

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
 Data File : VV037668.D
 Acq On : 30 Sep 2024 19:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.20g/5mL/100ul/5mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 01 02:11:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 02:04:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	723123	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	694799	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	375444	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	290612	45.781	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.560%
7) Chloroethane-d5	1.532	69	228038	46.281	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.560%
11) 1,1-Dichloroethene-d2	2.059	65	125676	47.388	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.780%
21) 2-Butanone-d5	3.793	46	186466	82.471	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.470%
24) Chloroform-d	4.243	84	514776	45.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.160%
26) 1,2-Dichloroethane-d4	4.937	65	301066	45.544	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.080%
32) Benzene-d6	4.953	84	1022330	47.022	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.040%
36) 1,2-Dichloropropane-d6	5.985	67	313866	45.336	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.680%
41) Toluene-d8	7.236	98	947286	48.050	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.100%
43) trans-1,3-Dichloroprop...	7.548	79	148214	46.085	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.180%
47) 2-Hexanone-d5	8.024	63	143550	98.195	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.190%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	356721	44.345	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.680%
66) 1,2-Dichlorobenzene-d4	11.554	152	353964	44.741	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.480%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	300110	48.751	ug/L	100
3) Chloromethane	1.217	50	296761	49.655	ug/L	98
5) Vinyl chloride	1.285	62	304180	47.474	ug/L	98
6) Bromomethane	1.487	94	169442	47.653	ug/L	100
8) Chloroethane	1.548	64	190425	48.219	ug/L	98
9) Trichlorofluoromethane	1.712	101	422174	48.950	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	249755	48.461	ug/L	99
12) 1,1-Dichloroethene	2.069	96	234022	48.611	ug/L	89
13) Acetone	2.111	43	150251	67.789	ug/L	99
14) Carbon disulfide	2.240	76	681010	45.318	ug/L	100
15) Methyl Acetate	2.371	43	198472	51.311	ug/L	100
16) Methylene chloride	2.445	84	259356	47.580	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	245955	48.293	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	732505	50.131	ug/L	100
19) 1,1-Dichloroethane	3.108	63	478979	49.086	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	281982	49.477	ug/L	99
22) 2-Butanone	3.873	43	209141	85.250	ug/L	97
23) Bromochloromethane	4.140	128	143536	48.687	ug/L	99
25) Chloroform	4.272	83	485583	48.063	ug/L	99

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Quant Time: Oct 01 02:11:50 2024
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 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 02:04:27 2024
 Response via : Initial Calibration

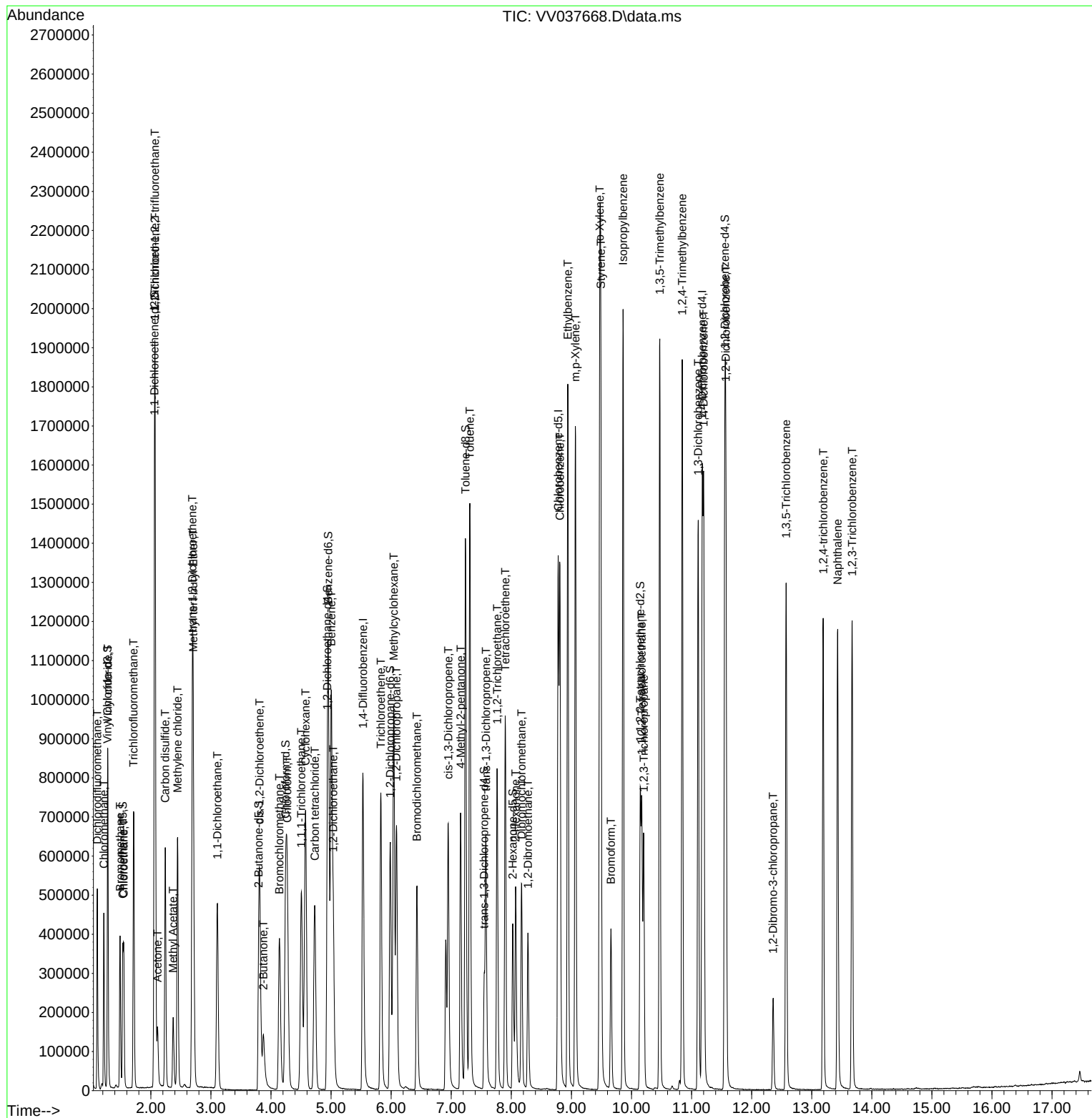
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	359854	50.454	ug/L	99
29) Cyclohexane	4.574	56	391247	49.596	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	425645	49.740	ug/L	100
31) Carbon tetrachloride	4.728	117	370264	49.768	ug/L	99
33) Benzene	5.005	78	1046754	49.954	ug/L	100
34) Trichloroethene	5.828	95	279965	50.169	ug/L	97
35) Methylcyclohexane	6.043	83	420788	49.016	ug/L	99
37) 1,2-Dichloropropane	6.088	63	266307	49.216	ug/L	98
38) Bromodichloromethane	6.429	83	354168	48.963	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	418055	48.400	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	452182	102.636	ug/L	99
42) Toluene	7.310	91	1115988	51.373	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	388211	49.922	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	259333	49.913	ug/L	98
46) Tetrachloroethene	7.898	164	214057	50.170	ug/L	97
48) 2-Hexanone	8.072	43	321894	93.962	ug/L	99
49) Dibromochloromethane	8.172	129	271911	49.448	ug/L	97
50) 1,2-Dibromoethane	8.278	107	266175	49.560	ug/L	99
51) Chlorobenzene	8.808	112	736779	49.782	ug/L	99
52) Ethylbenzene	8.940	91	1235396	50.522	ug/L	100
53) m,p-Xylene	9.066	106	477229	52.440	ug/L	100
54) o-Xylene	9.471	106	459830	51.755	ug/L	96
55) Styrene	9.490	104	810832	52.423	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	356833	49.260	ug/L	100
59) Bromoform	9.657	173	177442	48.356	ug/L	98
60) Isopropylbenzene	9.860	105	1243851	50.958	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	261417	48.933	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	1006880	52.175	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	995018	51.821	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	583803	49.690	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	596477	48.756	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	572122	49.259	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	59947	46.225	ug/L	99
69) 1,3,5-Trichlorobenzene	12.573	180	392171	48.539	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	360195	48.051	ug/L	99
71) Naphthalene	13.432	128	940563	48.025	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	351286	47.454	ug/L	99

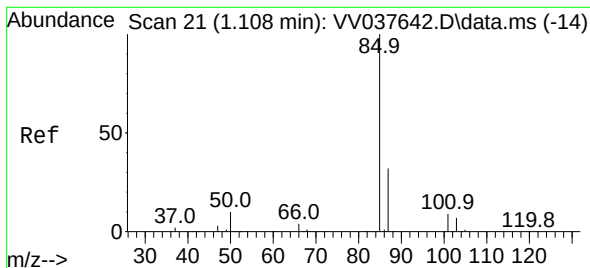
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VV037668.D
Acq On : 30 Sep 2024 19:55
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Sample : VSTDC0050
Misc : 5.20g/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

