

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035636.D
 Acq On : 21 May 2024 09:37
 Operator : SY/MD
 Sample : P2409-04
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 02:20:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 22 02:19:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	397877	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	411262	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	214783	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	122955	19.994	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.960%
7) Chloroethane-d5	1.529	69	109764	22.125	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.480%
11) 1,1-Dichloroethene-d2	2.053	65	57863	21.253	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.000%
21) 2-Butanone-d5	3.844	46	76318	43.730	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.460%
24) Chloroform-d	4.243	84	275391	23.282	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.120%
26) 1,2-Dichloroethane-d4	4.940	65	145358	24.857	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.440%
32) Benzene-d6	4.953	84	502242	22.310	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.240%
36) 1,2-Dichloropropane-d6	5.985	67	171730	24.718	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.880%
41) Toluene-d8	7.239	98	421258	21.025	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.120%
43) trans-1,3-Dichloroprop...	7.555	79	61570	20.722	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.880%
47) 2-Hexanone-d5	8.034	63	50992	40.818	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.640%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	148908	22.243	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.960%
66) 1,2-Dichlorobenzene-d4	11.558	152	182695	24.510	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	8436	1.043	ug/L	100
3) Chloromethane	1.211	50	10075	1.241	ug/L	96
5) Vinyl chloride	1.278	62	8863	1.056	ug/L #	72
6) Bromomethane	1.484	94	6386	1.202	ug/L	96
8) Chloroethane	1.545	64	5445	1.053	ug/L	92
9) Trichlorofluoromethane	1.709	101	11368	1.038	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	8678	1.256	ug/L	89
12) 1,1-Dichloroethene	2.063	96	8284	1.327	ug/L #	1
14) Carbon disulfide	2.233	76	20501	1.037	ug/L	98
15) Methyl Acetate	2.397	43	2605	0.673	ug/L	94
17) trans-1,2-Dichloroethene	2.690	96	6420	0.927	ug/L	95
18) Methyl tert-butyl Ether	2.706	73	14855	0.889	ug/L	97
19) 1,1-Dichloroethane	3.111	63	12809	0.986	ug/L	97
20) cis-1,2-Dichloroethene	3.822	96	6391	0.851	ug/L	89
23) Bromochloromethane	4.156	128	3365	0.926	ug/L	96
25) Chloroform	4.268	83	17101	1.275	ug/L	96
27) 1,2-Dichloroethane	5.059	62	7448	0.892	ug/L	98
29) Cyclohexane	4.577	56	8520	0.866	ug/L	93
30) 1,1,1-Trichloroethane	4.510	97	11433	1.003	ug/L	96

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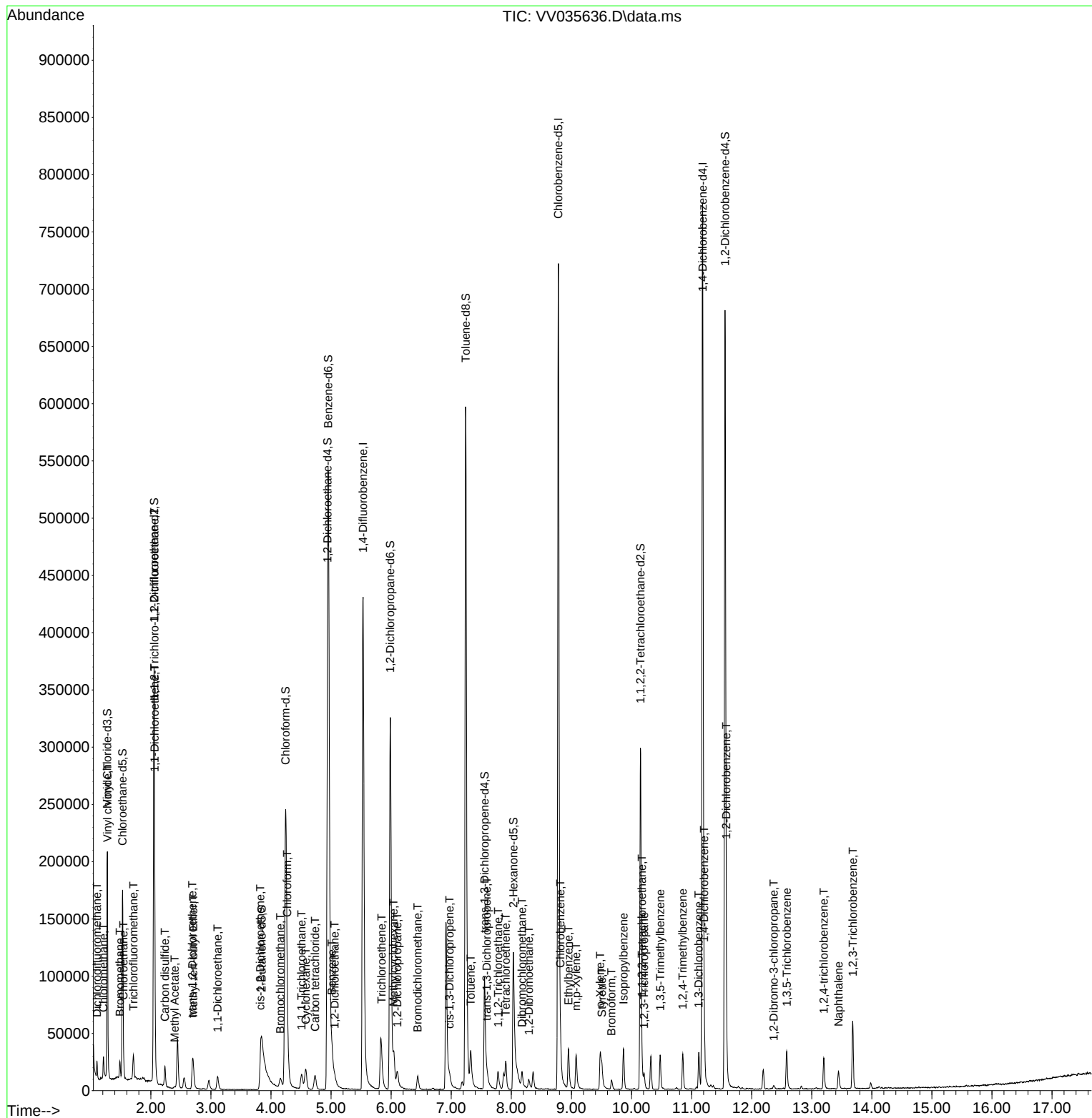
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	4.735	117	9885	0.988	ug/L	100
33) Benzene	5.011	78	24100	0.885	ug/L	100
34) Trichloroethene	5.841	95	8507	1.105	ug/L	98
35) Methylcyclohexane	6.040	83	9531	0.815	ug/L	92
37) 1,2-Dichloropropane	6.101	63	6181	0.870	ug/L #	94
38) Bromodichloromethane	6.439	83	9447	0.982	ug/L	97
39) cis-1,3-Dichloropropene	6.973	75	9481	0.854	ug/L	99
42) Toluene	7.323	91	28006	0.972	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	8608	0.886	ug/L	100
45) 1,1,2-Trichloroethane	7.780	97	6150	1.019	ug/L	98
46) Tetrachloroethene	7.908	164	6313	1.009	ug/L	98
49) Dibromochloromethane	8.178	129	6856	1.007	ug/L	94
50) 1,2-Dibromoethane	8.291	107	5581	0.939	ug/L #	94
51) Chlorobenzene	8.815	112	20545	1.028	ug/L	97
52) Ethylbenzene	8.953	91	27147	0.854	ug/L	99
53) m,p-Xylene	9.079	106	9923	0.822	ug/L	95
54) o-Xylene	9.480	106	9055	0.792	ug/L	98
55) Styrene	9.506	104	13435	0.674	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	6953	0.946	ug/L #	94
59) Bromoform	9.667	173	4212	0.998	ug/L #	97
60) Isopropylbenzene	9.866	105	23282	0.814	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	5598	1.112	ug/L	94
62) 1,3,5-Trimethylbenzene	10.477	105	16769	0.747	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	17146	0.743	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	14172	0.944	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	16273	1.047	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	15560	1.101	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	1187	1.017	ug/L #	86
69) 1,3,5-Trichlorobenzene	12.583	180	11575	0.987	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	9224	0.941	ug/L	99
71) Naphthalene	13.445	128	14610	0.849	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	8112	0.920	ug/L	93

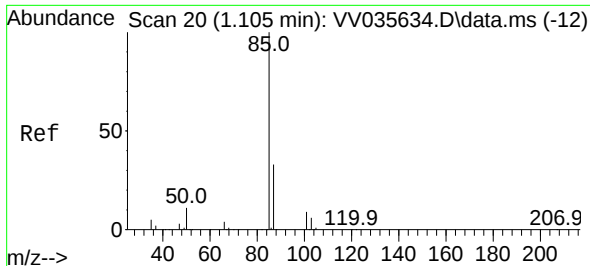
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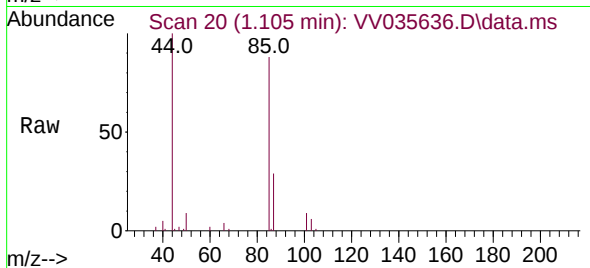
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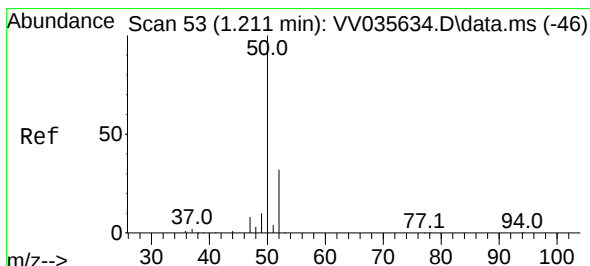
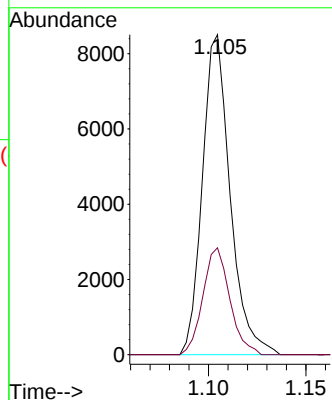
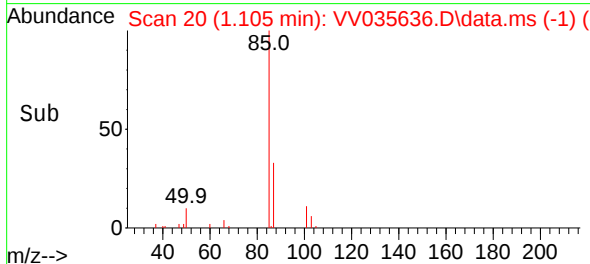


#2
Dichlorodifluoromethane
Concen: 1.043 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

Instrument :
MSVOA_V
ClientSampleId :

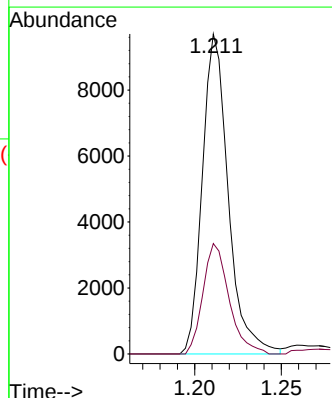
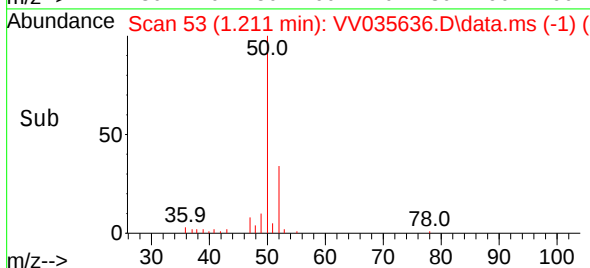
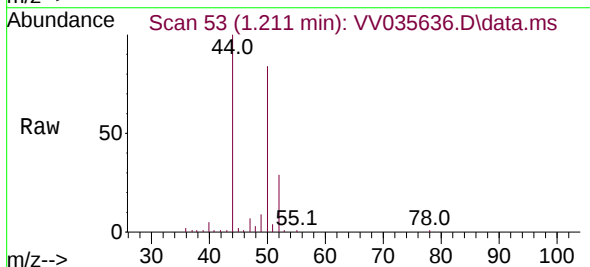


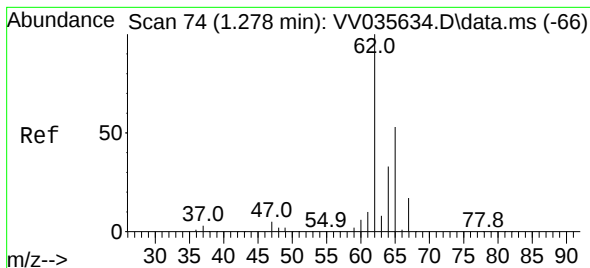
Tgt Ion: 85 Resp: 8436
Ion Ratio Lower Upper
85 100
87 32.3 25.8 38.6



#3
Chloromethane
Concen: 1.241 ug/L
RT: 1.211 min Scan# 53
Delta R.T. -0.000 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

Tgt Ion: 50 Resp: 10075
Ion Ratio Lower Upper
50 100
52 34.5 22.7 42.1





#5

Vinyl chloride

Concen: 1.056 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.000 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

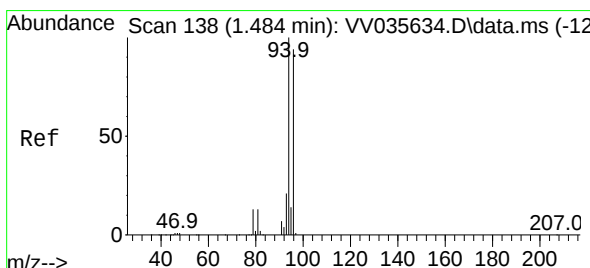
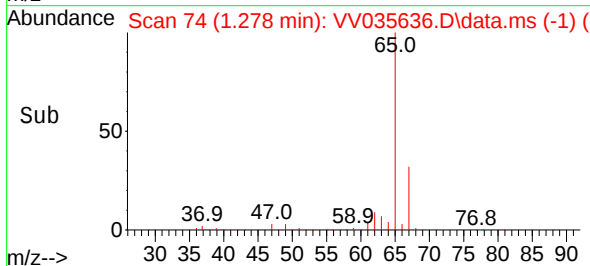
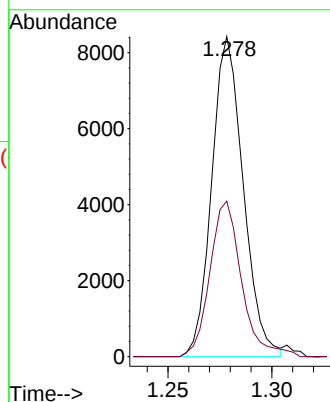
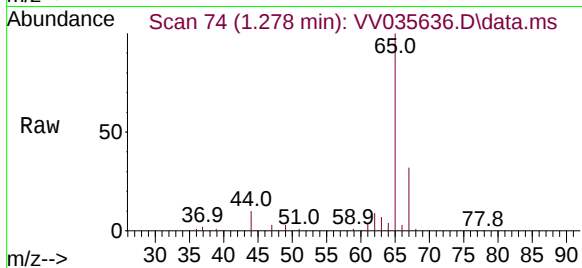
ClientSampleId :

