

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051524\
 Data File : VV035615.D
 Acq On : 15 May 2024 10:16
 Operator : SY/MD
 Sample : P2409-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 16 01:36:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 16 01:35:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	225236	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	240644	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	103481	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	59343	4.154	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.529	69	57588	4.452	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.056	65	26319	4.147	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.831	46	143509	43.102	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.200%
24) Chloroform-d	4.246	84	138960	4.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.944	65	67654	4.867	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	4.957	84	247259	4.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	5.989	67	85301	4.880	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.243	98	191975	3.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	7.558	79	26628	4.379	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.030	63	121589	44.203	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.400%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	62384	4.406	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	79681	4.979	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	4708	0.261	ug/L	100
3) Chloromethane	1.214	50	5647	0.277	ug/L	99
5) Vinyl chloride	1.281	62	5340	0.261	ug/L #	73
6) Bromomethane	1.487	94	3912	0.283	ug/L	98
8) Chloroethane	1.548	64	3571	0.270	ug/L	95
9) Trichlorofluoromethane	1.712	101	7178	0.272	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	5488	0.330	ug/L #	84
12) 1,1-Dichloroethene	2.066	96	5247	0.331	ug/L #	1
14) Carbon disulfide	2.236	76	11980	0.271	ug/L	96
15) Methyl Acetate	2.400	43	1112	0.183	ug/L #	66
16) Methylene chloride	2.445	84	7370	0.330	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	9335	0.255	ug/L	96
18) trans-1,2-Dichloroethene	2.696	96	4239	0.257	ug/L	98
19) 1,1-Dichloroethane	3.111	63	8017	0.244	ug/L	96
22) cis-1,2-Dichloroethene	3.825	96	4331	0.250	ug/L	97
23) Bromochloromethane	4.169	128	2328	0.276	ug/L #	78
25) Chloroform	4.275	83	11724	0.342	ug/L	99
27) 1,2-Dichloroethane	5.063	62	5230	0.275	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	7543	0.259	ug/L	98

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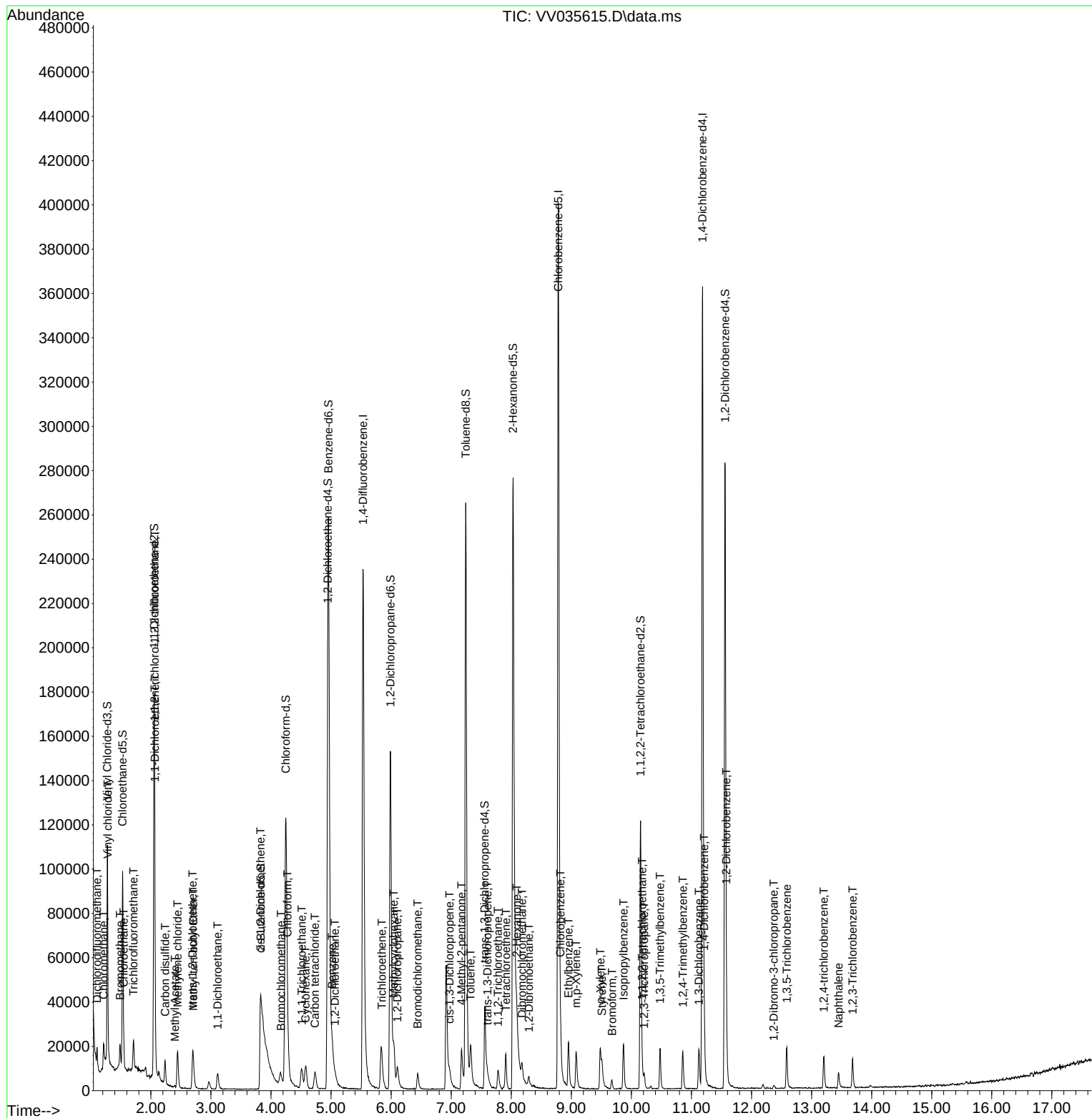
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.574	56	4903	0.233	ug/L	94
31) Carbon tetrachloride	4.731	117	6281	0.248	ug/L	100
33) Benzene	5.014	78	16140	0.244	ug/L	100
34) Trichloroethene	5.847	95	5471	0.288	ug/L	89
35) Methylcyclohexane	6.043	83	5628	0.229	ug/L	97
37) 1,2-Dichloropropane	6.104	63	4990	0.281	ug/L #	89
38) Bromodichloromethane	6.442	83	6554	0.274	ug/L	95
39) cis-1,3-Dichloropropene	6.973	75	5666	0.239	ug/L	99
40) 4-Methyl-2-pentanone	7.172	43	15020	1.781	ug/L #	79
42) Toluene	7.323	91	16048	0.233	ug/L	94
44) trans-1,3-Dichloropropene	7.603	75	5722	0.286	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	3503	0.252	ug/L	88
47) Tetrachloroethene	7.911	164	3762	0.251	ug/L	93
48) 2-Hexanone	8.091	43	23193	3.739	ug/L #	90
49) Dibromochloromethane	8.178	129	3830	0.249	ug/L	96
50) 1,2-Dibromoethane	8.294	107	3317	0.257	ug/L #	99
51) Chlorobenzene	8.818	112	12972	0.271	ug/L	97
52) Ethylbenzene	8.953	91	16671	0.231	ug/L	96
53) m,p-Xylene	9.082	106	5531	0.202	ug/L	98
54) o-Xylene	9.484	106	5411	0.208	ug/L	87
55) Styrene	9.509	104	8861	0.196	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.178	83	3789	0.255	ug/L #	90
59) Bromoform	9.677	173	1981	0.266	ug/L #	94
60) Isopropylbenzene	9.870	105	13839	0.236	ug/L	97
61) 1,2,3-Trichloropropane	10.214	75	2811	0.291	ug/L #	86
62) 1,3,5-Trimethylbenzene	10.477	105	10477	0.227	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	10247	0.224	ug/L	96
64) 1,3-Dichlorobenzene	11.124	146	8466	0.268	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	9928	0.305	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	9256	0.307	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.371	75	532	0.259	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.586	180	7203	0.301	ug/L	94
70) 1,2,4-trichlorobenzene	13.204	180	5414	0.285	ug/L	97
71) Naphthalene	13.451	128	6847	0.251	ug/L #	96
72) 1,2,3-Trichlorobenzene	13.683	180	4753	0.271	ug/L	98

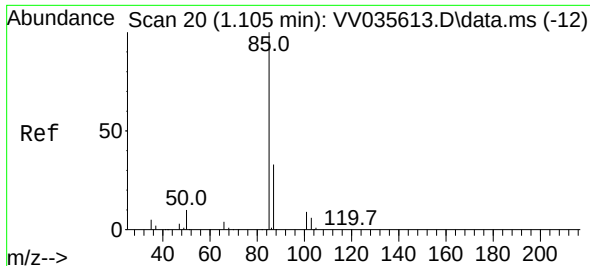
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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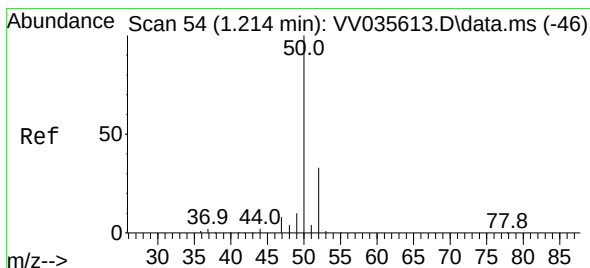
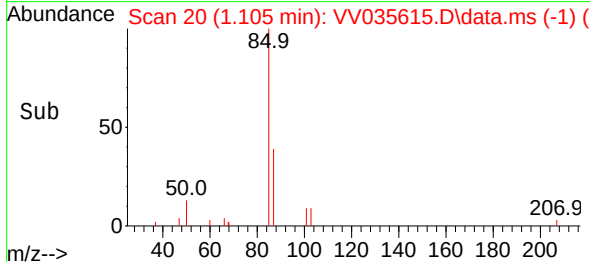
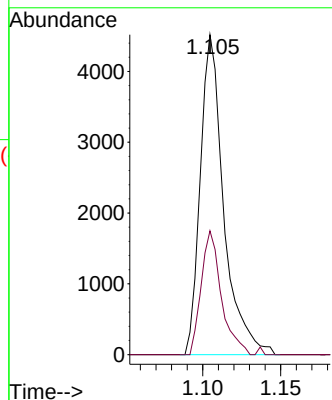
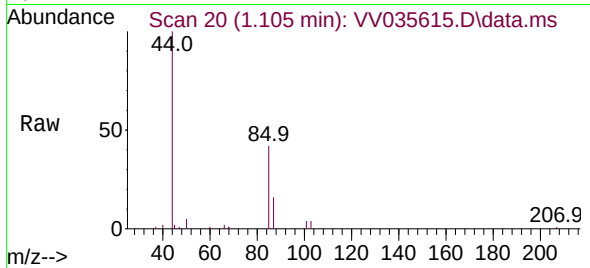




#2
 Dichlorodifluoromethane
 Concen: 0.261 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV035615.D
 Acq: 15 May 2024 10:16

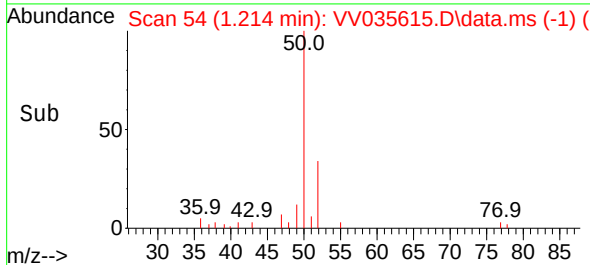
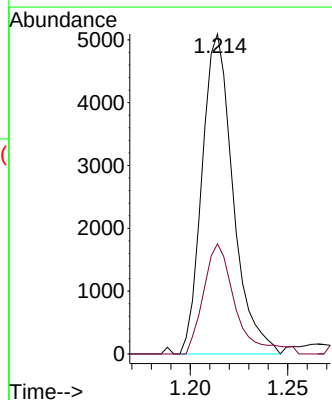
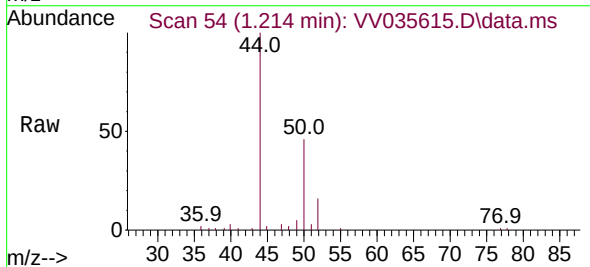
Instrument :
 MSVOA_V
 ClientSampleId :

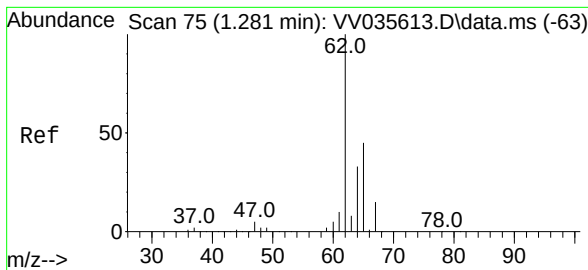
Tgt Ion: 85 Resp: 4708
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.4 39.6



#3
 Chloromethane
 Concen: 0.277 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035615.D
 Acq: 15 May 2024 10:16

Tgt Ion: 50 Resp: 5647
 Ion Ratio Lower Upper
 50 100
 52 34.4 23.7 43.9





#5

Vinyl chloride

Concen: 0.261 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Instrument :

MSVOA_V

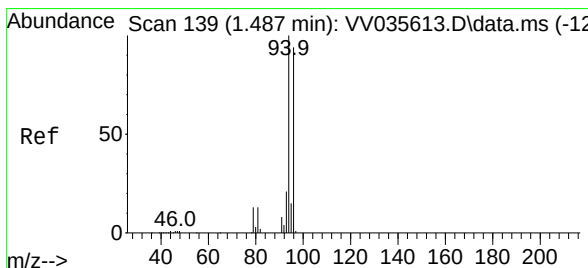
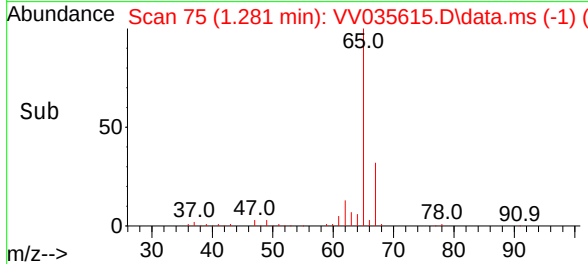
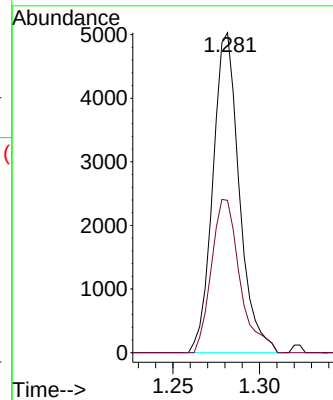
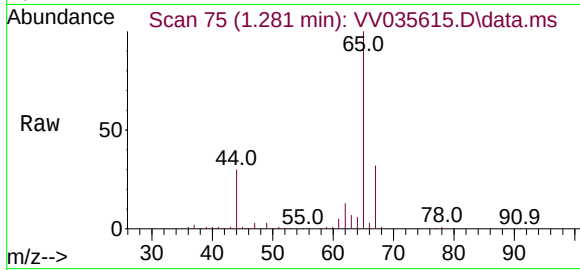
ClientSampleId :

