

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100224\
 Data File : VV037713.D
 Acq On : 02 Oct 2024 09:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 03 05:47:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 04:32:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	691538	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	673307	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	369407	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	236894	39.023	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.040%
7) Chloroethane-d5	1.532	69	191306	40.599	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.056	65	102292	40.332	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.660%
21) 2-Butanone-d5	3.786	46	152568	70.560	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.560%
24) Chloroform-d	4.240	84	447385	41.423	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.840%
26) 1,2-Dichloroethane-d4	4.931	65	257840	40.786	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.580%
32) Benzene-d6	4.947	84	855731	40.615	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.240%
36) 1,2-Dichloropropane-d6	5.979	67	275498	41.064	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.120%
41) Toluene-d8	7.233	98	793963	41.558	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.120%
43) trans-1,3-Dichloroprop...	7.545	79	126081	40.455	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.900%
47) 2-Hexanone-d5	8.021	63	109451	77.259	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.260%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	306156	39.274	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.540%
66) 1,2-Dichlorobenzene-d4	11.551	152	300759	38.637	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.280%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	286279	48.628	ug/L	99
3) Chloromethane	1.217	50	275288	48.166	ug/L	100
5) Vinyl chloride	1.285	62	290641	47.433	ug/L	99
6) Bromomethane	1.487	94	166401	48.935	ug/L	97
8) Chloroethane	1.548	64	181130	47.960	ug/L	100
9) Trichlorofluoromethane	1.712	101	402743	48.830	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	246595	50.033	ug/L	98
12) 1,1-Dichloroethene	2.069	96	223727	48.595	ug/L	79
13) Acetone	2.108	43	203745	96.122	ug/L	99
14) Carbon disulfide	2.240	76	652289	45.390	ug/L	99
15) Methyl Acetate	2.368	43	174538	47.184	ug/L	99
16) Methylene chloride	2.442	84	249259	47.816	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	233951	48.034	ug/L	100
18) Methyl tert-butyl Ether	2.700	73	673997	48.234	ug/L	100
19) 1,1-Dichloroethane	3.101	63	452538	48.495	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	256074	46.983	ug/L	99
22) 2-Butanone	3.867	43	218059	92.945	ug/L	96
23) Bromochloromethane	4.134	128	134274	47.626	ug/L	98
25) Chloroform	4.265	83	471002	48.749	ug/L	99

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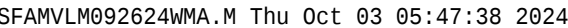
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 MSVOA_V
 ClientSampleId :

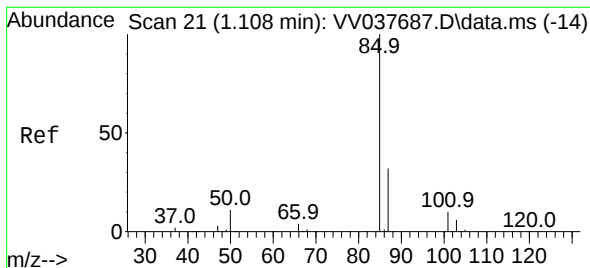
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 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 04:32:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.031	62	331816	48.648	ug/L	100
29) Cyclohexane	4.571	56	357877	46.814	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	396578	47.823	ug/L	99
31) Carbon tetrachloride	4.722	117	346865	48.111	ug/L	100
33) Benzene	4.998	78	983502	48.434	ug/L	100
34) Trichloroethene	5.822	95	256858	47.498	ug/L	98
35) Methylcyclohexane	6.040	83	396841	47.702	ug/L	99
37) 1,2-Dichloropropane	6.085	63	258212	49.243	ug/L	100
38) Bromodichloromethane	6.423	83	341444	48.711	ug/L	98
39) cis-1,3-Dichloropropene	6.944	75	408887	48.850	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	400129	93.720	ug/L	99
42) Toluene	7.307	91	1051815	49.965	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	366032	48.572	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	241168	47.899	ug/L	99
46) Tetrachloroethene	7.895	164	195791	47.354	ug/L	98
48) 2-Hexanone	8.069	43	309602	93.259	ug/L	100
49) Dibromochloromethane	8.169	129	254780	47.811	ug/L	100
50) 1,2-Dibromoethane	8.275	107	241203	46.344	ug/L	98
51) Chlorobenzene	8.805	112	683108	47.629	ug/L	100
52) Ethylbenzene	8.937	91	1154645	48.727	ug/L	99
53) m,p-Xylene	9.063	106	444163	50.364	ug/L	99
54) o-Xylene	9.471	106	422546	49.077	ug/L	98
55) Styrene	9.487	104	766013	51.106	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	324845	46.276	ug/L	99
59) Bromoform	9.657	173	167165	46.300	ug/L	97
60) Isopropylbenzene	9.857	105	1154246	48.060	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	235683	44.837	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	915096	48.194	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	910748	48.208	ug/L	99
64) 1,3-Dichlorobenzene	11.108	146	546747	47.296	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	559264	46.461	ug/L	100
67) 1,2-Dichlorobenzene	11.571	146	533481	46.683	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	53585	41.995	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	361177	45.434	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	326241	44.232	ug/L	100
71) Naphthalene	13.432	128	772552	40.091	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	317267	43.559	ug/L	99

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

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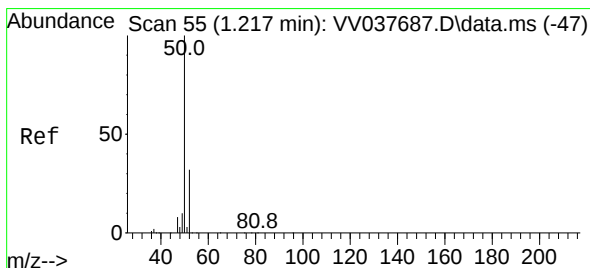
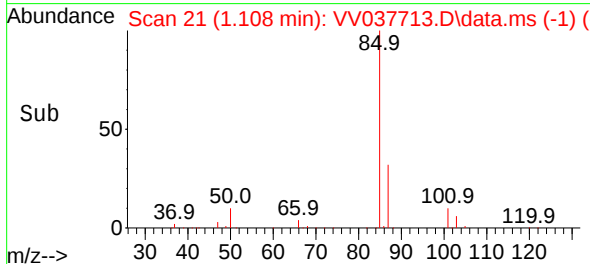
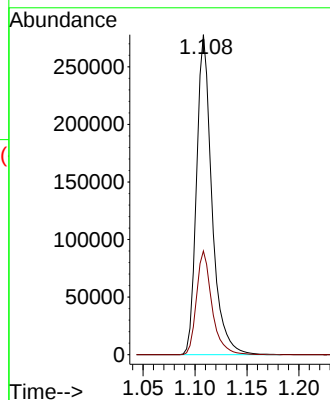
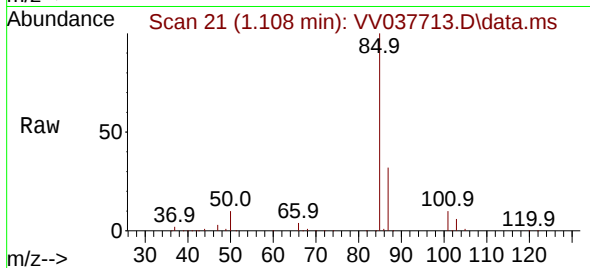




#2
 Dichlorodifluoromethane
 Concen: 48.628 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037713.D
 Acq: 02 Oct 2024 09:00

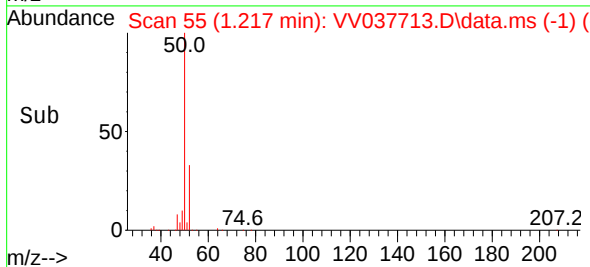
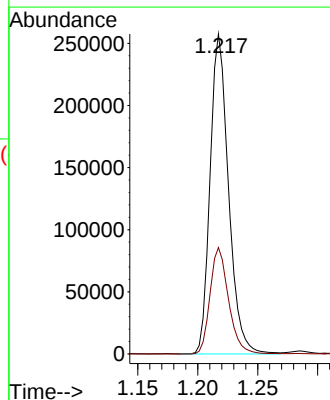
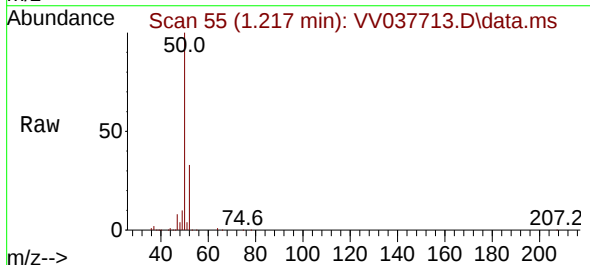
Instrument :
 MSVOA_V
 ClientSampleId :

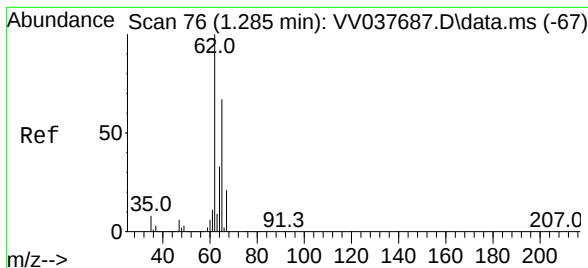
Tgt Ion: 85 Resp: 286279
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.8



#3
 Chloromethane
 Concen: 48.166 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037713.D
 Acq: 02 Oct 2024 09:00

Tgt Ion: 50 Resp: 275288
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.2 43.2

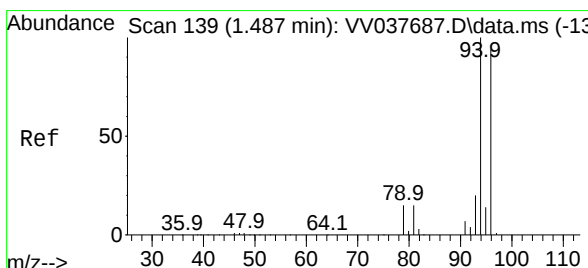
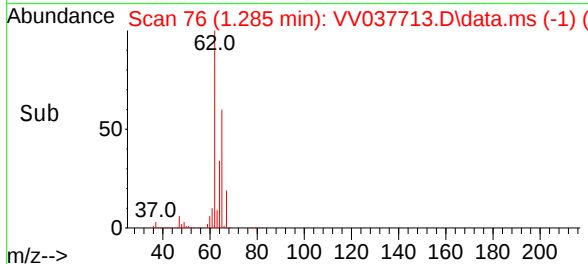
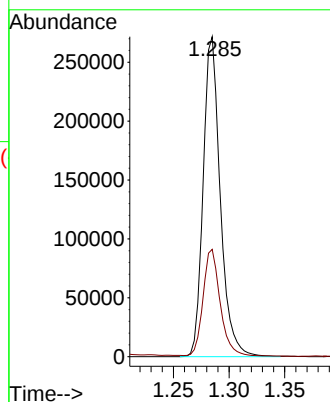
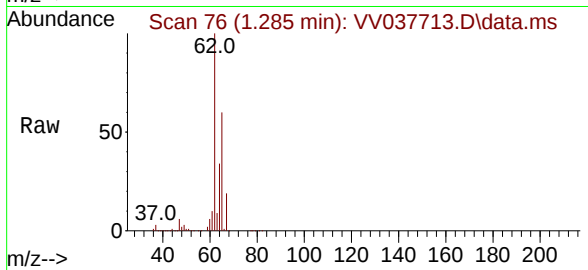




#5
 Vinyl chloride
 Concen: 47.433 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV037713.D
 Acq: 02 Oct 2024 09:00

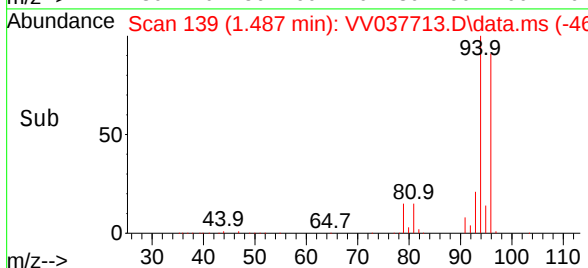
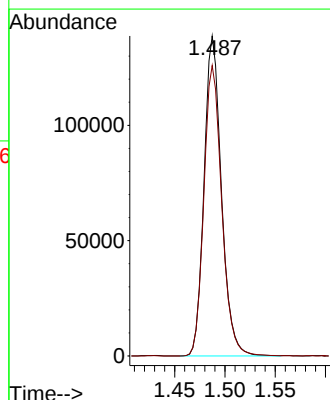
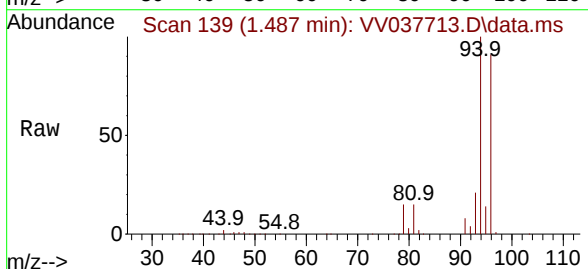
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 ClientSampleId :

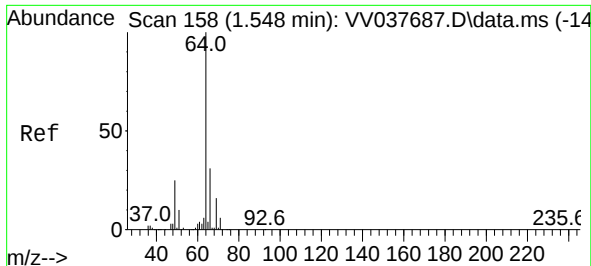
Tgt Ion: 62 Resp: 290641
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.2 43.0



#6
 Bromomethane
 Concen: 48.935 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037713.D
 Acq: 02 Oct 2024 09:00

Tgt Ion: 94 Resp: 166401
 Ion Ratio Lower Upper
 94 100
 96 90.8 65.8 122.2

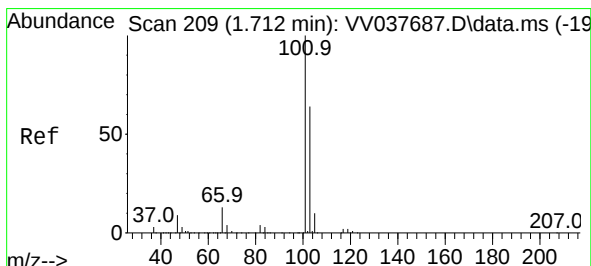
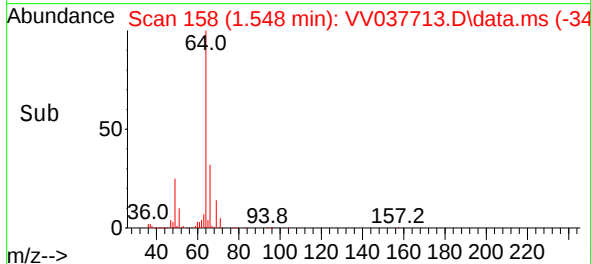
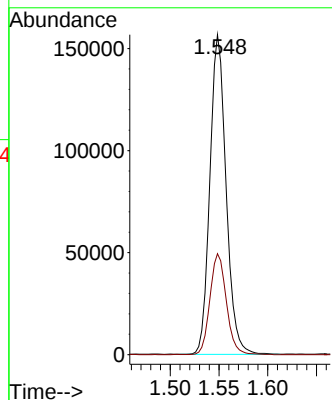
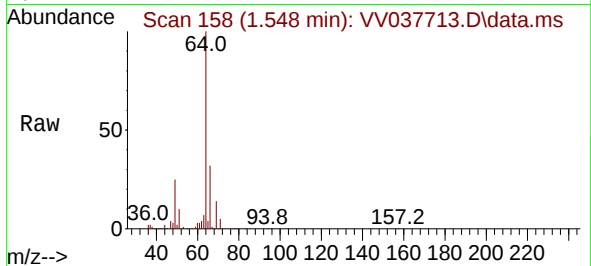




#8
Chloroethane
Concen: 47.960 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037713.D
Acq: 02 Oct 2024 09:00

