

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037018.D
 Acq On : 26 Aug 2024 11:21
 Operator : SY/MD
 Sample : VSTD010
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 01:05:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:02:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	684263	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	649723	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	321620	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	64803	10.353	ug/L	0.00
7) Chloroethane-d5	1.532	69	50385	10.415	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	27761	10.552	ug/L	0.00
21) 2-Butanone-d5	4.043	46	168	0.073	ug/L	0.25
24) Chloroform-d	4.246	84	96794	9.881	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	62700	10.163	ug/L	0.00
32) Benzene-d6	4.957	84	204462	10.419	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	63018	10.253	ug/L	0.00
41) Toluene-d8	7.243	98	182382	10.298	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	26636	9.367	ug/L	0.00
47) 2-Hexanone-d5	8.034	63	30006	18.517	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	77072	10.339	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	68314	10.605	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	50605	8.752	ug/L	99
3) Chloromethane	1.217	50	55639	8.556	ug/L	97
5) Vinyl chloride	1.281	62	51479	8.433	ug/L	98
6) Bromomethane	1.487	94	30950	9.048	ug/L	97
8) Chloroethane	1.548	64	31688	8.486	ug/L	98
9) Trichlorofluoromethane	1.712	101	69430	8.715	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	41869	8.836	ug/L	99
12) 1,1-Dichloroethene	2.069	96	38923	8.719	ug/L	87
13) Acetone	2.114	43	41396	16.319	ug/L	98
14) Carbon disulfide	2.240	76	123587	9.119	ug/L	98
15) Methyl Acetate	2.375	43	37476	8.599	ug/L	95
16) Methylene chloride	2.445	84	44212	8.778	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	40885	8.822	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	124381	8.532	ug/L	98
19) 1,1-Dichloroethane	3.108	63	78302	8.508	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	44330	8.657	ug/L	98
22) 2-Butanone	3.841	43	96	0.035	ug/L	97
23) Bromochloromethane	4.150	128	21813	8.677	ug/L	92
25) Chloroform	4.275	83	81700	8.765	ug/L	99
27) 1,2-Dichloroethane	5.043	62	57675	8.481	ug/L	96
29) Cyclohexane	4.574	56	65651	8.594	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	64846	8.674	ug/L	99
31) Carbon tetrachloride	4.728	117	52479	8.319	ug/L	98
33) Benzene	5.008	78	163808	8.736	ug/L	100
34) Trichloroethene	5.834	95	43791	8.848	ug/L	99
35) Methylcyclohexane	6.043	83	69213	8.683	ug/L	99
37) 1,2-Dichloropropane	6.095	63	42147	8.375	ug/L	100
38) Bromodichloromethane	6.432	83	53629	8.324	ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	59909	7.653	ug/L	97
40) 4-Methyl-2-pentanone	7.165	43	81323	16.378	ug/L	99
42) Toluene	7.313	91	164235	8.413	ug/L	97
44) trans-1,3-Dichloropropene	7.587	75	53539	7.651	ug/L	98

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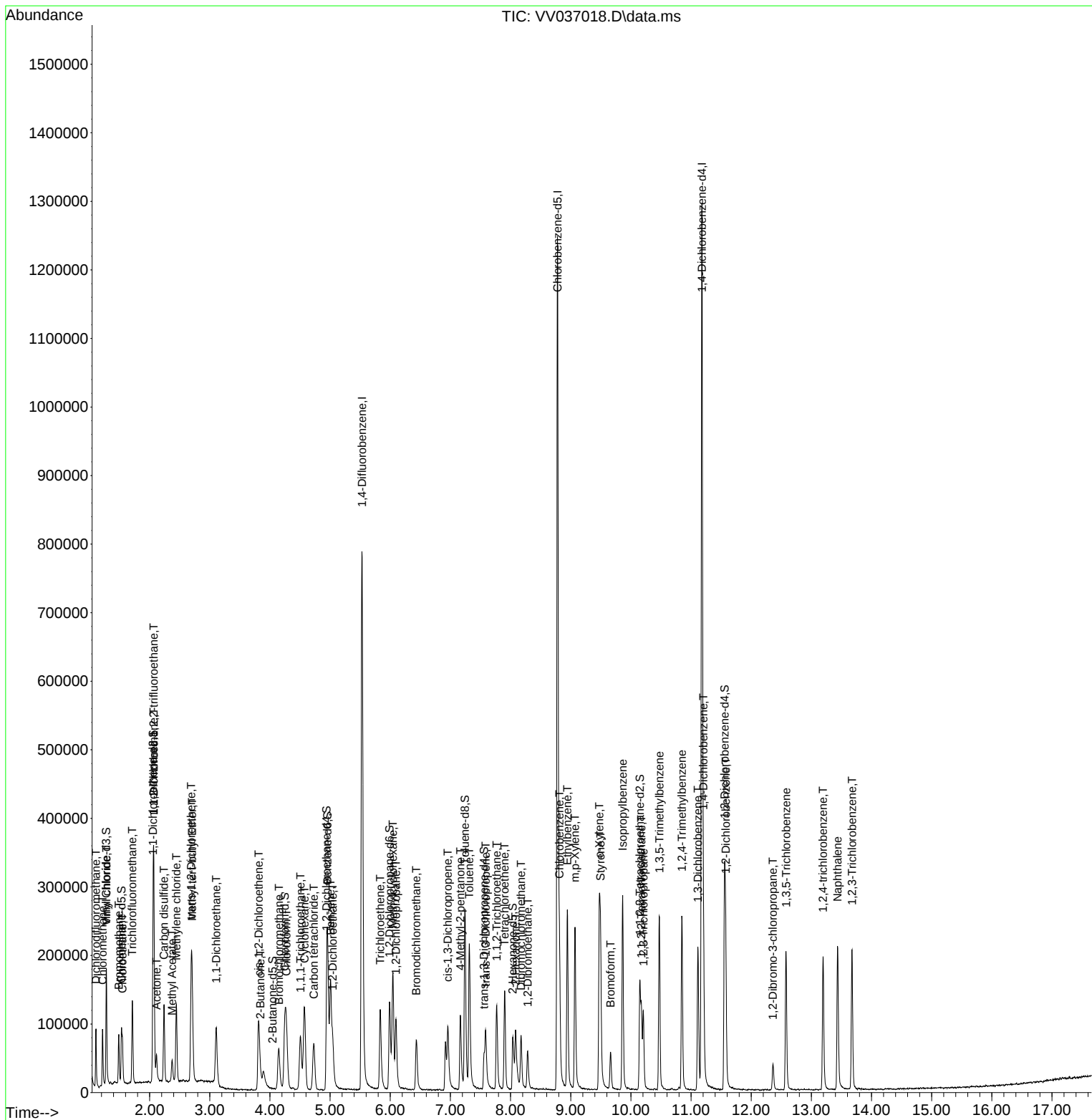
Instrument :
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 ClientSampleId :

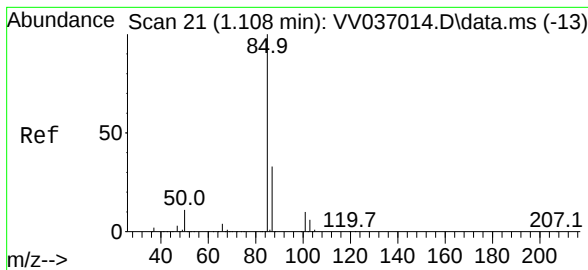
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	40906	8.742	ug/L	99
46) Tetrachloroethene	7.902	164	30916	8.706	ug/L	95
48) 2-Hexanone	8.085	43	59318	15.465	ug/L	96
49) Dibromochloromethane	8.175	129	37533	8.010	ug/L	99
50) 1,2-Dibromoethane	8.284	107	38773	8.188	ug/L	91
51) Chlorobenzene	8.812	112	113725	8.799	ug/L	99
52) Ethylbenzene	8.944	91	186846	8.473	ug/L	98
53) m,p-Xylene	9.072	106	68219	8.350	ug/L	98
54) o-Xylene	9.474	106	66358	8.295	ug/L	98
55) Styrene	9.497	104	112158	8.131	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	60559	8.738	ug/L	98
59) Bromoform	9.661	173	23492	7.836	ug/L	98
60) Isopropylbenzene	9.863	105	177051	8.492	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	44764	8.947	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	139443	8.174	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	141840	8.332	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	85348	8.865	ug/L	97
65) 1,4-Dichlorobenzene	11.204	146	89004	9.032	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	83521	8.823	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	10443	8.370	ug/L	84
69) 1,3,5-Trichlorobenzene	12.580	180	59757	8.920	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	55828	8.850	ug/L	96
71) Naphthalene	13.435	128	178386	9.793	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	56560	9.098	ug/L	96

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

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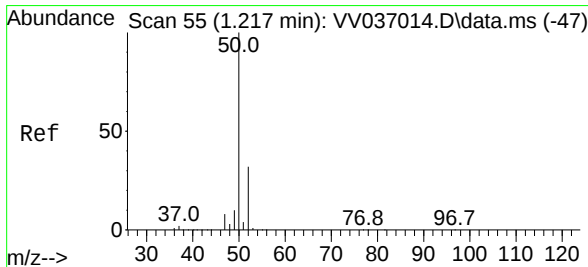
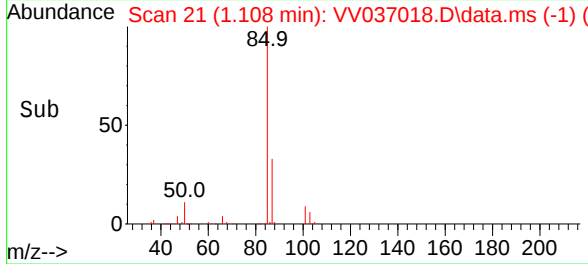
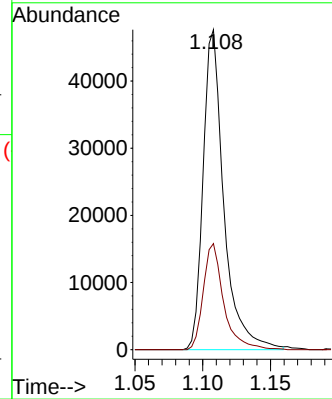
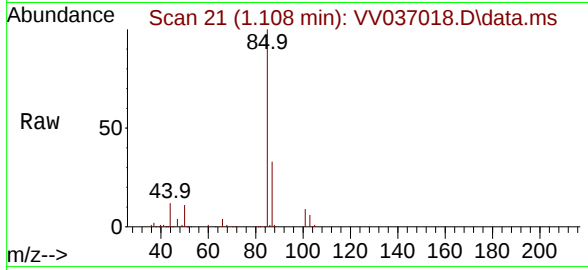




#2
 Dichlorodifluoromethane
 Concen: 8.752 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037018.D
 Acq: 26 Aug 2024 11:21

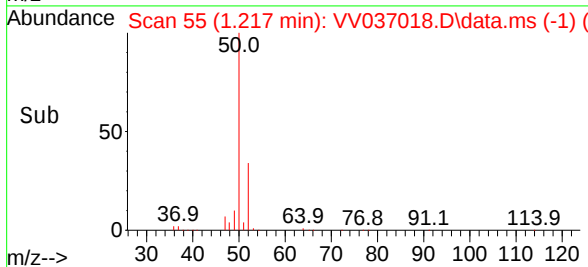
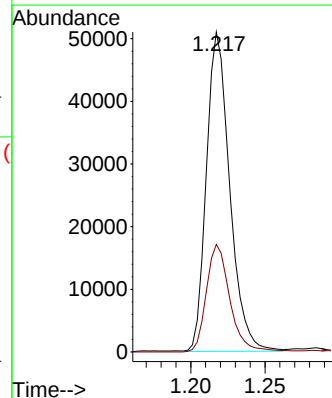
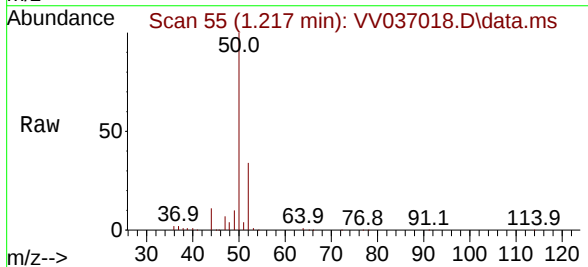
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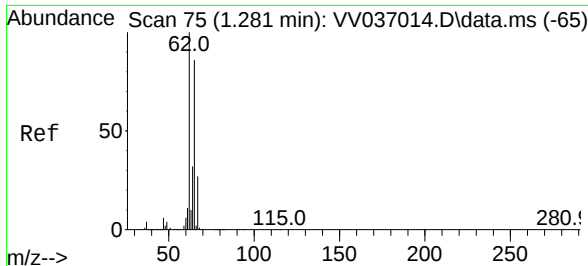
Tgt Ion: 85 Resp: 50605
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.9 38.9



#3
 Chloromethane
 Concen: 8.556 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037018.D
 Acq: 26 Aug 2024 11:21

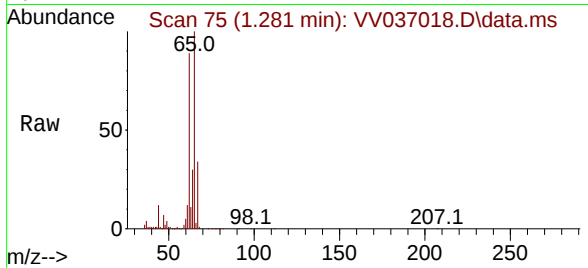
Tgt Ion: 50 Resp: 55639
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.5 41.9



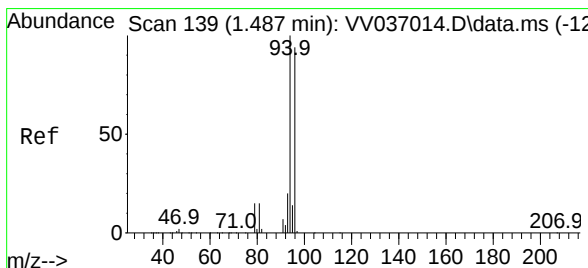
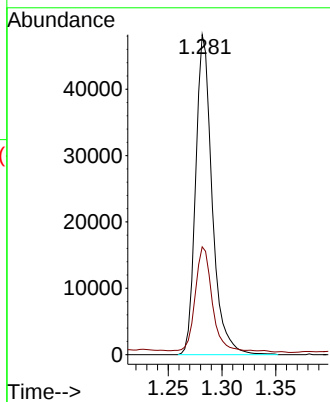
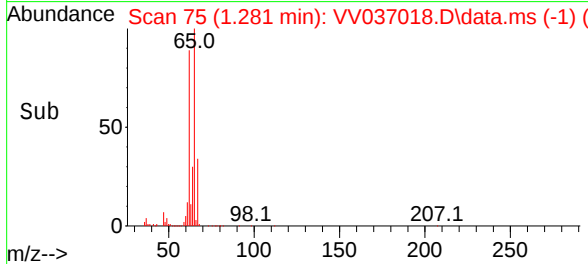


#5
 Vinyl chloride
 Concen: 8.433 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037018.D
 Acq: 26 Aug 2024 11:21

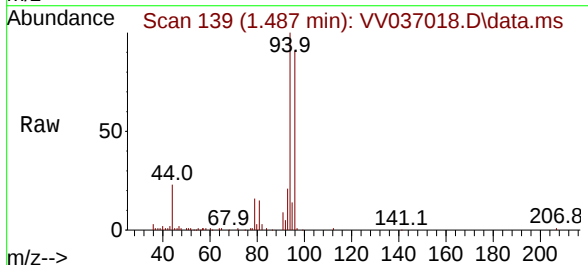
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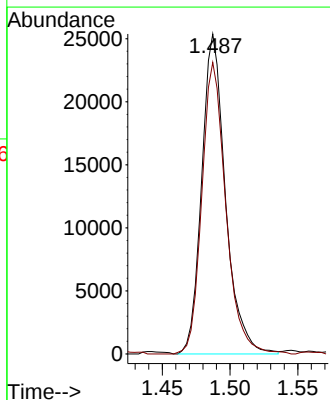
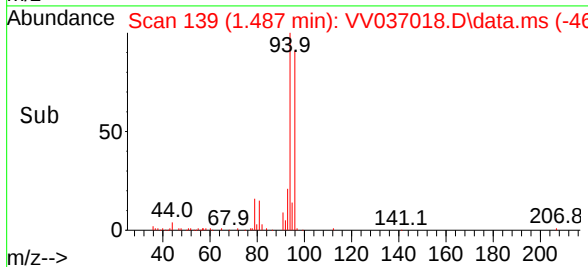
Tgt Ion: 62 Resp: 51479
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.8 42.4