Tgt Ion: 62 Resp: 5340

Ion Ratio Lower Upper

62 100

64 47.6 22.9 42.5#



#6

Bromomethane

Concen: 0.283 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV035615.D

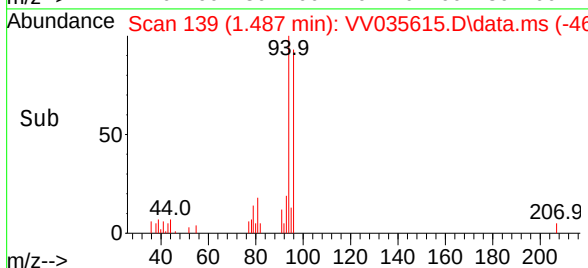
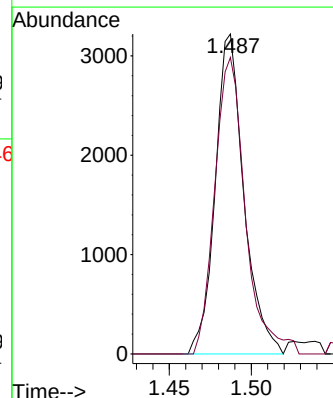
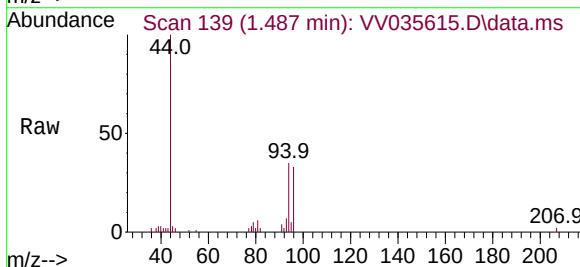
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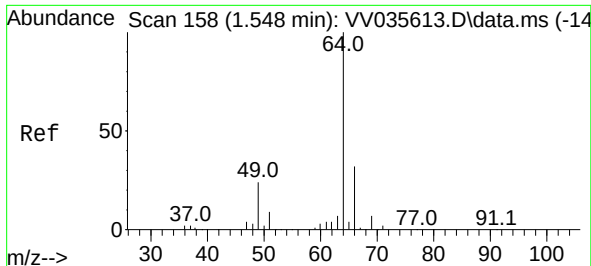
Tgt Ion: 94 Resp: 3912

Ion Ratio Lower Upper

94 100

96 92.7 66.4 123.4

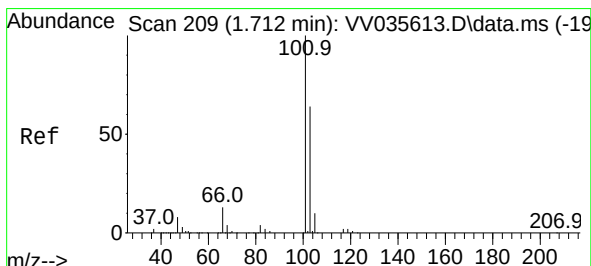
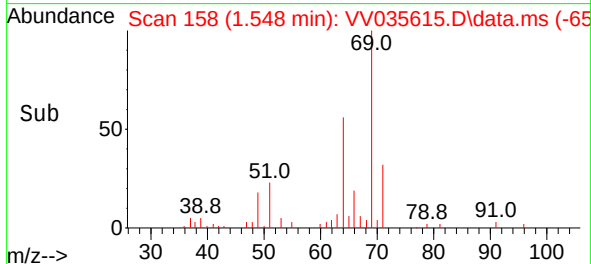
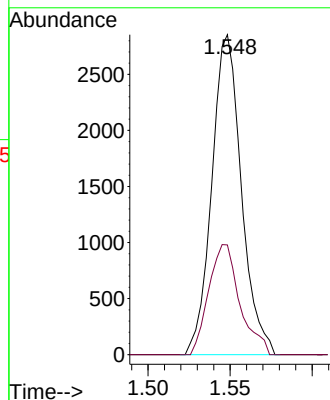
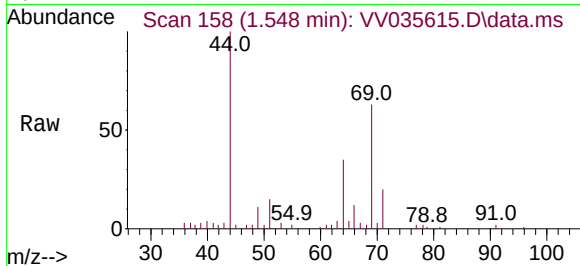




#8
Chloroethane
Concen: 0.270 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

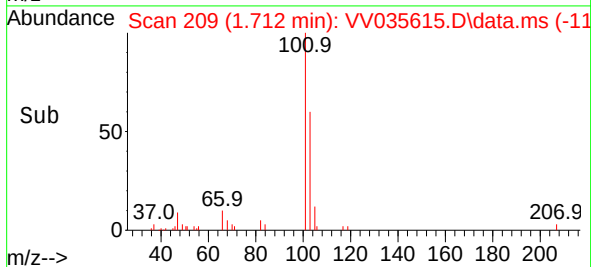
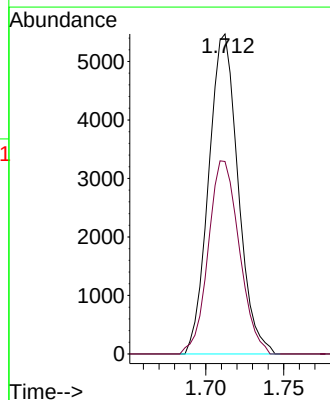
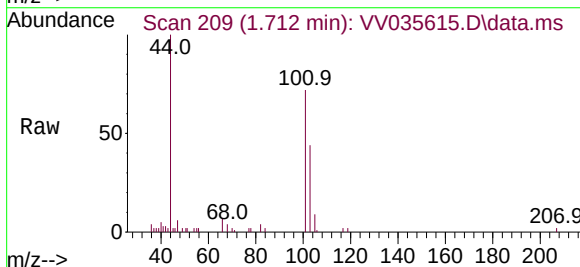
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MSVOA_V
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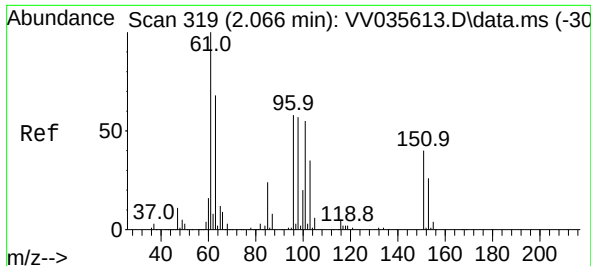
Tgt Ion: 64 Resp: 3571
Ion Ratio Lower Upper
64 100
66 34.3 22.3 41.3



#9
Trichlorofluoromethane
Concen: 0.272 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

Tgt Ion:101 Resp: 7178
Ion Ratio Lower Upper
101 100
103 63.6 52.8 79.2





#10

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

Concen: 0.330 ug/L

RT: 2.063 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV035615.D

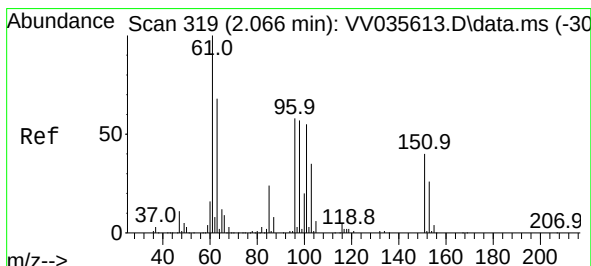
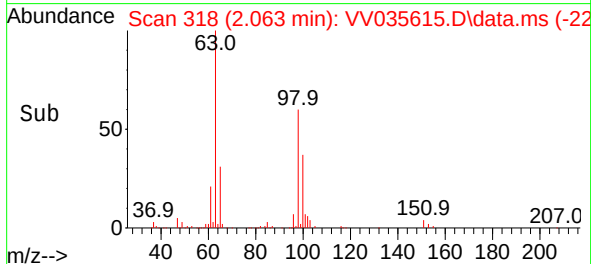
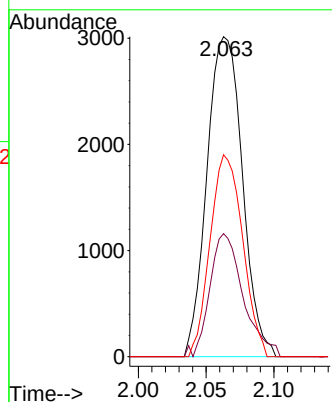
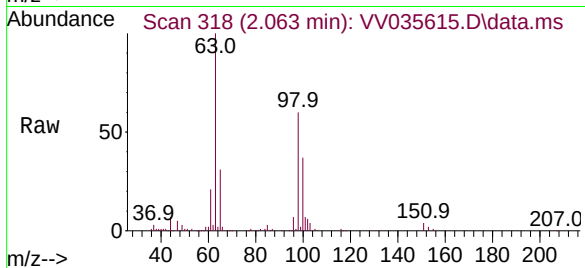
Acq: 15 May 2024 10:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	101	Resp:	5488
Ion	Ratio	Lower	Upper
101	100		
85	36.2	34.6	51.8
151	57.9	59.3	88.9#



#12

1,1-Dichloroethene

Concen: 0.331 ug/L

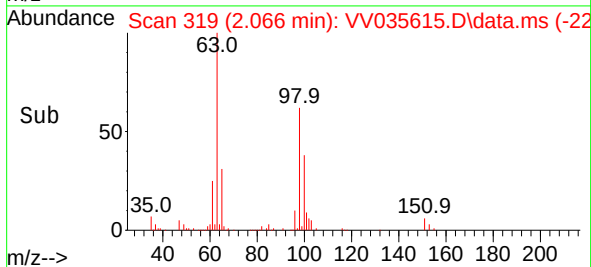
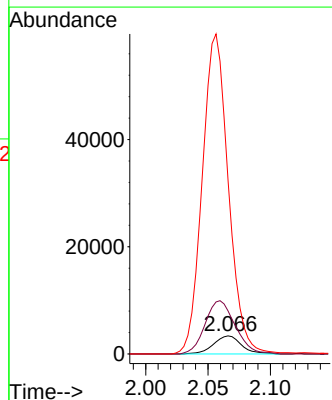
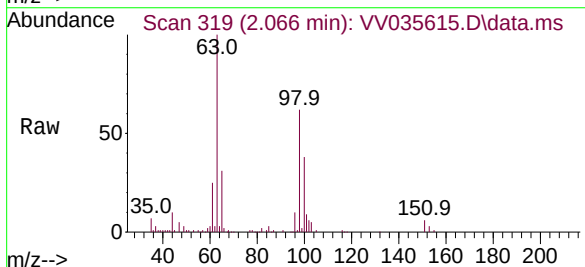
RT: 2.066 min Scan# 319

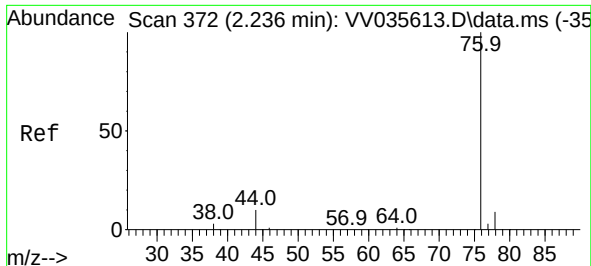
Delta R.T. 0.000 min

Lab File: VV035615.D

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Tgt Ion:	96	Resp:	5247
Ion	Ratio	Lower	Upper
96	100		
61	237.8	122.8	228.1#
63	961.0	85.1	158.1#

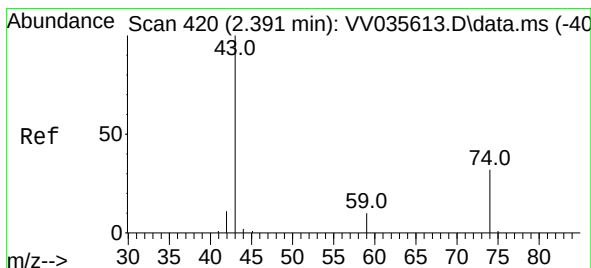
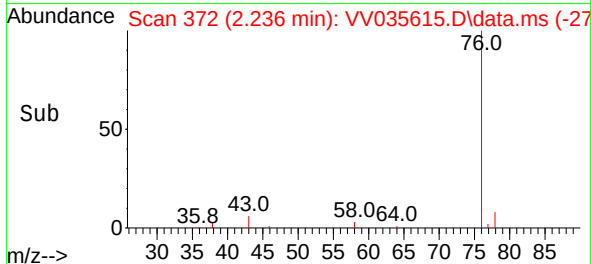
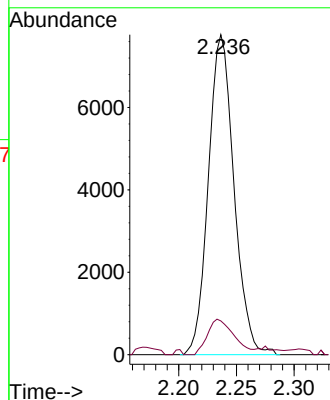
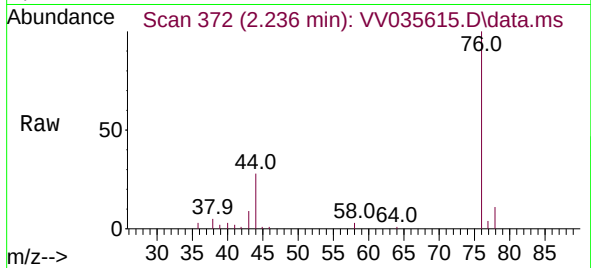




#14
Carbon disulfide
Concen: 0.271 ug/L
RT: 2.236 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

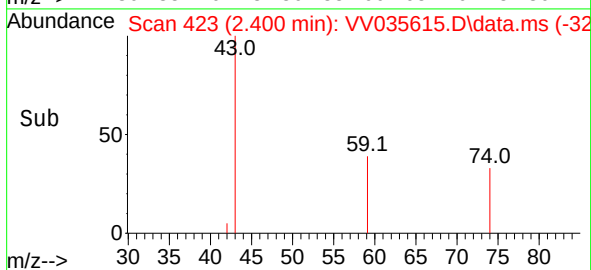
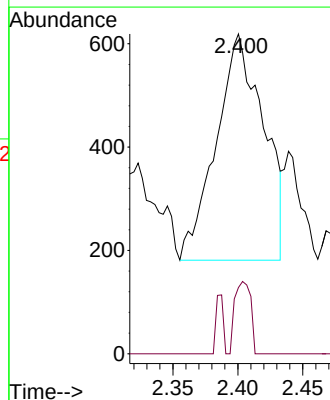
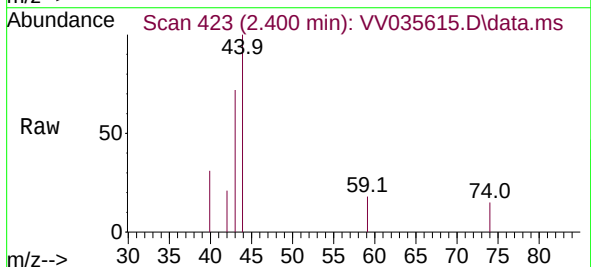
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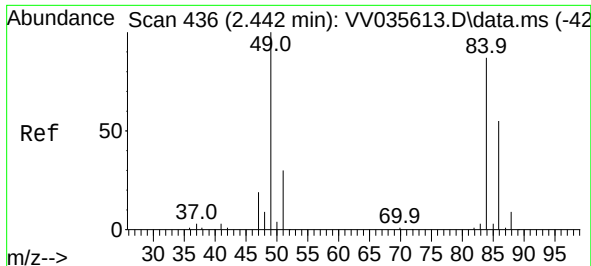
Tgt Ion: 76 Resp: 11980
Ion Ratio Lower Upper
76 100
78 10.5 7.3 10.9



#15
Methyl Acetate
Concen: 0.183 ug/L
RT: 2.400 min Scan# 423
Delta R.T. 0.010 min
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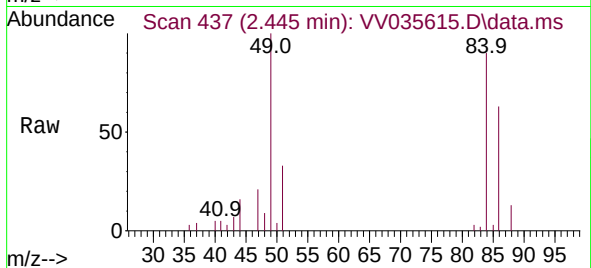
Tgt Ion: 43 Resp: 1112
Ion Ratio Lower Upper
43 100
74 10.7 23.2 34.8#



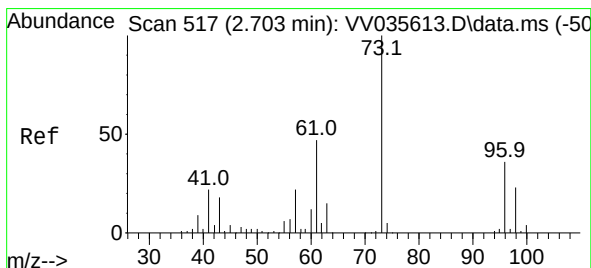
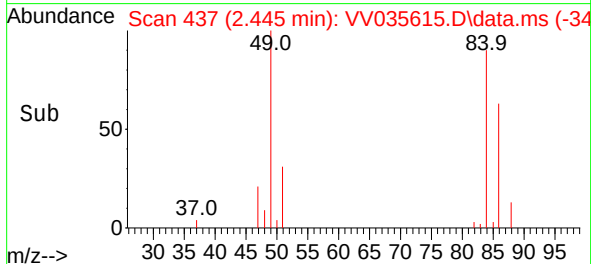
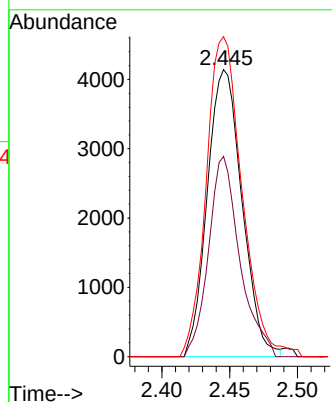