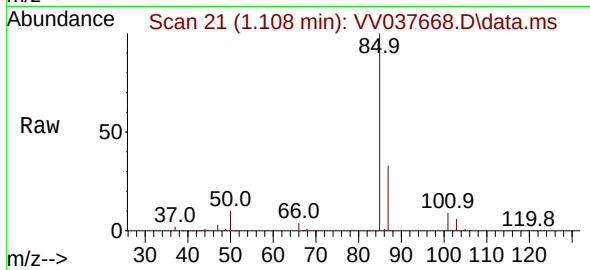
Quant Time: Oct 01 02:11:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:04:27 2024
Response via : Initial Calibration



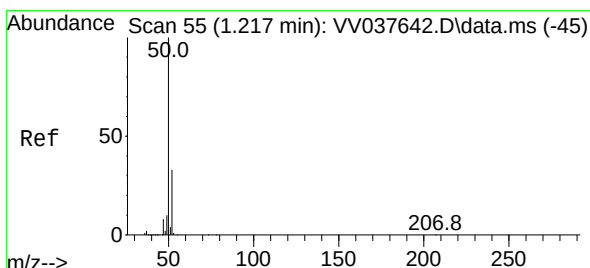
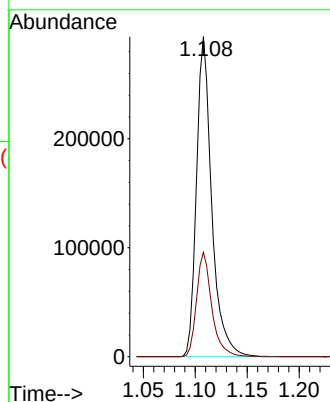
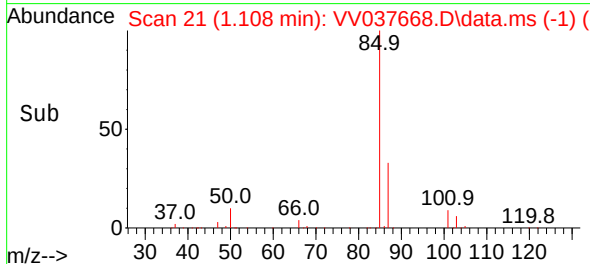


#2
 Dichlorodifluoromethane
 Concen: 48.751 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV037668.D
 Acq: 30 Sep 2024 19:55

Instrument :
 MSVOA_V
 ClientSampleId :

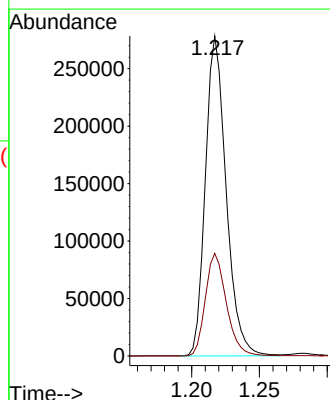
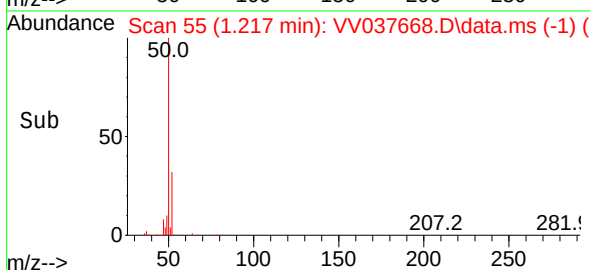
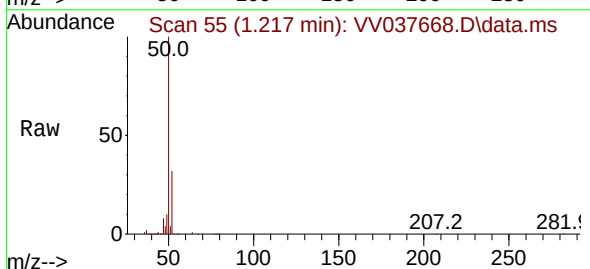


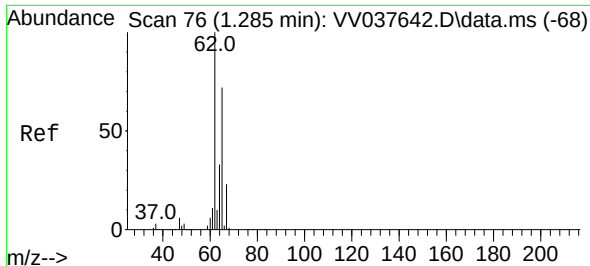
Tgt Ion: 85 Resp: 300110
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.8



#3
 Chloromethane
 Concen: 49.655 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV037668.D
 Acq: 30 Sep 2024 19:55

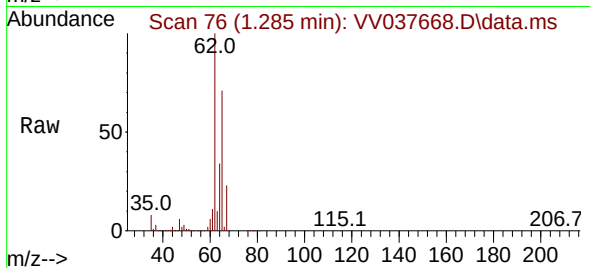
Tgt Ion: 50 Resp: 296761
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.2 43.2



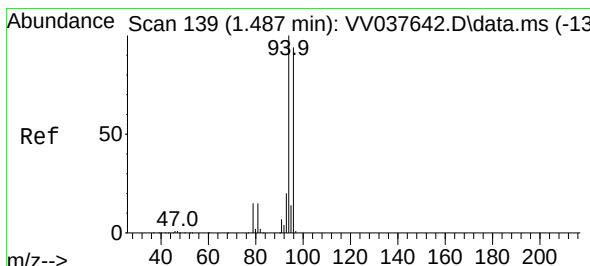
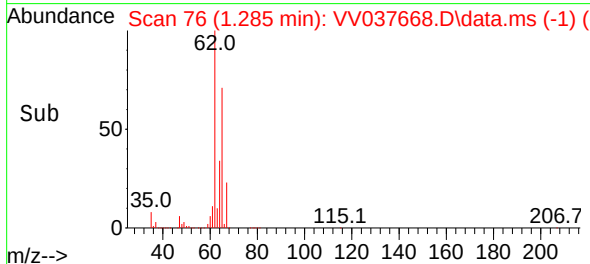
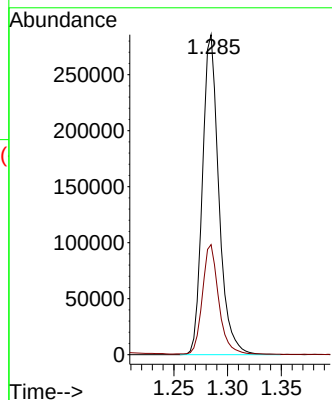


#5
 Vinyl chloride
 Concen: 47.474 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV037668.D
 Acq: 30 Sep 2024 19:55

Instrument :
 MSVOA_V
 ClientSampleId :

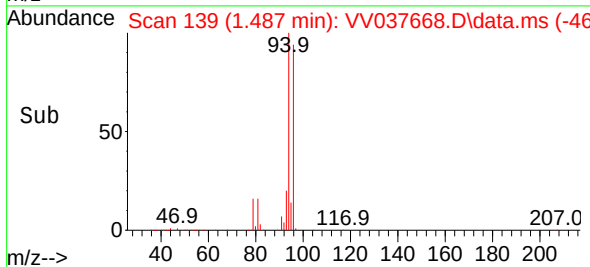
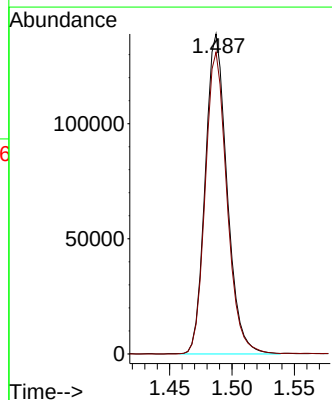
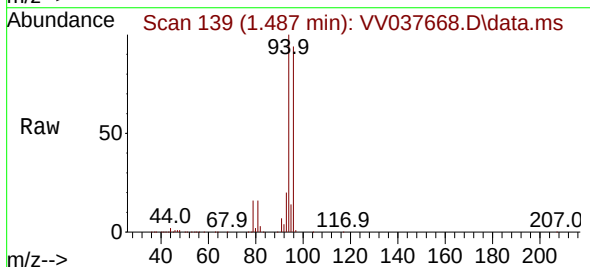


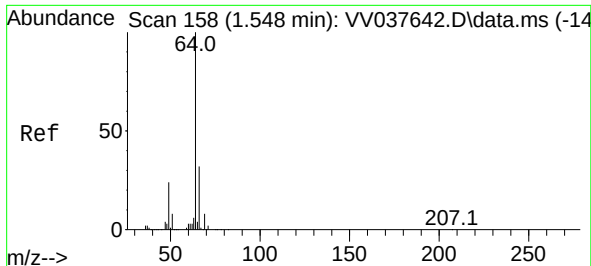
Tgt Ion: 62 Resp: 304180
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.2 43.0



