

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036048.D
 Acq On : 13 Jun 2024 08:34
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 01:06:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 13 02:10:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	437970	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	434486	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	238284	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	148385	18.428	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.720%
7) Chloroethane-d5	1.526	69	132606	20.654	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.050	65	71362	19.908	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.640%
21) 2-Butanone-d5	3.844	46	47110	25.500	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.000%
24) Chloroform-d	4.239	84	317770	22.822	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.280%
26) 1,2-Dichloroethane-d4	4.934	65	163008	22.328	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.320%
32) Benzene-d6	4.950	84	585971	22.688	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.760%
36) 1,2-Dichloropropane-d6	5.982	67	189057	23.245	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.000%
41) Toluene-d8	7.236	98	520462	22.839	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.360%
43) trans-1,3-Dichloroprop...	7.548	79	76347	22.894	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.560%
47) 2-Hexanone-d5	8.030	63	58468	53.060	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.120%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	151146	24.869	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.480%
66) 1,2-Dichlorobenzene-d4	11.554	152	195506	22.374	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	163380	20.689	ug/L	100
3) Chloromethane	1.211	50	205507	22.676	ug/L	99
5) Vinyl chloride	1.278	62	228788	23.979	ug/L	100
6) Bromomethane	1.484	94	138261	23.359	ug/L	100
8) Chloroethane	1.545	64	147921	24.942	ug/L	98
9) Trichlorofluoromethane	1.706	101	300274	25.342	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	195750	26.031	ug/L	99
12) 1,1-Dichloroethene	2.059	96	175371	25.005	ug/L	97
13) Acetone	2.384	43	75678	26.297	ug/L	69
14) Carbon disulfide	2.230	76	546809	22.452	ug/L	100
15) Methyl Acetate	2.384	43	89429	25.001	ug/L	97
16) Methylene chloride	2.439	84	212635	21.456	ug/L	98
17) trans-1,2-Dichloroethene	2.686	96	186134	24.984	ug/L	97
18) Methyl tert-butyl Ether	2.699	73	445684	26.647	ug/L	100
19) 1,1-Dichloroethane	3.101	63	370630	26.123	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	192008	25.649	ug/L	99
22) 2-Butanone	3.908	43	32944	13.491	ug/L #	48
23) Bromochloromethane	4.137	128	97025	25.838	ug/L	98
25) Chloroform	4.265	83	379759	26.020	ug/L	99

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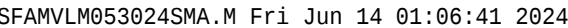
Instrument :
 MSVOA_V
 ClientSampleId :

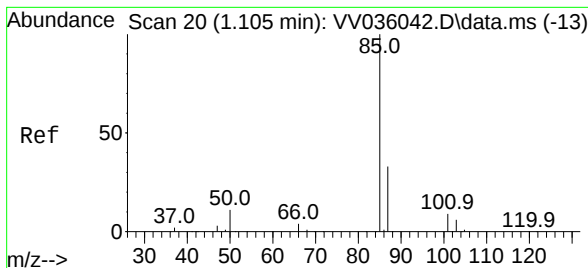
Quant Time: Jun 14 01:06:28 2024
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 Quant Title : VOC Analysis
 QLast Update : Thu Jun 13 02:10:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	242003	26.560	ug/L	100
29) Cyclohexane	4.574	56	277745	26.848	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	317887	26.762	ug/L	99
31) Carbon tetrachloride	4.725	117	274275	26.321	ug/L	100
33) Benzene	5.002	78	771096	27.135	ug/L	100
34) Trichloroethene	5.825	95	229859	26.392	ug/L	99
35) Methylcyclohexane	6.043	83	320915	26.645	ug/L	98
37) 1,2-Dichloropropane	6.085	63	212062	28.420	ug/L	99
38) Bromodichloromethane	6.426	83	270439	27.383	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	302092	27.069	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	234586	57.866	ug/L	99
42) Toluene	7.310	91	820914	28.271	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	270820	28.094	ug/L	97
45) 1,1,2-Trichloroethane	7.763	97	168784	27.338	ug/L	99
46) Tetrachloroethene	7.899	164	161570	25.365	ug/L	98
48) 2-Hexanone	8.079	43	183535	57.910	ug/L	98
49) Dibromochloromethane	8.172	129	181829	26.910	ug/L	100
50) 1,2-Dibromoethane	8.278	107	158236	26.711	ug/L	98
51) Chlorobenzene	8.808	112	519043	26.235	ug/L	98
52) Ethylbenzene	8.940	91	874681	28.155	ug/L	98
53) m,p-Xylene	9.069	106	331177	28.371	ug/L	98
54) o-Xylene	9.474	106	309113	28.080	ug/L	98
55) Styrene	9.490	104	578596	29.806	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	150759	27.271	ug/L	99
59) Bromoform	9.660	173	117566	26.162	ug/L	100
60) Isopropylbenzene	9.863	105	861846	28.192	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	150634	26.729	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	613174	27.661	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	677944	28.385	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	420336	26.182	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	434615	26.228	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	398636	26.387	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	32921	26.124	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	305985	25.480	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	241028	25.491	ug/L	99
71) Naphthalene	13.435	128	396401	25.689	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	228811	26.518	ug/L	98

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

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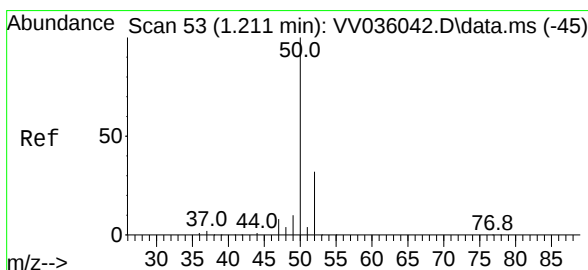
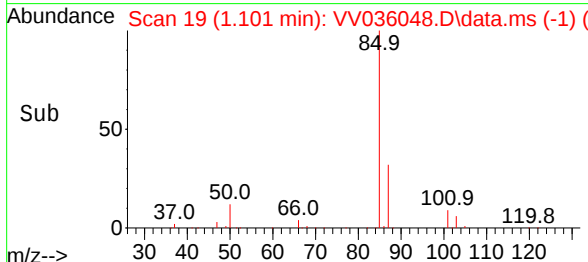
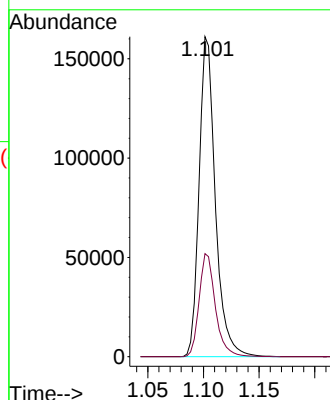
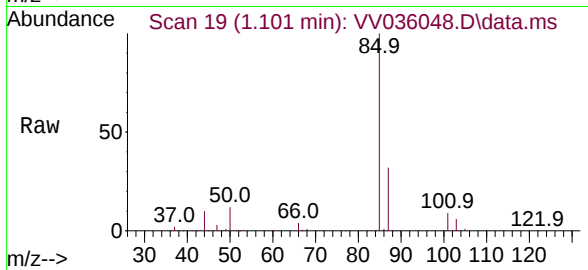




#2
Dichlorodifluoromethane
Concen: 20.689 ug/L
RT: 1.101 min Scan# 19
Delta R.T. -0.003 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

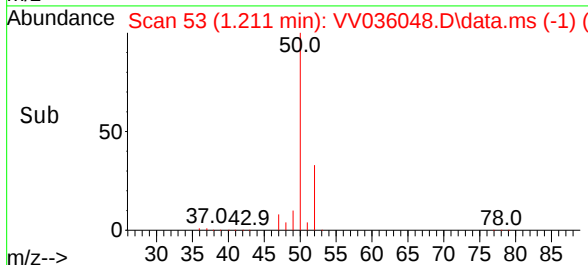
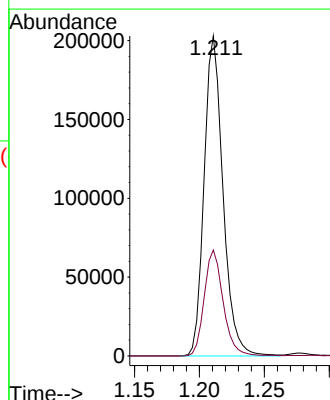
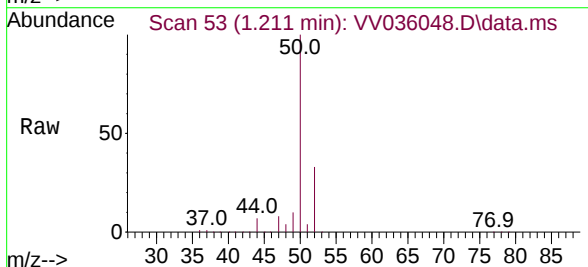
Instrument :
MSVOA_V
ClientSampleId :

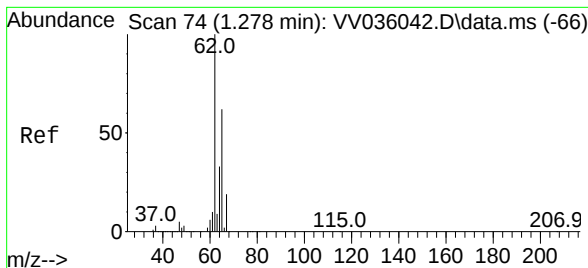
Tgt Ion: 85 Resp: 163380
Ion Ratio Lower Upper
85 100
87 32.2 25.9 38.9



#3
Chloromethane
Concen: 22.676 ug/L
RT: 1.211 min Scan# 53
Delta R.T. 0.000 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

Tgt Ion: 50 Resp: 205507
Ion Ratio Lower Upper
50 100
52 33.1 22.8 42.4





#5

Vinyl chloride

Concen: 23.979 ug/L

RT: 1.278 min Scan# 74

Delta R.T. 0.000 min

Lab File: VV036048.D

Acq: 13 Jun 2024 08:34

Instrument :

MSVOA_V

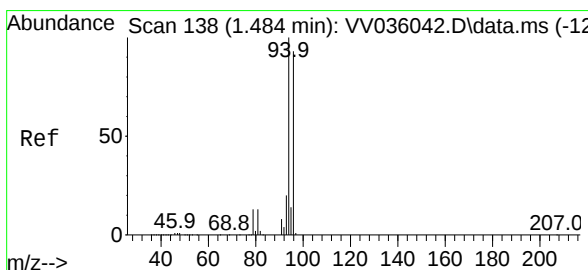
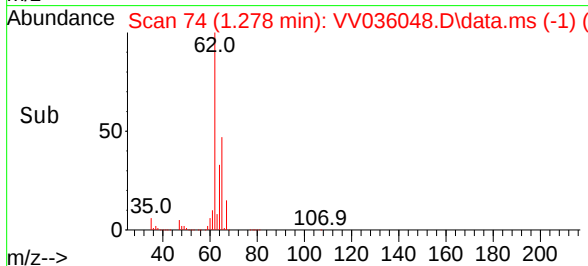
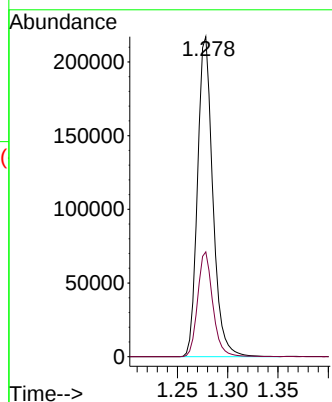
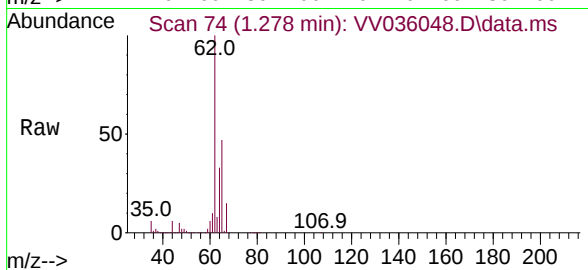
ClientSampleId :

Tgt Ion: 62 Resp: 228788

Ion Ratio Lower Upper

62 100

64 32.8 22.9 42.5



#6

Bromomethane

Concen: 23.359 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.000 min

Lab File: VV036048.D

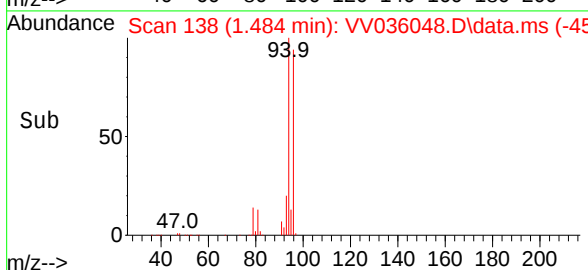
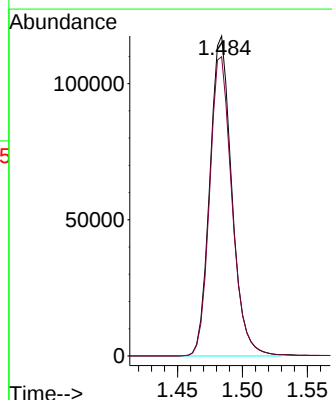
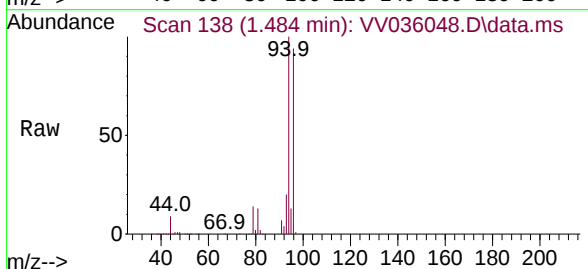
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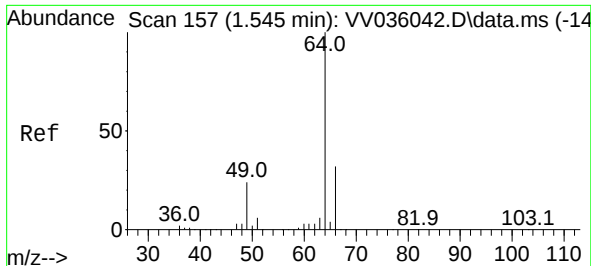
Tgt Ion: 94 Resp: 138261

Ion Ratio Lower Upper

94 100

96 93.5 65.7 122.1

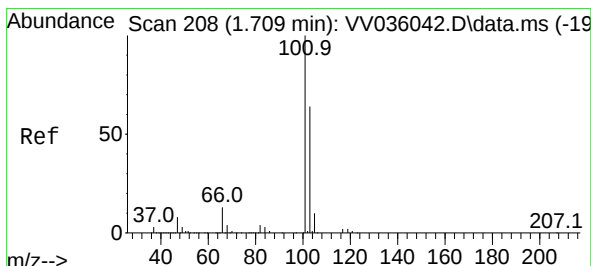
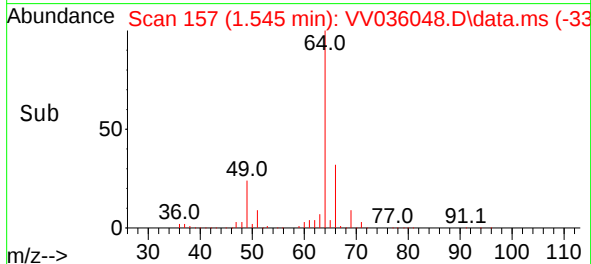
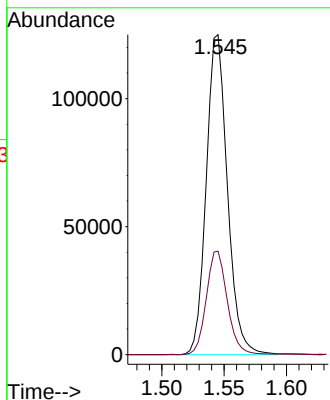
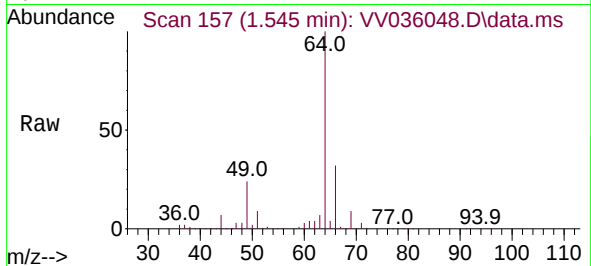




#8
Chloroethane
Concen: 24.942 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