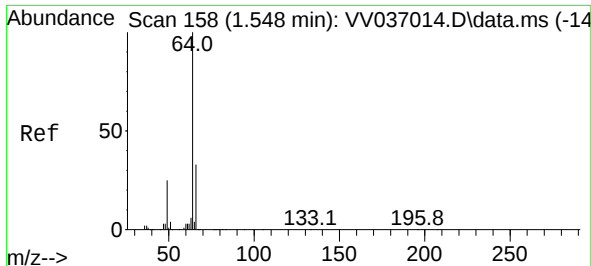


#6
 Bromomethane
 Concen: 9.048 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037018.D
 Acq: 26 Aug 2024 11:21



Tgt Ion: 94 Resp: 30950
 Ion Ratio Lower Upper
 94 100
 96 91.1 65.6 121.8

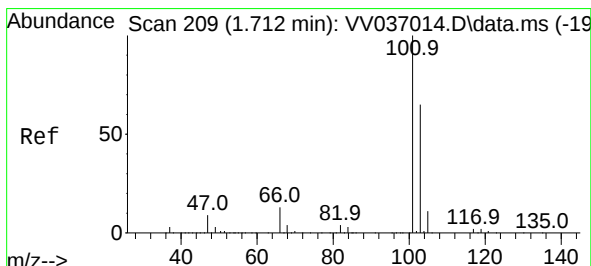
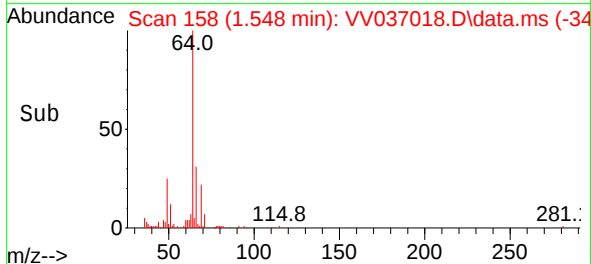
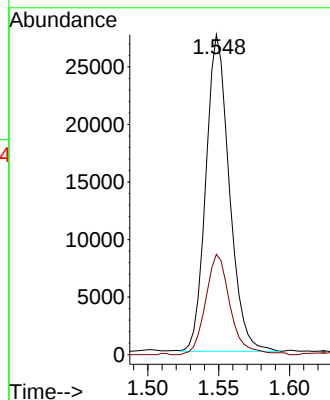
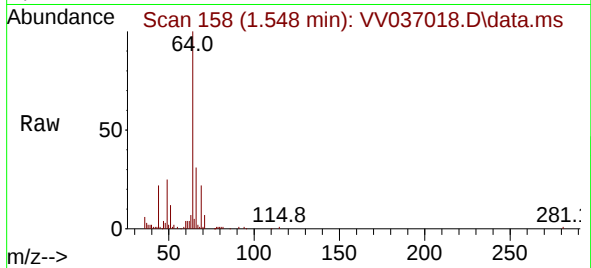




#8
Chloroethane
Concen: 8.486 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

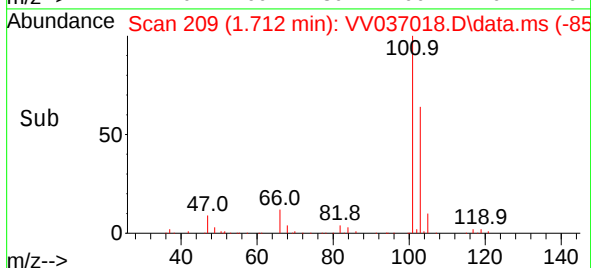
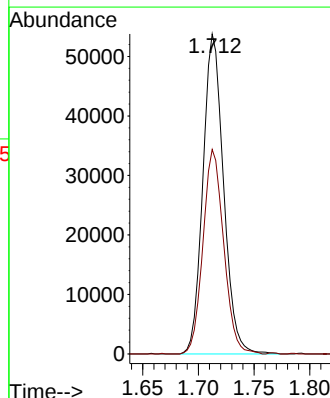
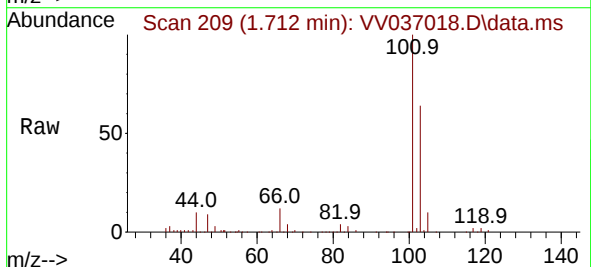
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MSVOA_V
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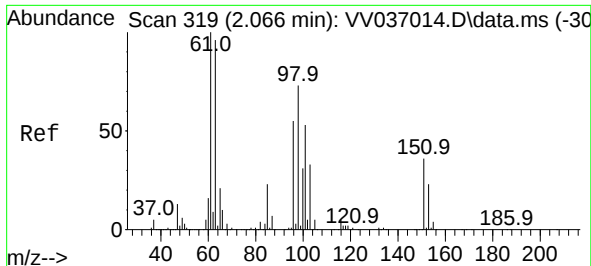
Tgt Ion: 64 Resp: 31688
Ion Ratio Lower Upper
64 100
66 31.4 22.8 42.4



#9
Trichlorofluoromethane
Concen: 8.715 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

Tgt Ion: 101 Resp: 69430
Ion Ratio Lower Upper
101 100
103 64.1 51.7 77.5

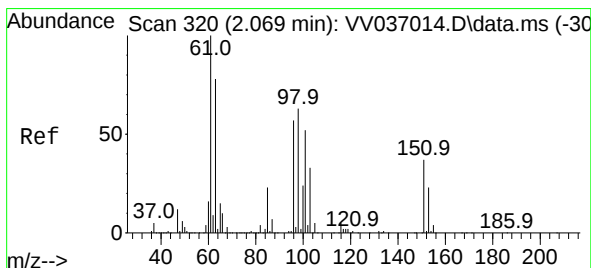
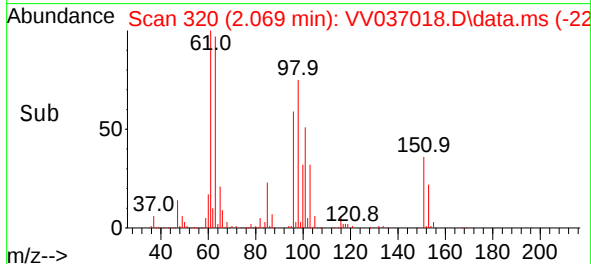
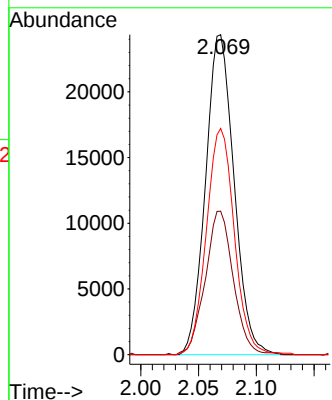
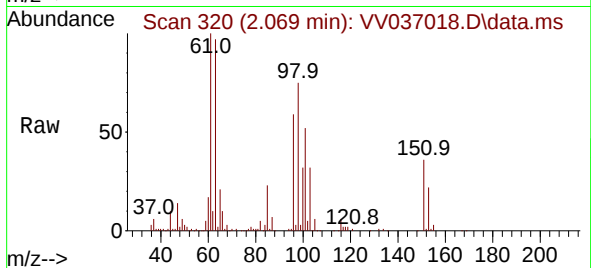




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 8.836 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

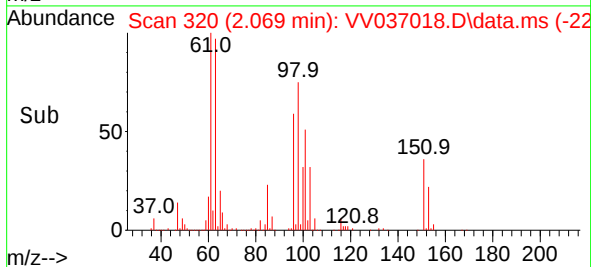
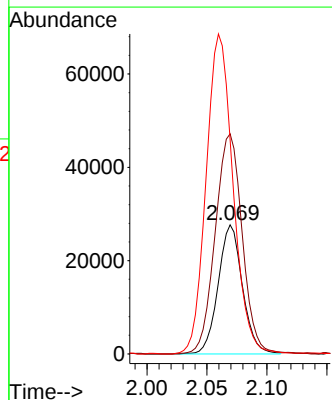
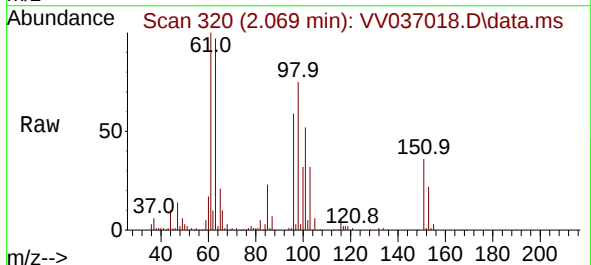
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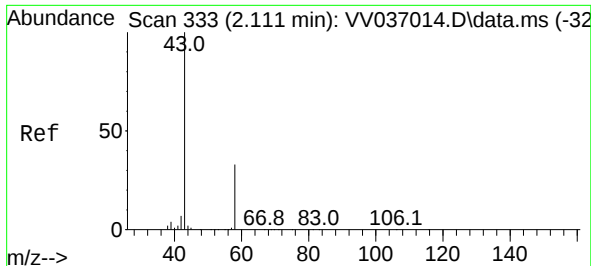
Tgt Ion:101 Resp: 41869
Ion Ratio Lower Upper
101 100
85 44.0 35.6 53.4
151 69.4 55.0 82.4



#12
1,1-Dichloroethene
Concen: 8.719 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

Tgt Ion: 96 Resp: 38923
Ion Ratio Lower Upper
96 100
61 170.5 123.8 229.8
63 165.8 96.5 179.1

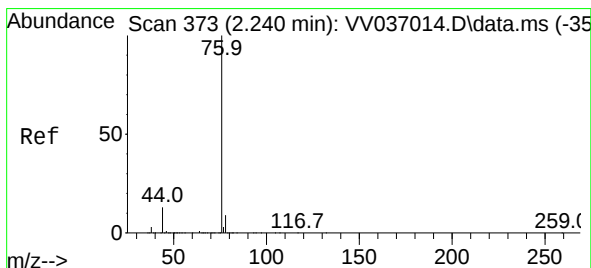
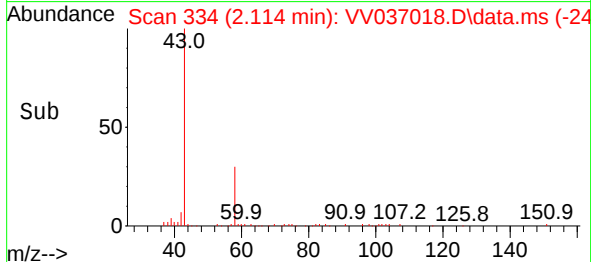
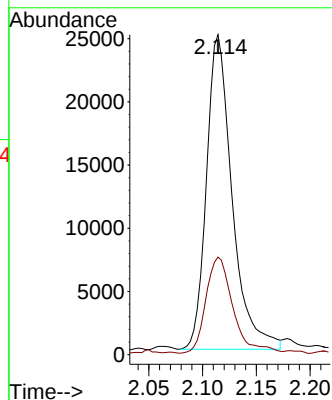
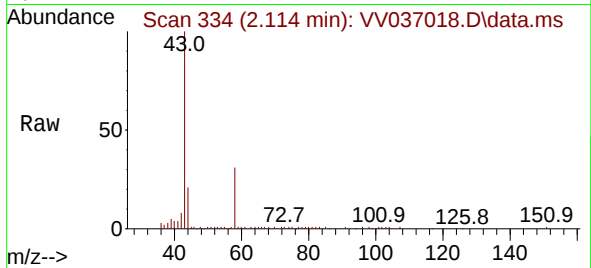




#13
Acetone
Concen: 16.319 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV037018.D
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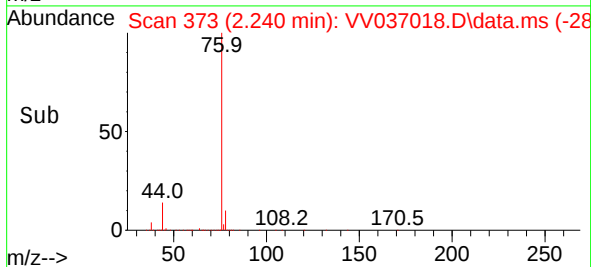
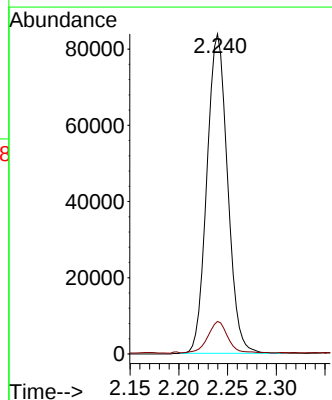
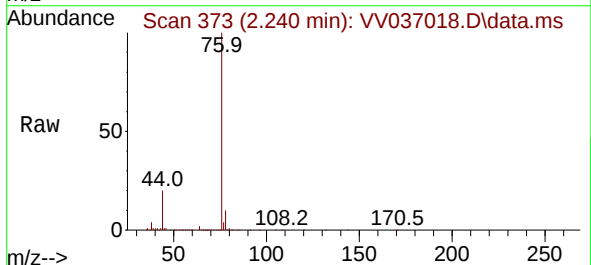
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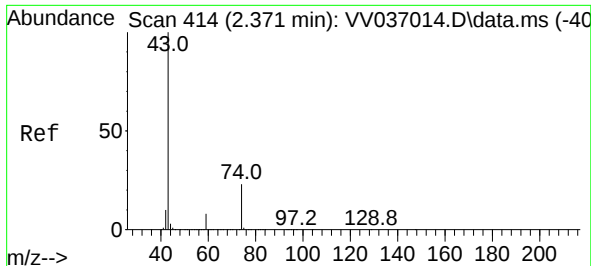
Tgt Ion: 43 Resp: 41396
Ion Ratio Lower Upper
43 100
58 31.3 0.0 64.8



#14
Carbon disulfide
Concen: 9.119 ug/L
RT: 2.240 min Scan# 373
Delta R.T. 0.000 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

Tgt Ion: 76 Resp: 123587
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3





#15

Methyl Acetate

Concen: 8.599 ug/L

RT: 2.375 min Scan# 414

Delta R.T. 0.003 min

Lab File: VV037018.D

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Instrument :

MSVOA_V

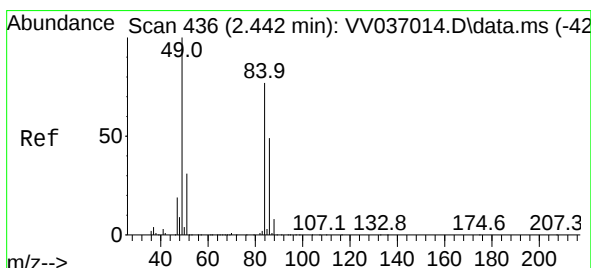
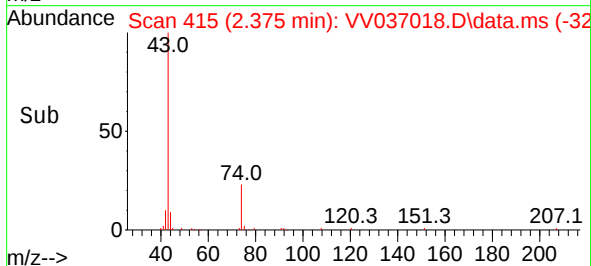
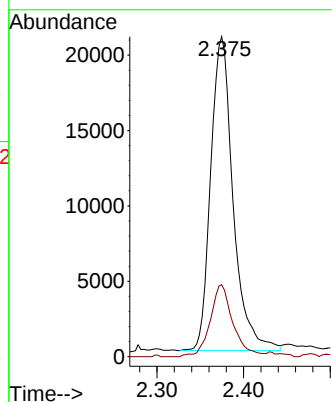
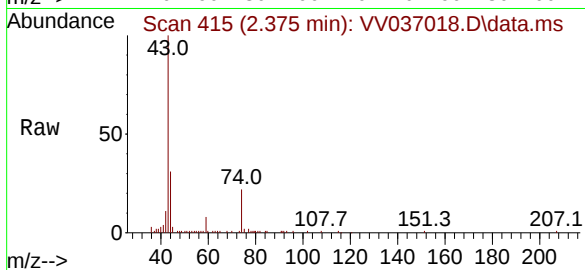
ClientSampleId :

