

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091024\
 Data File : VV037240.D
 Acq On : 10 Sep 2024 09:31
 Operator : SY/MD
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 11 04:36:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 04:34:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	321897	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	320780	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	156886	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	17947	0.950	ug/L	0.00
7) Chloroethane-d5	1.529	69	18298	0.929	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	9250	0.948	ug/L	0.00
20) 2-Butanone-d5	3.870	46	20992	4.096	ug/L	0.05
24) Chloroform-d	4.249	84	43598	0.951	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	19993	0.931	ug/L	0.02
32) Benzene-d6	4.963	84	78592	0.914	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	24302	0.871	ug/L	0.00
41) Toluene-d8	7.243	98	68530	0.884	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.567	79	7383	0.839	ug/L	0.01
46) 2-Hexanone-d5	8.040	63	32191	7.796	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.149	84	20012	0.918	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	27006	0.968	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	29653	0.992	ug/L	100
3) Chloromethane	1.214	50	32044	1.004	ug/L	100
5) Vinyl chloride	1.282	62	31366	1.000	ug/L	98
6) Bromomethane	1.487	94	18535	0.985	ug/L	98
8) Chloroethane	1.548	64	19435	1.031	ug/L	97
9) Trichlorofluoromethane	1.709	101	38386	0.984	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	23372	0.989	ug/L	97
12) 1,1-Dichloroethene	2.066	96	22941	1.017	ug/L	94
13) Acetone	2.143	43	40861	10.869	ug/L	96
14) Carbon disulfide	2.236	76	68860	0.968	ug/L	99
15) Methyl Acetate	2.400	43	8367	0.944	ug/L #	83
16) Methylene chloride	2.445	84	26603	1.026	ug/L	97
17) Methyl tert-butyl Ether	2.703	73	50848	0.948	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	23367	0.985	ug/L	99
19) 1,1-Dichloroethane	3.108	63	45126	0.996	ug/L	98
21) 2-Butanone	3.931	43	14473	2.611	ug/L	100
22) cis-1,2-Dichloroethene	3.822	96	24421	0.952	ug/L	88
23) Bromochloromethane	4.162	128	11078	0.997	ug/L	91
25) Chloroform	4.278	83	46236	1.013	ug/L	100
27) 1,2-Dichloroethane	5.053	62	24270	0.939	ug/L	96
29) 1,1,1-Trichloroethane	4.503	97	37554	0.987	ug/L	96
30) Cyclohexane	4.574	56	34430	0.933	ug/L	97
31) Carbon tetrachloride	4.732	117	31320	0.967	ug/L	98
33) Benzene	5.008	78	95542	0.988	ug/L	100
34) Trichloroethene	5.838	95	24833	0.953	ug/L	97
35) Methylcyclohexane	6.047	83	37373	0.944	ug/L	99
37) 1,2-Dichloropropane	6.095	63	21989	0.924	ug/L	98
38) Bromodichloromethane	6.439	83	29596	0.961	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	31815	0.914	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	130007	9.306	ug/L	98
42) Toluene	7.317	91	97328	0.968	ug/L	98
44) trans-1,3-Dichloropropene	7.593	75	25405	0.896	ug/L	98

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 ClientSampleId :

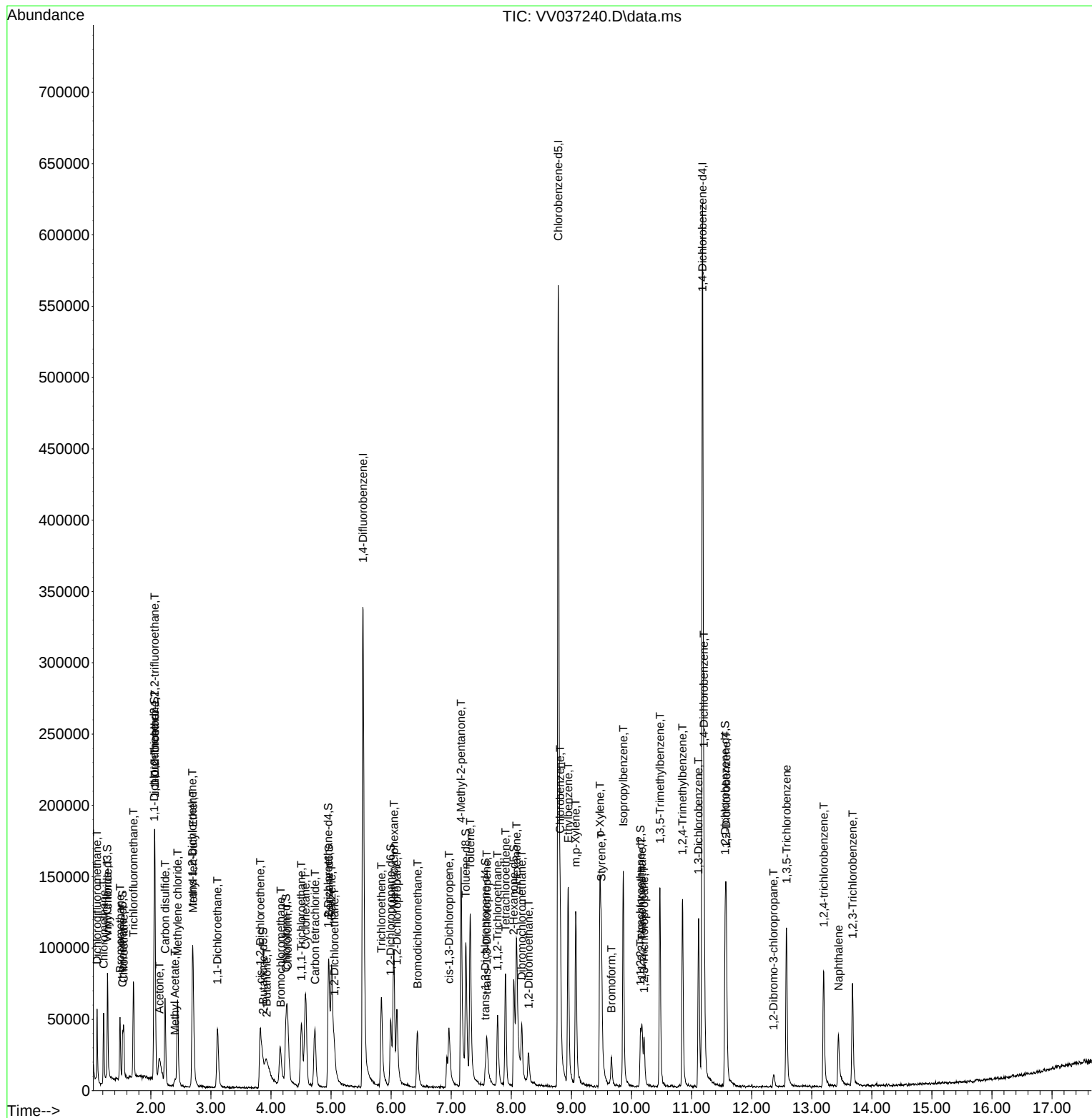
Quant Time: Sep 11 04:36:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 04:34:16 2024
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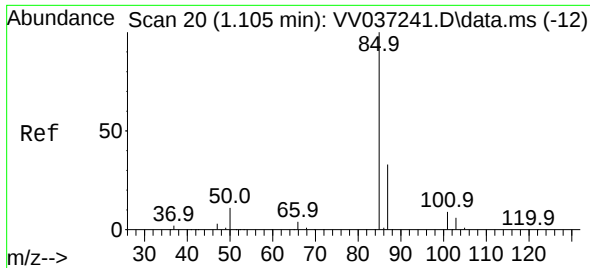
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.770	97	17087	0.971	ug/L	93
47) Tetrachloroethene	7.905	164	18445	0.989	ug/L	90
48) 2-Hexanone	8.088	43	82966	8.621	ug/L	97
49) Dibromochloromethane	8.175	129	17405	0.944	ug/L	98
50) 1,2-Dibromoethane	8.288	107	15681	0.943	ug/L #	93
51) Chlorobenzene	8.812	112	66987	1.001	ug/L	95
52) Ethylbenzene	8.947	91	105406	0.939	ug/L	99
53) m,p-Xylene	9.072	106	38941	0.943	ug/L	98
54) o-Xylene	9.474	106	38288	0.937	ug/L	98
55) Styrene	9.500	104	60309	0.870	ug/L	88
57) 1,1,2,2-Tetrachloroethane	10.175	83	20271	0.953	ug/L #	89
59) Bromoform	9.667	173	8656	0.943	ug/L	99
60) Isopropylbenzene	9.863	105	99895	0.951	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	13901	0.974	ug/L #	92
62) 1,3,5-Trimethylbenzene	10.474	105	77525	0.931	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	75984	0.908	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	50084	1.009	ug/L	97
65) 1,4-Dichlorobenzene	11.204	146	51070	1.003	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	46516	1.011	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	2824	0.991	ug/L	87
69) 1,3,5-Trichlorobenzene	12.580	180	34446	0.973	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	26846	0.921	ug/L	98
71) Naphthalene	13.445	128	38876	0.873	ug/L	97
72) 1,2,3-Trichlorobenzene	13.680	180	22390	0.929	ug/L	100

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

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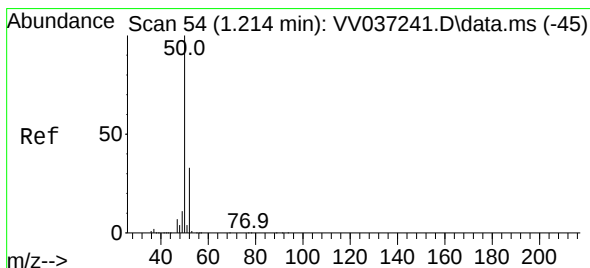
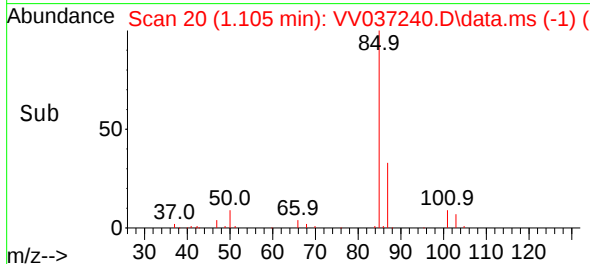
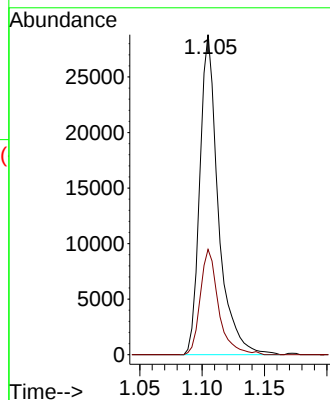
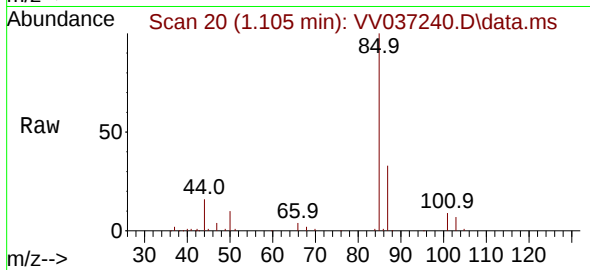




#2
 Dichlorodifluoromethane
 Concen: 0.992 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV037240.D
 Acq: 10 Sep 2024 09:31

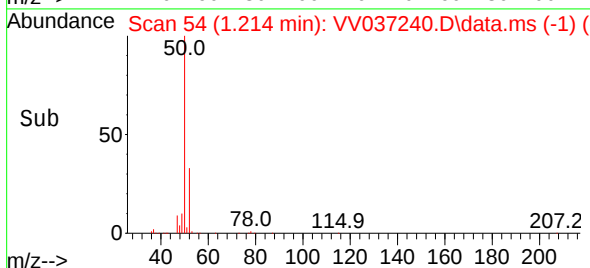
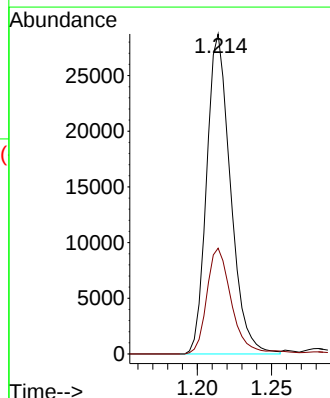
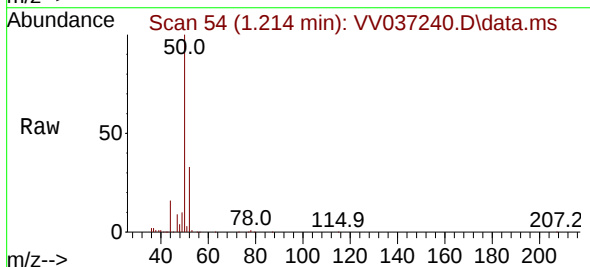
Instrument :
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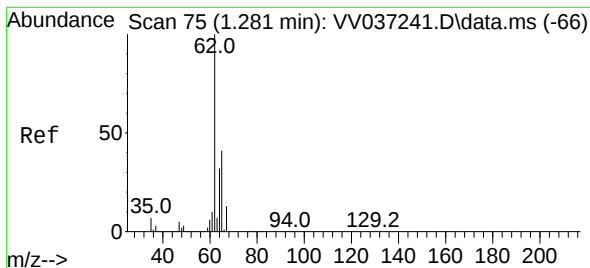
Tgt Ion: 85 Resp: 29653
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.8



#3
 Chloromethane
 Concen: 1.004 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV037240.D
 Acq: 10 Sep 2024 09:31

Tgt Ion: 50 Resp: 32044
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.3 43.3





#5

Vinyl chloride

Concen: 1.000 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV037240.D

Acq: 10 Sep 2024 09:31

Instrument :

MSVOA_V

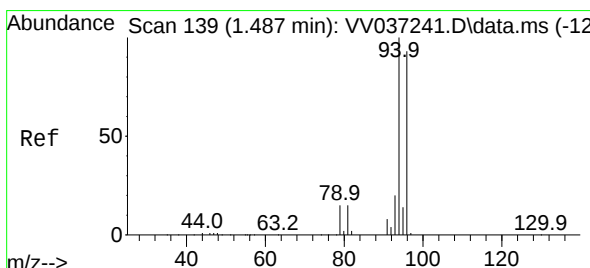
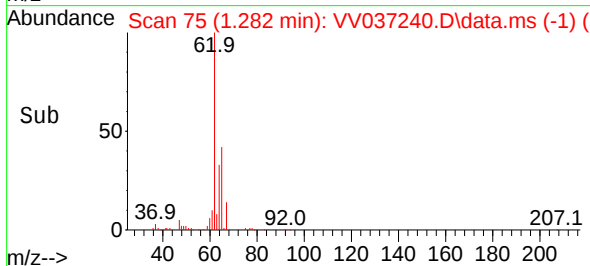
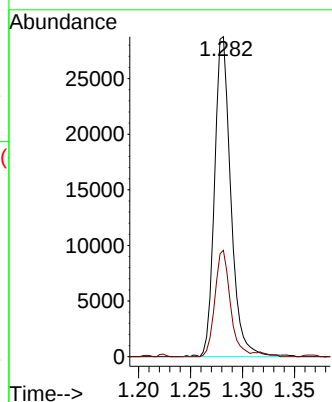
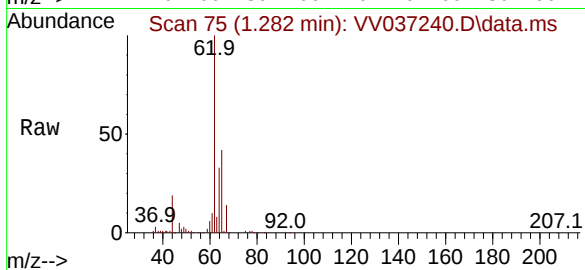
ClientSampleId :

Tgt Ion: 62 Resp: 31366

Ion Ratio Lower Upper

62 100

64 33.2 22.4 41.6



#6

Bromomethane

Concen: 0.985 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV037240.D

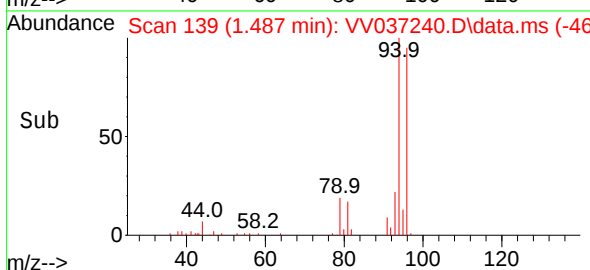
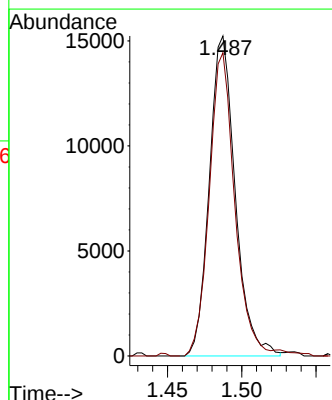
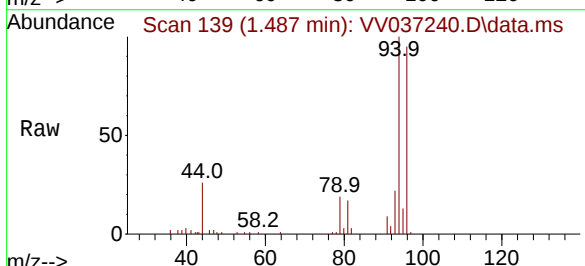
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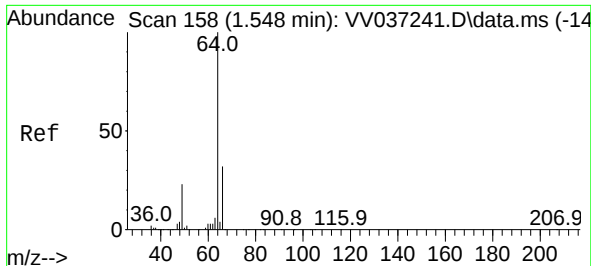
Tgt Ion: 94 Resp: 18535