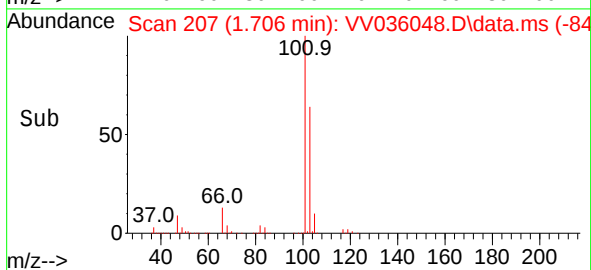
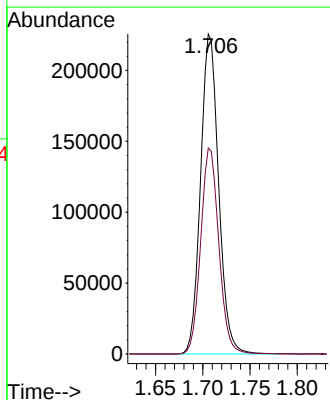
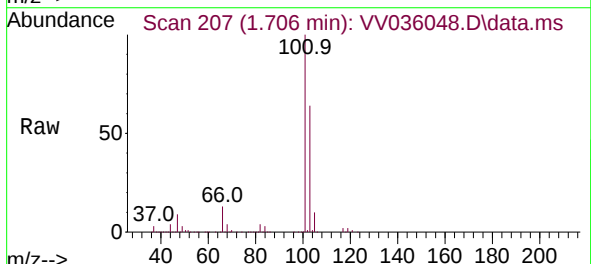
Instrument :
MSVOA_V
ClientSampleId :

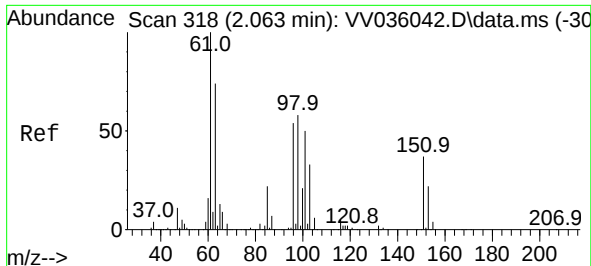
Tgt Ion: 64 Resp: 147921
Ion Ratio Lower Upper
64 100
66 32.4 22.0 41.0



#9
Trichlorofluoromethane
Concen: 25.342 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

Tgt Ion:101 Resp: 300274
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.8

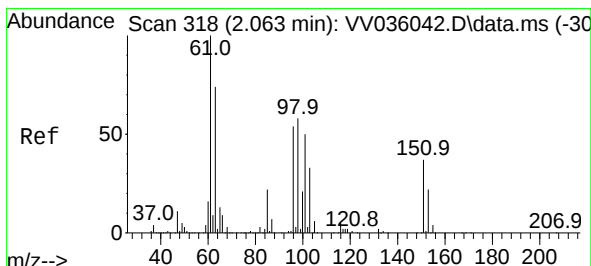
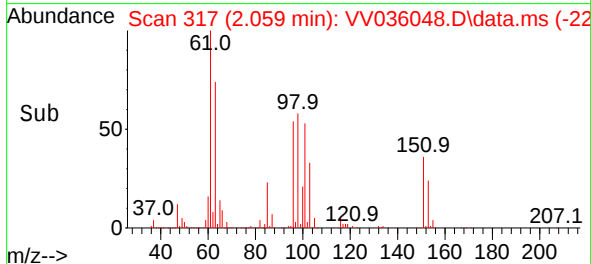
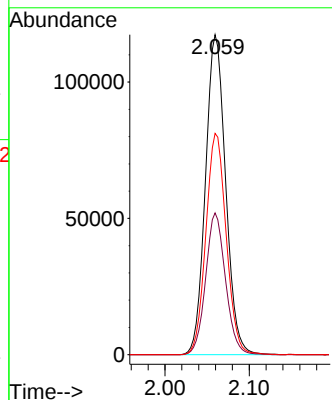
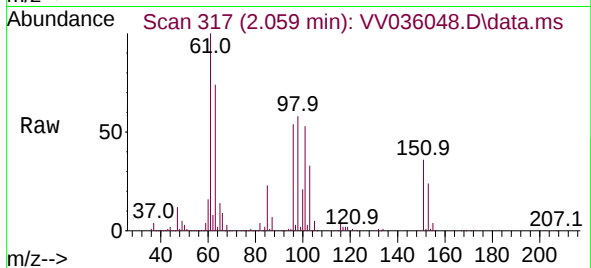




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.031 ug/L
RT: 2.059 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

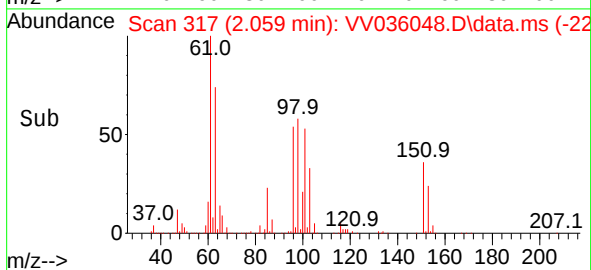
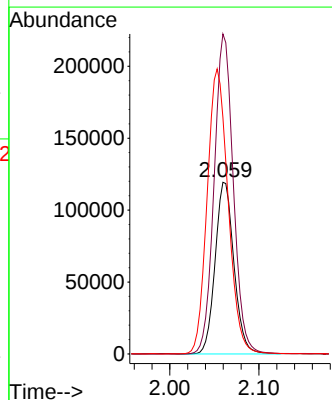
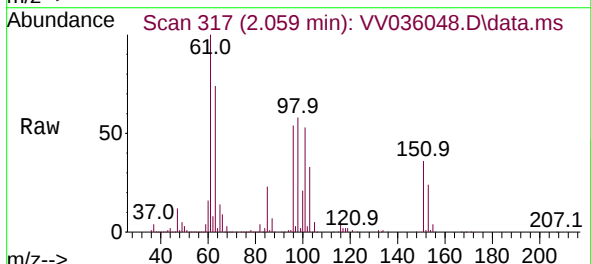
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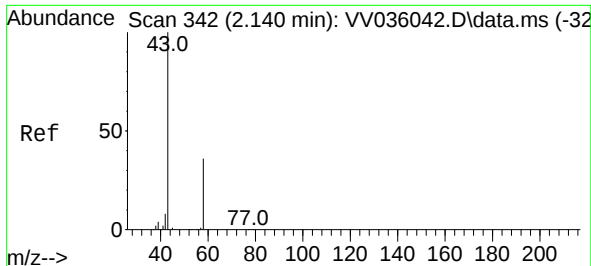
Tgt Ion:101 Resp: 195750
Ion Ratio Lower Upper
101 100
85 43.6 34.5 51.7
151 69.8 56.3 84.5



#12
1,1-Dichloroethene
Concen: 25.005 ug/L
RT: 2.059 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

Tgt Ion: 96 Resp: 175371
Ion Ratio Lower Upper
96 100
61 186.5 127.3 236.3
63 137.8 93.7 173.9





#13

Acetone

Concen: 26.297 ug/L

RT: 2.384 min Scan# 41

Delta R.T. 0.244 min

Lab File: VV036048.D

Acq: 13 Jun 2024 08:34

Instrument :

MSVOA_V

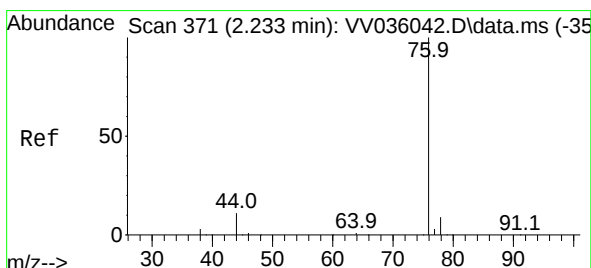
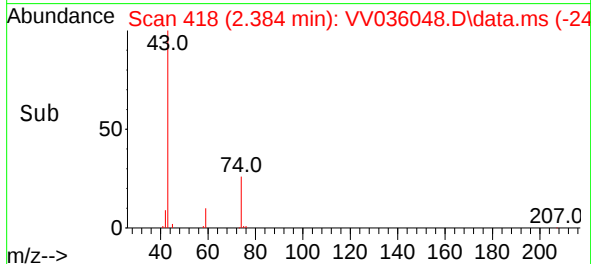
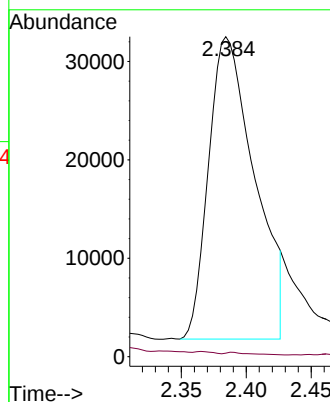
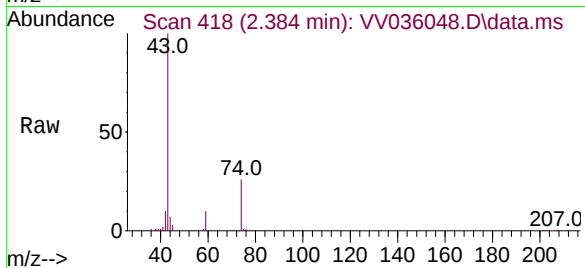
ClientSampleId :

Tgt Ion: 43 Resp: 75678

Ion Ratio Lower Upper

43 100

58 0.2 0.0 24.2



#14

Carbon disulfide

Concen: 22.452 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.003 min

Lab File: VV036048.D

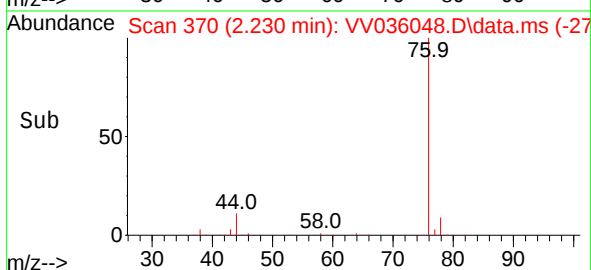
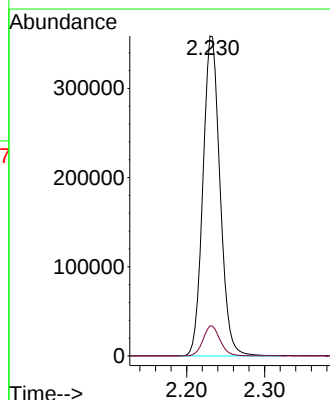
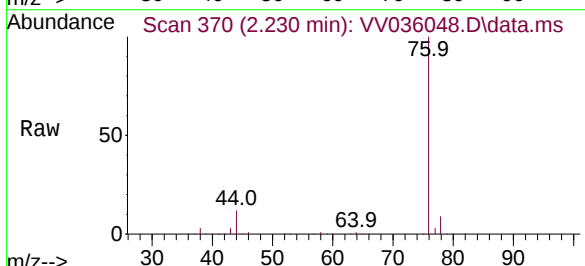
Acq: 13 Jun 2024 08:34

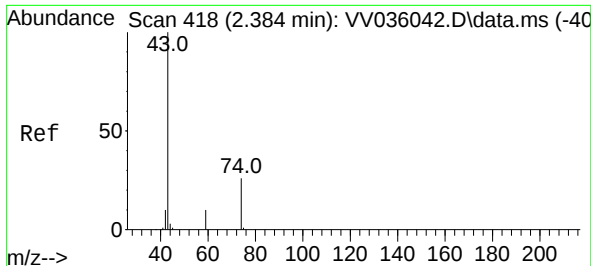
Tgt Ion: 76 Resp: 546809

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2





#15

Methyl Acetate

Concen: 25.001 ug/L

RT: 2.384 min Scan# 418

Delta R.T. 0.000 min

Lab File: VV036048.D

Acq: 13 Jun 2024 08:34

Instrument :

MSVOA_V

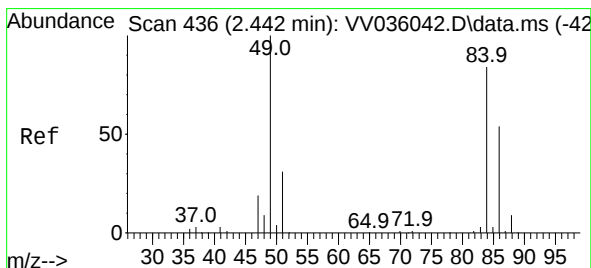
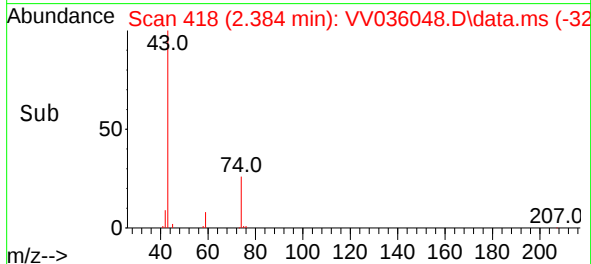
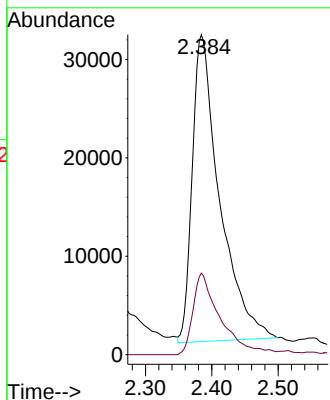
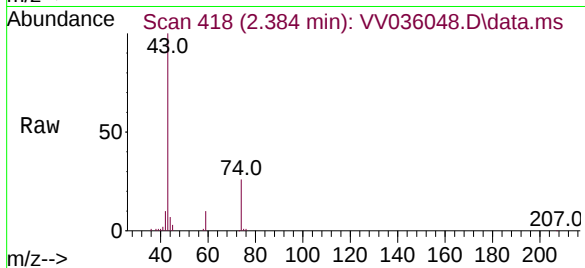
ClientSampleId :

Tgt Ion: 43 Resp: 89429

Ion Ratio Lower Upper

43 100

74 25.4 21.4 32.2



#16

Methylene chloride

Concen: 21.456 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.003 min

Lab File: VV036048.D

Acq: 13 Jun 2024 08:34

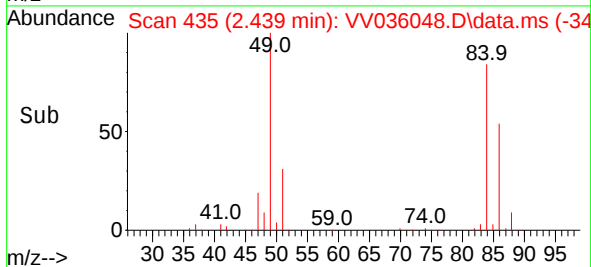
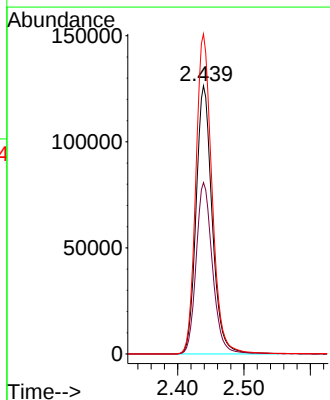
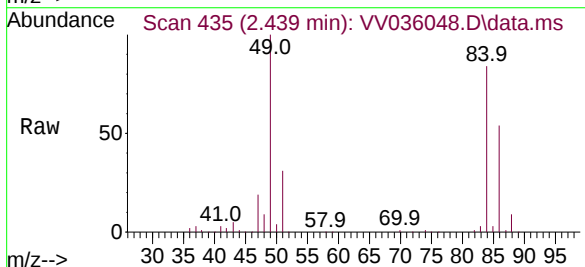
Tgt Ion: 84 Resp: 212635