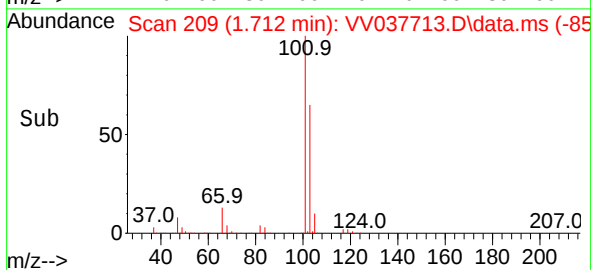
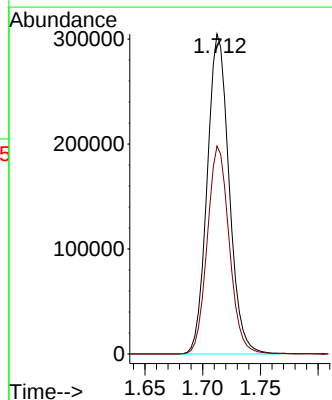
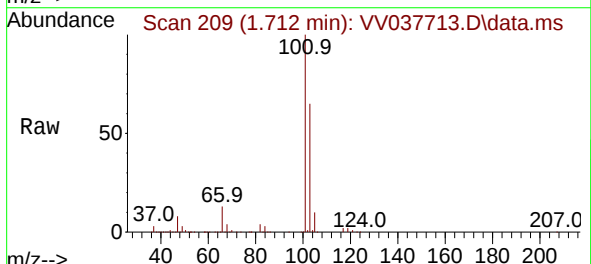
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MSVOA_V
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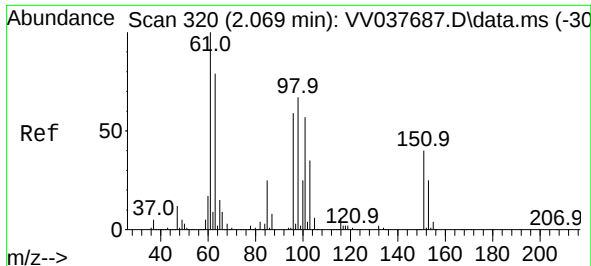
Tgt Ion: 64 Resp: 181130
Ion Ratio Lower Upper
64 100
66 31.5 22.2 41.2



#9
Trichlorofluoromethane
Concen: 48.830 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037713.D
Acq: 02 Oct 2024 09:00

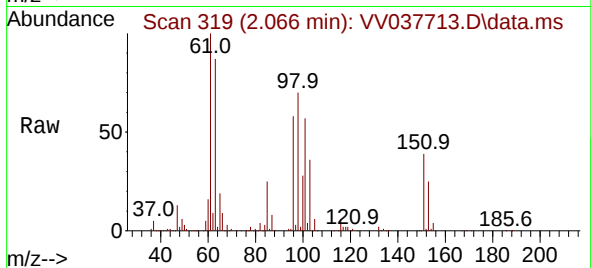
Tgt Ion:101 Resp: 402743
Ion Ratio Lower Upper
101 100
103 65.1 52.2 78.4



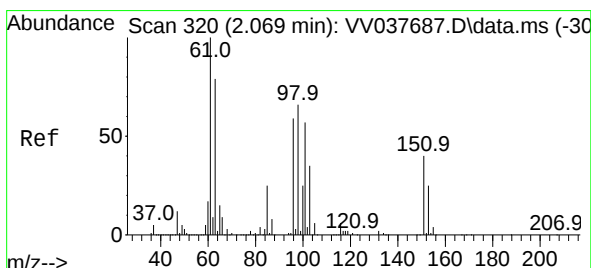
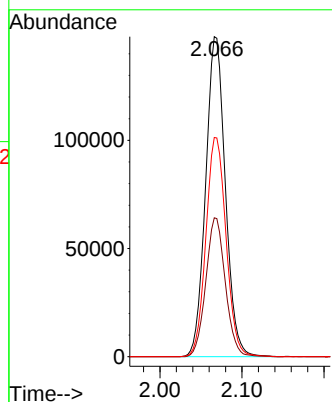
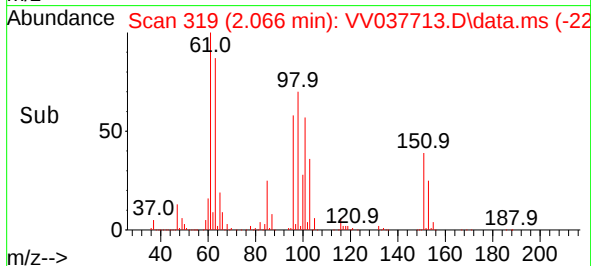


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.033 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV037713.D
 Acq: 02 Oct 2024 09:00

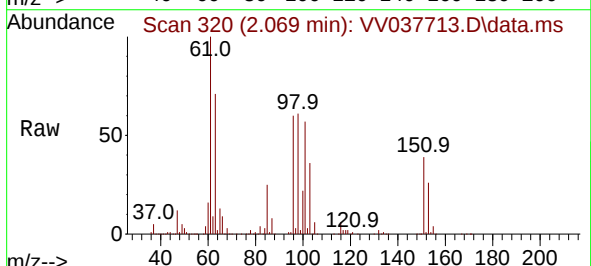
Instrument :
 MSVOA_V
 ClientSampleId :



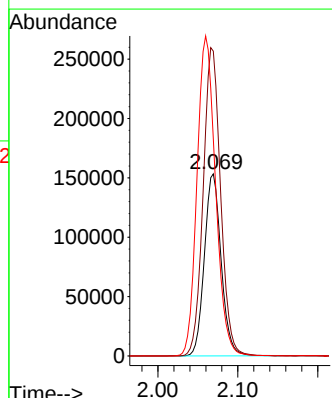
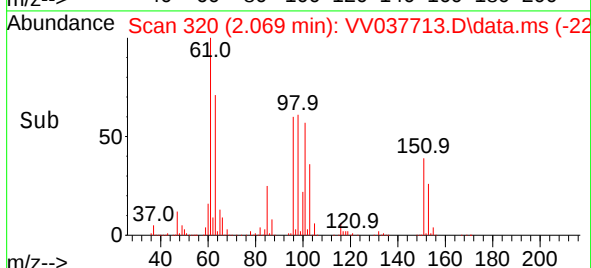
Tgt Ion:101 Resp: 246595
 Ion Ratio Lower Upper
 101 100
 85 43.0 34.6 52.0
 151 70.1 57.5 86.3

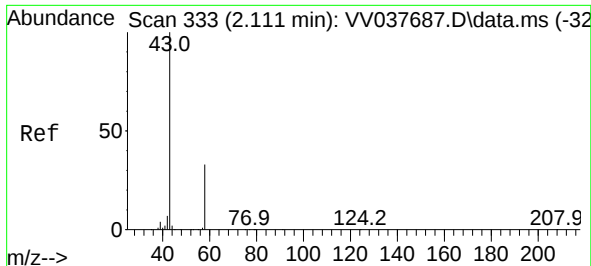


#12
 1,1-Dichloroethene
 Concen: 48.595 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV037713.D
 Acq: 02 Oct 2024 09:00



Tgt Ion: 96 Resp: 223727
 Ion Ratio Lower Upper
 96 100
 61 167.3 122.6 227.6
 63 119.2 118.0 219.2





#13

Acetone

Concen: 96.122 ug/L

RT: 2.108 min Scan# 333

Delta R.T. -0.003 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

Instrument :

MSVOA_V

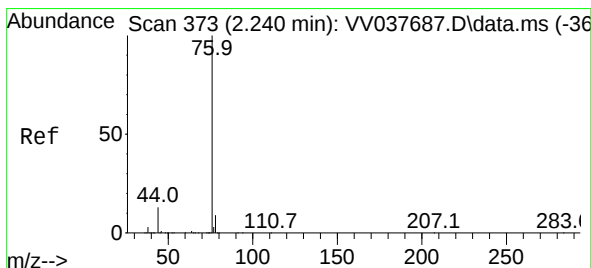
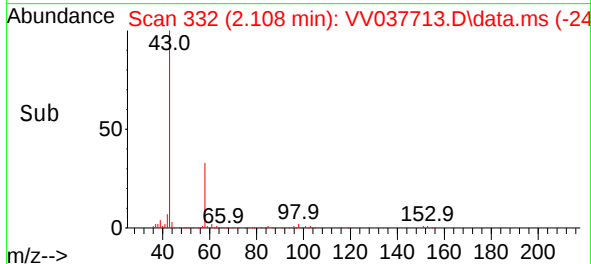
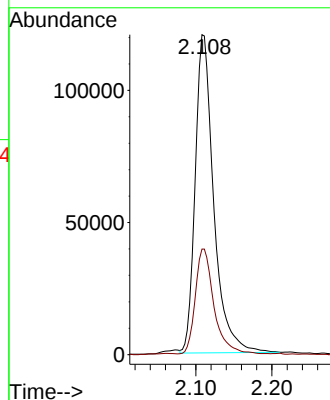
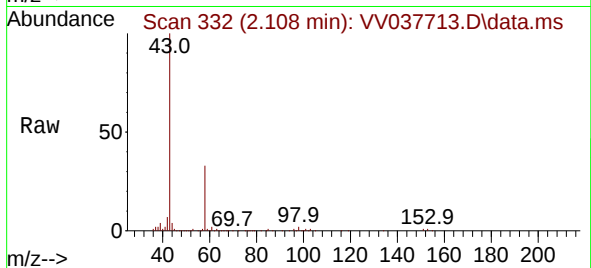
ClientSampleId :

Tgt Ion: 43 Resp: 203745

Ion Ratio Lower Upper

43 100

58 34.1 0.0 66.6



#14

Carbon disulfide

Concen: 45.390 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV037713.D

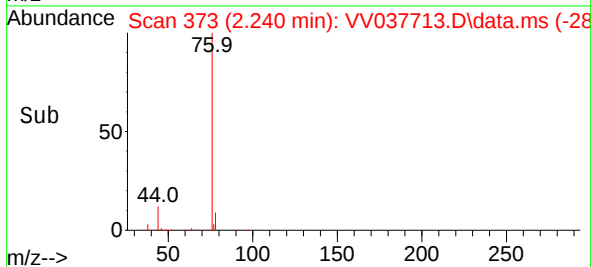
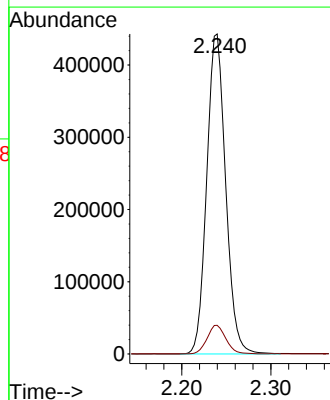
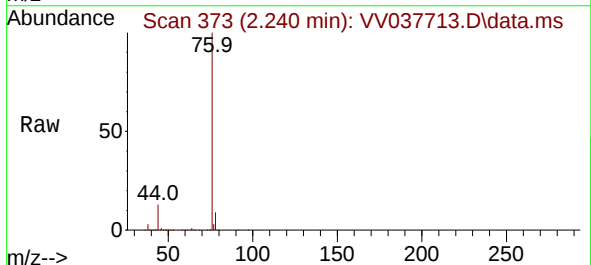
Acq: 02 Oct 2024 09:00

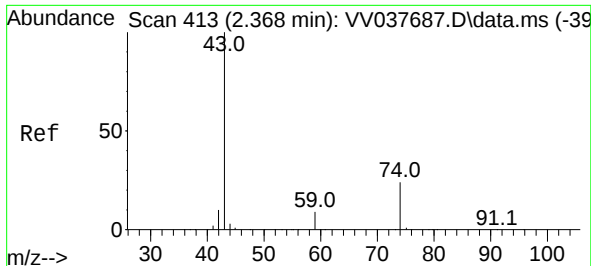
Tgt Ion: 76 Resp: 652289

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





#15

Methyl Acetate

Concen: 47.184 ug/L

RT: 2.368 min Scan# 413

Delta R.T. -0.003 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

Instrument :

MSVOA_V

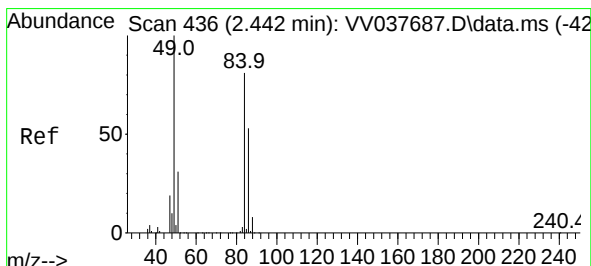
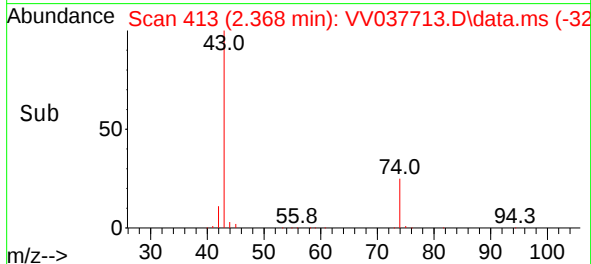
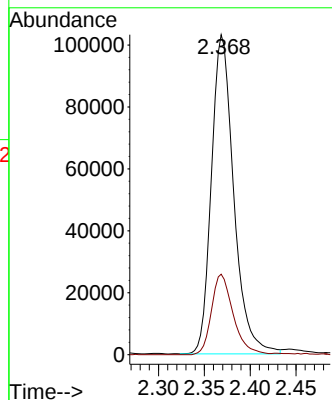
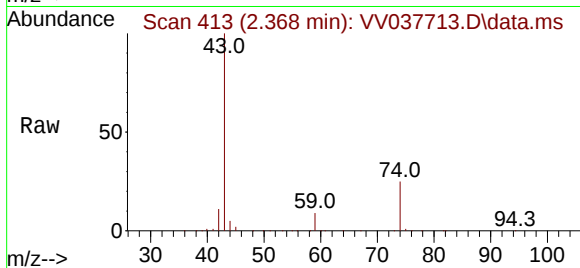
ClientSampleId :

Tgt Ion: 43 Resp: 174538

Ion Ratio Lower Upper

43 100

74 24.5 19.4 29.0



#16

Methylene chloride

Concen: 47.816 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.003 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

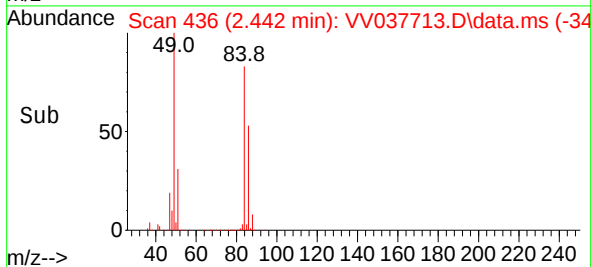
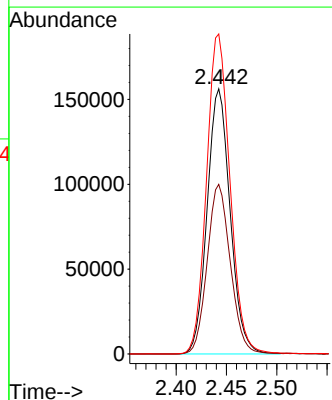
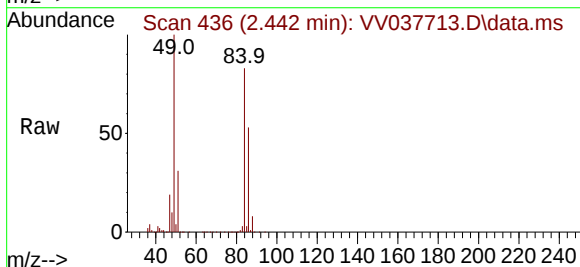
Tgt Ion: 84 Resp: 249259