Ion Ratio Lower Upper

94 100

96 94.7 65.3 121.3

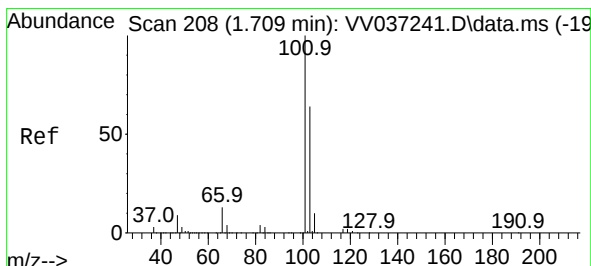
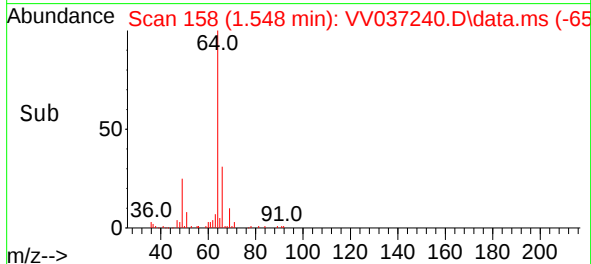
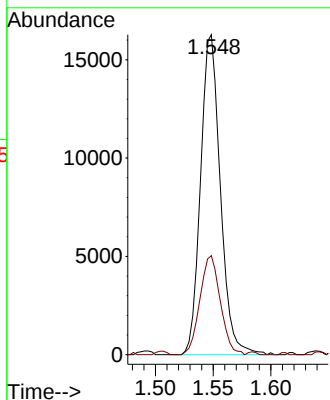
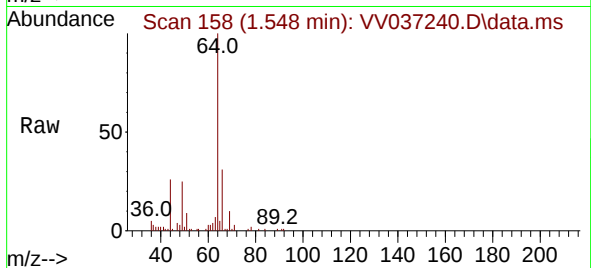




#8
Chloroethane
Concen: 1.031 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV037240.D
Acq: 10 Sep 2024 09:31

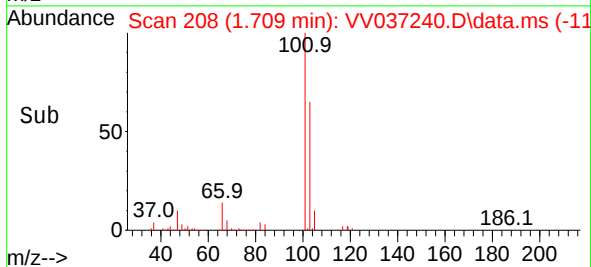
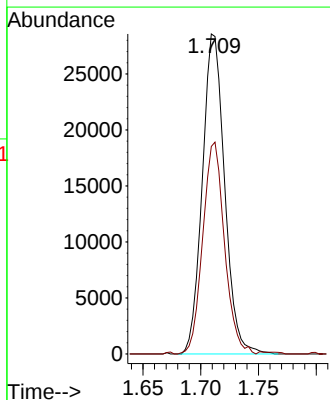
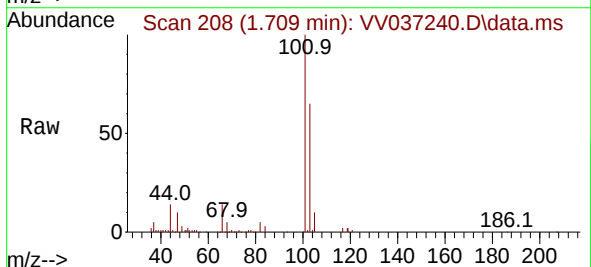
Instrument :
MSVOA_V
ClientSampleId :

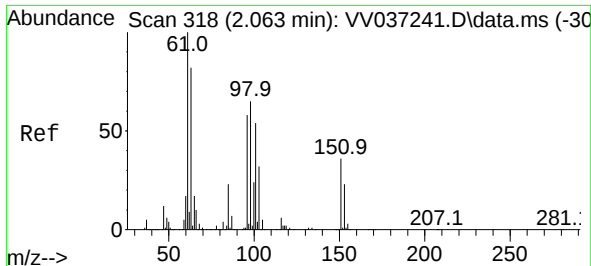
Tgt Ion: 64 Resp: 19435
Ion Ratio Lower Upper
64 100
66 30.9 22.7 42.1



#9
Trichlorofluoromethane
Concen: 0.984 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV037240.D
Acq: 10 Sep 2024 09:31

Tgt Ion:101 Resp: 38386
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

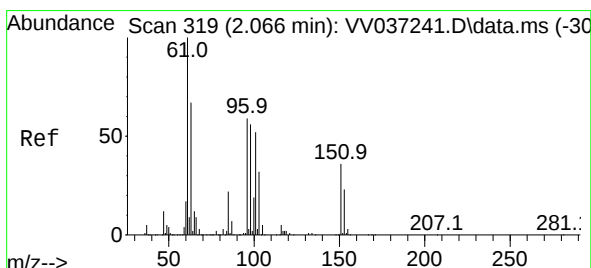
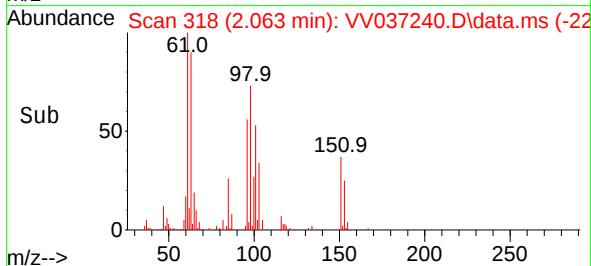
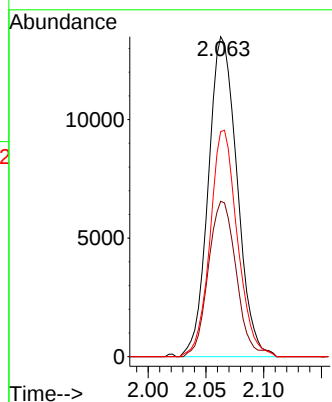
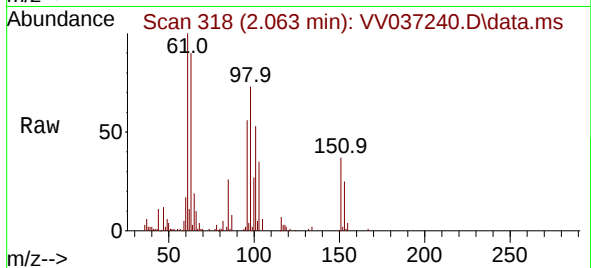




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.989 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV037240.D
Acq: 10 Sep 2024 09:31

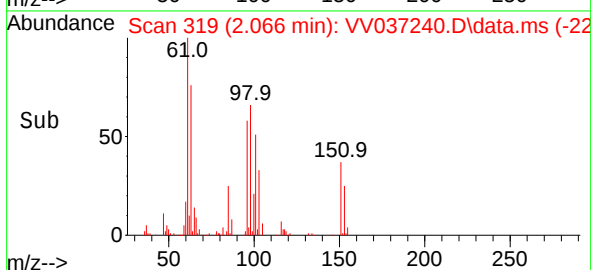
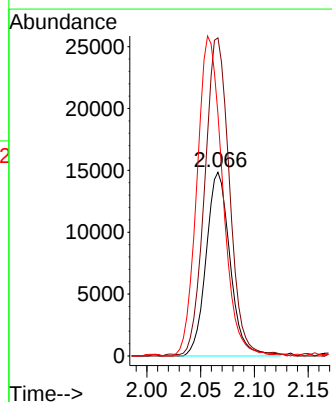
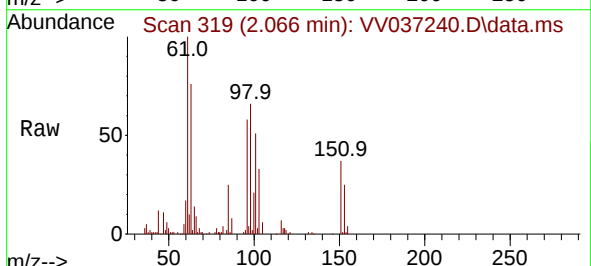
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ClientSampleId :

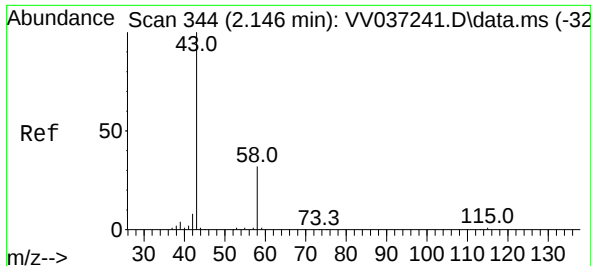
Tgt Ion: 101 Resp: 23372
Ion Ratio Lower Upper
101 100
85 47.3 35.1 52.7
151 67.4 55.3 82.9



#12
1,1-Dichloroethene
Concen: 1.017 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV037240.D
Acq: 10 Sep 2024 09:31

Tgt Ion: 96 Resp: 22941
Ion Ratio Lower Upper
96 100
61 173.2 119.9 222.7
63 131.6 81.4 151.2





#13

Acetone

Concen: 10.869 ug/L

RT: 2.143 min Scan# 344

Delta R.T. -0.003 min

Lab File: VV037240.D

Acq: 10 Sep 2024 09:31

Instrument :

MSVOA_V

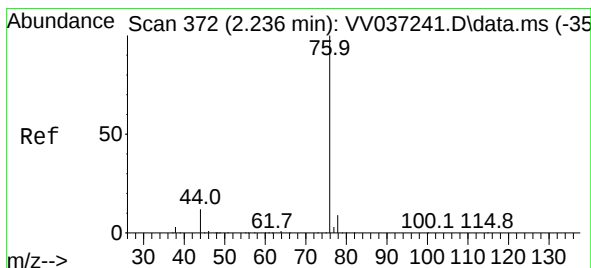
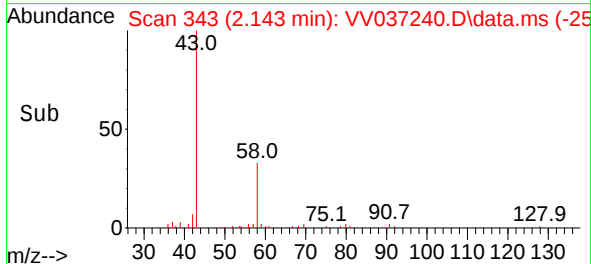
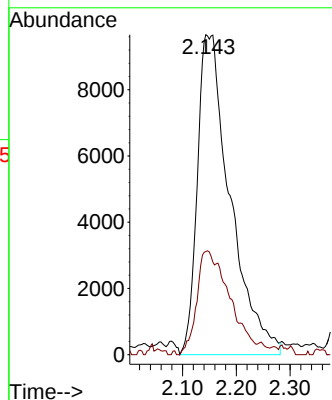
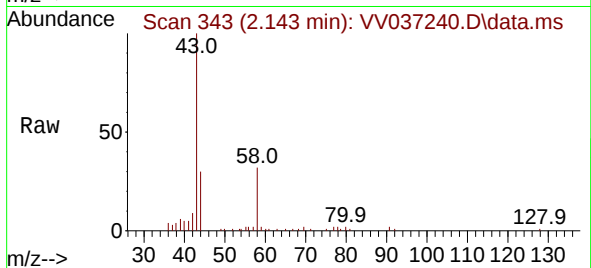
ClientSampleId :

Tgt Ion: 43 Resp: 40861

Ion Ratio Lower Upper

43 100

58 32.4 0.0 69.2



#14

Carbon disulfide

Concen: 0.968 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV037240.D

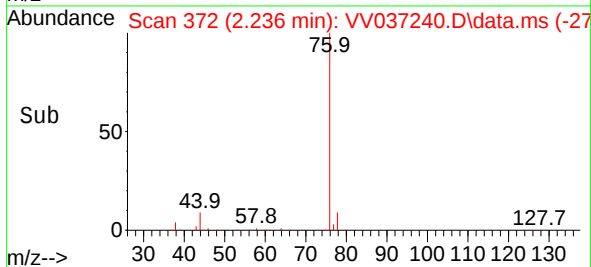
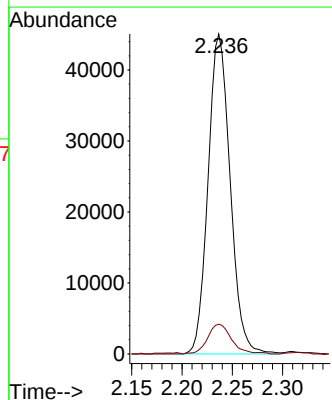
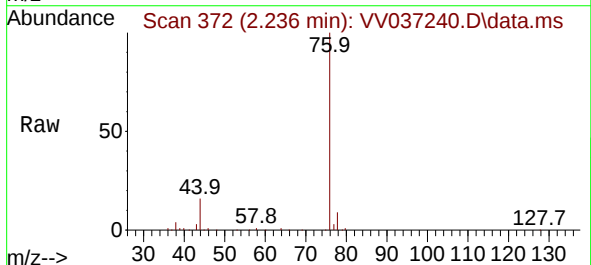
Acq: 10 Sep 2024 09:31

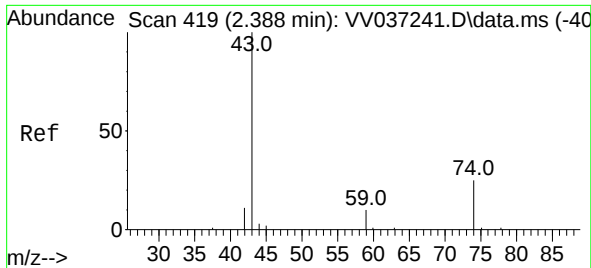
Tgt Ion: 76 Resp: 68860

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

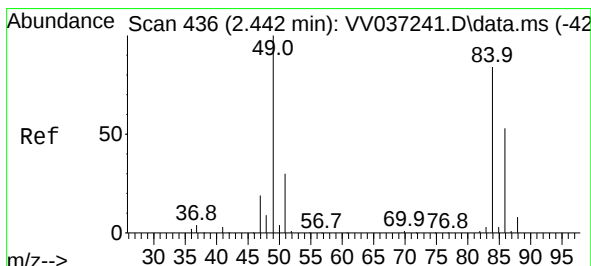
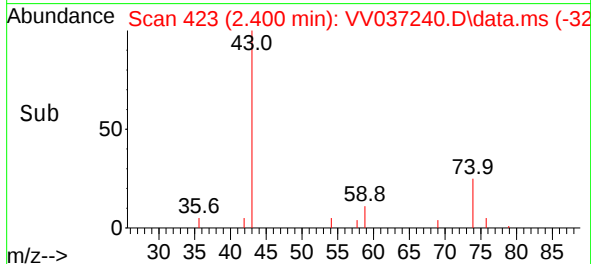
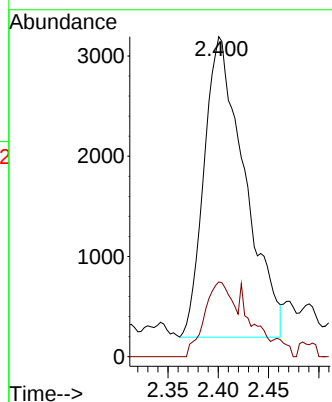
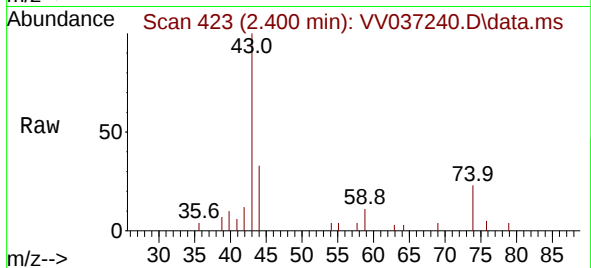




#15
Methyl Acetate
Concen: 0.944 ug/L
RT: 2.400 min Scan# 419
Delta R.T. 0.013 min
Lab File: VV037240.D
Acq: 10 Sep 2024 09:31