Tgt Ion: 43 Resp: 37476

Ion Ratio Lower Upper

43 100

74 20.7 18.4 27.6



#16

Methylene chloride

Concen: 8.778 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV037018.D

Acq: 26 Aug 2024 11:21

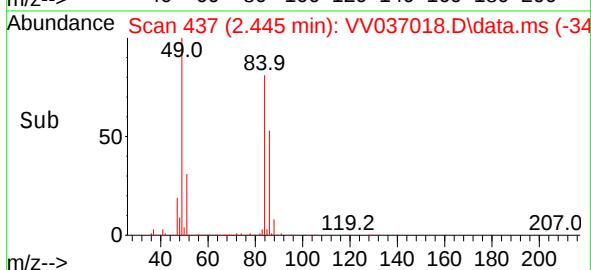
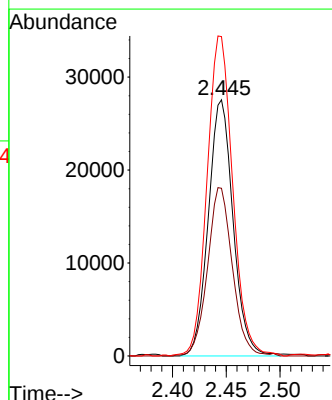
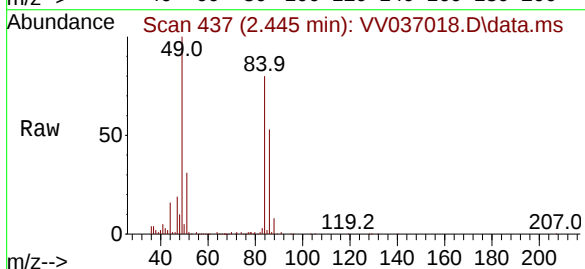
Tgt Ion: 84 Resp: 44212

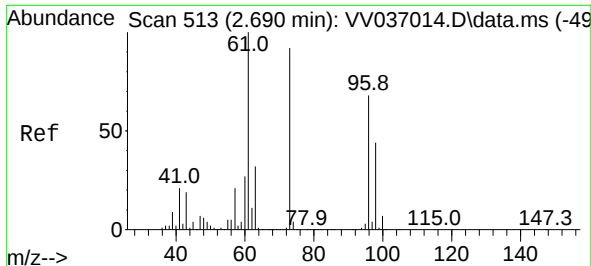
Ion Ratio Lower Upper

84 100

86 65.5 44.7 82.9

49 124.7 91.4 169.8

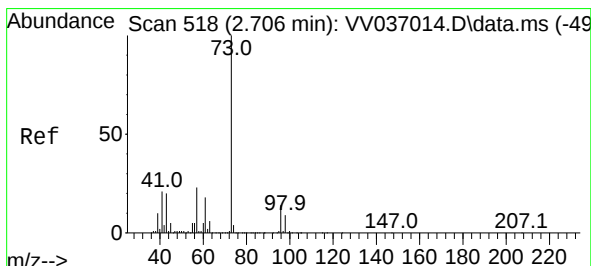
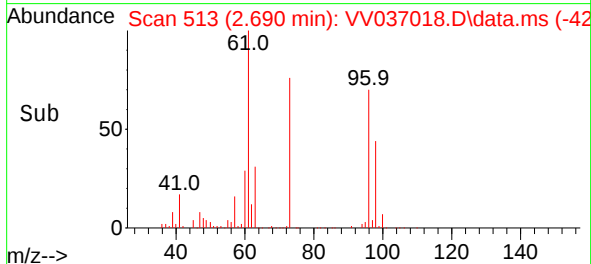
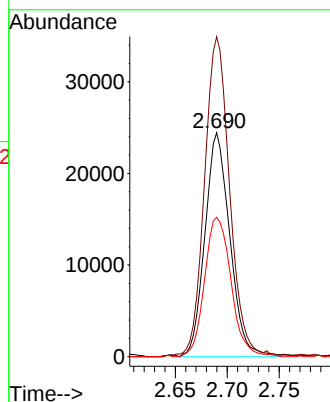
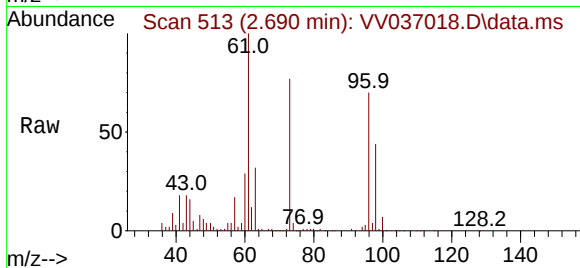




#17
trans-1,2-Dichloroethene
Concen: 8.822 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

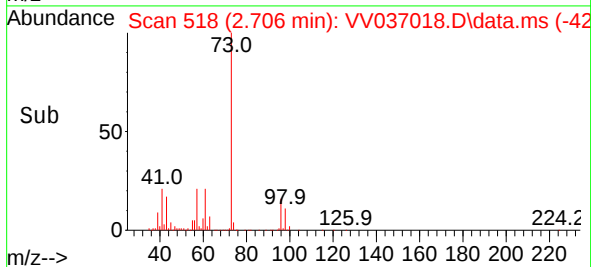
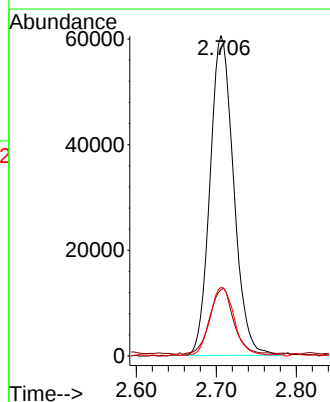
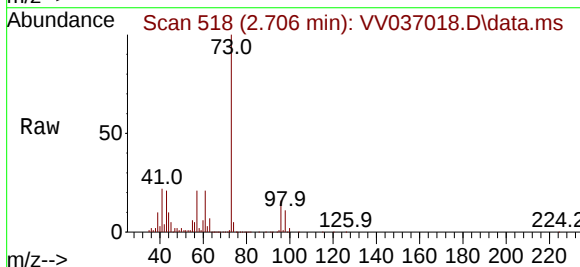
Instrument :
MSVOA_V
ClientSampleId :

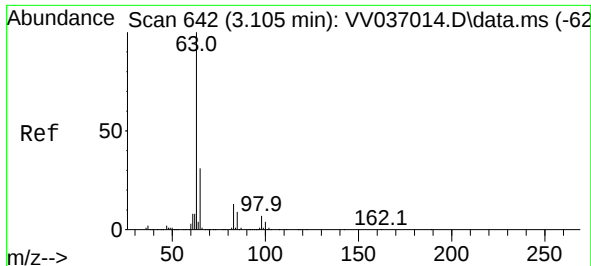
Tgt Ion: 96 Resp: 40885
Ion Ratio Lower Upper
96 100
61 142.9 102.3 189.9
98 62.2 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 8.532 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

Tgt Ion: 73 Resp: 124381
Ion Ratio Lower Upper
73 100
43 20.7 15.8 23.6
57 22.1 18.1 27.1

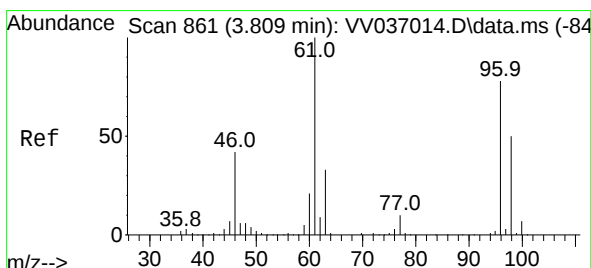
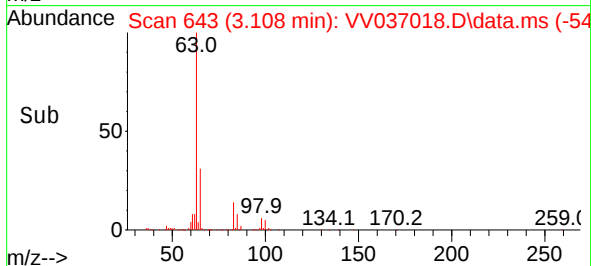
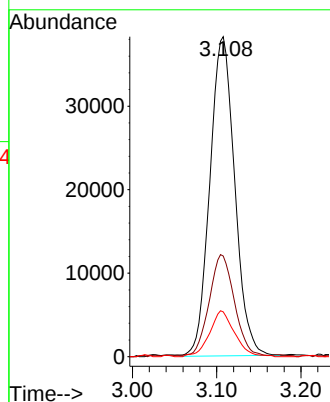
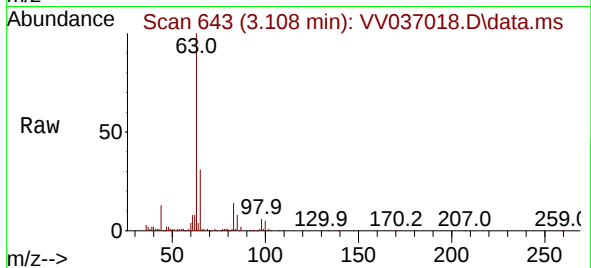




#19
1,1-Dichloroethane
Concen: 8.508 ug/L
RT: 3.108 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

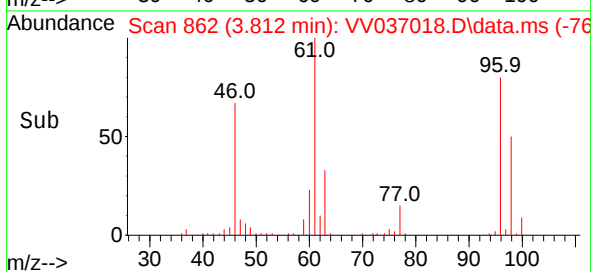
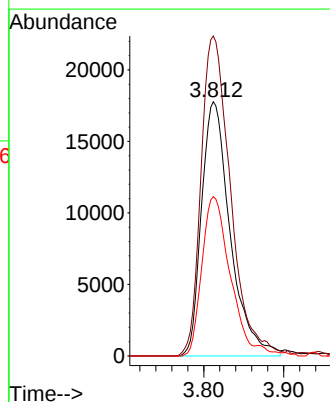
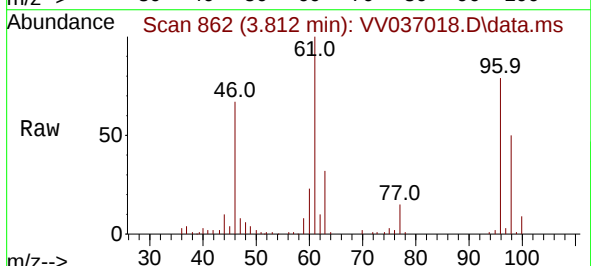
Instrument :
MSVOA_V
ClientSampleId :

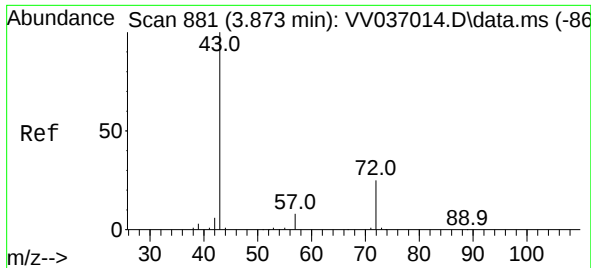
Tgt Ion: 63 Resp: 78302
Ion Ratio Lower Upper
63 100
65 31.5 22.0 41.0
83 14.0 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 8.657 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

Tgt Ion: 96 Resp: 44330
Ion Ratio Lower Upper
96 100
61 125.9 89.9 166.9
98 62.7 44.8 83.2

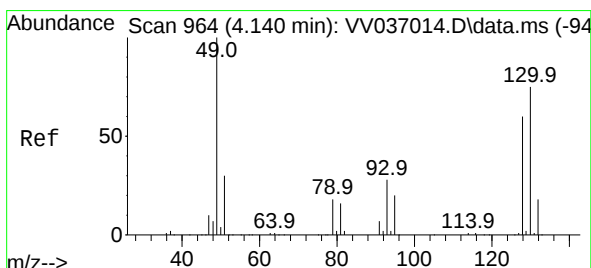
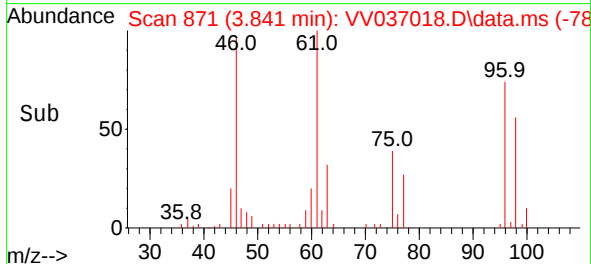
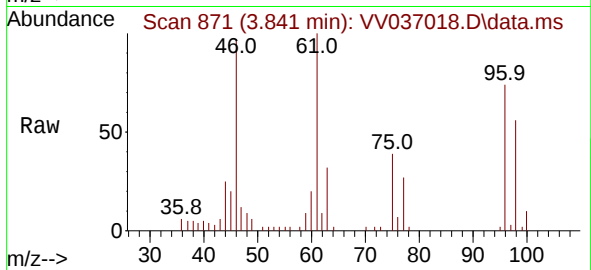




#22
2-Butanone
Concen: 0.035 ug/L
RT: 3.841 min Scan# 81
Delta R.T. -0.032 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

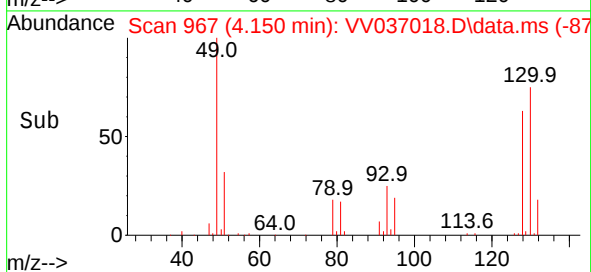
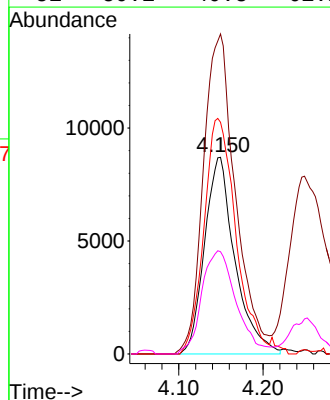
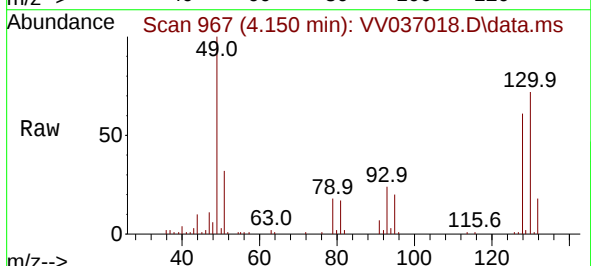
Instrument :
MSVOA_V
ClientSampleId :

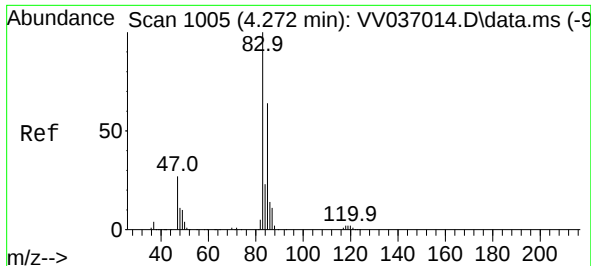
Tgt Ion: 43 Resp: 96
Ion Ratio Lower Upper
43 100
72 24.0 12.7 38.0



#23
Bromochloromethane
Concen: 8.677 ug/L
RT: 4.150 min Scan# 967
Delta R.T. 0.010 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

Tgt Ion:128 Resp: 21813
Ion Ratio Lower Upper
128 100
49 156.9 117.2 217.6
130 113.5 87.6 162.8
51 50.1 40.8 61.2





#25

Chloroform

Concen: 8.765 ug/L

RT: 4.275 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV037018.D

Acq: 26 Aug 2024 11:21

Instrument :

MSVOA_V

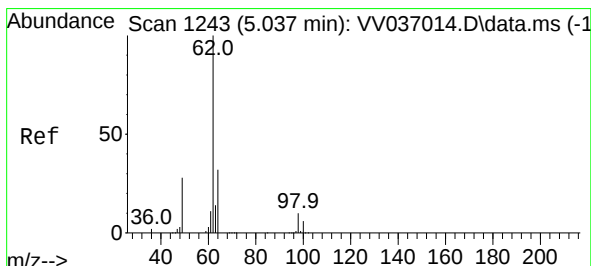
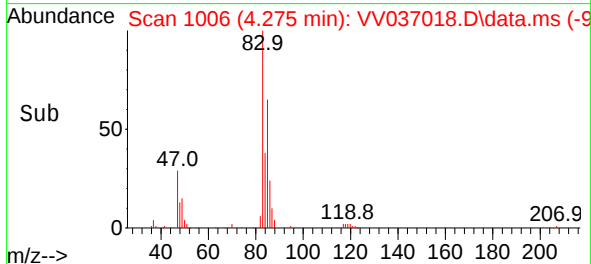
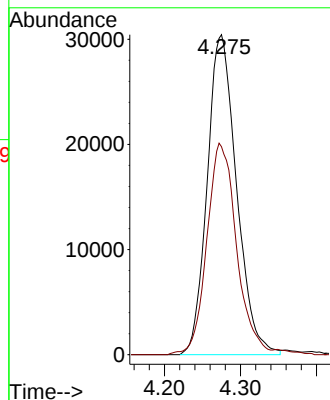
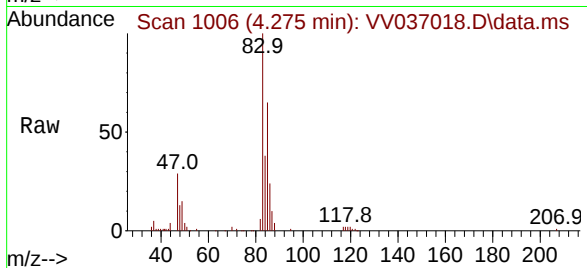
ClientSampleId :