Tgt Ion: 62 Resp: 8863

Ion Ratio Lower Upper

62 100

64 48.6 23.0 42.6#



#6

Bromomethane

Concen: 1.202 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.000 min

Lab File: VV035636.D

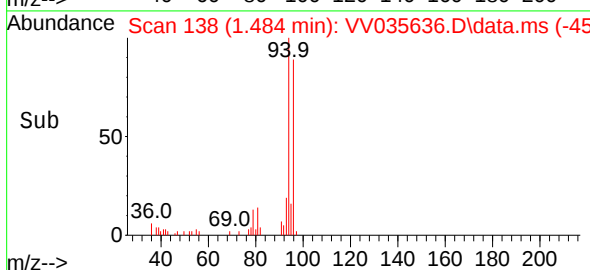
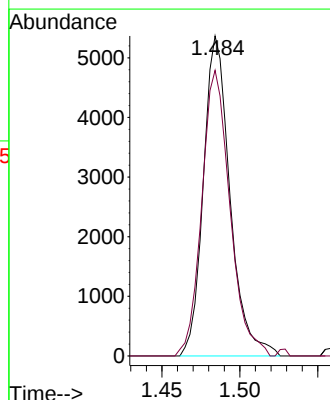
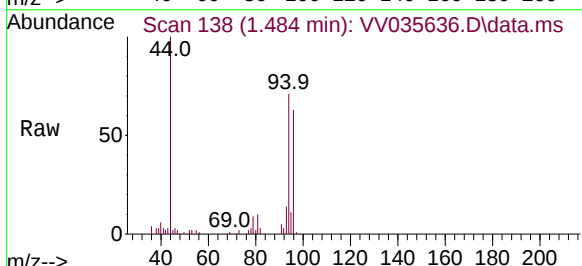
Acq: 21 May 2024 09:37

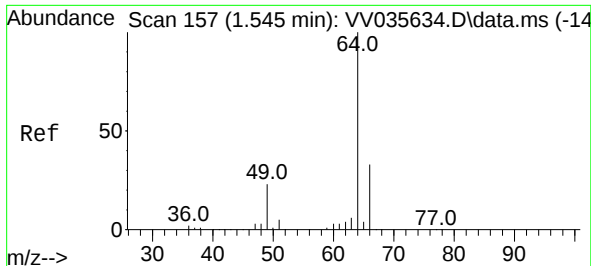
Tgt Ion: 94 Resp: 6386

Ion Ratio Lower Upper

94 100

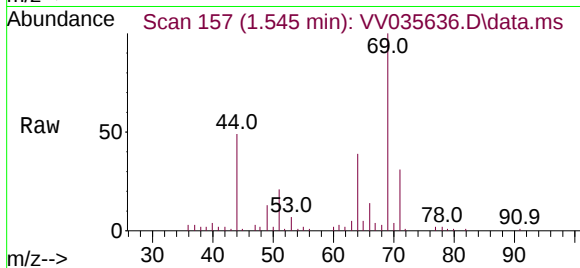
96 89.2 65.2 121.0



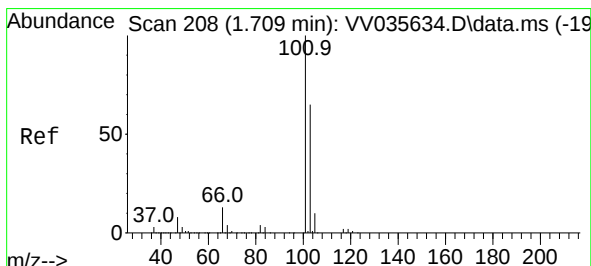
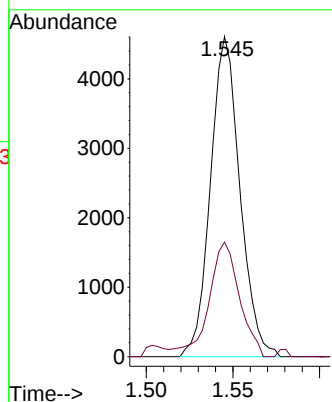
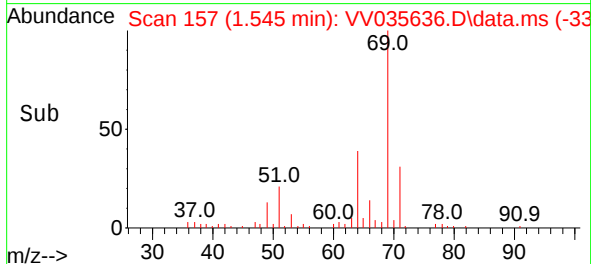


#8
Chloroethane
Concen: 1.053 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.000 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

Instrument :
MSVOA_V
ClientSampleId :

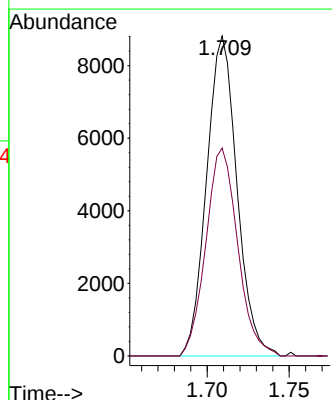
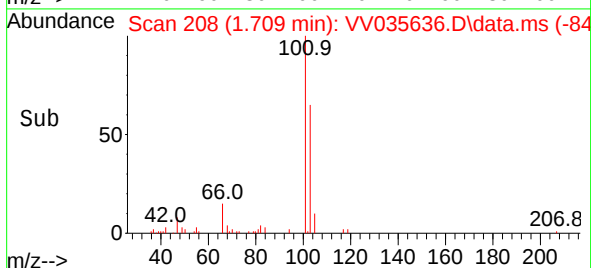
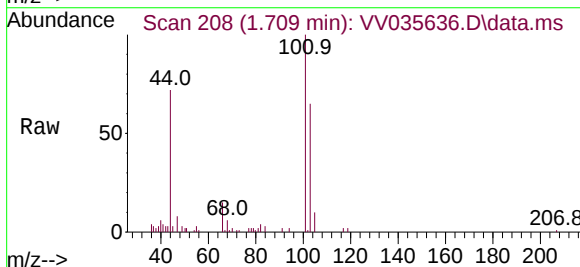


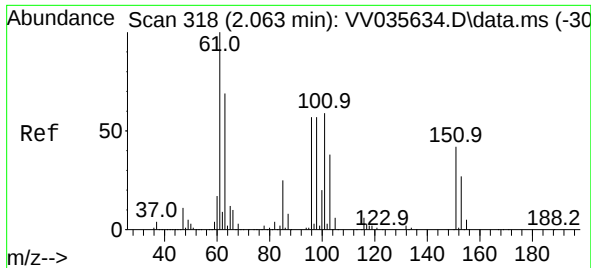
Tgt Ion: 64 Resp: 5445
Ion Ratio Lower Upper
64 100
66 35.8 22.0 40.8



#9
Trichlorofluoromethane
Concen: 1.038 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

Tgt Ion:101 Resp: 11368
Ion Ratio Lower Upper
101 100
103 67.9 51.5 77.3

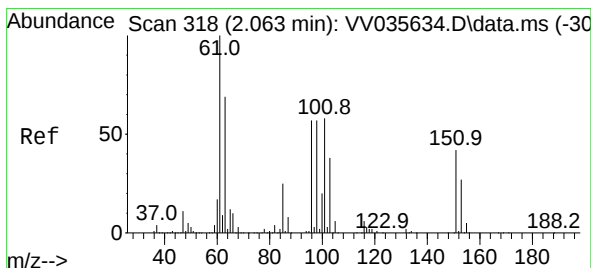
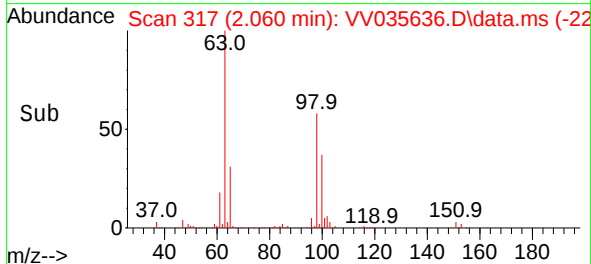
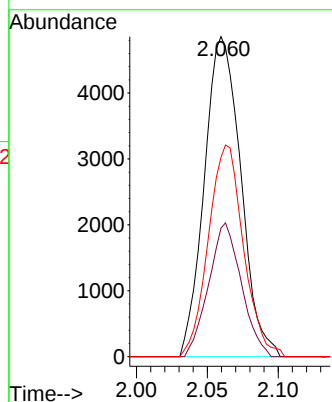
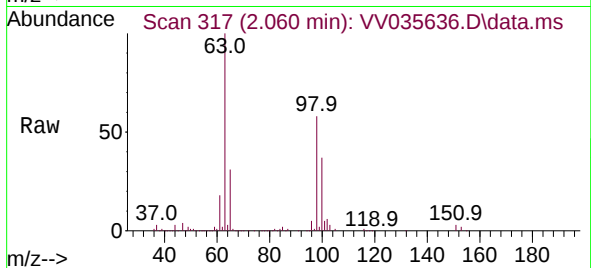




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.256 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

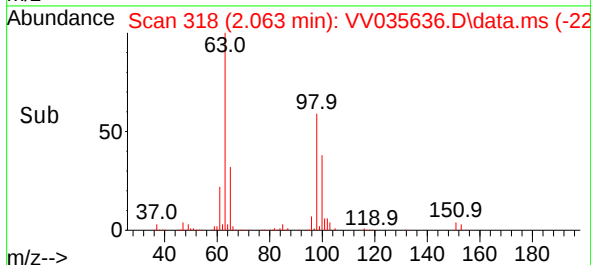
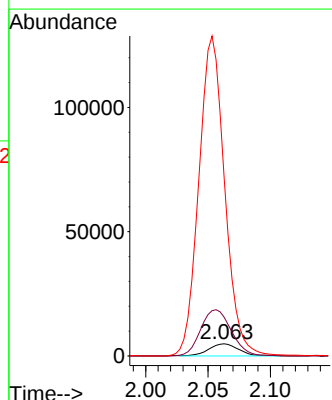
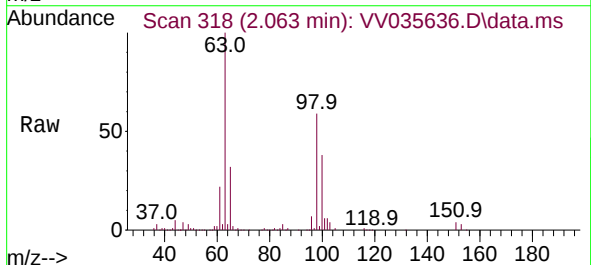
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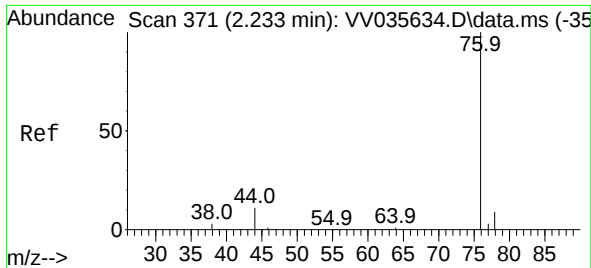
Tgt Ion:101 Resp: 8678
Ion Ratio Lower Upper
101 100
85 37.5 34.2 51.4
151 63.7 59.5 89.3



#12
1,1-Dichloroethene
Concen: 1.327 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

Tgt Ion: 96 Resp: 8284
Ion Ratio Lower Upper
96 100
61 318.6 119.8 222.4#
63 1473.9 75.6 140.4#





#14

Carbon disulfide

Concen: 1.037 ug/L

RT: 2.233 min Scan# 31

Delta R.T. -0.000 min

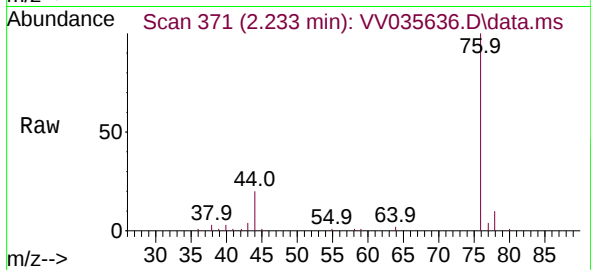
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Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

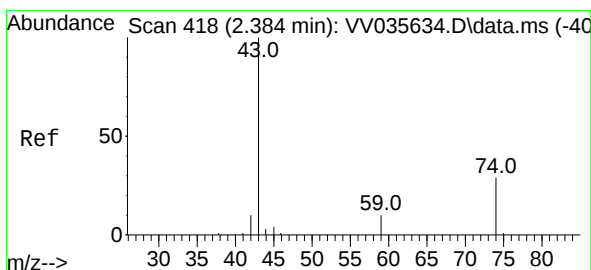
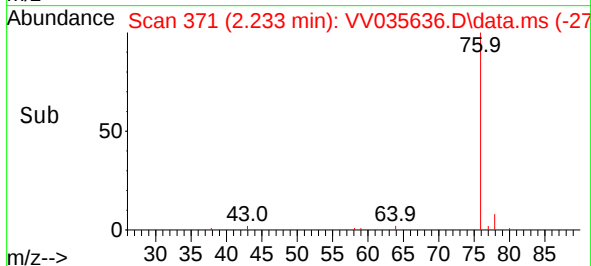
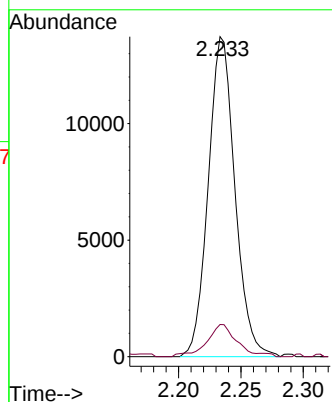


Tgt Ion: 76 Resp: 20501

Ion Ratio Lower Upper

76 100

78 10.1 7.5 11.3



#15

Methyl Acetate

Concen: 0.673 ug/L

RT: 2.397 min Scan# 422

Delta R.T. 0.013 min

Lab File: VV035636.D

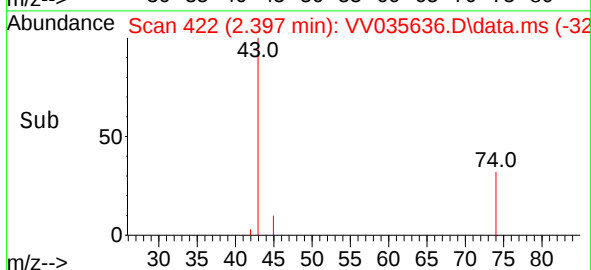
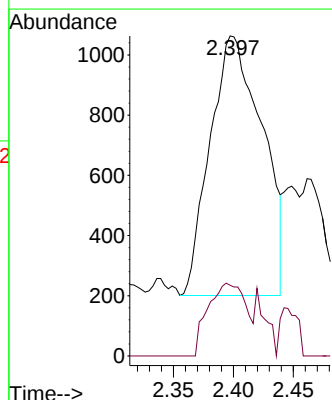
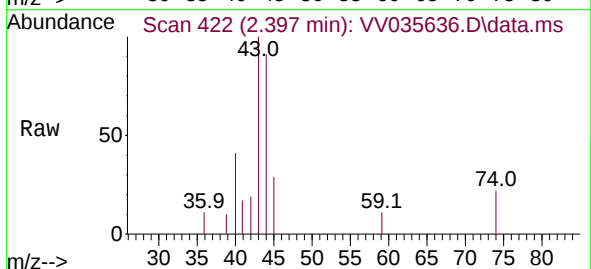
Acq: 21 May 2024 09:37