#16
Methylene chloride
Concen: 0.330 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

Instrument :
MSVOA_V
ClientSampleId :

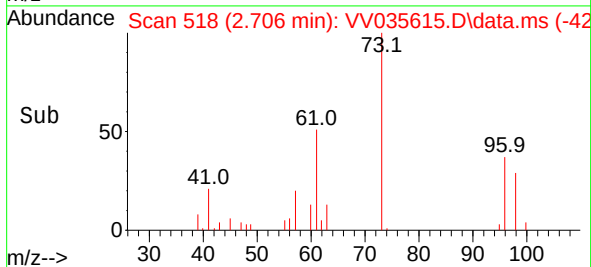
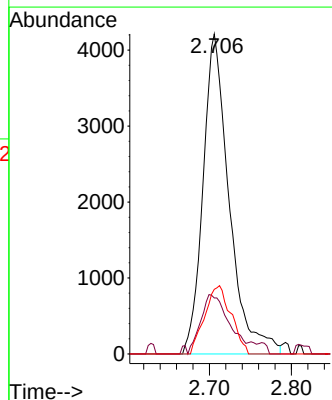
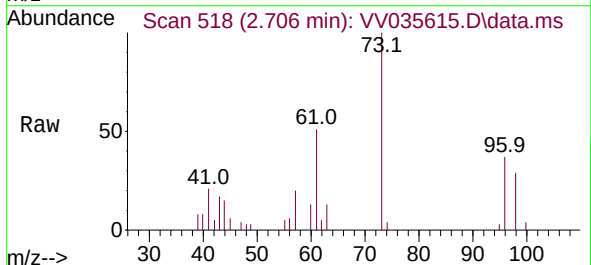


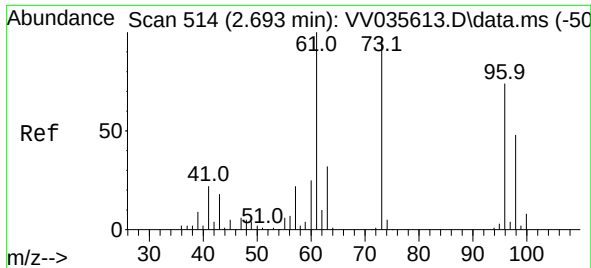
Tgt Ion: 84 Resp: 7370
Ion Ratio Lower Upper
84 100
86 69.8 44.9 83.5
49 111.5 75.8 140.8



#17
Methyl tert-butyl Ether
Concen: 0.255 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

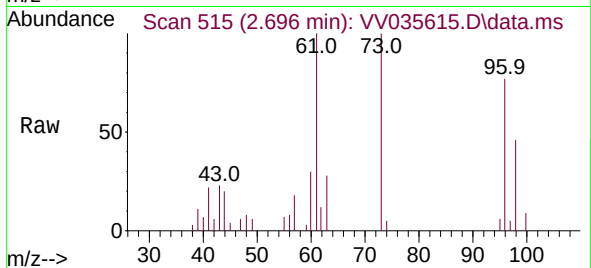
Tgt Ion: 73 Resp: 9335
Ion Ratio Lower Upper
73 100
43 20.2 13.8 20.8
57 21.4 17.7 26.5





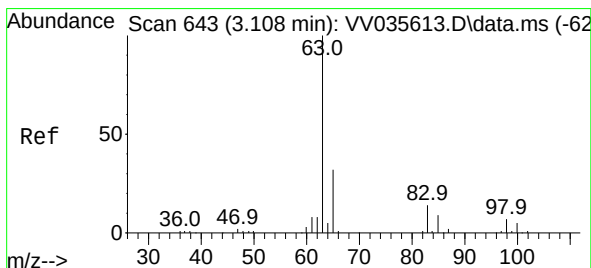
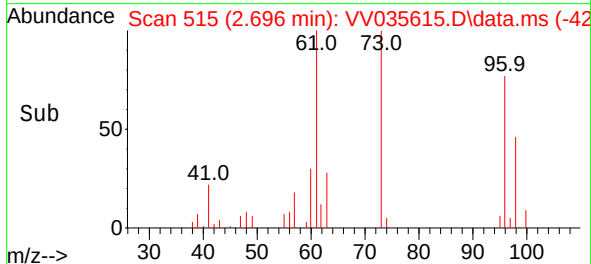
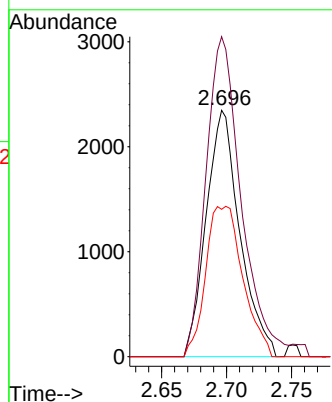
#18
trans-1,2-Dichloroethene
Concen: 0.257 ug/L
RT: 2.696 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 4239

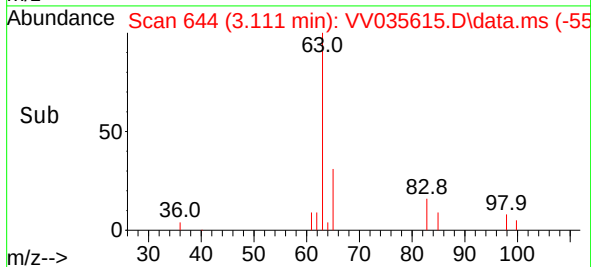
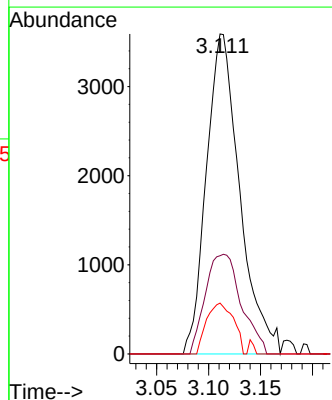
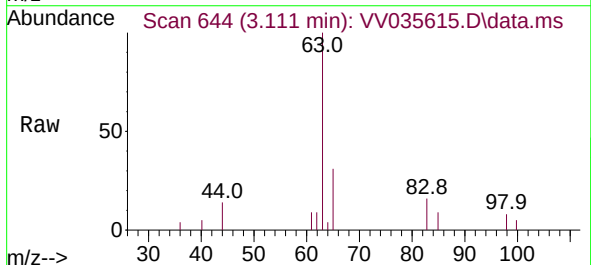
Ion	Ratio	Lower	Upper
96	100		
61	129.9	91.1	169.3
98	59.8	44.7	83.1

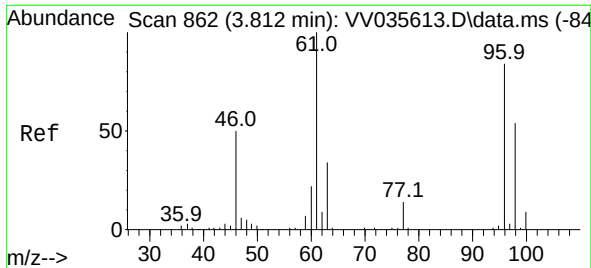


#19
1,1-Dichloroethane
Concen: 0.244 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

Tgt Ion: 63 Resp: 8017

Ion	Ratio	Lower	Upper
63	100		
65	30.7	22.5	41.9
83	15.9	9.2	17.0

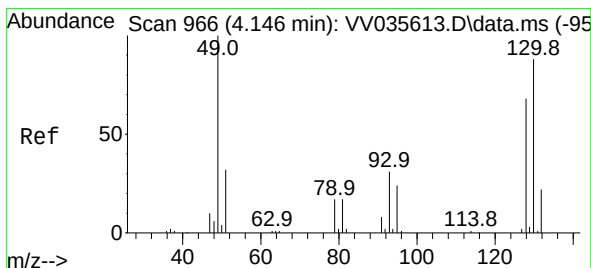
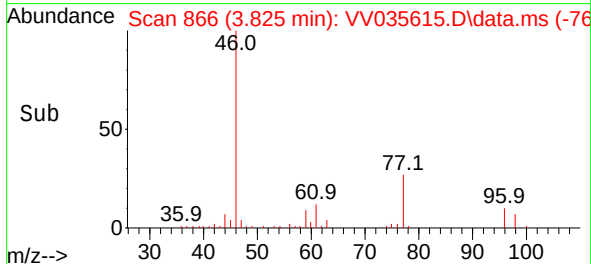
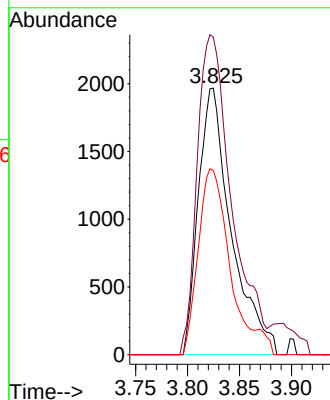
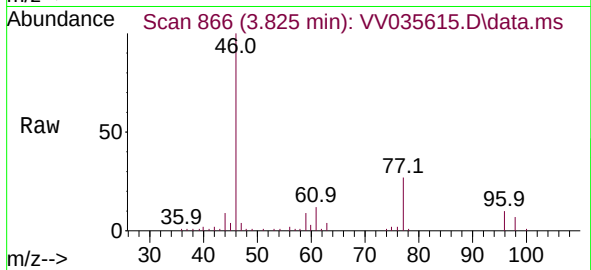




#22
cis-1,2-Dichloroethene
Concen: 0.250 ug/L
RT: 3.825 min Scan# 80
Delta R.T. 0.013 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

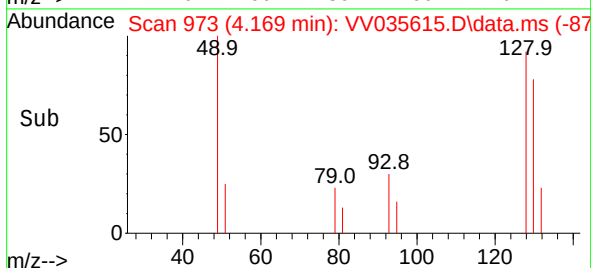
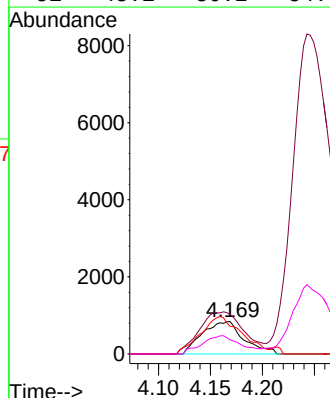
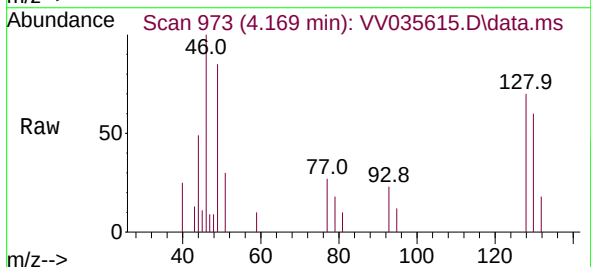
Instrument :
MSVOA_V
ClientSampleId :

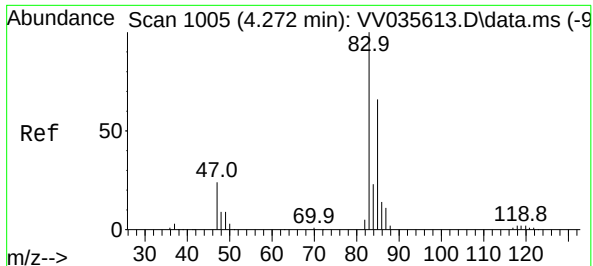
Tgt Ion: 96 Resp: 4331
Ion Ratio Lower Upper
96 100
61 119.1 84.3 156.5
98 69.2 45.6 84.6



#23
Bromochloromethane
Concen: 0.276 ug/L
RT: 4.169 min Scan# 973
Delta R.T. 0.023 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

Tgt Ion:128 Resp: 2328
Ion Ratio Lower Upper
128 100
49 121.2 98.6 183.0
130 85.3 87.6 162.8#
51 43.1 36.2 54.4





#25

Chloroform

Concen: 0.342 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Instrument :

MSVOA_V

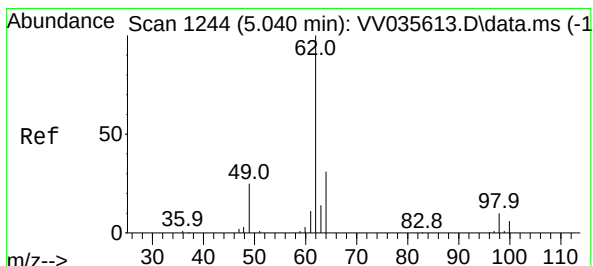
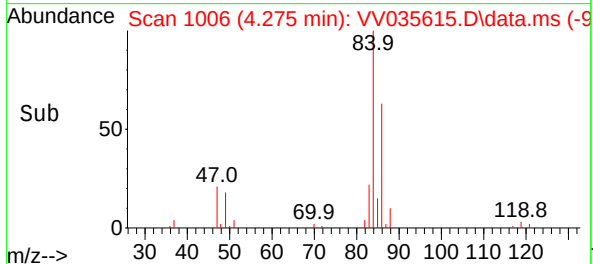
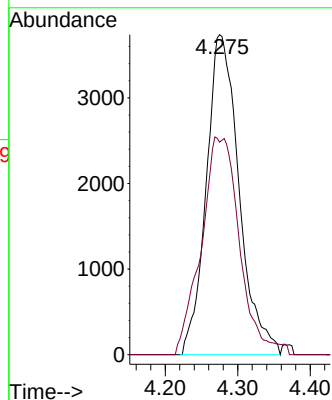
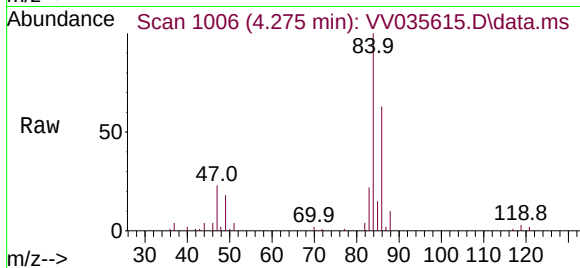
ClientSampleId :

Tgt Ion: 83 Resp: 11724

Ion Ratio Lower Upper

83 100

85 66.4 45.9 85.3



#27

1,2-Dichloroethane

Concen: 0.275 ug/L

RT: 5.063 min Scan# 1251

Delta R.T. 0.023 min

Lab File: VV035615.D

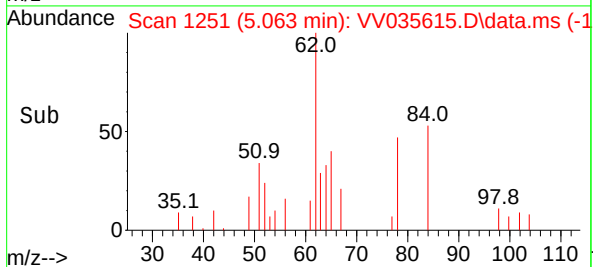
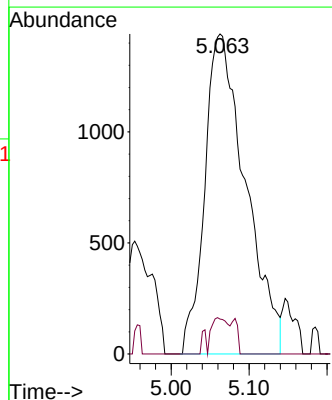
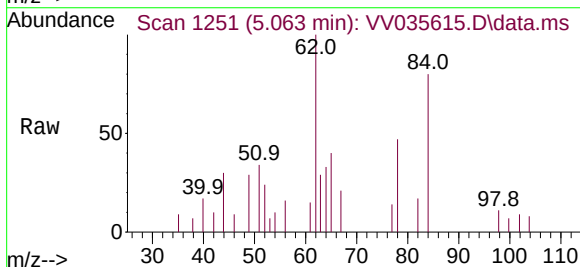
Acq: 15 May 2024 10:16