Tgt Ion: 83 Resp: 81700

Ion Ratio Lower Upper

83 100

85 65.0 45.1 83.7



#27

1,2-Dichloroethane

Concen: 8.481 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.006 min

Lab File: VV037018.D

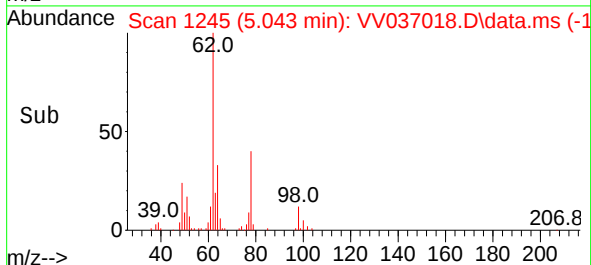
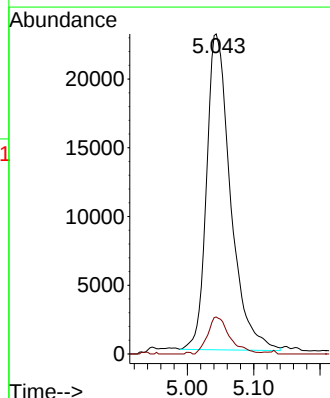
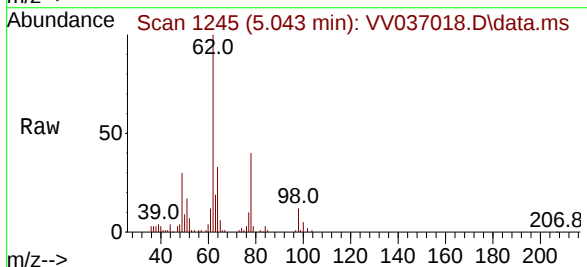
Acq: 26 Aug 2024 11:21

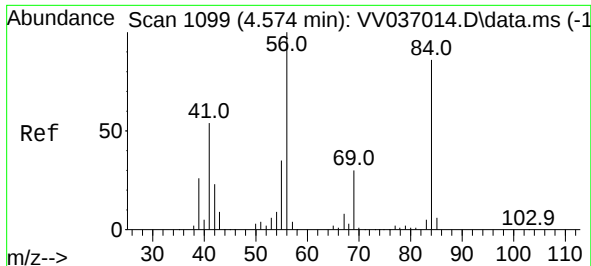
Tgt Ion: 62 Resp: 57675

Ion Ratio Lower Upper

62 100

98 11.5 8.0 12.0





#29

Cyclohexane

Concen: 8.594 ug/L

RT: 4.574 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037018.D

Acq: 26 Aug 2024 11:21

Instrument :

MSVOA_V

ClientSampleId :

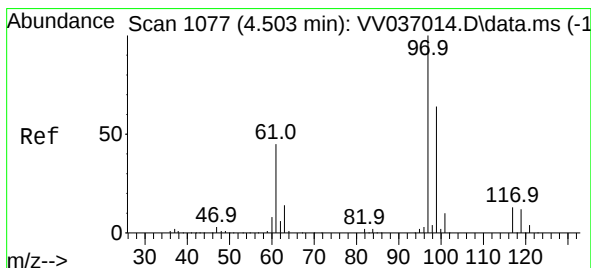
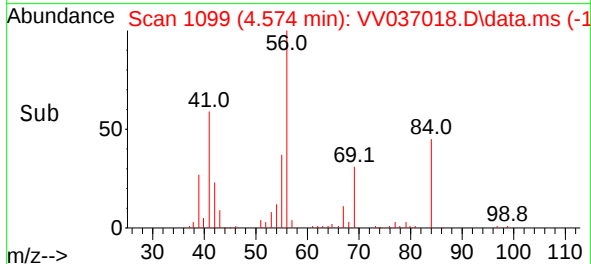
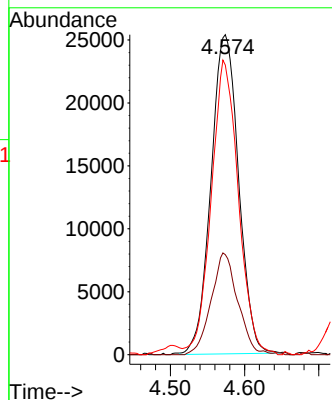
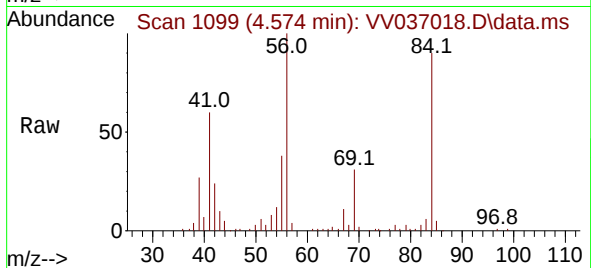
Tgt Ion: 56 Resp: 65651

Ion Ratio Lower Upper

56 100

69 30.3 24.2 36.4

84 90.4 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 8.674 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VV037018.D

Acq: 26 Aug 2024 11:21

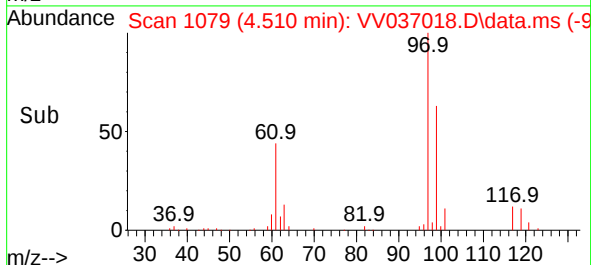
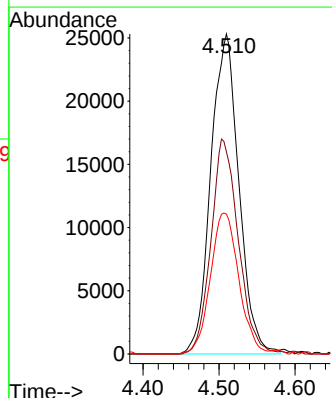
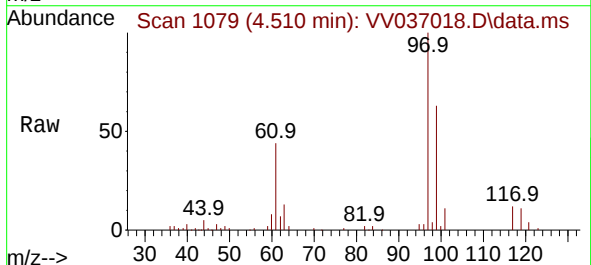
Tgt Ion: 97 Resp: 64846

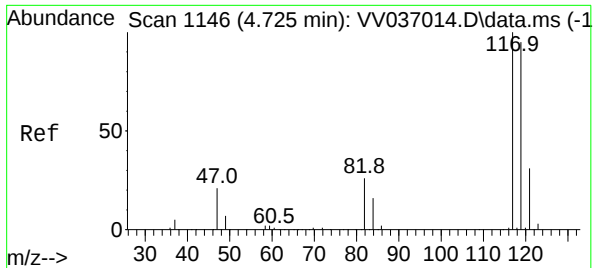
Ion Ratio Lower Upper

97 100

99 65.3 51.6 77.4

61 44.7 35.8 53.6

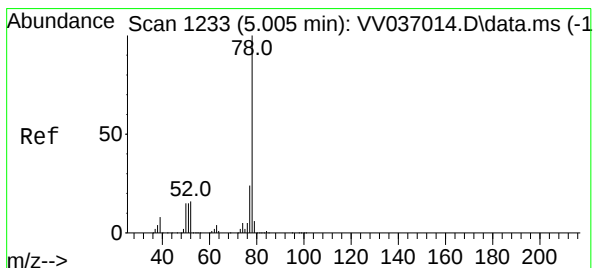
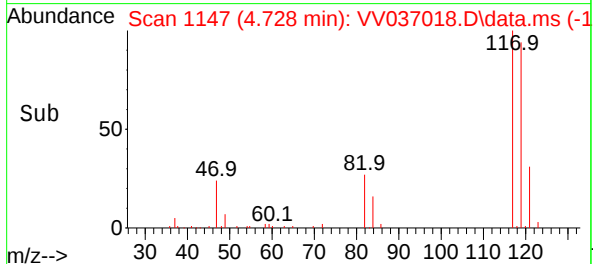
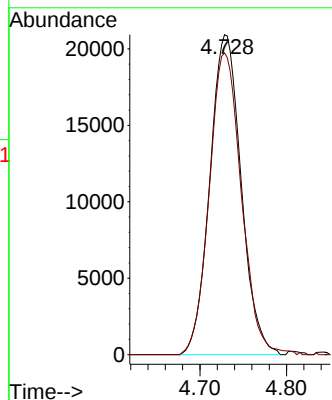
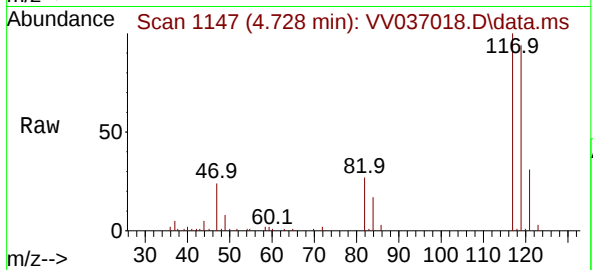




#31
Carbon tetrachloride
Concen: 8.319 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

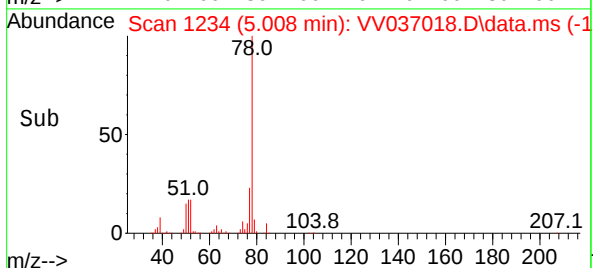
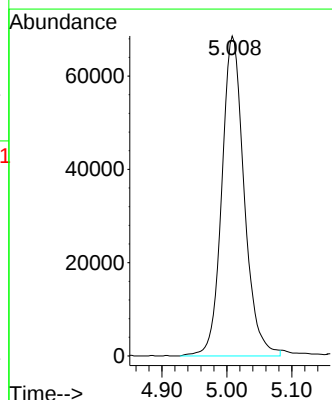
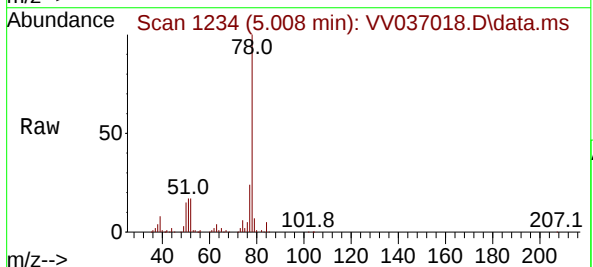
Instrument :
MSVOA_V
ClientSampleId :

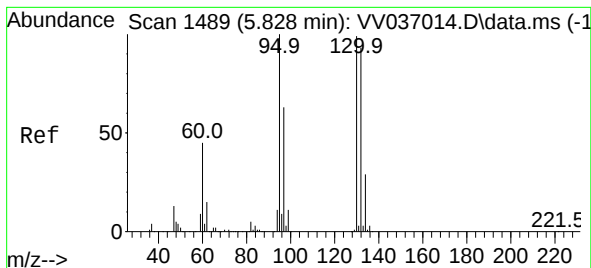
Tgt Ion:117 Resp: 52479
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.6



#33
Benzene
Concen: 8.736 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

Tgt Ion: 78 Resp: 163808





#34

Trichloroethene

Concen: 8.848 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.006 min

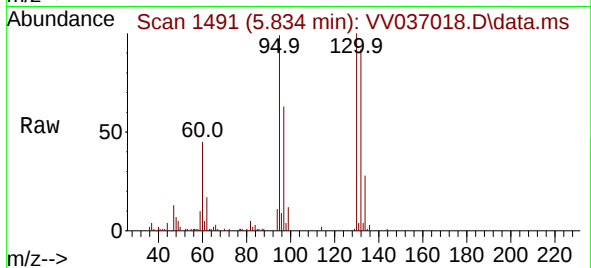
Lab File: VV037018.D

Acq: 26 Aug 2024 11:21

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 43791

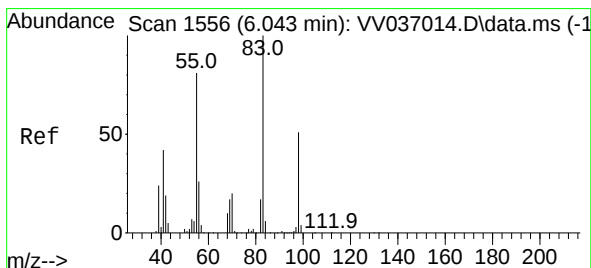
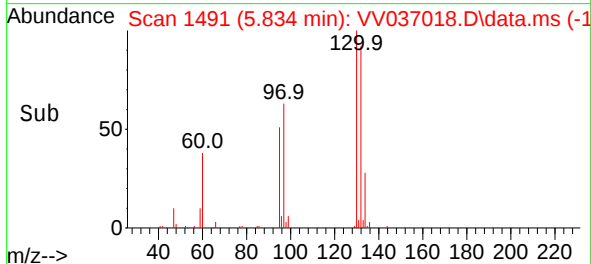
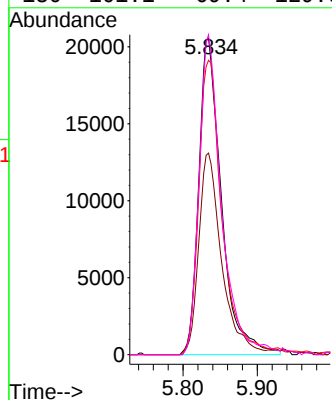
Ion Ratio Lower Upper

95 100

97 63.7 44.4 82.5

132 93.0 64.9 120.5

130 101.1 69.4 129.0



#35

Methylcyclohexane

Concen: 8.683 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV037018.D

Acq: 26 Aug 2024 11:21

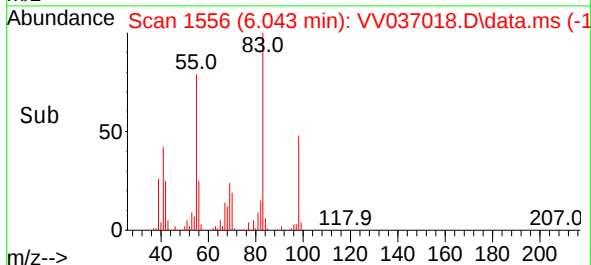
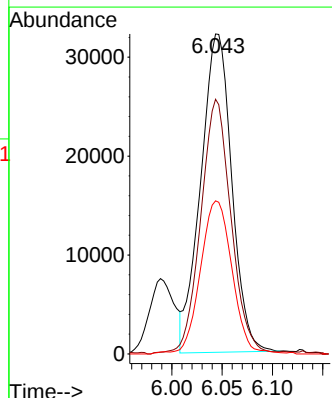
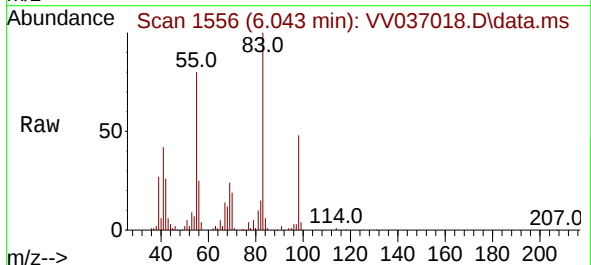
Tgt Ion: 83 Resp: 69213

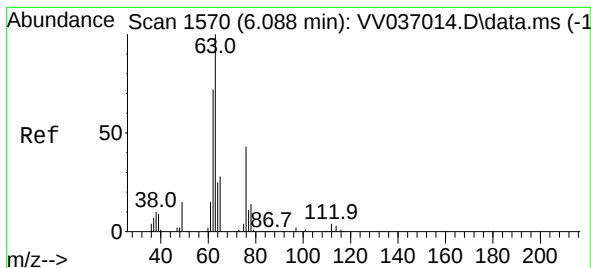
Ion Ratio Lower Upper

83 100

55 78.2 61.2 91.8

98 48.7 39.3 58.9





#37

1,2-Dichloropropane

Concen: 8.375 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV037018.D

Acq: 26 Aug 2024 11:21

Instrument :