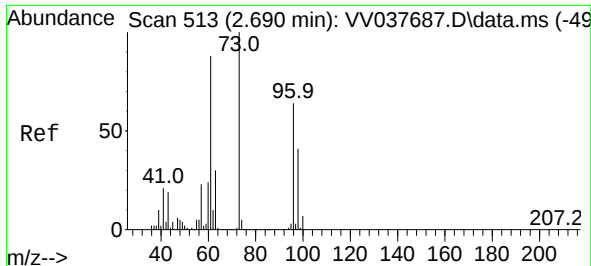
Ion Ratio Lower Upper

84 100

86 63.9 46.4 86.2

49 120.7 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 48.034 ug/L

RT: 2.687 min Scan# 513

Delta R.T. -0.003 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

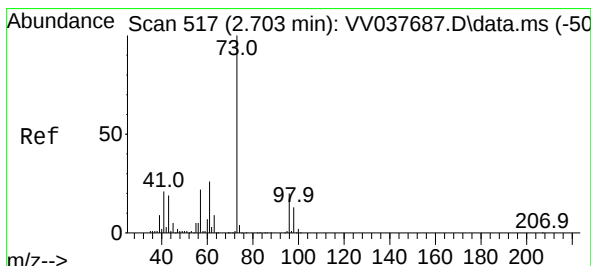
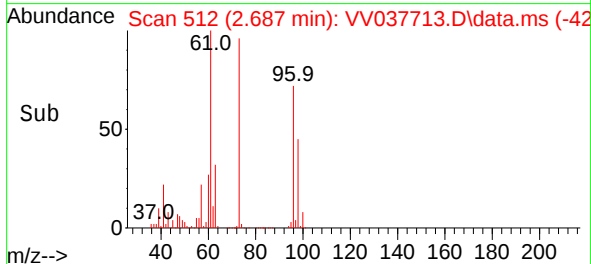
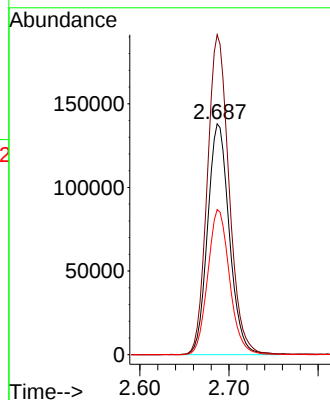
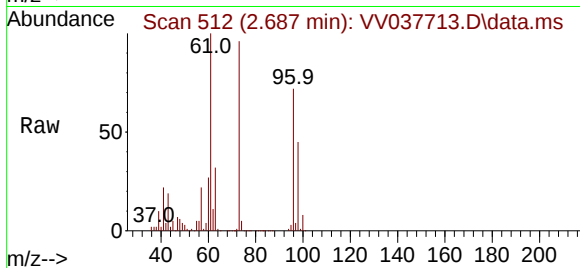
Tgt Ion: 96 Resp: 233951

Ion Ratio Lower Upper

96 100

61 138.6 97.3 180.7

98 62.9 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 48.234 ug/L

RT: 2.700 min Scan# 516

Delta R.T. -0.006 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

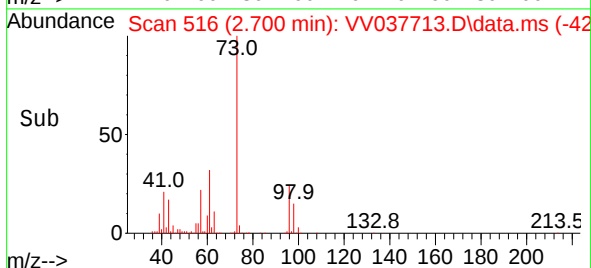
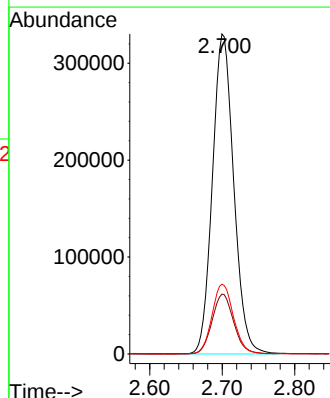
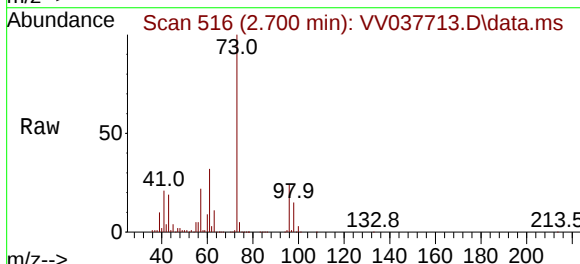
Tgt Ion: 73 Resp: 673997

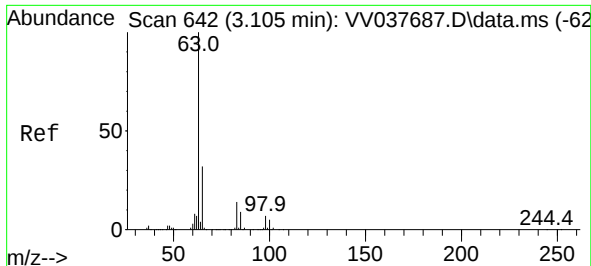
Ion Ratio Lower Upper

73 100

43 18.7 15.1 22.7

57 22.0 17.4 26.2

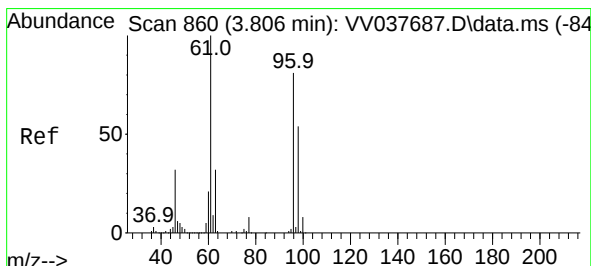
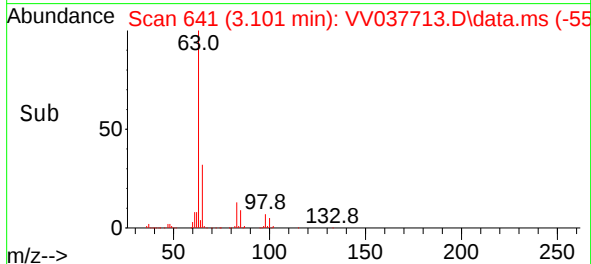
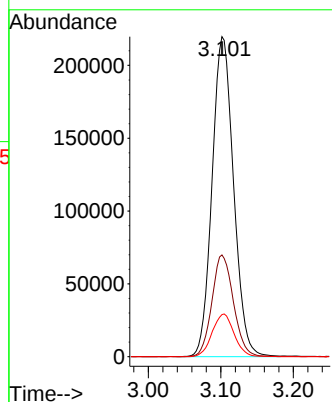
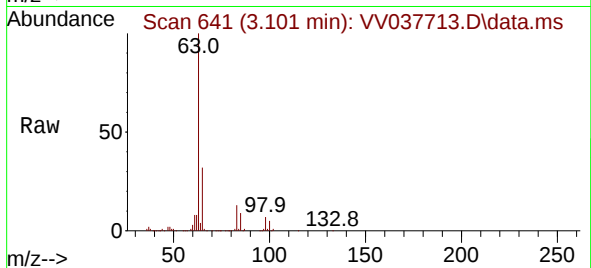




#19
1,1-Dichloroethane
Concen: 48.495 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.006 min
Lab File: VV037713.D
Acq: 02 Oct 2024 09:00

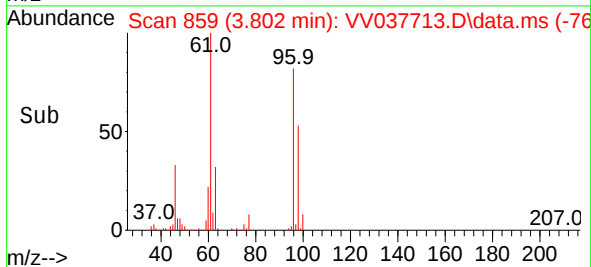
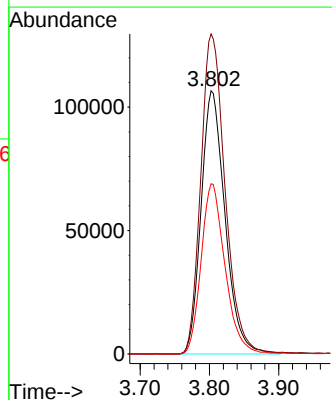
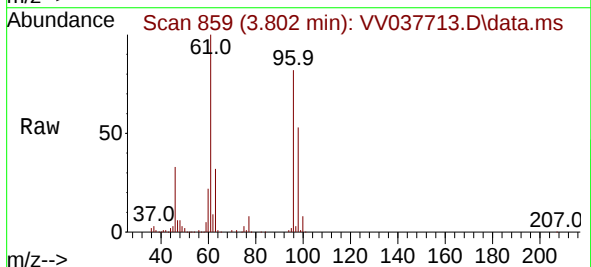
Instrument :
MSVOA_V
ClientSampleId :

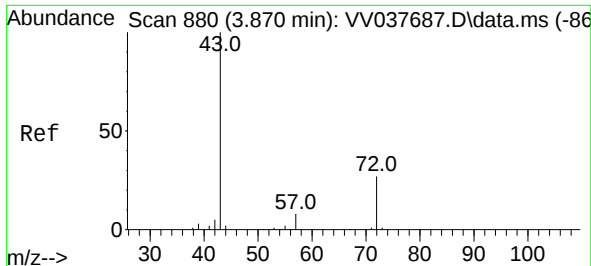
Tgt Ion: 63 Resp: 452538
Ion Ratio Lower Upper
63 100
65 31.8 22.4 41.6
83 13.2 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 46.983 ug/L
RT: 3.802 min Scan# 859
Delta R.T. -0.006 min
Lab File: VV037713.D
Acq: 02 Oct 2024 09:00

Tgt Ion: 96 Resp: 256074
Ion Ratio Lower Upper
96 100
61 121.6 85.0 157.8
98 64.7 44.2 82.0





#22

2-Butanone

Concen: 92.945 ug/L

RT: 3.867 min Scan# 81

Delta R.T. -0.006 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

Instrument :

MSVOA_V

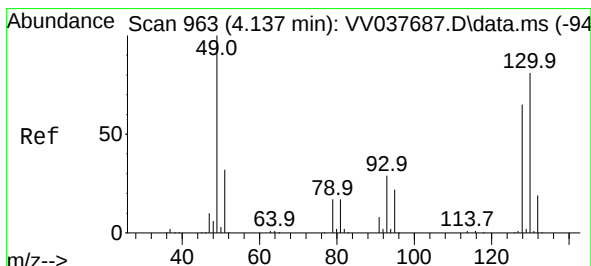
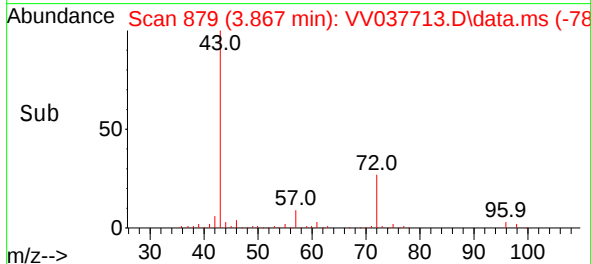
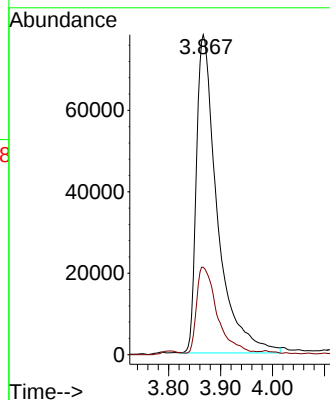
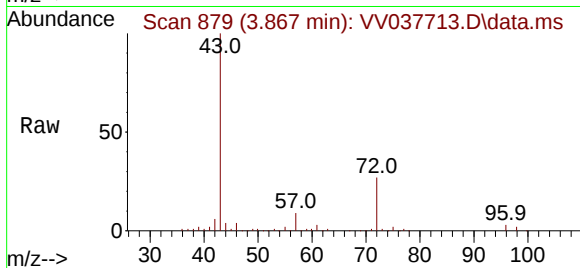
ClientSampleId :

Tgt Ion: 43 Resp: 218059

Ion Ratio Lower Upper

43 100

72 26.4 14.3 42.9



#23

Bromochloromethane

Concen: 47.626 ug/L

RT: 4.134 min Scan# 962

Delta R.T. -0.006 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

Tgt Ion: 128 Resp: 134274

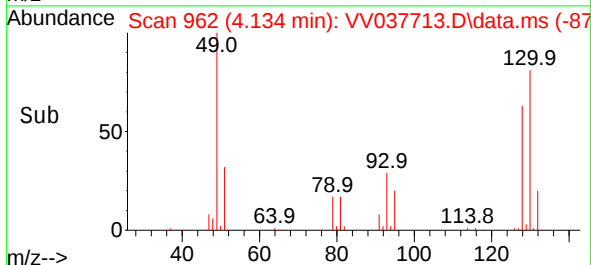
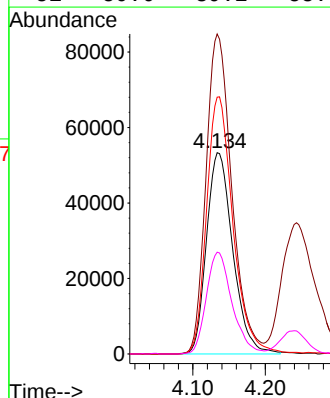
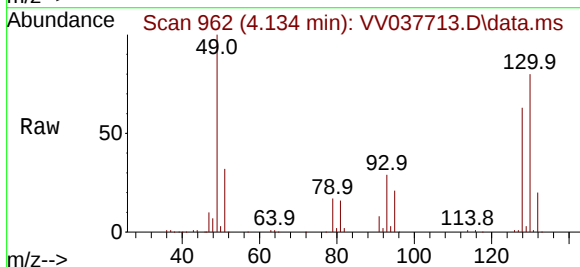
Ion Ratio Lower Upper

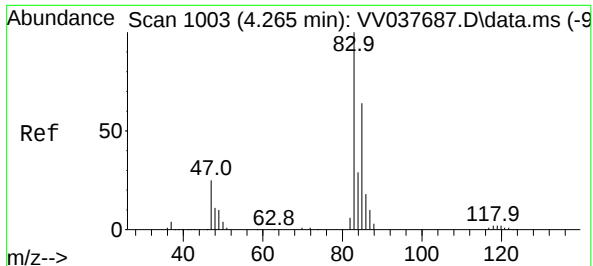
128 100

49 159.0 108.7 201.9

130 127.6 90.4 168.0

51 50.6 39.2 58.8





#25

Chloroform

Concen: 48.749 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

Instrument :

MSVOA_V

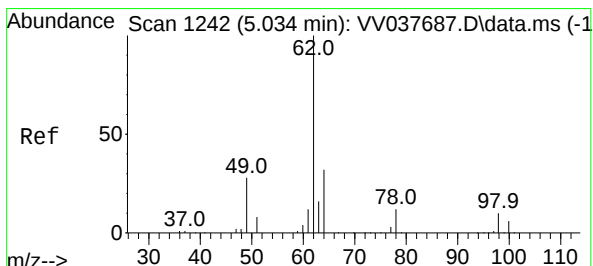
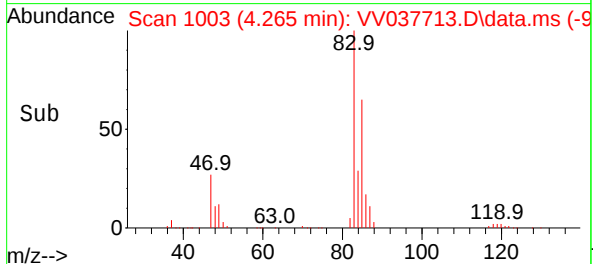
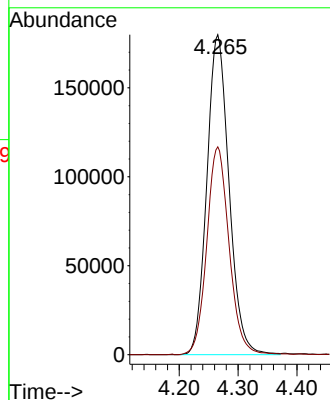
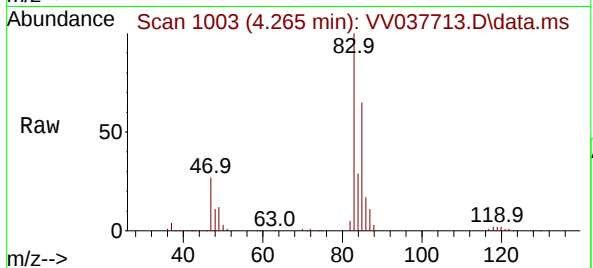
ClientSampleId :