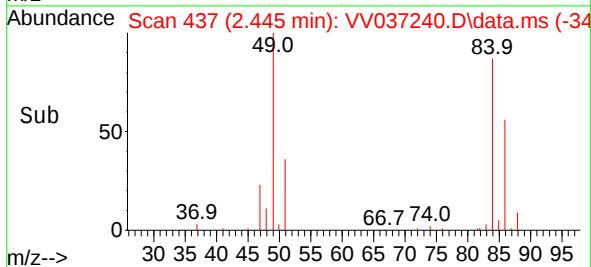
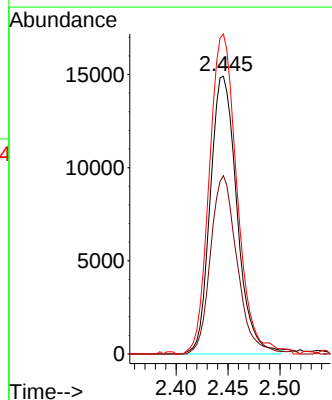
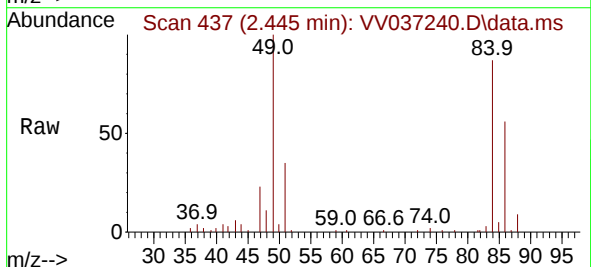
Instrument :
MSVOA_V
ClientSampleId :

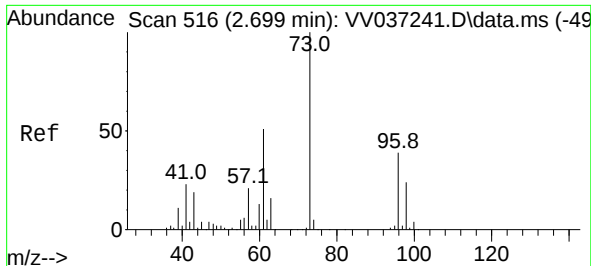
Tgt Ion: 43 Resp: 8367
Ion Ratio Lower Upper
43 100
74 17.8 21.0 31.4#



#16
Methylene chloride
Concen: 1.026 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV037240.D
Acq: 10 Sep 2024 09:31

Tgt Ion: 84 Resp: 26603
Ion Ratio Lower Upper
84 100
86 64.2 44.0 81.8
49 115.2 83.0 154.1





#17

Methyl tert-butyl Ether

Concen: 0.948 ug/L

RT: 2.703 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV037240.D

Acq: 10 Sep 2024 09:31

Instrument :

MSVOA_V

ClientSampleId :

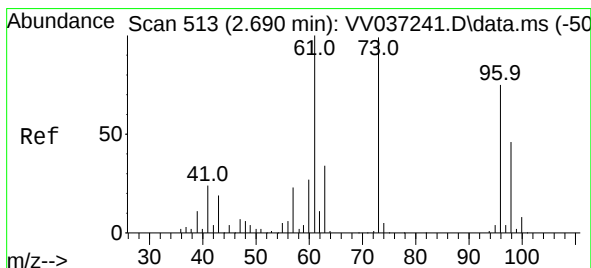
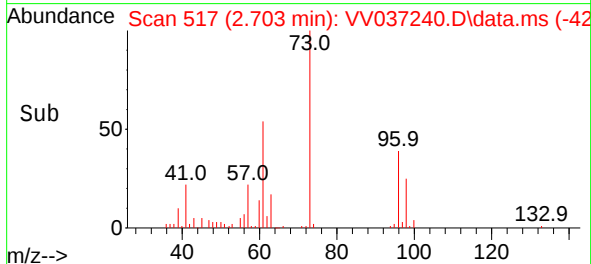
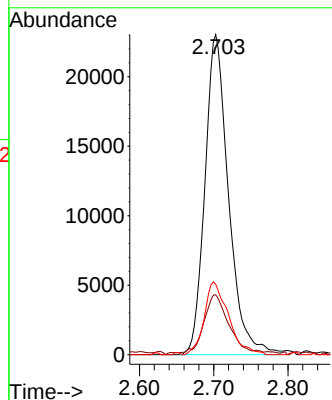
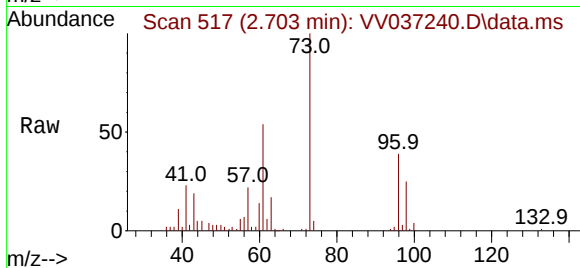
Tgt Ion: 73 Resp: 50848

Ion Ratio Lower Upper

73 100

43 18.5 14.5 21.7

57 23.3 17.7 26.5



#18

trans-1,2-Dichloroethene

Concen: 0.985 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.003 min

Lab File: VV037240.D

Acq: 10 Sep 2024 09:31

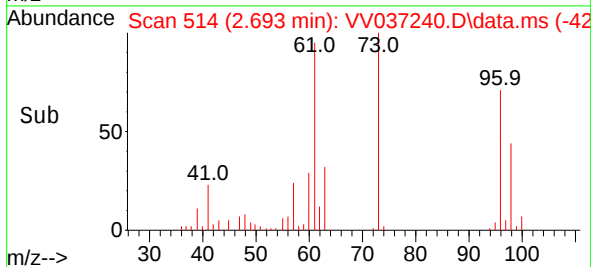
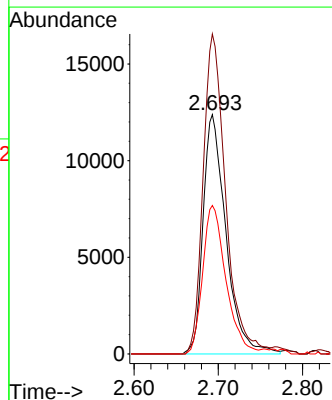
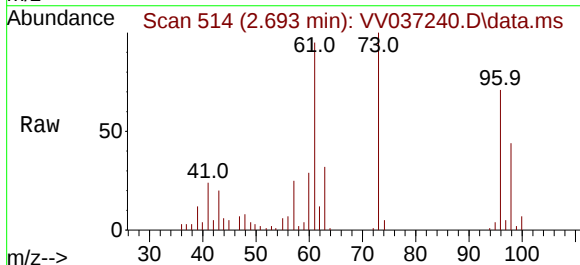
Tgt Ion: 96 Resp: 23367

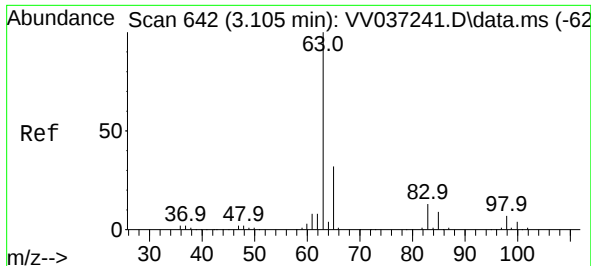
Ion Ratio Lower Upper

96 100

61 133.7 92.8 172.4

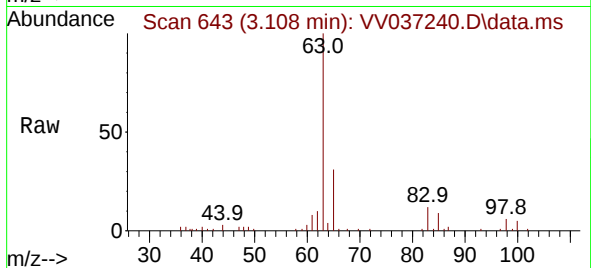
98 62.0 43.0 79.8



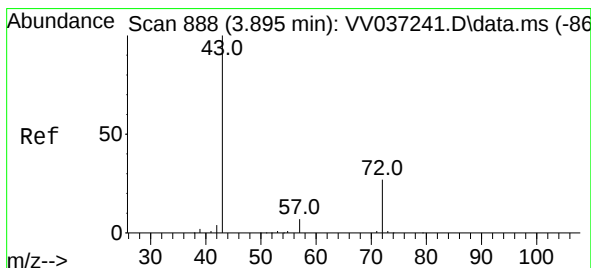
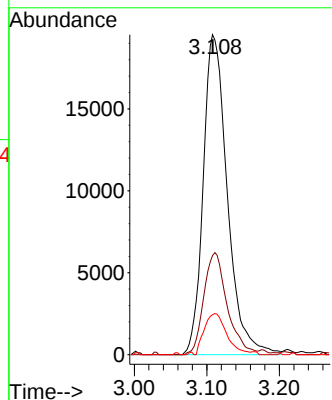
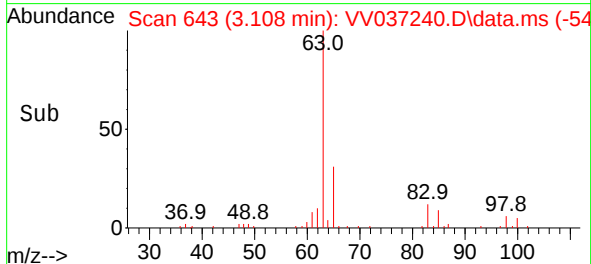


#19
1,1-Dichloroethane
Concen: 0.996 ug/L
RT: 3.108 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV037240.D
Acq: 10 Sep 2024 09:31

Instrument :
MSVOA_V
ClientSampleId :

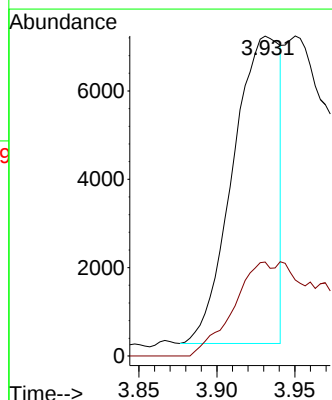
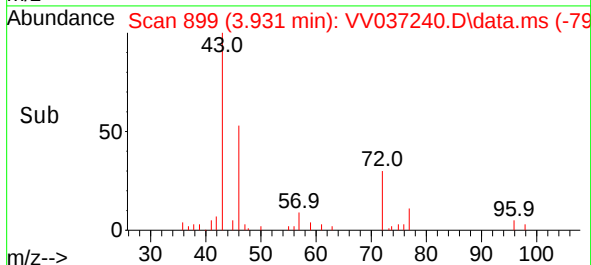
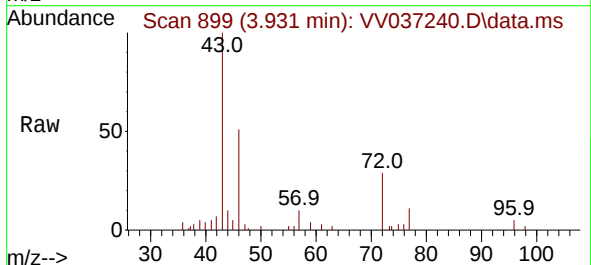


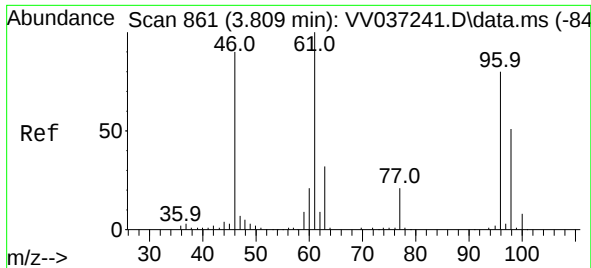
Tgt Ion: 63 Resp: 45126
Ion Ratio Lower Upper
63 100
65 31.0 22.5 41.7
83 12.5 8.9 16.5



#21
2-Butanone
Concen: 2.611 ug/L
RT: 3.931 min Scan# 899
Delta R.T. 0.035 min
Lab File: VV037240.D
Acq: 10 Sep 2024 09:31

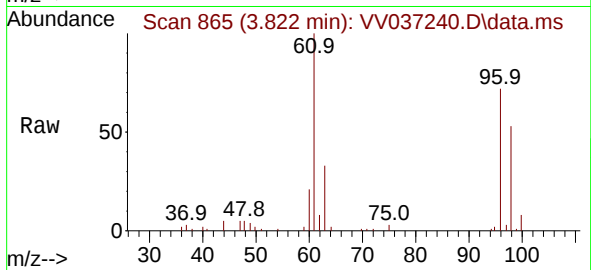
Tgt Ion: 43 Resp: 14473
Ion Ratio Lower Upper
43 100
72 24.3 12.2 36.6





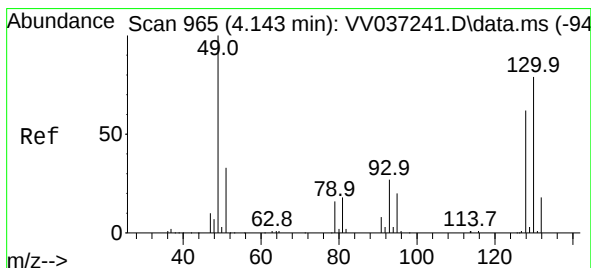
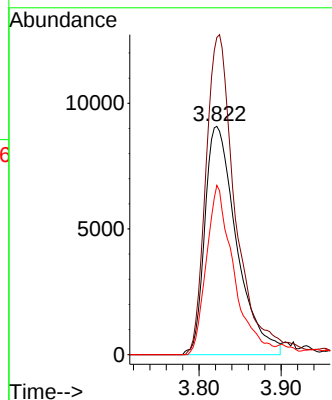
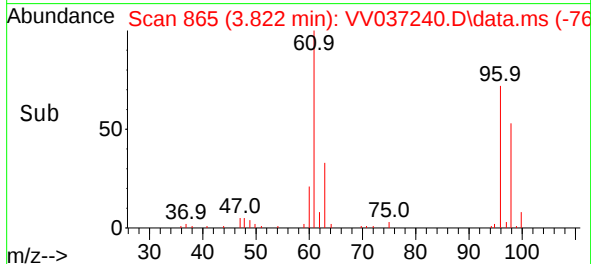
#22
 cis-1,2-Dichloroethene
 Concen: 0.952 ug/L
 RT: 3.822 min Scan# 865
 Delta R.T. 0.013 min
 Lab File: VV037240.D
 Acq: 10 Sep 2024 09:31

Instrument :
 MSVOA_V
 ClientSampleId :

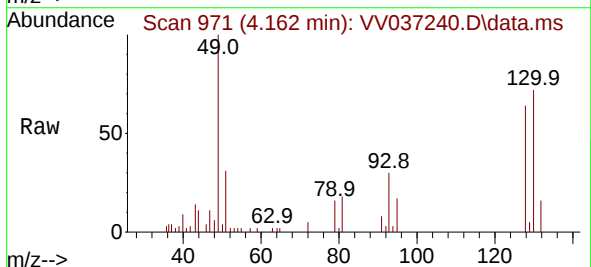


Tgt Ion: 96 Resp: 24421

Ion	Ratio	Lower	Upper
96	100		
61	139.0	87.6	162.6
98	74.1	44.9	83.5

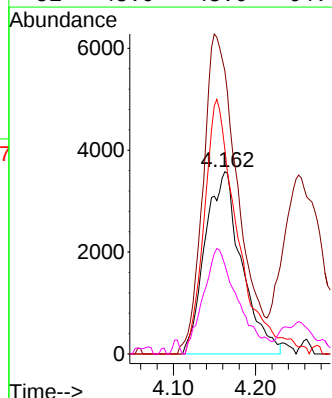
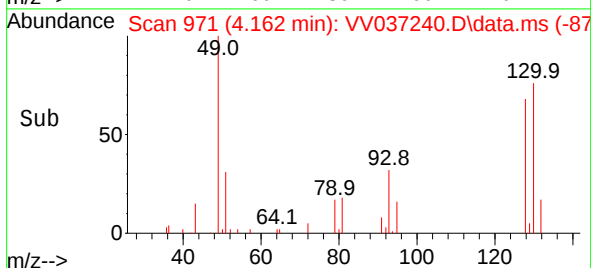


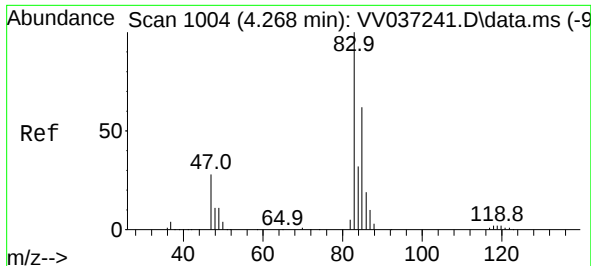
#23
 Bromochloromethane
 Concen: 0.997 ug/L
 RT: 4.162 min Scan# 971
 Delta R.T. 0.019 min
 Lab File: VV037240.D
 Acq: 10 Sep 2024 09:31



Tgt Ion: 128 Resp: 11078

Ion	Ratio	Lower	Upper
128	100		
49	155.4	114.0	211.8
130	112.3	89.3	165.9
51	48.9	43.0	64.4





#25

Chloroform

Concen: 1.013 ug/L

RT: 4.278 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV037240.D

Acq: 10 Sep 2024 09:31

Instrument :