MSVOA_V

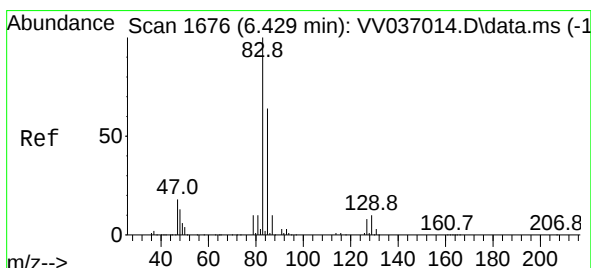
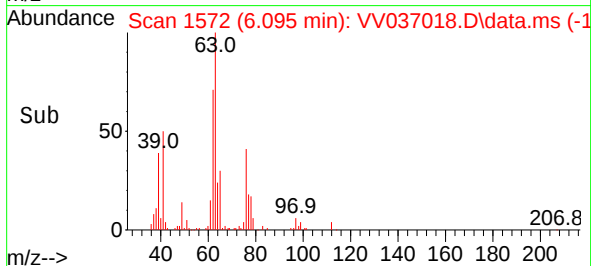
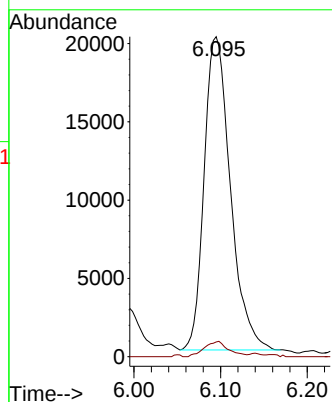
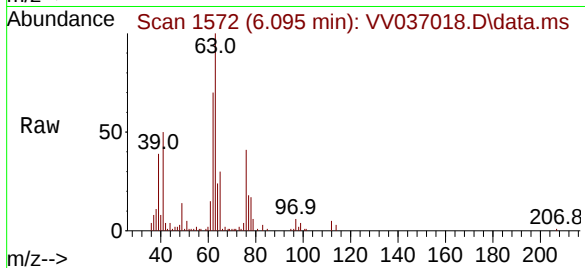
ClientSampleId :

Tgt Ion: 63 Resp: 42147

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 8.324 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.003 min

Lab File: VV037018.D

Acq: 26 Aug 2024 11:21

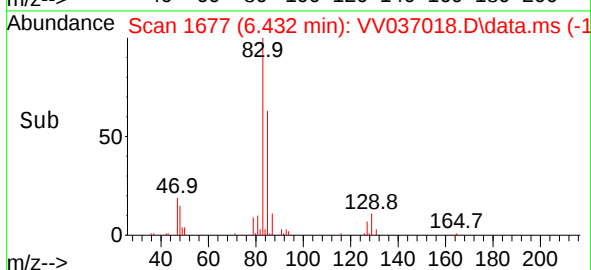
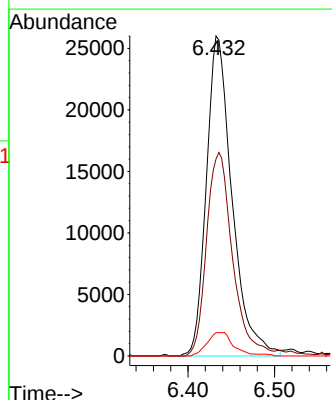
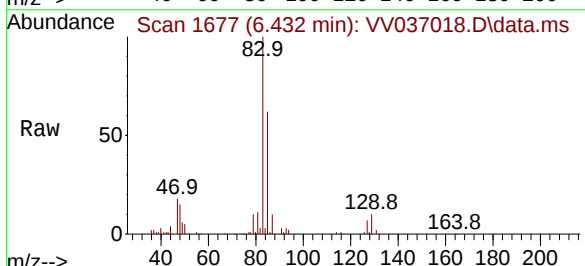
Tgt Ion: 83 Resp: 53629

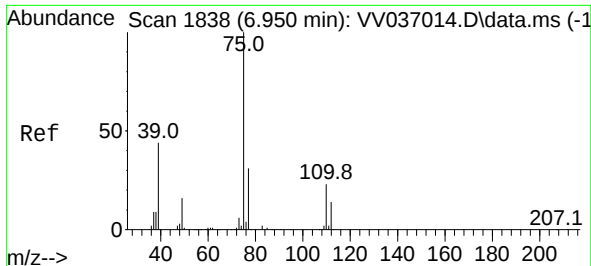
Ion Ratio Lower Upper

83 100

85 61.6 44.5 82.7

127 7.3 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 7.653 ug/L

RT: 6.956 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV037018.D

Acq: 26 Aug 2024 11:21

Instrument :

MSVOA_V

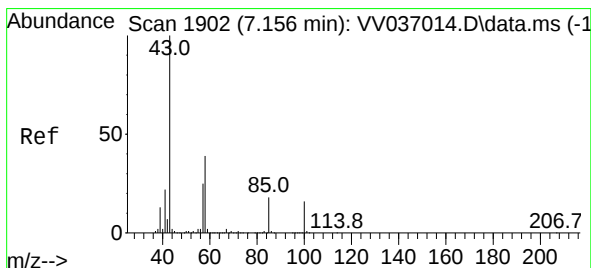
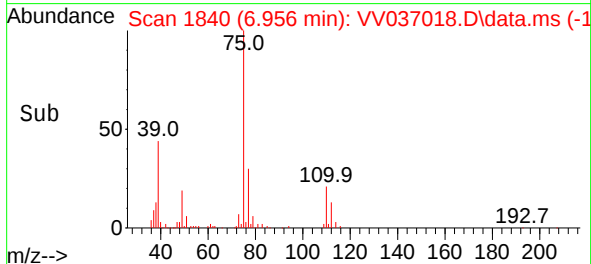
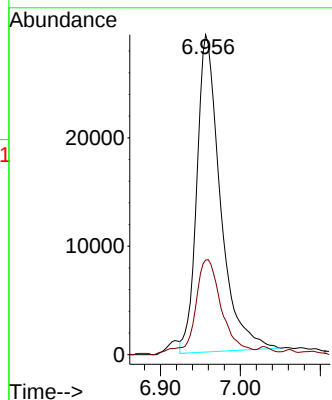
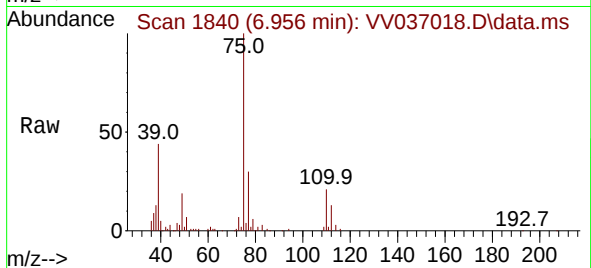
ClientSampleId :

Tgt Ion: 75 Resp: 59909

Ion Ratio Lower Upper

75 100

77 29.6 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 16.378 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. 0.010 min

Lab File: VV037018.D

Acq: 26 Aug 2024 11:21

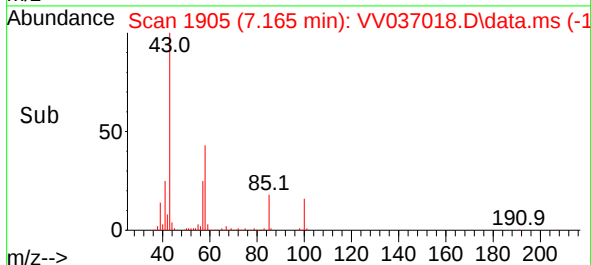
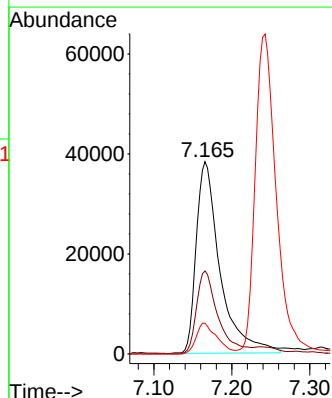
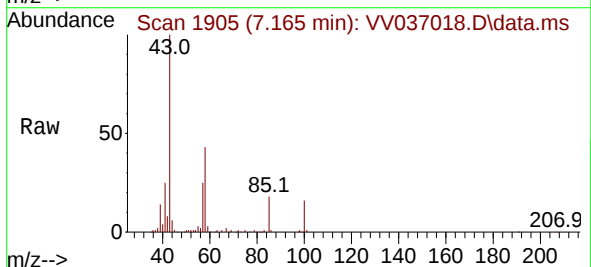
Tgt Ion: 43 Resp: 81323

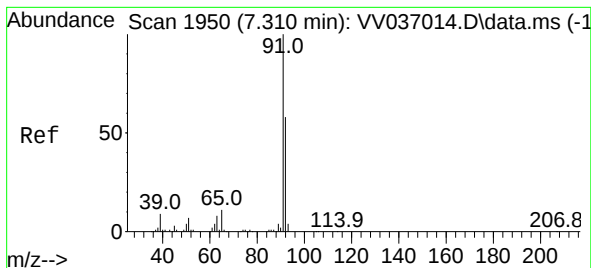
Ion Ratio Lower Upper

43 100

58 39.7 32.0 48.0

100 14.1 12.4 18.6





#42

Toluene

Concen: 8.413 ug/L

RT: 7.313 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV037018.D

Acq: 26 Aug 2024 11:21

Instrument :

MSVOA_V

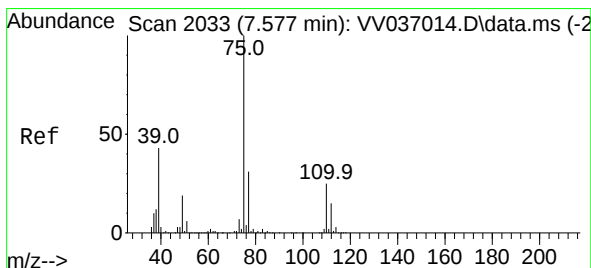
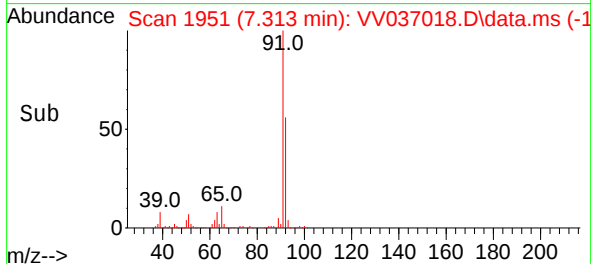
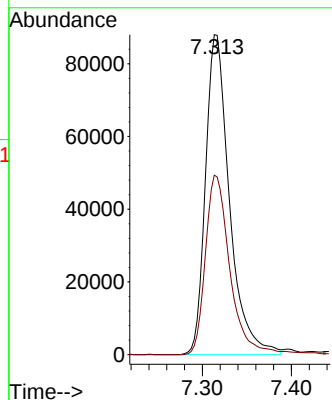
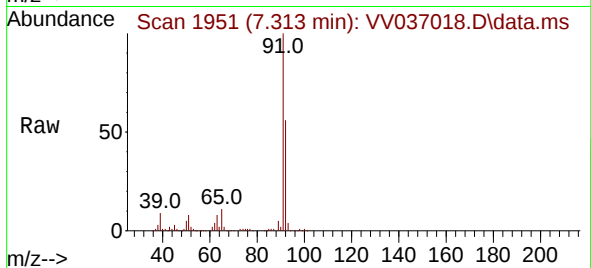
ClientSampleId :

Tgt Ion: 91 Resp: 164235

Ion Ratio Lower Upper

91 100

92 56.1 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 7.651 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.010 min

Lab File: VV037018.D

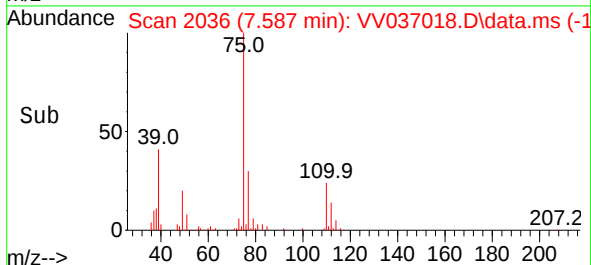
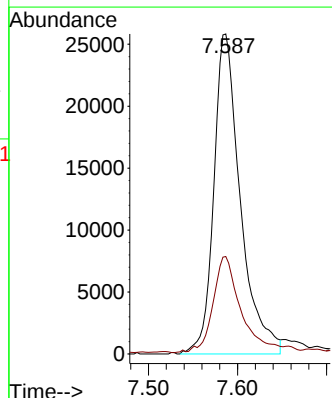
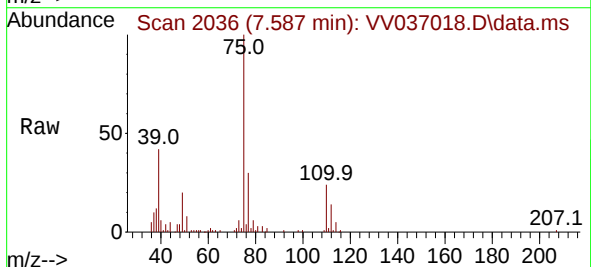
Acq: 26 Aug 2024 11:21

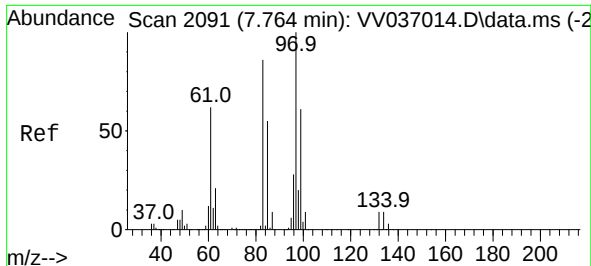
Tgt Ion: 75 Resp: 53539

Ion Ratio Lower Upper

75 100

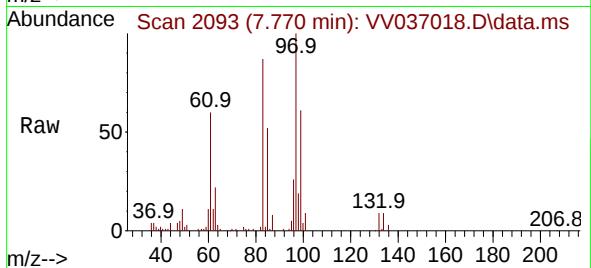
77 30.5 22.0 40.8



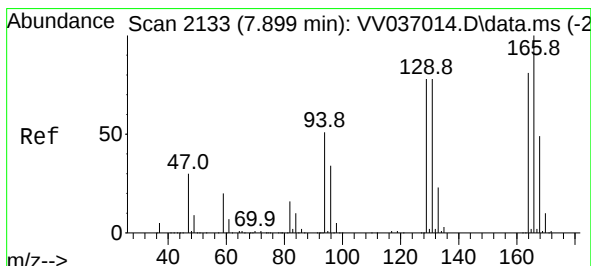
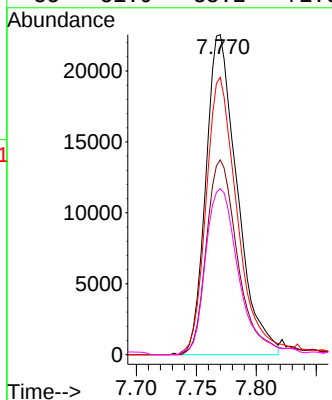
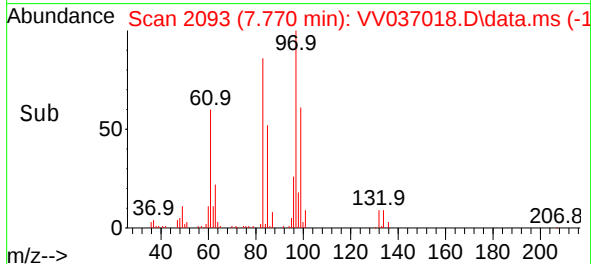


#45
1,1,2-Trichloroethane
Concen: 8.742 ug/L
RT: 7.770 min Scan# 2091
Delta R.T. 0.006 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

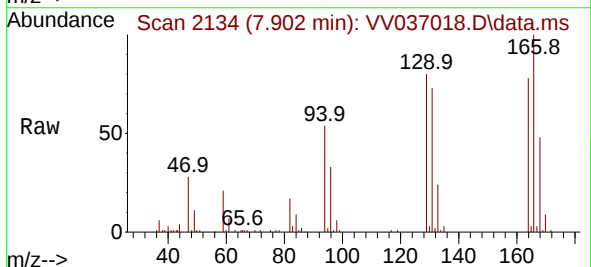
Instrument :
MSVOA_V
ClientSampleId :