Tgt Ion: 83 Resp: 471002

Ion Ratio Lower Upper

83 100

85 64.9 45.1 83.7



#27

1,2-Dichloroethane

Concen: 48.648 ug/L

RT: 5.031 min Scan# 1241

Delta R.T. -0.006 min

Lab File: VV037713.D

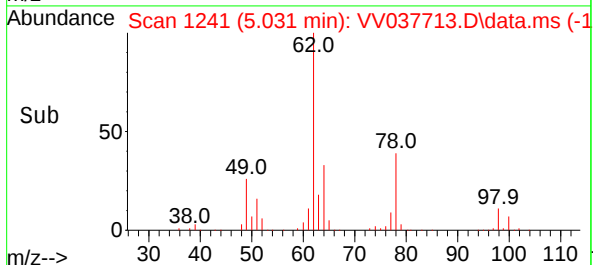
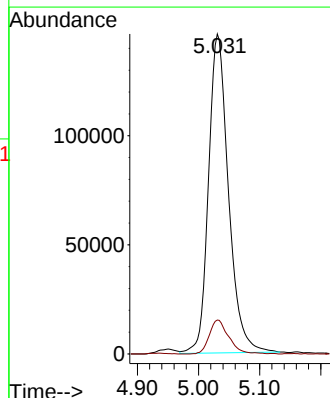
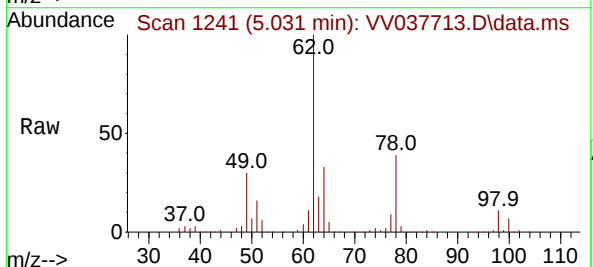
Acq: 02 Oct 2024 09:00

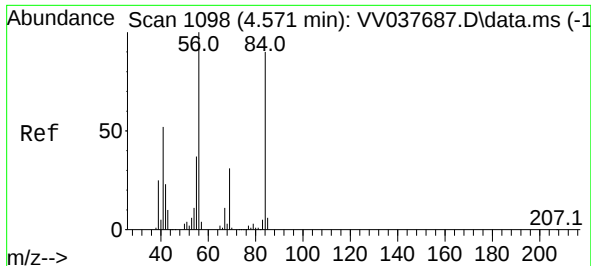
Tgt Ion: 62 Resp: 331816

Ion Ratio Lower Upper

62 100

98 10.6 8.4 12.6





#29

Cyclohexane

Concen: 46.814 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.003 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

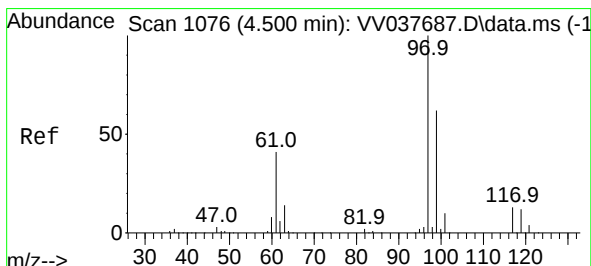
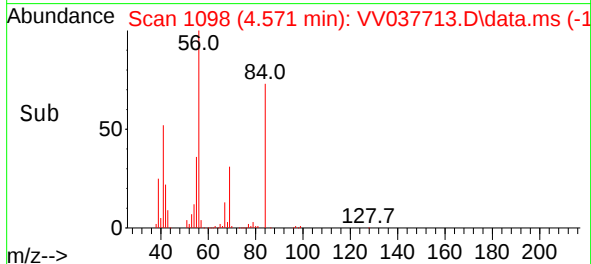
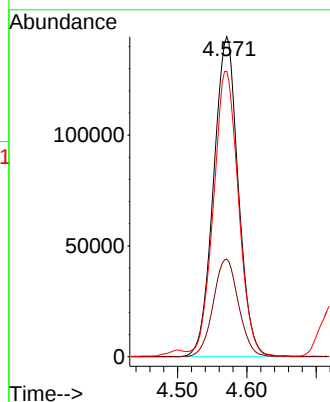
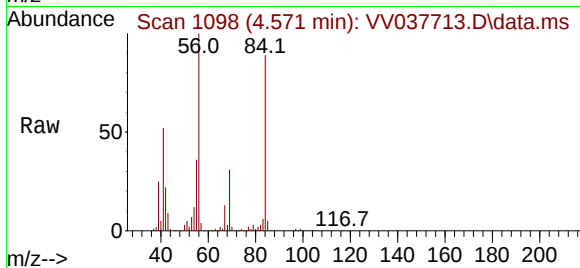
Tgt Ion: 56 Resp: 357877

Ion Ratio Lower Upper

56 100

69 31.3 24.7 37.1

84 90.5 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 47.823 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.006 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

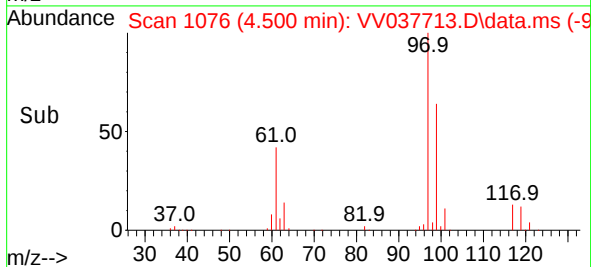
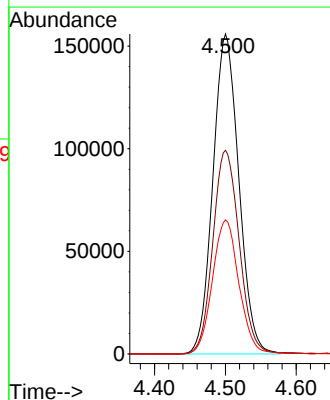
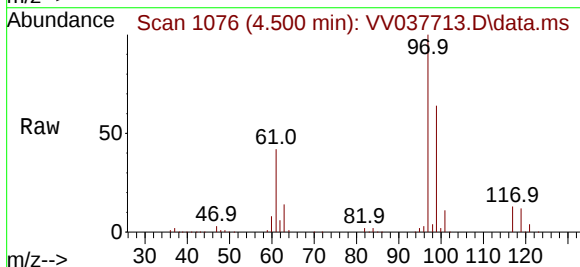
Tgt Ion: 97 Resp: 396578

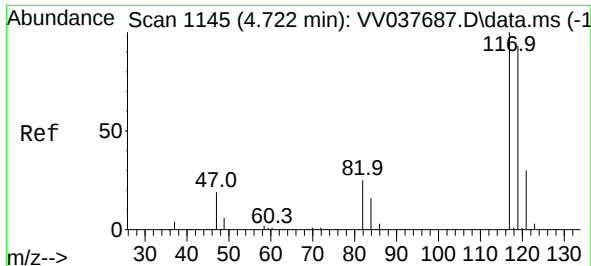
Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.6

61 42.7 33.6 50.4

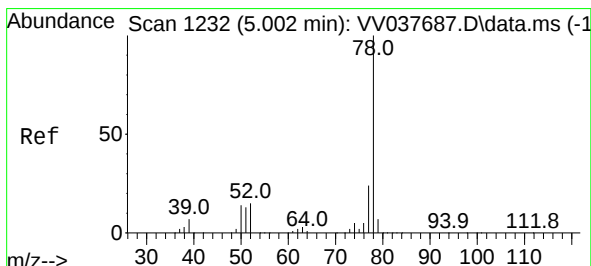
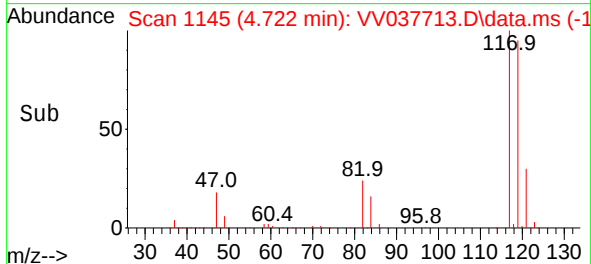
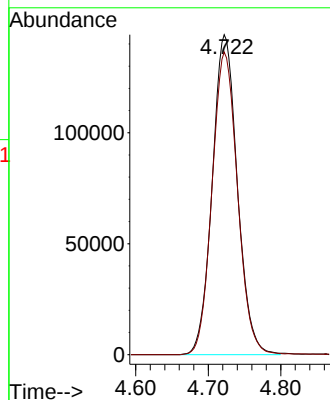
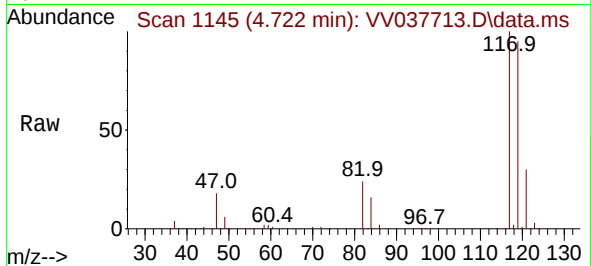




#31
Carbon tetrachloride
Concen: 48.111 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VV037713.D
Acq: 02 Oct 2024 09:00

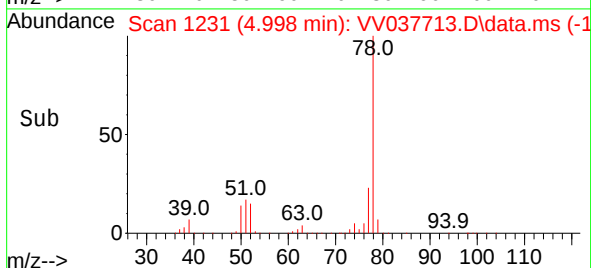
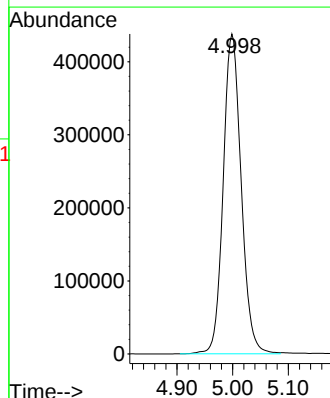
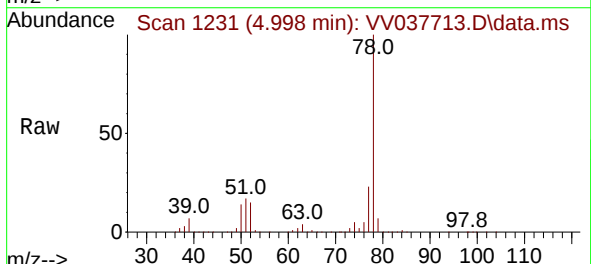
Instrument :
MSVOA_V
ClientSampleId :

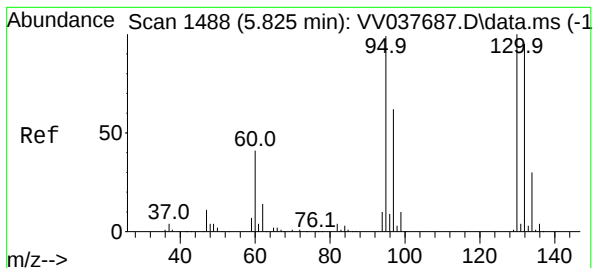
Tgt Ion:117 Resp: 346865
Ion Ratio Lower Upper
117 100
119 95.8 76.9 115.3



#33
Benzene
Concen: 48.434 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VV037713.D
Acq: 02 Oct 2024 09:00

Tgt Ion: 78 Resp: 983502





#34

Trichloroethene

Concen: 47.498 ug/L

RT: 5.822 min Scan# 1488

Delta R.T. -0.006 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 256858

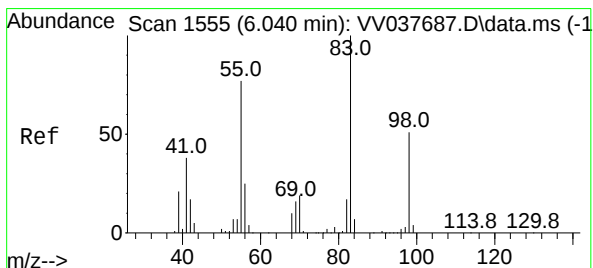
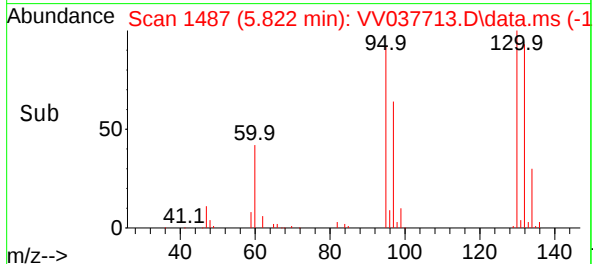
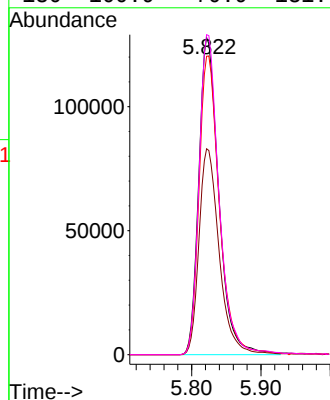
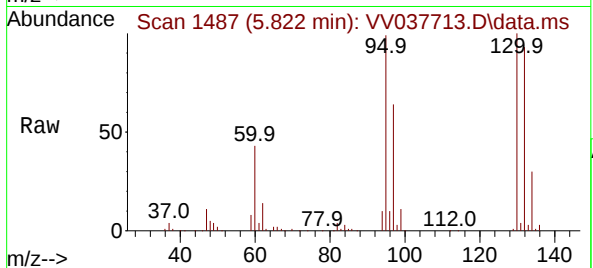
Ion Ratio Lower Upper

95 100

97 65.0 46.3 85.9

132 94.1 68.6 127.4

130 100.9 70.9 131.7



#35

Methylcyclohexane

Concen: 47.702 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.003 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

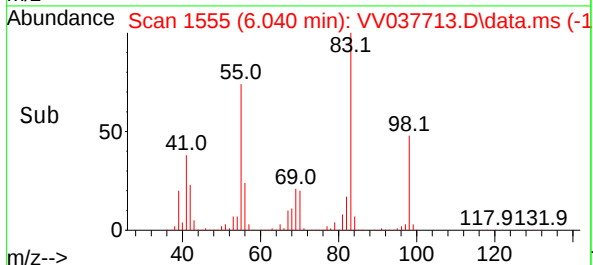
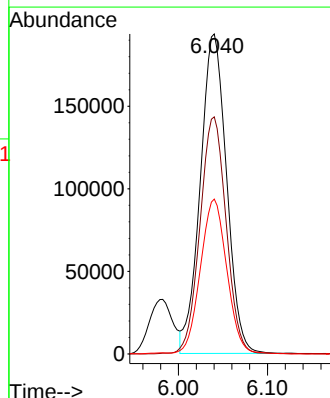
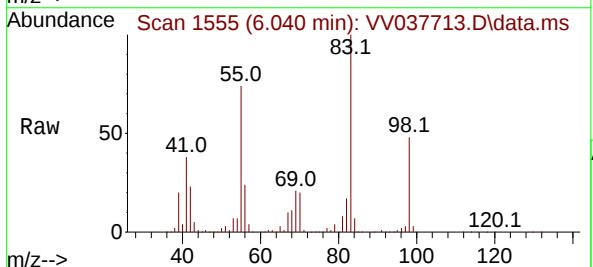
Tgt Ion: 83 Resp: 396841

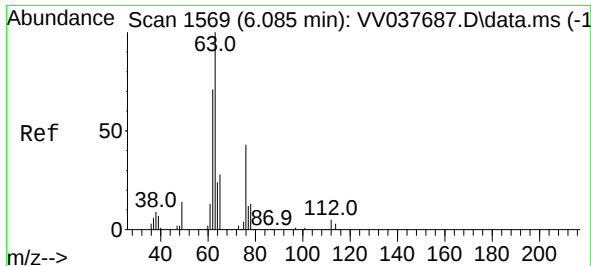
Ion Ratio Lower Upper

83 100

55 74.0 57.9 86.9

98 48.9 39.3 58.9

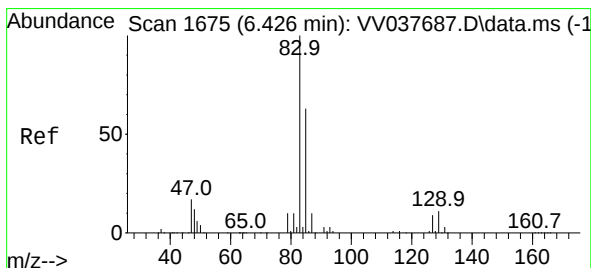
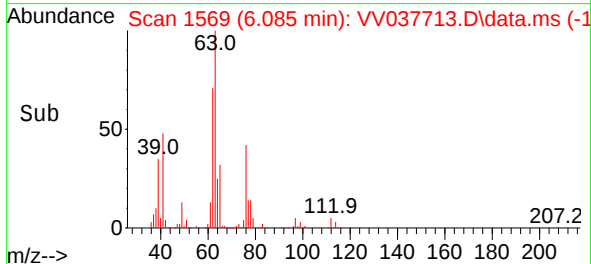
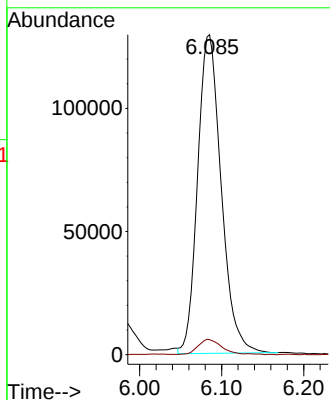
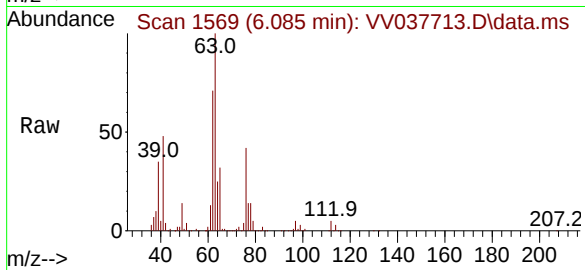