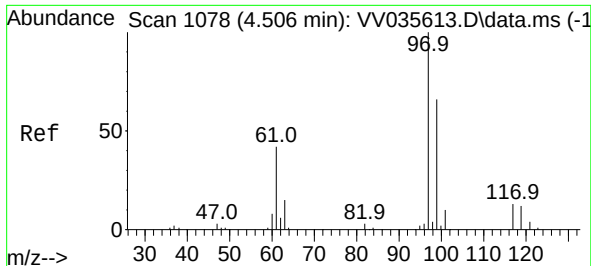
Tgt Ion: 62 Resp: 5230

Ion Ratio Lower Upper

62 100

98 10.9 8.2 12.4

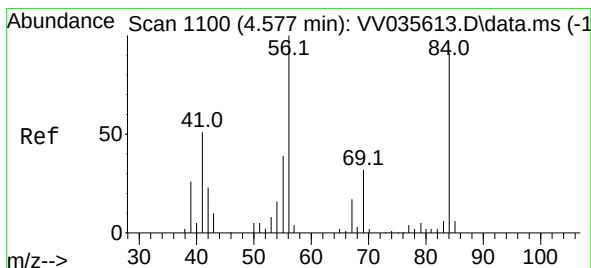
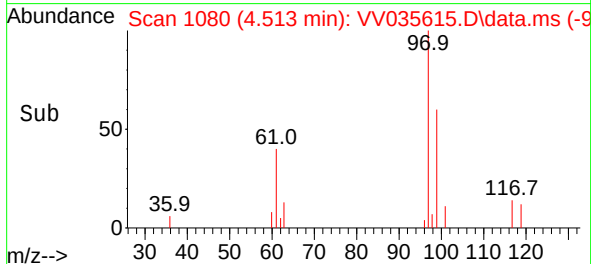
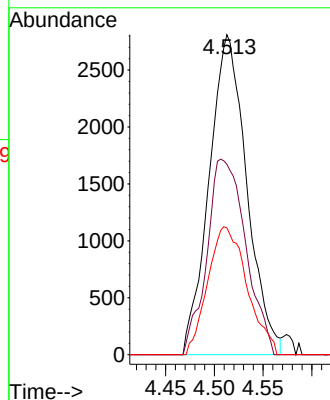
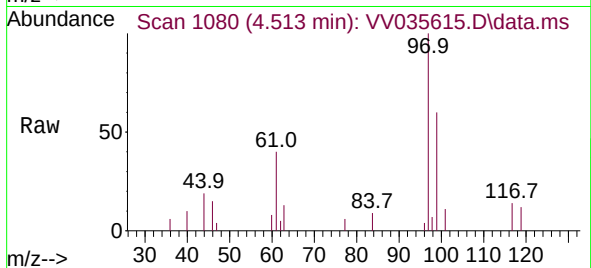




#29
1,1,1-Trichloroethane
Concen: 0.259 ug/L
RT: 4.513 min Scan# 1098
Delta R.T. 0.006 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

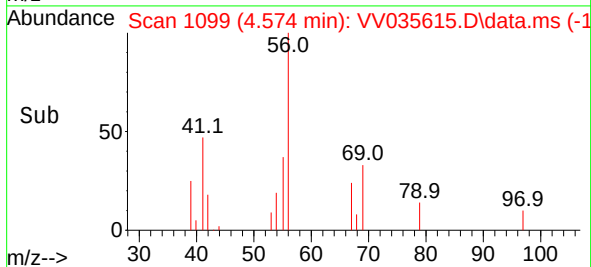
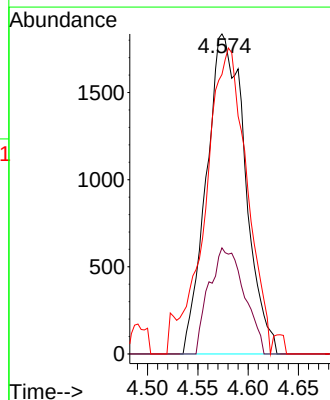
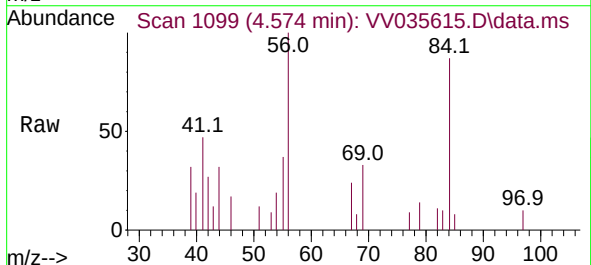
Instrument :
MSVOA_V
ClientSampleId :

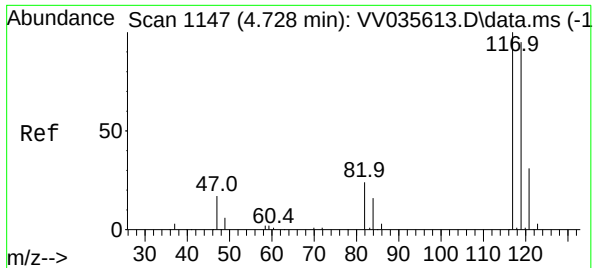
Tgt Ion: 97 Resp: 7543
Ion Ratio Lower Upper
97 100
99 63.2 52.4 78.6
61 41.8 33.9 50.9



#30
Cyclohexane
Concen: 0.233 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. -0.003 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

Tgt Ion: 56 Resp: 4903
Ion Ratio Lower Upper
56 100
69 30.1 26.4 39.6
84 100.4 75.0 112.6

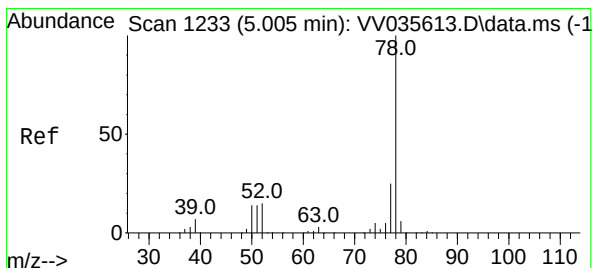
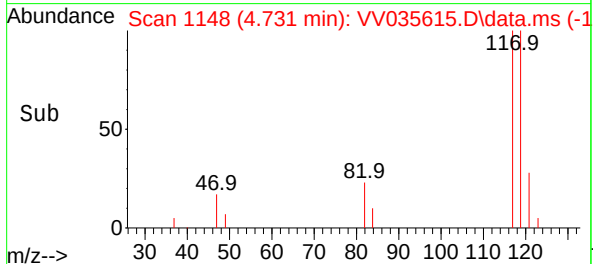
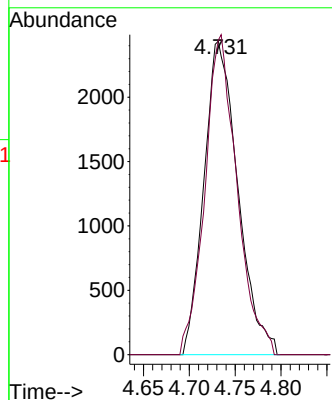
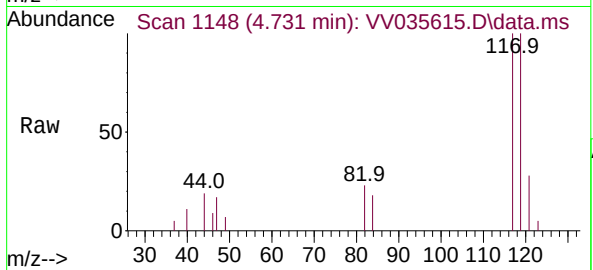




#31
Carbon tetrachloride
Concen: 0.248 ug/L
RT: 4.731 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

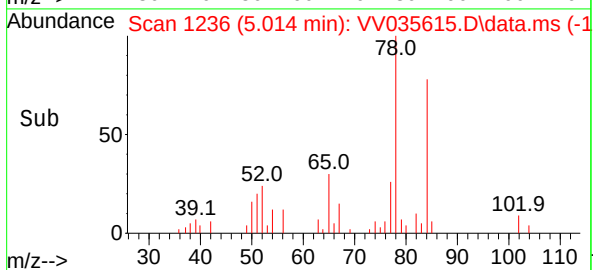
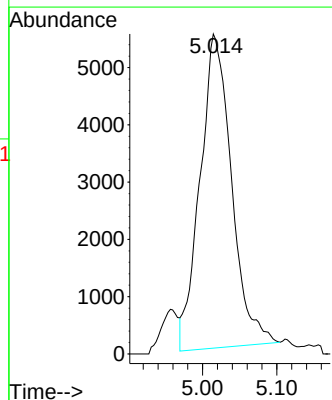
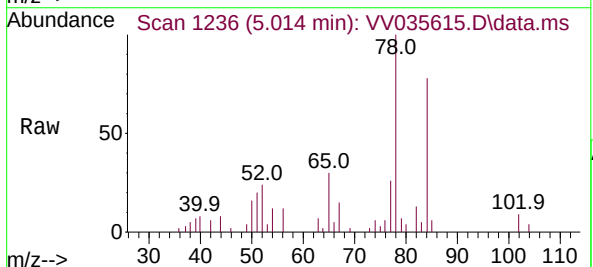
Instrument :
MSVOA_V
ClientSampleId :

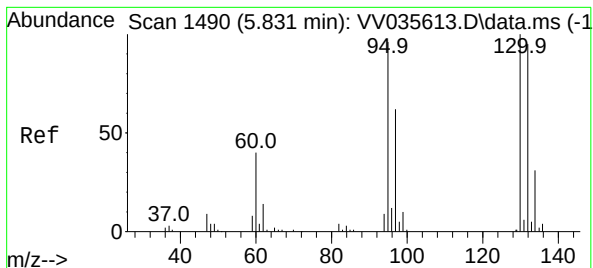
Tgt Ion:117 Resp: 6281
Ion Ratio Lower Upper
117 100
119 96.2 77.2 115.8



#33
Benzene
Concen: 0.244 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. 0.010 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

Tgt Ion: 78 Resp: 16140





#34

Trichloroethene

Concen: 0.288 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.016 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 5471

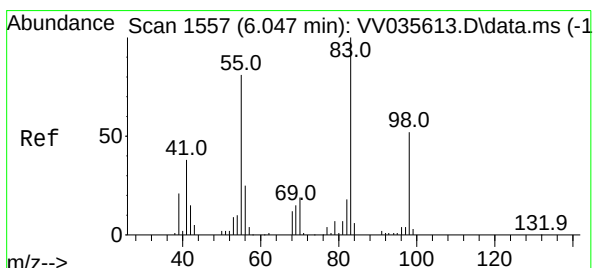
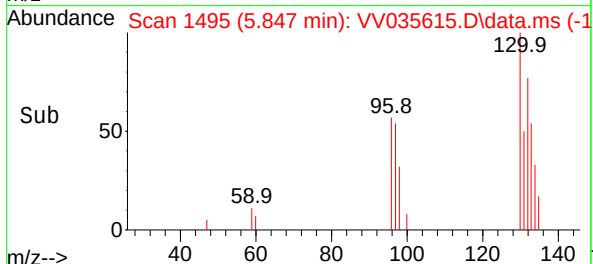
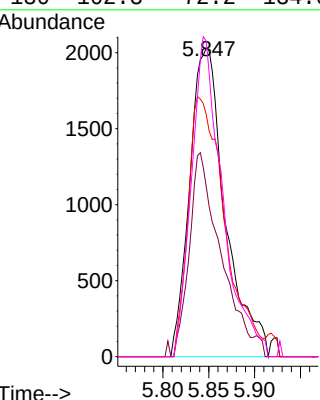
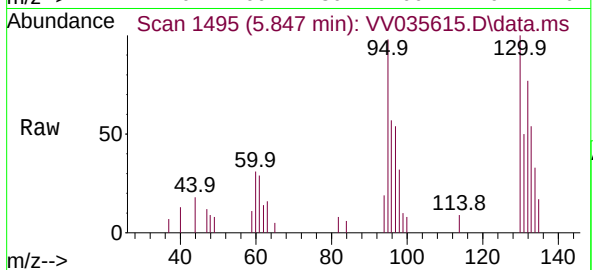
Ion Ratio Lower Upper

95 100

97 55.1 45.2 84.0

132 78.4 68.7 127.7

130 102.3 72.2 134.0



#35

Methylcyclohexane

Concen: 0.229 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

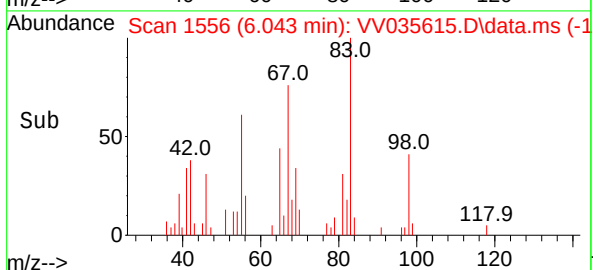
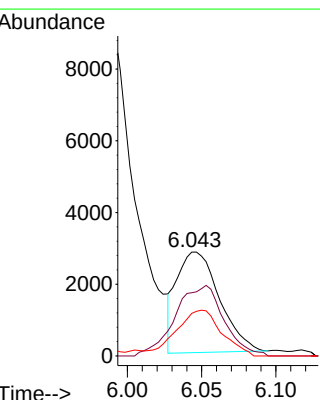
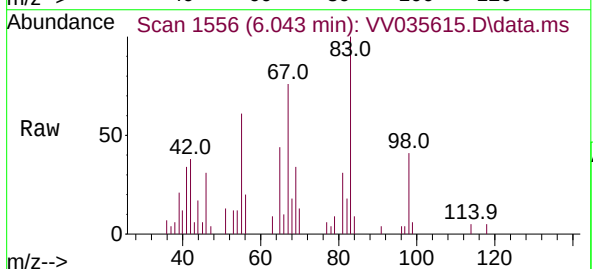
Tgt Ion: 83 Resp: 5628

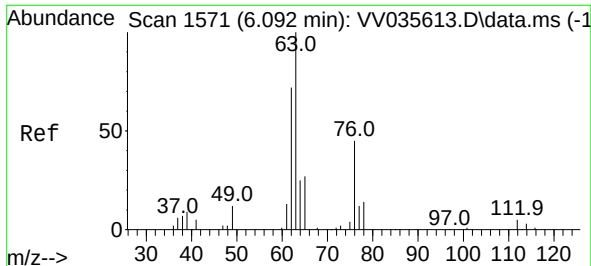
Ion Ratio Lower Upper

83 100

55 79.6 60.7 91.1

98 48.3 38.4 57.6





#37

1,2-Dichloropropane

Concen: 0.281 ug/L

RT: 6.104 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Instrument :

MSVOA_V

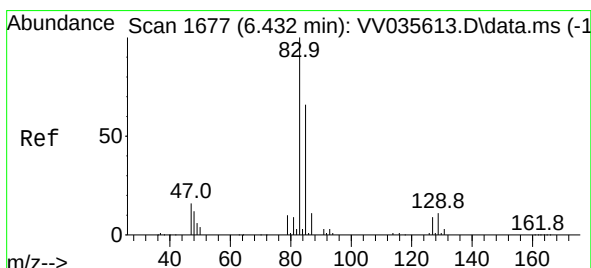
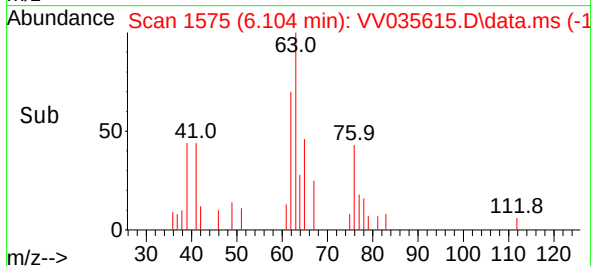
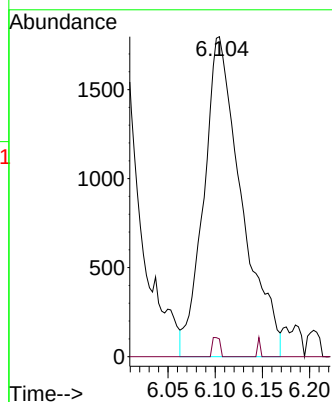
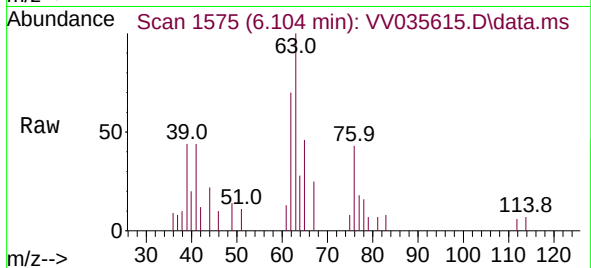
ClientSampleId :