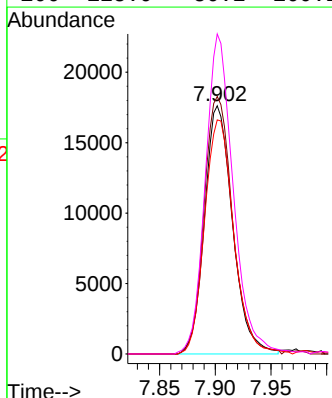
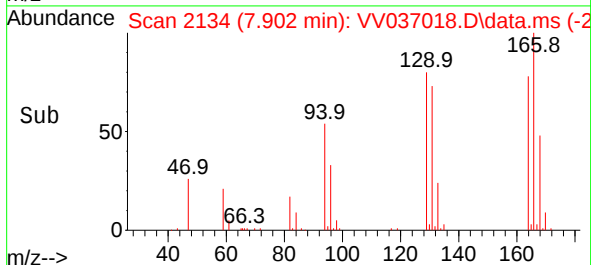
Tgt Ion:	97	Resp:	40906
Ion	Ratio	Lower	Upper
97	100		
99	60.9	42.6	79.0
83	86.7	60.5	112.3
85	51.9	38.2	71.0

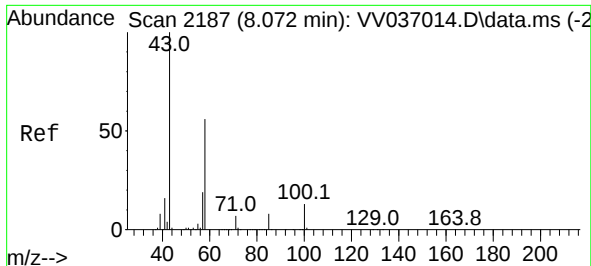


#46
Tetrachloroethene
Concen: 8.706 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21



Tgt Ion:	164	Resp:	30916
Ion	Ratio	Lower	Upper
164	100		
129	103.7	67.1	124.7
131	94.3	67.0	124.4
166	128.9	86.2	160.2

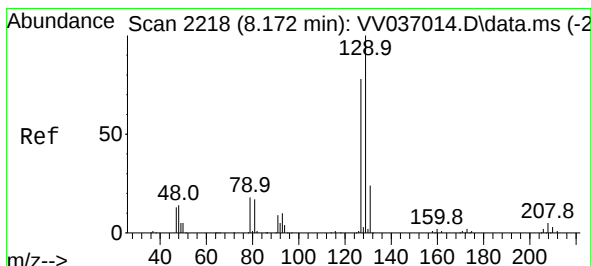
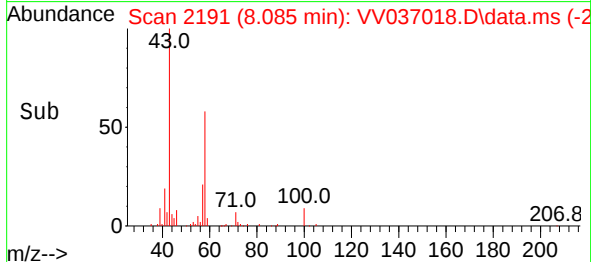
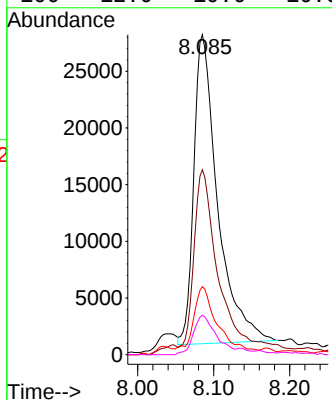
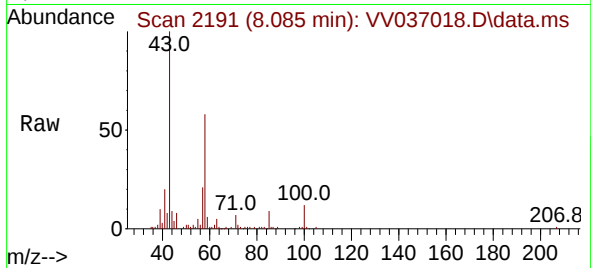




#48
2-Hexanone
Concen: 15.465 ug/L
RT: 8.085 min Scan# 2187
Delta R.T. 0.013 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

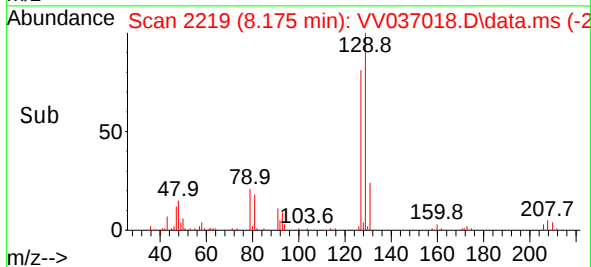
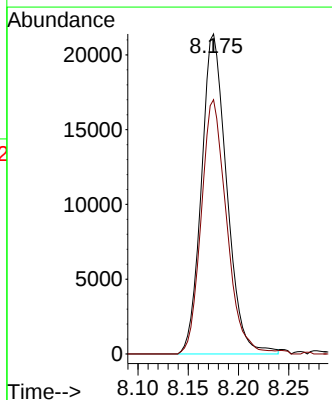
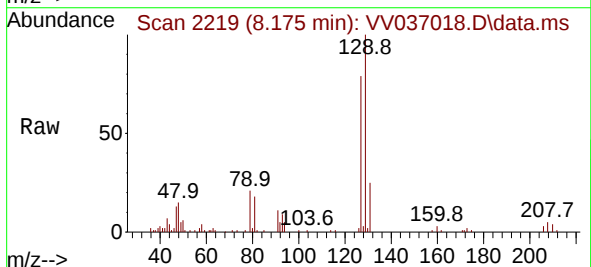
Instrument :
MSVOA_V
ClientSampleId :

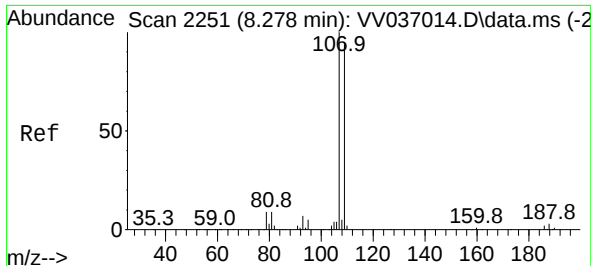
Tgt Ion:	43	Resp:	59318
Ion	Ratio	Lower	Upper
43	100		
58	60.1	46.0	69.0
57	16.5	15.6	23.4
100	12.0	10.6	16.0



#49
Dibromochloromethane
Concen: 8.010 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

Tgt Ion:	129	Resp:	37533
Ion	Ratio	Lower	Upper
129	100		
127	79.4	54.7	101.7

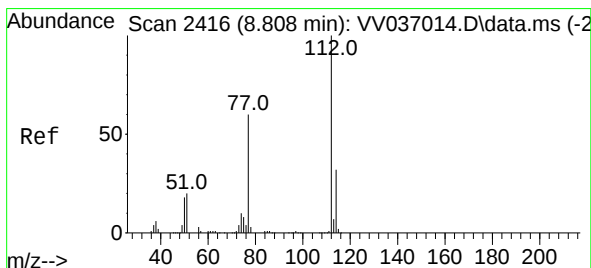
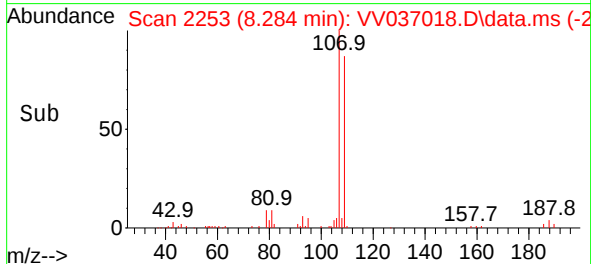
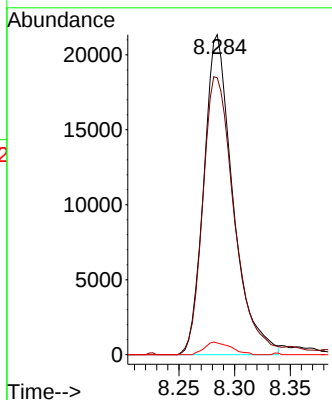
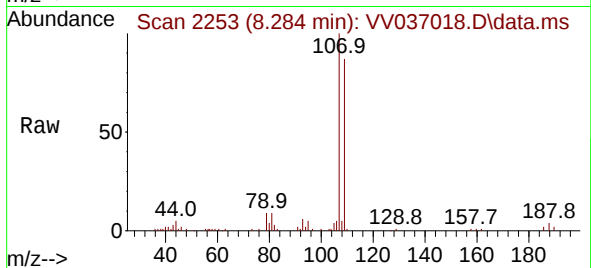




#50
1,2-Dibromoethane
Concen: 8.188 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

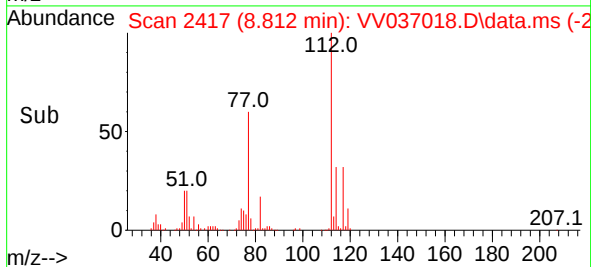
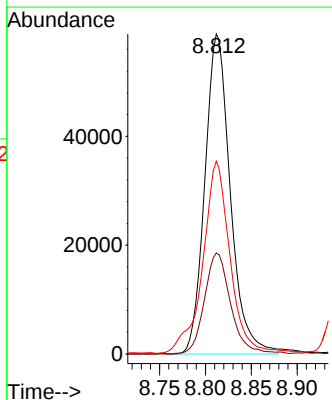
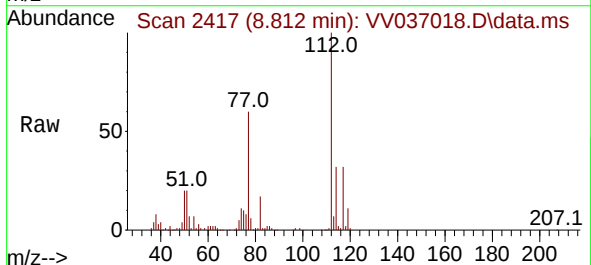
Instrument :
MSVOA_V
ClientSampleId :

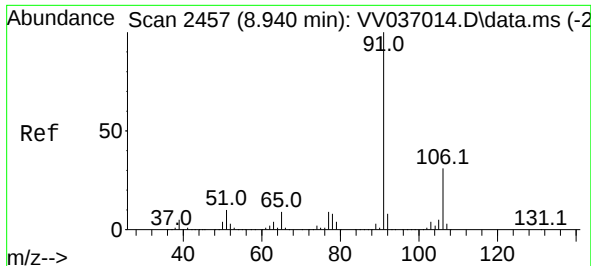
Tgt Ion:107 Resp: 38773
Ion Ratio Lower Upper
107 100
109 86.5 66.6 123.6
188 3.7 2.6 3.8



#51
Chlorobenzene
Concen: 8.799 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

Tgt Ion:112 Resp: 113725
Ion Ratio Lower Upper
112 100
114 31.6 22.3 41.5
77 60.3 47.8 71.8





#52

Ethylbenzene

Concen: 8.473 ug/L

RT: 8.944 min Scan# 2457

Delta R.T. 0.003 min

Lab File: VV037018.D

Acq: 26 Aug 2024 11:21

Instrument :

MSVOA_V

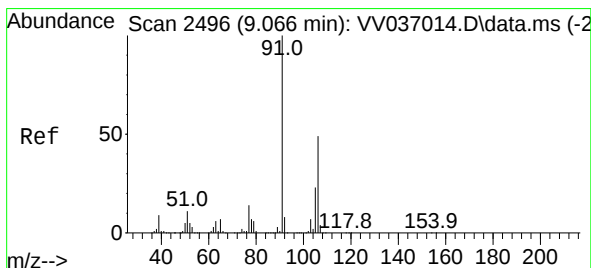
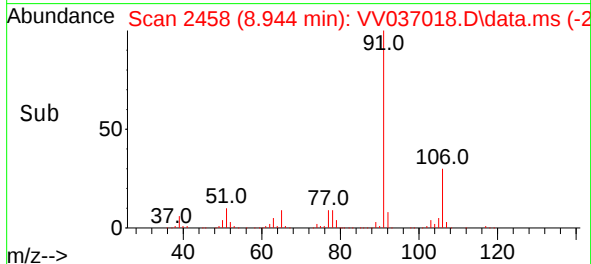
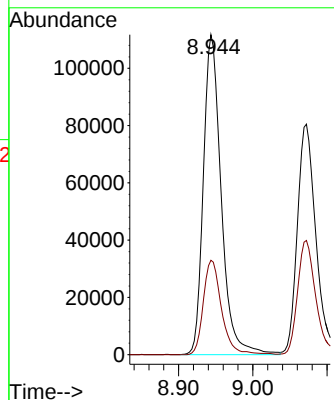
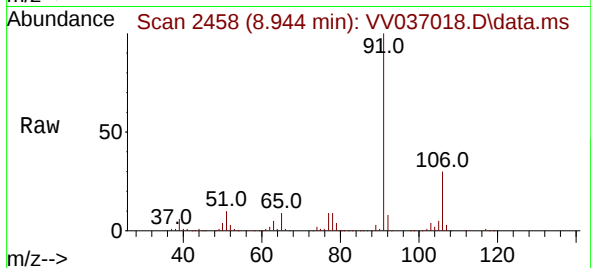
ClientSampleId :

Tgt Ion: 91 Resp: 186846

Ion Ratio Lower Upper

91 100

106 29.5 21.4 39.8



#53

m,p-Xylene

Concen: 8.350 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.006 min

Lab File: VV037018.D

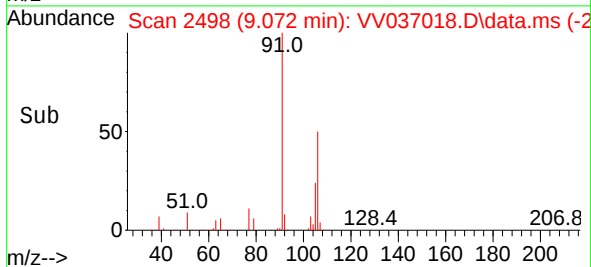
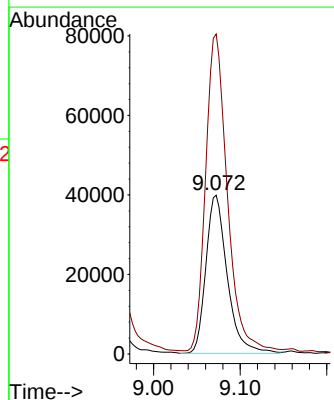
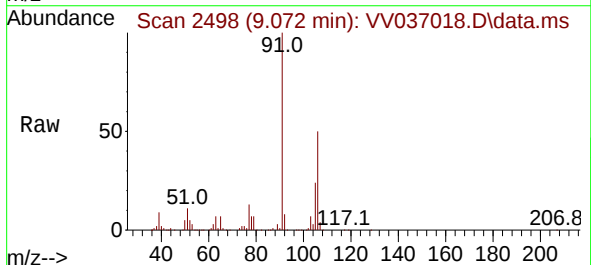
Acq: 26 Aug 2024 11:21

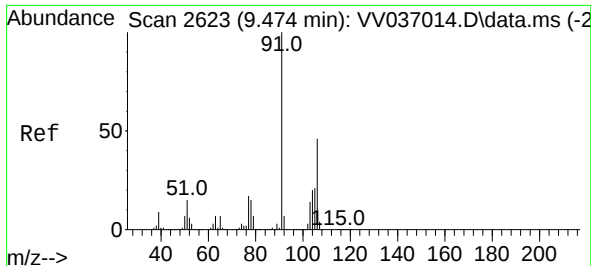
Tgt Ion:106 Resp: 68219

Ion Ratio Lower Upper

106 100

91 201.6 143.0 265.6

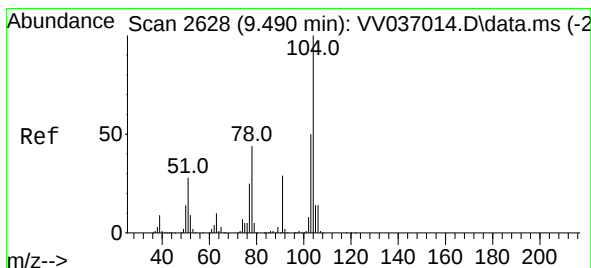
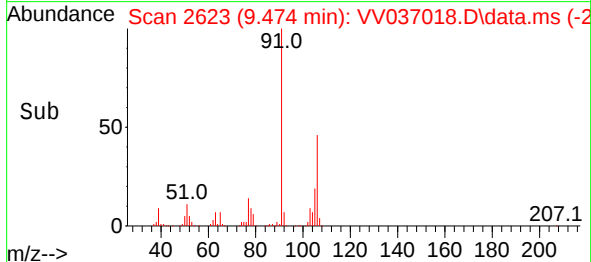
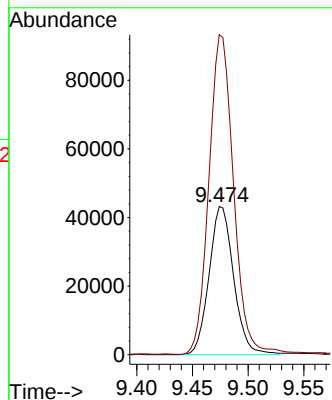
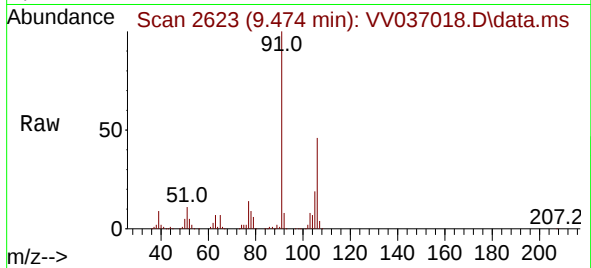