#37
1,2-Dichloropropane
Concen: 49.243 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV037713.D
Acq: 02 Oct 2024 09:00

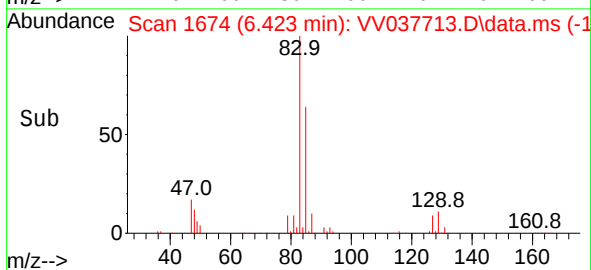
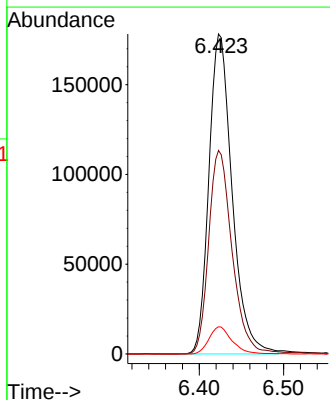
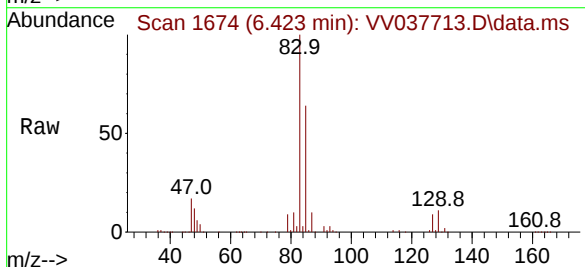
Instrument :
MSVOA_V
ClientSampleId :

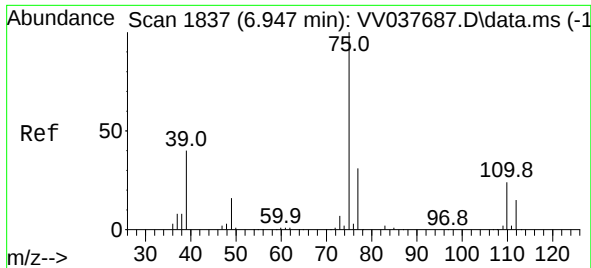
Tgt Ion: 63 Resp: 258212
Ion Ratio Lower Upper
63 100
112 4.5 3.5 5.3



#38
Bromodichloromethane
Concen: 48.711 ug/L
RT: 6.423 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VV037713.D
Acq: 02 Oct 2024 09:00

Tgt Ion: 83 Resp: 341444
Ion Ratio Lower Upper
83 100
85 63.6 45.7 84.9
127 8.5 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 48.850 ug/L

RT: 6.944 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

Instrument :

MSVOA_V

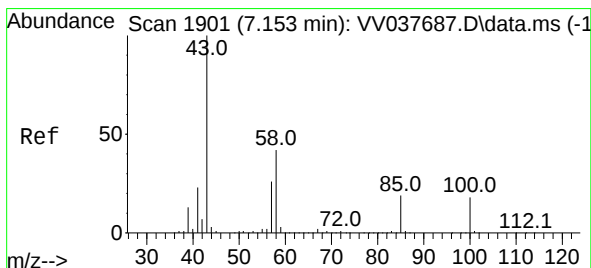
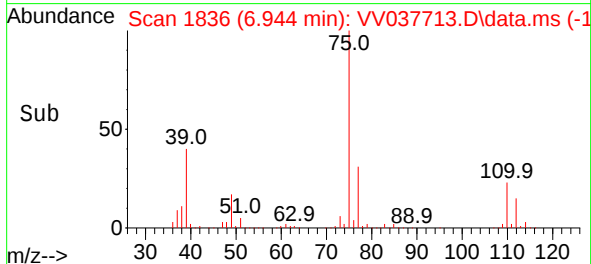
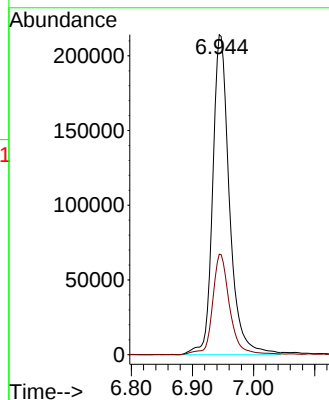
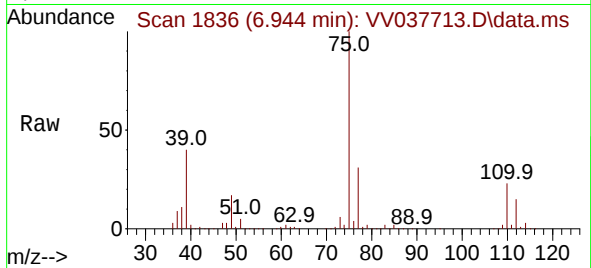
ClientSampleId :

Tgt Ion: 75 Resp: 408887

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 93.720 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.003 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

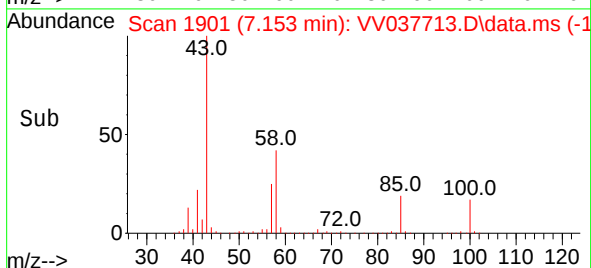
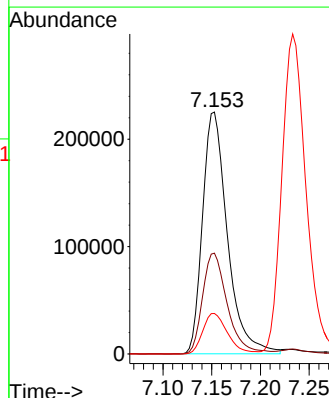
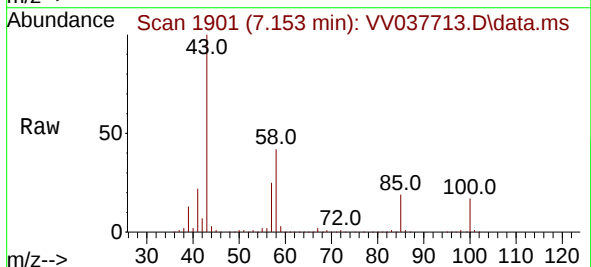
Tgt Ion: 43 Resp: 400129

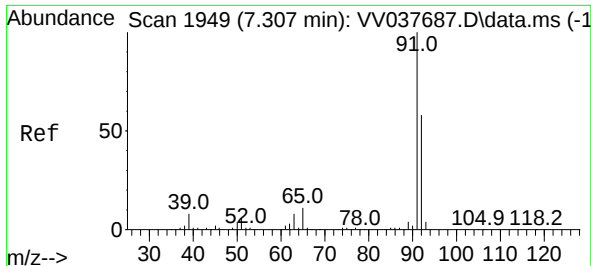
Ion Ratio Lower Upper

43 100

58 41.6 33.0 49.4

100 16.8 13.7 20.5





#42

Toluene

Concen: 49.965 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

Instrument :

MSVOA_V

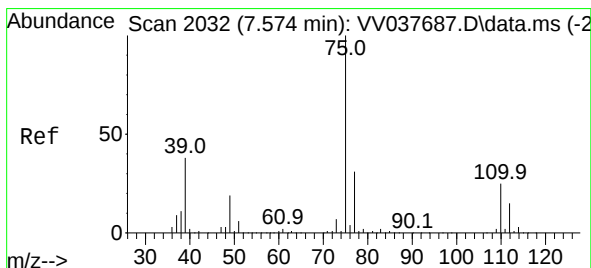
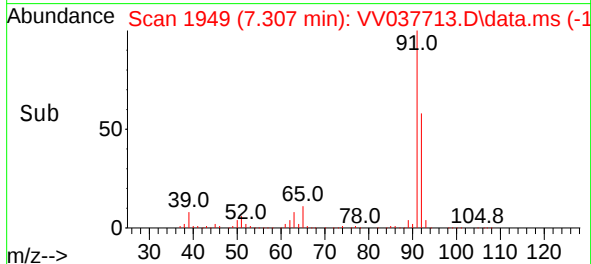
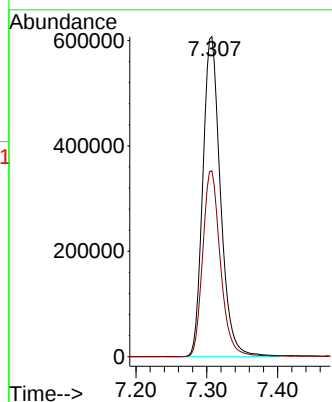
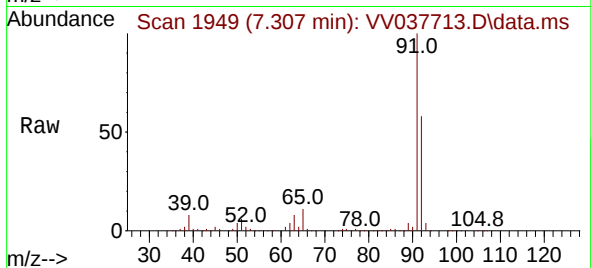
ClientSampleId :

Tgt Ion: 91 Resp: 1051815

Ion Ratio Lower Upper

91 100

92 58.1 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 48.572 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV037713.D

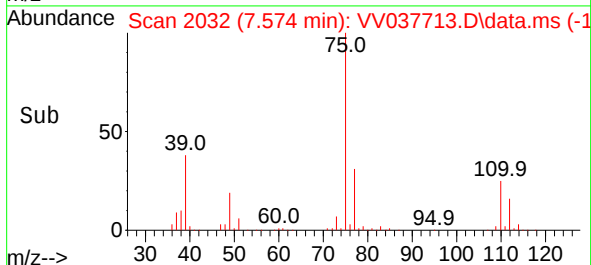
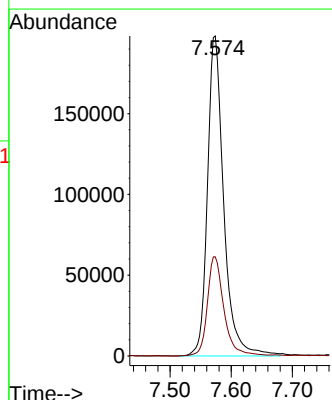
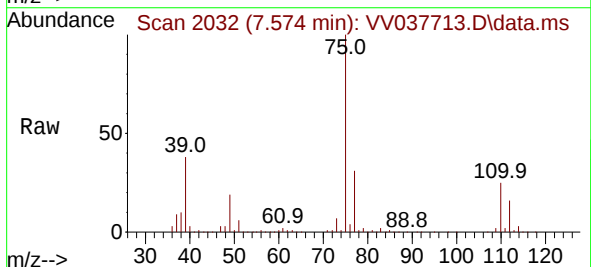
Acq: 02 Oct 2024 09:00

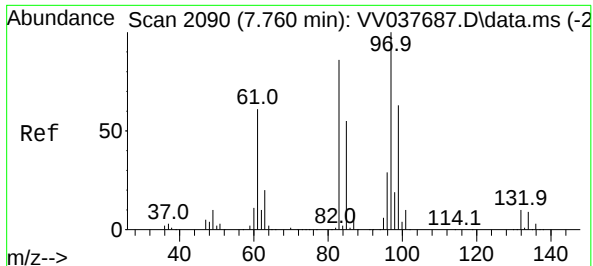
Tgt Ion: 75 Resp: 366032

Ion Ratio Lower Upper

75 100

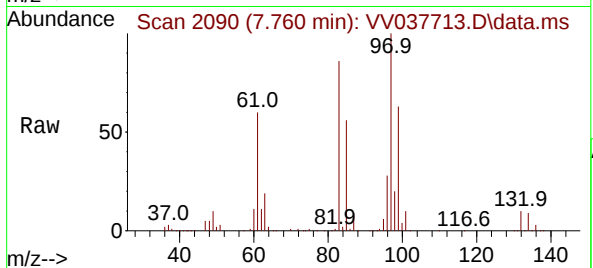
77 31.0 21.9 40.7





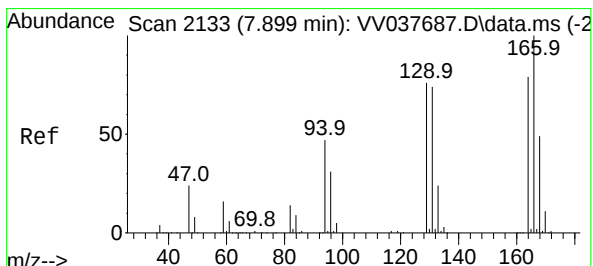
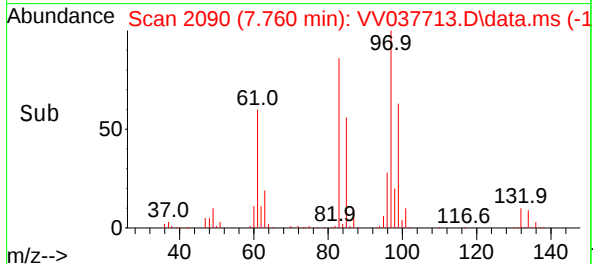
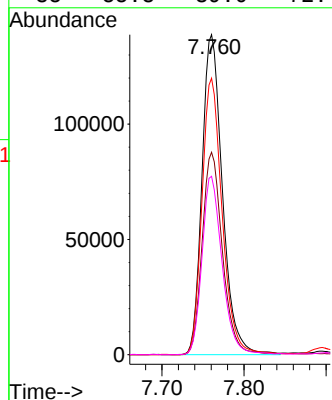
#45
1,1,2-Trichloroethane
Concen: 47.899 ug/L
RT: 7.760 min Scan# 2090
Delta R.T. -0.003 min
Lab File: VV037713.D
Acq: 02 Oct 2024 09:00

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 97 Resp: 241168

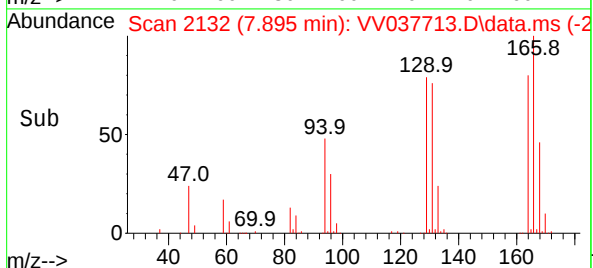
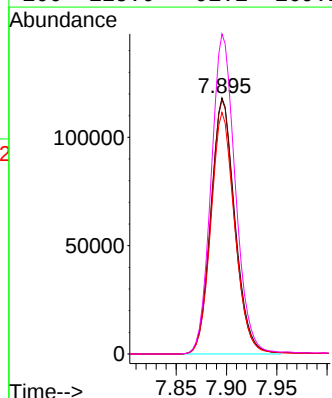
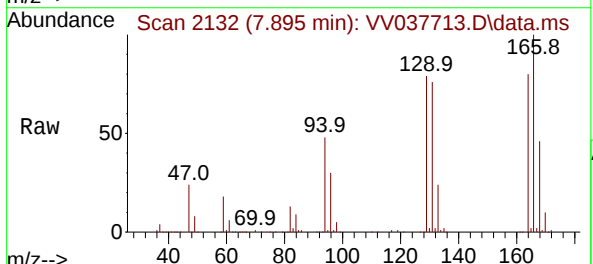
Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.1	81.9
83	86.4	59.3	110.1
85	55.8	39.0	72.4