#6
 Bromomethane
 Concen: 47.653 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV037668.D
 Acq: 30 Sep 2024 19:55

Tgt Ion: 94 Resp: 169442
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.8 122.2

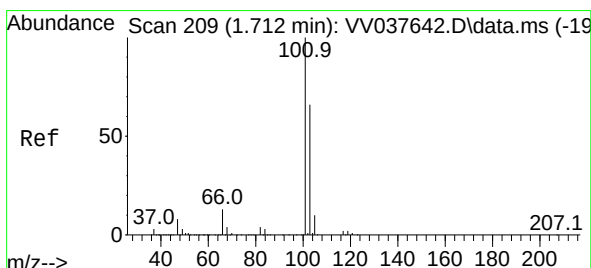
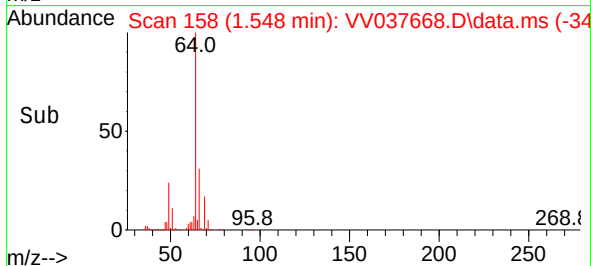
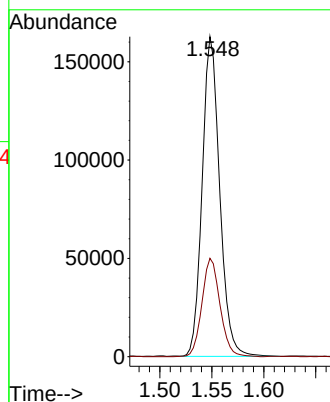
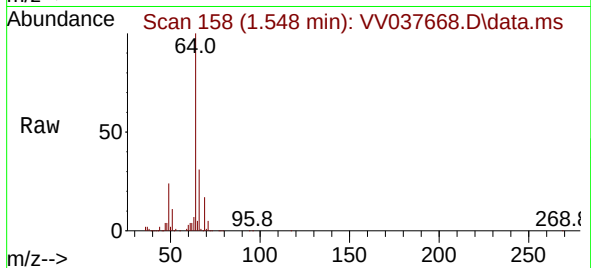




#8
Chloroethane
Concen: 48.219 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

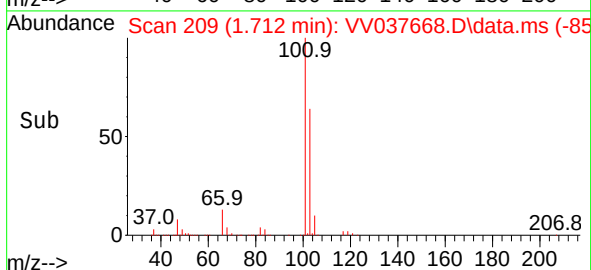
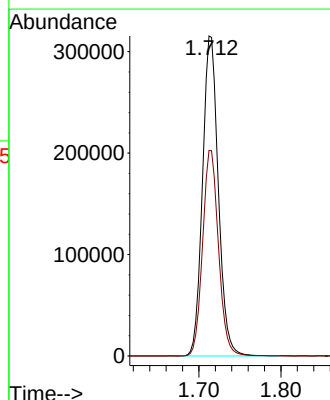
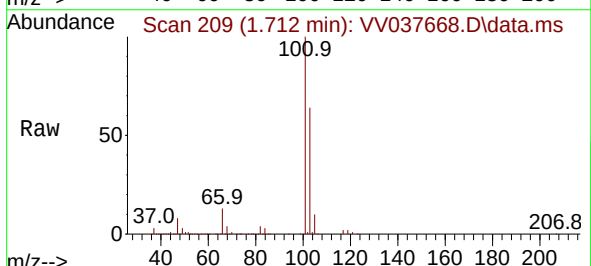
Instrument :
MSVOA_V
ClientSampleId :

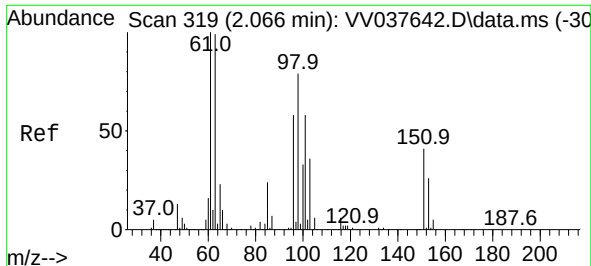
Tgt Ion: 64 Resp: 190425
Ion Ratio Lower Upper
64 100
66 30.8 22.2 41.2



#9
Trichlorofluoromethane
Concen: 48.950 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

Tgt Ion:101 Resp: 422174
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.4





#10

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

Concen: 48.461 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV037668.D

Acq: 30 Sep 2024 19:55

Instrument :

MSVOA_V

ClientSampleId :

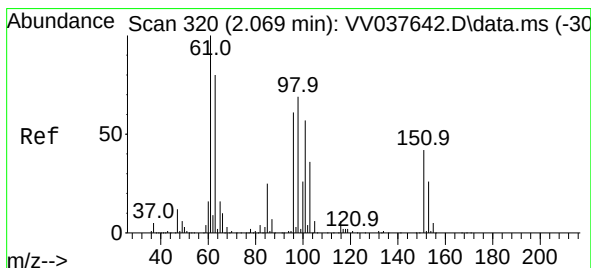
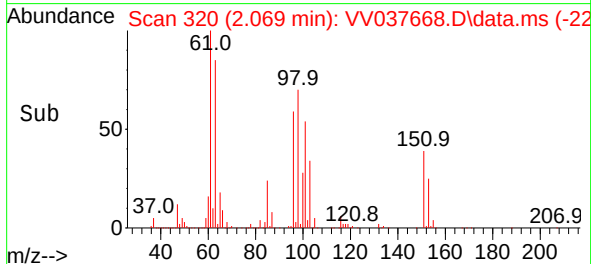
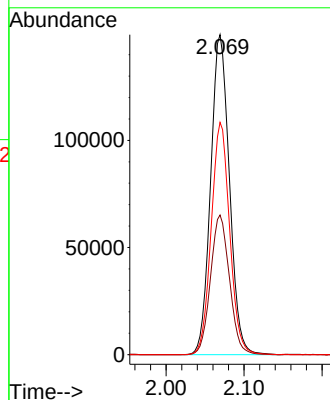
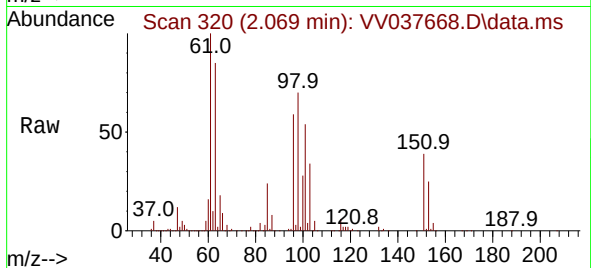
Tgt Ion:101 Resp: 249755

Ion Ratio Lower Upper

101 100

85 44.1 34.6 52.0

151 71.5 57.5 86.3



#12

1,1-Dichloroethene

Concen: 48.611 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV037668.D

Acq: 30 Sep 2024 19:55

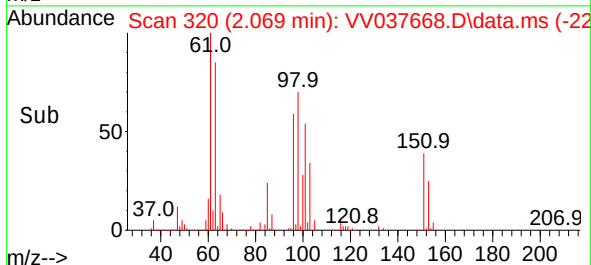
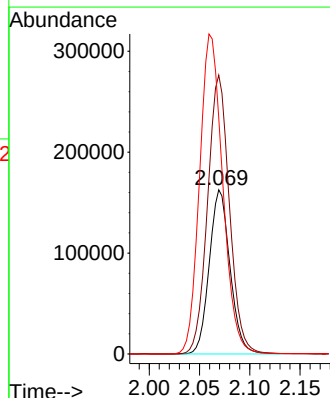
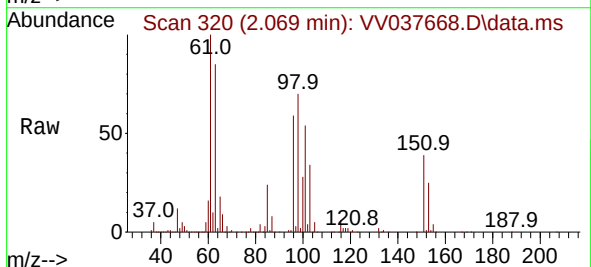
Tgt Ion: 96 Resp: 234022