#54
o-Xylene
Concen: 8.295 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

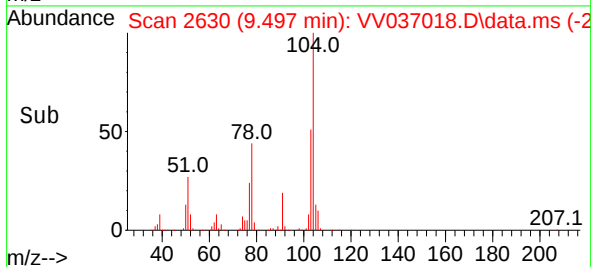
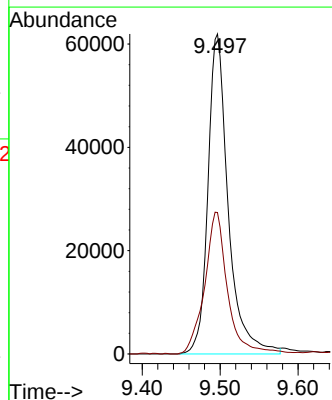
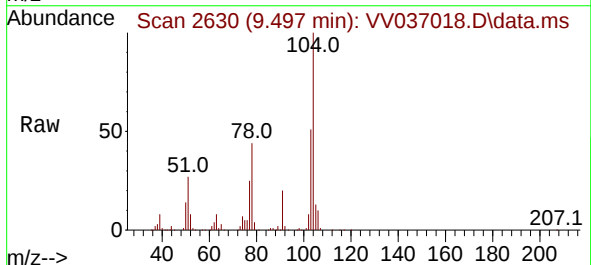
Instrument :
MSVOA_V
ClientSampleId :

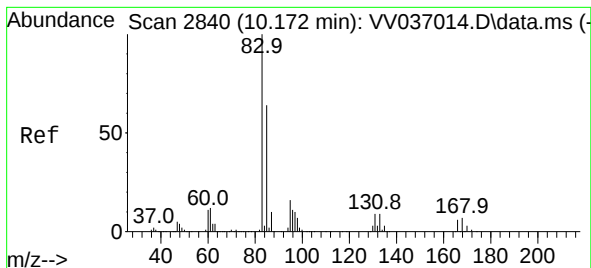
Tgt Ion:106 Resp: 66358
Ion Ratio Lower Upper
106 100
91 215.9 153.2 284.6



#55
Styrene
Concen: 8.131 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.006 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

Tgt Ion:104 Resp: 112158
Ion Ratio Lower Upper
104 100
78 44.2 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 8.738 ug/L

RT: 10.175 min Scan# 2840

Delta R.T. 0.003 min

Lab File: VV037018.D

Acq: 26 Aug 2024 11:21

Instrument :

MSVOA_V

ClientSampleId :

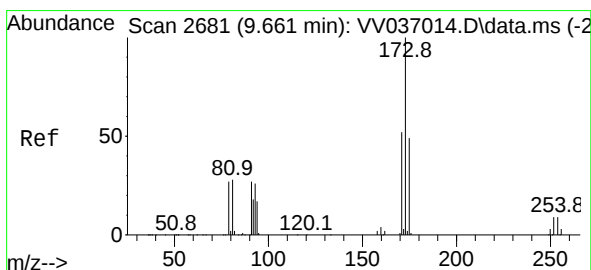
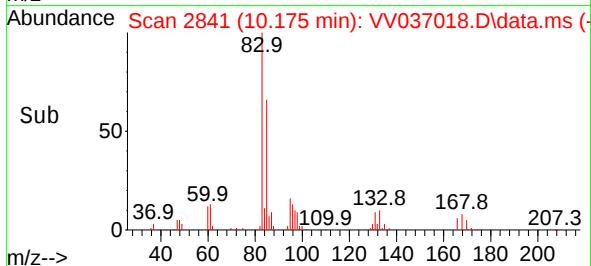
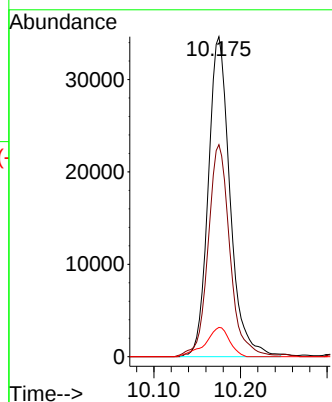
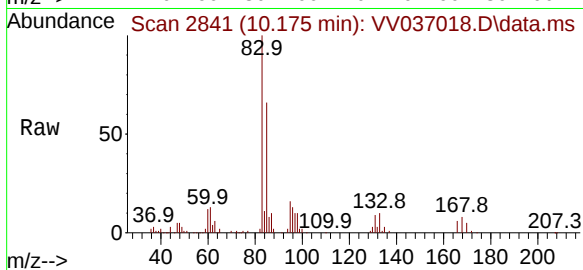
Tgt Ion: 83 Resp: 60559

Ion Ratio Lower Upper

83 100

85 66.3 45.1 83.7

131 9.1 7.4 11.0



#59

Bromoform

Concen: 7.836 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.000 min

Lab File: VV037018.D

Acq: 26 Aug 2024 11:21

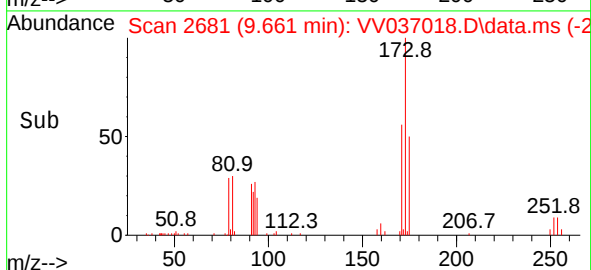
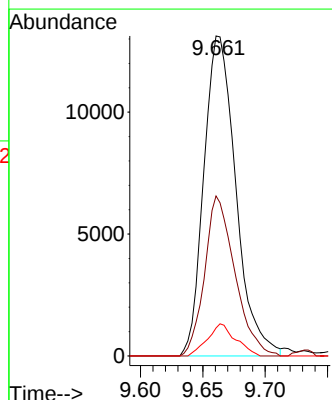
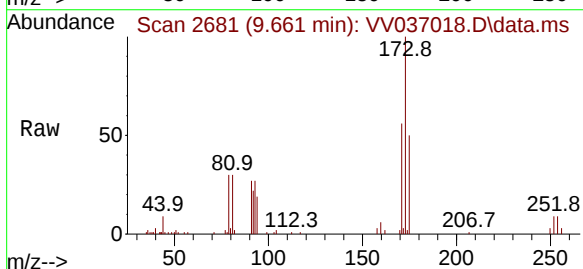
Tgt Ion: 173 Resp: 23492

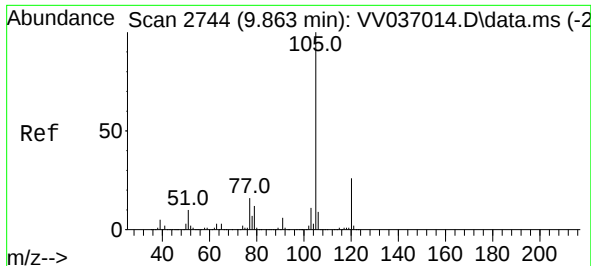
Ion Ratio Lower Upper

173 100

175 47.0 38.7 58.1

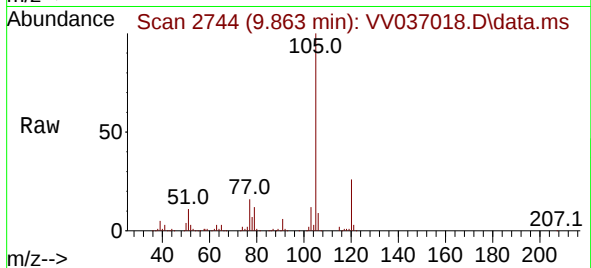
254 8.8 6.8 10.2



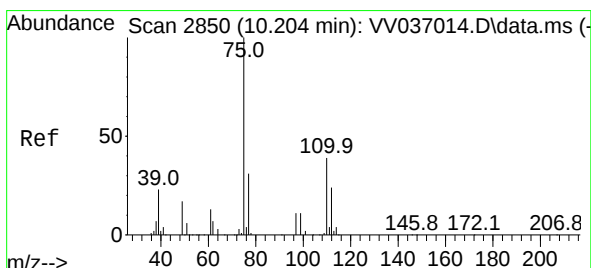
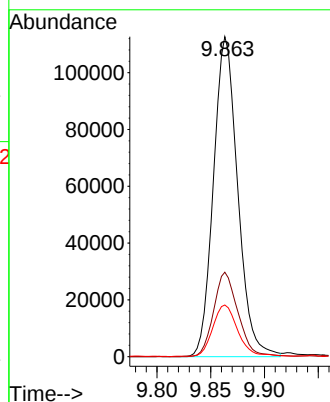
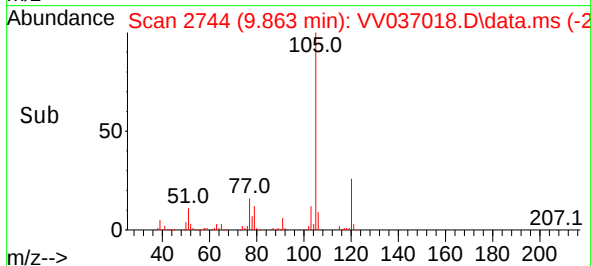


#60
Isopropylbenzene
Concen: 8.492 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

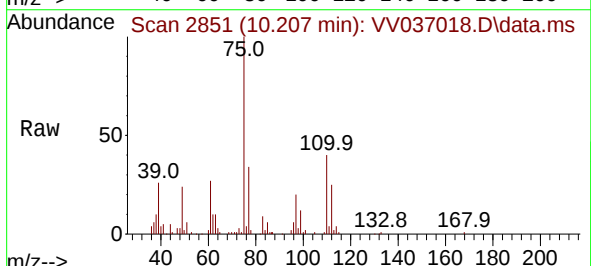
Instrument :
MSVOA_V
ClientSampleId :



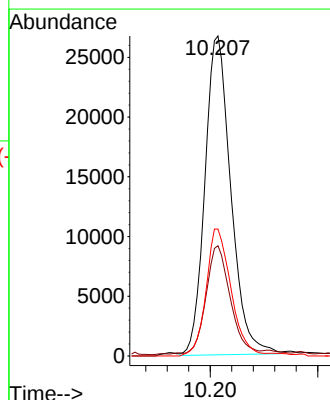
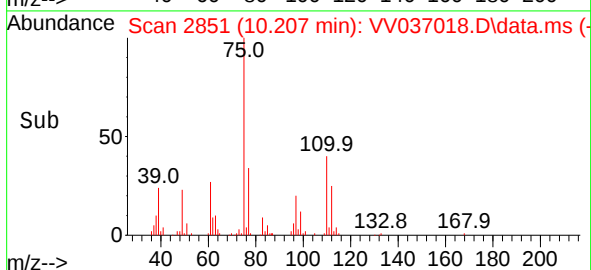
Tgt Ion:105 Resp: 177051
Ion Ratio Lower Upper
105 100
120 26.6 20.9 31.3
77 16.3 12.6 19.0

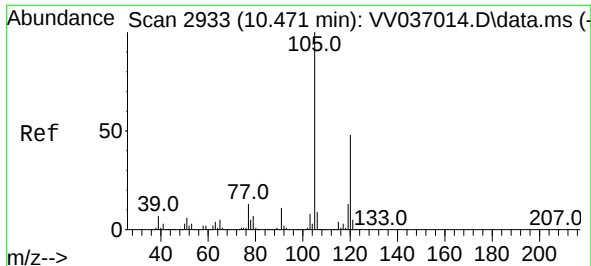


#61
1,2,3-Trichloropropane
Concen: 8.947 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21



Tgt Ion: 75 Resp: 44764
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
110 38.3 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 8.174 ug/L

RT: 10.474 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV037018.D

Acq: 26 Aug 2024 11:21

Instrument :

MSVOA_V

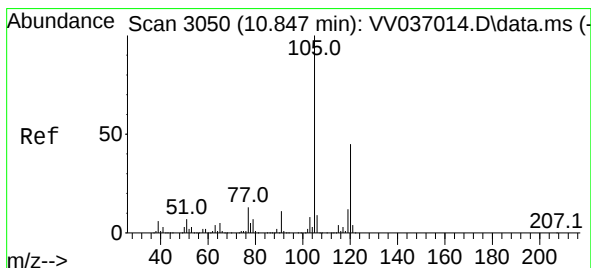
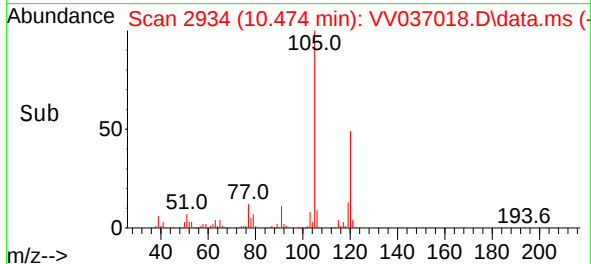
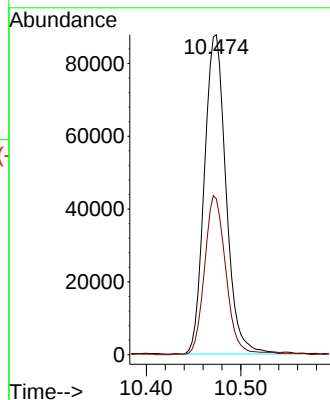
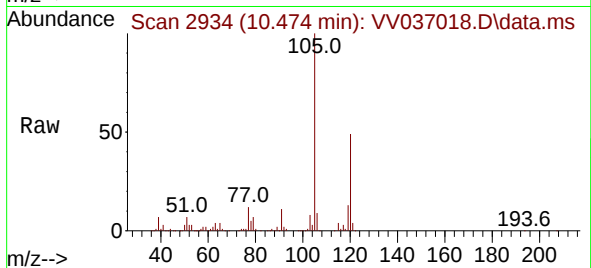
ClientSampleId :

Tgt Ion:105 Resp: 139443

Ion Ratio Lower Upper

105 100

120 48.3 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 8.332 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV037018.D

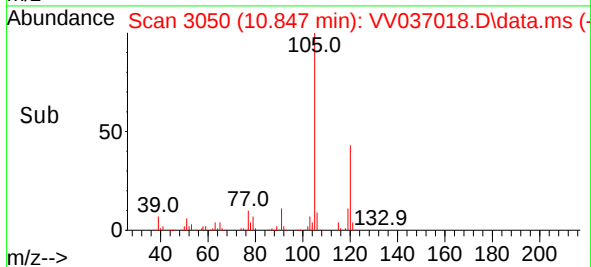
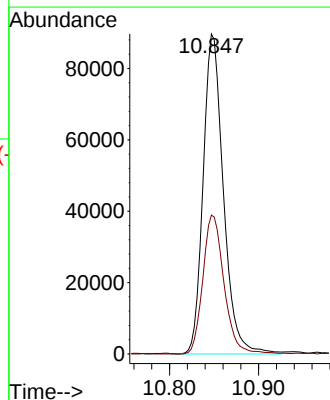
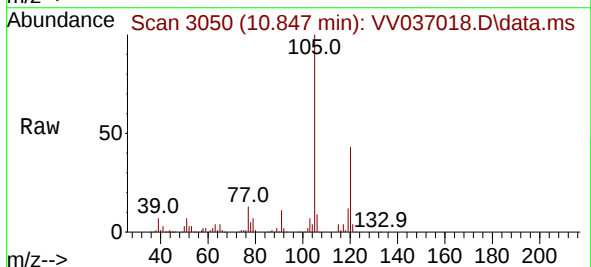
Acq: 26 Aug 2024 11:21