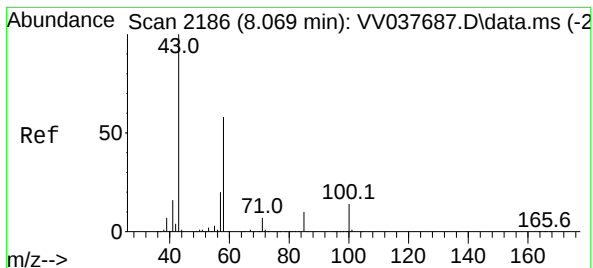


#46
Tetrachloroethene
Concen: 47.354 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.003 min
Lab File: VV037713.D
Acq: 02 Oct 2024 09:00

Tgt Ion: 164 Resp: 195791

Ion	Ratio	Lower	Upper
164	100		
129	99.3	68.2	126.6
131	94.4	66.1	122.8
166	125.0	91.1	169.1





#48

2-Hexanone

Concen: 93.259 ug/L

RT: 8.069 min Scan# 2186

Delta R.T. -0.003 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 309602

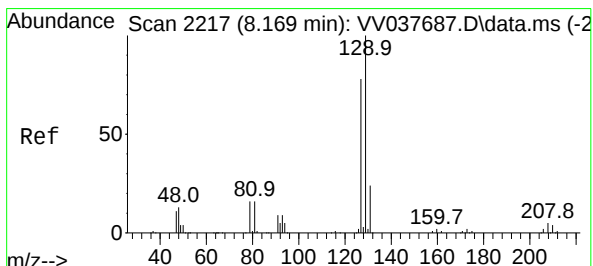
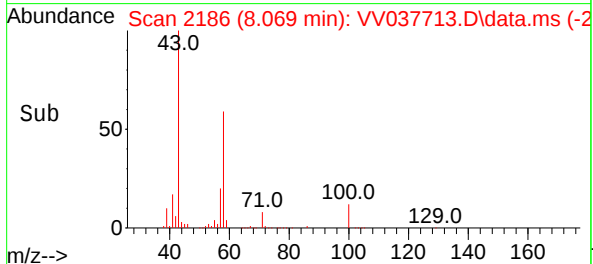
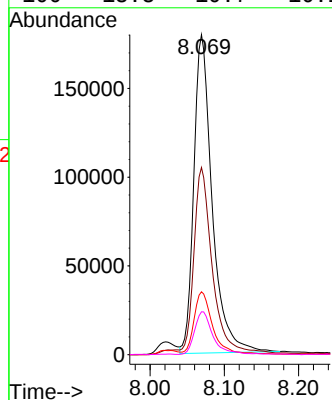
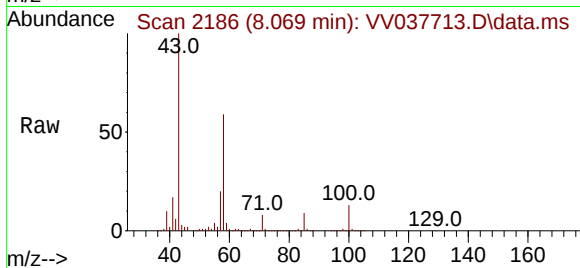
Ion Ratio Lower Upper

43 100

58 58.2 46.5 69.7

57 18.7 15.1 22.7

100 13.3 10.7 16.1



#49

Dibromochloromethane

Concen: 47.811 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. -0.003 min

Lab File: VV037713.D

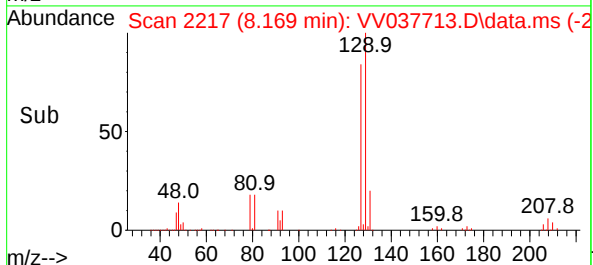
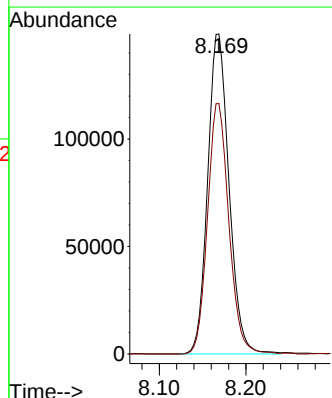
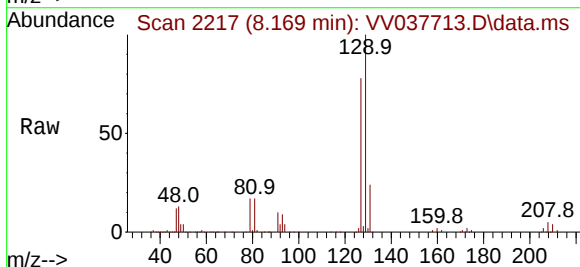
Acq: 02 Oct 2024 09:00

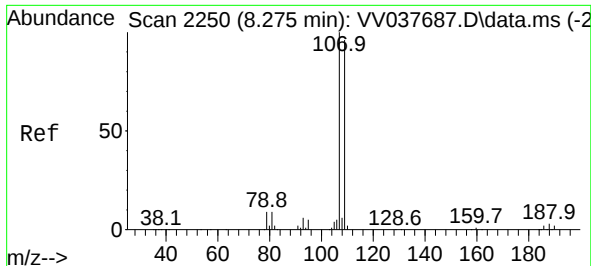
Tgt Ion: 129 Resp: 254780

Ion Ratio Lower Upper

129 100

127 78.3 54.9 101.9

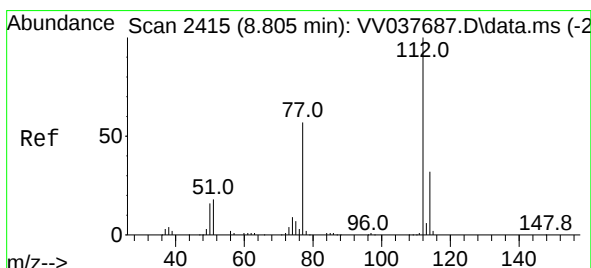
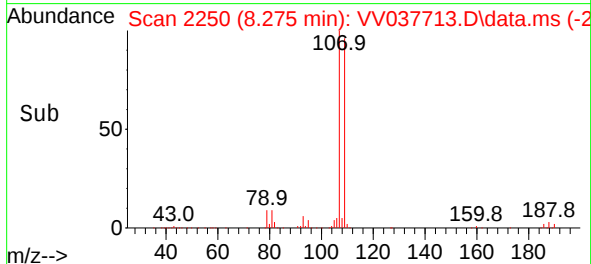
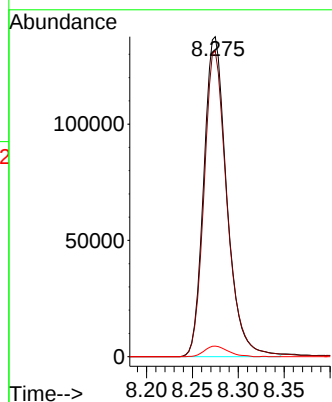
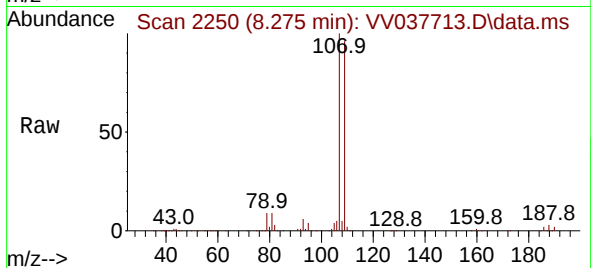




#50
1,2-Dibromoethane
Concen: 46.344 ug/L
RT: 8.275 min Scan# 2415
Delta R.T. -0.003 min
Lab File: VV037713.D
Acq: 02 Oct 2024 09:00

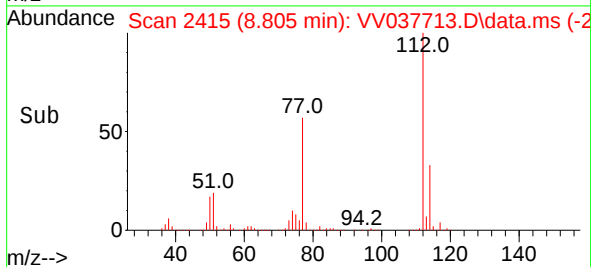
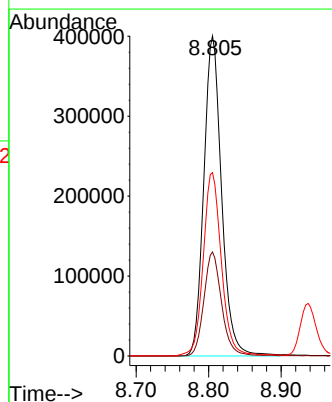
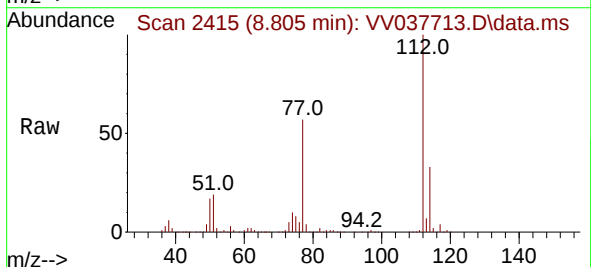
Instrument :
MSVOA_V
ClientSampleId :

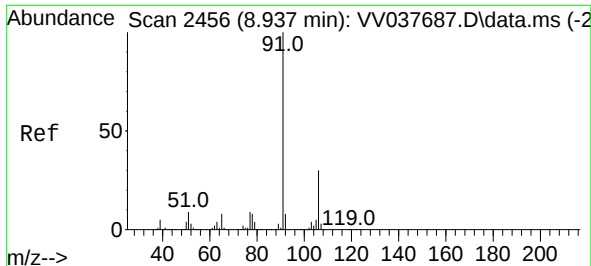
Tgt Ion:107 Resp: 241203
Ion Ratio Lower Upper
107 100
109 95.5 65.7 121.9
188 3.3 2.8 4.2



#51
Chlorobenzene
Concen: 47.629 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.003 min
Lab File: VV037713.D
Acq: 02 Oct 2024 09:00

Tgt Ion:112 Resp: 683108
Ion Ratio Lower Upper
112 100
114 32.5 22.5 41.7
77 57.3 45.8 68.8





#52

Ethylbenzene

Concen: 48.727 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

Instrument :

MSVOA_V

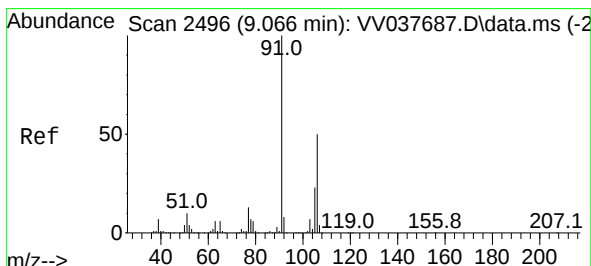
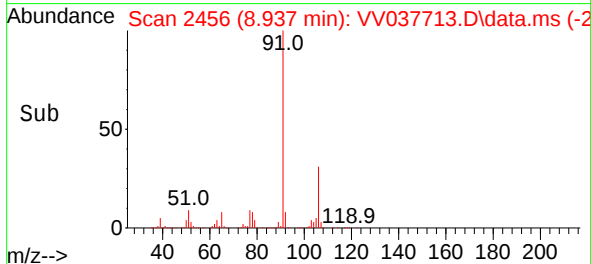
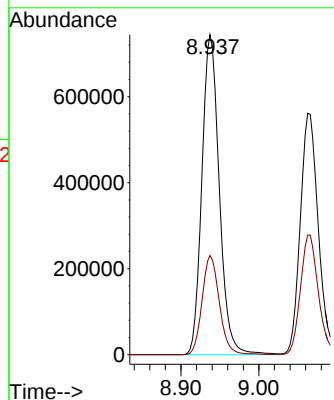
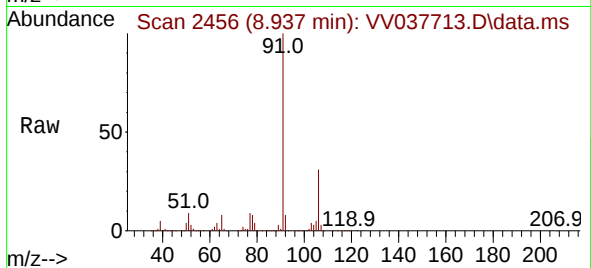
ClientSampleId :

Tgt Ion: 91 Resp: 1154645

Ion Ratio Lower Upper

91 100

106 31.0 21.9 40.7



#53

m,p-Xylene

Concen: 50.364 ug/L

RT: 9.063 min Scan# 2495

Delta R.T. -0.003 min

Lab File: VV037713.D

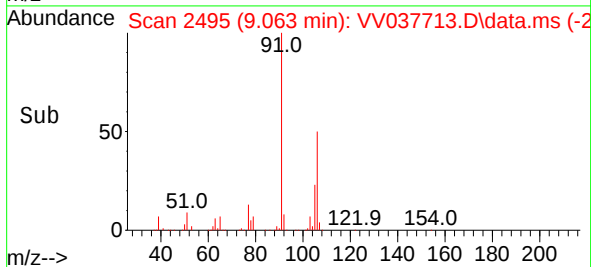
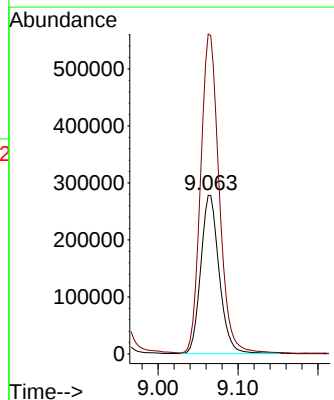
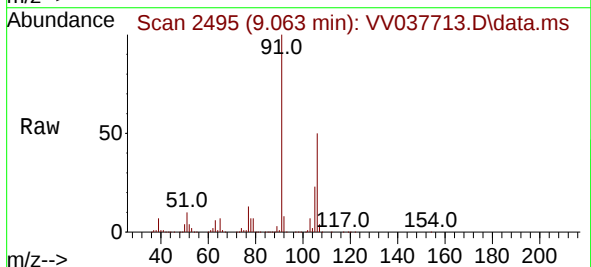
Acq: 02 Oct 2024 09:00

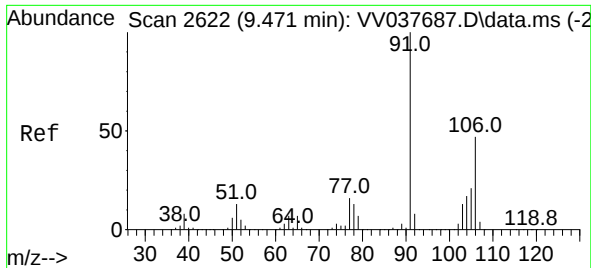
Tgt Ion:106 Resp: 444163

Ion Ratio Lower Upper

106 100

91 201.6 142.0 263.6

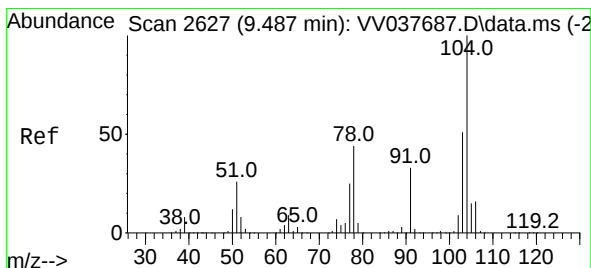
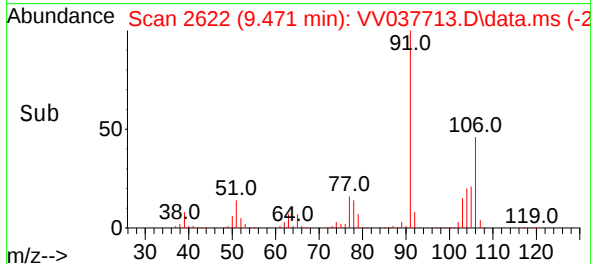
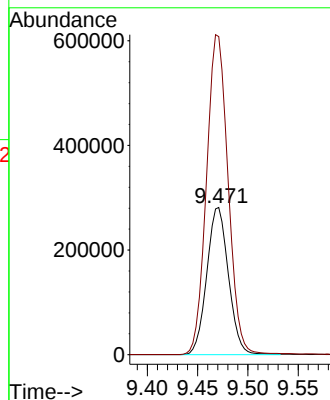
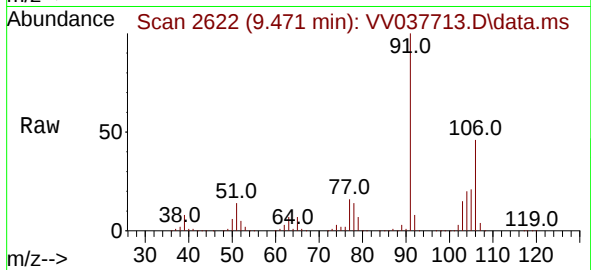




