClientSampleId :



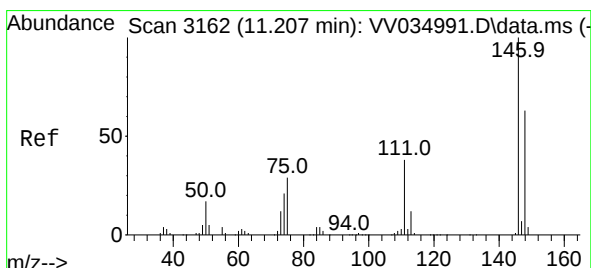
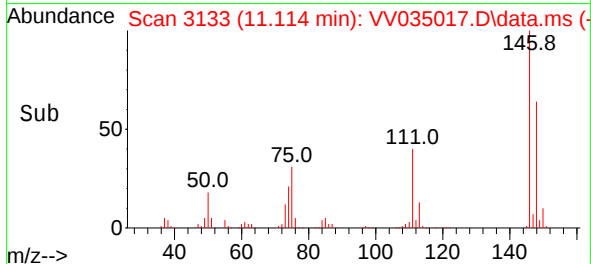
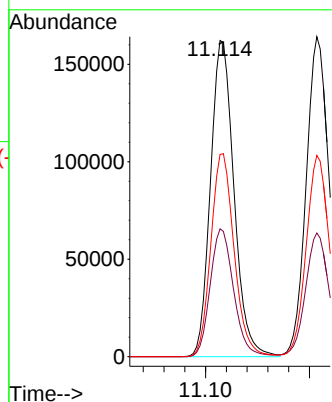
Tgt Ion:146 Resp: 254350

Ion Ratio Lower Upper

146 100

111 40.4 28.7 53.3

148 64.0 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 56.863 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035017.D

Acq: 05 Apr 2024 20:09

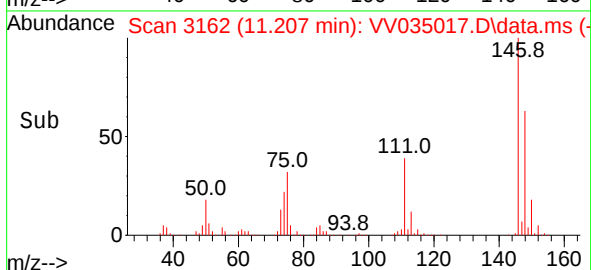
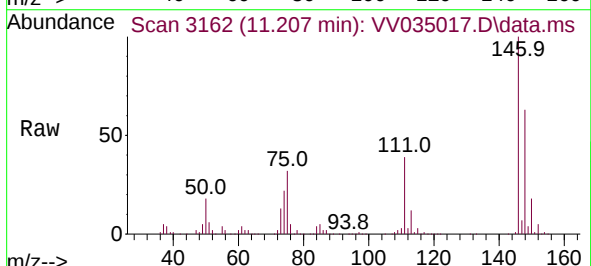
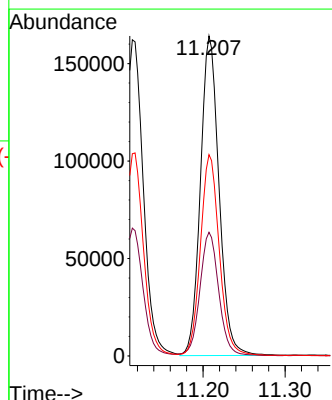
Tgt Ion:146 Resp: 258304

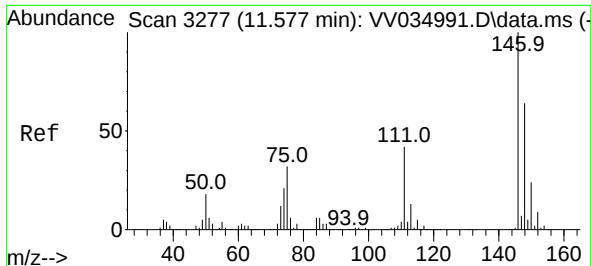
Ion Ratio Lower Upper

146 100

111 38.7 27.4 50.8

148 62.9 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 58.710 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035017.D