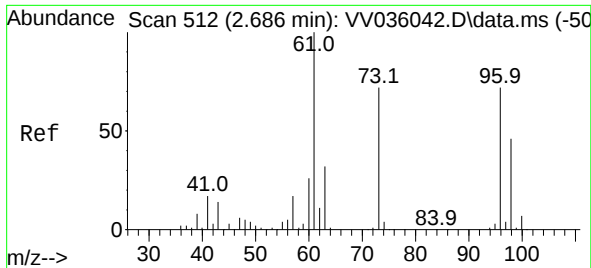
Ion Ratio Lower Upper

84 100

86 63.9 44.6 82.8

49 119.3 81.1 150.5

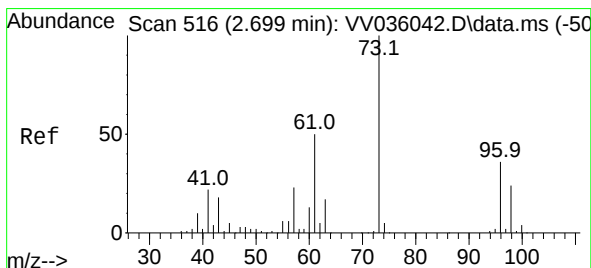
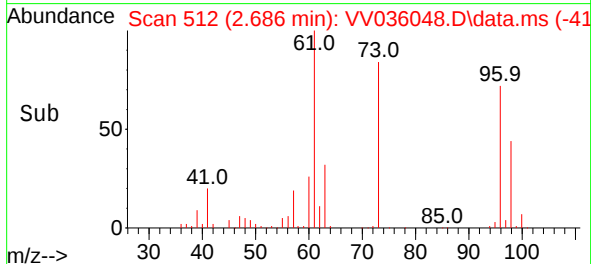
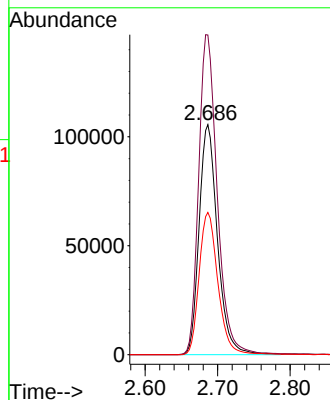
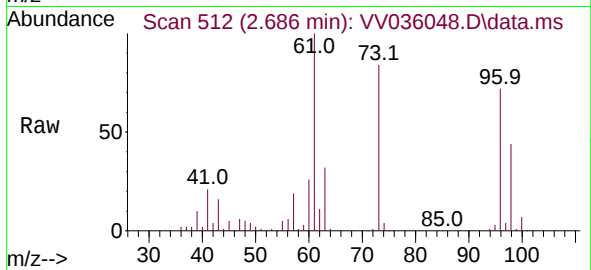




#17
trans-1,2-Dichloroethene
Concen: 24.984 ug/L
RT: 2.686 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

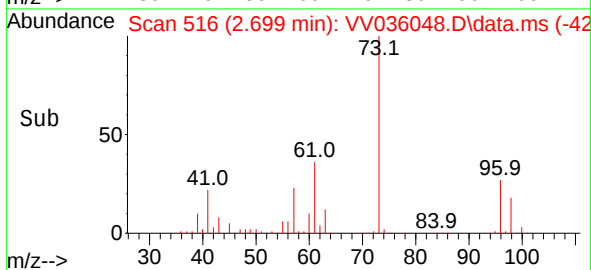
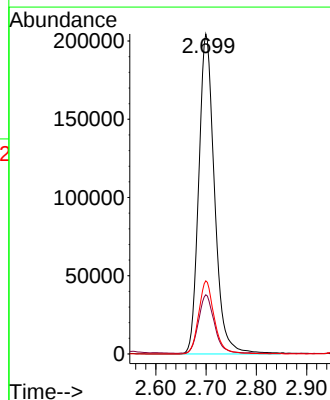
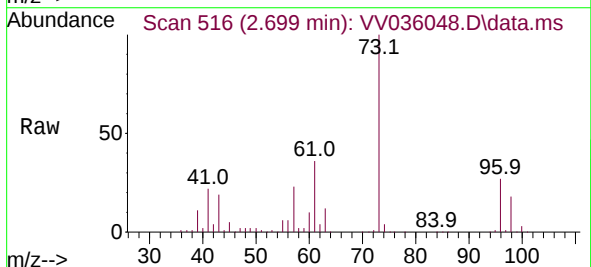
Instrument :
MSVOA_V
ClientSampleId :

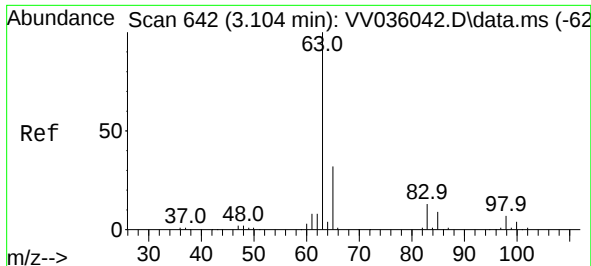
Tgt Ion: 96 Resp: 186134
Ion Ratio Lower Upper
96 100
61 139.0 99.4 184.6
98 61.8 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 26.647 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

Tgt Ion: 73 Resp: 445684
Ion Ratio Lower Upper
73 100
43 18.0 14.3 21.5
57 22.5 17.8 26.6

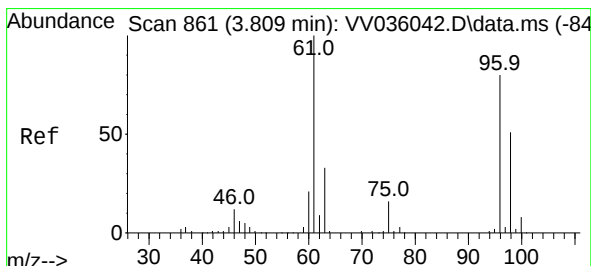
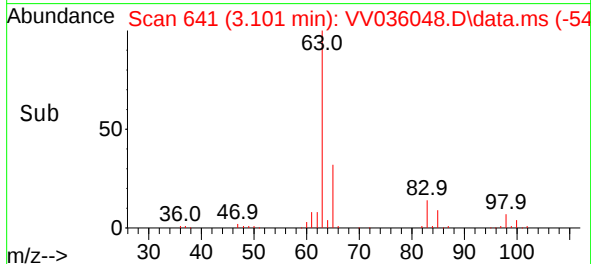
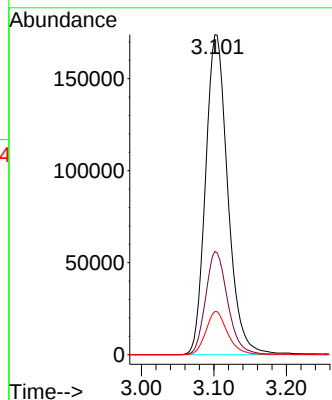
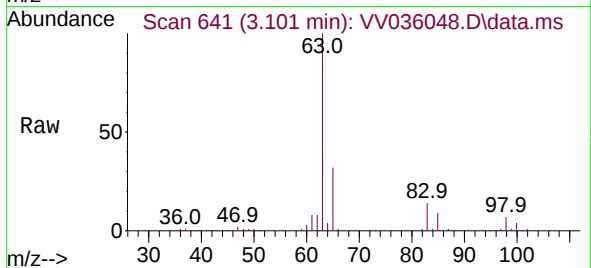




#19
1,1-Dichloroethane
Concen: 26.123 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.003 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

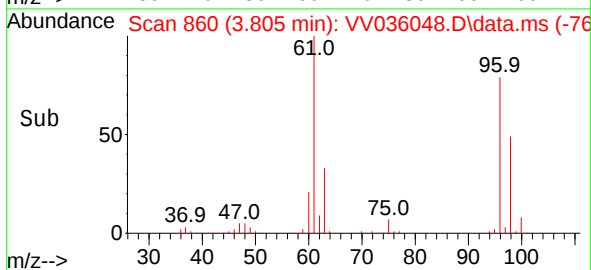
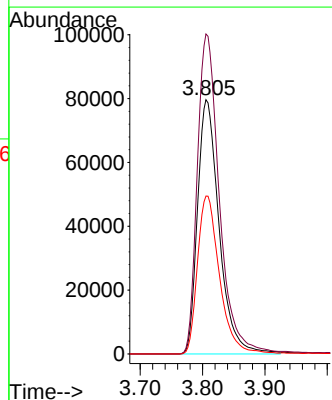
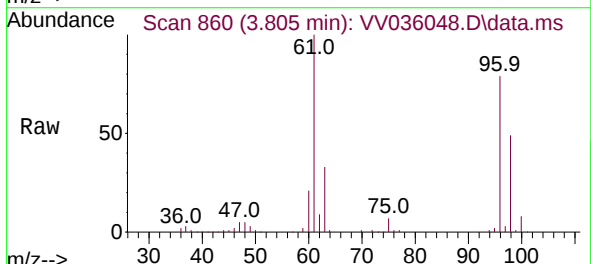
Instrument :
MSVOA_V
ClientSampleId :

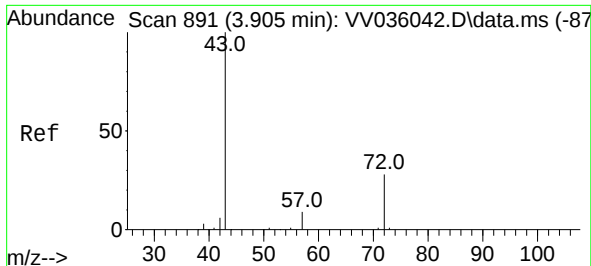
Tgt Ion: 63 Resp: 370630
Ion Ratio Lower Upper
63 100
65 32.3 22.4 41.6
83 13.5 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 25.649 ug/L
RT: 3.805 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

Tgt Ion: 96 Resp: 192008
Ion Ratio Lower Upper
96 100
61 125.8 87.9 163.3
98 62.1 44.4 82.5

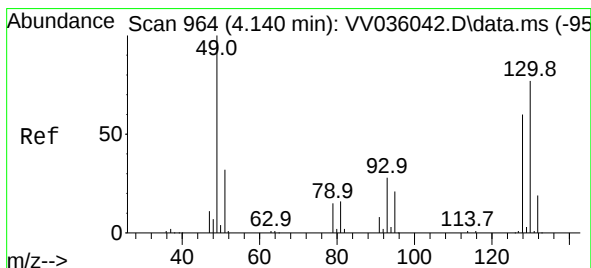
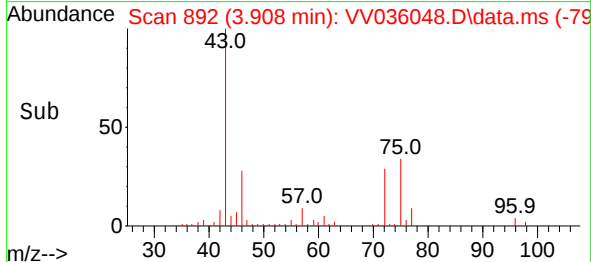
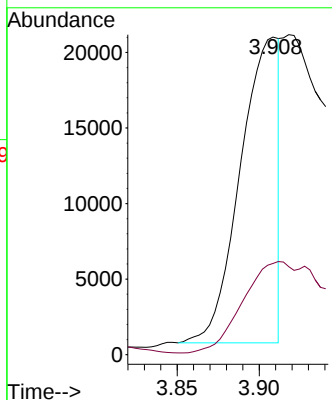
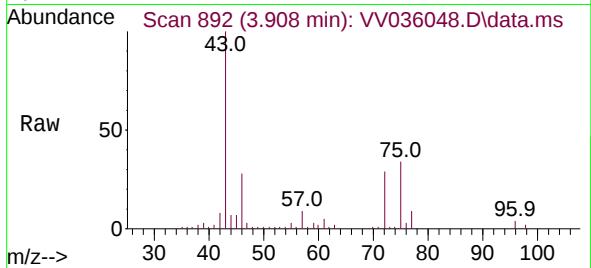




#22
2-Butanone
Concen: 13.491 ug/L
RT: 3.908 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

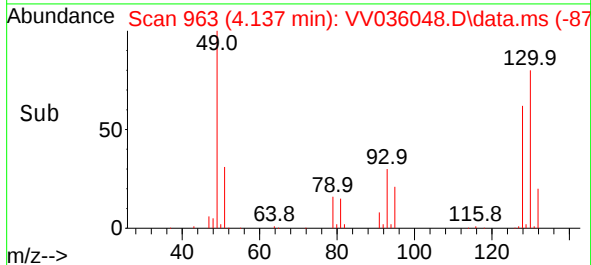
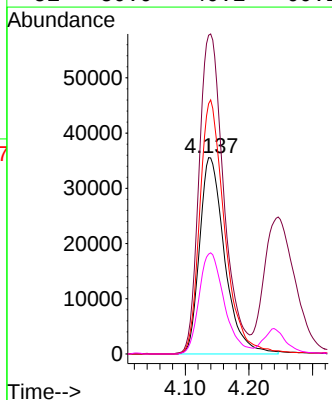
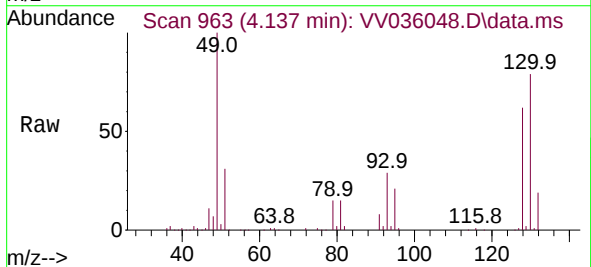
Instrument :
MSVOA_V
ClientSampleId :

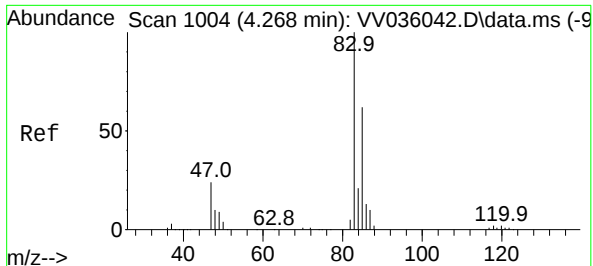
Tgt Ion: 43 Resp: 32944
Ion Ratio Lower Upper
43 100
72 38.5 8.2 24.4#



#23
Bromochloromethane
Concen: 25.838 ug/L
RT: 4.137 min Scan# 963
Delta R.T. -0.003 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

Tgt Ion:128 Resp: 97025
Ion Ratio Lower Upper
128 100
49 162.4 110.2 204.6
130 127.5 90.2 167.4
51 50.9 40.2 60.2





#25

Chloroform

Concen: 26.020 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV036048.D

Acq: 13 Jun 2024 08:34

Instrument :

MSVOA_V

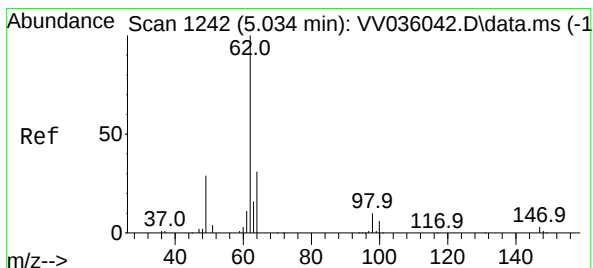
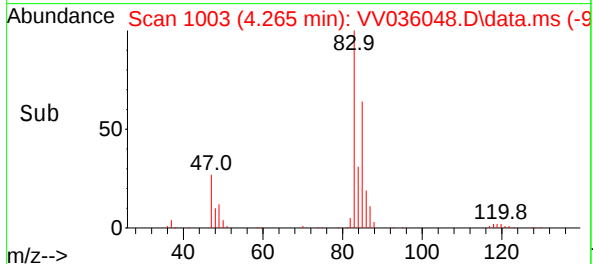
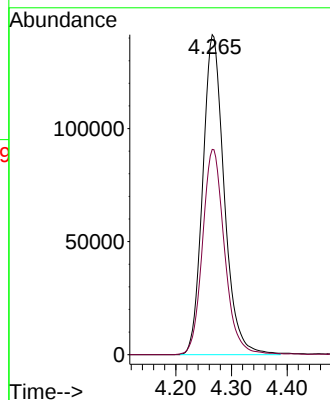
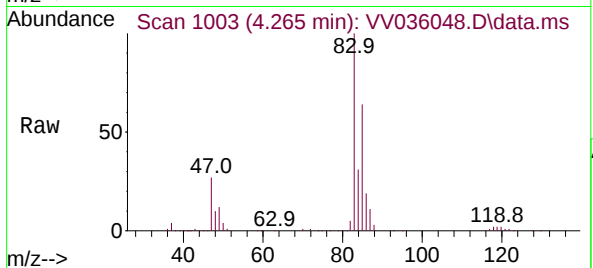
ClientSampleId :