#54
o-Xylene
Concen: 49.077 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV037713.D
Acq: 02 Oct 2024 09:00

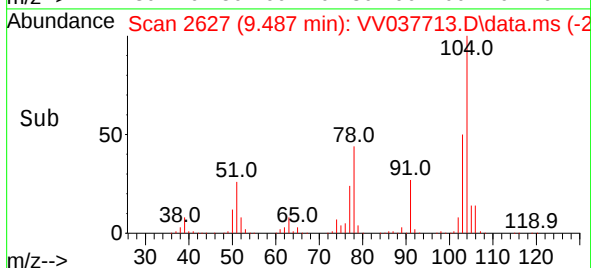
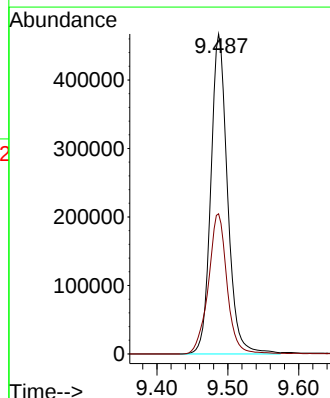
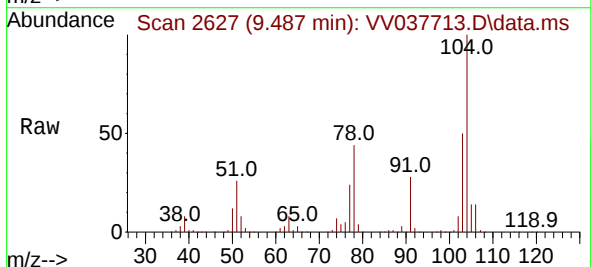
Instrument :
MSVOA_V
ClientSampleId :

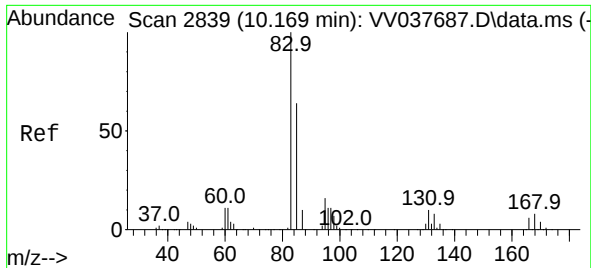
Tgt Ion:106 Resp: 422546
Ion Ratio Lower Upper
106 100
91 216.0 153.9 285.9



#55
Styrene
Concen: 51.106 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.003 min
Lab File: VV037713.D
Acq: 02 Oct 2024 09:00

Tgt Ion:104 Resp: 766013
Ion Ratio Lower Upper
104 100
78 43.8 30.0 55.6

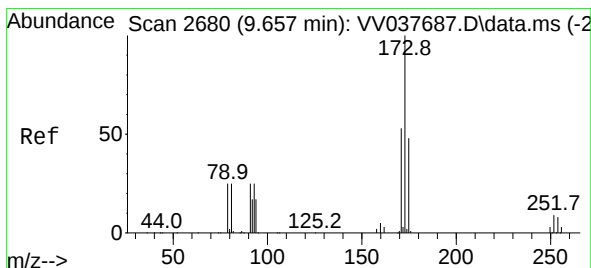
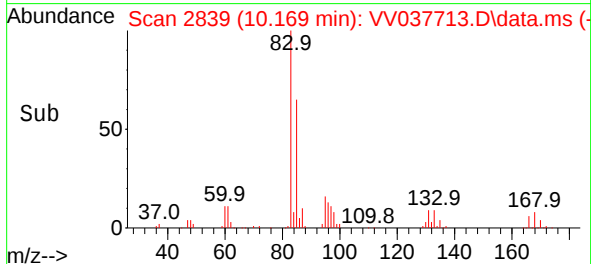
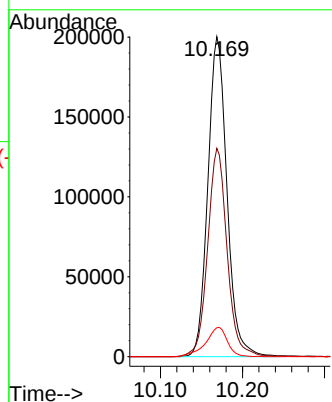
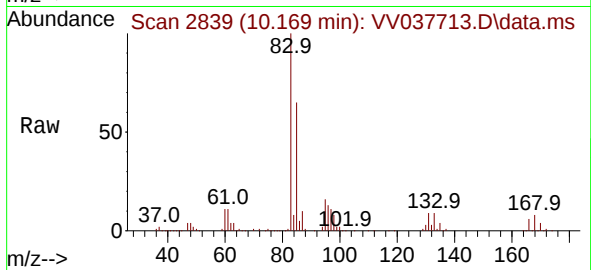




#57
1,1,2,2-Tetrachloroethane
Concen: 46.276 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. -0.003 min
Lab File: VV037713.D
Acq: 02 Oct 2024 09:00

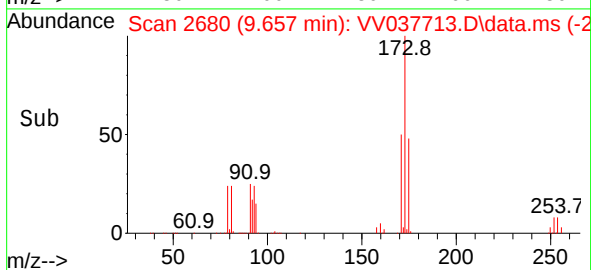
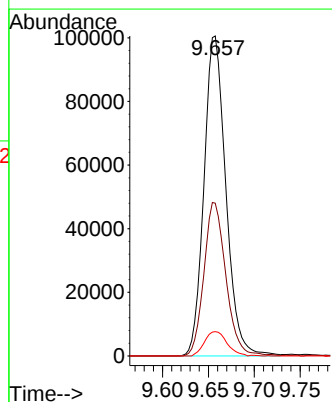
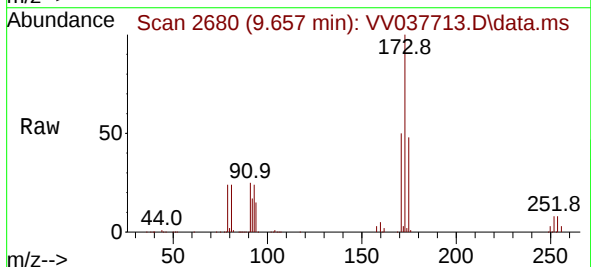
Instrument :
MSVOA_V
ClientSampleId :

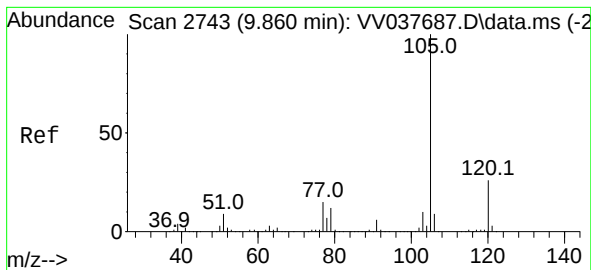
Tgt Ion: 83 Resp: 324845
Ion Ratio Lower Upper
83 100
85 65.1 45.9 85.3
131 9.0 7.9 11.9



#59
Bromoform
Concen: 46.300 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV037713.D
Acq: 02 Oct 2024 09:00

Tgt Ion:173 Resp: 167165
Ion Ratio Lower Upper
173 100
175 47.9 40.0 60.0
254 7.8 6.5 9.7





#60

Isopropylbenzene

Concen: 48.060 ug/L

RT: 9.857 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

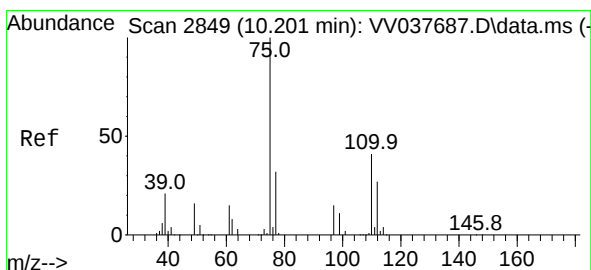
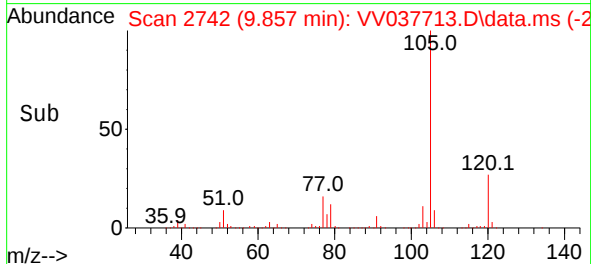
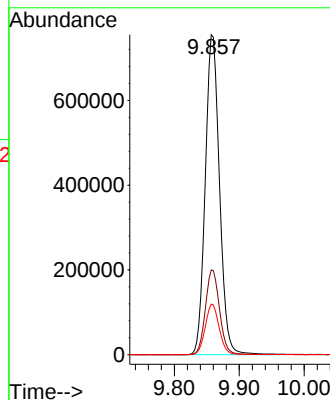
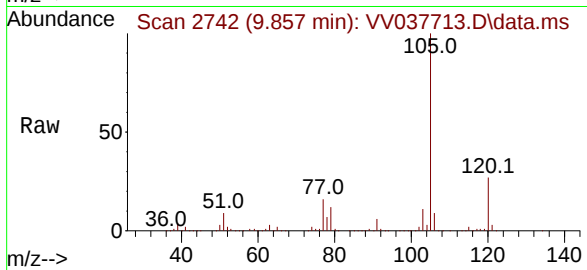
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:105 Resp: 1154246

Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.7	31.1
77	15.4	12.2	18.2



#61

1,2,3-Trichloropropane

Concen: 44.837 ug/L

RT: 10.201 min Scan# 2849

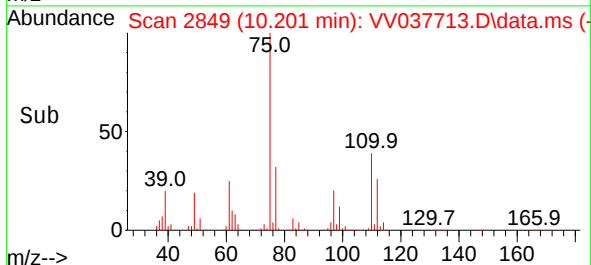
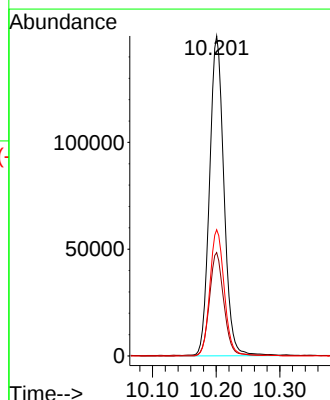
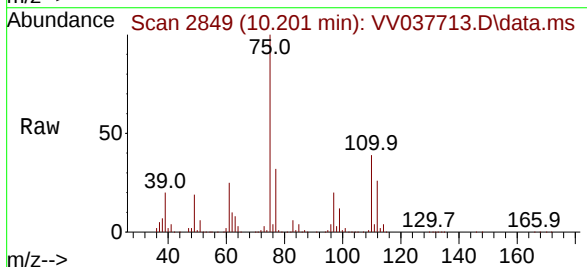
Delta R.T. -0.003 min

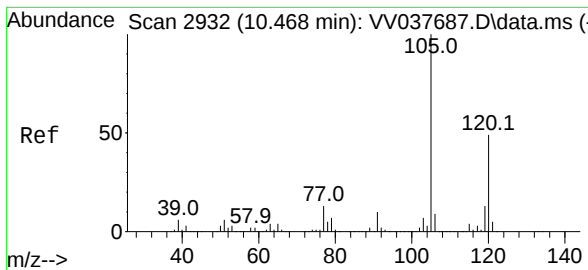
Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

Tgt Ion: 75 Resp: 235683

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.0
110	39.4	31.7	47.5

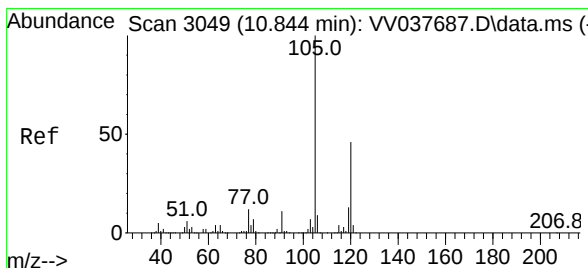
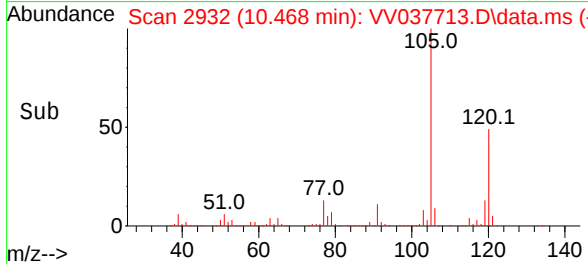
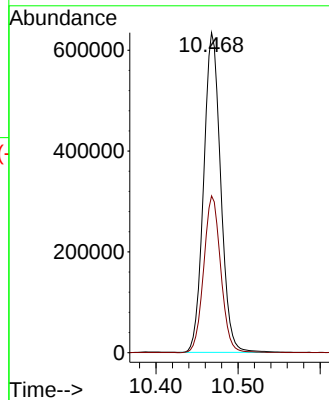
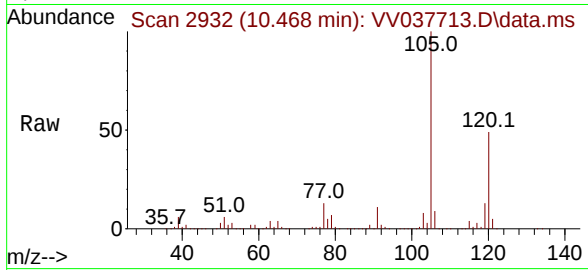




#62
1,3,5-Trimethylbenzene
Concen: 48.194 ug/L
RT: 10.468 min Scan# 2932
Delta R.T. -0.003 min
Lab File: VV037713.D
Acq: 02 Oct 2024 09:00

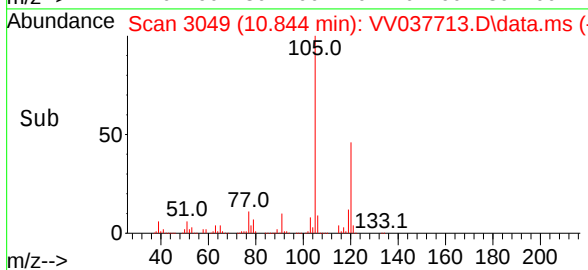
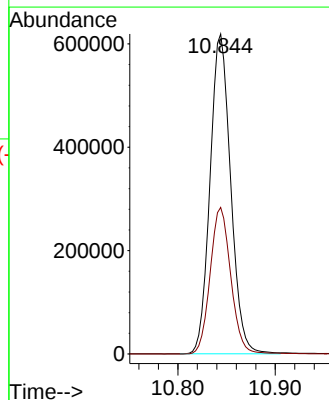
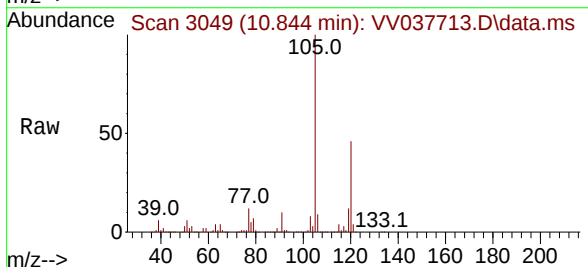
Instrument :
MSVOA_V
ClientSampleId :