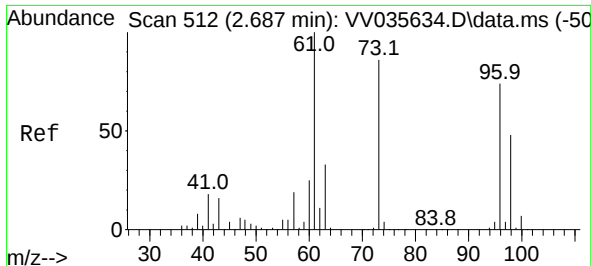
Tgt Ion: 43 Resp: 2605

Ion Ratio Lower Upper

43 100

74 20.5 18.6 27.8





#17

trans-1,2-Dichloroethene

Concen: 0.927 ug/L

RT: 2.690 min Scan# 512

Delta R.T. 0.003 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

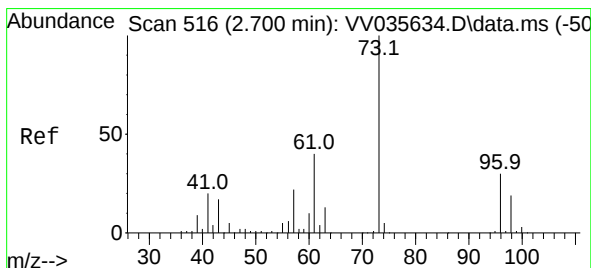
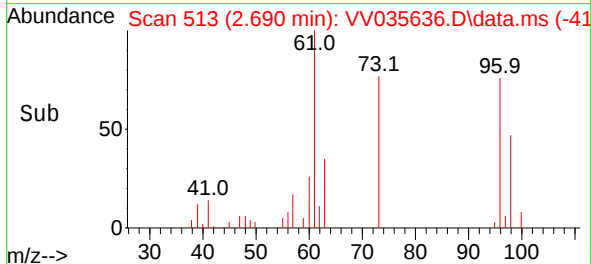
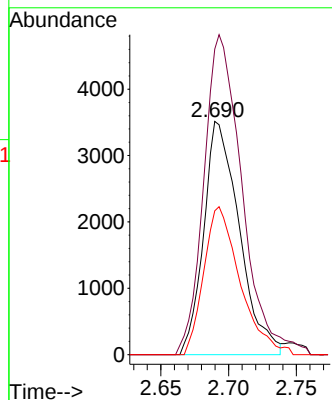
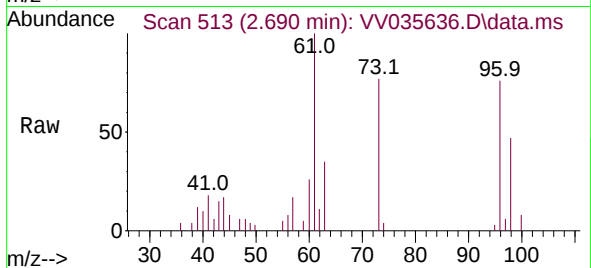
Tgt Ion: 96 Resp: 6420

Ion Ratio Lower Upper

96 100

61 131.0 95.5 177.4

98 61.7 46.0 85.4



#18

Methyl tert-butyl Ether

Concen: 0.889 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.006 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

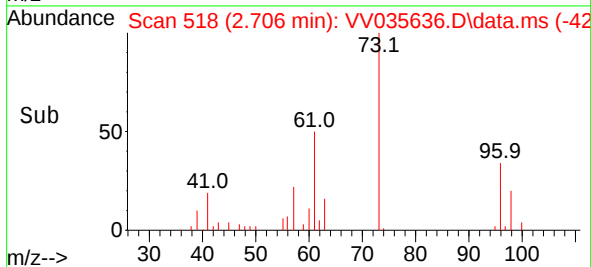
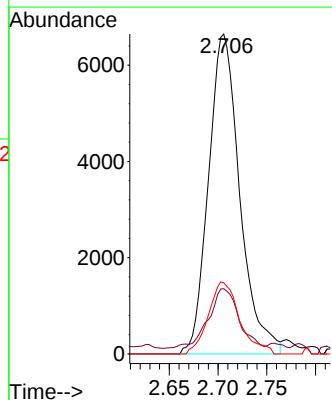
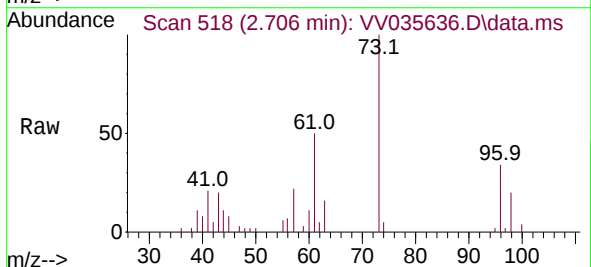
Tgt Ion: 73 Resp: 14855

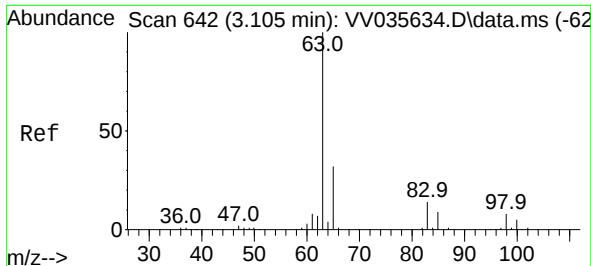
Ion Ratio Lower Upper

73 100

43 18.9 13.3 19.9

57 22.5 17.4 26.2

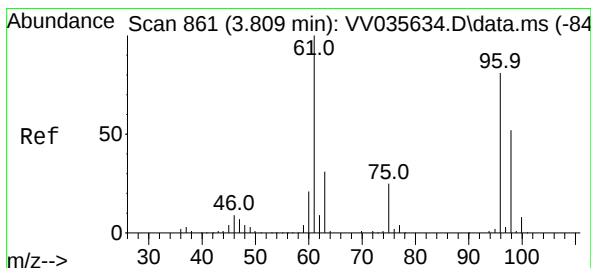
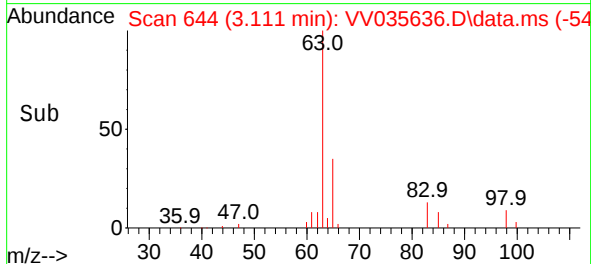
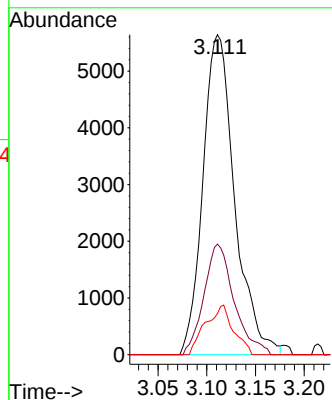
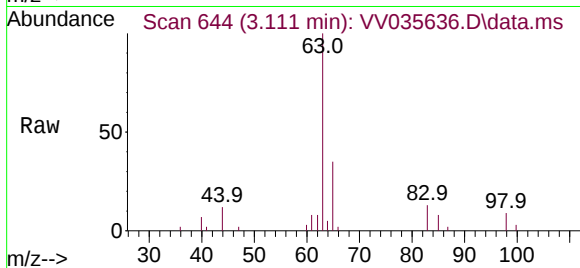




#19
1,1-Dichloroethane
Concen: 0.986 ug/L
RT: 3.111 min Scan# 64
Delta R.T. 0.006 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

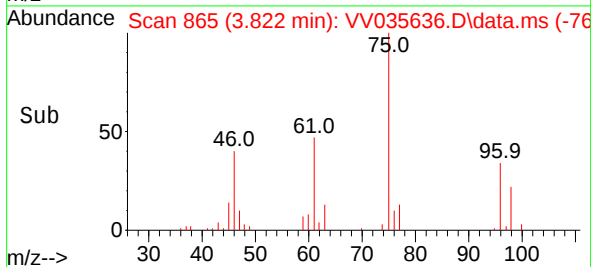
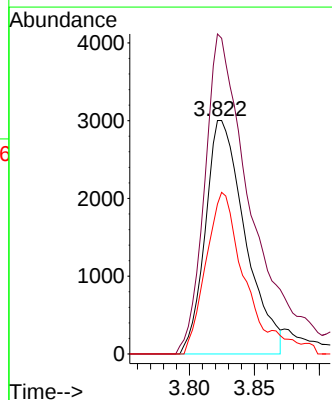
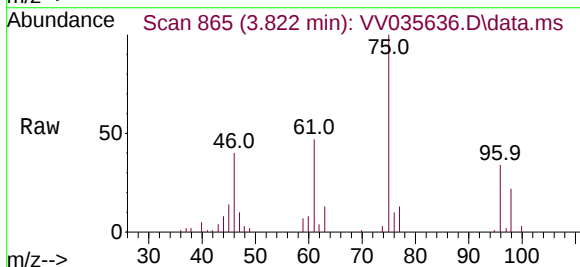
Instrument :
MSVOA_V
ClientSampleId :

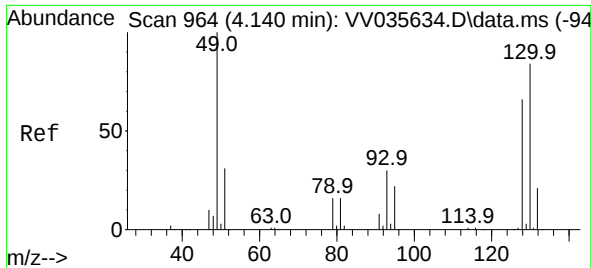
Tgt Ion: 63 Resp: 12809
Ion Ratio Lower Upper
63 100
65 34.6 22.7 42.3
83 12.9 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 0.851 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.013 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

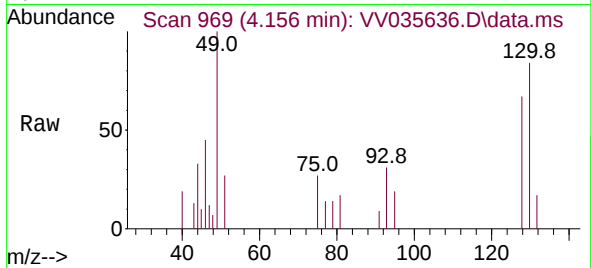
Tgt Ion: 96 Resp: 6391
Ion Ratio Lower Upper
96 100
61 137.0 83.9 155.9
98 64.2 44.0 81.8



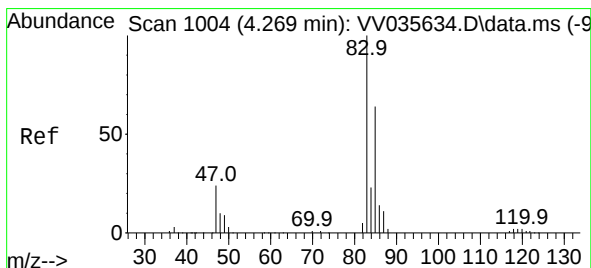
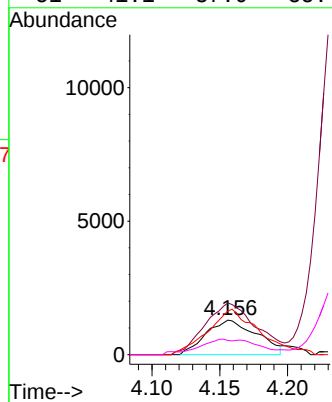
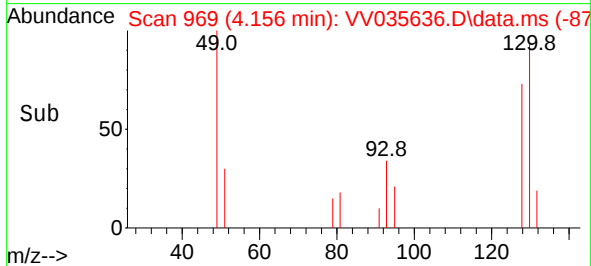


#23
Bromochloromethane
Concen: 0.926 ug/L
RT: 4.156 min Scan# 969
Delta R.T. 0.016 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

Instrument :
MSVOA_V
ClientSampleId :

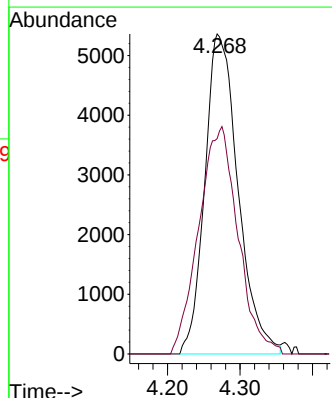
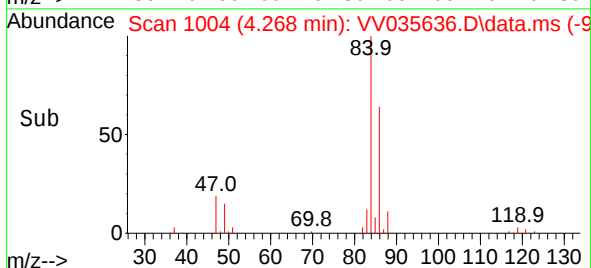
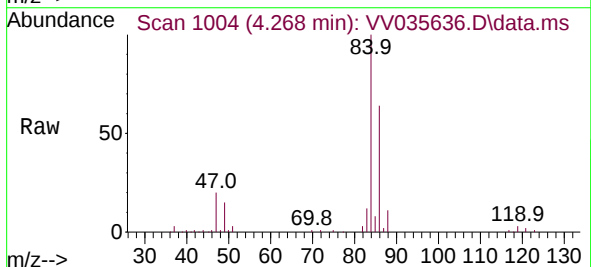


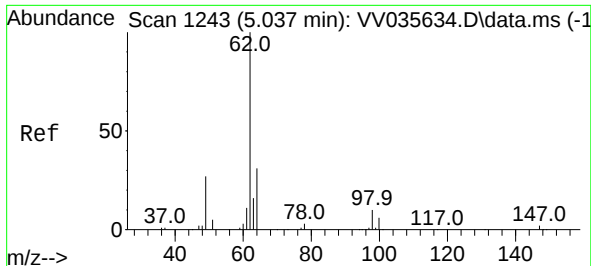
Tgt Ion:128 Resp: 3365
Ion Ratio Lower Upper
128 100
49 149.8 103.1 191.5
130 126.5 91.8 170.4
51 41.1 37.0 55.4



#25
Chloroform
Concen: 1.275 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

Tgt Ion: 83 Resp: 17101
Ion Ratio Lower Upper
83 100
85 67.3 44.7 82.9





#27

1,2-Dichloroethane

Concen: 0.892 ug/L

RT: 5.059 min Scan# 1100

Delta R.T. 0.022 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

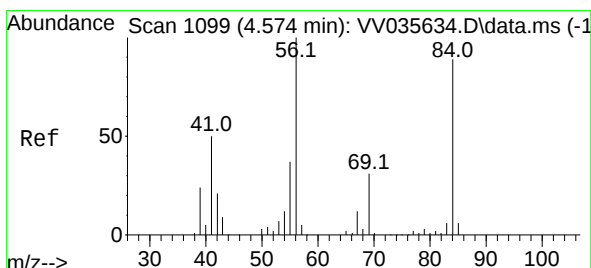
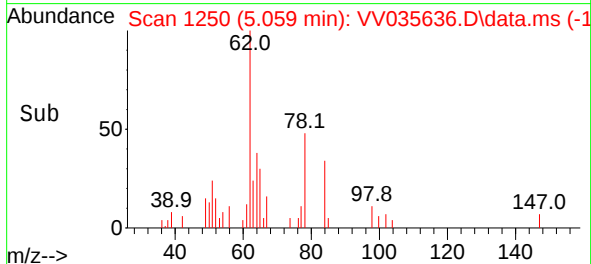
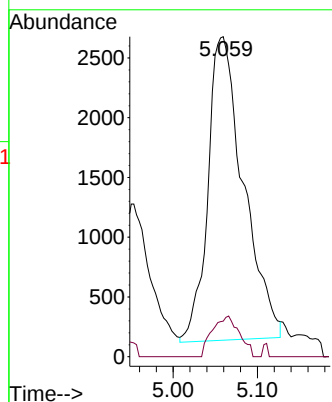
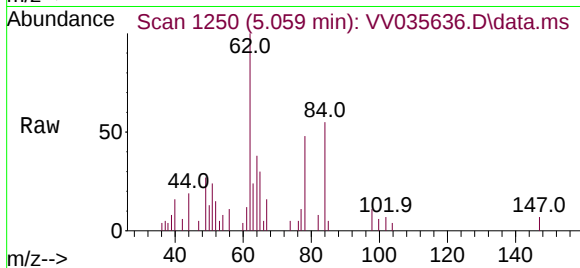
ClientSampleId :