Tgt Ion: 83 Resp: 379759

Ion Ratio Lower Upper

83 100

85 64.1 45.2 84.0



#27

1,2-Dichloroethane

Concen: 26.560 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VV036048.D

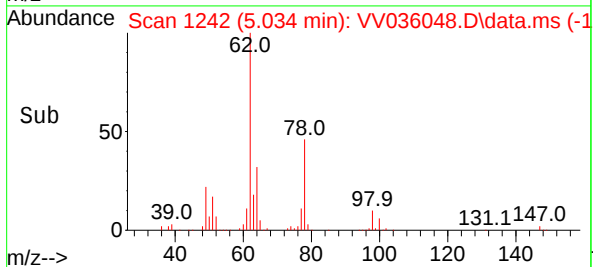
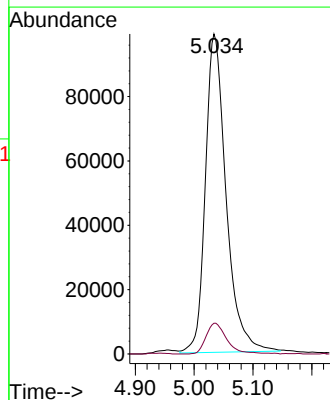
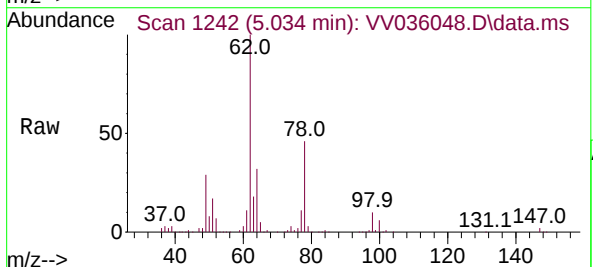
Acq: 13 Jun 2024 08:34

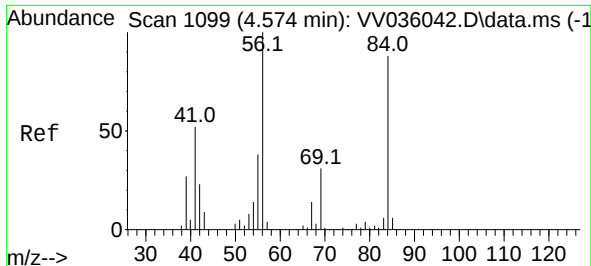
Tgt Ion: 62 Resp: 242003

Ion Ratio Lower Upper

62 100

98 9.6 7.8 11.6





#29

Cyclohexane

Concen: 26.848 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VV036048.D

Acq: 13 Jun 2024 08:34

Instrument :

MSVOA_V

ClientSampleId :

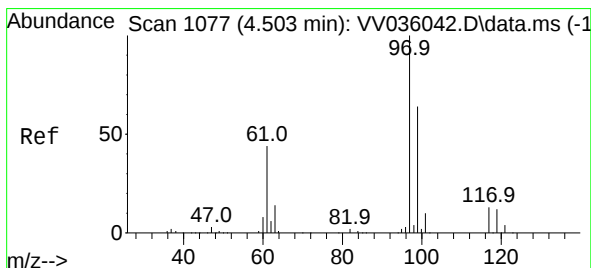
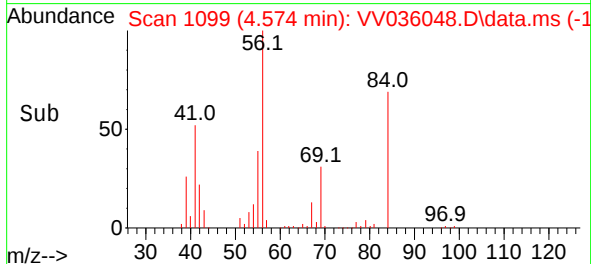
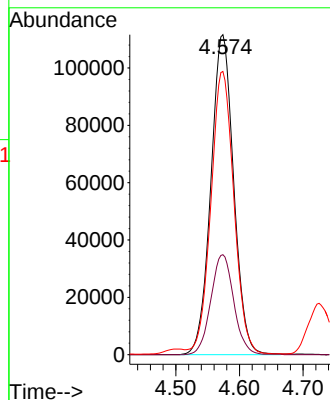
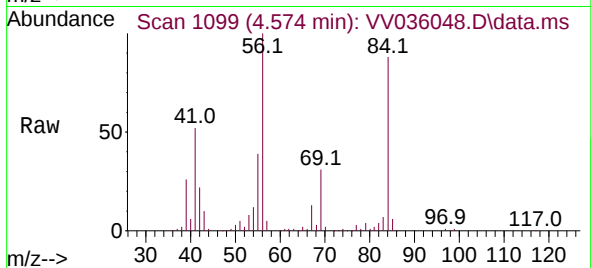
Tgt Ion: 56 Resp: 277745

Ion Ratio Lower Upper

56 100

69 31.4 25.2 37.8

84 88.9 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 26.762 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.003 min

Lab File: VV036048.D

Acq: 13 Jun 2024 08:34

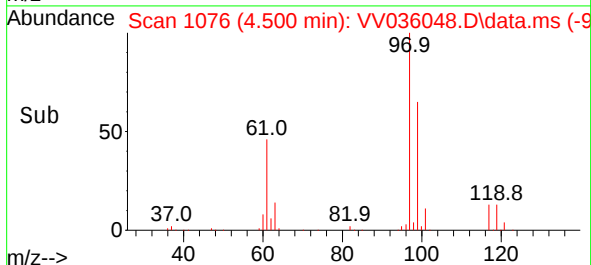
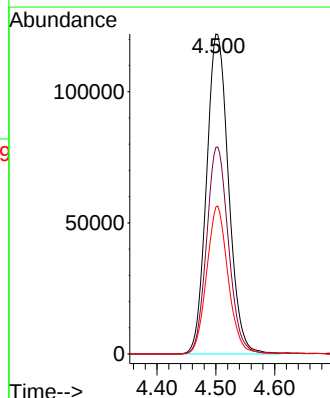
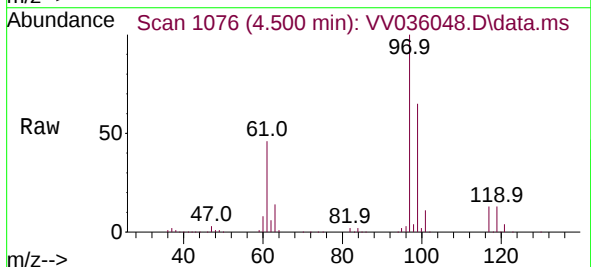
Tgt Ion: 97 Resp: 317887

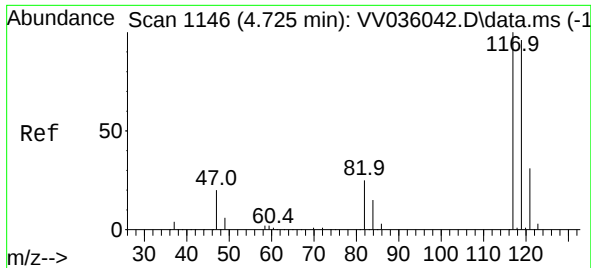
Ion Ratio Lower Upper

97 100

99 64.3 50.9 76.3

61 45.1 35.0 52.6

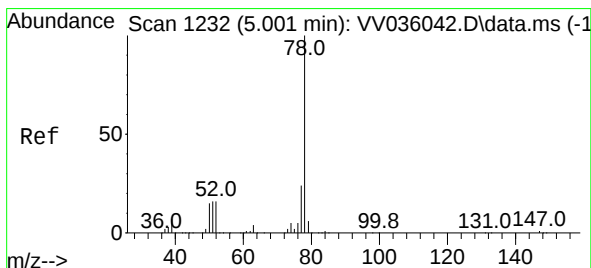
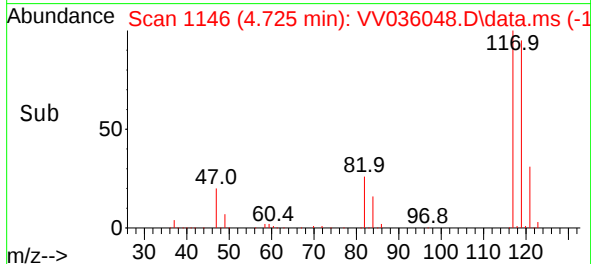
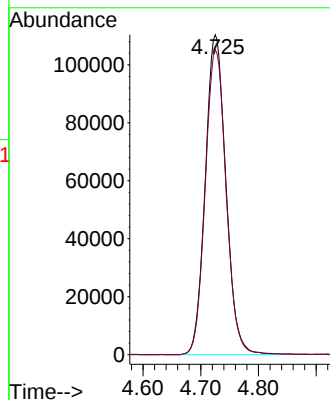
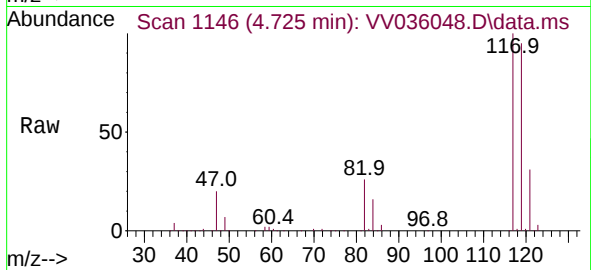




#31
Carbon tetrachloride
Concen: 26.321 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

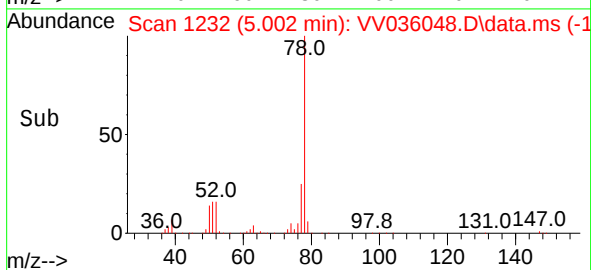
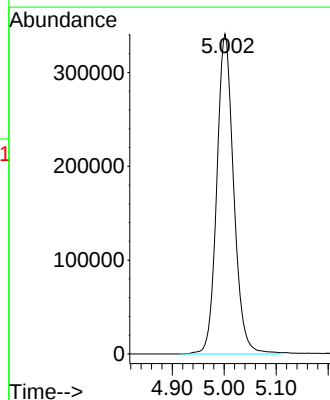
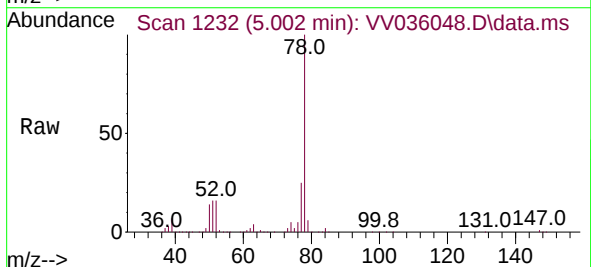
Instrument :
MSVOA_V
ClientSampleId :

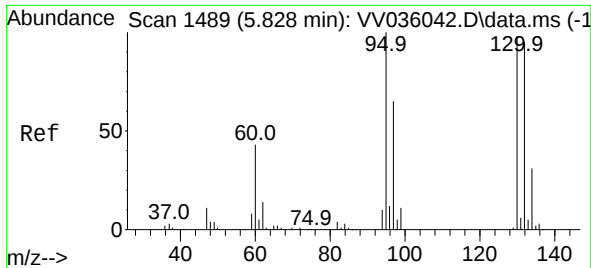
Tgt Ion:117 Resp: 274275
Ion Ratio Lower Upper
117 100
119 96.3 76.8 115.2



#33
Benzene
Concen: 27.135 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

Tgt Ion: 78 Resp: 771096

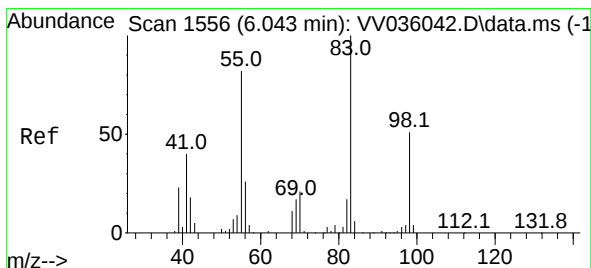
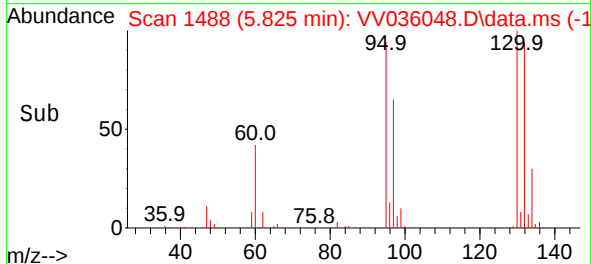
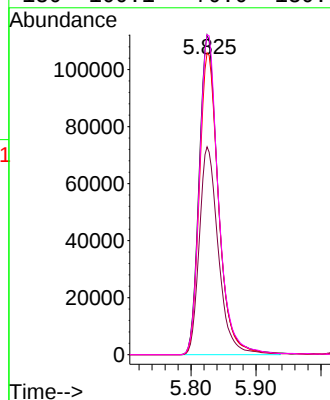
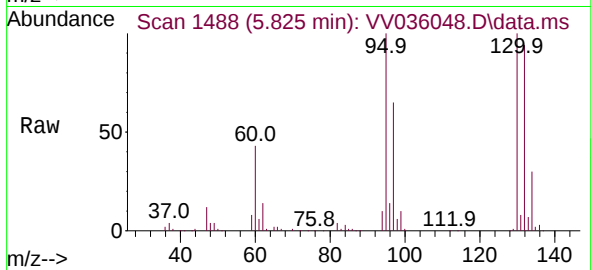




#34
Trichloroethene
Concen: 26.392 ug/L
RT: 5.825 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

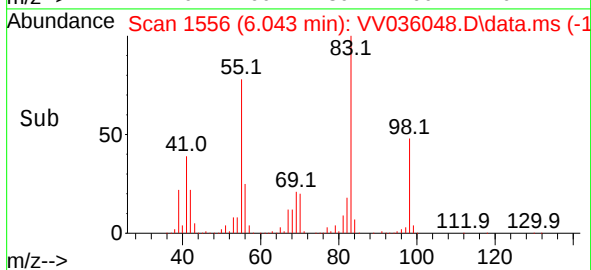
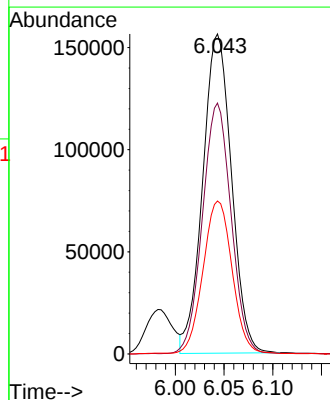
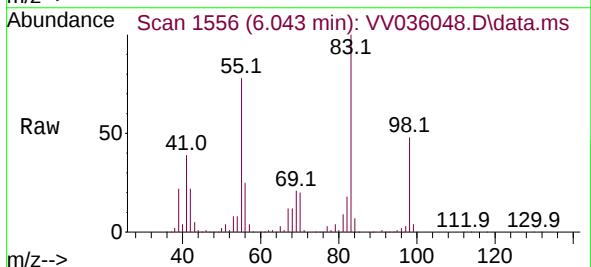
Instrument :
MSVOA_V
ClientSampleId :

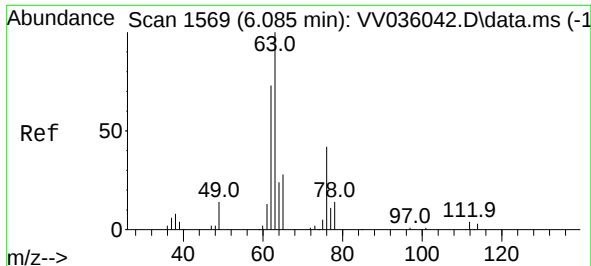
Tgt Ion: 95 Resp: 229859
Ion Ratio Lower Upper
95 100
97 65.0 44.8 83.2
132 94.4 66.8 124.2
130 100.1 70.0 130.0



#35
Methylcyclohexane
Concen: 26.645 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

Tgt Ion: 83 Resp: 320915
Ion Ratio Lower Upper
83 100
55 78.1 60.7 91.1
98 48.2 38.7 58.1