Tgt Ion: 63 Resp: 4990

Ion Ratio Lower Upper

63 100

112 1.2 3.9 5.9#



#38

Bromodichloromethane

Concen: 0.274 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.010 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

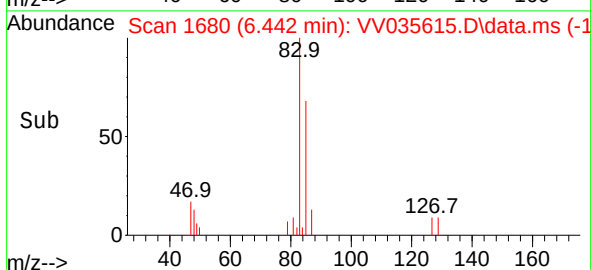
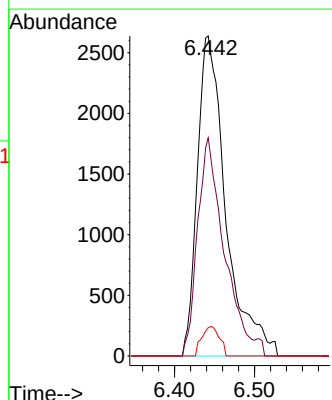
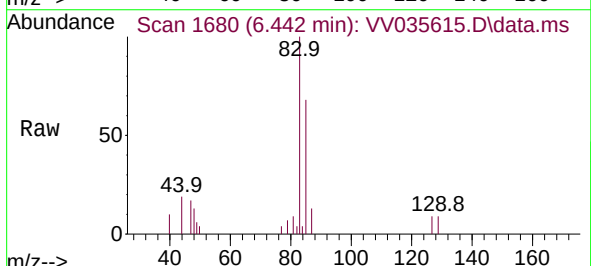
Tgt Ion: 83 Resp: 6554

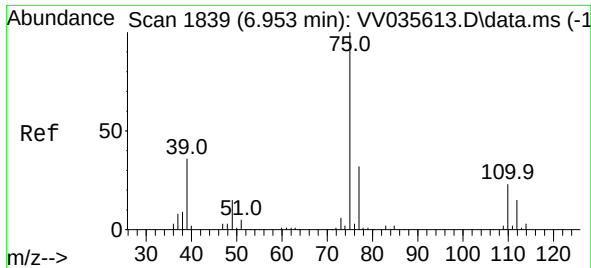
Ion Ratio Lower Upper

83 100

85 68.2 44.6 82.8

127 8.8 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 0.239 ug/L

RT: 6.973 min Scan# 11

Delta R.T. 0.019 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Instrument :

MSVOA_V

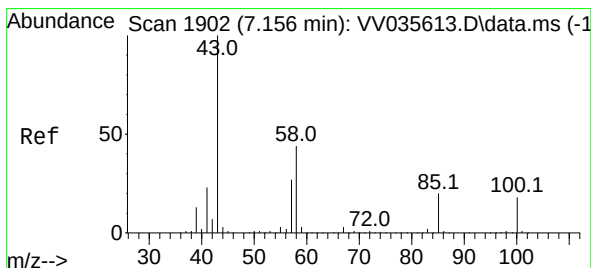
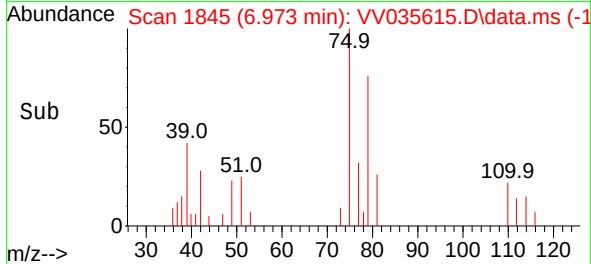
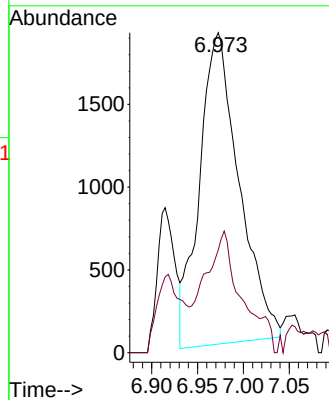
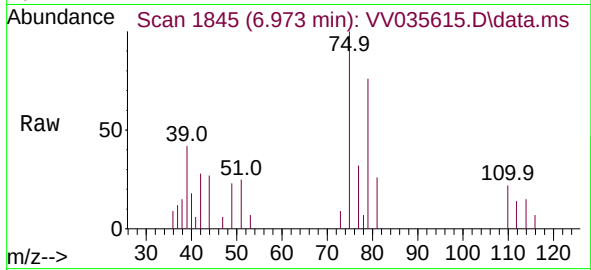
ClientSampleId :

Tgt Ion: 75 Resp: 5666

Ion Ratio Lower Upper

75 100

77 32.1 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 1.781 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. 0.016 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

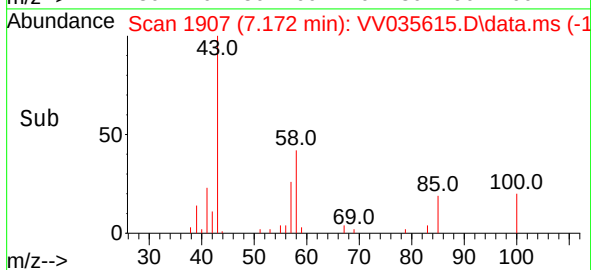
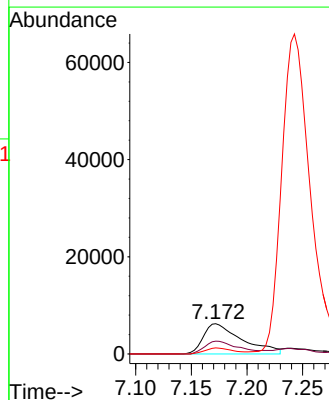
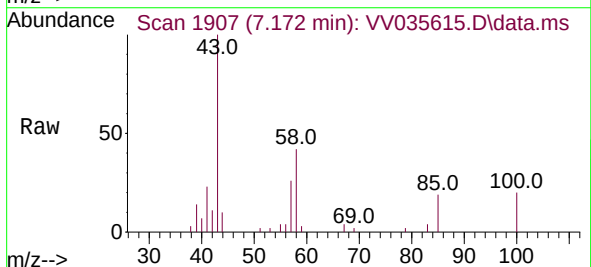
Tgt Ion: 43 Resp: 15020

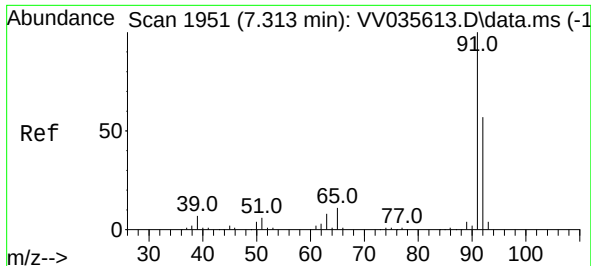
Ion Ratio Lower Upper

43 100

58 36.2 35.8 53.6

100 0.0 14.1 21.1#





#42

Toluene

Concen: 0.233 ug/L

RT: 7.323 min Scan# 1951

Delta R.T. 0.010 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Instrument :

MSVOA_V

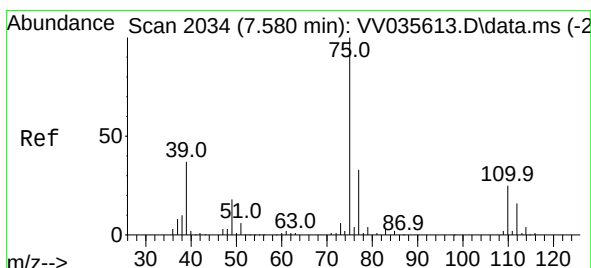
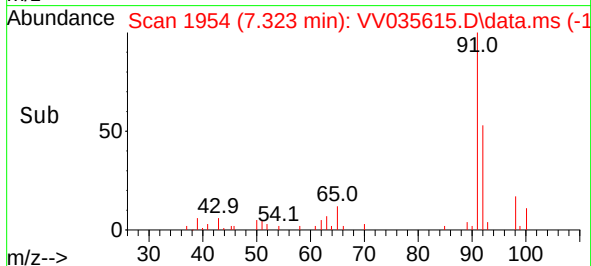
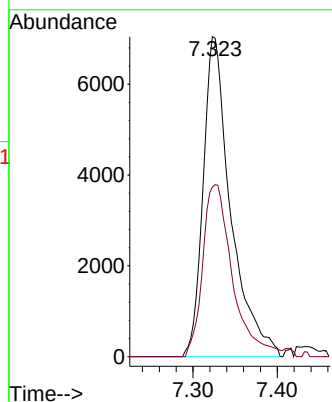
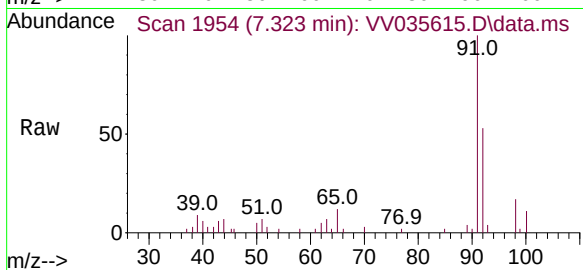
ClientSampleId :

Tgt Ion: 91 Resp: 16048

Ion Ratio Lower Upper

91 100

92 52.9 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.286 ug/L

RT: 7.603 min Scan# 2041

Delta R.T. 0.023 min

Lab File: VV035615.D

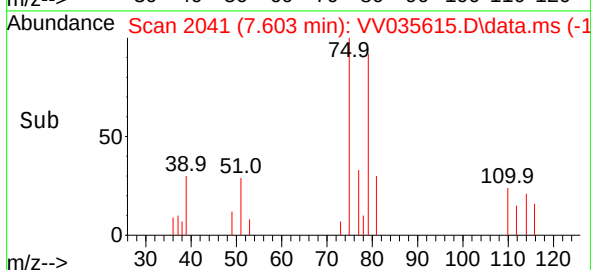
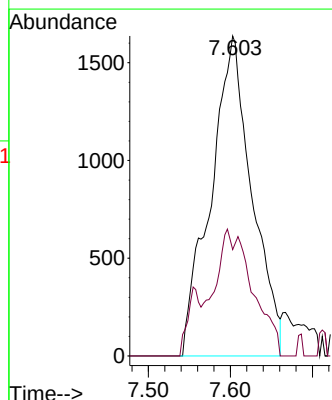
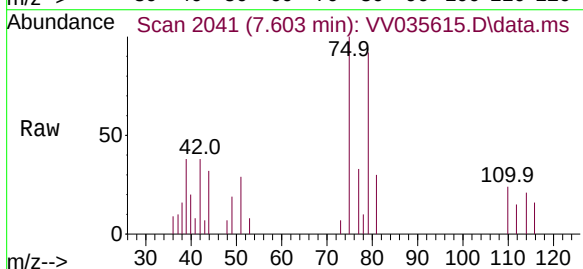
Acq: 15 May 2024 10:16

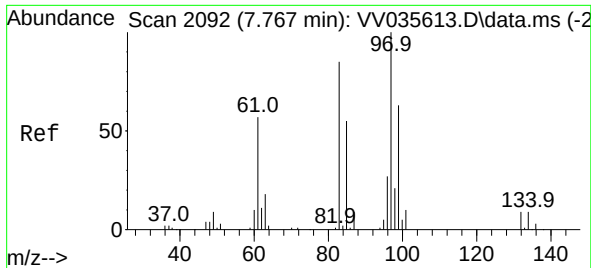
Tgt Ion: 75 Resp: 5722

Ion Ratio Lower Upper

75 100

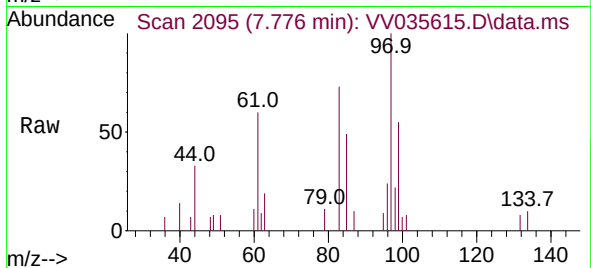
77 33.2 22.4 41.6



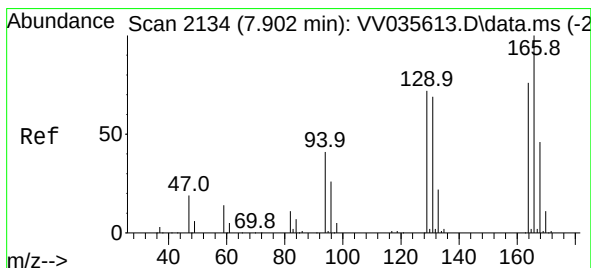
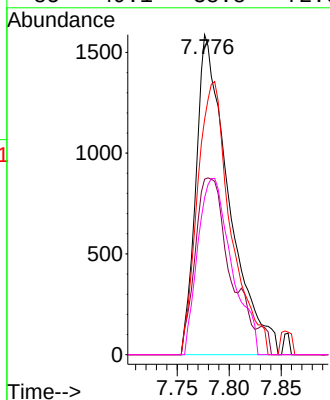
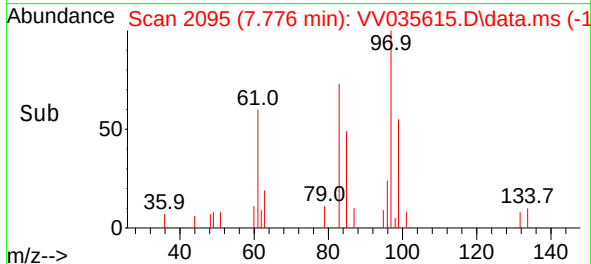


#45
1,1,2-Trichloroethane
Concen: 0.252 ug/L
RT: 7.776 min Scan# 2092
Delta R.T. 0.010 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

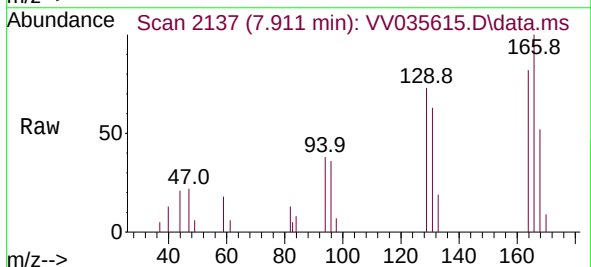
Instrument :
MSVOA_V
ClientSampleId :



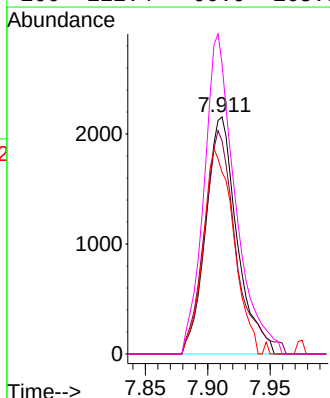
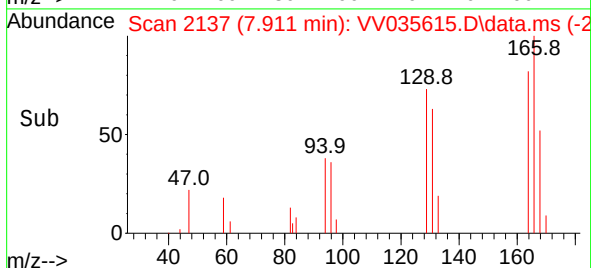
Tgt Ion:	97	Resp:	3503
Ion	Ratio	Lower	Upper
97	100		
99	54.8	46.1	85.5
83	73.5	59.0	109.6
85	49.1	38.8	72.0

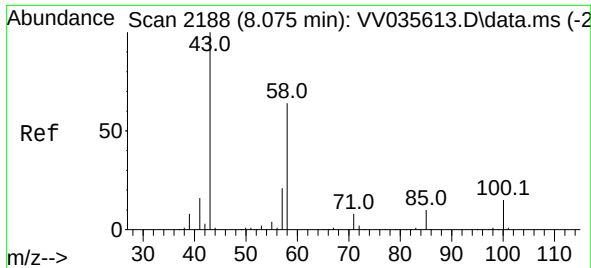


#47
Tetrachloroethene
Concen: 0.251 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.010 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16