Tgt Ion: 62 Resp: 7448

Ion Ratio Lower Upper

62 100

98 11.1 8.2 12.2



#29

Cyclohexane

Concen: 0.866 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

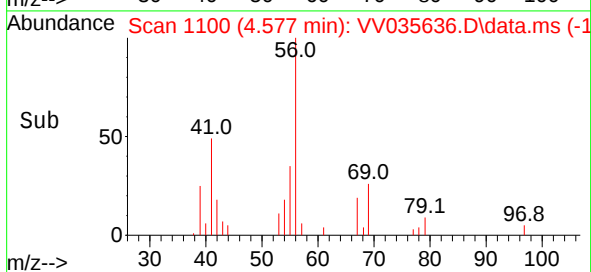
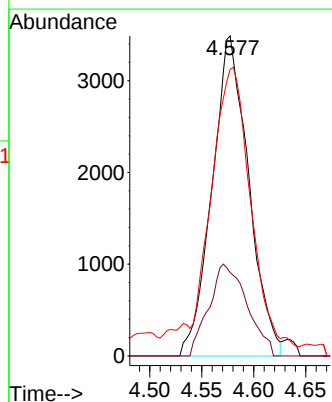
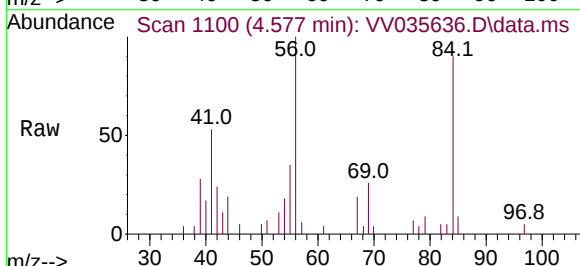
Tgt Ion: 56 Resp: 8520

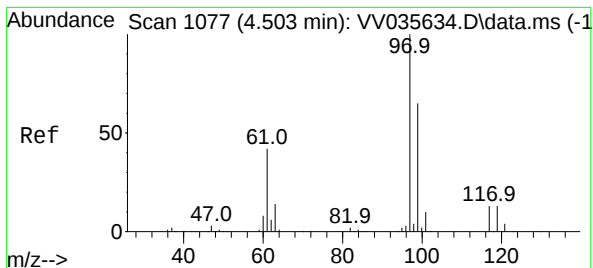
Ion Ratio Lower Upper

56 100

69 29.9 25.6 38.4

84 85.1 74.8 112.2





#30

1,1,1-Trichloroethane

Concen: 1.003 ug/L

RT: 4.510 min Scan# 11433

Delta R.T. 0.006 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

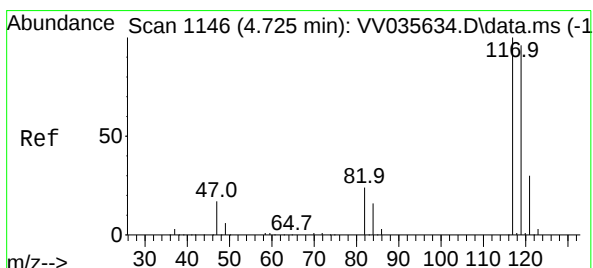
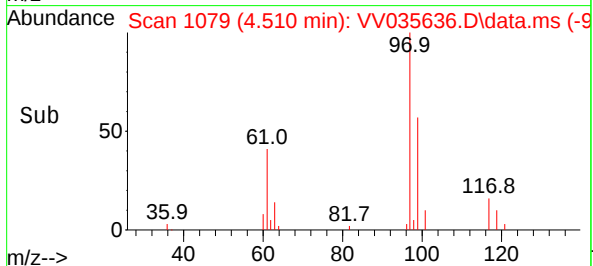
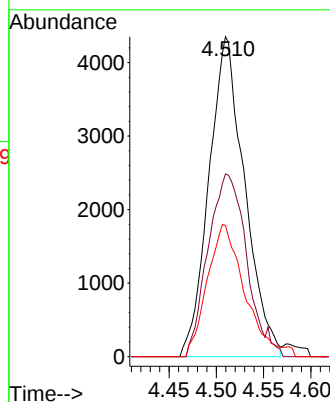
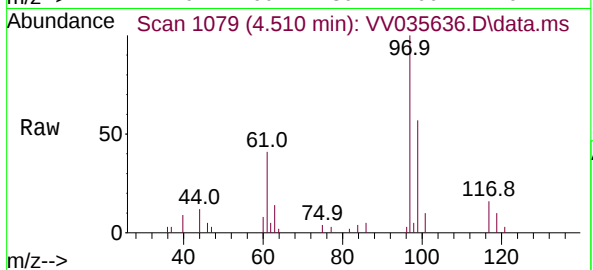
Tgt Ion: 97 Resp: 11433

Ion Ratio Lower Upper

97 100

99 59.9 51.7 77.5

61 42.8 33.5 50.3



#31

Carbon tetrachloride

Concen: 0.988 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.009 min

Lab File: VV035636.D

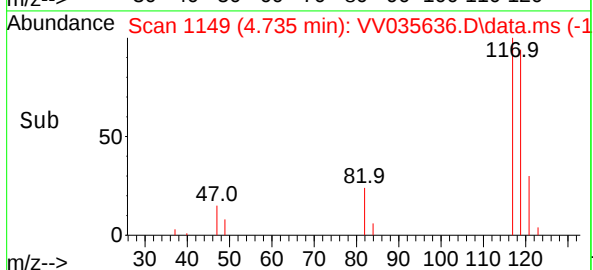
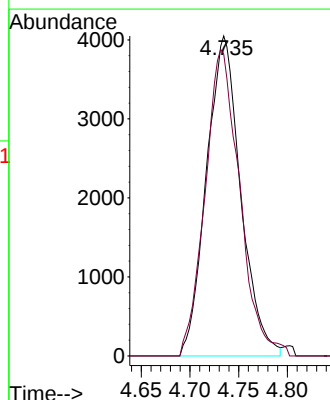
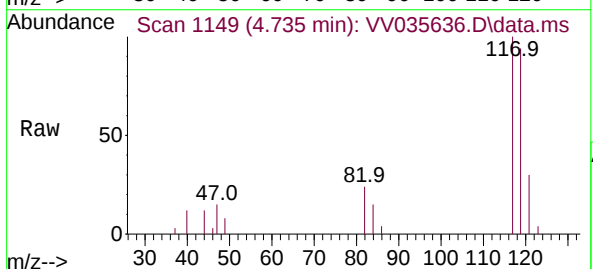
Acq: 21 May 2024 09:37

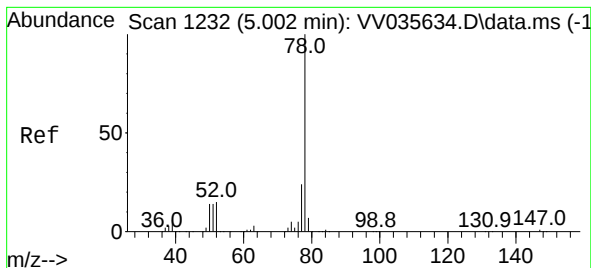
Tgt Ion: 117 Resp: 9885

Ion Ratio Lower Upper

117 100

119 97.0 77.3 115.9





#33

Benzene

Concen: 0.885 ug/L

RT: 5.011 min Scan# 1493

Delta R.T. 0.009 min

Lab File: VV035636.D

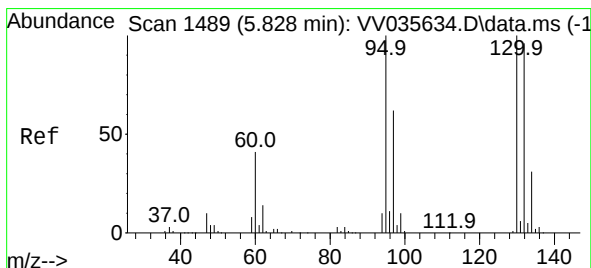
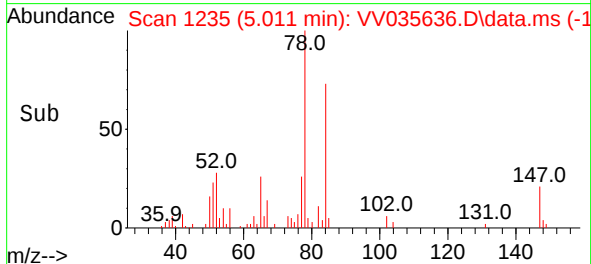
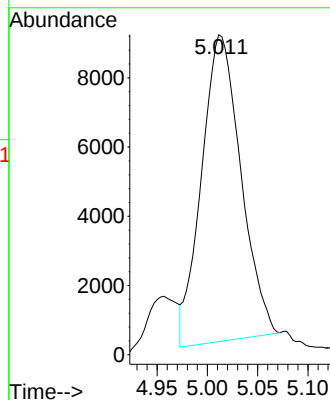
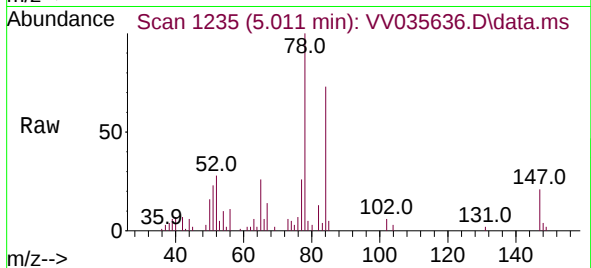
Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 24100



#34

Trichloroethene

Concen: 1.105 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.013 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Tgt Ion: 95 Resp: 8507

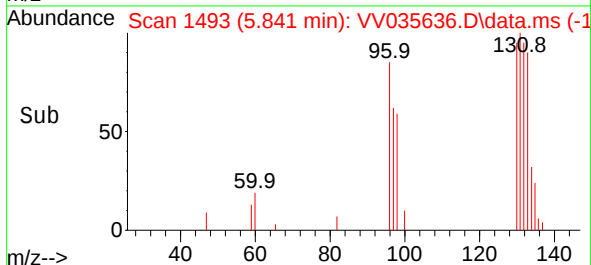
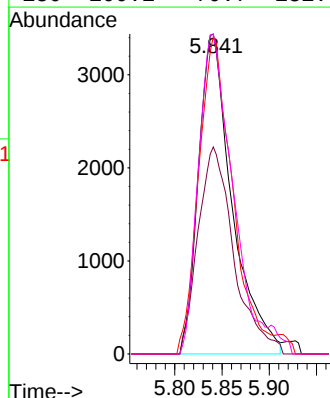
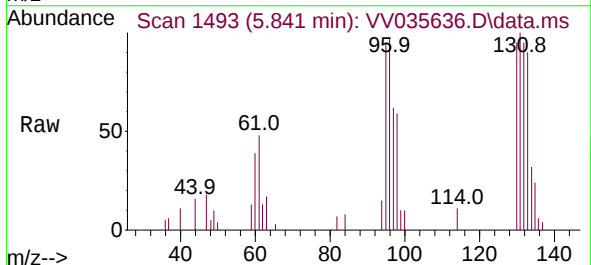
Ion Ratio Lower Upper

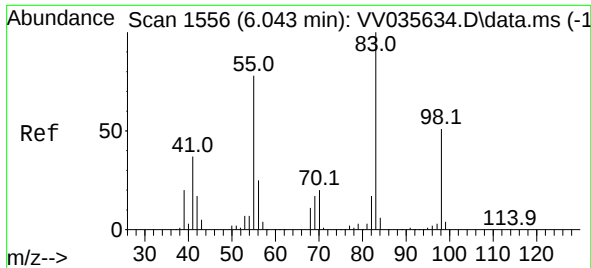
95 100

97 64.7 43.8 81.4

132 99.2 67.1 124.7

130 100.1 70.7 131.3





#35

Methylcyclohexane

Concen: 0.815 ug/L

RT: 6.040 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VV035636.D

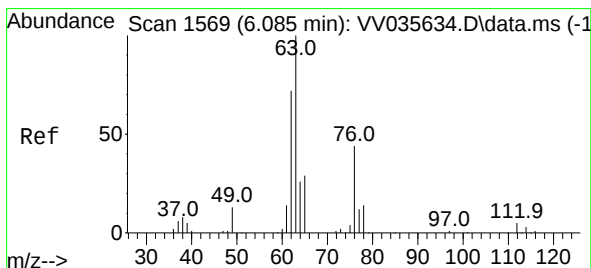
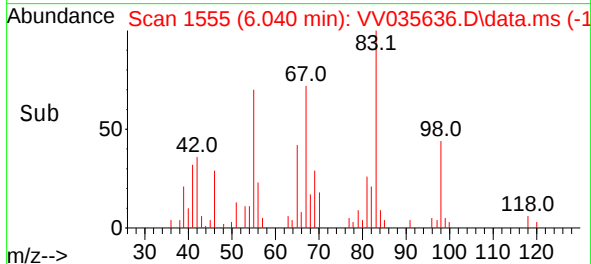
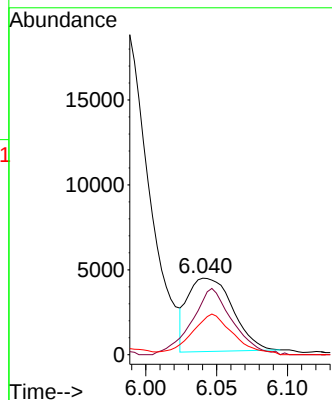
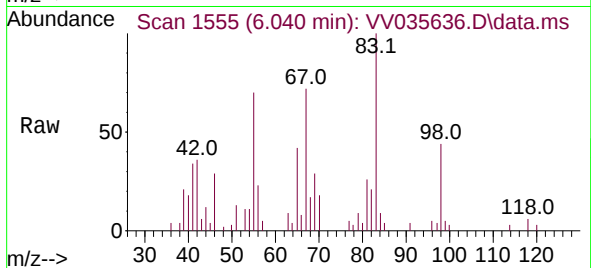
Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 9531
Ion Ratio	Lower Upper
83	100
55	81.1 57.5 86.3
98	51.4 38.6 58.0



#37

1,2-Dichloropropane

Concen: 0.870 ug/L

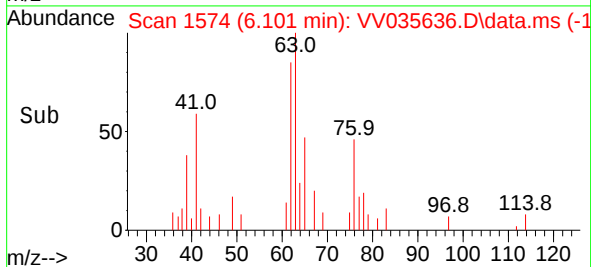
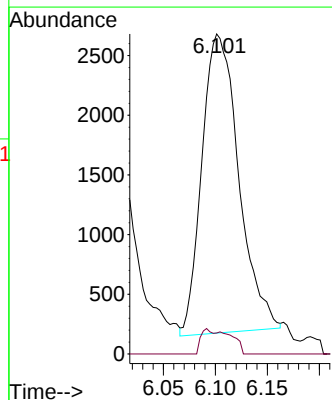
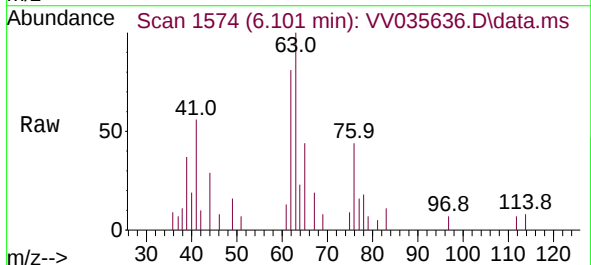
RT: 6.101 min Scan# 1574