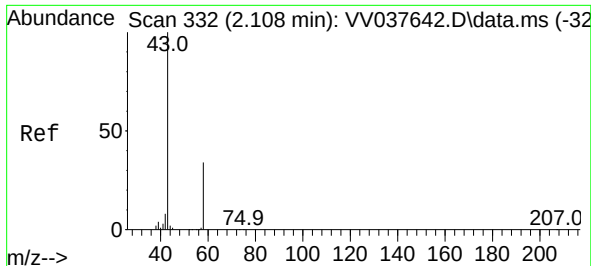
Ion Ratio Lower Upper

96 100

61 169.9 122.6 227.6

63 143.8 118.0 219.2





#13

Acetone

Concen: 67.789 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.003 min

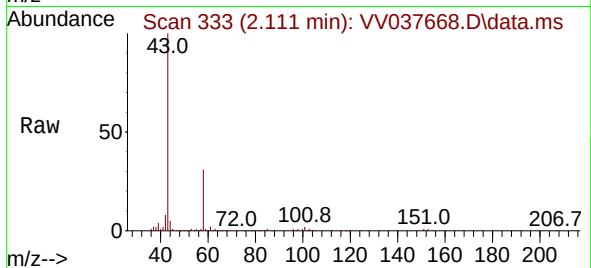
Lab File: VV037668.D

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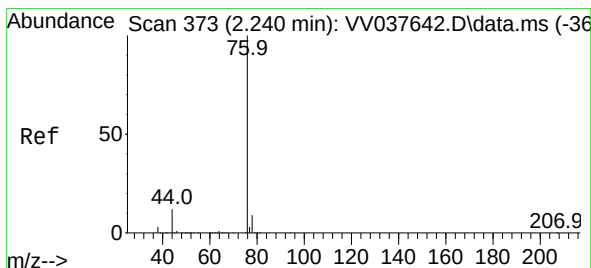
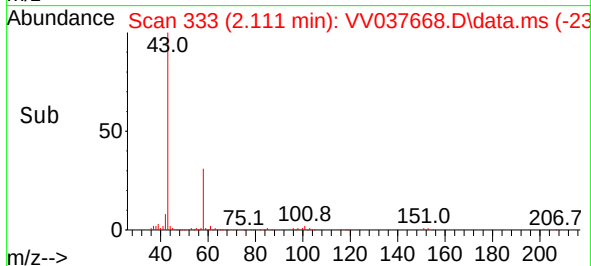
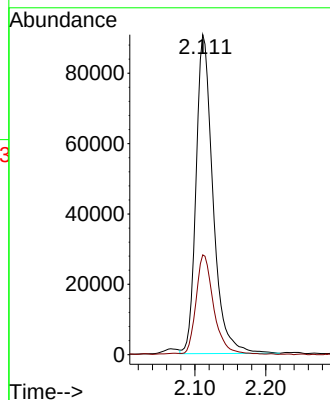


Tgt Ion: 43 Resp: 150251

Ion Ratio Lower Upper

43 100

58 32.7 0.0 66.6



#14

Carbon disulfide

Concen: 45.318 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV037668.D

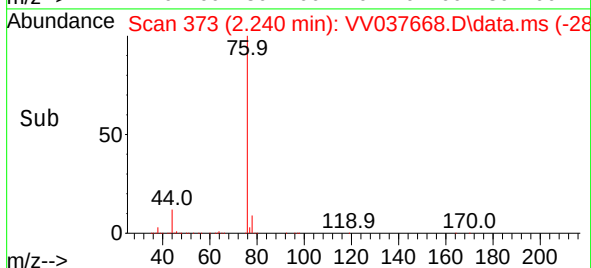
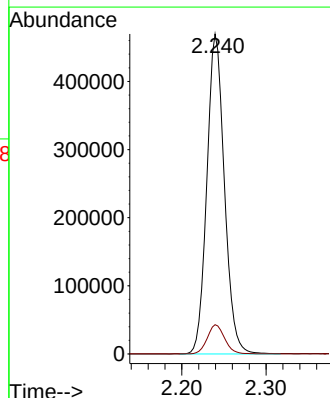
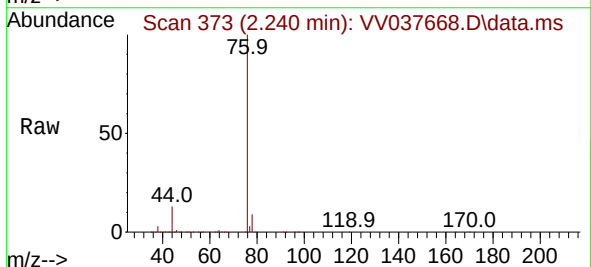
Acq: 30 Sep 2024 19:55

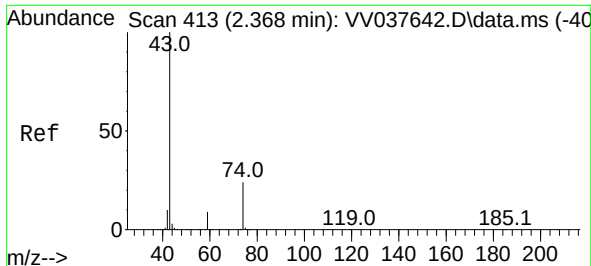
Tgt Ion: 76 Resp: 681010

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

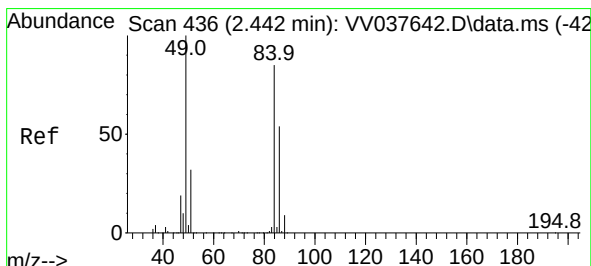
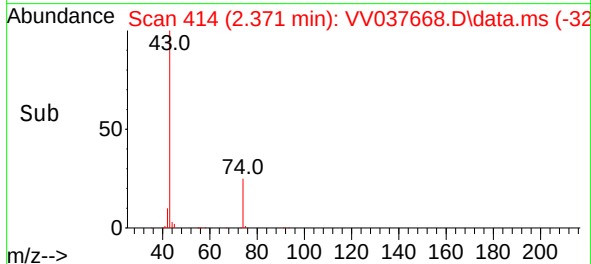
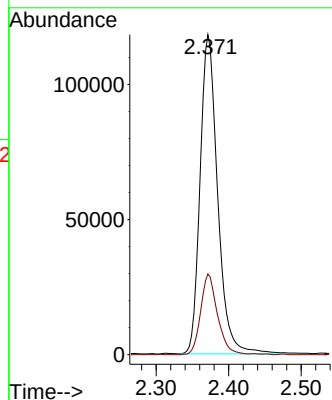
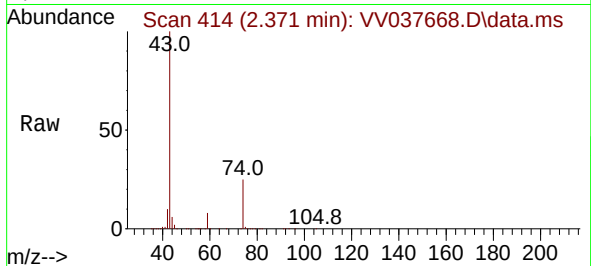




#15
Methyl Acetate
Concen: 51.311 ug/L
RT: 2.371 min Scan# 413
Delta R.T. 0.003 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

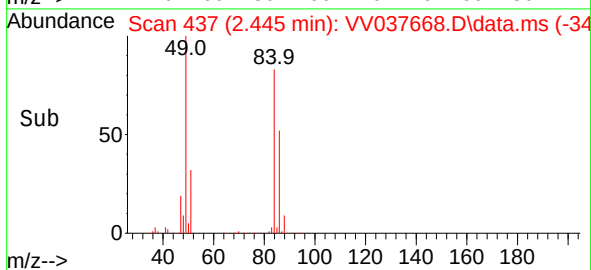
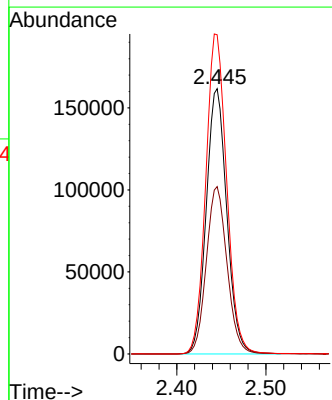
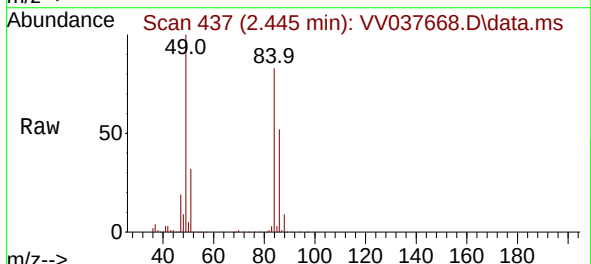
Instrument :
MSVOA_V
ClientSampleId :