MSVOA_V

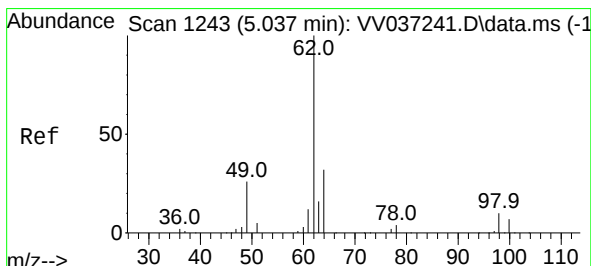
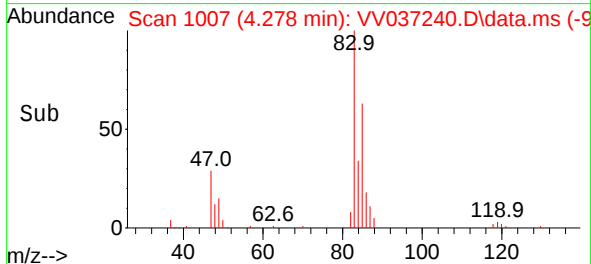
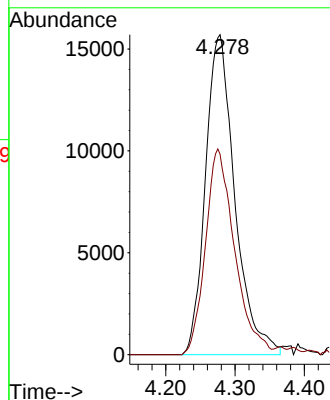
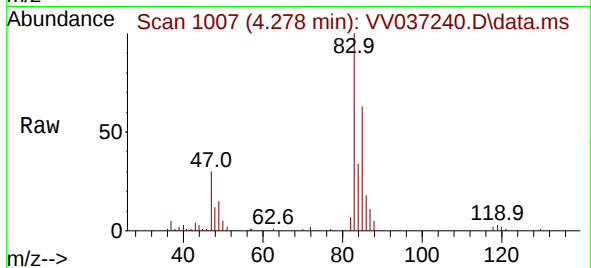
ClientSampleId :

Tgt Ion: 83 Resp: 46236

Ion Ratio Lower Upper

83 100

85 62.7 43.8 81.4



#27

1,2-Dichloroethane

Concen: 0.939 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. 0.016 min

Lab File: VV037240.D

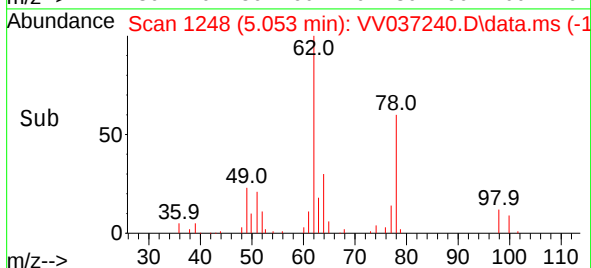
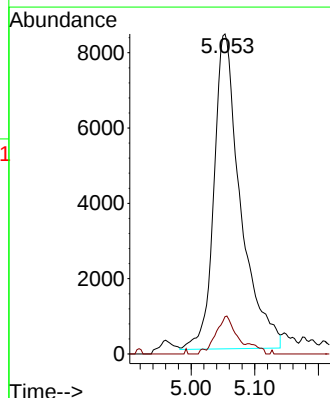
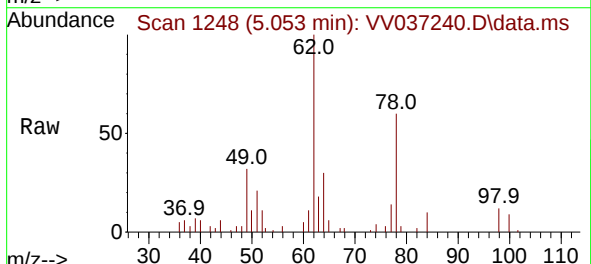
Acq: 10 Sep 2024 09:31

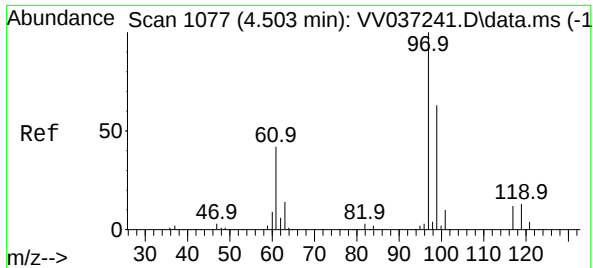
Tgt Ion: 62 Resp: 24270

Ion Ratio Lower Upper

62 100

98 11.6 8.2 12.4

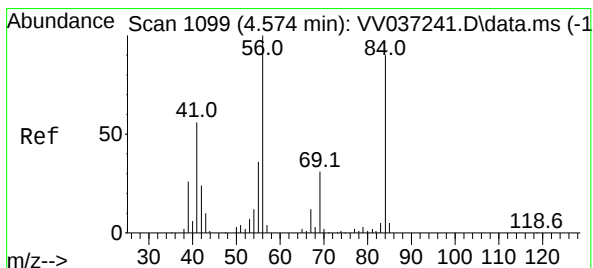
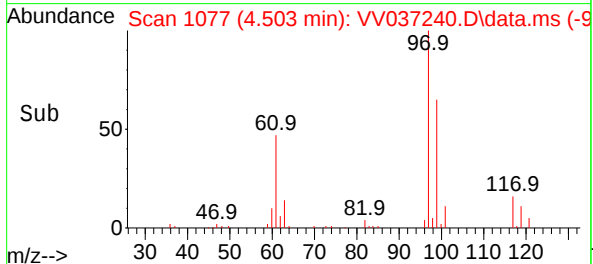
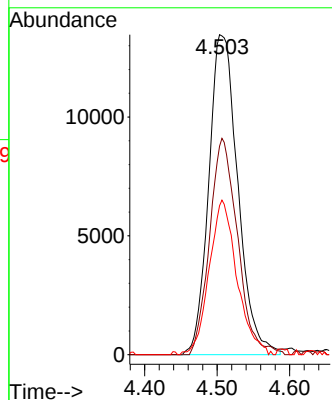
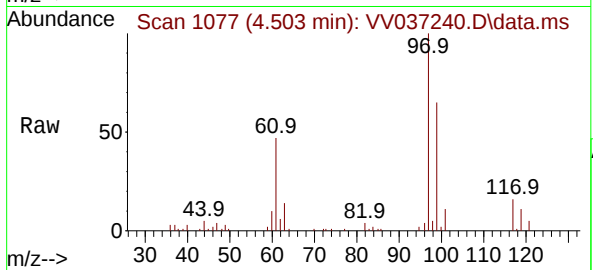




#29
1,1,1-Trichloroethane
Concen: 0.987 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VV037240.D
Acq: 10 Sep 2024 09:31

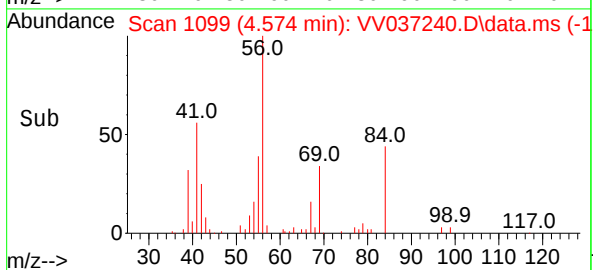
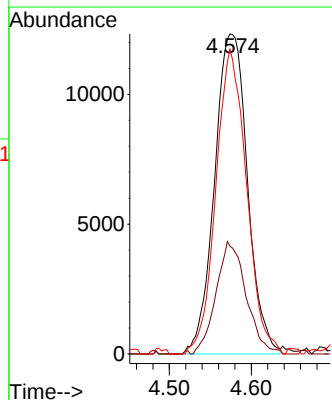
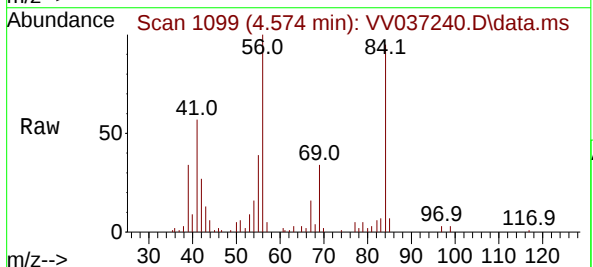
Instrument :
MSVOA_V
ClientSampleId :

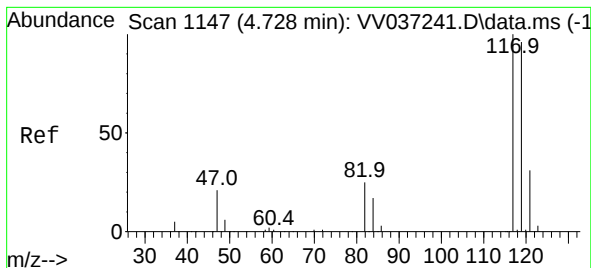
Tgt Ion: 97 Resp: 37554
Ion Ratio Lower Upper
97 100
99 65.0 50.0 75.0
61 46.2 34.3 51.5



#30
Cyclohexane
Concen: 0.933 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. 0.000 min
Lab File: VV037240.D
Acq: 10 Sep 2024 09:31

Tgt Ion: 56 Resp: 34430
Ion Ratio Lower Upper
56 100
69 32.0 24.1 36.1
84 88.5 73.1 109.7





#31

Carbon tetrachloride

Concen: 0.967 ug/L

RT: 4.732 min Scan# 1147

Delta R.T. 0.003 min

Lab File: VV037240.D

Acq: 10 Sep 2024 09:31

Instrument :

MSVOA_V

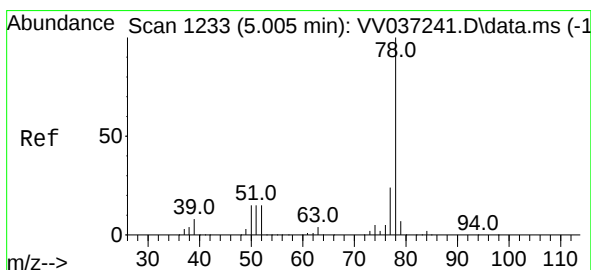
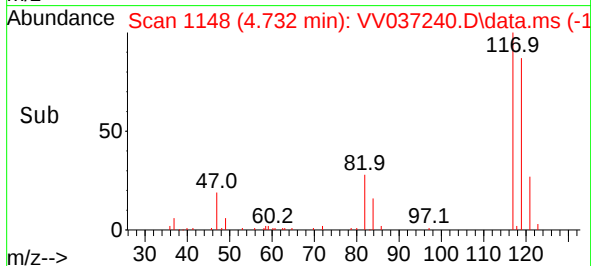
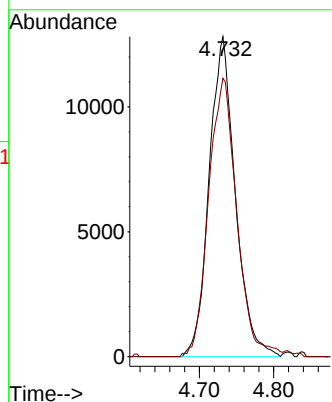
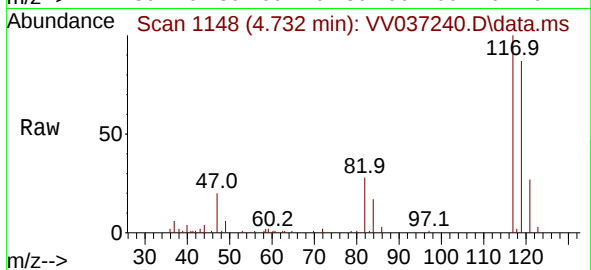
ClientSampleId :

Tgt Ion:117 Resp: 31320

Ion Ratio Lower Upper

117 100

119 93.7 76.2 114.4



#33

Benzene

Concen: 0.988 ug/L

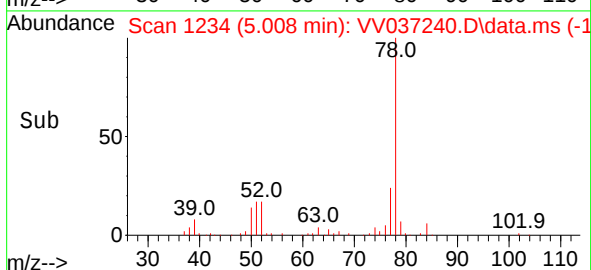
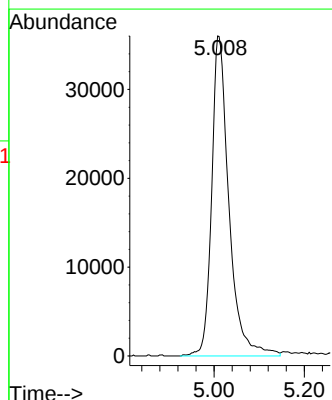
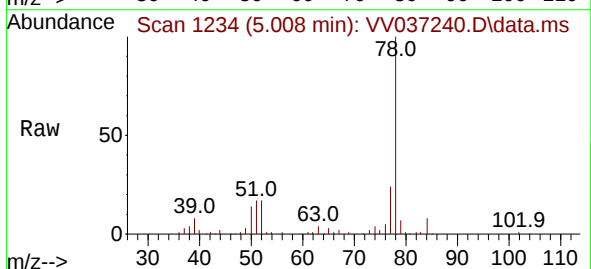
RT: 5.008 min Scan# 1234

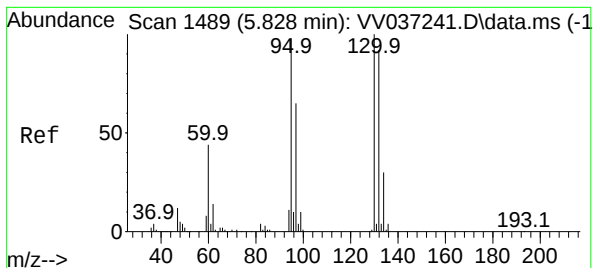
Delta R.T. 0.003 min

Lab File: VV037240.D

Acq: 10 Sep 2024 09:31

Tgt Ion: 78 Resp: 95542





#34

Trichloroethene

Concen: 0.953 ug/L

RT: 5.838 min Scan# 1489

Delta R.T. 0.010 min

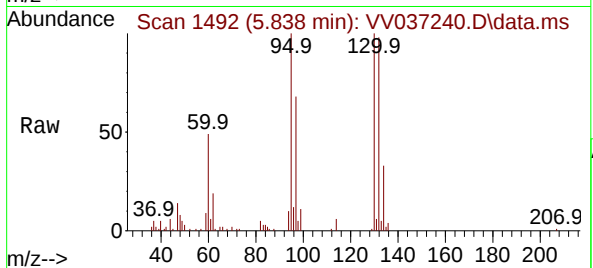
Lab File: VV037240.D

Acq: 10 Sep 2024 09:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 24833

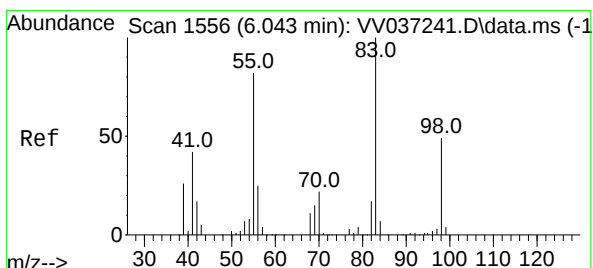
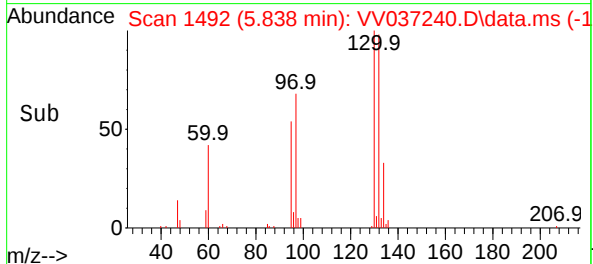
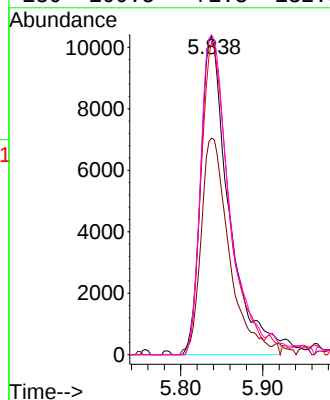
Ion Ratio Lower Upper

95 100

97 68.0 46.5 86.5

132 98.2 65.5 121.7

130 100.5 71.3 132.3



#35

Methylcyclohexane

Concen: 0.944 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.003 min

Lab File: VV037240.D

Acq: 10 Sep 2024 09:31

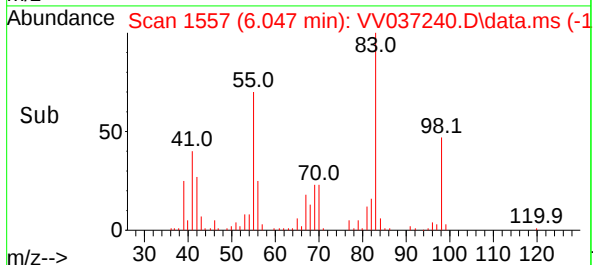
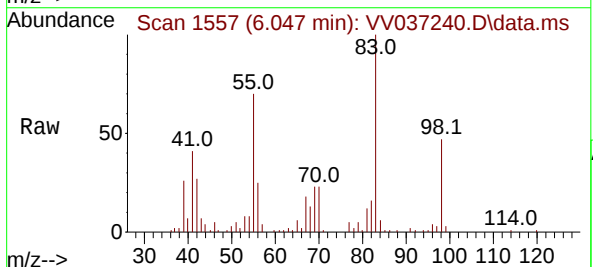
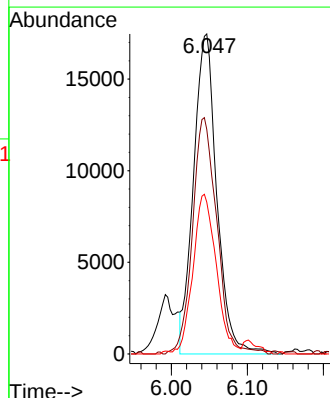
Tgt Ion: 83 Resp: 37373