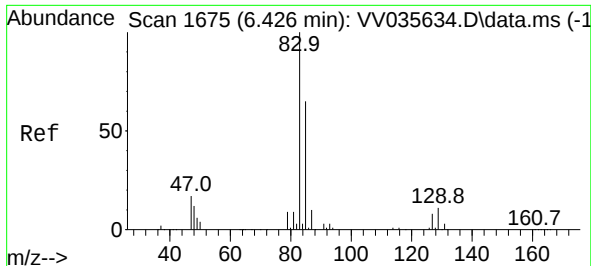
Delta R.T. 0.016 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Tgt Ion: 63	Resp: 6181
Ion Ratio	Lower Upper
63	100
112	2.8 3.8 5.6#





#38

Bromodichloromethane

Concen: 0.982 ug/L

RT: 6.439 min Scan# 1

Delta R.T. 0.013 min

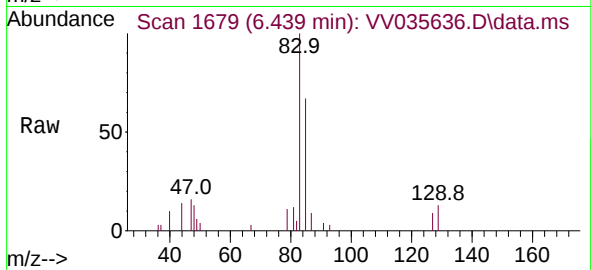
Lab File: VV035636.D

Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :



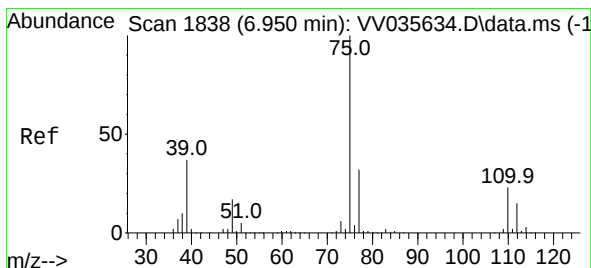
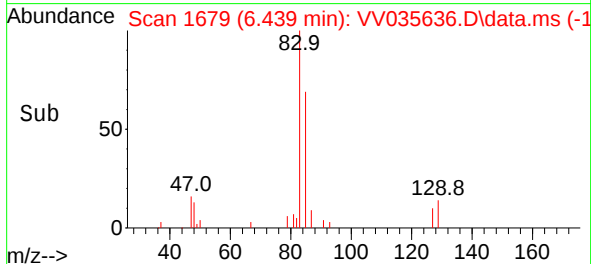
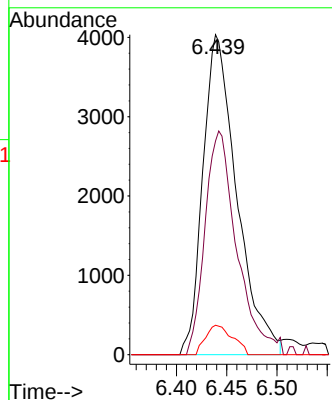
Tgt Ion: 83 Resp: 9447

Ion Ratio Lower Upper

83 100

85 66.8 45.1 83.9

127 9.2 7.0 10.6



#39

cis-1,3-Dichloropropene

Concen: 0.854 ug/L

RT: 6.973 min Scan# 1845

Delta R.T. 0.022 min

Lab File: VV035636.D

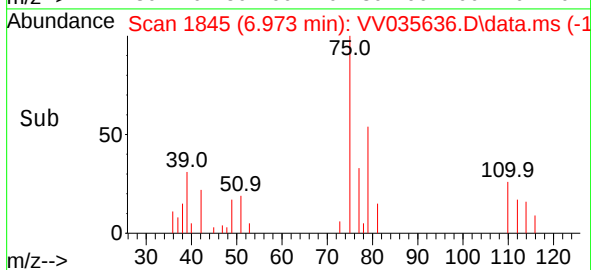
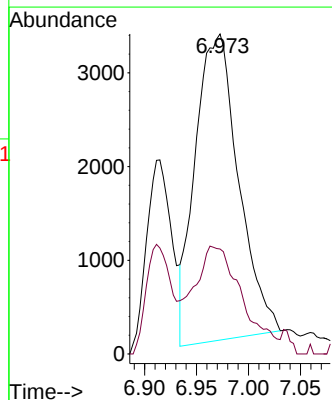
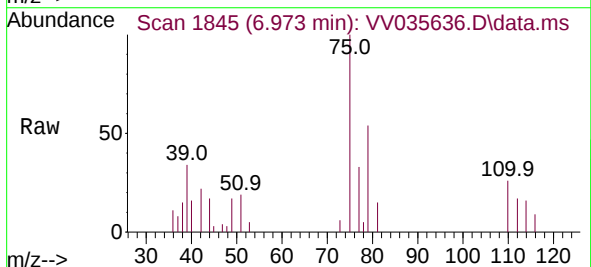
Acq: 21 May 2024 09:37

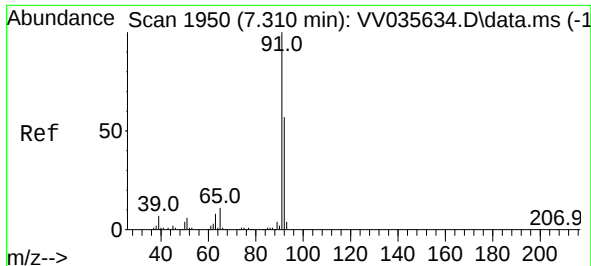
Tgt Ion: 75 Resp: 9481

Ion Ratio Lower Upper

75 100

77 32.8 22.5 41.9





#42

Toluene

Concen: 0.972 ug/L

RT: 7.323 min Scan# 1950

Delta R.T. 0.013 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

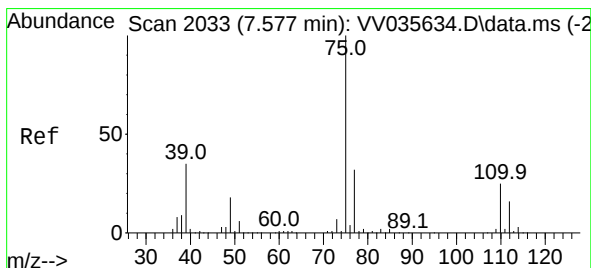
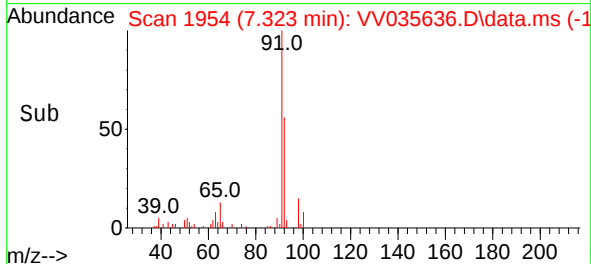
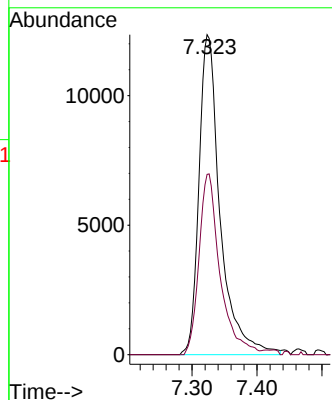
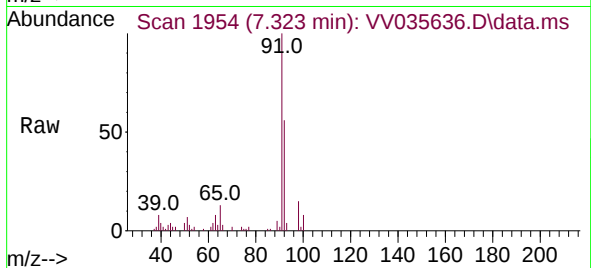
ClientSampleId :

Tgt Ion: 91 Resp: 28006

Ion Ratio Lower Upper

91 100

92 56.3 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 0.886 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.013 min

Lab File: VV035636.D

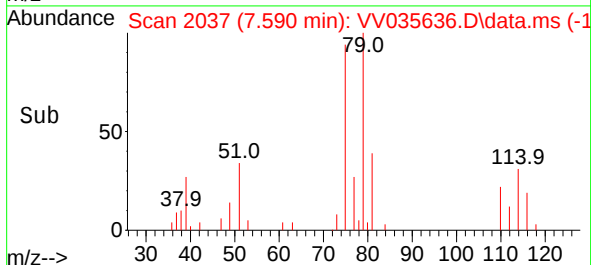
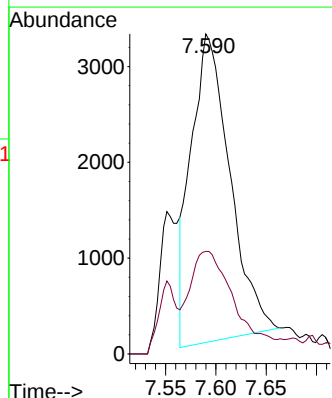
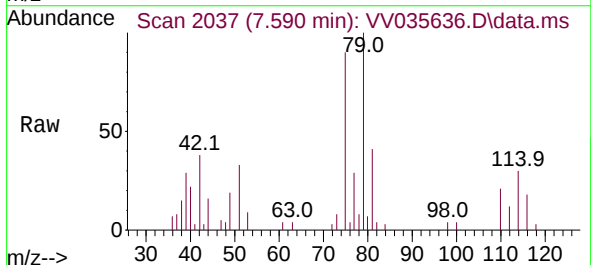
Acq: 21 May 2024 09:37

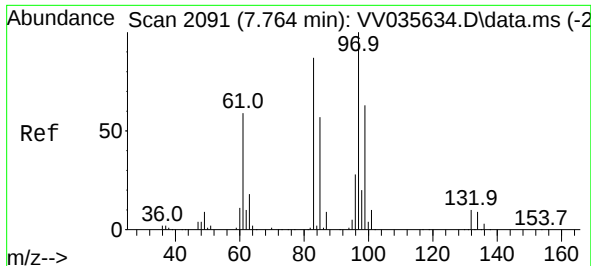
Tgt Ion: 75 Resp: 8608

Ion Ratio Lower Upper

75 100

77 32.1 22.4 41.6

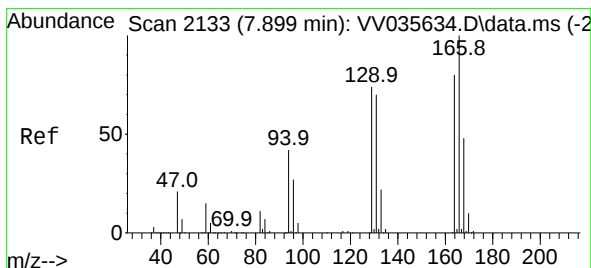
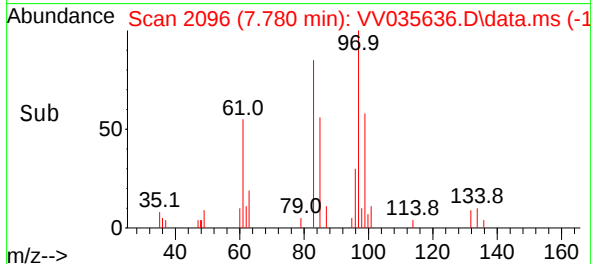
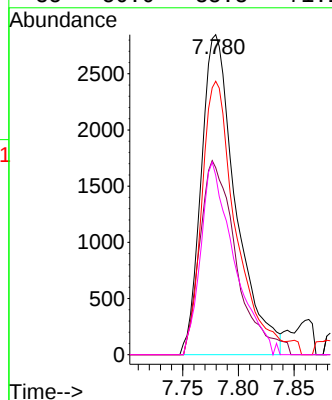
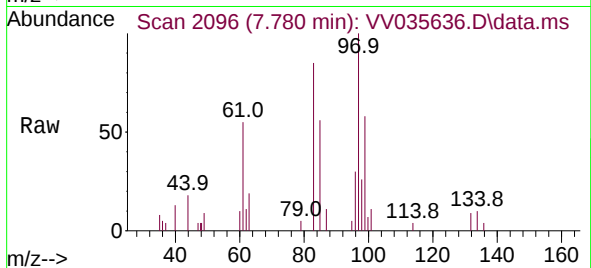




#45
1,1,2-Trichloroethane
Concen: 1.019 ug/L
RT: 7.780 min Scan# 2091
Delta R.T. 0.016 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

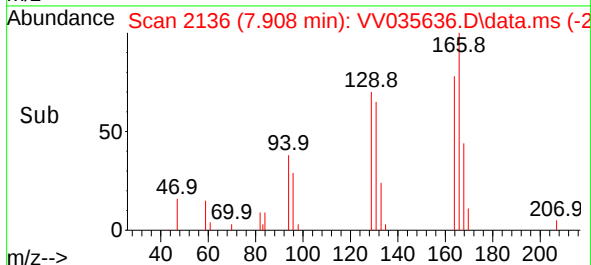
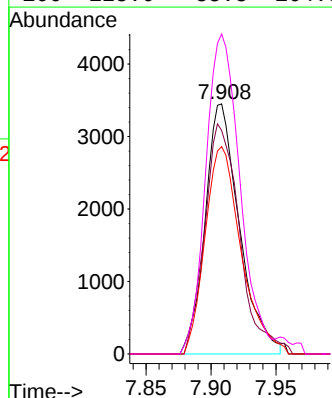
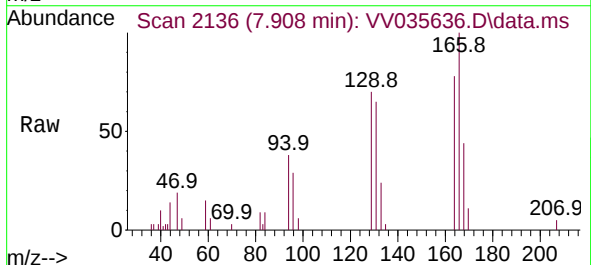
Instrument :
MSVOA_V
ClientSampleId :

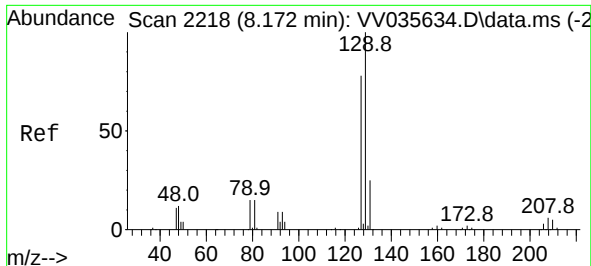
Tgt Ion: 97	Resp: 6150
Ion Ratio	Lower Upper
97 100	
99 58.5	43.3 80.3
83 85.5	60.3 111.9
85 56.0	38.3 71.1



#46
Tetrachloroethene
Concen: 1.009 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.009 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

Tgt Ion:164	Resp: 6313
Ion Ratio	Lower Upper
164 100	
129 89.4	63.4 117.8
131 82.9	61.0 113.4
166 128.0	88.8 164.8