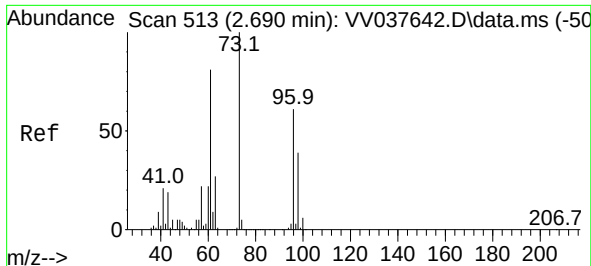
Tgt Ion: 43 Resp: 198472
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.0



#16
Methylene chloride
Concen: 47.580 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

Tgt Ion: 84 Resp: 259356
Ion Ratio Lower Upper
84 100
86 63.1 46.4 86.2
49 120.3 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 48.293 ug/L

RT: 2.690 min Scan# 513

Delta R.T. -0.000 min

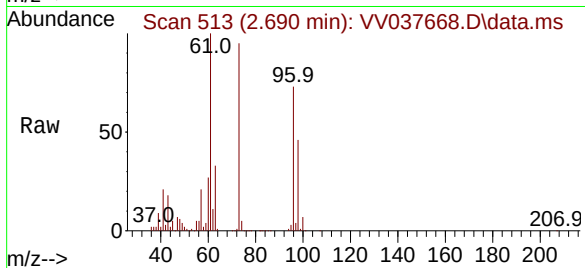
Lab File: VV037668.D

Acq: 30 Sep 2024 19:55

Instrument :

MSVOA_V

ClientSampleId :



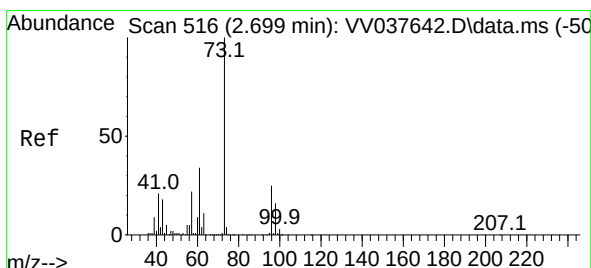
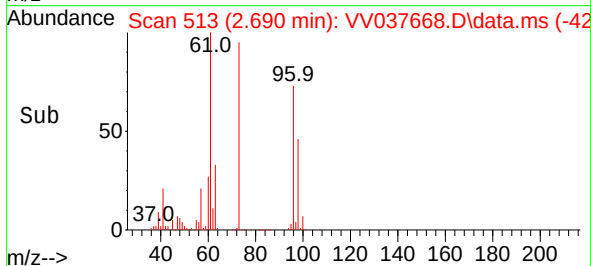
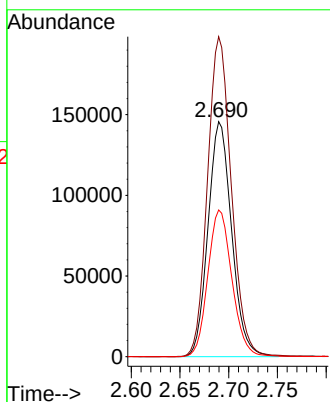
Tgt Ion: 96 Resp: 245955

Ion Ratio Lower Upper

96 100

61 136.1 97.3 180.7

98 62.4 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 50.131 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.006 min

Lab File: VV037668.D

Acq: 30 Sep 2024 19:55

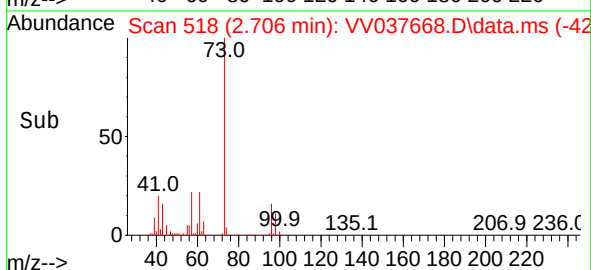
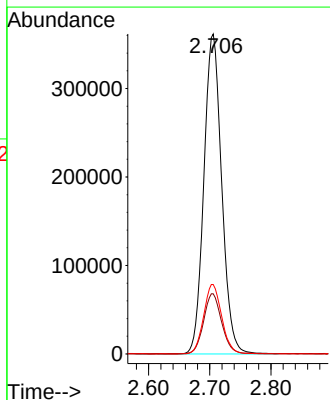
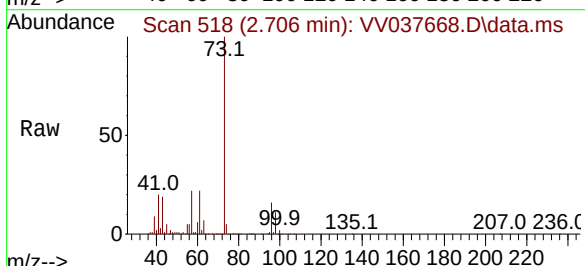
Tgt Ion: 73 Resp: 732505

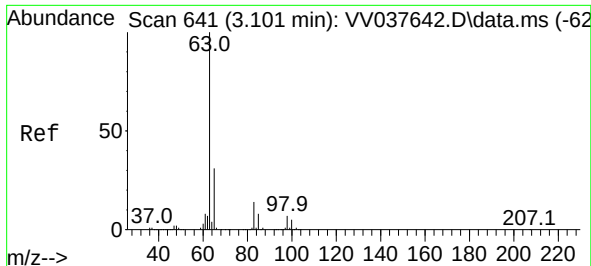
Ion Ratio Lower Upper

73 100

43 18.8 15.1 22.7

57 22.0 17.4 26.2

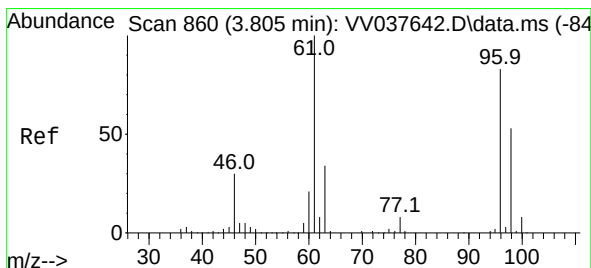
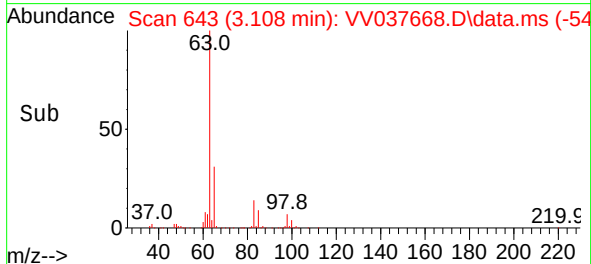
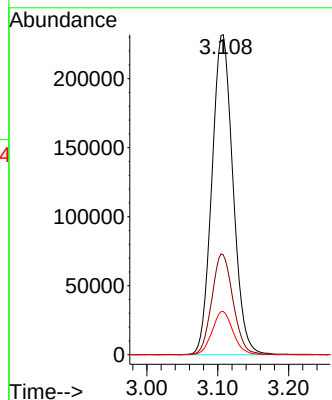
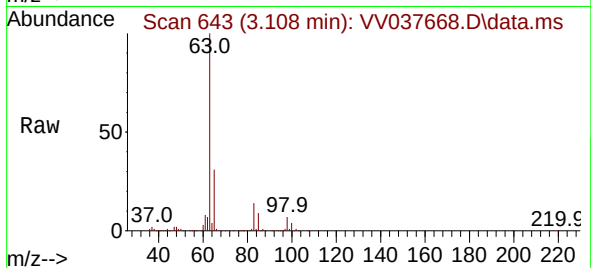




#19
1,1-Dichloroethane
Concen: 49.086 ug/L
RT: 3.108 min Scan# 641
Delta R.T. 0.006 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

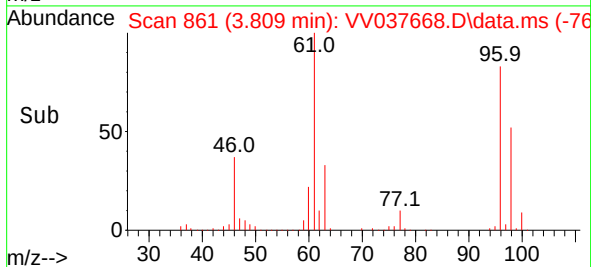
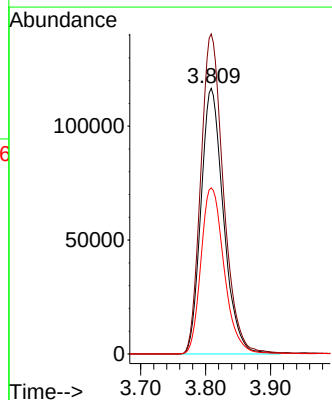
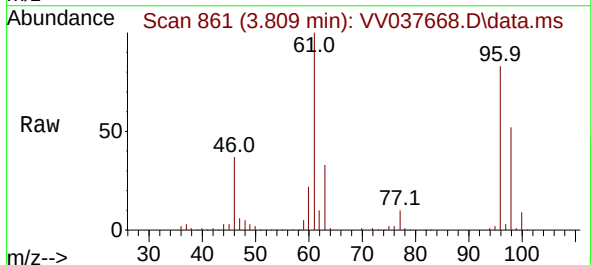
Instrument :
MSVOA_V
ClientSampleId :