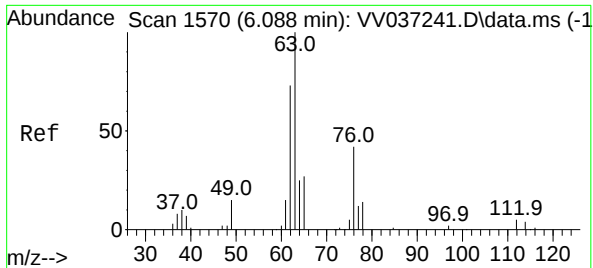
Ion Ratio Lower Upper

83 100

55 76.8 60.3 90.5

98 48.6 38.2 57.4

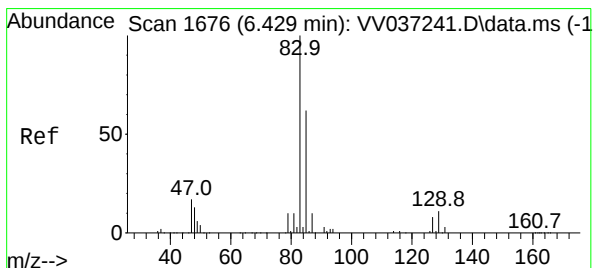
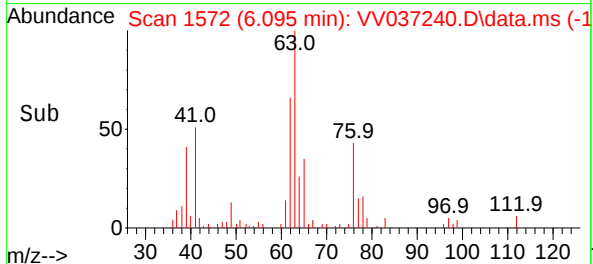
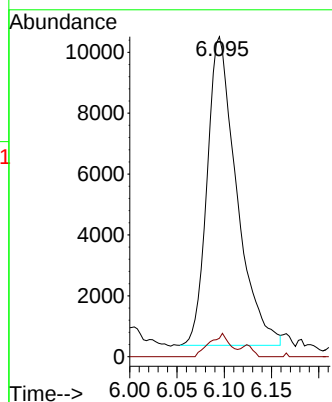
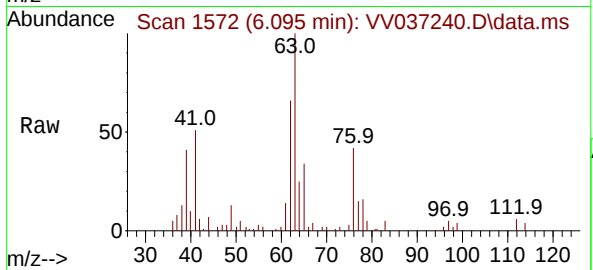




#37
1,2-Dichloropropane
Concen: 0.924 ug/L
RT: 6.095 min Scan# 1570
Delta R.T. 0.007 min
Lab File: VV037240.D
Acq: 10 Sep 2024 09:31

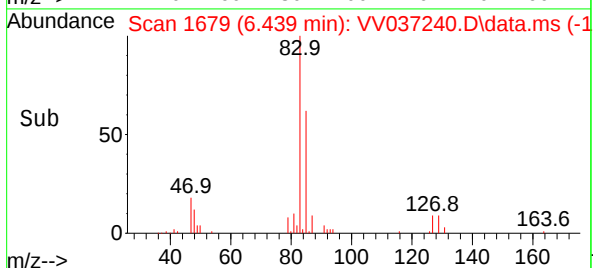
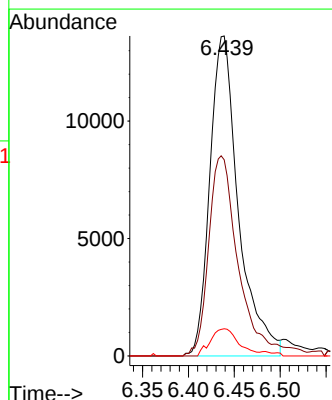
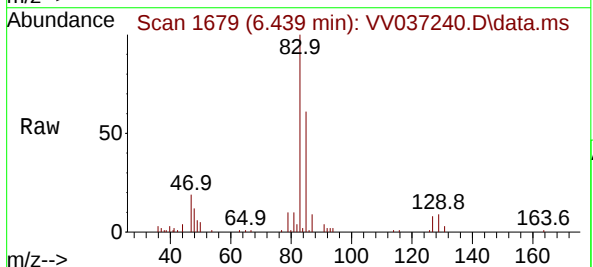
Instrument :
MSVOA_V
ClientSampleId :

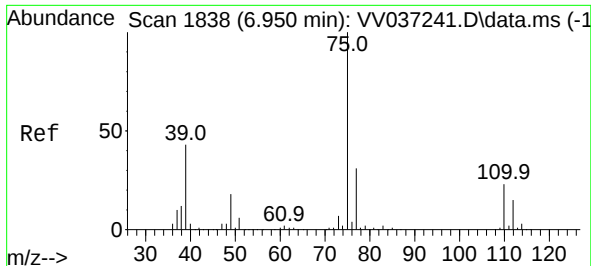
Tgt Ion: 63 Resp: 21989
Ion Ratio Lower Upper
63 100
112 5.2 3.7 5.5



#38
Bromodichloromethane
Concen: 0.961 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.010 min
Lab File: VV037240.D
Acq: 10 Sep 2024 09:31

Tgt Ion: 83 Resp: 29596
Ion Ratio Lower Upper
83 100
85 61.3 43.7 81.1
127 8.5 6.7 10.1

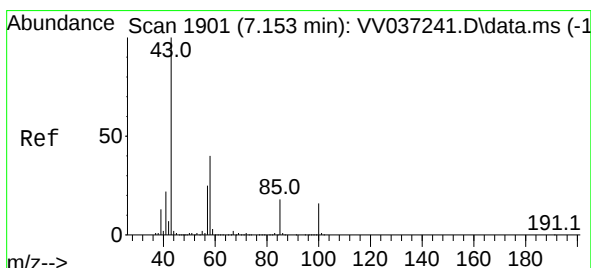
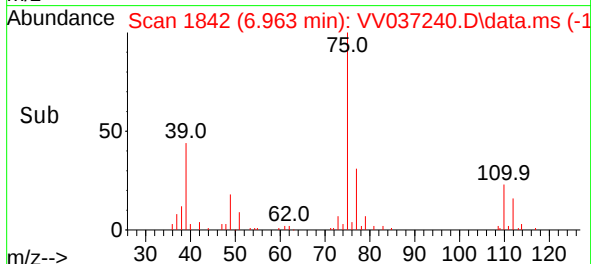
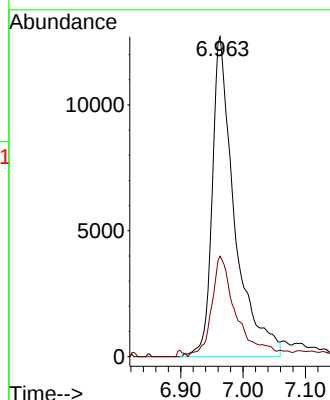
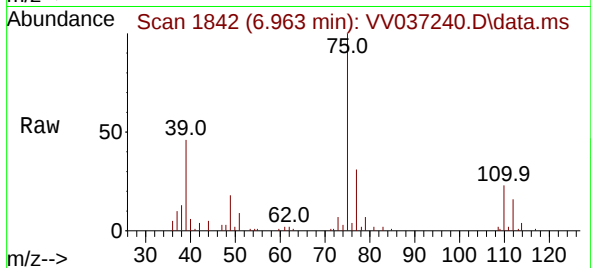




#39
 cis-1,3-Dichloropropene
 Concen: 0.914 ug/L
 RT: 6.963 min Scan# 1842
 Delta R.T. 0.013 min
 Lab File: VV037240.D
 Acq: 10 Sep 2024 09:31

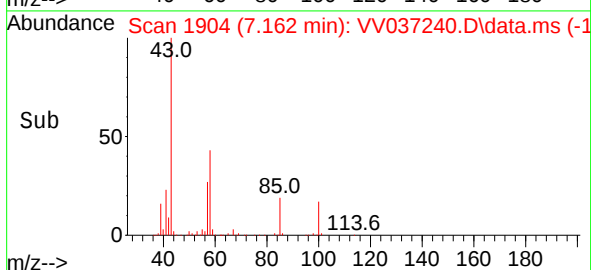
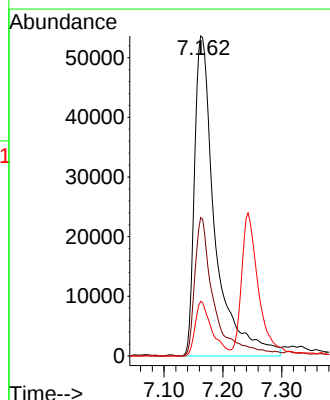
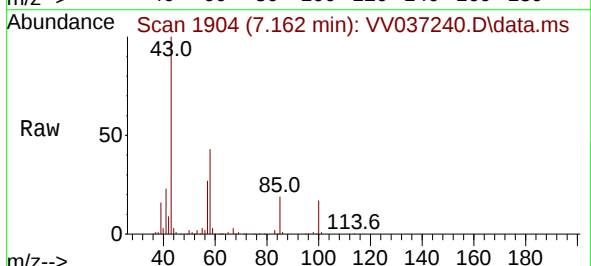
Instrument :
 MSVOA_V
 ClientSampleId :

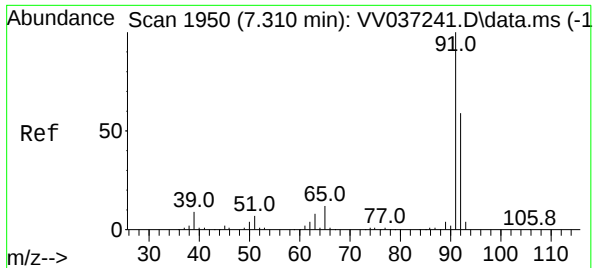
Tgt Ion: 75 Resp: 31815
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 9.306 ug/L
 RT: 7.162 min Scan# 1904
 Delta R.T. 0.010 min
 Lab File: VV037240.D
 Acq: 10 Sep 2024 09:31

Tgt Ion: 43 Resp: 130007
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.7 47.5
 100 14.1 12.6 19.0





#42

Toluene

Concen: 0.968 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.007 min

Lab File: VV037240.D

Acq: 10 Sep 2024 09:31

Instrument :

MSVOA_V

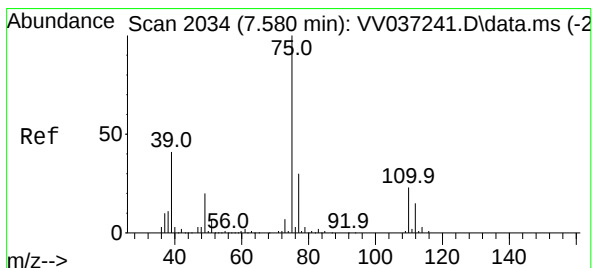
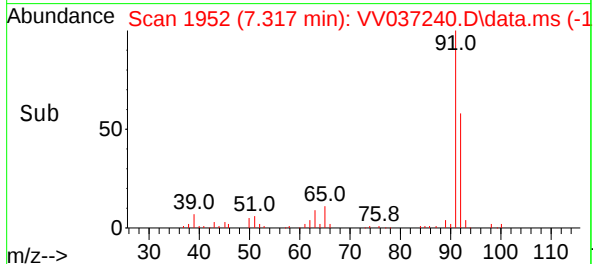
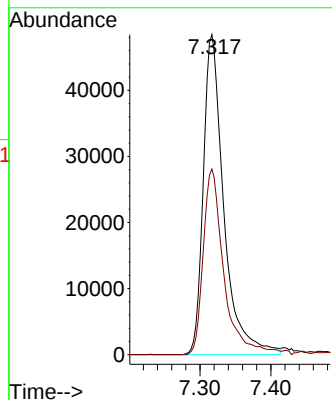
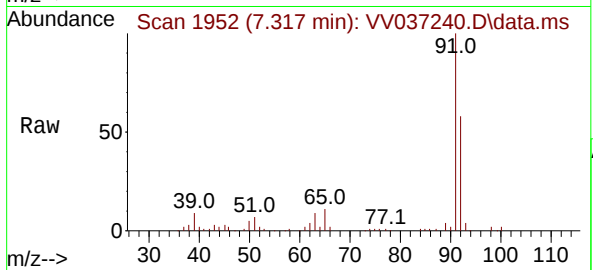
ClientSampleId :

Tgt Ion: 91 Resp: 97328

Ion Ratio Lower Upper

91 100

92 58.0 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 0.896 ug/L

RT: 7.593 min Scan# 2038

Delta R.T. 0.013 min

Lab File: VV037240.D

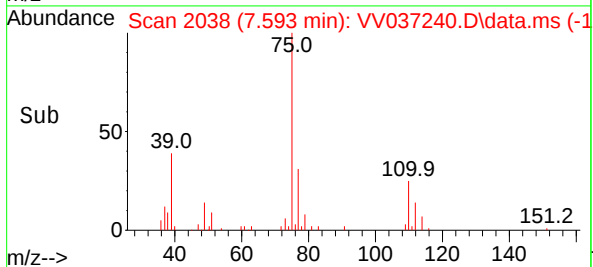
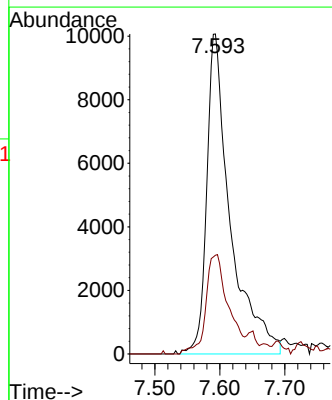
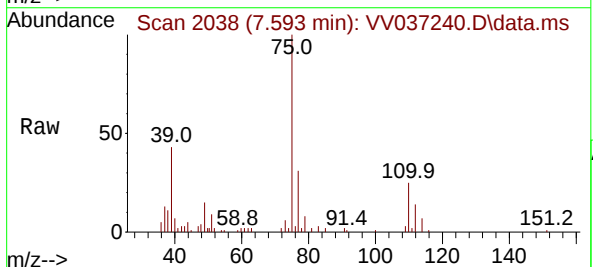
Acq: 10 Sep 2024 09:31

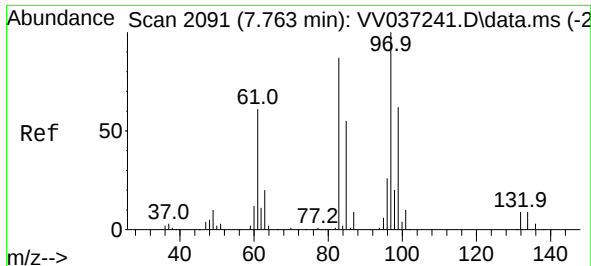
Tgt Ion: 75 Resp: 25405

Ion Ratio Lower Upper

75 100

77 30.8 20.9 38.9

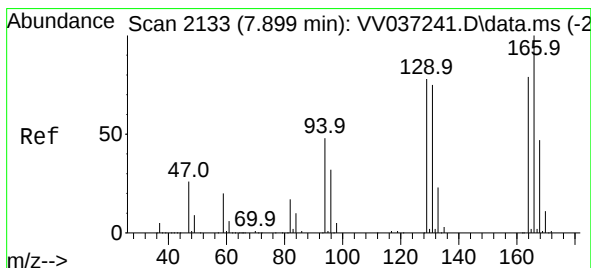
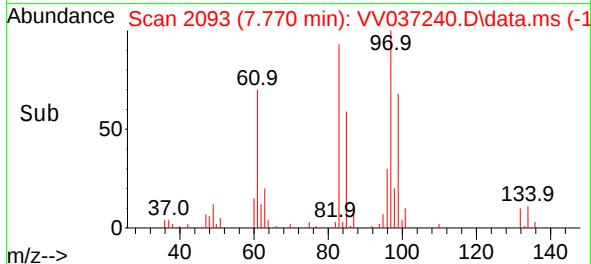
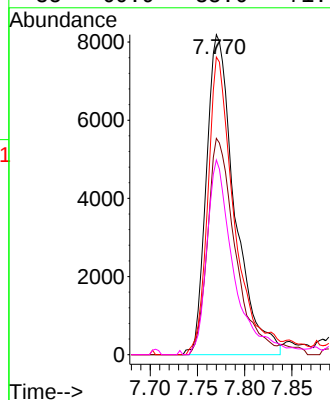
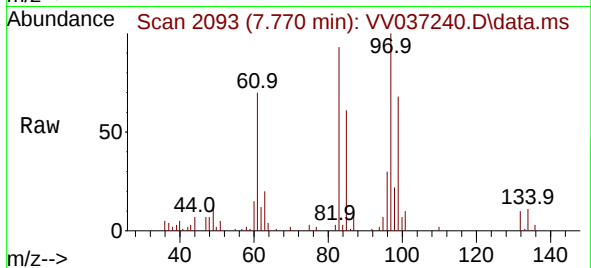




#45
1,1,2-Trichloroethane
Concen: 0.971 ug/L
RT: 7.770 min Scan# 2091
Delta R.T. 0.006 min
Lab File: VV037240.D
Acq: 10 Sep 2024 09:31