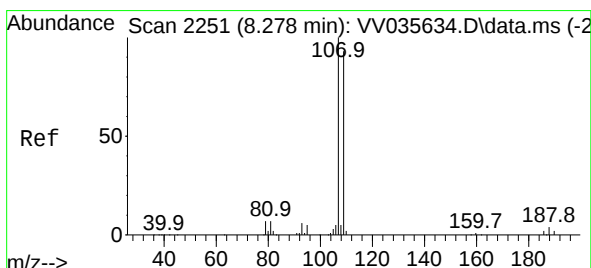
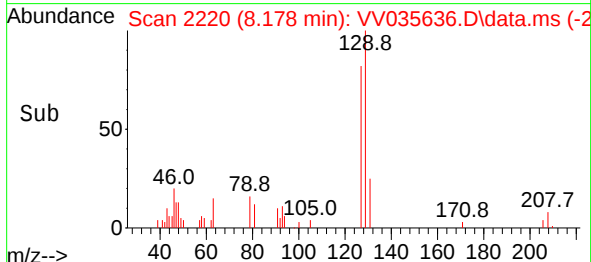
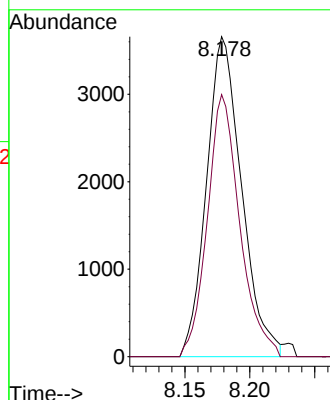
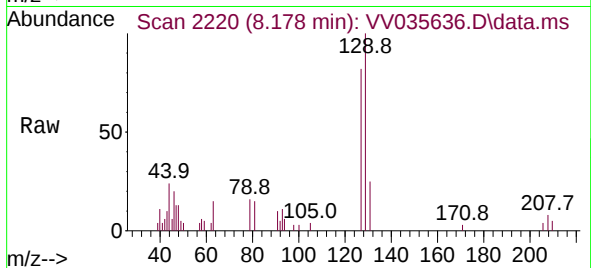




#49
 Dibromochloromethane
 Concen: 1.007 ug/L
 RT: 8.178 min Scan# 2218
 Delta R.T. 0.006 min
 Lab File: VV035636.D
 Acq: 21 May 2024 09:37

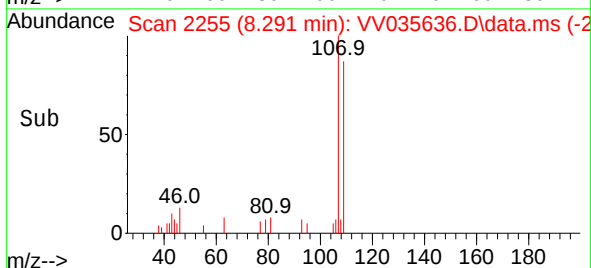
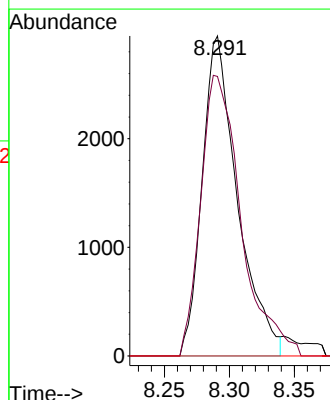
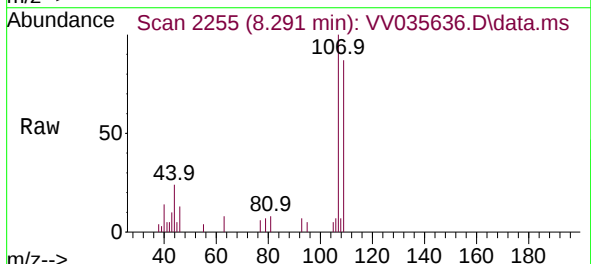
Instrument :
 MSVOA_V
 ClientSampleId :

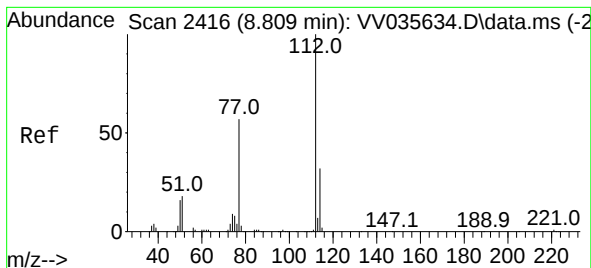
Tgt Ion:129 Resp: 6856
 Ion Ratio Lower Upper
 129 100
 127 81.9 53.8 99.8



#50
 1,2-Dibromoethane
 Concen: 0.939 ug/L
 RT: 8.291 min Scan# 2255
 Delta R.T. 0.013 min
 Lab File: VV035636.D
 Acq: 21 May 2024 09:37

Tgt Ion:107 Resp: 5581
 Ion Ratio Lower Upper
 107 100
 109 87.4 65.4 121.4
 188 0.0 2.9 4.3#





#51

Chlorobenzene

Concen: 1.028 ug/L

RT: 8.815 min Scan# 2416

Delta R.T. 0.006 min

Lab File: VV035636.D

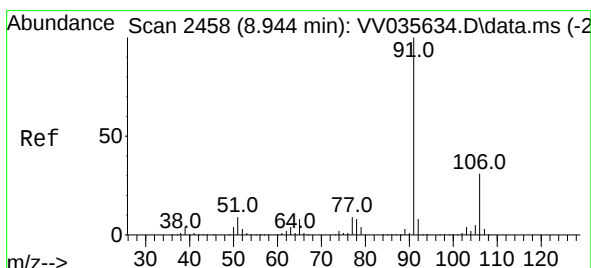
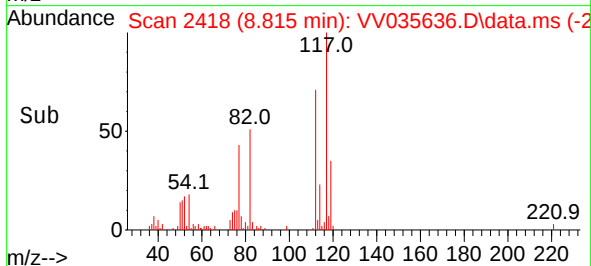
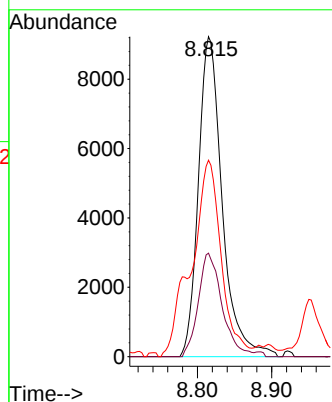
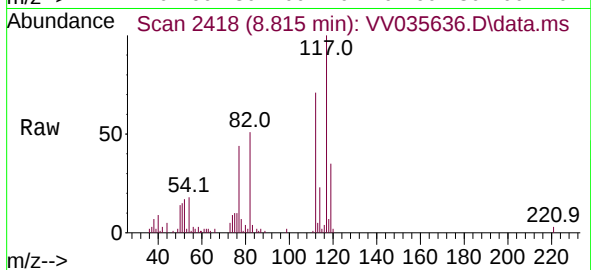
Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	112	Resp:	20545
Ion Ratio	Lower	Upper	
112	100		
114	32.4	22.5	41.7
77	61.4	46.6	69.8



#52

Ethylbenzene

Concen: 0.854 ug/L

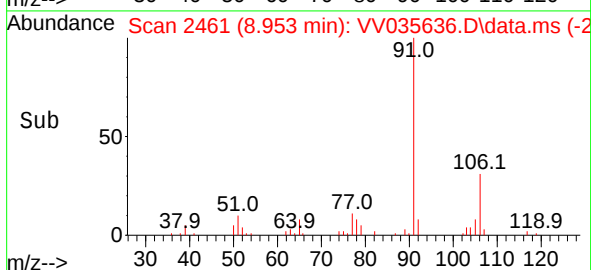
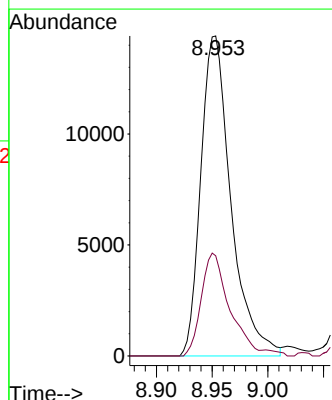
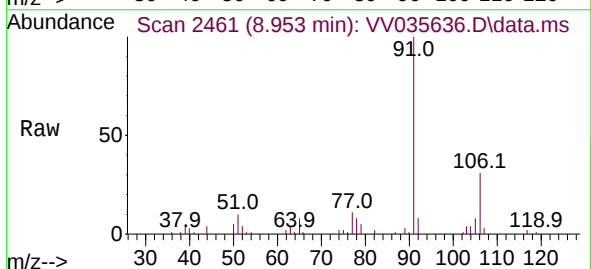
RT: 8.953 min Scan# 2461

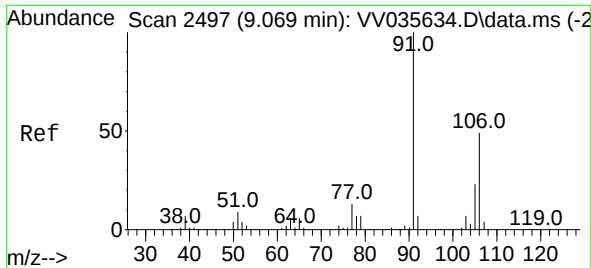
Delta R.T. 0.009 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Tgt Ion:	91	Resp:	27147
Ion Ratio	Lower	Upper	
91	100		
106	31.3	21.7	40.3

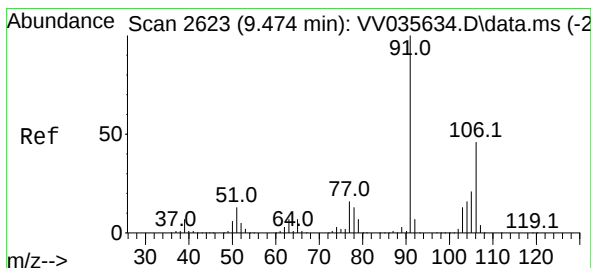
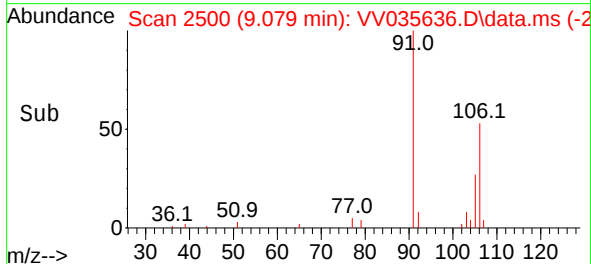
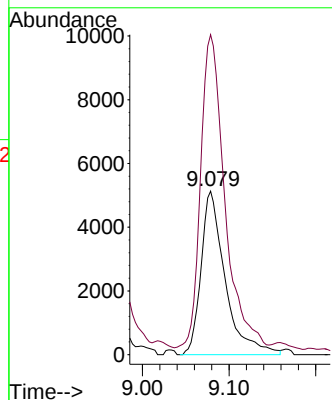
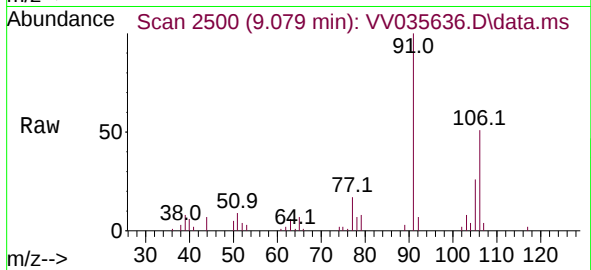




#53
m,p-Xylene
Concen: 0.822 ug/L
RT: 9.079 min Scan# 2497
Delta R.T. 0.009 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

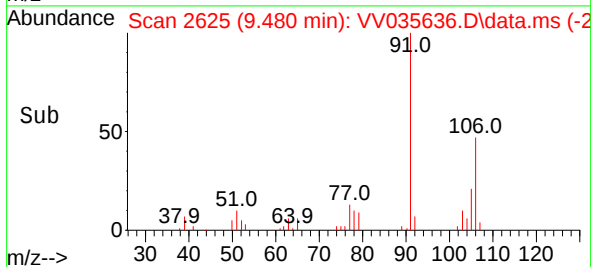
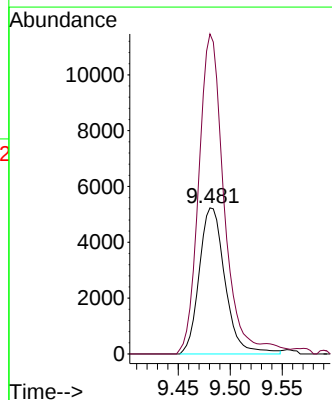
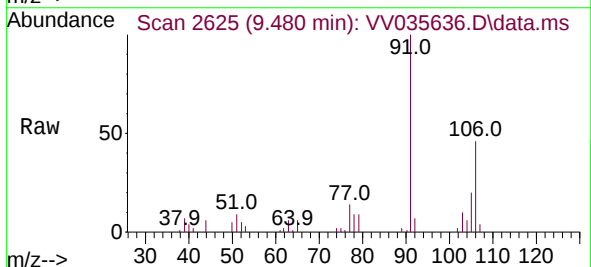
Instrument :
MSVOA_V
ClientSampleId :

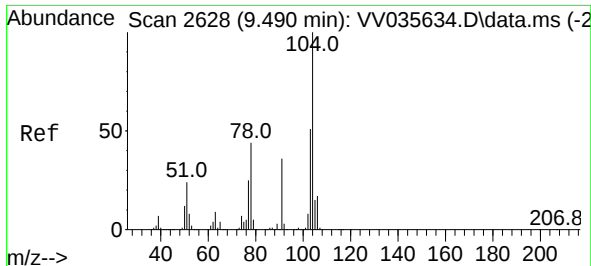
Tgt Ion:106 Resp: 9923
Ion Ratio Lower Upper
106 100
91 195.7 142.7 264.9



#54
o-Xylene
Concen: 0.792 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.006 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

Tgt Ion:106 Resp: 9055
Ion Ratio Lower Upper
106 100
91 219.1 150.9 280.3





#55

Styrene

Concen: 0.674 ug/L

RT: 9.506 min Scan# 2

Delta R.T. 0.016 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

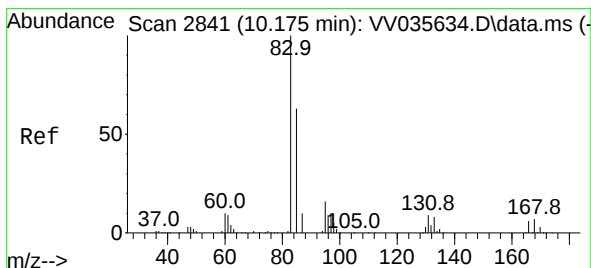
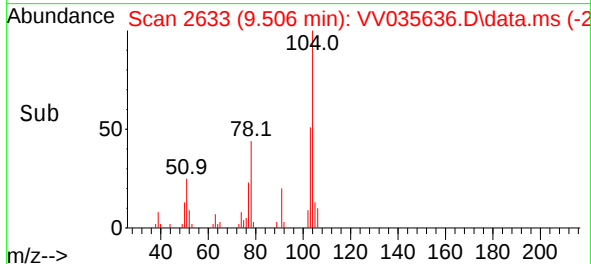
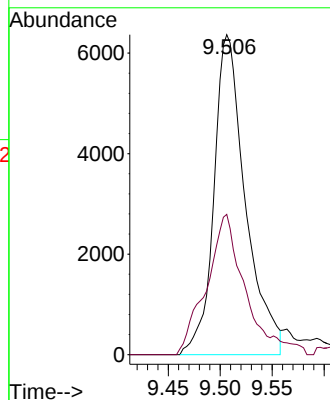
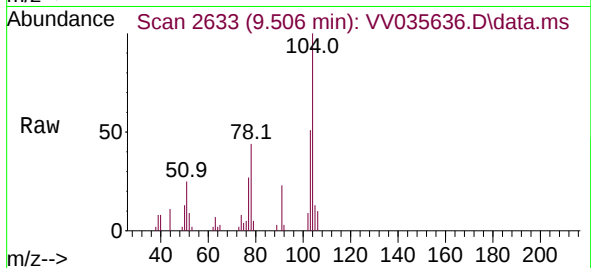
ClientSampleId :