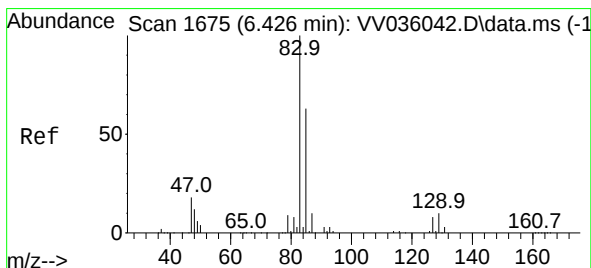
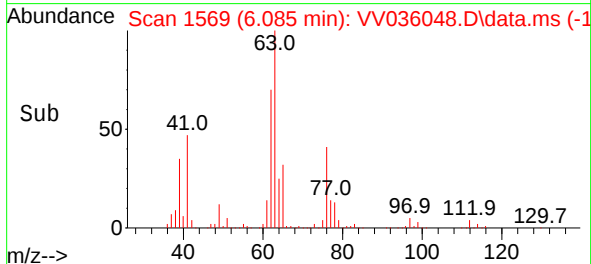
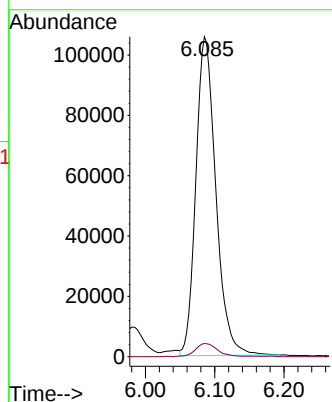
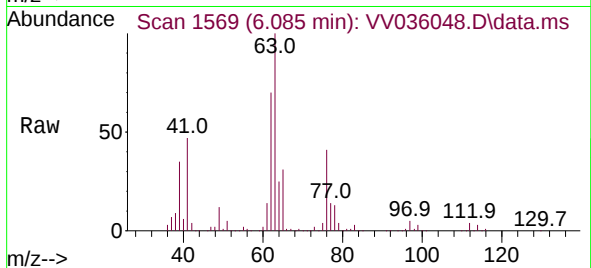




#37
1,2-Dichloropropane
Concen: 28.420 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

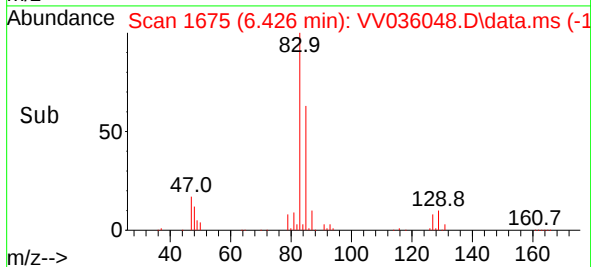
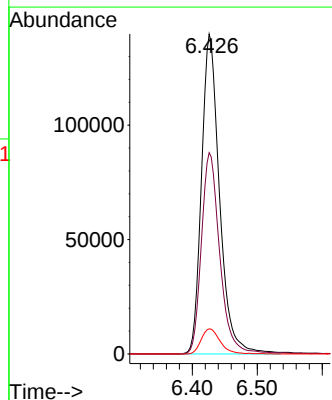
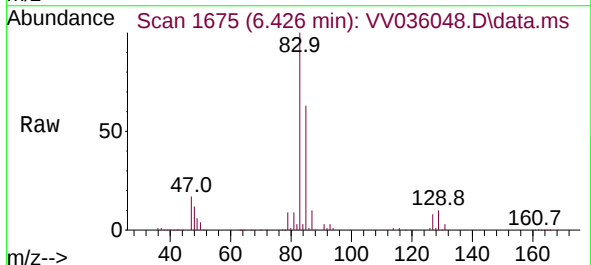
Instrument :
MSVOA_V
ClientSampleId :

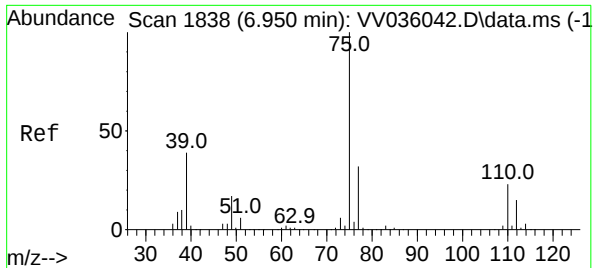
Tgt Ion: 63 Resp: 212062
Ion Ratio Lower Upper
63 100
112 4.6 3.5 5.3



#38
Bromodichloromethane
Concen: 27.383 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

Tgt Ion: 83 Resp: 270439
Ion Ratio Lower Upper
83 100
85 62.9 45.3 84.1
127 7.8 6.7 10.1

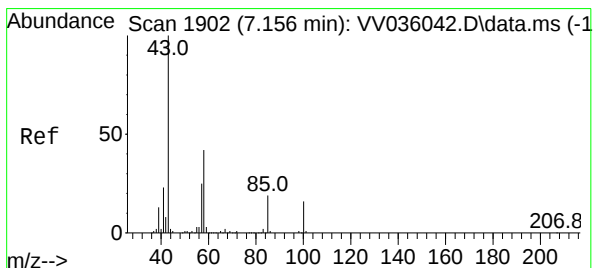
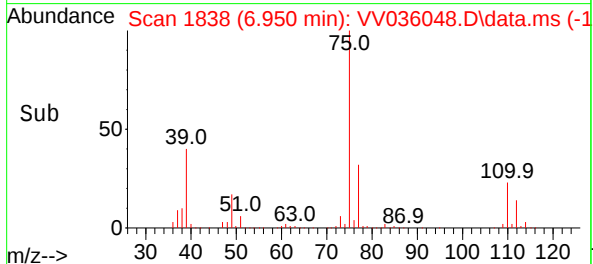
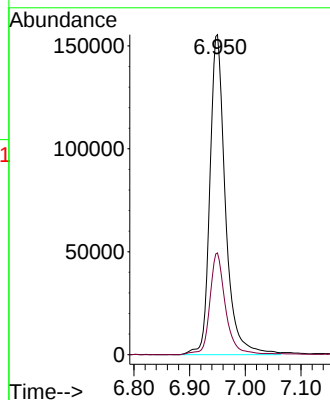
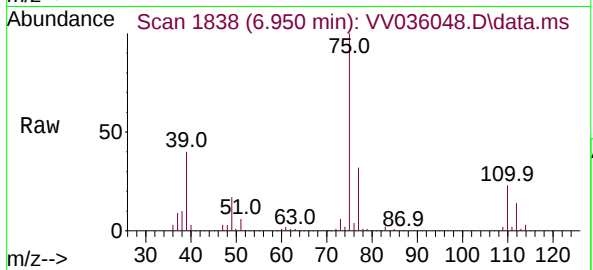




#39
cis-1,3-Dichloropropene
Concen: 27.069 ug/L
RT: 6.950 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

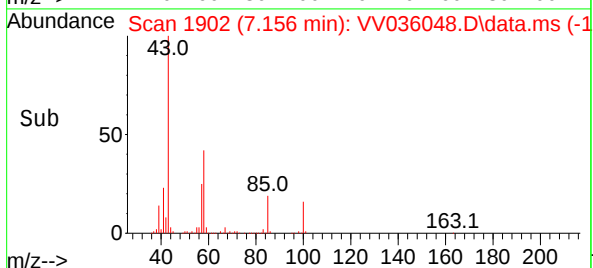
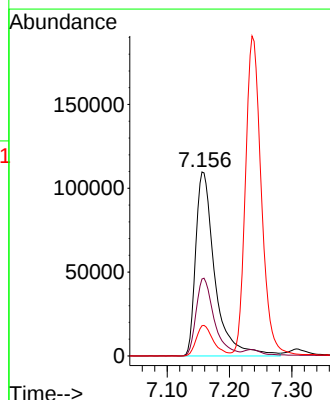
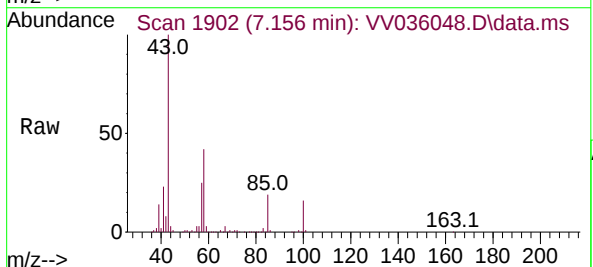
Instrument :
MSVOA_V
ClientSampleId :

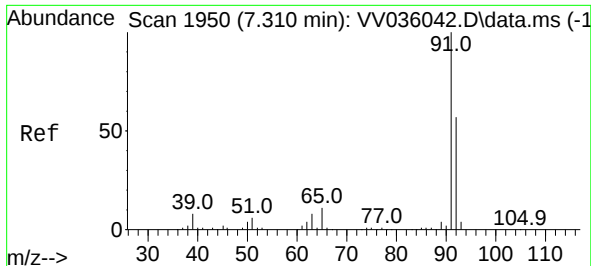
Tgt Ion: 75 Resp: 302092
Ion Ratio Lower Upper
75 100
77 31.8 22.1 41.1



#40
4-Methyl-2-pentanone
Concen: 57.866 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

Tgt Ion: 43 Resp: 234586
Ion Ratio Lower Upper
43 100
58 39.9 32.5 48.7
100 14.9 12.5 18.7





#42

Toluene

Concen: 28.271 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036048.D

Acq: 13 Jun 2024 08:34

Instrument :

MSVOA_V

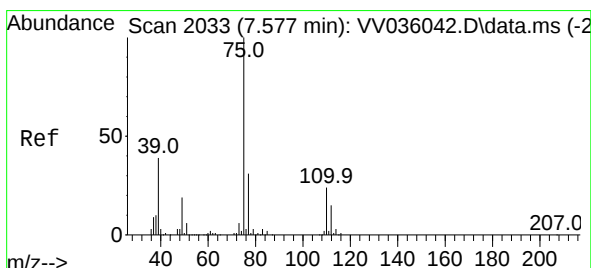
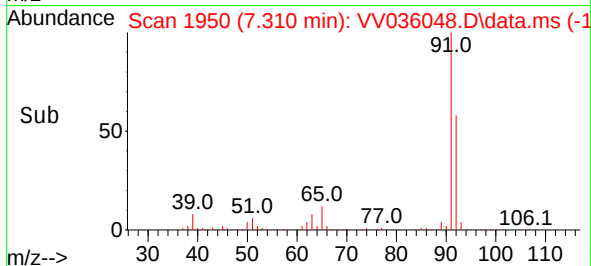
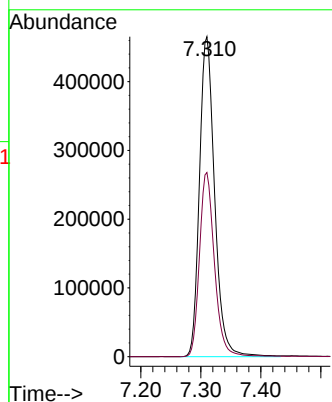
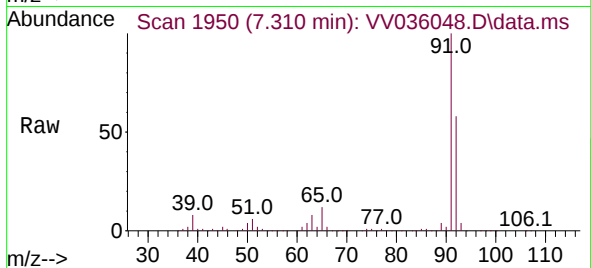
ClientSampleId :

Tgt Ion: 91 Resp: 820914

Ion Ratio Lower Upper

91 100

92 57.6 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 28.094 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV036048.D

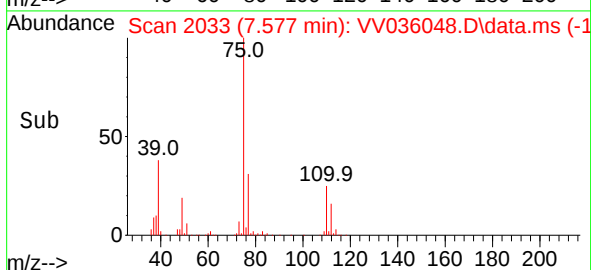
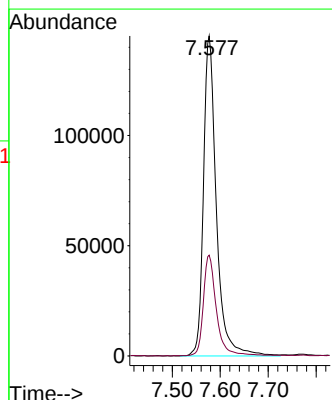
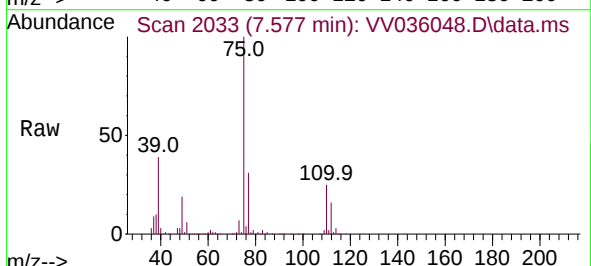
Acq: 13 Jun 2024 08:34

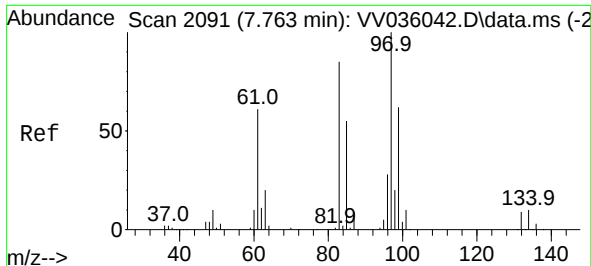
Tgt Ion: 75 Resp: 270820

Ion Ratio Lower Upper

75 100

77 31.5 23.1 42.9

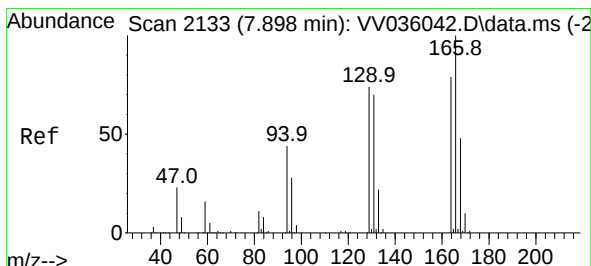
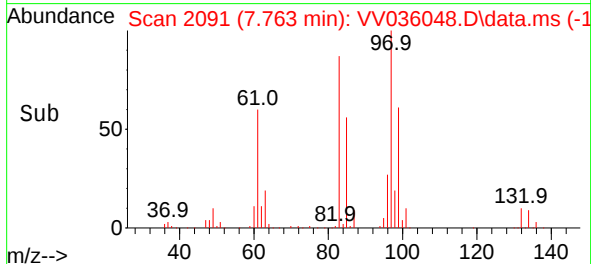
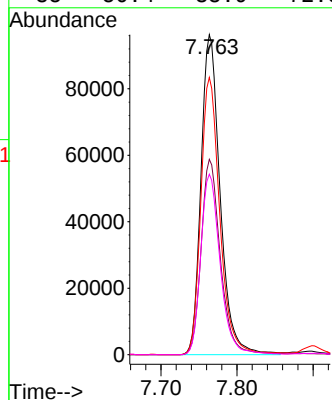
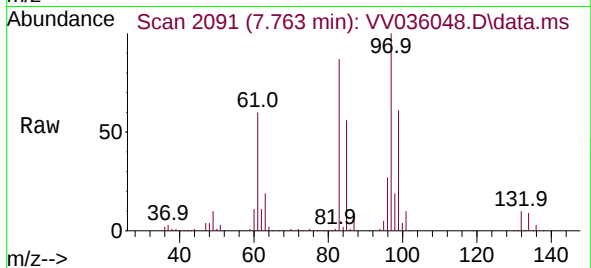




#45
1,1,2-Trichloroethane
Concen: 27.338 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

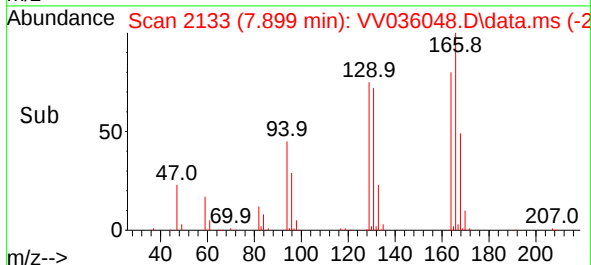
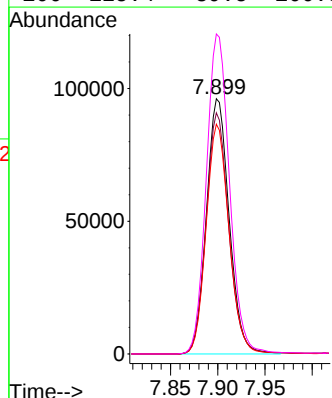
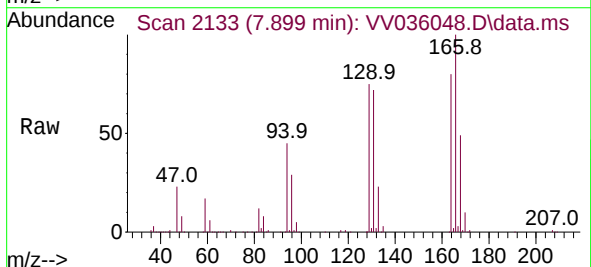
Instrument :
MSVOA_V
ClientSampleId :