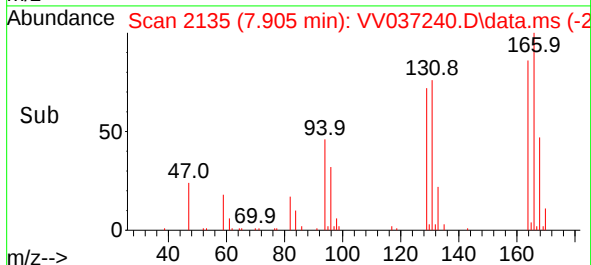
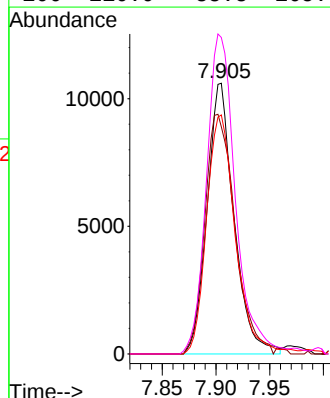
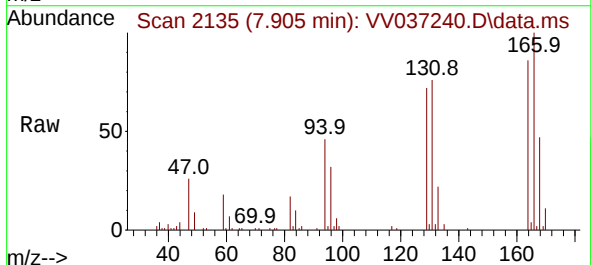
Instrument :
MSVOA_V
ClientSampleId :

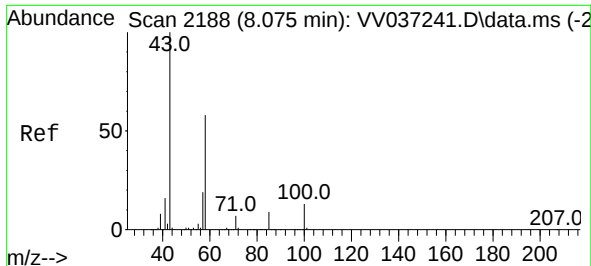
Tgt Ion:	97	Resp:	17087
Ion	Ratio	Lower	Upper
97	100		
99	67.6	43.1	80.1
83	93.0	61.0	113.4
85	60.9	38.6	71.6



#47
Tetrachloroethene
Concen: 0.989 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.006 min
Lab File: VV037240.D
Acq: 10 Sep 2024 09:31

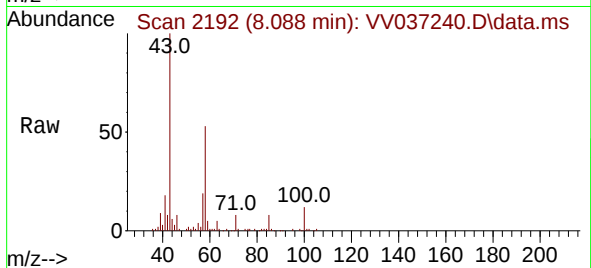
Tgt Ion:	164	Resp:	18445
Ion	Ratio	Lower	Upper
164	100		
129	83.9	69.2	128.4
131	88.3	66.6	123.8
166	116.9	88.8	165.0



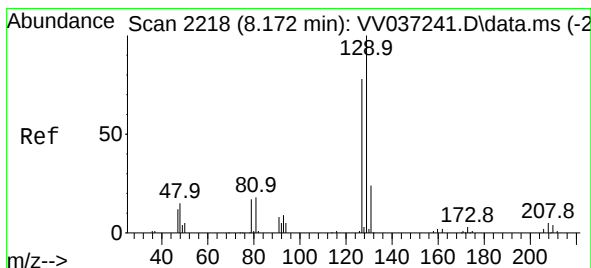
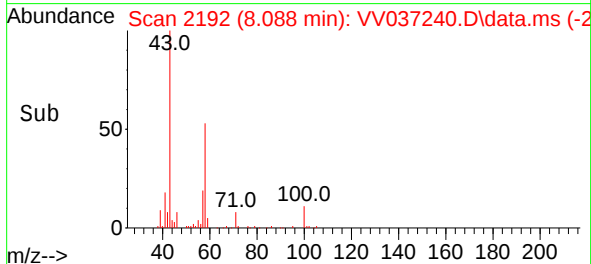
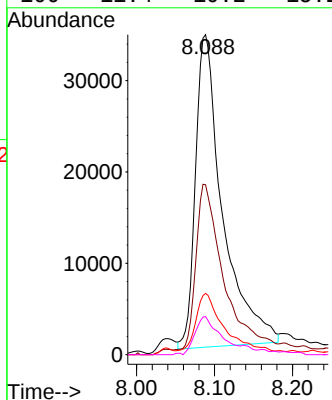


#48
2-Hexanone
Concen: 8.621 ug/L
RT: 8.088 min Scan# 2188
Delta R.T. 0.013 min
Lab File: VV037240.D
Acq: 10 Sep 2024 09:31

Instrument :
MSVOA_V
ClientSampleId :

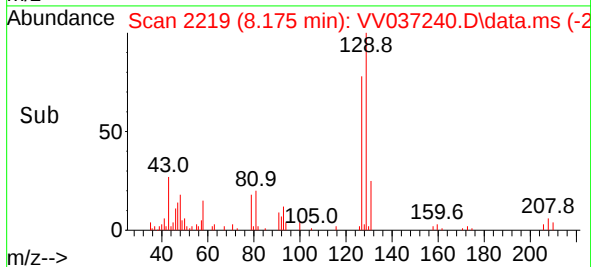
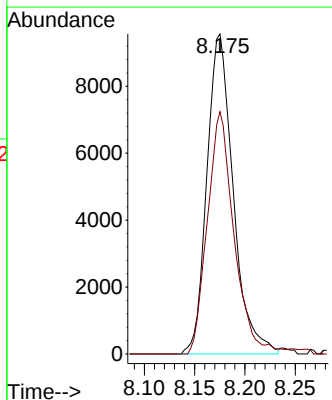
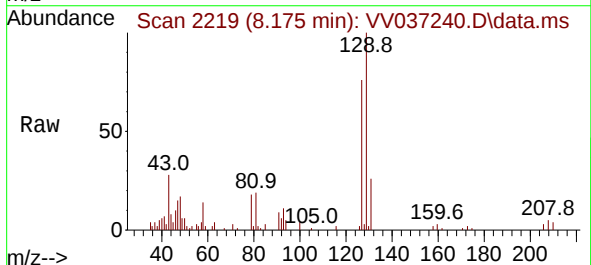


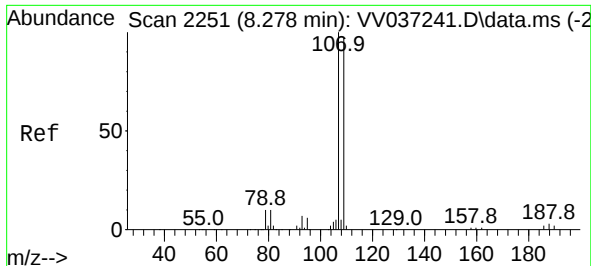
Tgt Ion: 43 Resp: 82966
Ion Ratio Lower Upper
43 100
58 54.6 45.5 68.3
57 19.5 15.3 22.9
100 11.4 10.2 15.2



#49
Dibromochloromethane
Concen: 0.944 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV037240.D
Acq: 10 Sep 2024 09:31

Tgt Ion: 129 Resp: 17405
Ion Ratio Lower Upper
129 100
127 75.7 54.5 101.1

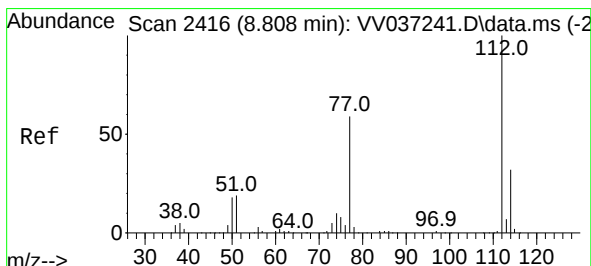
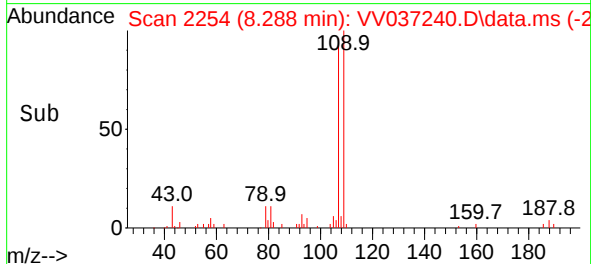
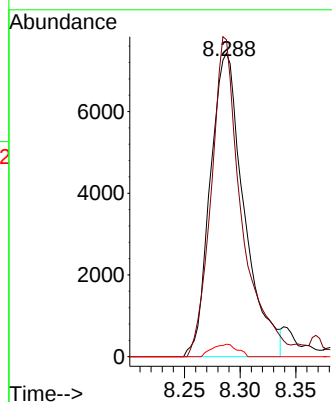
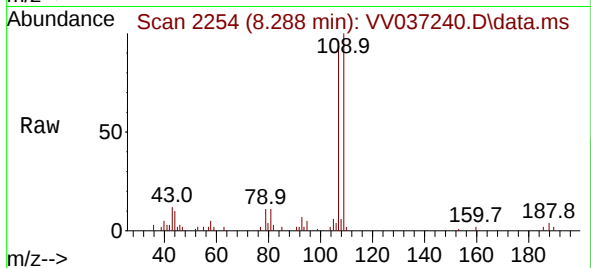




#50
1,2-Dibromoethane
Concen: 0.943 ug/L
RT: 8.288 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV037240.D
Acq: 10 Sep 2024 09:31

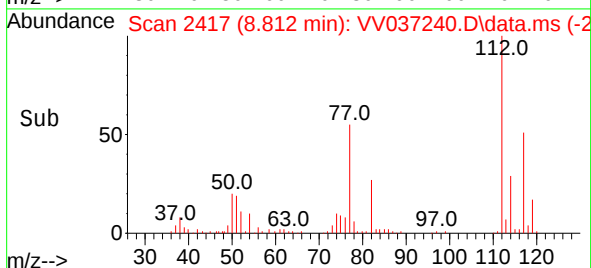
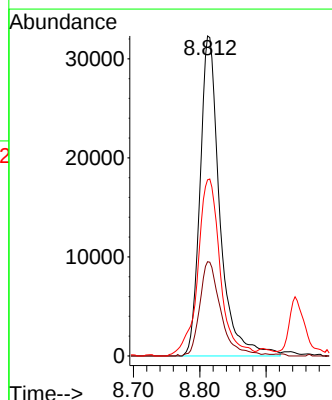
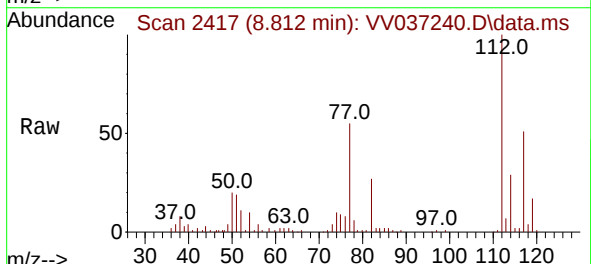
Instrument :
MSVOA_V
ClientSampleId :

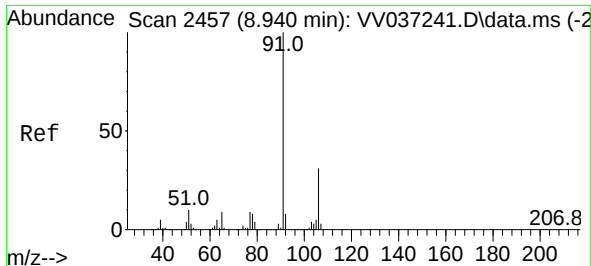
Tgt Ion:107 Resp: 15681
Ion Ratio Lower Upper
107 100
109 104.4 68.1 126.5
188 4.1 2.7 4.1#



#51
Chlorobenzene
Concen: 1.001 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV037240.D
Acq: 10 Sep 2024 09:31

Tgt Ion:112 Resp: 66987
Ion Ratio Lower Upper
112 100
114 29.5 22.6 42.0
77 55.1 47.0 70.6





#52

Ethylbenzene

Concen: 0.939 ug/L

RT: 8.947 min Scan# 2457

Delta R.T. 0.006 min

Lab File: VV037240.D

Acq: 10 Sep 2024 09:31

Instrument :

MSVOA_V

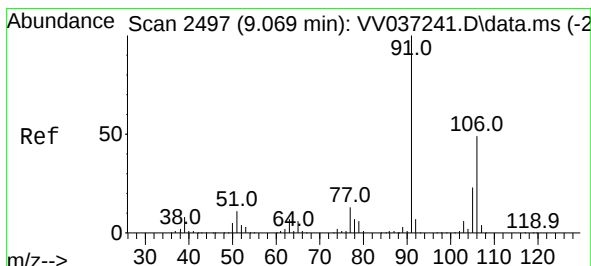
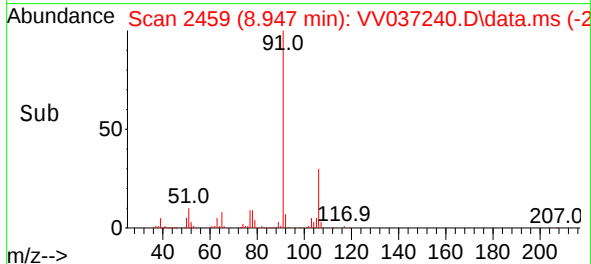
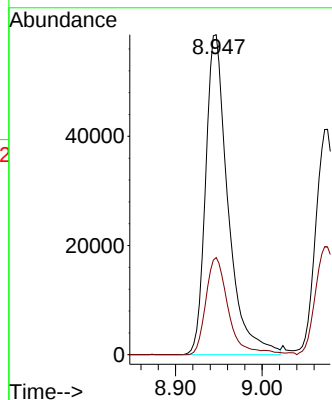
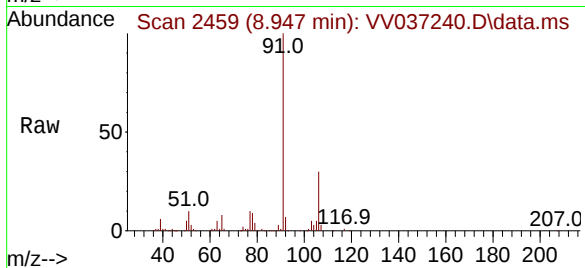
ClientSampleId :

Tgt Ion: 91 Resp: 105406

Ion Ratio Lower Upper

91 100

106 30.4 21.7 40.3



#53

m,p-Xylene

Concen: 0.943 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.003 min

Lab File: VV037240.D

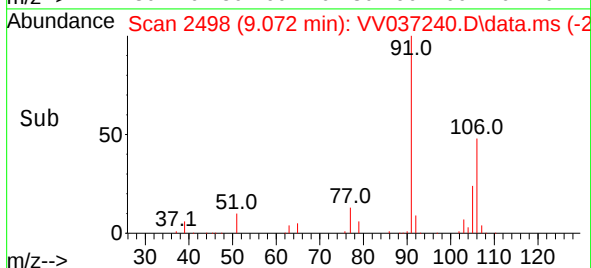
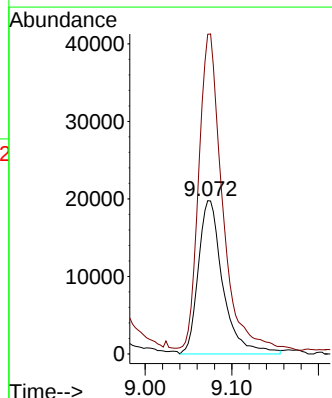
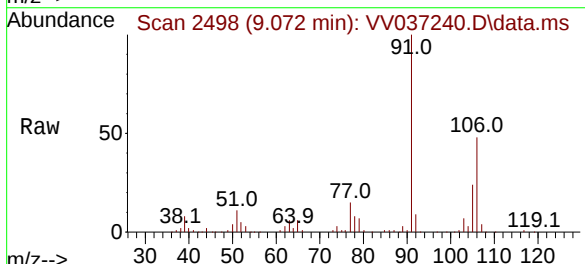
Acq: 10 Sep 2024 09:31