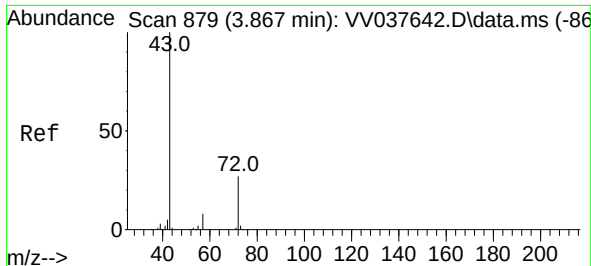
Tgt Ion: 63 Resp: 478979
Ion Ratio Lower Upper
63 100
65 31.2 22.4 41.6
83 13.5 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 49.477 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

Tgt Ion: 96 Resp: 281982
Ion Ratio Lower Upper
96 100
61 120.4 85.0 157.8
98 62.5 44.2 82.0

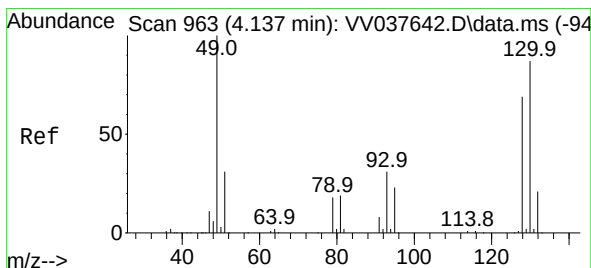
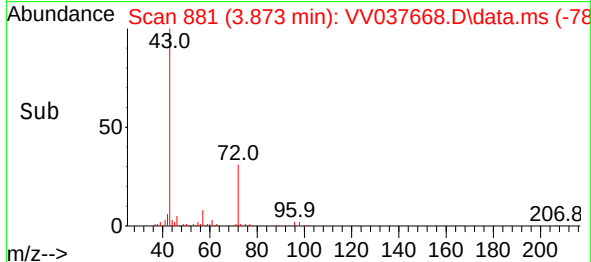
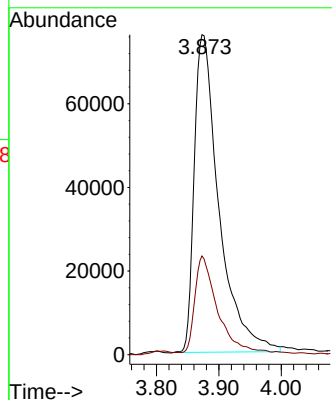
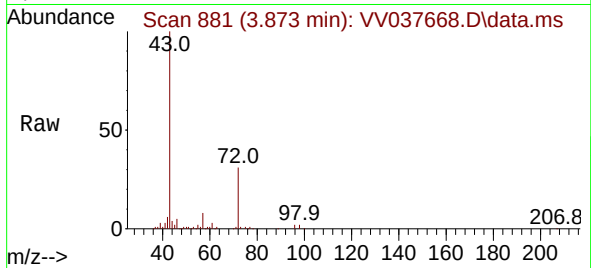




#22
2-Butanone
Concen: 85.250 ug/L
RT: 3.873 min Scan# 881
Delta R.T. 0.006 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

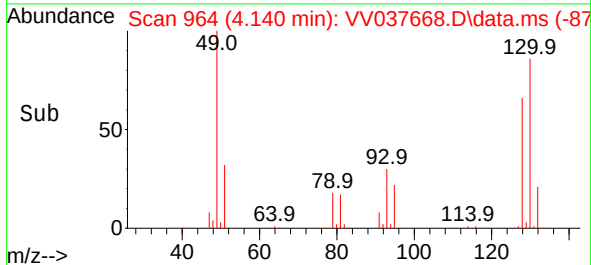
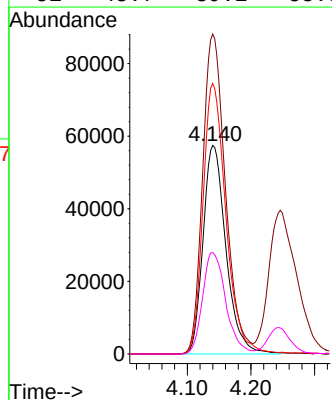
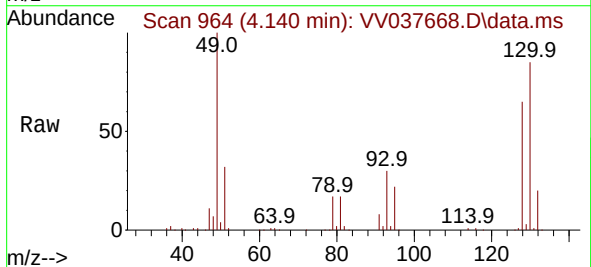
Instrument :
MSVOA_V
ClientSampleId :

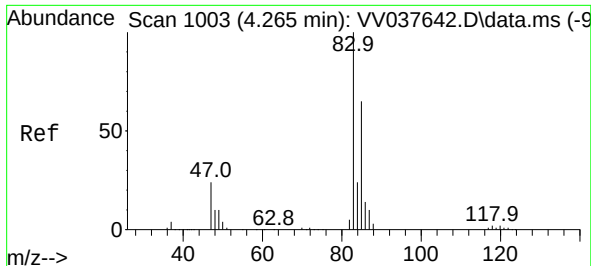
Tgt Ion: 43 Resp: 209141
Ion Ratio Lower Upper
43 100
72 27.0 14.3 42.9



#23
Bromochloromethane
Concen: 48.687 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.003 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

Tgt Ion:128 Resp: 143536
Ion Ratio Lower Upper
128 100
49 153.5 108.7 201.9
130 129.7 90.4 168.0
51 48.7 39.2 58.8





#25

Chloroform

Concen: 48.063 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV037668.D

Acq: 30 Sep 2024 19:55

Instrument :

MSVOA_V

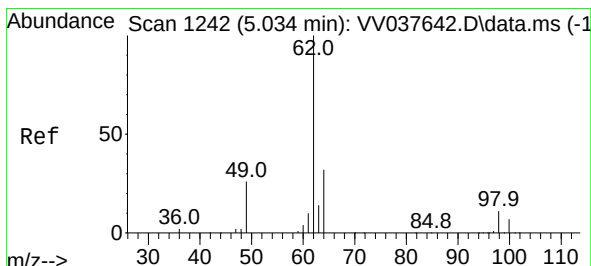
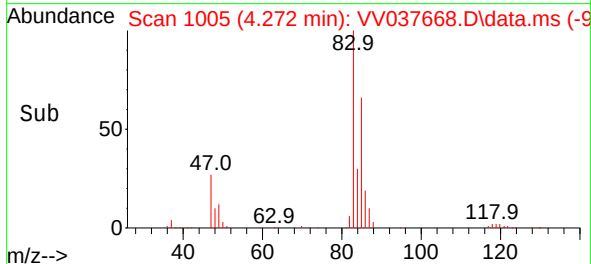
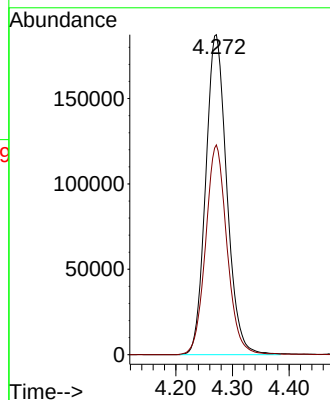
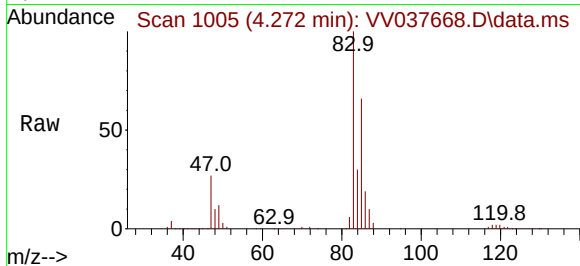
ClientSampleId :