Tgt Ion:104 Resp: 13435

Ion Ratio Lower Upper

104 100

78 43.9 30.0 55.6



#57

1,1,2,2-Tetrachloroethane

Concen: 0.946 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.000 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

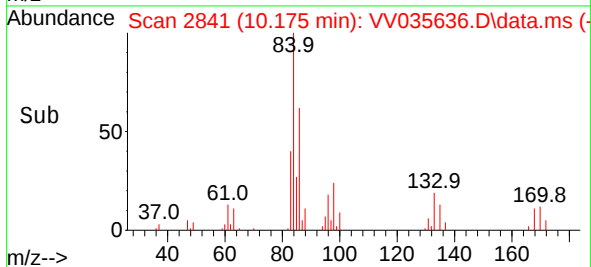
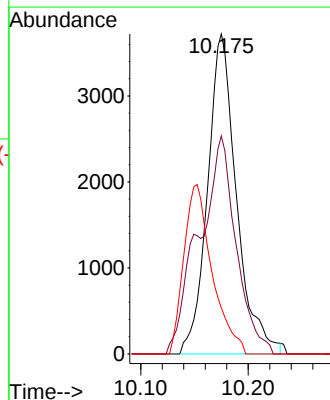
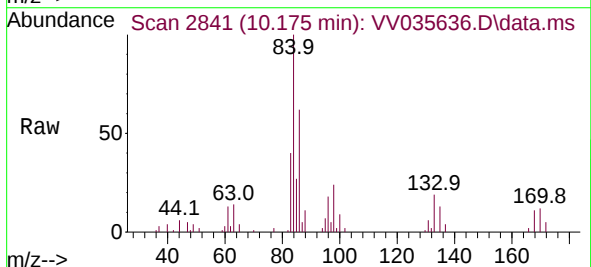
Tgt Ion: 83 Resp: 6953

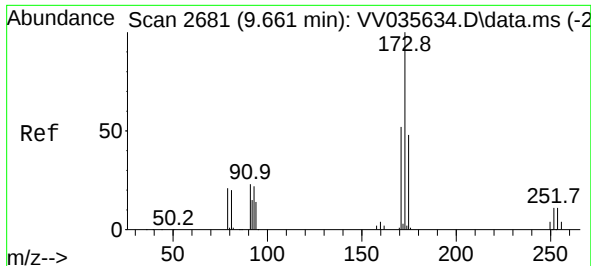
Ion Ratio Lower Upper

83 100

85 68.2 44.7 83.1

131 14.4 8.0 12.0#





#59

Bromoform

Concen: 0.998 ug/L

RT: 9.667 min Scan# 2

Delta R.T. 0.006 min

Lab File: VV035636.D

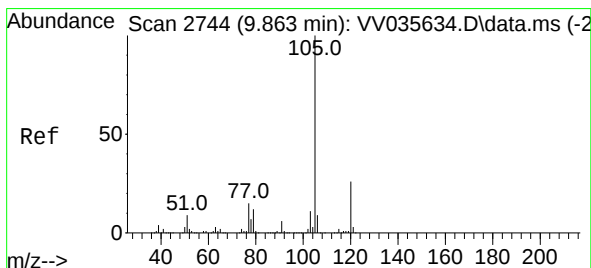
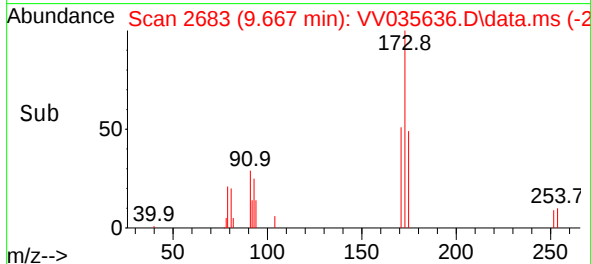
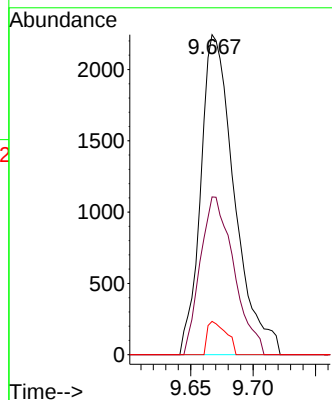
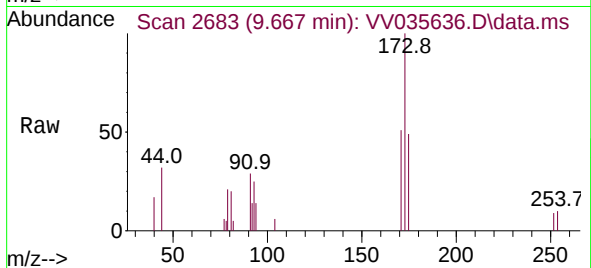
Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:173	Resp:	4212
Ion Ratio	Lower	Upper
173	100	
175	49.1	38.7 58.1
254	5.8	8.3 12.5#



#60

Isopropylbenzene

Concen: 0.814 ug/L

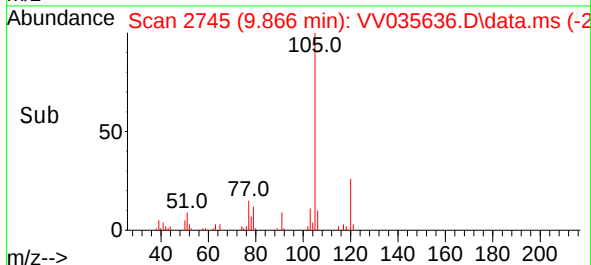
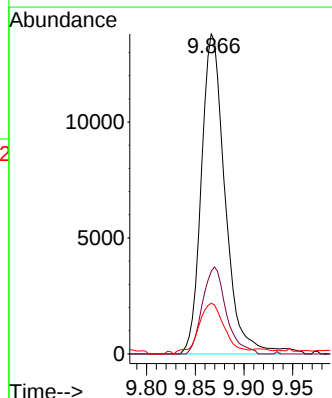
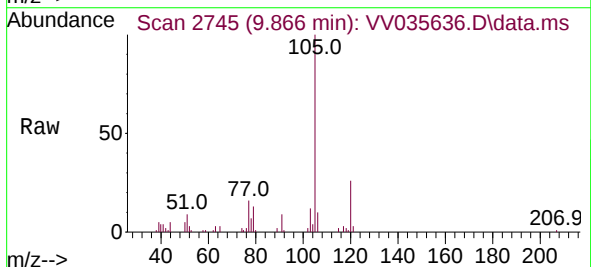
RT: 9.866 min Scan# 2745

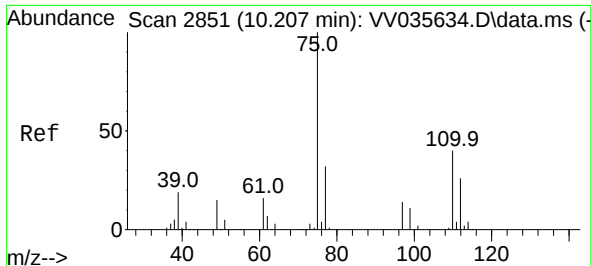
Delta R.T. 0.003 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Tgt Ion:105	Resp:	23282
Ion Ratio	Lower	Upper
105	100	
120	27.3	21.3 31.9
77	16.0	12.2 18.2





#61

1,2,3-Trichloropropane

Concen: 1.112 ug/L

RT: 10.210 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

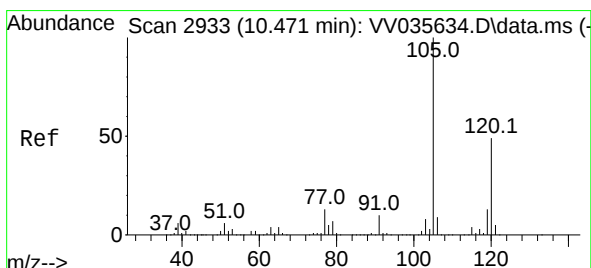
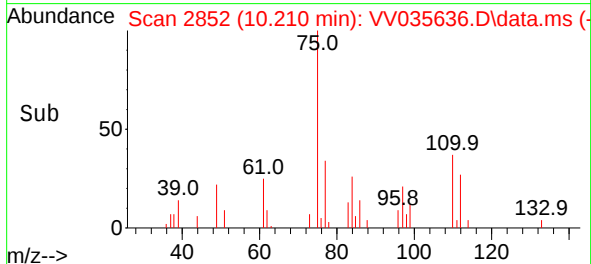
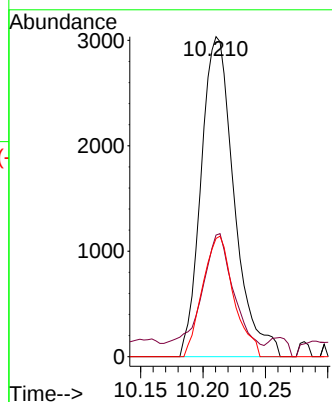
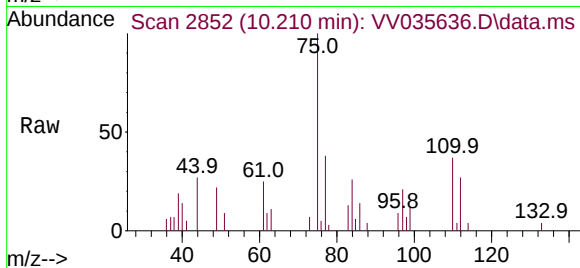
Tgt Ion: 75 Resp: 5598

Ion Ratio Lower Upper

75 100

77 34.9 25.7 38.5

110 35.5 31.8 47.8



#62

1,3,5-Trimethylbenzene

Concen: 0.747 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.006 min

Lab File: VV035636.D

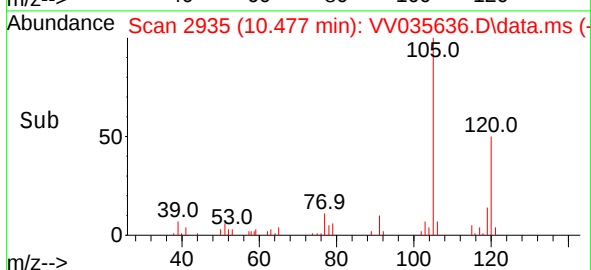
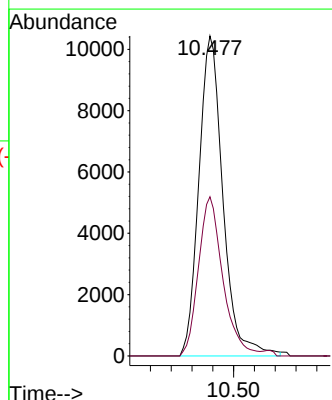
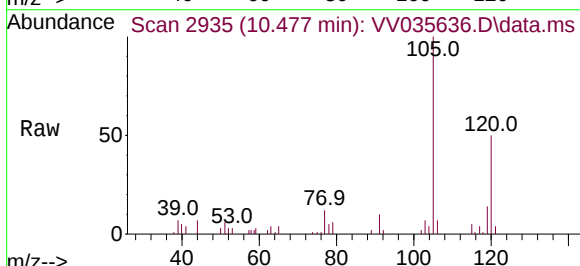
Acq: 21 May 2024 09:37

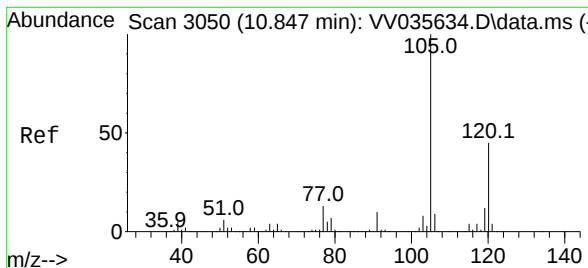
Tgt Ion:105 Resp: 16769

Ion Ratio Lower Upper

105 100

120 50.4 39.4 59.0





#63

1,2,4-Trimethylbenzene

Concen: 0.743 ug/L

RT: 10.853 min Scan# 3050

Delta R.T. 0.006 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

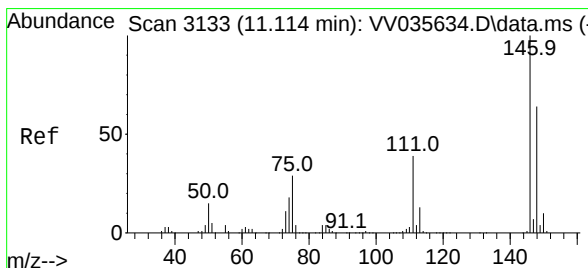
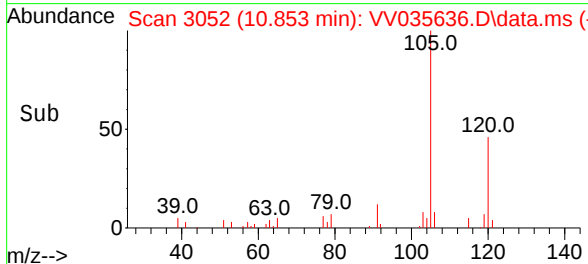
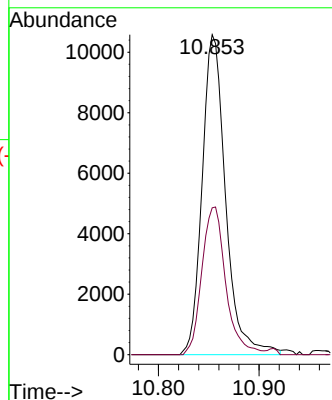
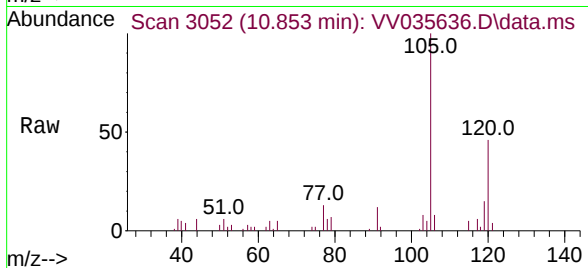
ClientSampleId :

Tgt Ion:105 Resp: 17146

Ion Ratio Lower Upper

105 100

120 47.2 36.6 55.0



#64

1,3-Dichlorobenzene

Concen: 0.944 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.006 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

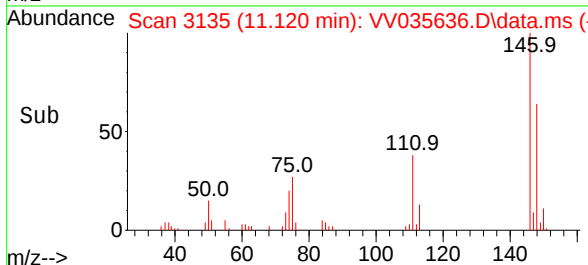
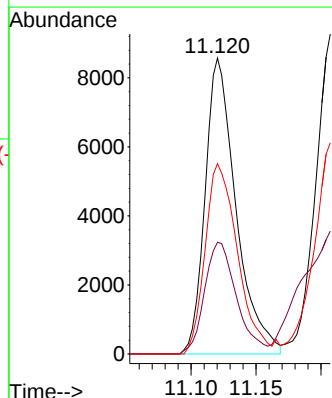
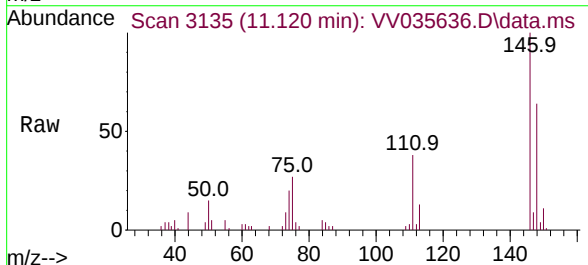
Tgt Ion:146 Resp: 14172