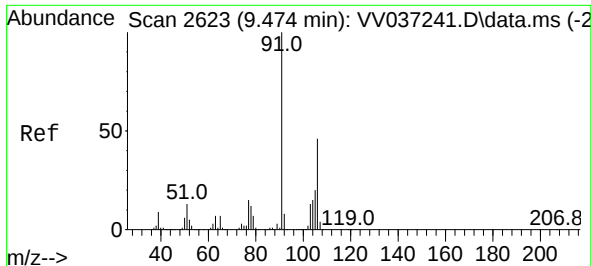
Tgt Ion: 106 Resp: 38941

Ion Ratio Lower Upper

106 100

91 208.4 143.3 266.1

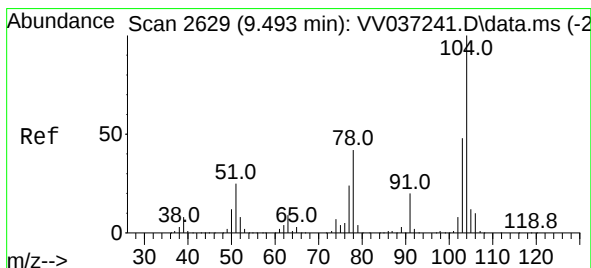
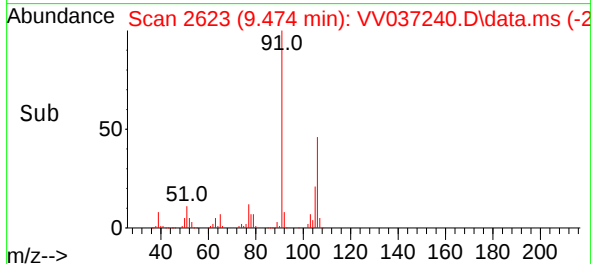
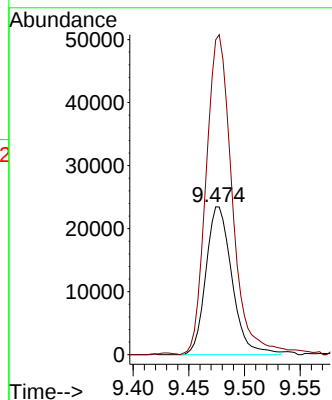
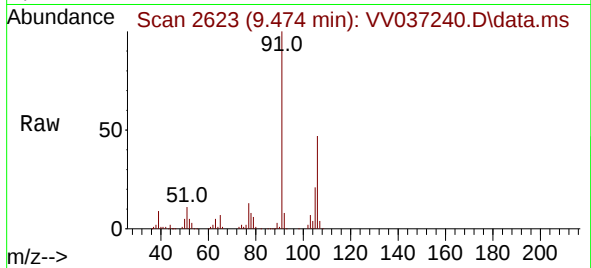




#54
o-Xylene
Concen: 0.937 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV037240.D
Acq: 10 Sep 2024 09:31

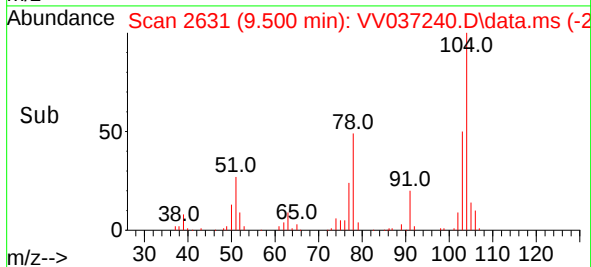
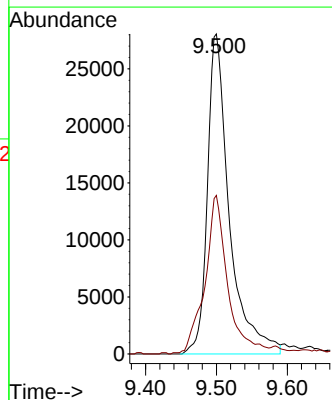
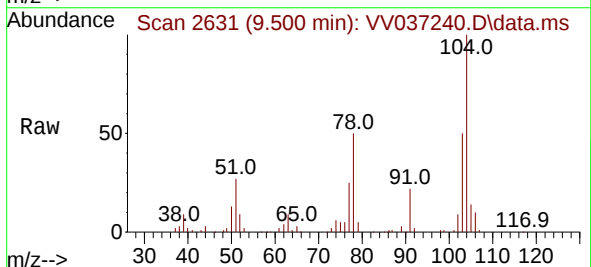
Instrument :
MSVOA_V
ClientSampleId :

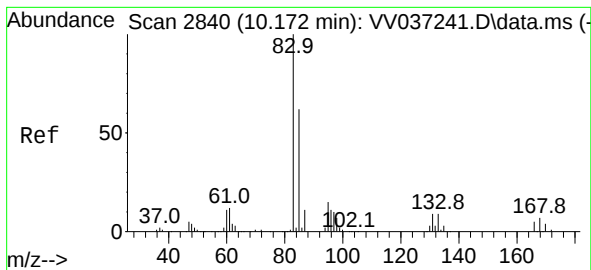
Tgt Ion:106 Resp: 38288
Ion Ratio Lower Upper
106 100
91 213.1 151.8 282.0



#55
Styrene
Concen: 0.870 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.006 min
Lab File: VV037240.D
Acq: 10 Sep 2024 09:31

Tgt Ion:104 Resp: 60309
Ion Ratio Lower Upper
104 100
78 49.6 29.2 54.2





#57

1,1,2,2-Tetrachloroethane

Concen: 0.953 ug/L

RT: 10.175 min Scan# 2840

Delta R.T. 0.003 min

Lab File: VV037240.D

Acq: 10 Sep 2024 09:31

Instrument :

MSVOA_V

ClientSampleId :

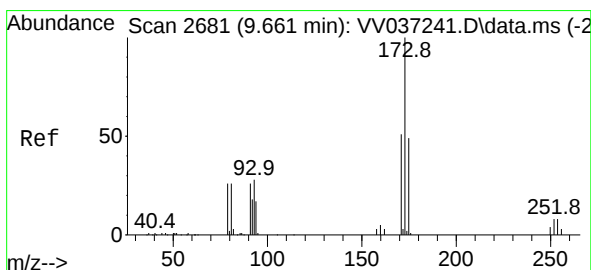
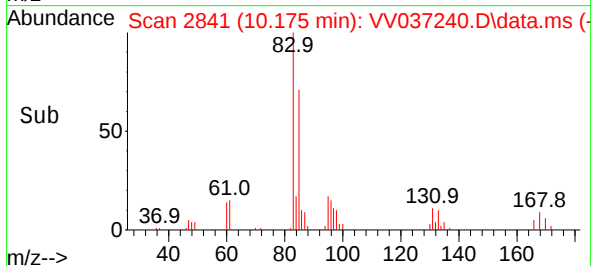
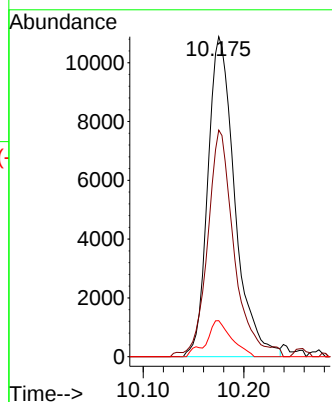
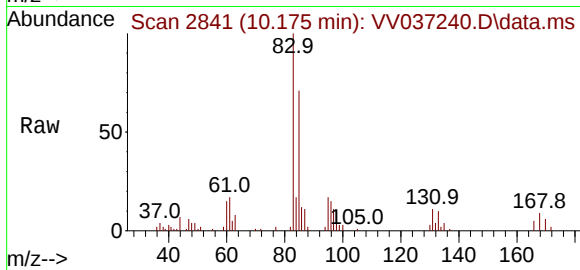
Tgt Ion: 83 Resp: 20271

Ion Ratio Lower Upper

83 100

85 70.8 43.2 80.2

131 11.2 6.9 10.3#



#59

Bromoform

Concen: 0.943 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.006 min

Lab File: VV037240.D

Acq: 10 Sep 2024 09:31

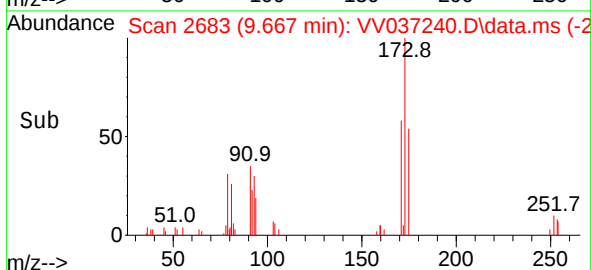
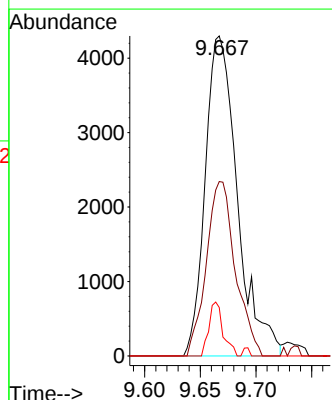
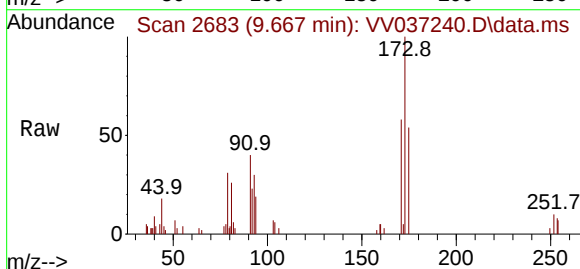
Tgt Ion: 173 Resp: 8656

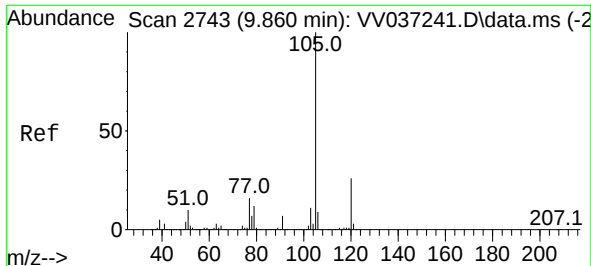
Ion Ratio Lower Upper

173 100

175 49.1 38.7 58.1

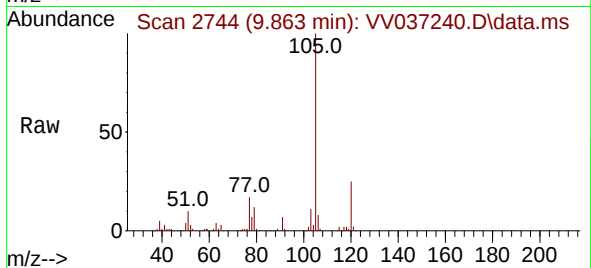
254 7.4 6.8 10.2



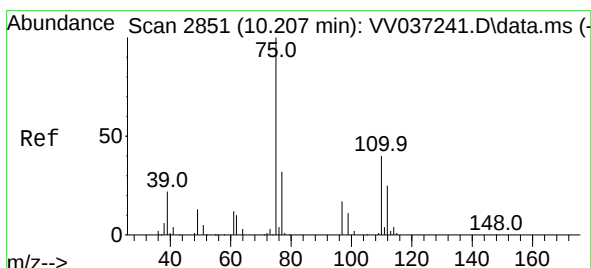
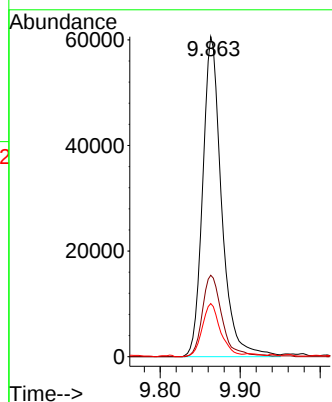
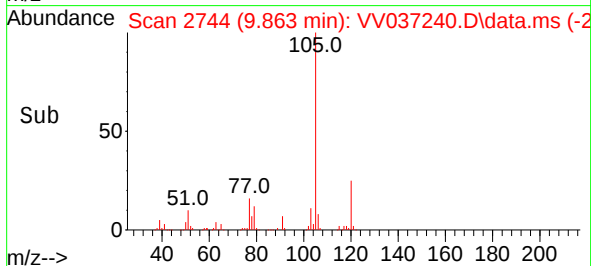


#60
Isopropylbenzene
Concen: 0.951 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037240.D
Acq: 10 Sep 2024 09:31

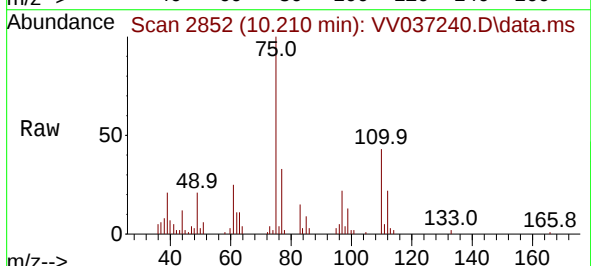
Instrument :
MSVOA_V
ClientSampleId :



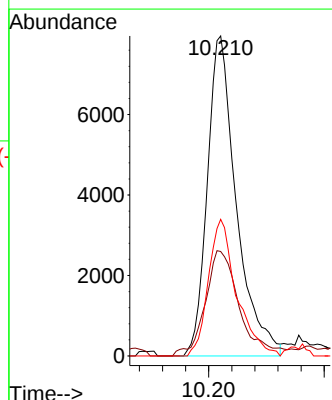
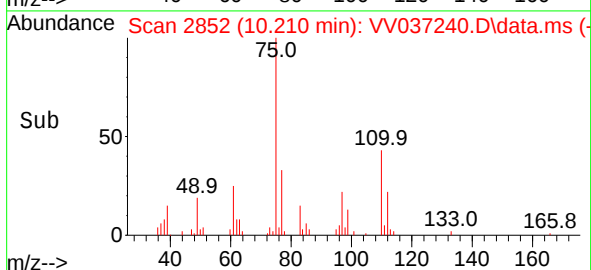
Tgt Ion:105 Resp: 99895
Ion Ratio Lower Upper
105 100
120 26.5 20.2 30.4
77 16.1 12.7 19.1

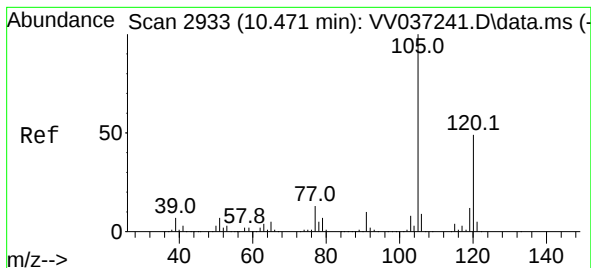


#61
1,2,3-Trichloropropane
Concen: 0.974 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV037240.D
Acq: 10 Sep 2024 09:31



Tgt Ion: 75 Resp: 13901
Ion Ratio Lower Upper
75 100
77 38.7 25.6 38.4#
110 41.3 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 0.931 ug/L

RT: 10.474 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV037240.D

Acq: 10 Sep 2024 09:31

Instrument :

MSVOA_V

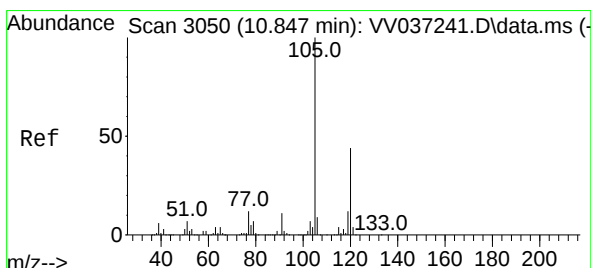
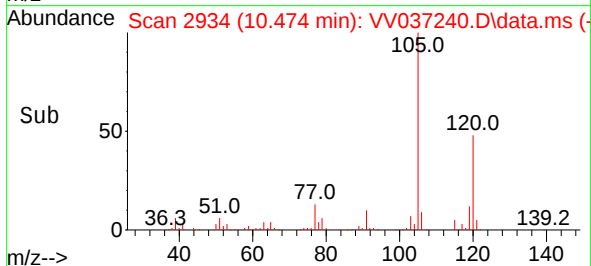
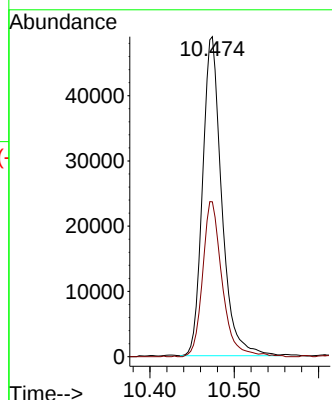
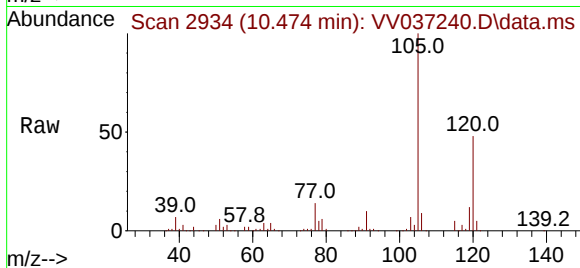
ClientSampleId :

Tgt Ion:105 Resp: 77525

Ion Ratio Lower Upper

105 100

120 49.8 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 0.908 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV037240.D

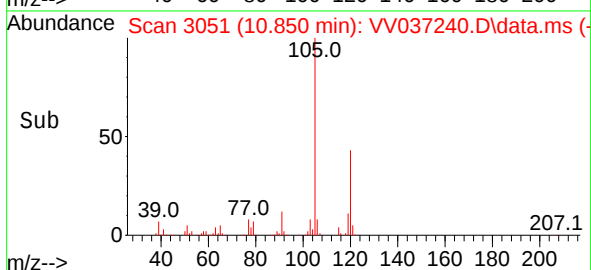
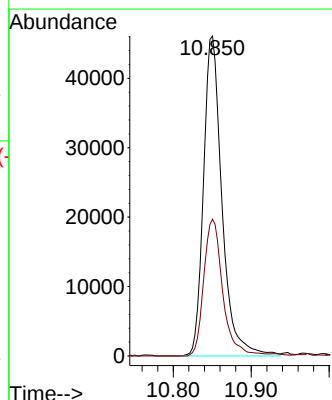
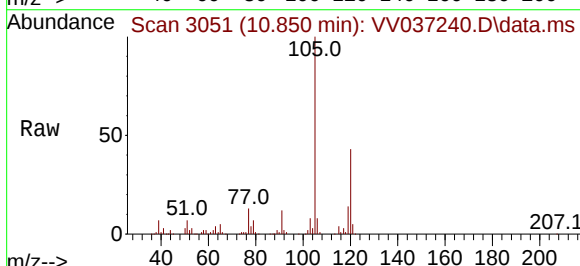
Acq: 10 Sep 2024 09:31