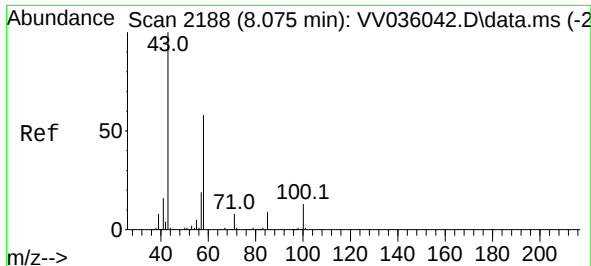
Tgt Ion:	97	Resp:	168784
Ion	Ratio	Lower	Upper
97	100		
99	61.0	43.3	80.5
83	86.7	60.1	111.7
85	56.4	38.9	72.3



#46
Tetrachloroethene
Concen: 25.365 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

Tgt Ion:	164	Resp:	161570
Ion	Ratio	Lower	Upper
164	100		
129	94.4	64.6	120.0
131	90.0	63.2	117.4
166	125.4	89.5	166.3





#48

2-Hexanone

Concen: 57.910 ug/L

RT: 8.079 min Scan# 2188

Delta R.T. 0.003 min

Lab File: VV036048.D

Acq: 13 Jun 2024 08:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 183535

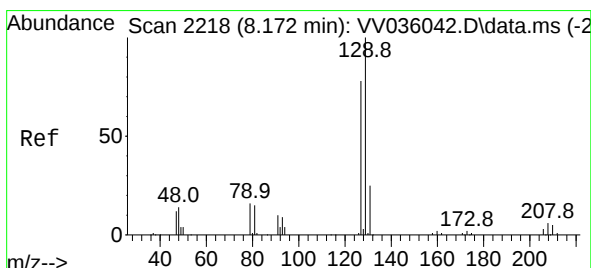
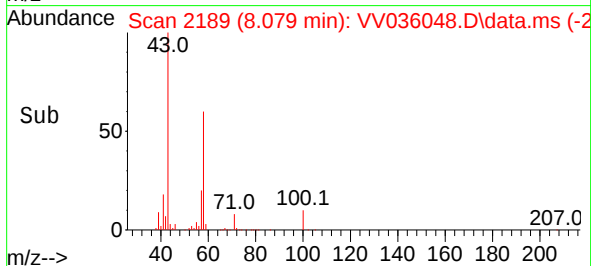
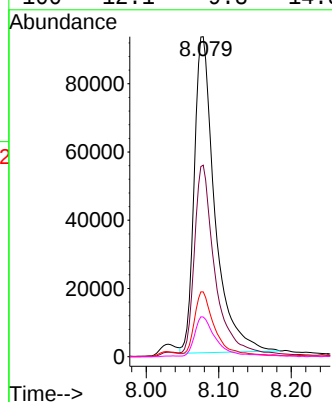
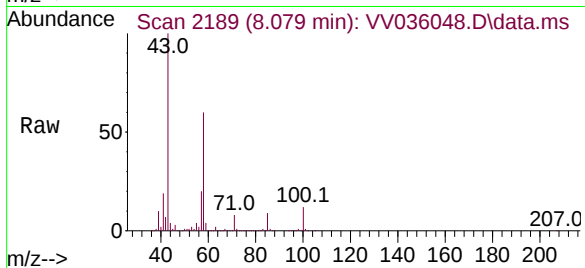
Ion Ratio Lower Upper

43 100

58 58.1 45.4 68.0

57 19.4 15.8 23.8

100 12.1 9.8 14.8



#49

Dibromochloromethane

Concen: 26.910 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.000 min

Lab File: VV036048.D

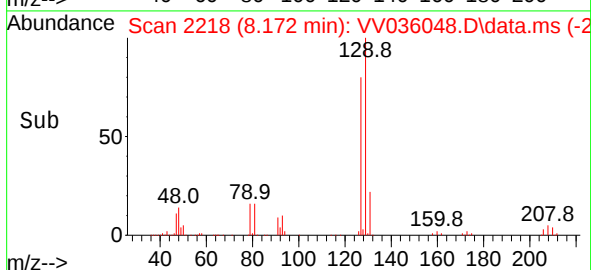
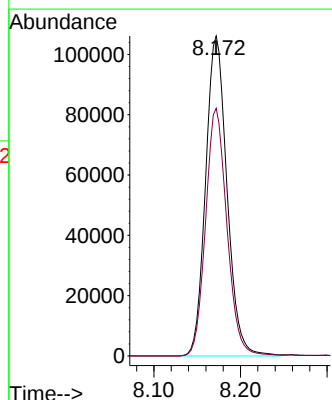
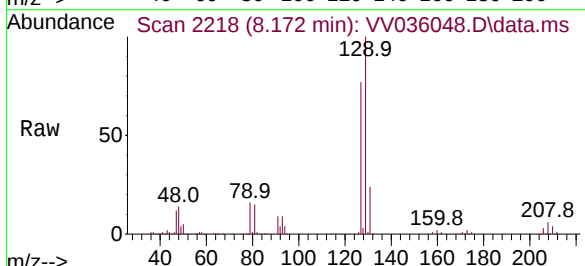
Acq: 13 Jun 2024 08:34

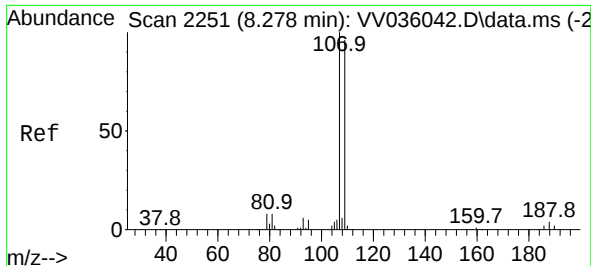
Tgt Ion: 129 Resp: 181829

Ion Ratio Lower Upper

129 100

127 77.4 53.9 100.1

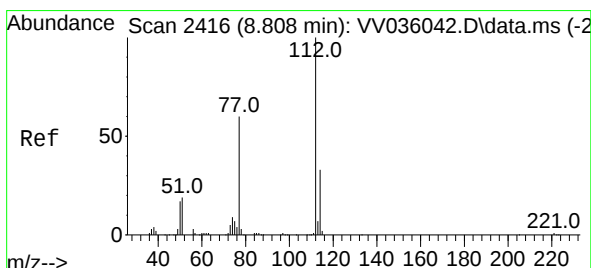
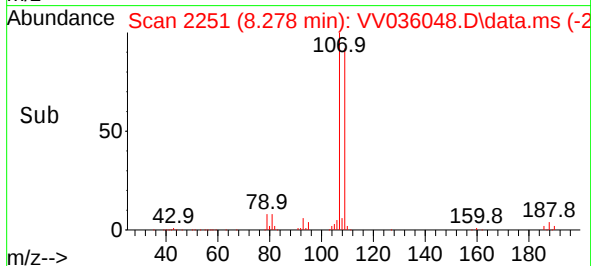
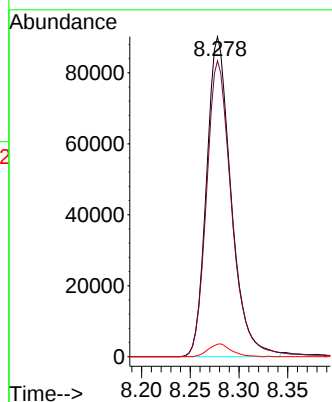
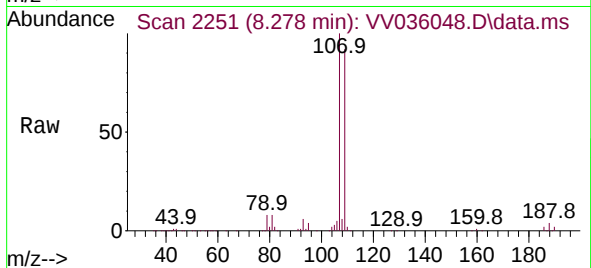




#50
1,2-Dibromoethane
Concen: 26.711 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

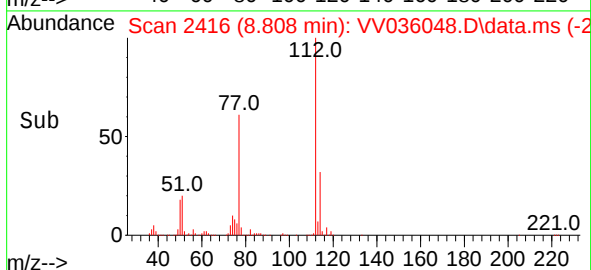
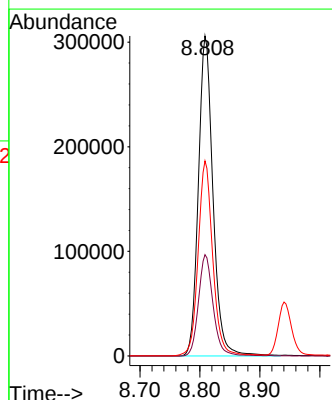
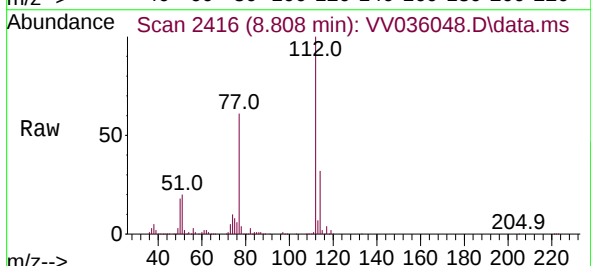
Instrument :
MSVOA_V
ClientSampleId :

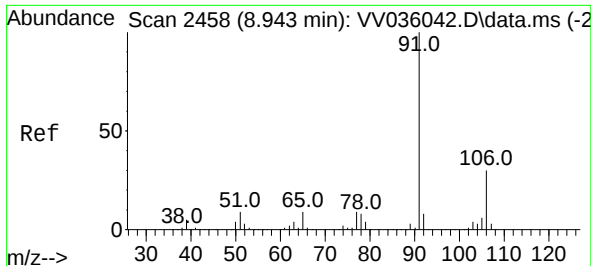
Tgt Ion:107 Resp: 158236
Ion Ratio Lower Upper
107 100
109 92.5 66.1 122.7
188 3.9 3.0 4.6



#51
Chlorobenzene
Concen: 26.235 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

Tgt Ion:112 Resp: 519043
Ion Ratio Lower Upper
112 100
114 31.6 22.3 41.5
77 60.9 47.3 70.9

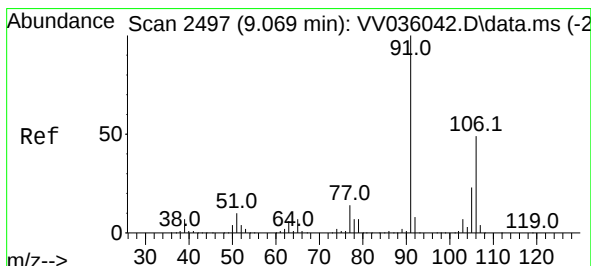
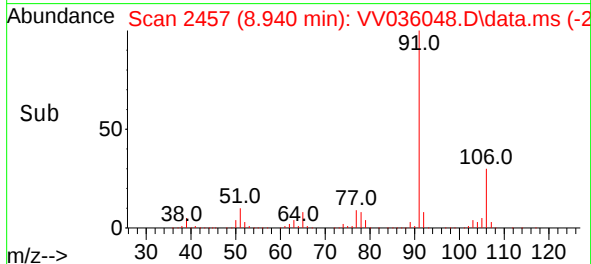
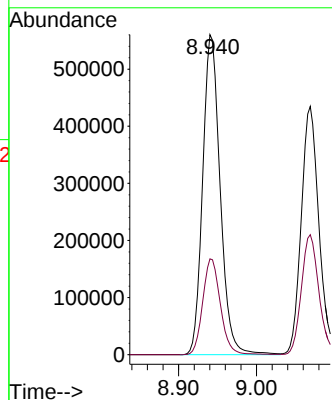
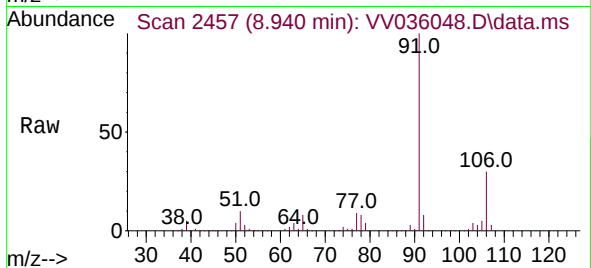




#52
Ethylbenzene
Concen: 28.155 ug/L
RT: 8.940 min Scan# 2458
Delta R.T. -0.003 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

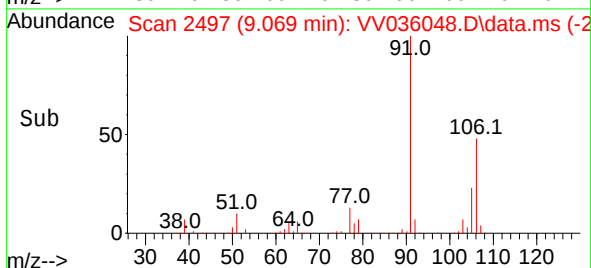
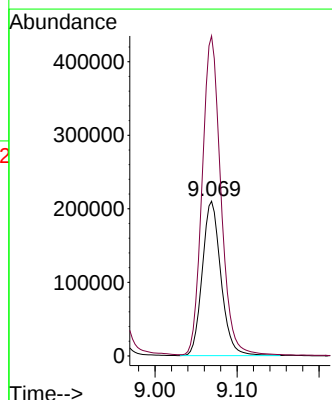
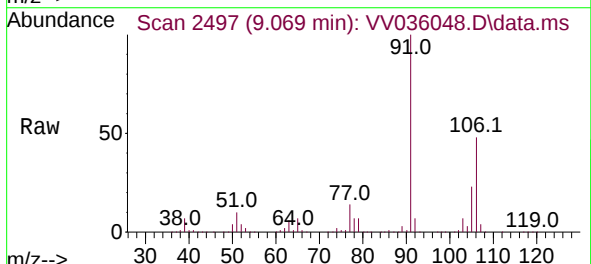
Instrument :
MSVOA_V
ClientSampleId :

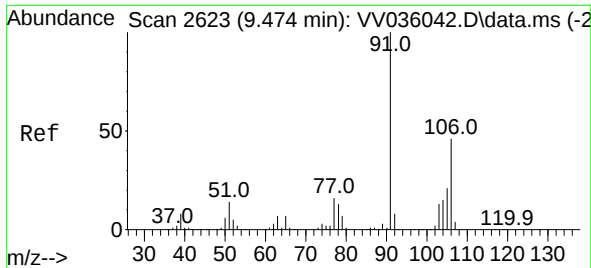
Tgt Ion: 91 Resp: 874681
Ion Ratio Lower Upper
91 100
106 30.0 21.6 40.0



#53
m,p-Xylene
Concen: 28.371 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

Tgt Ion:106 Resp: 331177
Ion Ratio Lower Upper
106 100
91 206.9 143.1 265.9

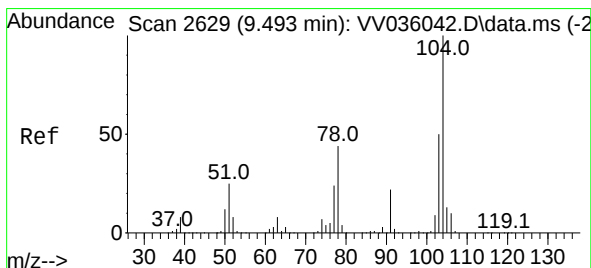
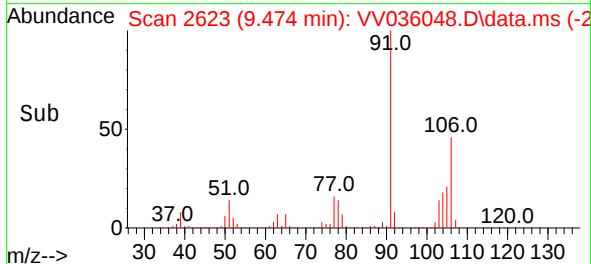
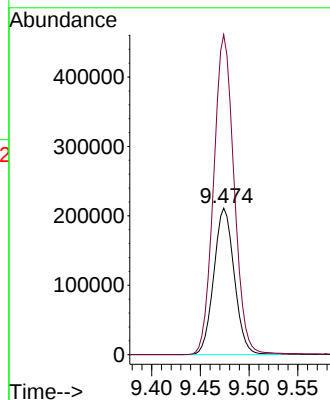
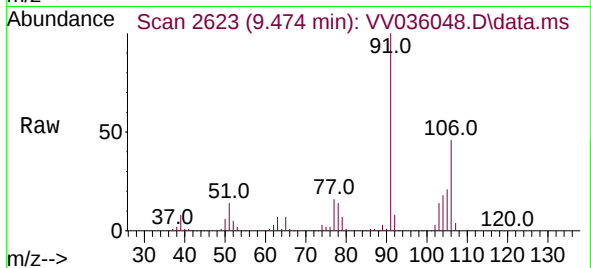