Acq: 05 Apr 2024 20:09

Instrument :

MSVOA_V

ClientSampleId :

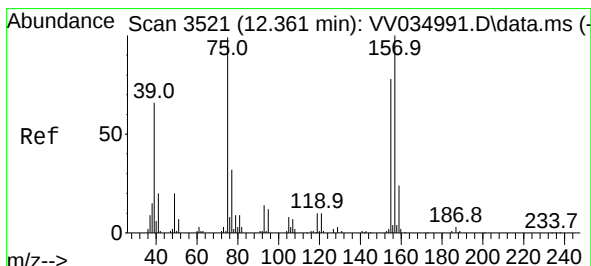
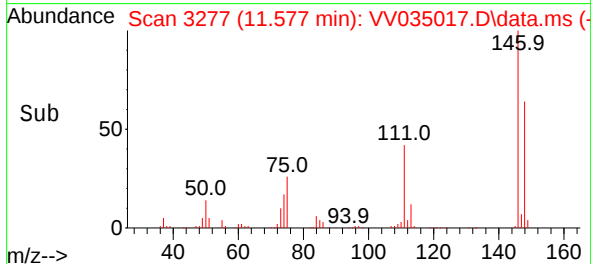
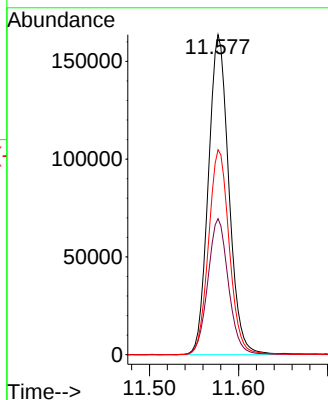
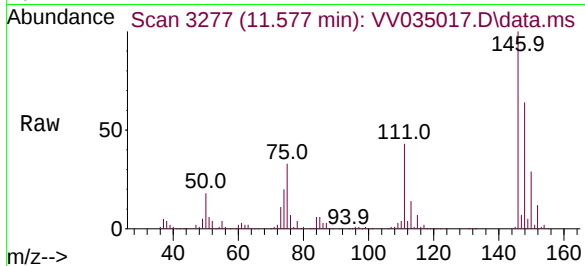
Tgt Ion:146 Resp: 261250

Ion Ratio Lower Upper

146 100

111 42.5 34.6 52.0

148 64.1 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 59.607 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035017.D

Acq: 05 Apr 2024 20:09

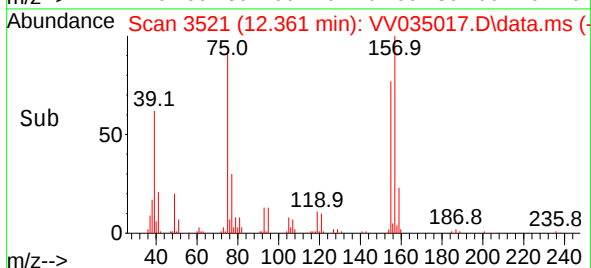
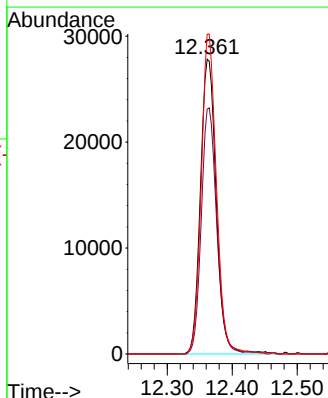
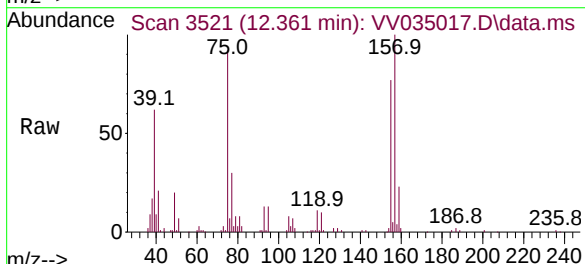
Tgt Ion: 75 Resp: 47182