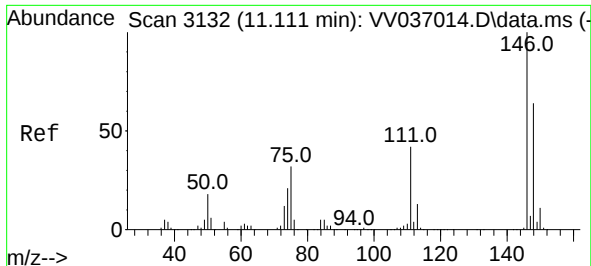
Tgt Ion:105 Resp: 141840

Ion Ratio Lower Upper

105 100

120 45.3 35.8 53.6

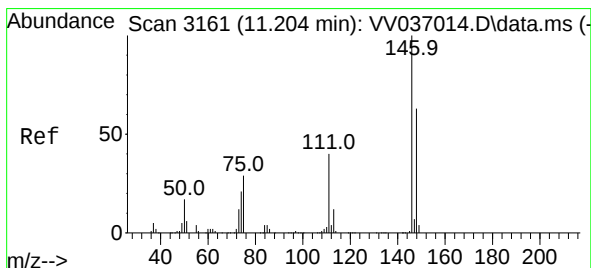
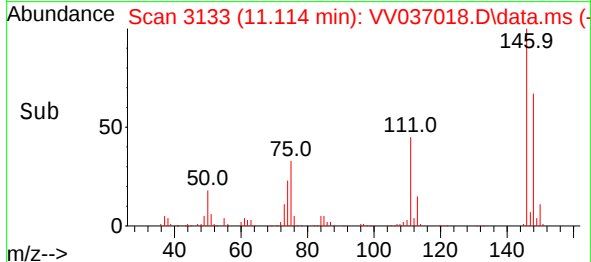
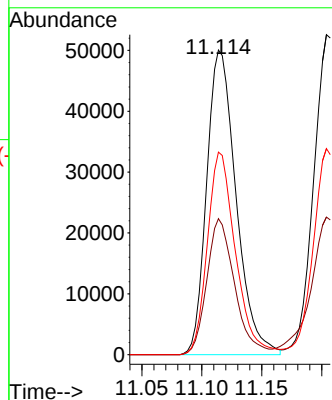
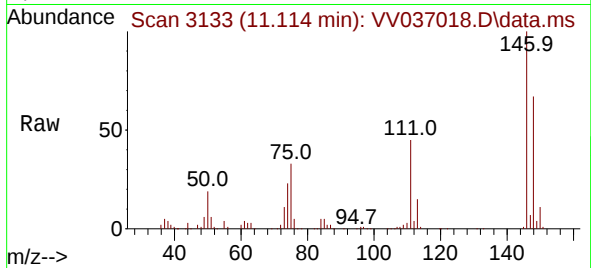




#64
1,3-Dichlorobenzene
Concen: 8.865 ug/L
RT: 11.114 min Scan# 3132
Delta R.T. 0.003 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

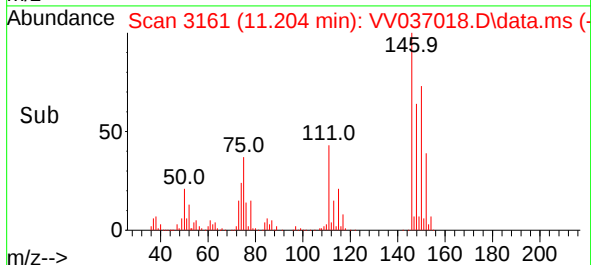
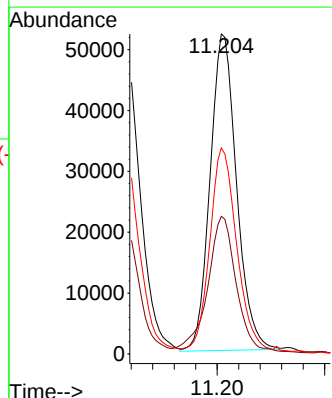
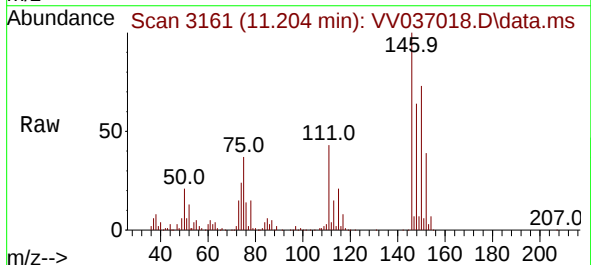
Instrument :
MSVOA_V
ClientSampleId :

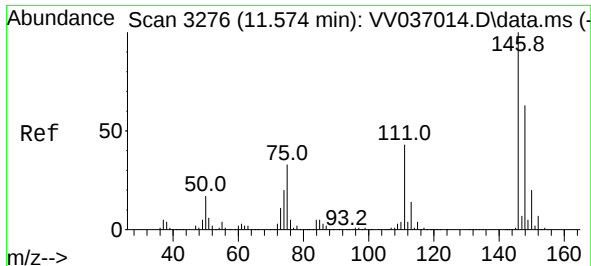
Tgt Ion:146 Resp: 85348
Ion Ratio Lower Upper
146 100
111 44.6 29.7 55.1
148 66.5 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 9.032 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.000 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

Tgt Ion:146 Resp: 89004
Ion Ratio Lower Upper
146 100
111 43.0 28.1 52.1
148 64.4 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 8.823 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV037018.D

Acq: 26 Aug 2024 11:21

Instrument :

MSVOA_V

ClientSampleId :

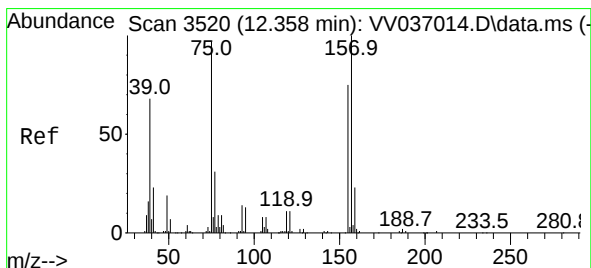
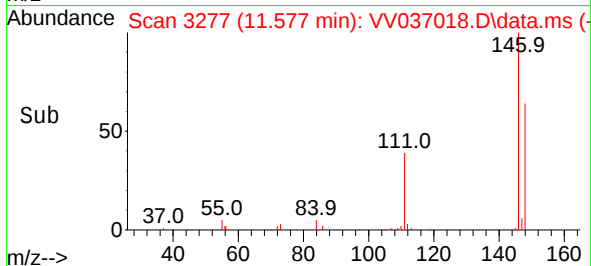
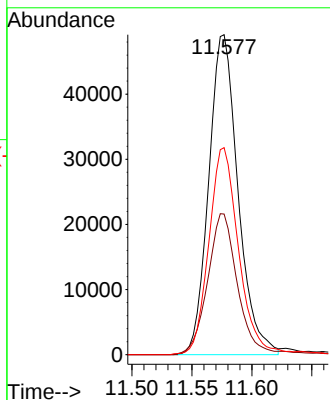
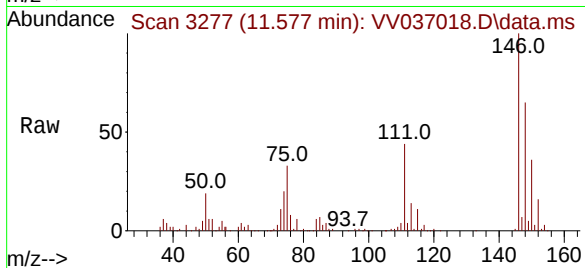
Tgt Ion:146 Resp: 83521

Ion Ratio Lower Upper

146 100

111 43.9 34.6 51.8

148 64.7 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 8.370 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.003 min

Lab File: VV037018.D

Acq: 26 Aug 2024 11:21

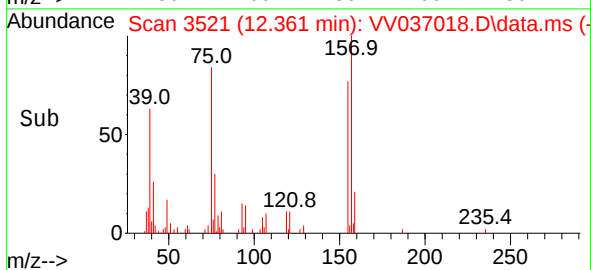
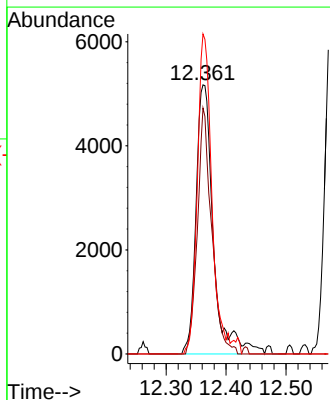
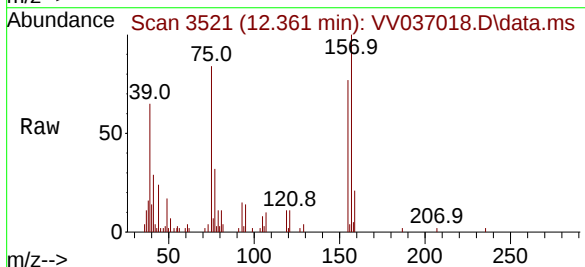
Tgt Ion: 75 Resp: 10443

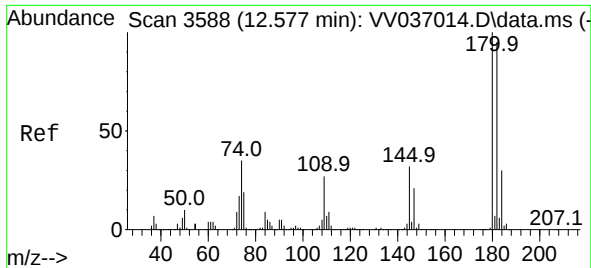
Ion Ratio Lower Upper

75 100

155 91.4 61.8 92.6

157 118.9 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 8.920 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.003 min

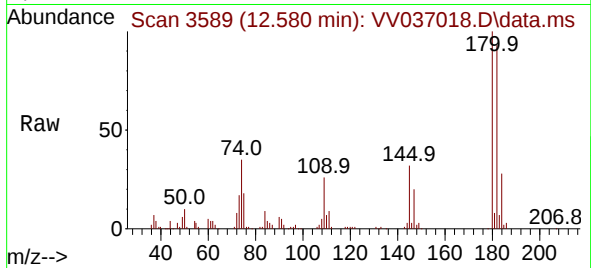
Lab File: VV037018.D

Acq: 26 Aug 2024 11:21

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 59757

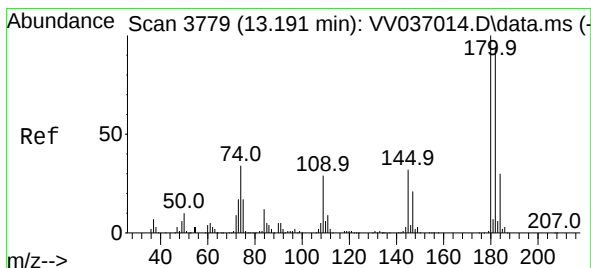
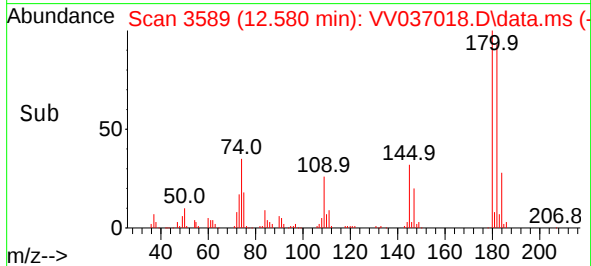
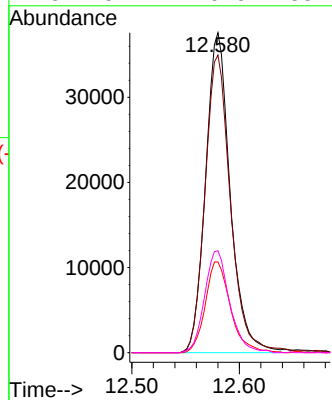
Ion Ratio Lower Upper

180 100

182 96.3 76.7 115.1

184 29.1 24.2 36.2

145 32.2 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 8.850 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV037018.D

Acq: 26 Aug 2024 11:21

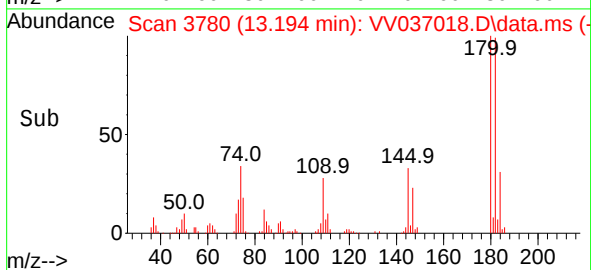
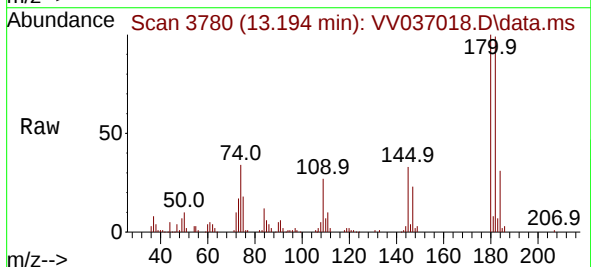
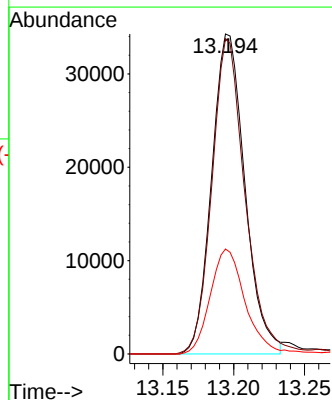
Tgt Ion:180 Resp: 55828

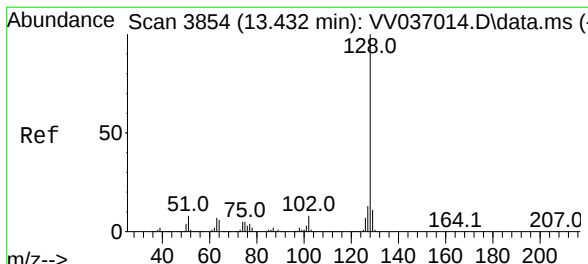
Ion Ratio Lower Upper

180 100

182 98.3 75.7 113.5

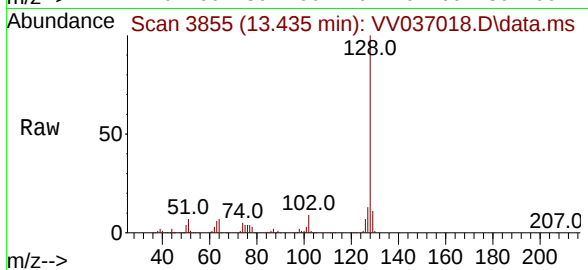
145 34.3 26.0 39.0



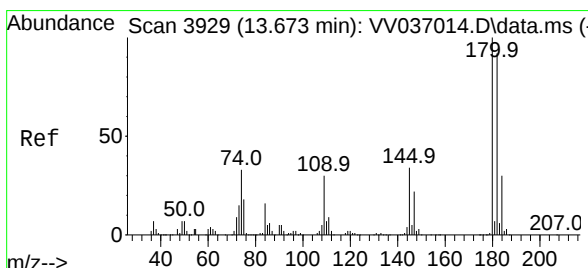
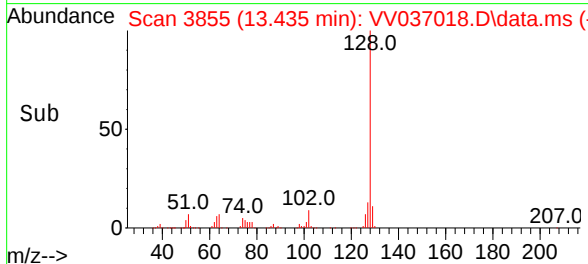
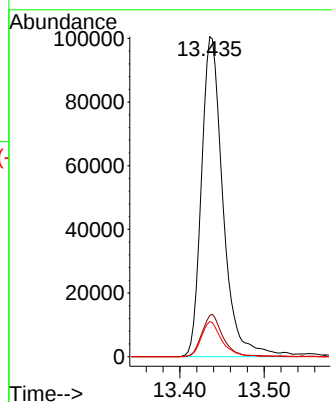


#71
Naphthalene
Concen: 9.793 ug/L
RT: 13.435 min Scan# 3854
Delta R.T. 0.003 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 178386
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.3 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 9.098 ug/L
RT: 13.676 min Scan# 3930
Delta R.T. 0.003 min
Lab File: VV037018.D
Acq: 26 Aug 2024 11:21

Tgt Ion:180 Resp: 56560
Ion Ratio Lower Upper
180 100
182 98.9 75.1 112.7
145 34.6 27.0 40.4