#54
o-Xylene
Concen: 28.080 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

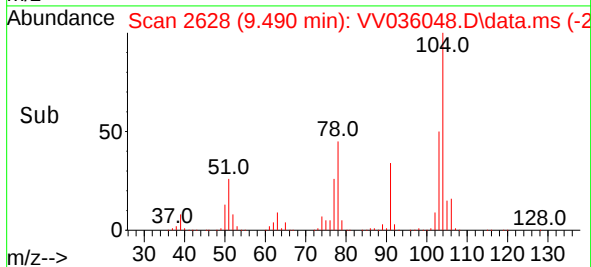
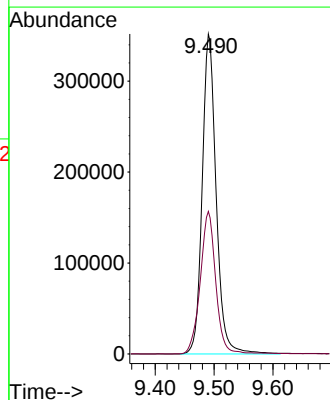
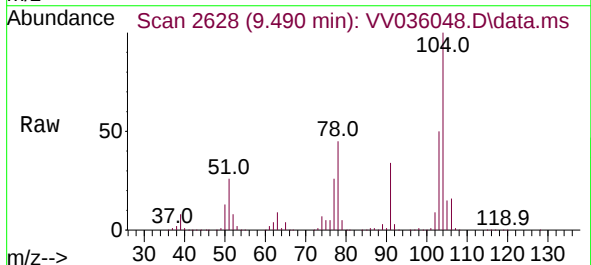
Instrument :
MSVOA_V
ClientSampleId :

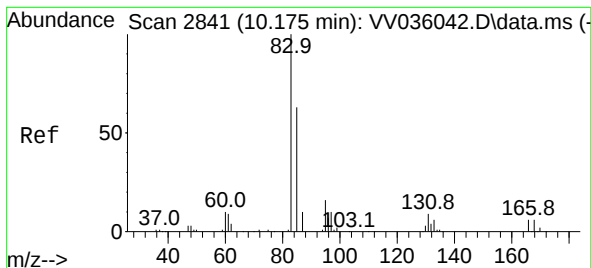
Tgt Ion:106 Resp: 309113
Ion Ratio Lower Upper
106 100
91 218.2 154.5 286.9



#55
Styrene
Concen: 29.806 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.003 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

Tgt Ion:104 Resp: 578596
Ion Ratio Lower Upper
104 100
78 44.5 31.4 58.2

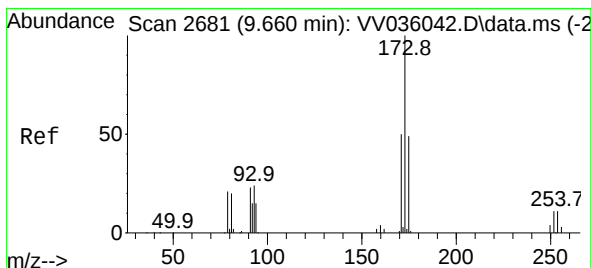
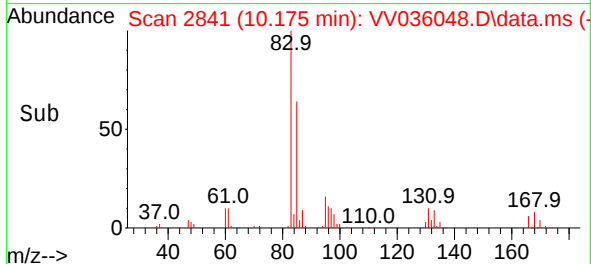
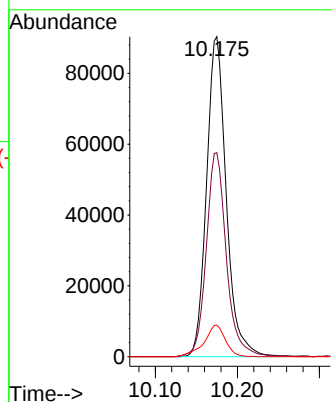
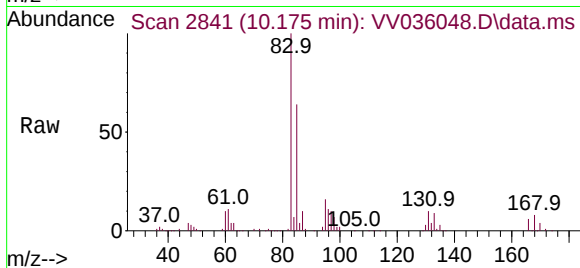




#57
1,1,2,2-Tetrachloroethane
Concen: 27.271 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

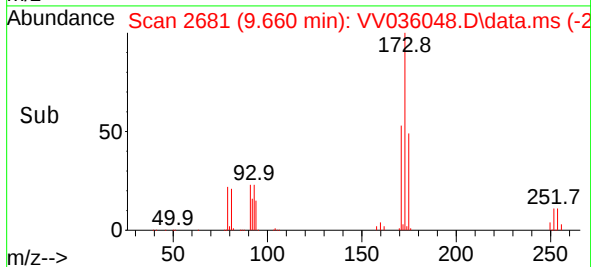
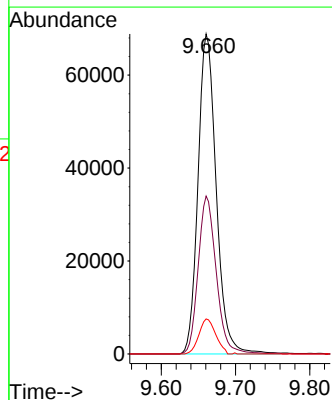
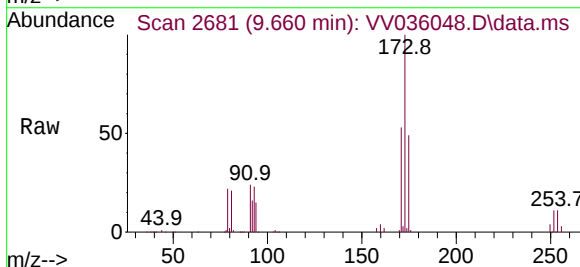
Instrument :
MSVOA_V
ClientSampleId :

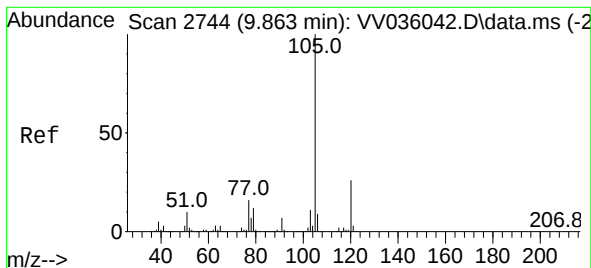
Tgt Ion: 83 Resp: 150759
Ion Ratio Lower Upper
83 100
85 63.7 45.1 83.7
131 9.8 7.6 11.4



#59
Bromoform
Concen: 26.162 ug/L
RT: 9.660 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

Tgt Ion: 173 Resp: 117566
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.6
254 10.1 8.6 13.0





#60

Isopropylbenzene

Concen: 28.192 ug/L

RT: 9.863 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV036048.D

Acq: 13 Jun 2024 08:34

Instrument :

MSVOA_V

ClientSampleId :

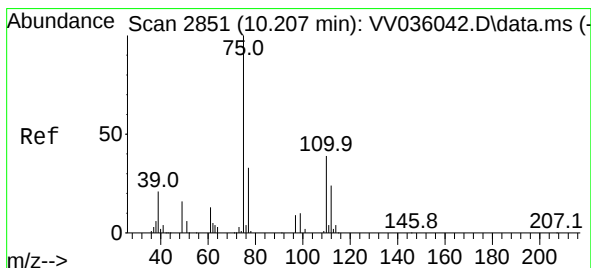
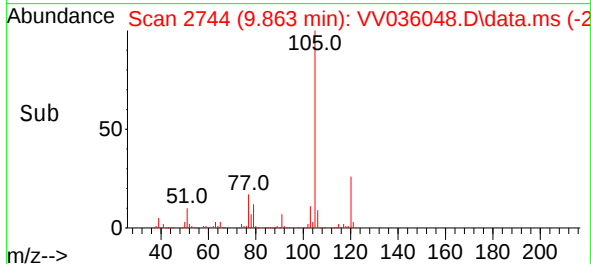
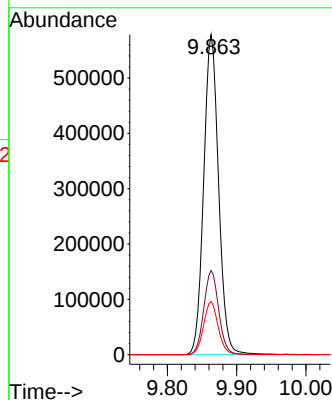
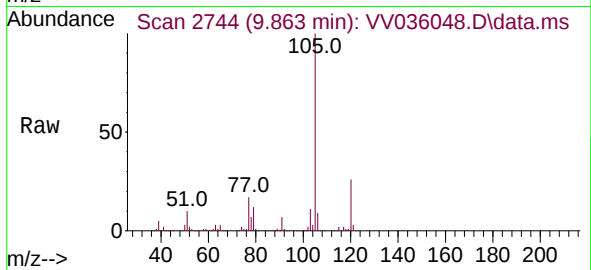
Tgt Ion:105 Resp: 861846

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.6

77 16.3 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 26.729 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. -0.003 min

Lab File: VV036048.D

Acq: 13 Jun 2024 08:34

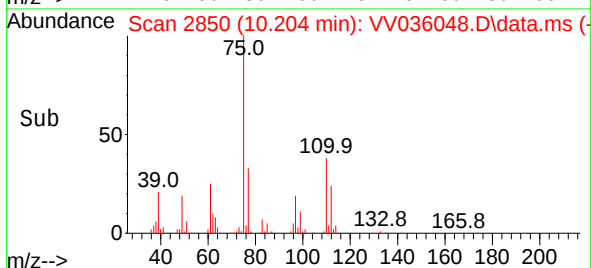
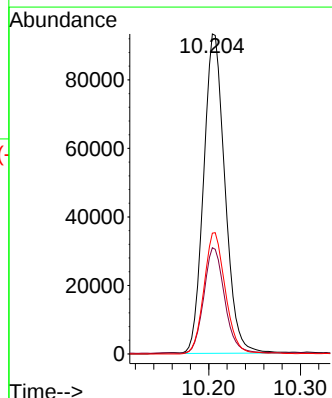
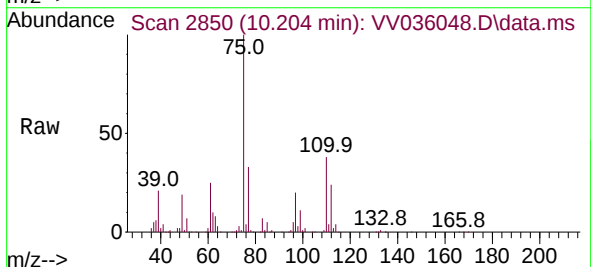
Tgt Ion: 75 Resp: 150634

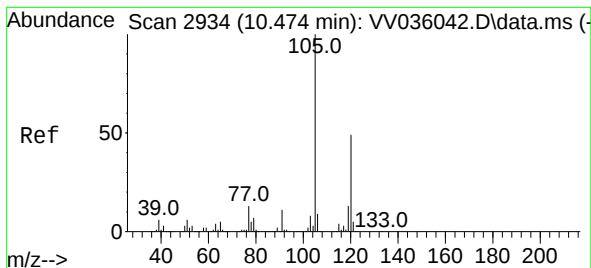
Ion Ratio Lower Upper

75 100

77 32.3 26.0 39.0

110 38.1 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 27.661 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.003 min

Lab File: VV036048.D

Acq: 13 Jun 2024 08:34

Instrument :

MSVOA_V

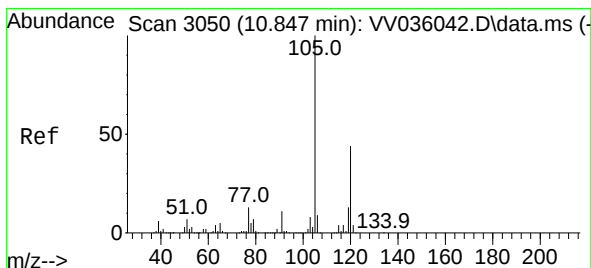
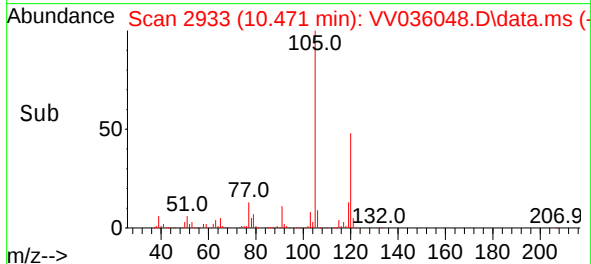
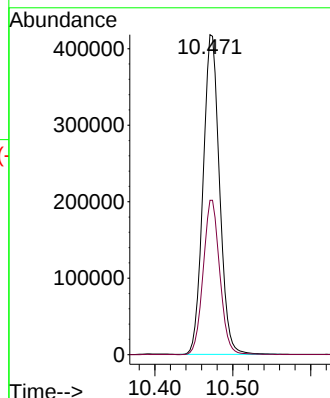
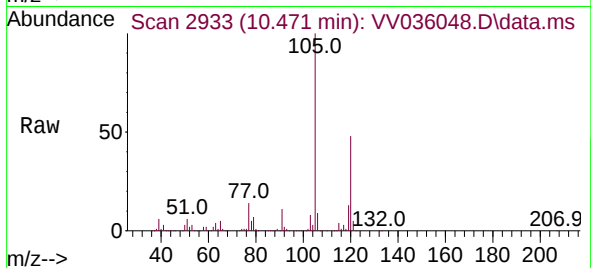
ClientSampleId :

Tgt Ion:105 Resp: 613174

Ion Ratio Lower Upper

105 100

120 48.6 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 28.385 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV036048.D

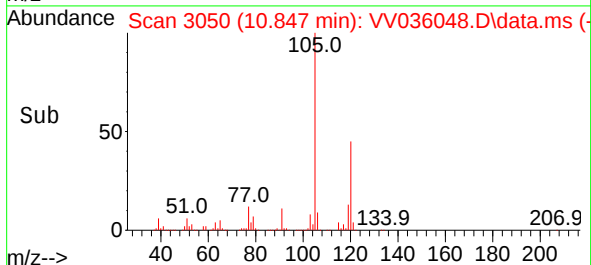
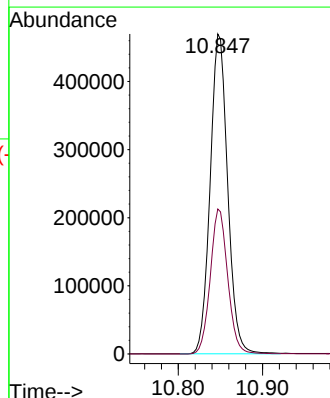
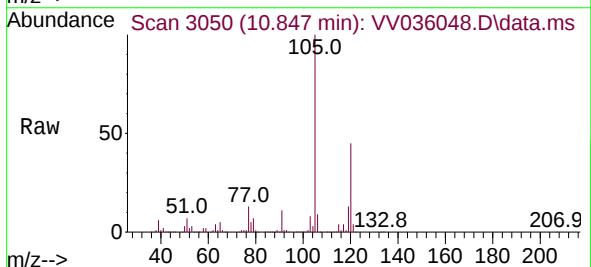
Acq: 13 Jun 2024 08:34