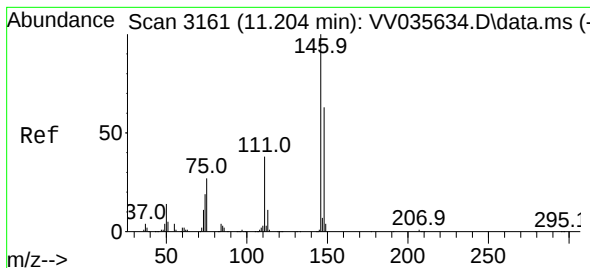
Ion Ratio Lower Upper

146 100

111 37.7 27.0 50.2

148 64.3 44.3 82.3





#65

1,4-Dichlorobenzene

Concen: 1.047 ug/L

RT: 11.210 min Scan# 3161

Delta R.T. 0.006 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

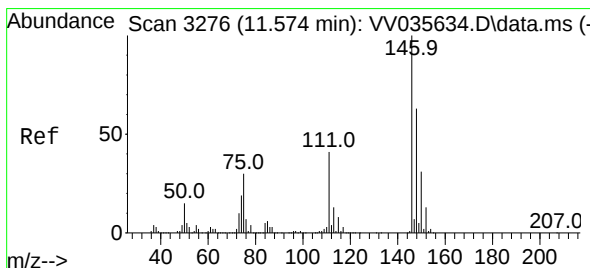
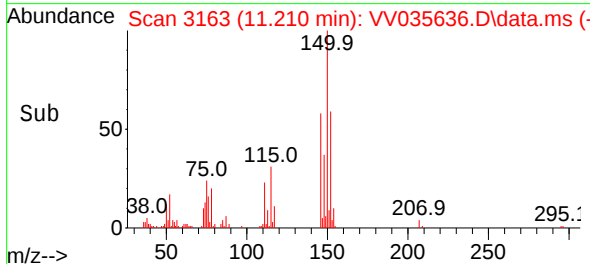
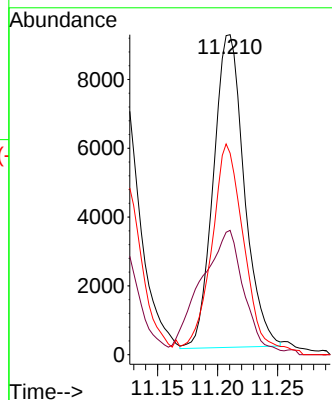
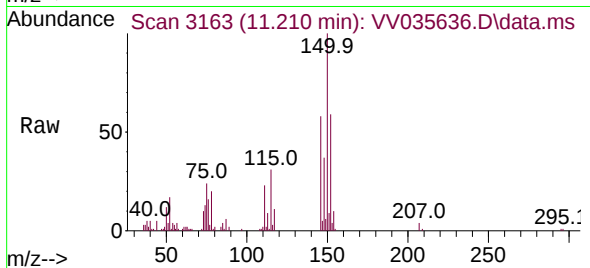
Tgt Ion:146 Resp: 16273

Ion Ratio Lower Upper

146 100

111 38.8 26.2 48.6

148 63.0 44.9 83.3



#67

1,2-Dichlorobenzene

Concen: 1.101 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.003 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

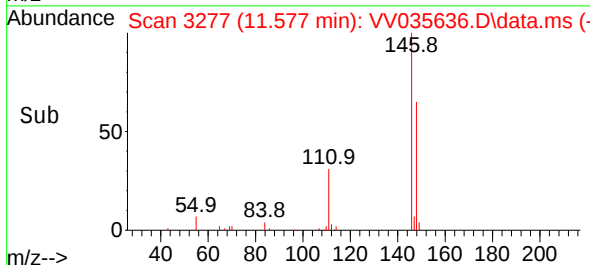
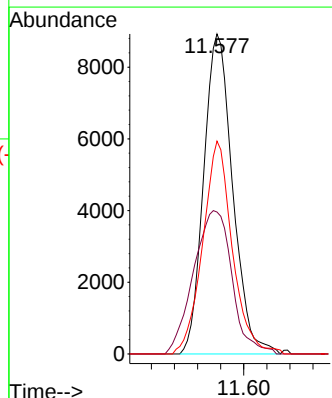
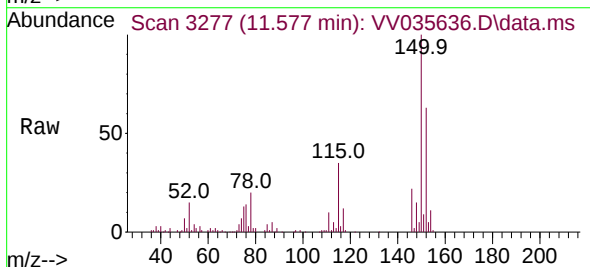
Tgt Ion:146 Resp: 15560

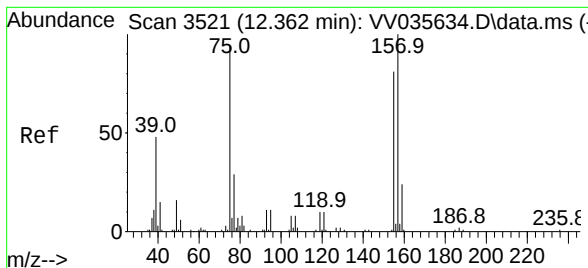
Ion Ratio Lower Upper

146 100

111 44.3 32.6 48.8

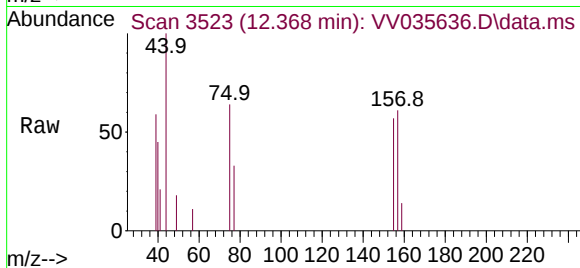
148 66.5 51.1 76.7



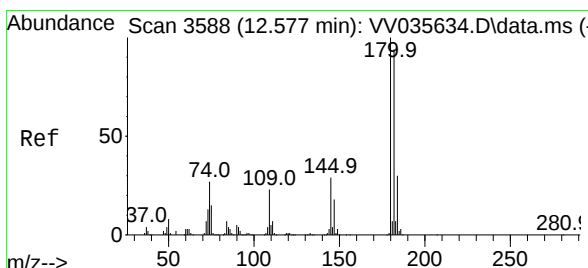
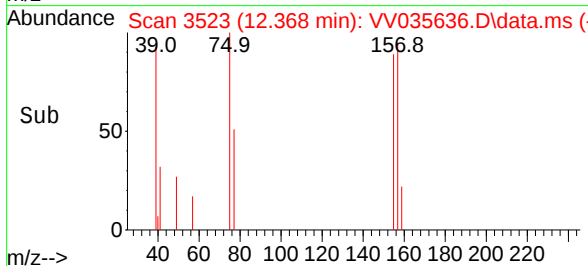
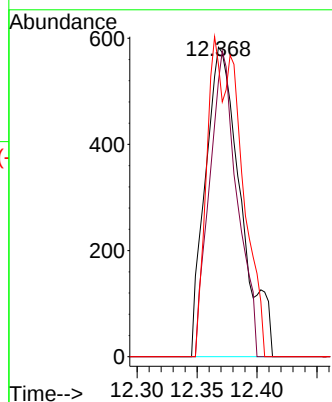


#68
1,2-Dibromo-3-chloropropane
Concen: 1.017 ug/L
RT: 12.368 min Scan# 3521
Delta R.T. 0.006 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

Instrument :
MSVOA_V
ClientSampleId :

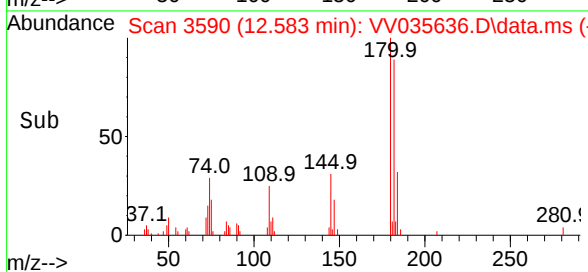
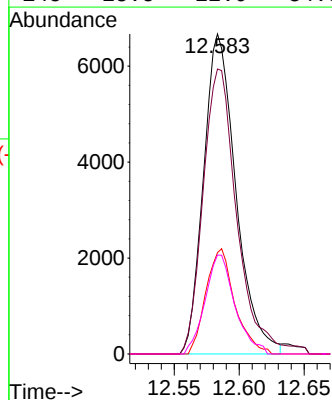
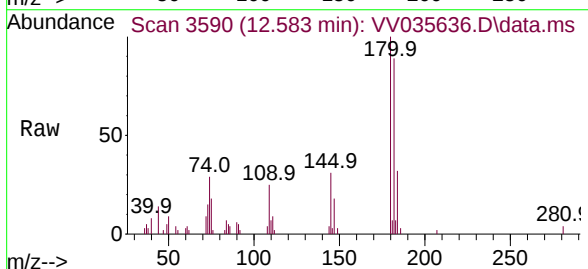


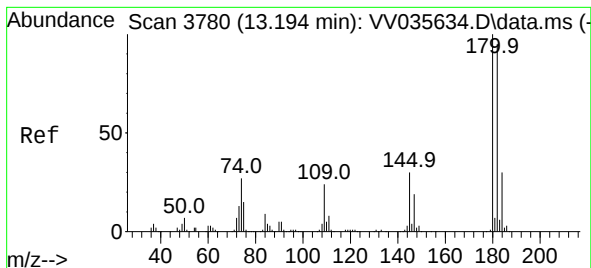
Tgt Ion: 75 Resp: 1187
Ion Ratio Lower Upper
75 100
155 89.0 69.8 104.6
157 94.5 95.0 142.6#



#69
1,3,5-Trichlorobenzene
Concen: 0.987 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.006 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

Tgt Ion: 180 Resp: 11575
Ion Ratio Lower Upper
180 100
182 92.3 76.2 114.2
184 29.3 24.1 36.1
145 28.5 22.9 34.3





#70

1,2,4-trichlorobenzene

Concen: 0.941 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.006 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

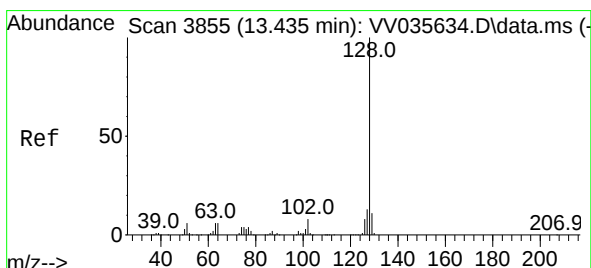
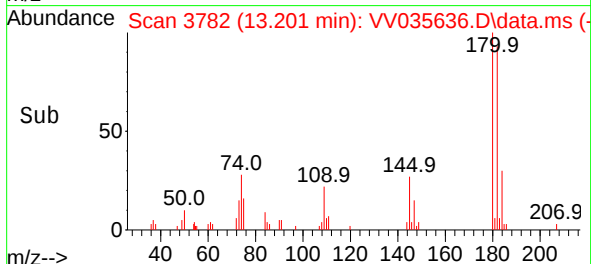
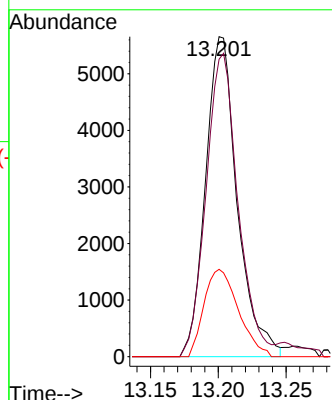
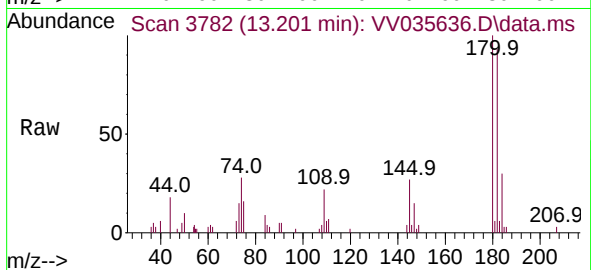
Tgt Ion:180 Resp: 9224

Ion Ratio Lower Upper

180 100

182 95.2 76.6 114.8

145 29.4 23.2 34.8



#71

Naphthalene

Concen: 0.849 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.009 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

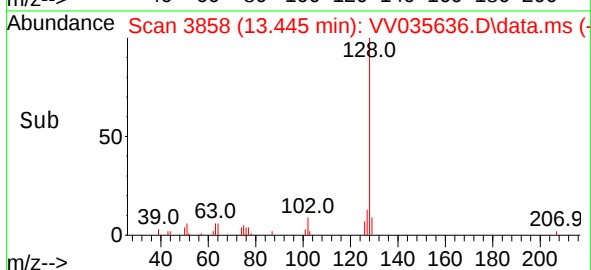
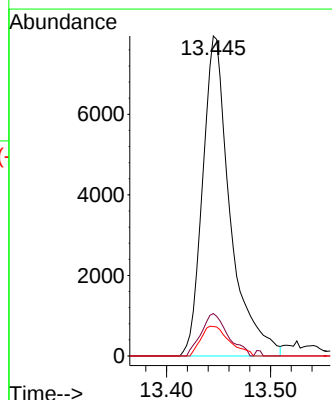
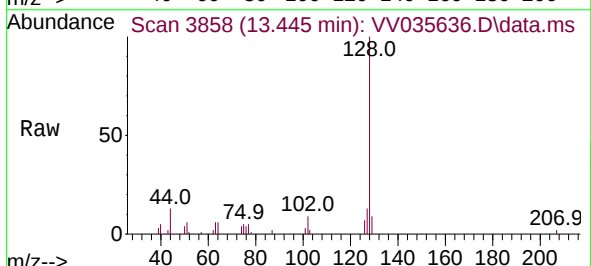
Tgt Ion:128 Resp: 14610

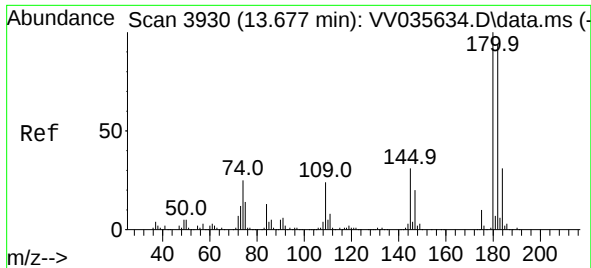
Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

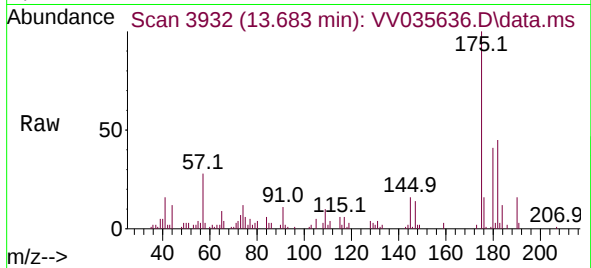
129 9.6 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 0.920 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.006 min
 Lab File: VV035636.D
 Acq: 21 May 2024 09:37

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	8112
Ion Ratio	Lower	Upper	
180	100		
182	101.9	75.8	113.6
145	35.4	25.2	37.8