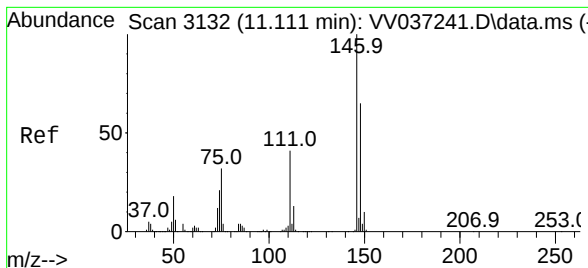
Tgt Ion:105 Resp: 75984

Ion Ratio Lower Upper

105 100

120 43.9 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 1.009 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.007 min

Lab File: VV037240.D

Acq: 10 Sep 2024 09:31

Instrument :

MSVOA_V

ClientSampleId :

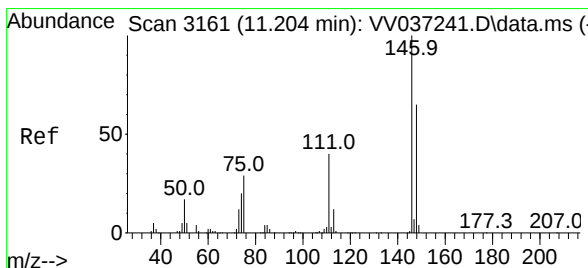
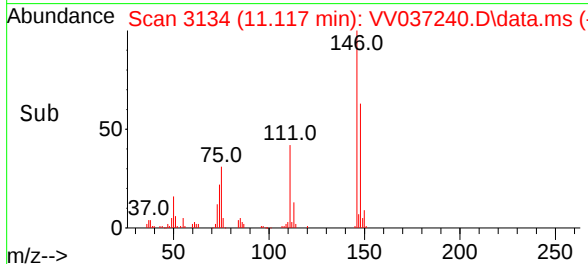
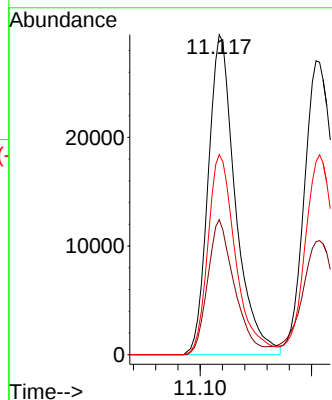
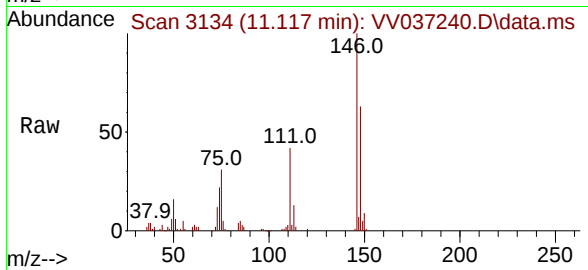
Tgt Ion:146 Resp: 50084

Ion Ratio Lower Upper

146 100

111 42.2 28.8 53.4

148 62.5 45.6 84.6



#65

1,4-Dichlorobenzene

Concen: 1.003 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV037240.D

Acq: 10 Sep 2024 09:31

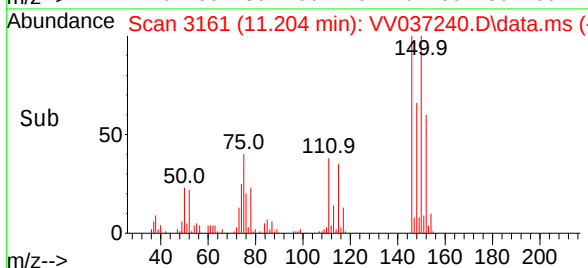
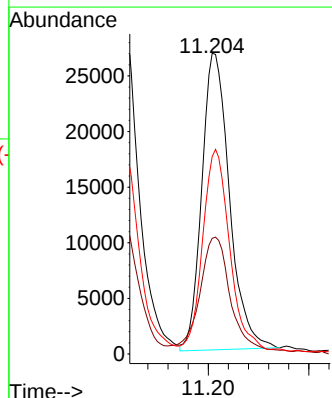
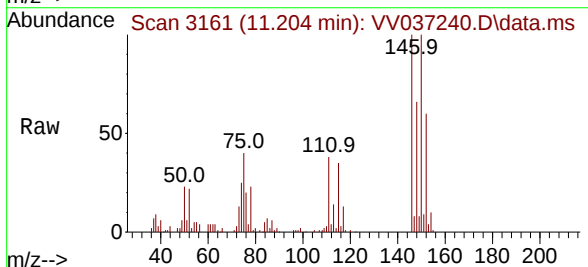
Tgt Ion:146 Resp: 51070

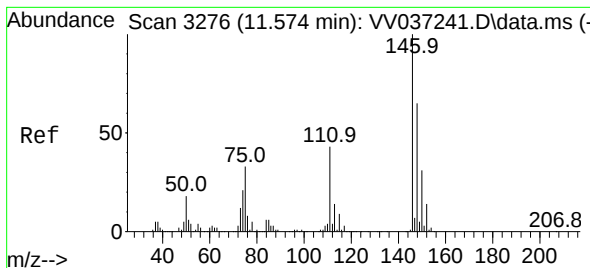
Ion Ratio Lower Upper

146 100

111 38.4 28.2 52.4

148 65.6 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 1.011 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.003 min

Lab File: VV037240.D

Acq: 10 Sep 2024 09:31

Instrument :

MSVOA_V

ClientSampleId :

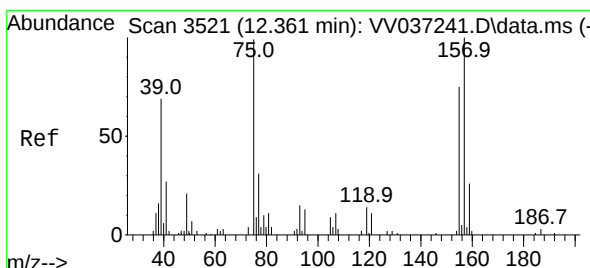
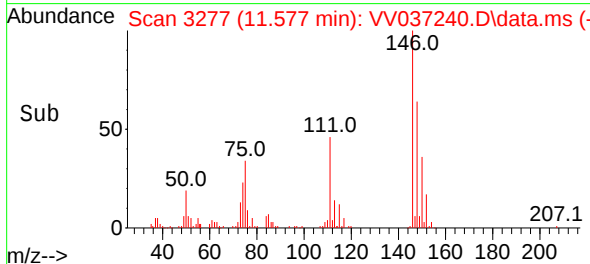
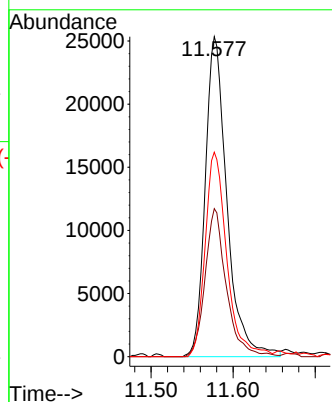
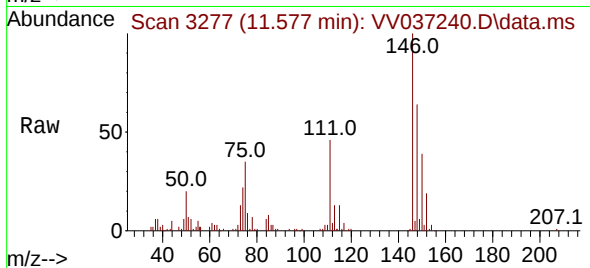
Tgt Ion:146 Resp: 46516

Ion Ratio Lower Upper

146 100

111 46.2 34.4 51.6

148 63.9 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 0.991 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV037240.D

Acq: 10 Sep 2024 09:31

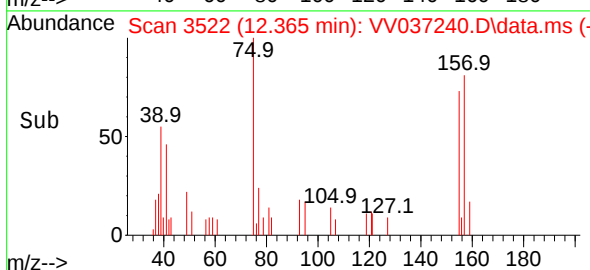
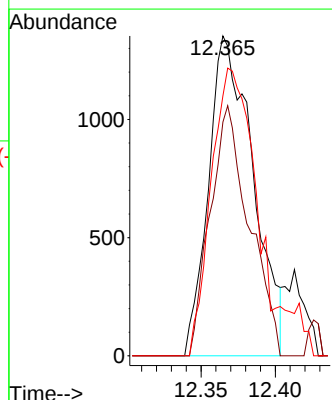
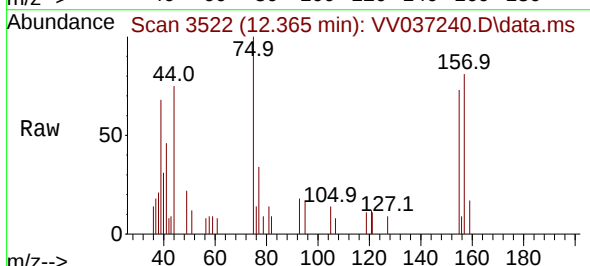
Tgt Ion: 75 Resp: 2824

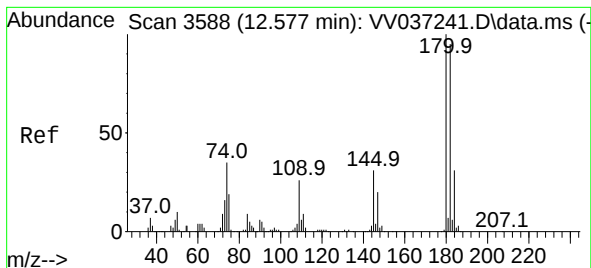
Ion Ratio Lower Upper

75 100

155 73.1 60.6 90.8

157 81.3 81.1 121.7





#69

1,3,5-Trichlorobenzene

Concen: 0.973 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.003 min

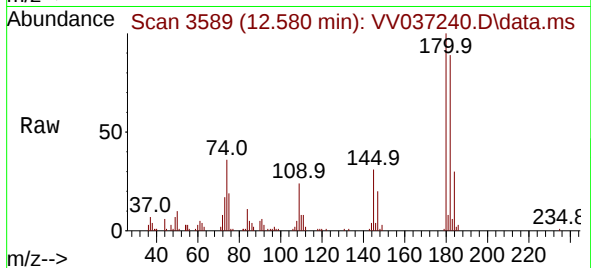
Lab File: VV037240.D

Acq: 10 Sep 2024 09:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 34446

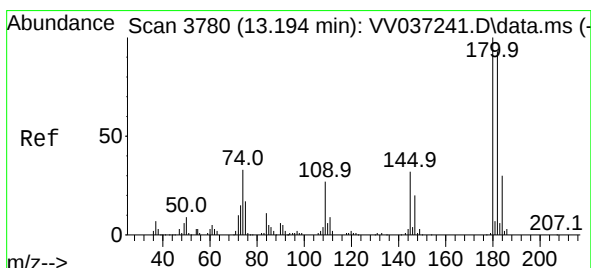
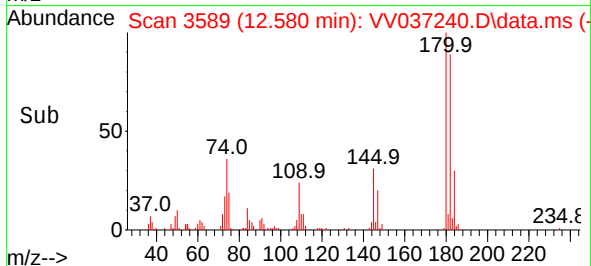
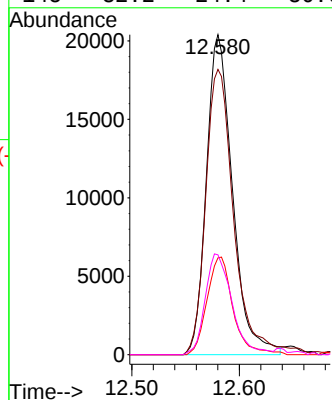
Ion Ratio Lower Upper

180 100

182 96.0 74.3 111.5

184 30.4 24.3 36.5

145 32.2 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 0.921 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.006 min

Lab File: VV037240.D

Acq: 10 Sep 2024 09:31

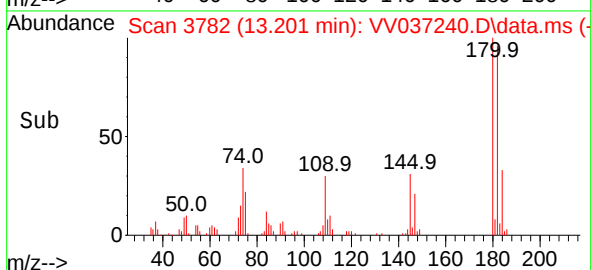
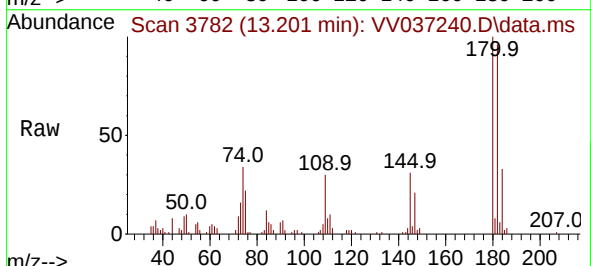
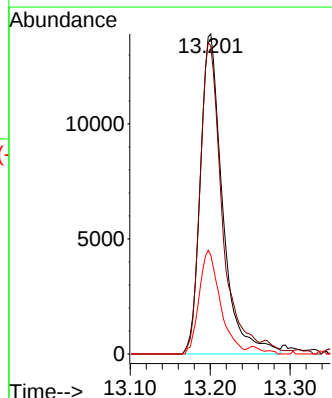
Tgt Ion:180 Resp: 26846

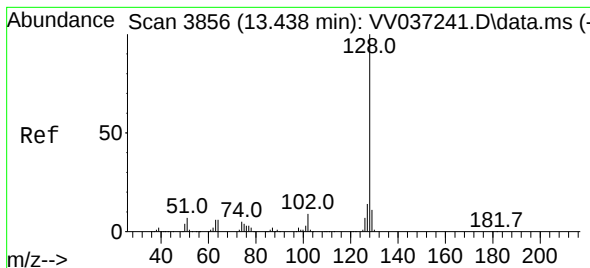
Ion Ratio Lower Upper

180 100

182 95.7 75.4 113.0

145 30.8 25.8 38.6





#71

Naphthalene

Concen: 0.873 ug/L

RT: 13.445 min Scan# 3856

Delta R.T. 0.007 min

Lab File: VV037240.D

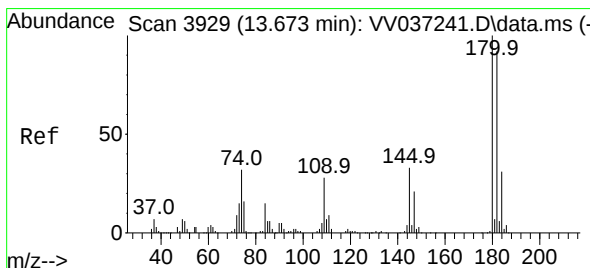
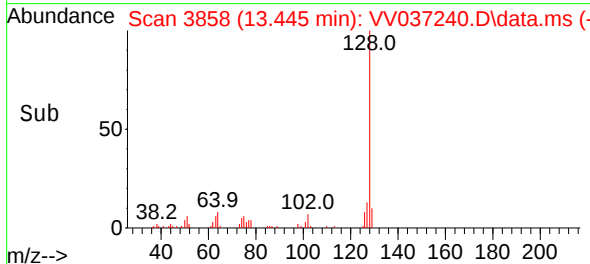
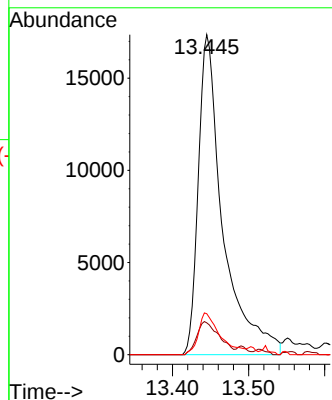
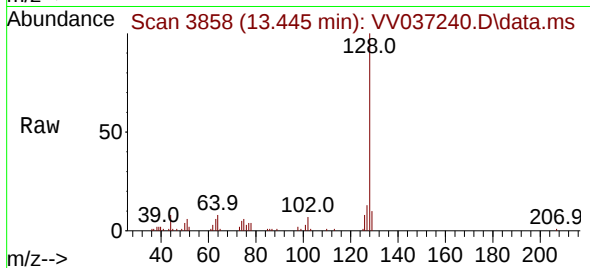
Acq: 10 Sep 2024 09:31

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	38876
Ion	Ratio	Lower	Upper
128	100		
129	9.5	8.6	12.8
127	11.6	10.2	15.2



#72

1,2,3-Trichlorobenzene

Concen: 0.929 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.006 min

Lab File: VV037240.D

Acq: 10 Sep 2024 09:31

Tgt Ion:	180	Resp:	22390
Ion	Ratio	Lower	Upper
180	100		
182	91.9	73.4	110.0
145	34.6	27.2	40.8