Tgt Ion:	164	Resp:	3762
Ion	Ratio	Lower	Upper
164	100		
129	89.8	64.9	120.5
131	76.7	61.8	114.8
166	122.4	90.9	168.9

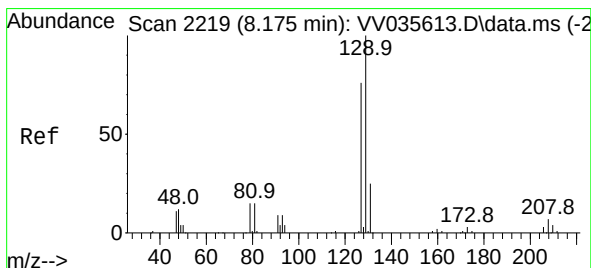
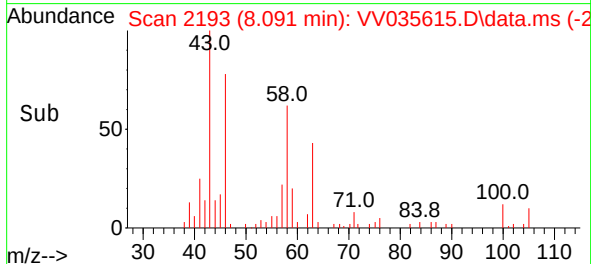
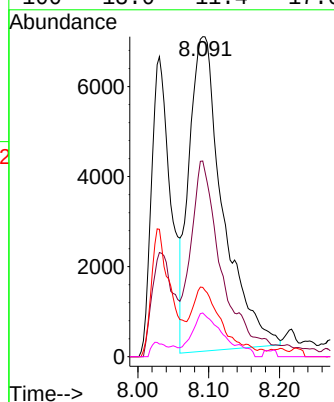
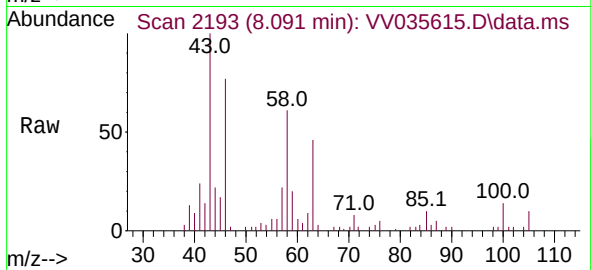




#48
2-Hexanone
Concen: 3.739 ug/L
RT: 8.091 min Scan# 2188
Delta R.T. 0.016 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

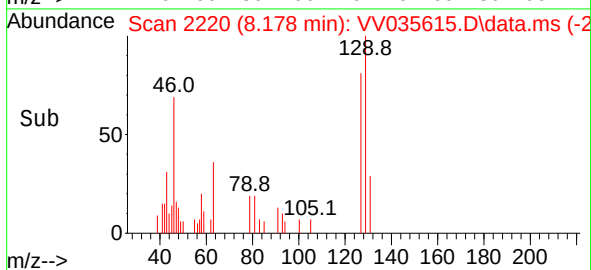
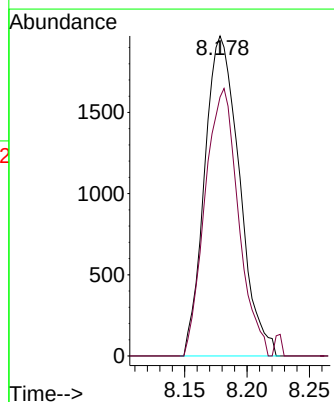
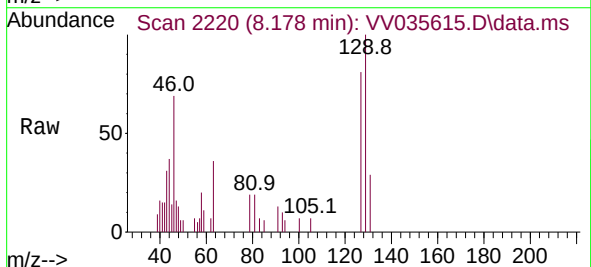
Instrument :
MSVOA_V
ClientSampleId :

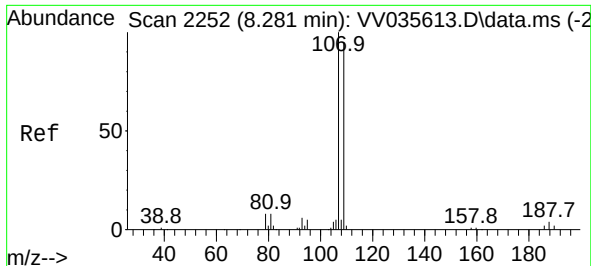
Tgt Ion: 43	Resp: 23193
Ion Ratio	Lower Upper
43	100
58	52.9 49.1 73.7
57	14.6 16.8 25.2#
100	13.0 11.4 17.0



#49
Dibromochloromethane
Concen: 0.249 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

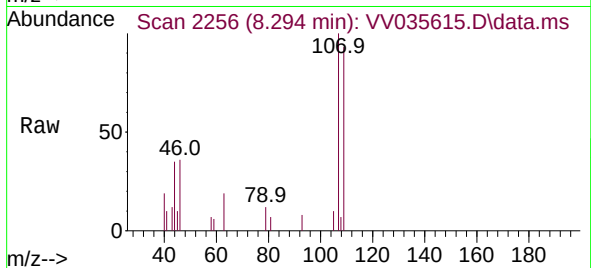
Tgt Ion: 129	Resp: 3830
Ion Ratio	Lower Upper
129	100
127	80.9 54.3 100.8



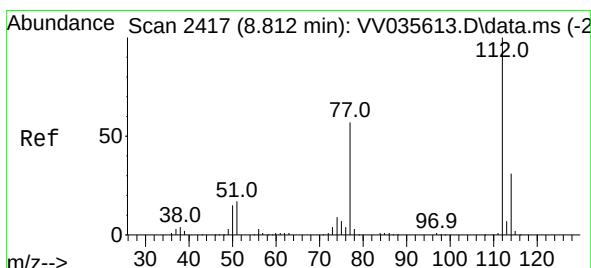
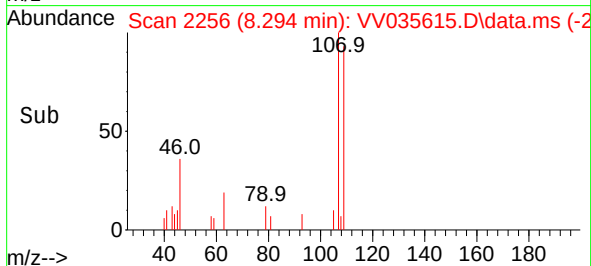
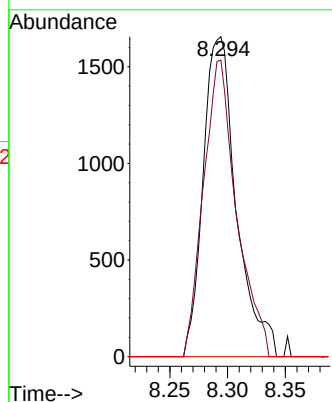


#50
1,2-Dibromoethane
Concen: 0.257 ug/L
RT: 8.294 min Scan# 2419
Delta R.T. 0.013 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

Instrument :
MSVOA_V
ClientSampleId :

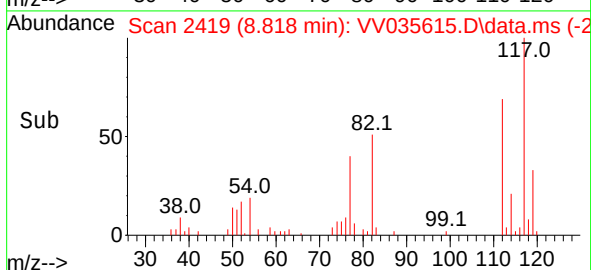
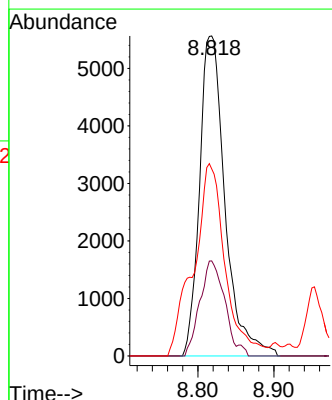
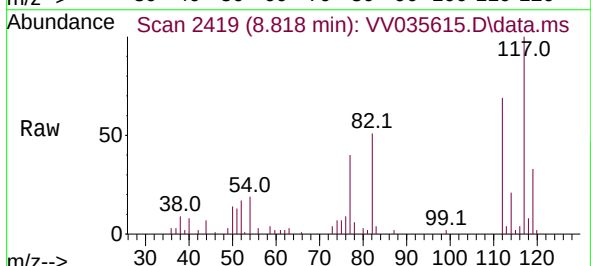


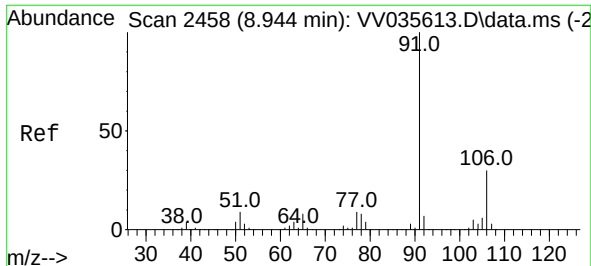
Tgt Ion:107 Resp: 3317
Ion Ratio Lower Upper
107 100
109 92.7 65.2 121.0
188 0.0 3.1 4.7#



#51
Chlorobenzene
Concen: 0.271 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.006 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

Tgt Ion:112 Resp: 12972
Ion Ratio Lower Upper
112 100
114 29.7 22.2 41.2
77 58.5 45.6 68.4





#52

Ethylbenzene

Concen: 0.231 ug/L

RT: 8.953 min Scan# 2458

Delta R.T. 0.010 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Instrument :

MSVOA_V

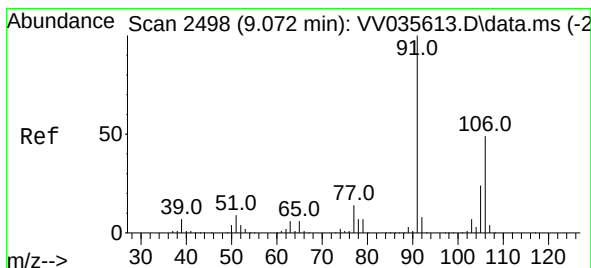
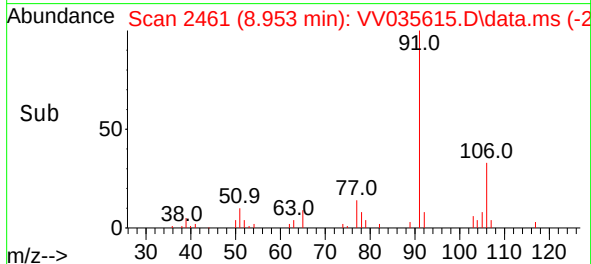
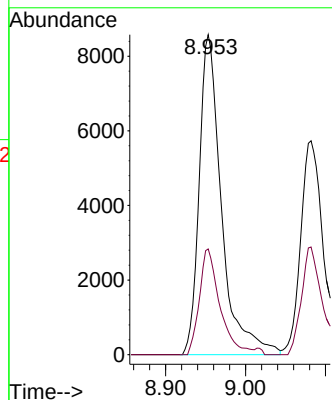
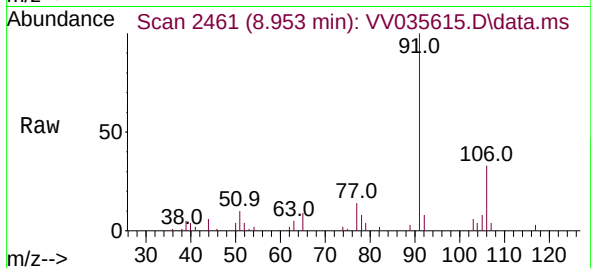
ClientSampleId :

Tgt Ion: 91 Resp: 16671

Ion Ratio Lower Upper

91 100

106 33.0 21.5 39.9



#53

m,p-Xylene

Concen: 0.202 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.010 min

Lab File: VV035615.D

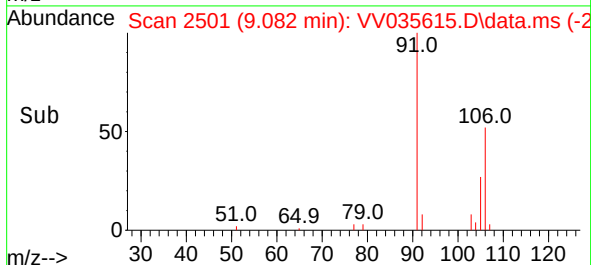
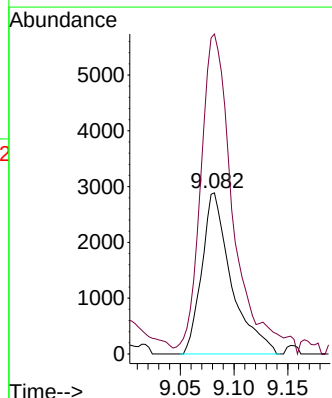
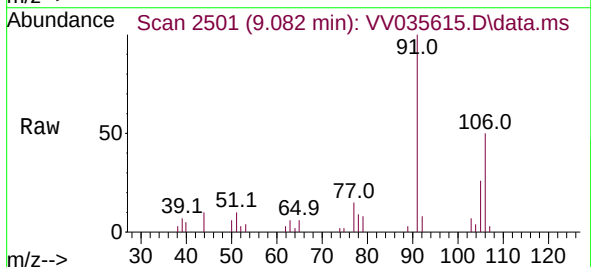
Acq: 15 May 2024 10:16

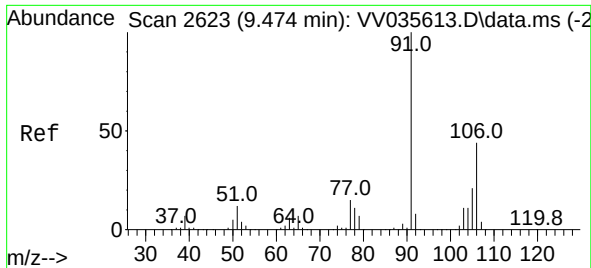
Tgt Ion: 106 Resp: 5531

Ion Ratio Lower Upper

106 100

91 198.6 141.3 262.3

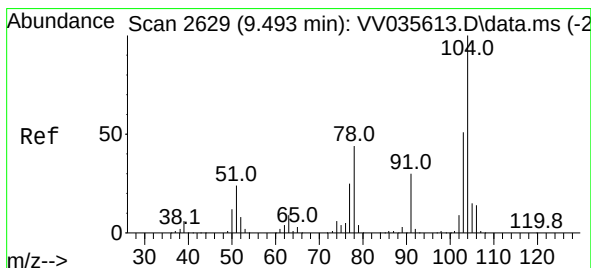
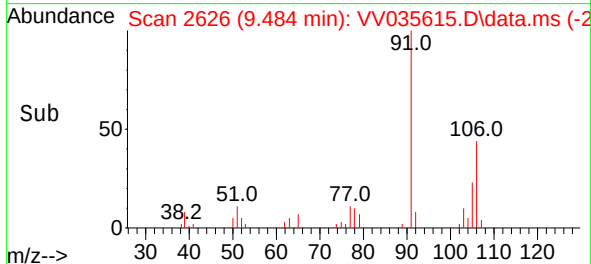
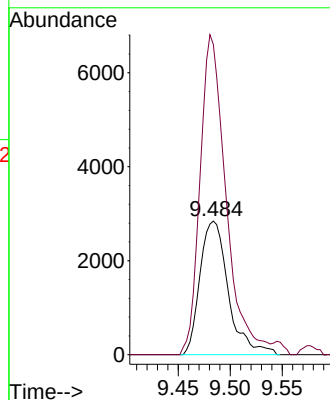
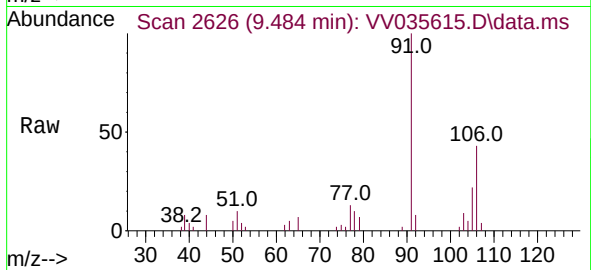