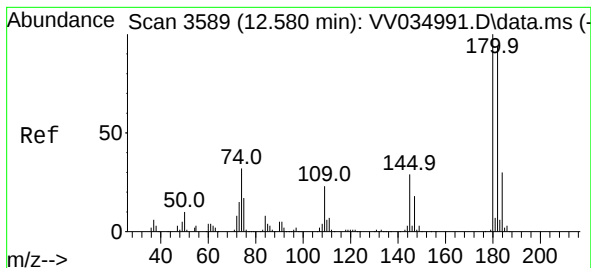
Ion Ratio Lower Upper

75 100

155 83.1 63.0 94.6

157 108.5 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 55.275 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

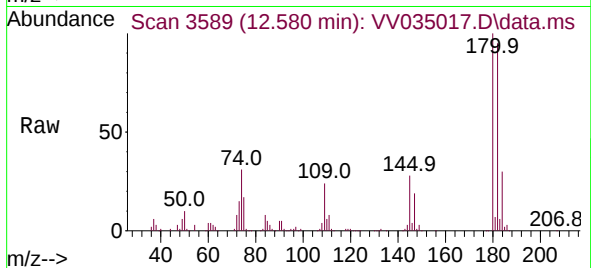
Lab File: VV035017.D

Acq: 05 Apr 2024 20:09

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 177949

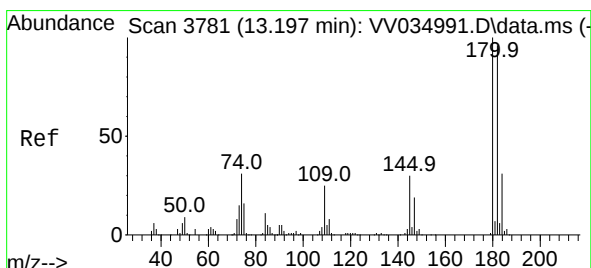
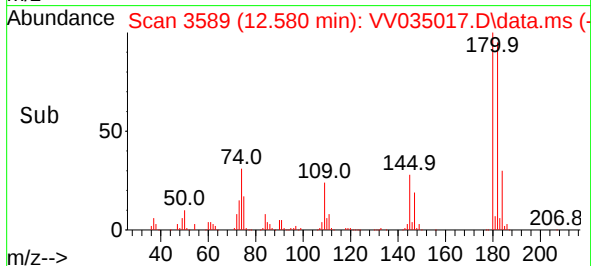
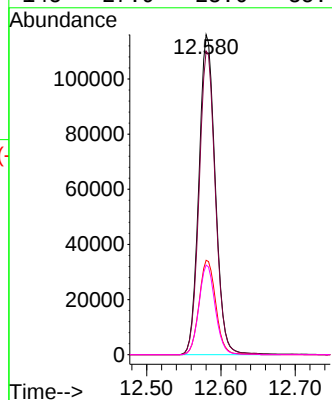
Ion Ratio Lower Upper

180 100

182 94.2 74.7 112.1

184 30.1 24.0 36.0

145 27.9 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 51.907 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV035017.D

Acq: 05 Apr 2024 20:09

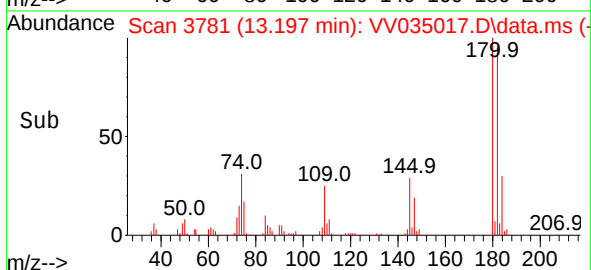
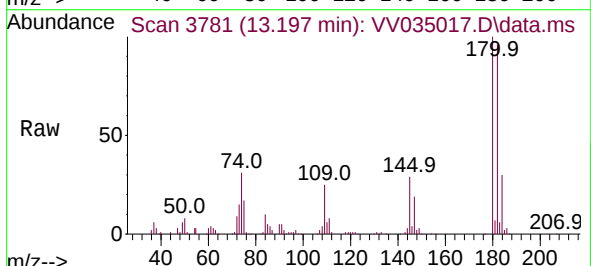
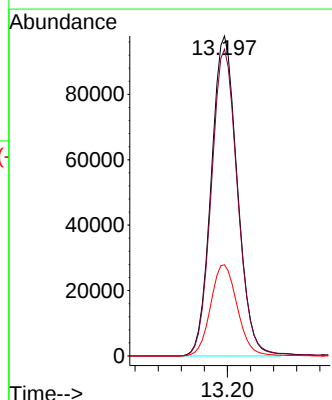
Tgt Ion:180 Resp: 153499