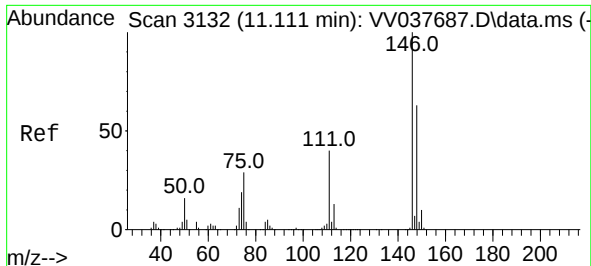
Tgt Ion:105 Resp: 915096
Ion Ratio Lower Upper
105 100
120 49.1 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 48.208 ug/L
RT: 10.844 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VV037713.D
Acq: 02 Oct 2024 09:00

Tgt Ion:105 Resp: 910748
Ion Ratio Lower Upper
105 100
120 45.9 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 47.296 ug/L

RT: 11.108 min Scan# 3132

Delta R.T. -0.003 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

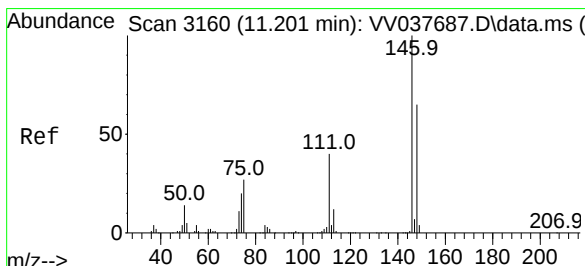
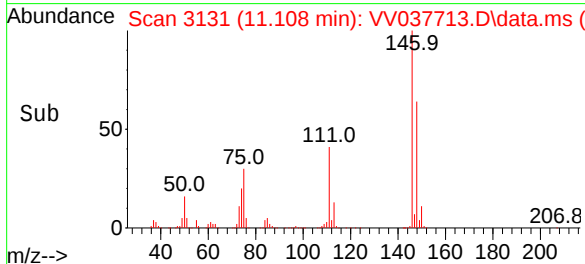
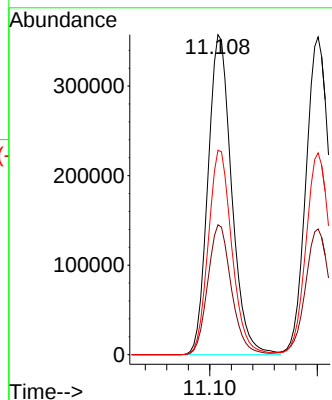
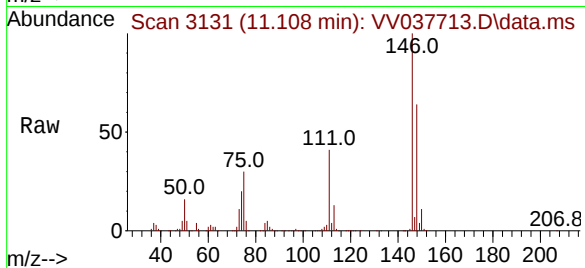
Tgt Ion:146 Resp: 546747

Ion Ratio Lower Upper

146 100

111 40.6 28.3 52.5

148 63.9 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 46.461 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

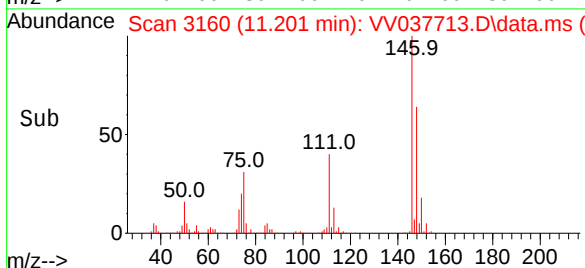
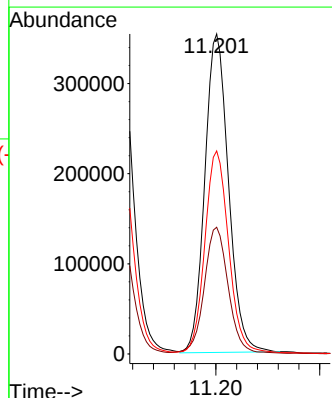
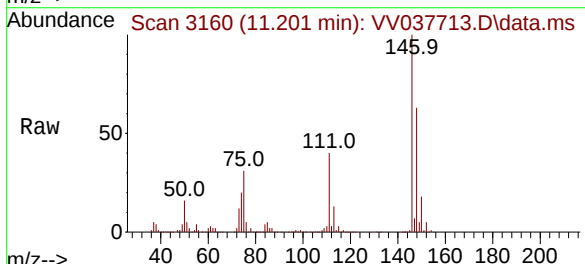
Tgt Ion:146 Resp: 559264

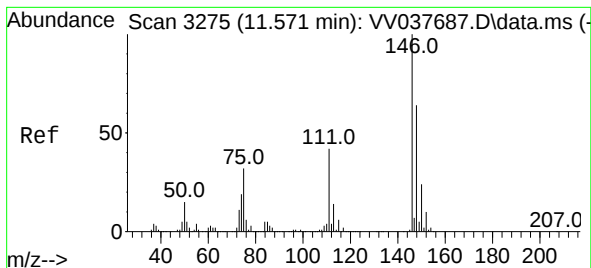
Ion Ratio Lower Upper

146 100

111 39.6 27.6 51.4

148 63.5 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 46.683 ug/L

RT: 11.571 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

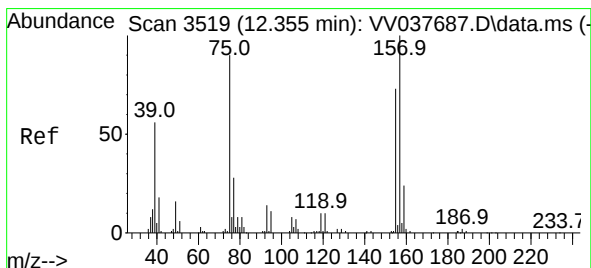
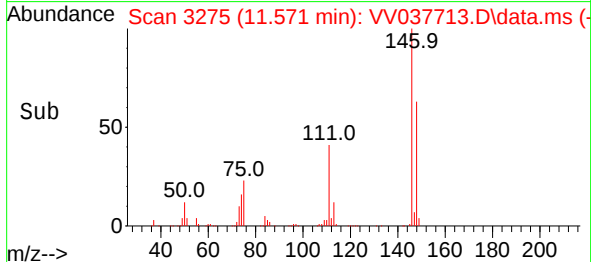
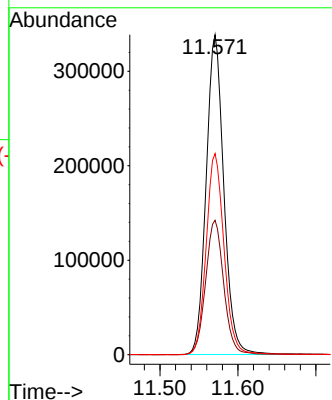
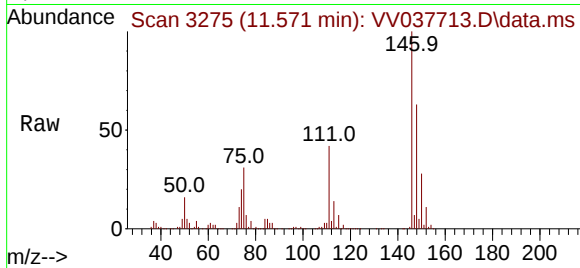
Tgt Ion:146 Resp: 533481

Ion Ratio Lower Upper

146 100

111 42.0 34.2 51.2

148 62.9 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 41.995 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

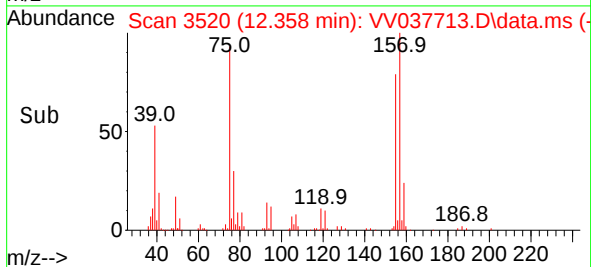
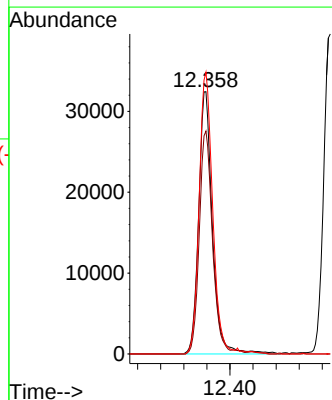
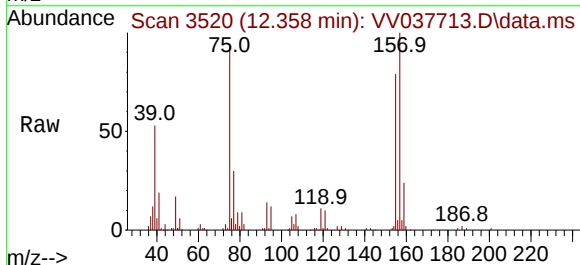
Tgt Ion: 75 Resp: 53585

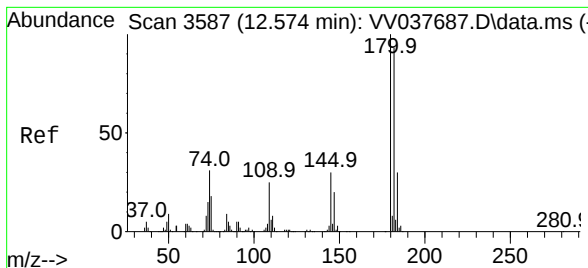
Ion Ratio Lower Upper

75 100

155 85.0 66.2 99.4

157 107.4 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 45.434 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

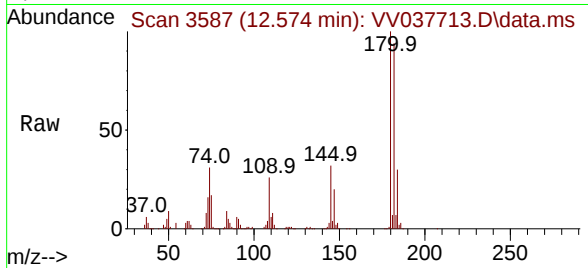
Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 361177

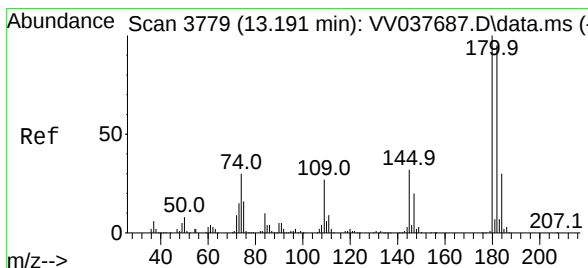
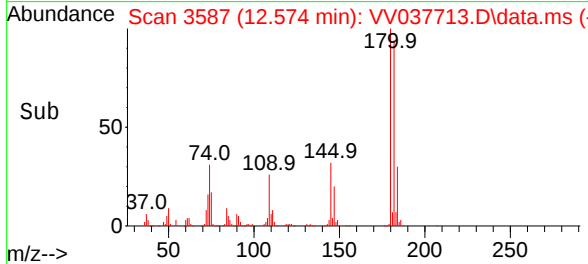
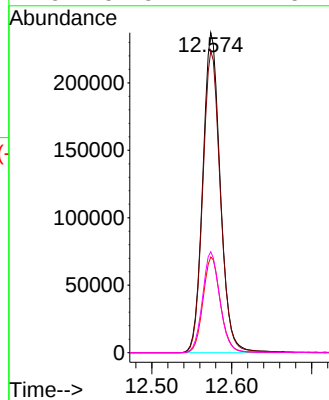
Ion Ratio Lower Upper

180 100

182 95.3 75.6 113.4

184 29.7 23.8 35.6

145 31.3 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 44.232 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

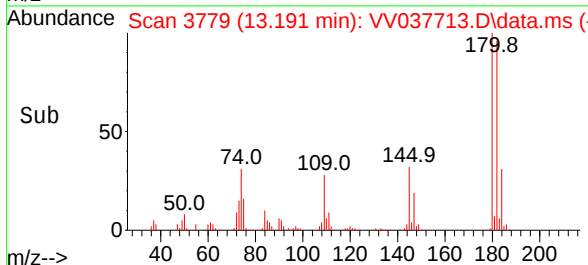
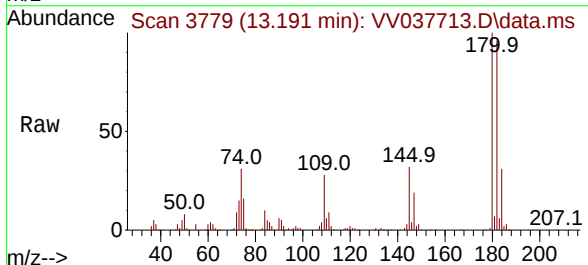
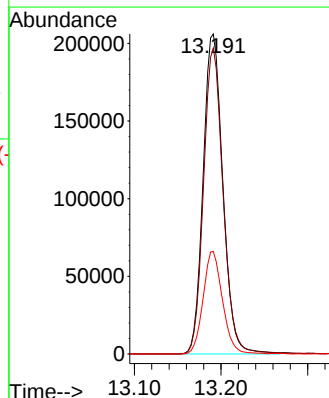
Tgt Ion:180 Resp: 326241

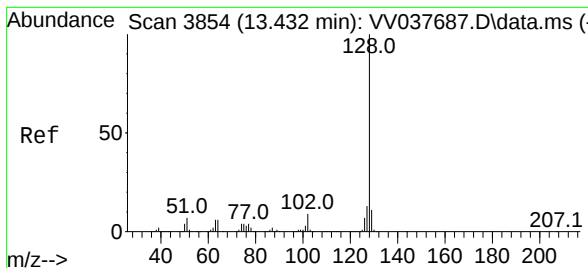
Ion Ratio Lower Upper

180 100

182 94.6 75.9 113.9

145 31.4 25.4 38.2





#71

Naphthalene

Concen: 40.091 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

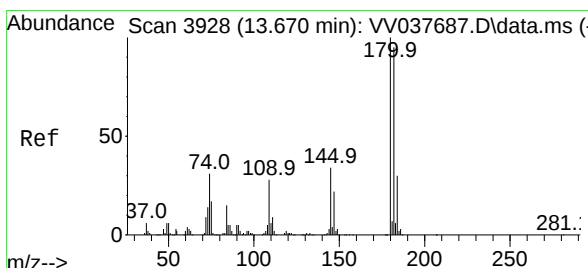
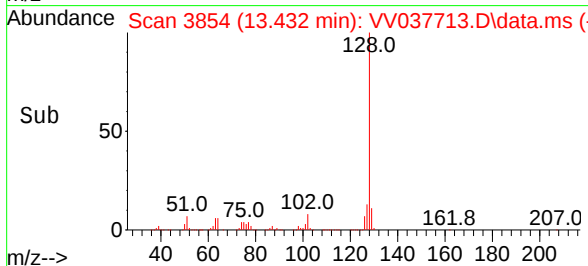
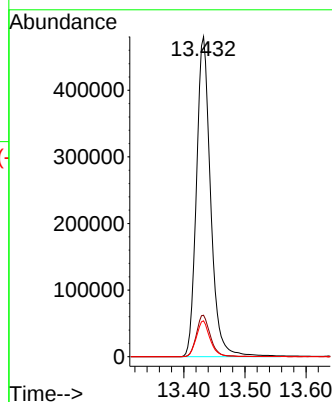
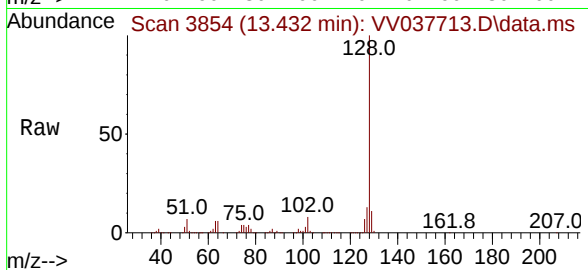
Tgt Ion:128 Resp: 772552

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 43.559 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. -0.003 min

Lab File: VV037713.D

Acq: 02 Oct 2024 09:00

Tgt Ion:180 Resp: 317267

Ion Ratio Lower Upper

180 100

182 94.9 75.8 113.8

145 33.9 26.2 39.4