#54
o-Xylene
Concen: 0.208 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.010 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

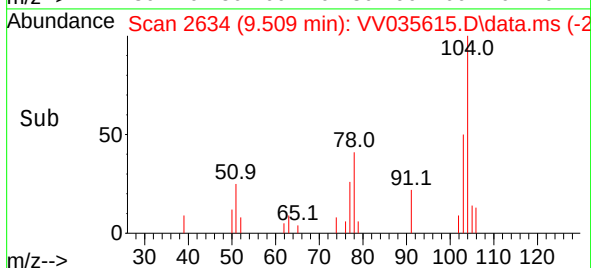
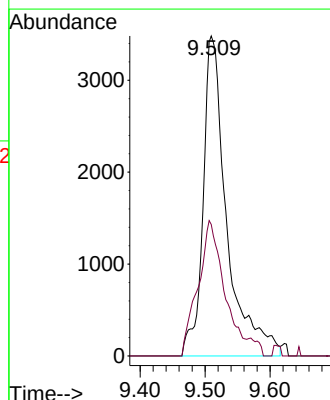
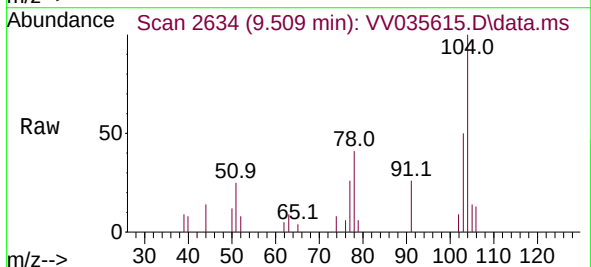
Instrument :
MSVOA_V
ClientSampleId :

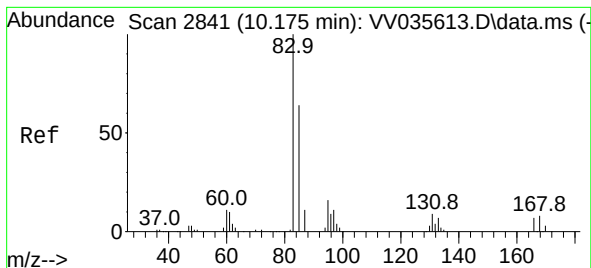
Tgt Ion:106 Resp: 5411
Ion Ratio Lower Upper
106 100
91 232.2 148.6 276.0



#55
Styrene
Concen: 0.196 ug/L
RT: 9.509 min Scan# 2634
Delta R.T. 0.016 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

Tgt Ion:104 Resp: 8861
Ion Ratio Lower Upper
104 100
78 41.1 30.6 56.8





#57

1,1,2,2-Tetrachloroethane

Concen: 0.255 ug/L

RT: 10.178 min Scan# 2841

Delta R.T. 0.003 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Instrument :

MSVOA_V

ClientSampleId :

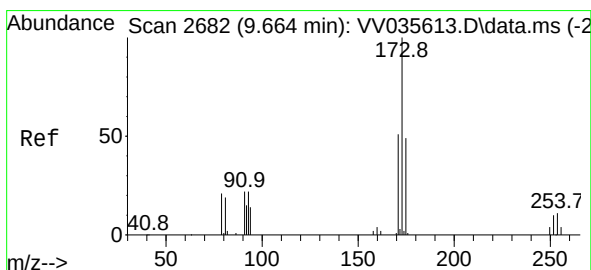
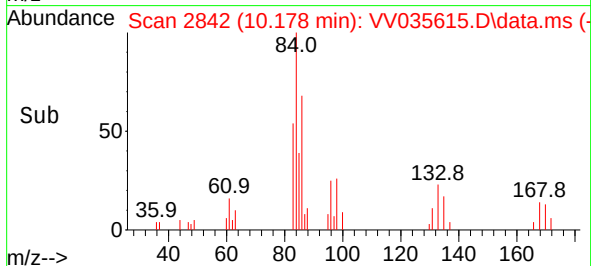
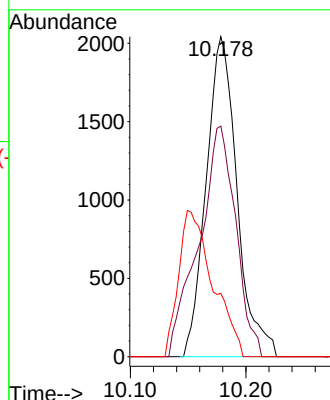
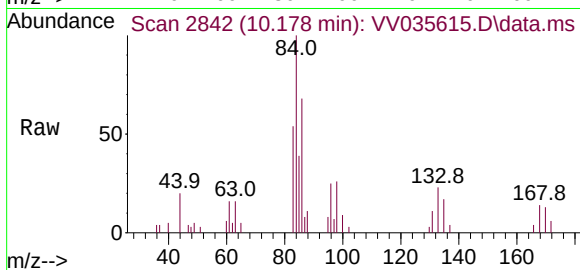
Tgt Ion: 83 Resp: 3789

Ion Ratio Lower Upper

83 100

85 72.0 46.1 85.7

131 19.8 8.2 12.2#



#59

Bromoform

Concen: 0.266 ug/L

RT: 9.677 min Scan# 2686

Delta R.T. 0.013 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

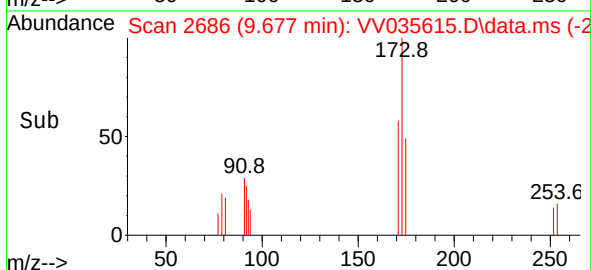
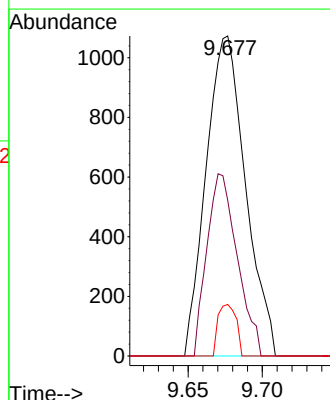
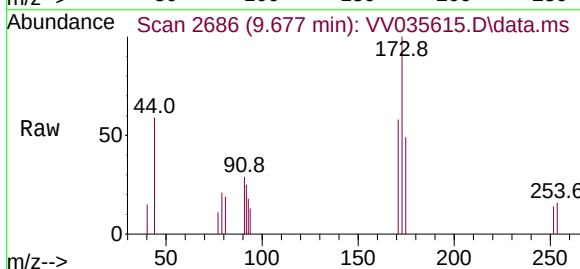
Tgt Ion: 173 Resp: 1981

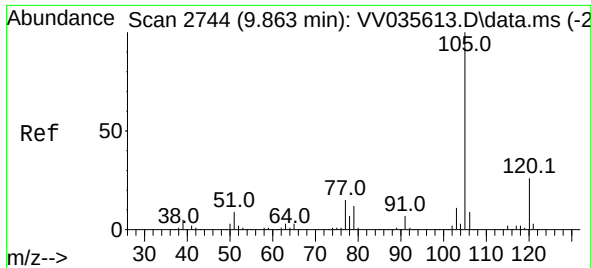
Ion Ratio Lower Upper

173 100

175 43.8 38.0 57.0

254 7.3 8.6 13.0#

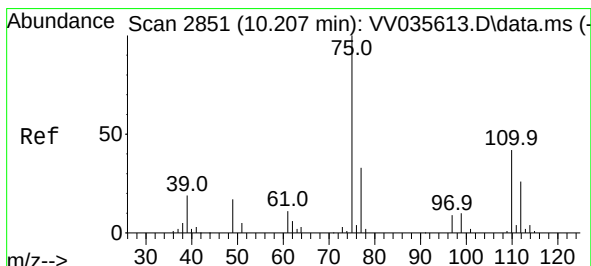
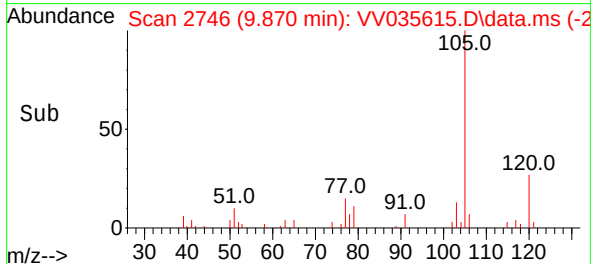
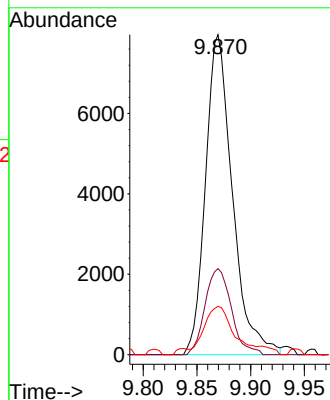
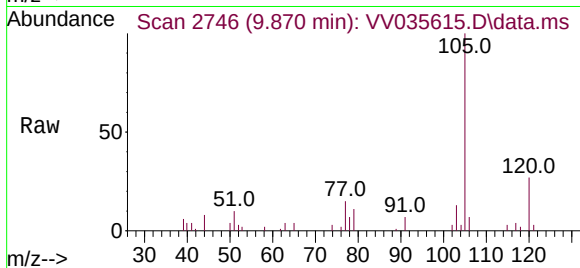




#60
Isopropylbenzene
Concen: 0.236 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

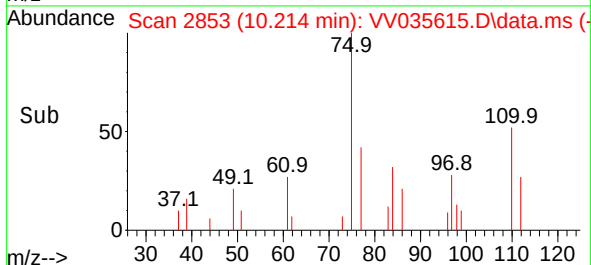
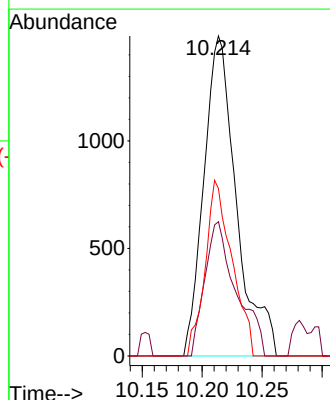
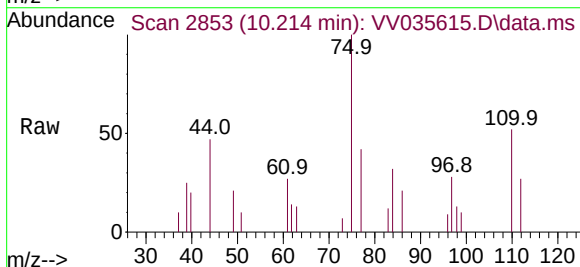
Instrument :
MSVOA_V
ClientSampleId :

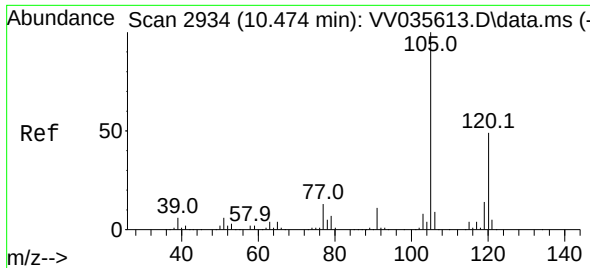
Tgt Ion:105 Resp: 13839
Ion Ratio Lower Upper
105 100
120 26.2 21.4 32.2
77 17.7 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 0.291 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.006 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

Tgt Ion: 75 Resp: 2811
Ion Ratio Lower Upper
75 100
77 40.7 24.2 36.2#
110 45.0 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 0.227 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Instrument :

MSVOA_V

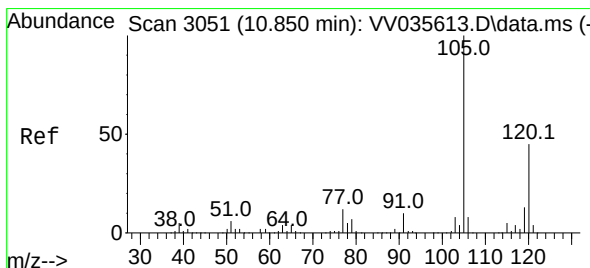
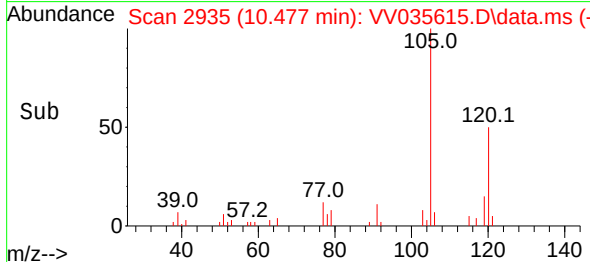
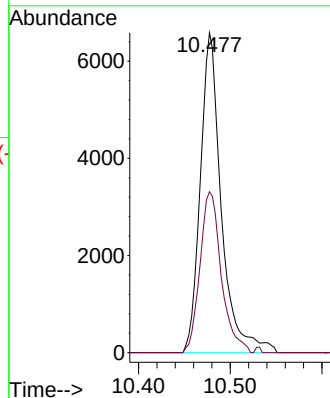
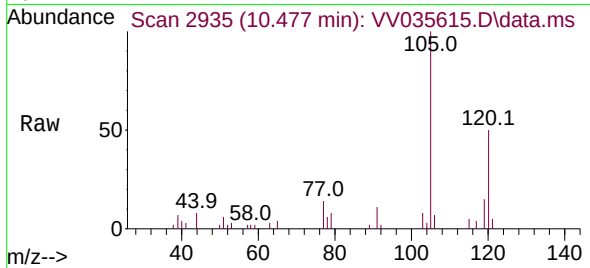
ClientSampleId :

Tgt Ion:105 Resp: 10477

Ion Ratio Lower Upper

105 100

120 51.1 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 0.224 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.006 min

Lab File: VV035615.D

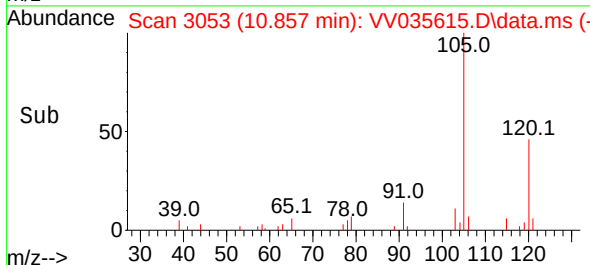
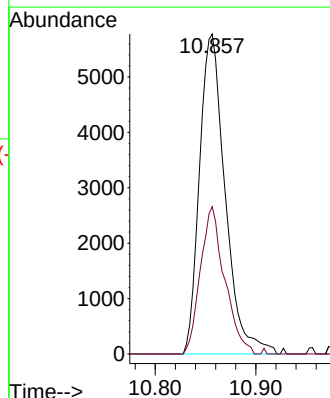
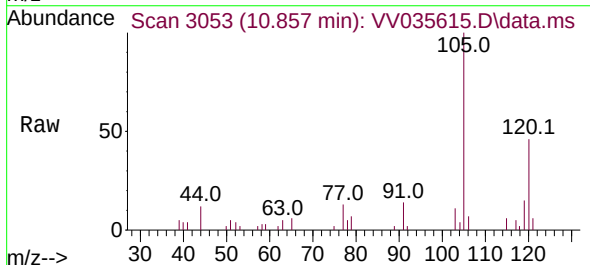
Acq: 15 May 2024 10:16

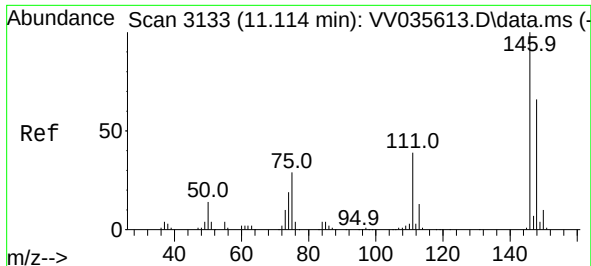
Tgt Ion:105 Resp: 10247

Ion Ratio Lower Upper

105 100

120 43.5 36.8 55.2





#64

1,3-Dichlorobenzene

Concen: 0.268 ug/L

RT: 11.124 min Scan# 3133

Delta R.T. 0.010 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Instrument :