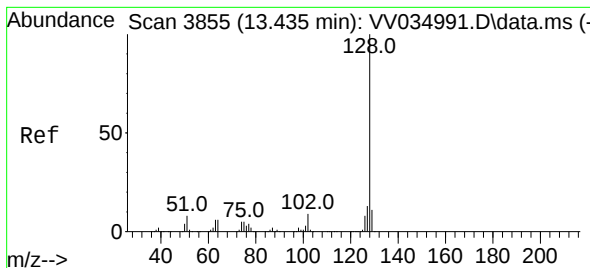
Ion Ratio Lower Upper

180 100

182 96.4 75.6 113.4

145 29.2 24.1 36.1





#71

Naphthalene

Concen: 50.644 ug/L

RT: 13.439 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV035017.D

Acq: 05 Apr 2024 20:09

Instrument :

MSVOA_V

ClientSampleId :

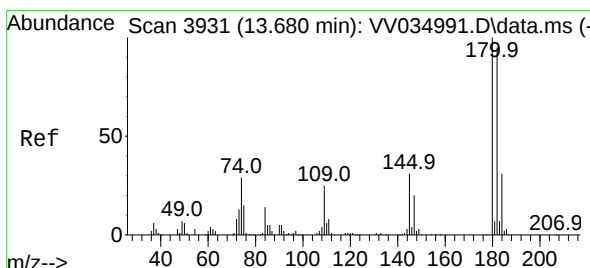
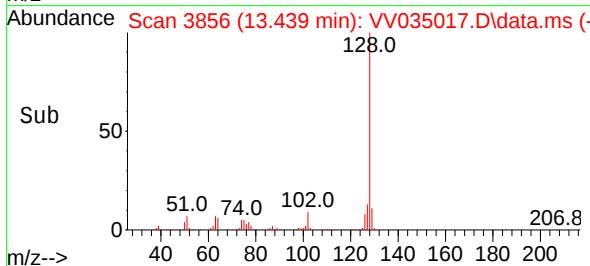
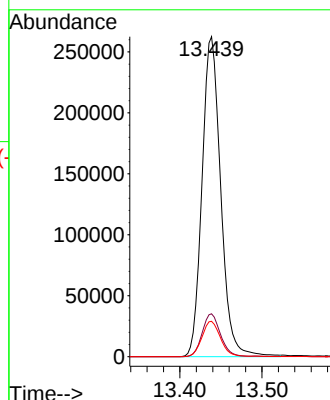
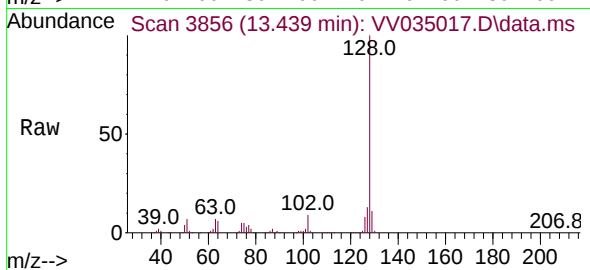
Tgt Ion:128 Resp: 415503

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 54.440 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV035017.D

Acq: 05 Apr 2024 20:09

Tgt Ion:180 Resp: 158690

Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.2

145 31.6 25.8 38.6