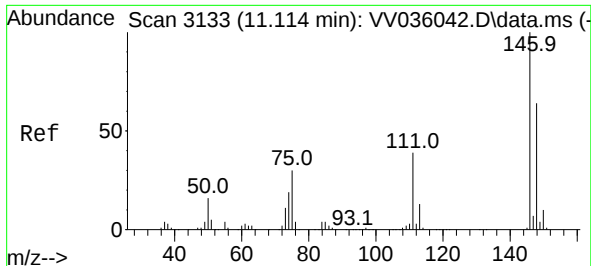
Tgt Ion:105 Resp: 677944

Ion Ratio Lower Upper

105 100

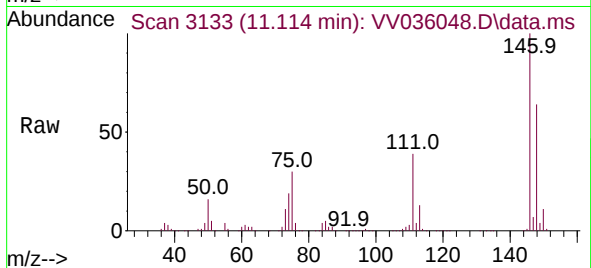
120 45.2 36.2 54.4



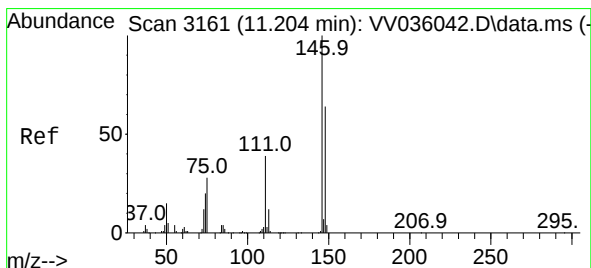
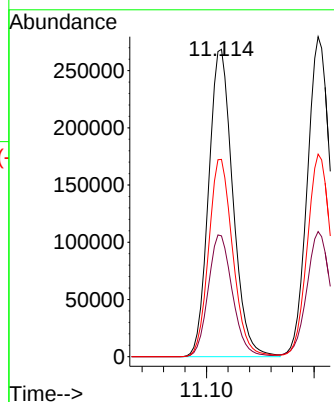
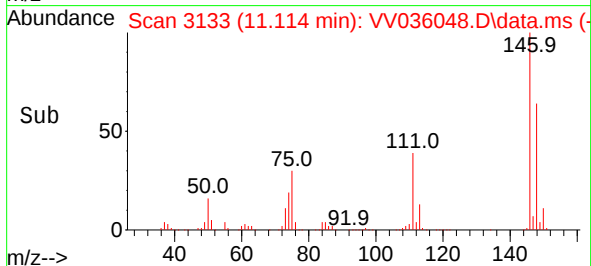


#64
1,3-Dichlorobenzene
Concen: 26.182 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34

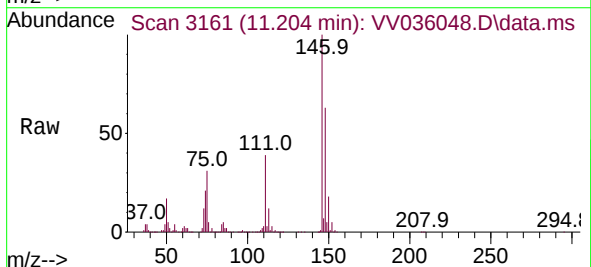
Instrument :
MSVOA_V
ClientSampleId :



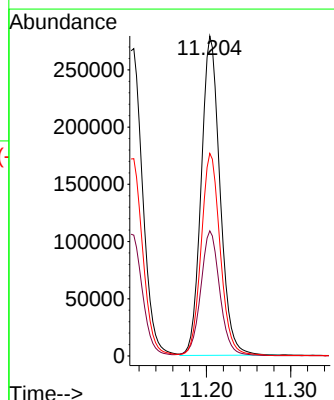
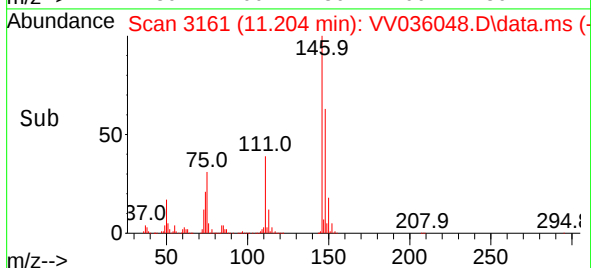
Tgt Ion:146 Resp: 420336
Ion Ratio Lower Upper
146 100
111 39.3 28.1 52.1
148 64.2 44.7 83.1

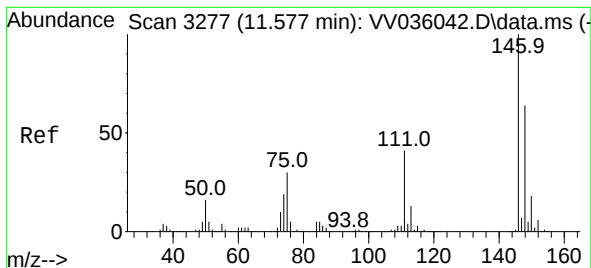


#65
1,4-Dichlorobenzene
Concen: 26.228 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.000 min
Lab File: VV036048.D
Acq: 13 Jun 2024 08:34



Tgt Ion:146 Resp: 434615
Ion Ratio Lower Upper
146 100
111 39.1 26.9 50.1
148 63.3 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 26.387 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV036048.D

Acq: 13 Jun 2024 08:34

Instrument :

MSVOA_V

ClientSampleId :

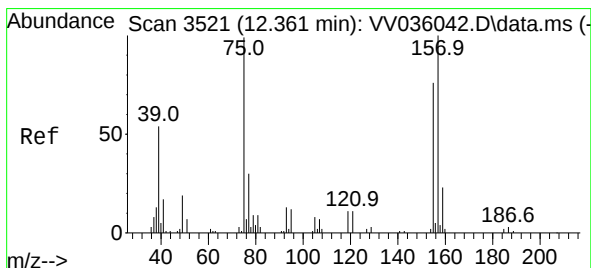
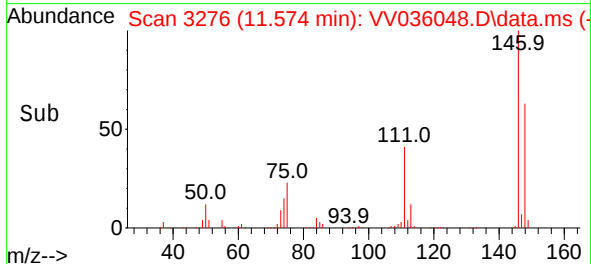
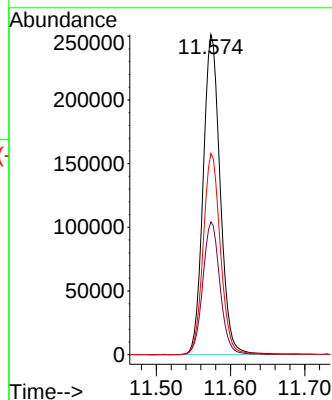
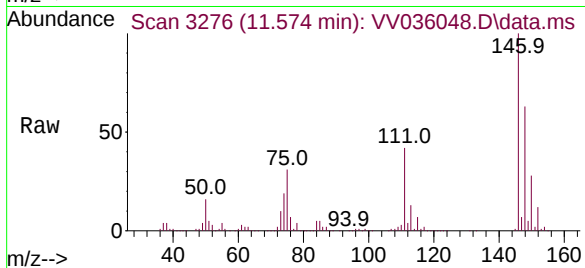
Tgt Ion:146 Resp: 398636

Ion Ratio Lower Upper

146 100

111 41.5 33.5 50.3

148 62.9 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 26.124 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV036048.D

Acq: 13 Jun 2024 08:34

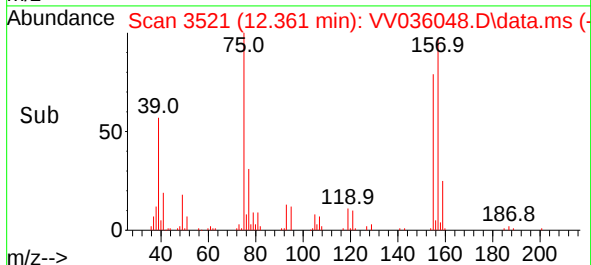
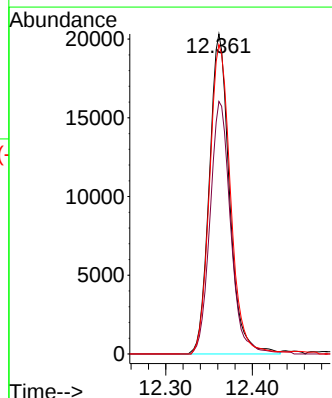
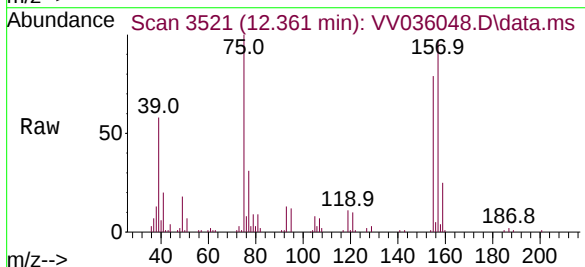
Tgt Ion: 75 Resp: 32921

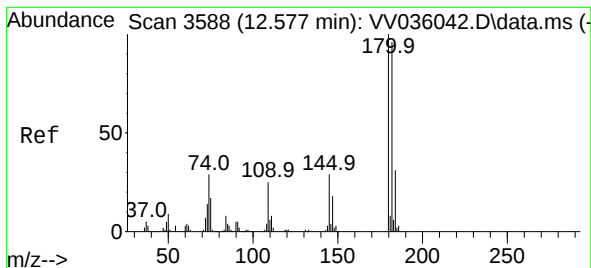
Ion Ratio Lower Upper

75 100

155 78.9 63.3 94.9

157 96.7 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 25.480 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

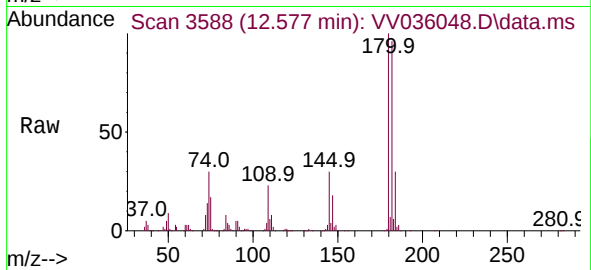
Lab File: VV036048.D

Acq: 13 Jun 2024 08:34

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 305985

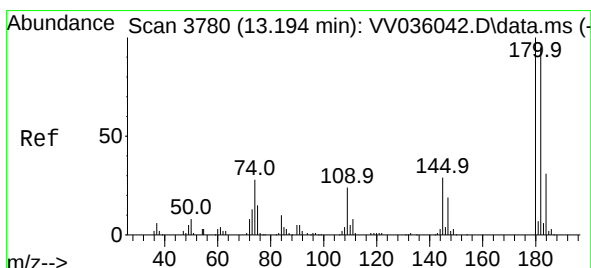
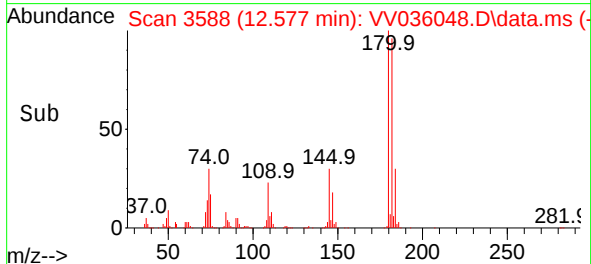
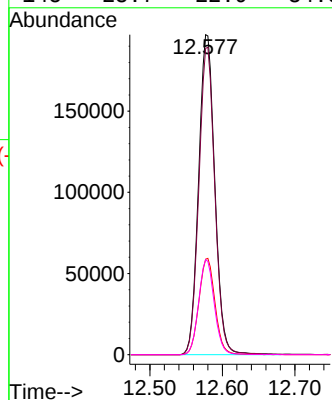
Ion Ratio Lower Upper

180 100

182 94.7 76.2 114.4

184 30.0 24.2 36.2

145 28.7 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 25.491 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV036048.D

Acq: 13 Jun 2024 08:34

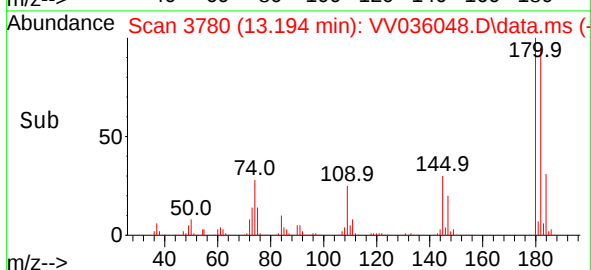
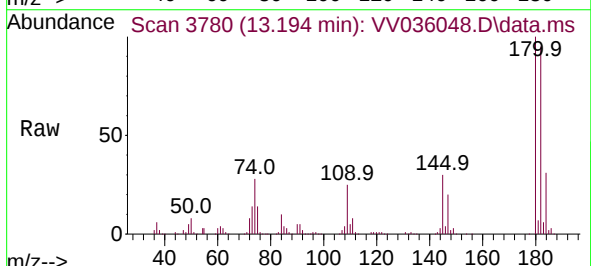
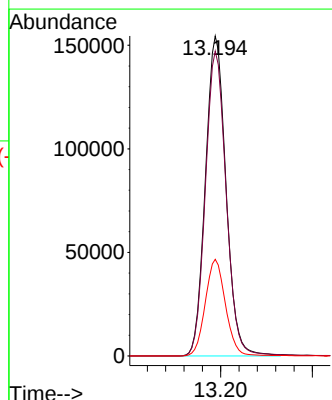
Tgt Ion:180 Resp: 241028

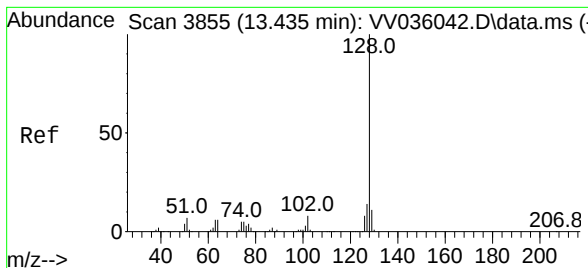
Ion Ratio Lower Upper

180 100

182 96.1 76.1 114.1

145 29.6 23.5 35.3





#71

Naphthalene

Concen: 25.689 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV036048.D

Acq: 13 Jun 2024 08:34

Instrument :

MSVOA_V

ClientSampleId :

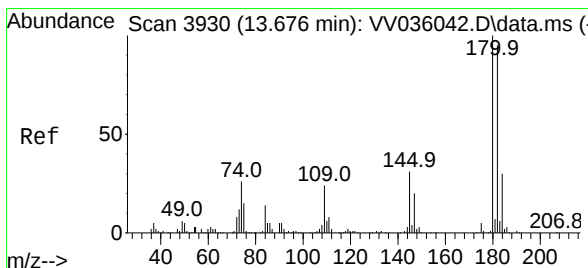
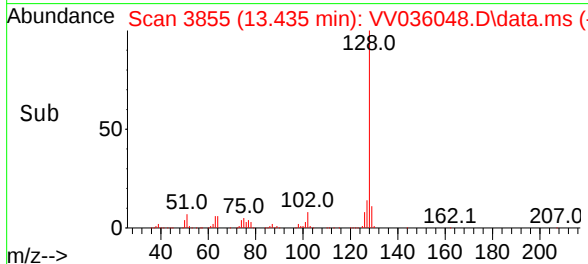
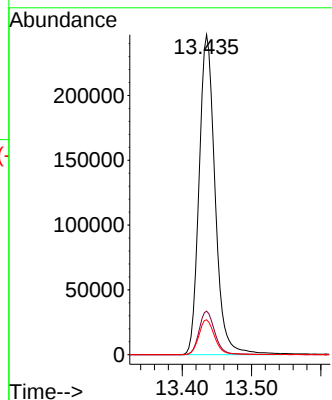
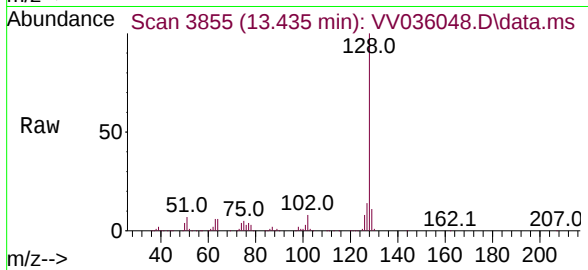
Tgt Ion:128 Resp: 396401

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 26.518 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV036048.D

Acq: 13 Jun 2024 08:34

Tgt Ion:180 Resp: 228811

Ion Ratio Lower Upper

180 100

182 96.2 75.1 112.7

145 31.5 25.2 37.8