Tgt Ion: 83 Resp: 485583

Ion Ratio Lower Upper

83 100

85 65.6 45.1 83.7



#27

1,2-Dichloroethane

Concen: 50.454 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV037668.D

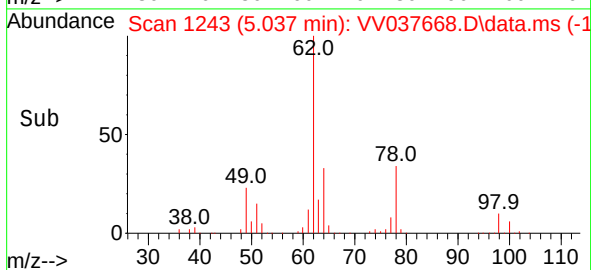
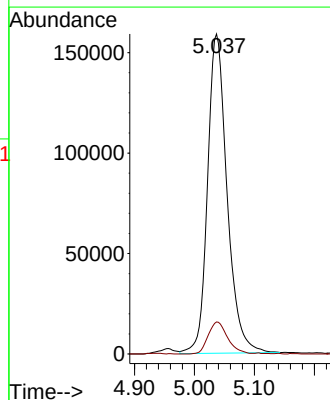
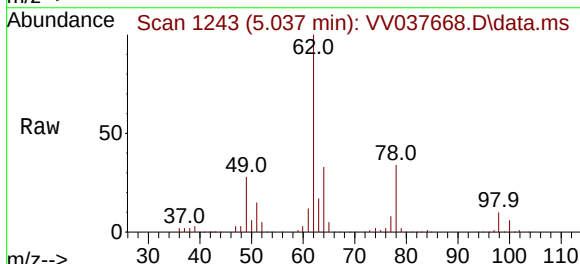
Acq: 30 Sep 2024 19:55

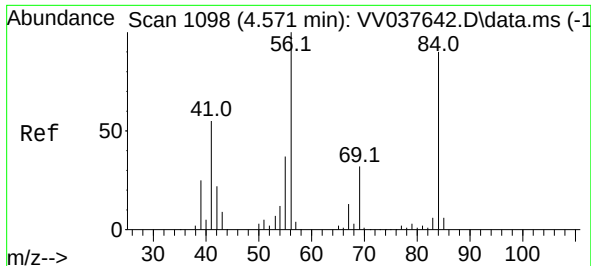
Tgt Ion: 62 Resp: 359854

Ion Ratio Lower Upper

62 100

98 10.0 8.4 12.6





#29

Cyclohexane

Concen: 49.596 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.003 min

Lab File: VV037668.D

Acq: 30 Sep 2024 19:55

Instrument :

MSVOA_V

ClientSampleId :

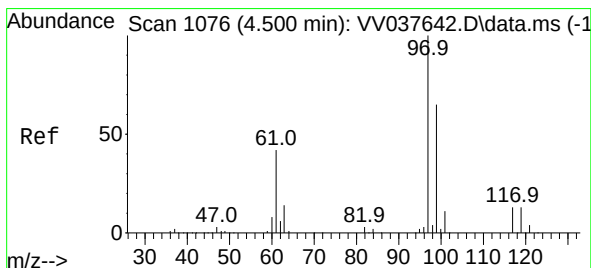
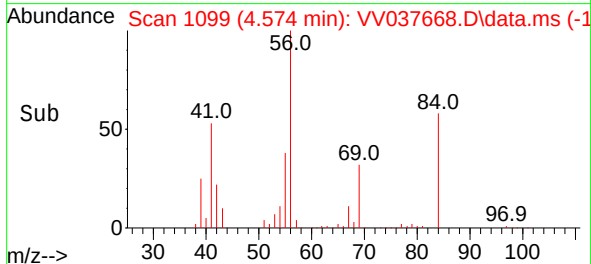
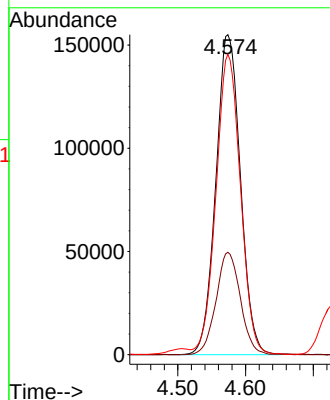
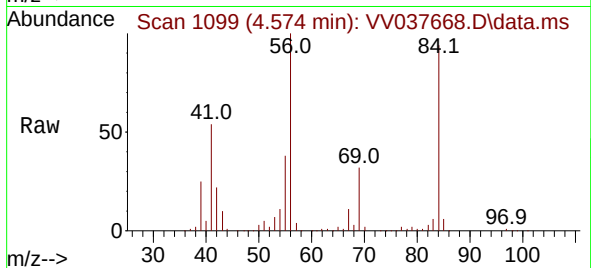
Tgt Ion: 56 Resp: 391247

Ion Ratio Lower Upper

56 100

69 31.6 24.7 37.1

84 92.8 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 49.740 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VV037668.D

Acq: 30 Sep 2024 19:55

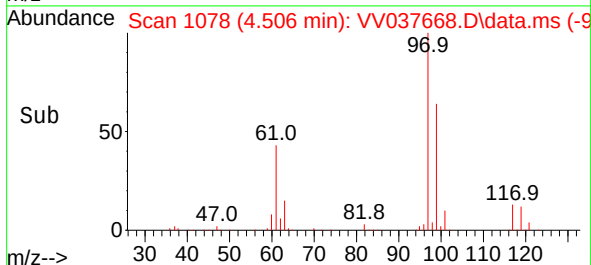
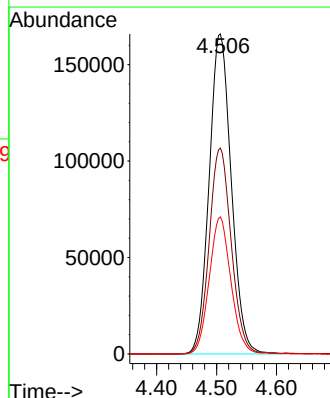
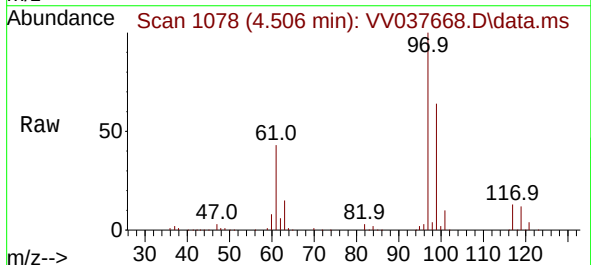
Tgt Ion: 97 Resp: 425645

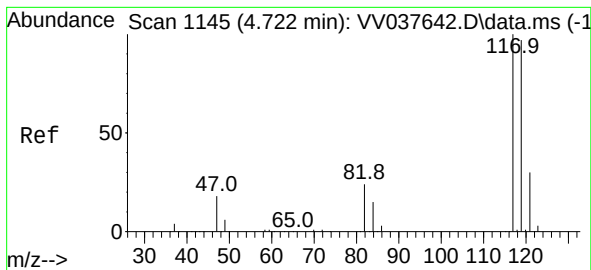
Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.6

61 41.9 33.6 50.4





#31

Carbon tetrachloride

Concen: 49.768 ug/L

RT: 4.728 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VV037668.D

Acq: 30 Sep 2024 19:55

Instrument :

MSVOA_V

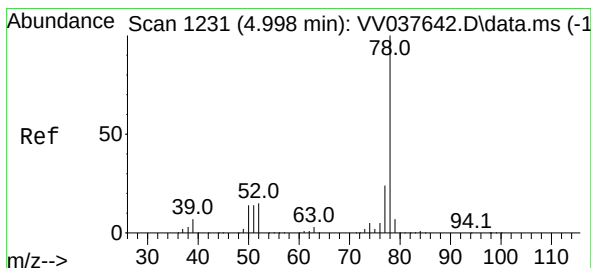
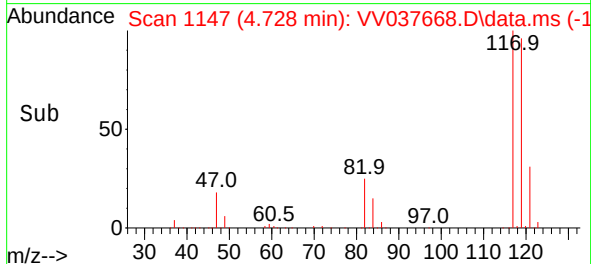
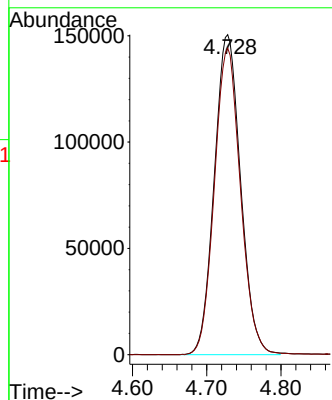
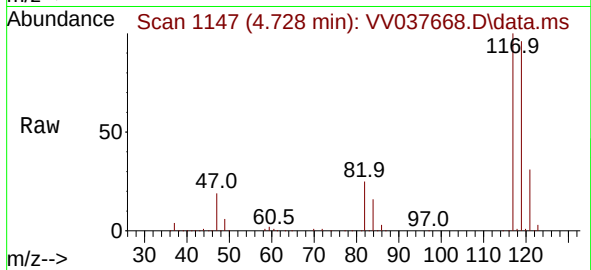
ClientSampleId :