MSVOA_V

ClientSampleId :

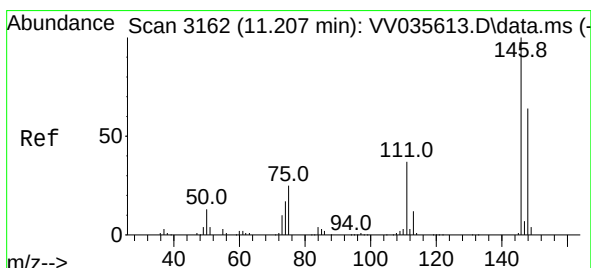
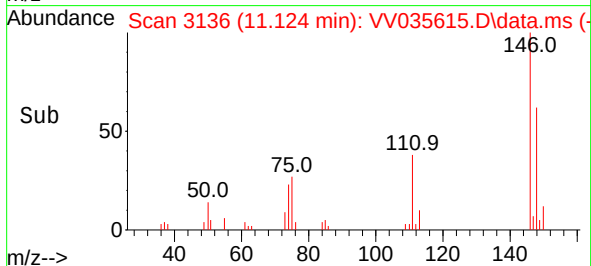
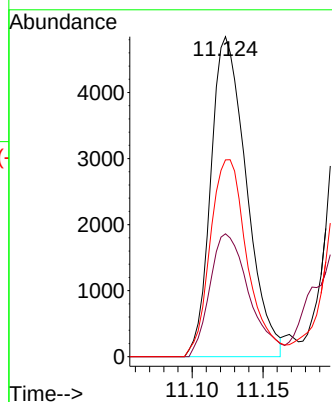
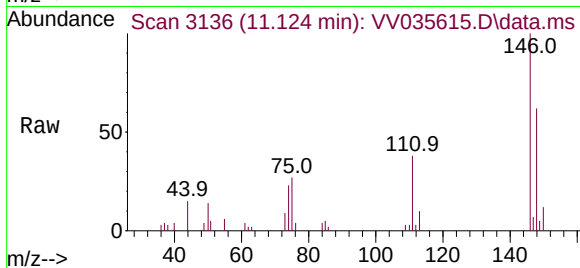
Tgt Ion:146 Resp: 8466

Ion Ratio Lower Upper

146 100

111 38.4 27.6 51.2

148 61.5 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 0.305 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. 0.006 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

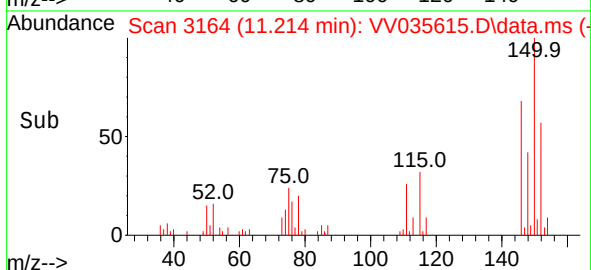
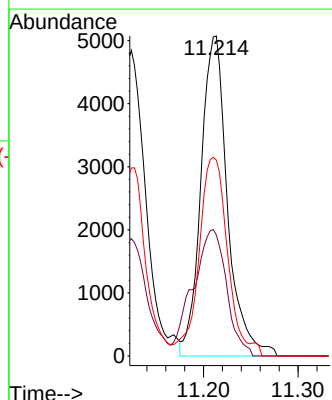
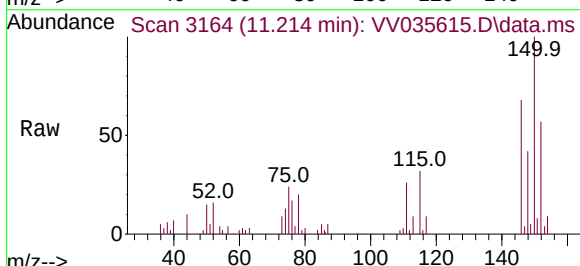
Tgt Ion:146 Resp: 9928

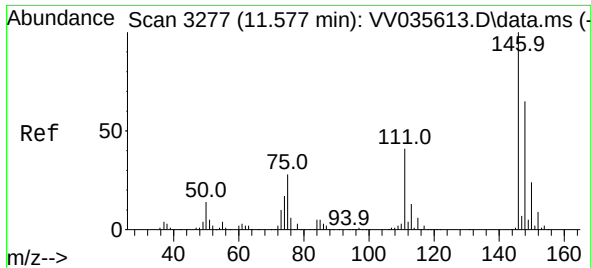
Ion Ratio Lower Upper

146 100

111 37.8 25.8 47.8

148 61.2 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 0.307 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Instrument :

MSVOA_V

ClientSampleId :

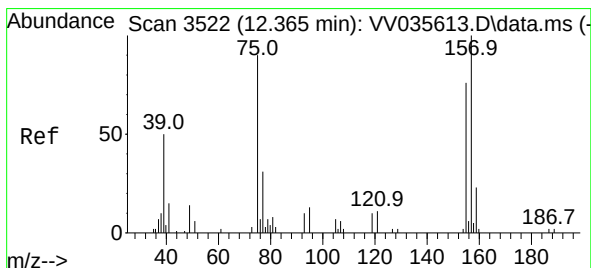
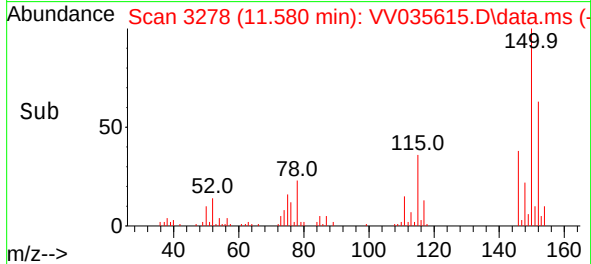
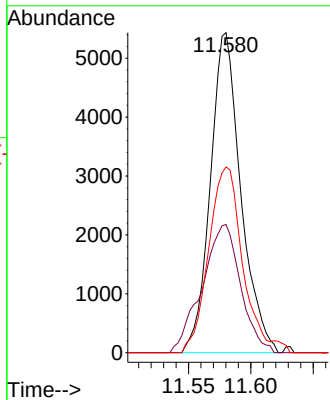
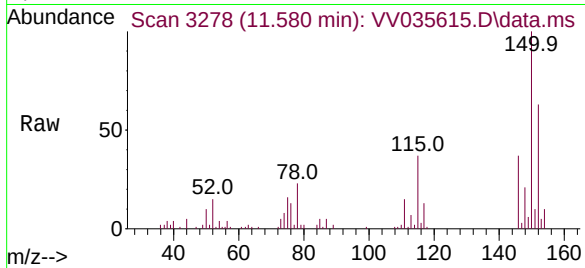
Tgt Ion:146 Resp: 9256

Ion Ratio Lower Upper

146 100

111 40.1 33.5 50.3

148 58.0 51.9 77.9



#68

1,2-Dibromo-3-chloropropane

Concen: 0.259 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.006 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

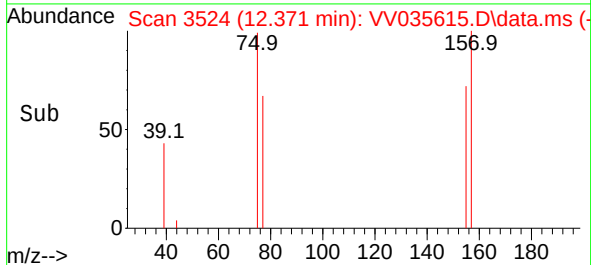
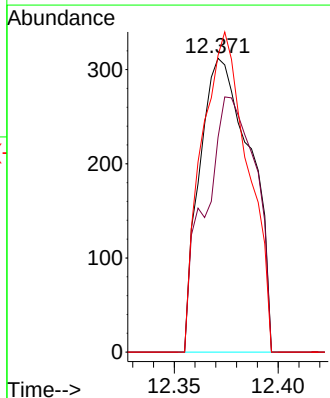
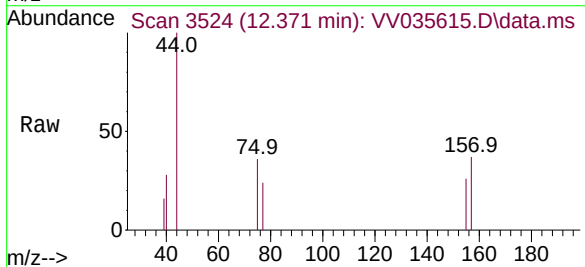
Tgt Ion: 75 Resp: 532

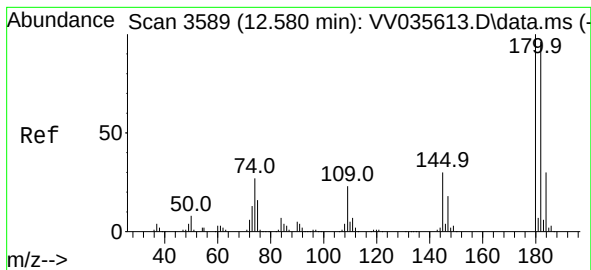
Ion Ratio Lower Upper

75 100

155 73.1 73.4 110.0#

157 101.0 95.8 143.8





#69

1,3,5-Trichlorobenzene

Concen: 0.301 ug/L

RT: 12.586 min Scan# 3589

Delta R.T. 0.006 min

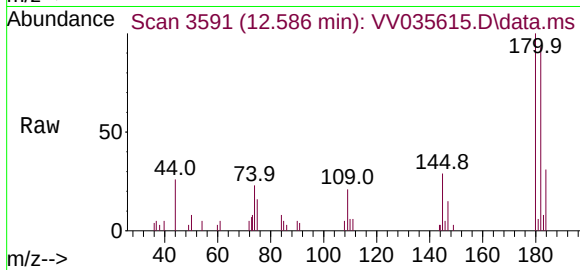
Lab File: VV035615.D

Acq: 15 May 2024 10:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 7203

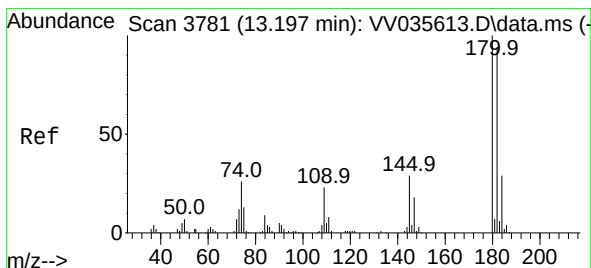
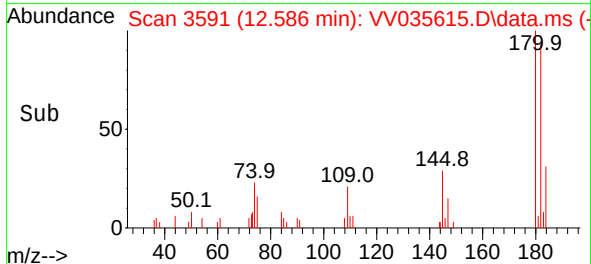
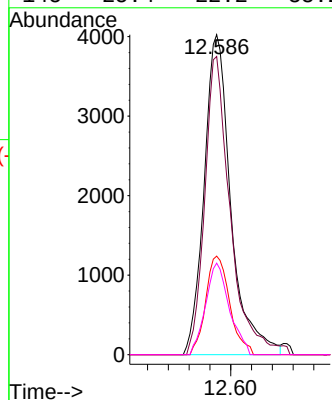
Ion Ratio Lower Upper

180 100

182 88.9 75.9 113.9

184 27.5 24.0 36.0

145 25.4 22.2 33.2



#70

1,2,4-trichlorobenzene

Concen: 0.285 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.006 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

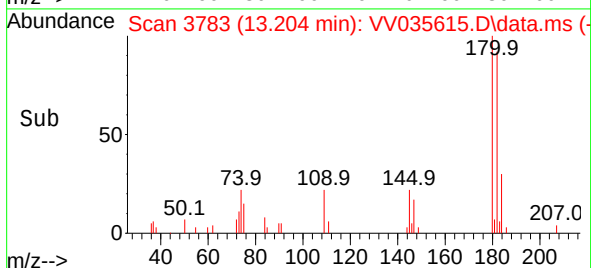
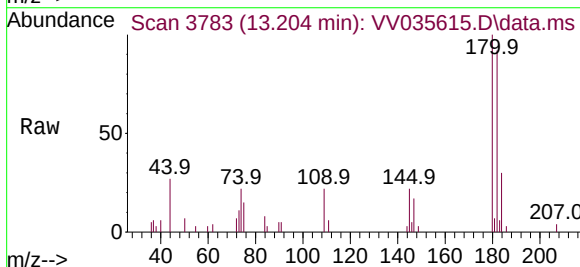
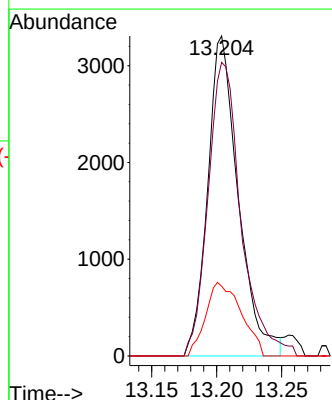
Tgt Ion:180 Resp: 5414

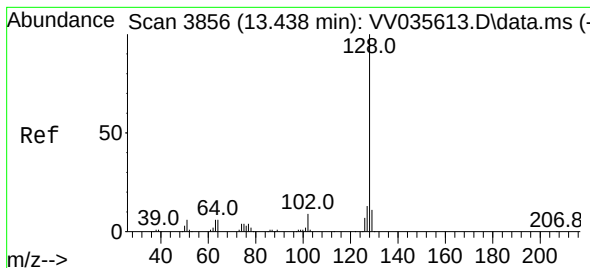
Ion Ratio Lower Upper

180 100

182 98.7 76.5 114.7

145 26.7 22.9 34.3





#71

Naphthalene

Concen: 0.251 ug/L

RT: 13.451 min Scan# 3860

Delta R.T. 0.013 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Instrument :

MSVOA_V

ClientSampleId :

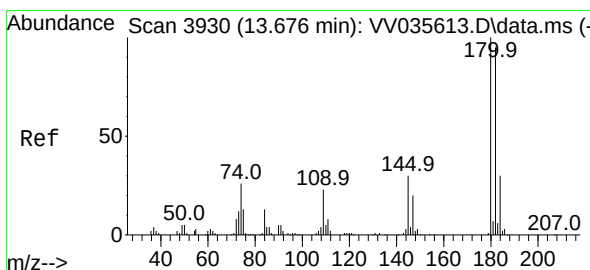
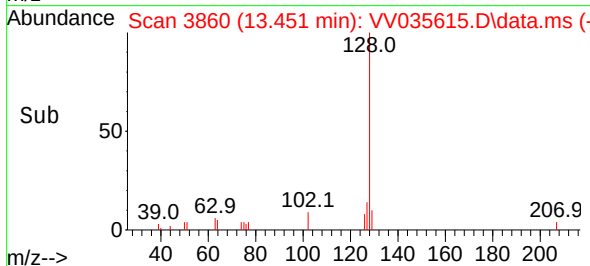
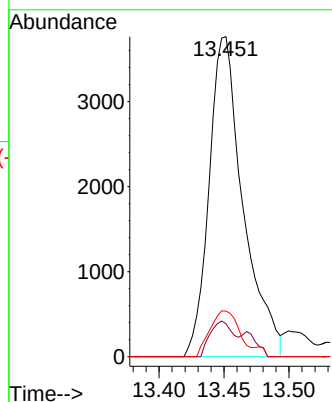
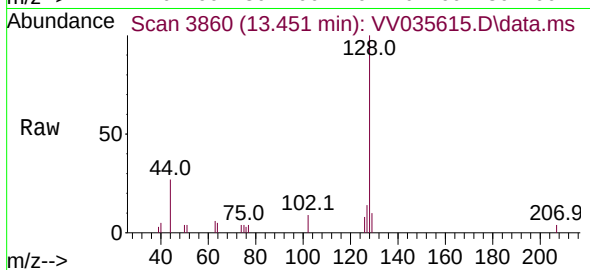
Tgt Ion:128 Resp: 6847

Ion Ratio Lower Upper

128 100

129 7.7 8.6 12.8#

127 13.1 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 0.271 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Tgt Ion:180 Resp: 4753

Ion Ratio Lower Upper

180 100

182 93.1 76.6 114.8

145 31.8 25.1 37.7