Tgt Ion:117 Resp: 370264

Ion Ratio Lower Upper

117 100

119 95.2 76.9 115.3



#33

Benzene

Concen: 49.954 ug/L

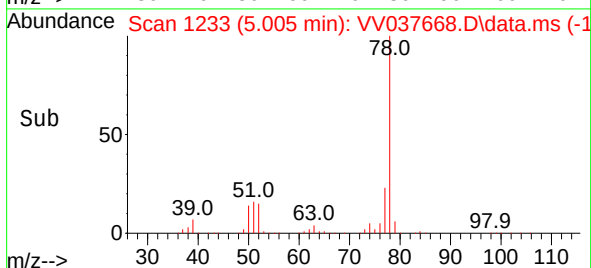
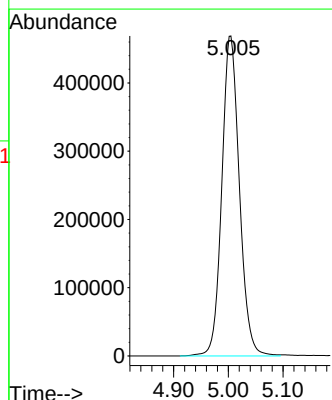
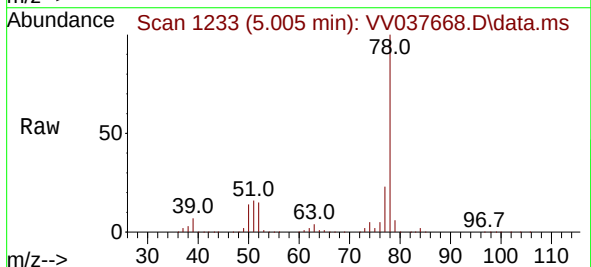
RT: 5.005 min Scan# 1233

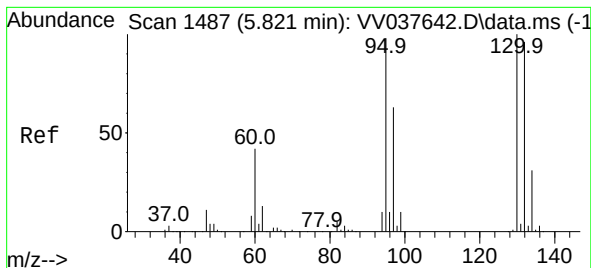
Delta R.T. 0.006 min

Lab File: VV037668.D

Acq: 30 Sep 2024 19:55

Tgt Ion: 78 Resp: 1046754





#34

Trichloroethene

Concen: 50.169 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VV037668.D

Acq: 30 Sep 2024 19:55

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 279965

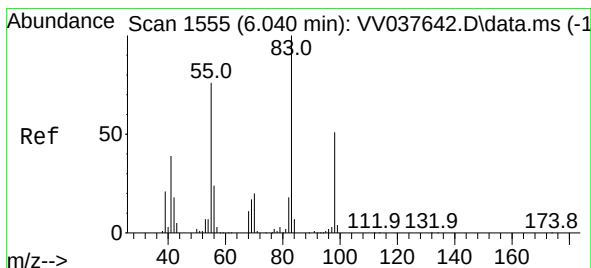
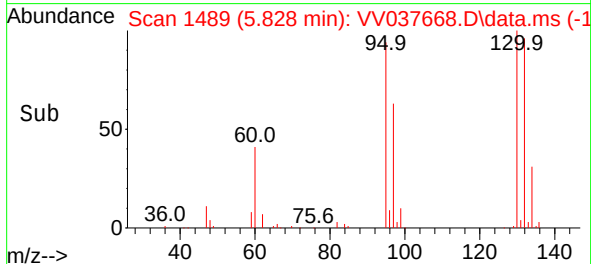
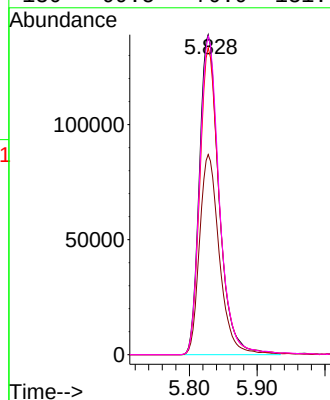
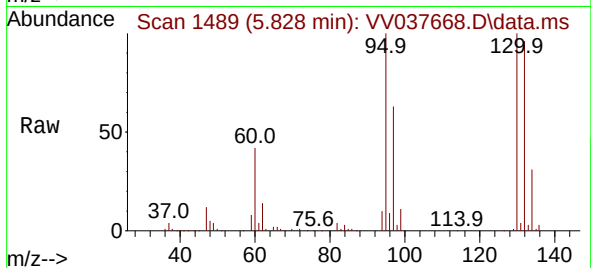
Ion Ratio Lower Upper

95 100

97 62.6 46.3 85.9

132 95.9 68.6 127.4

130 99.5 70.9 131.7



#35

Methylcyclohexane

Concen: 49.016 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.003 min

Lab File: VV037668.D

Acq: 30 Sep 2024 19:55

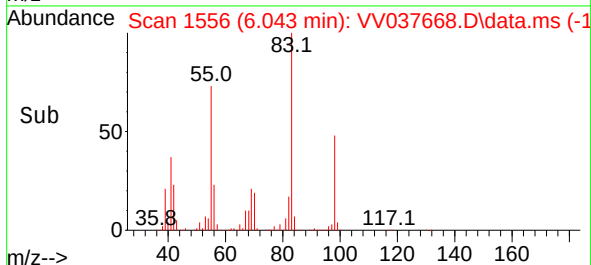
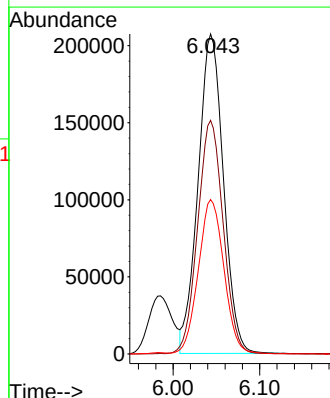
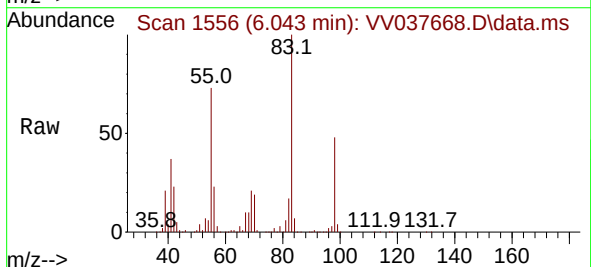
Tgt Ion: 83 Resp: 420788

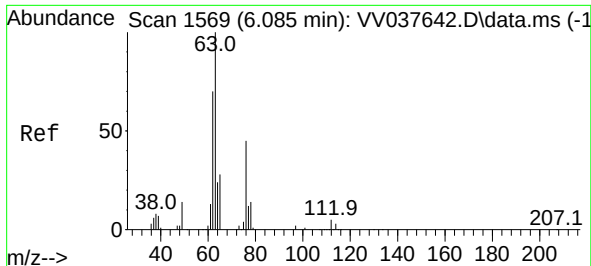
Ion Ratio Lower Upper

83 100

55 73.6 57.9 86.9

98 49.1 39.3 58.9

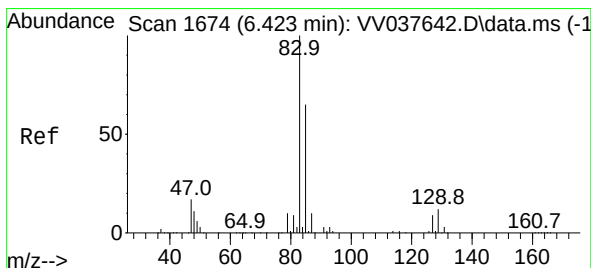
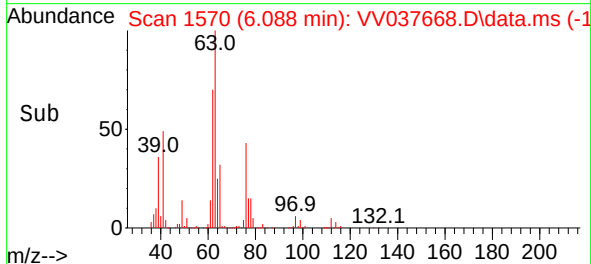
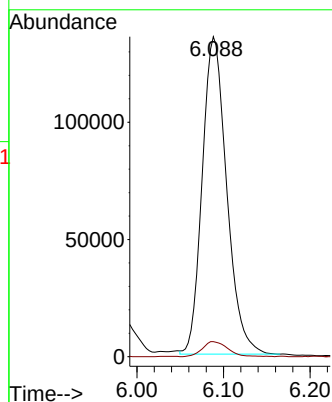
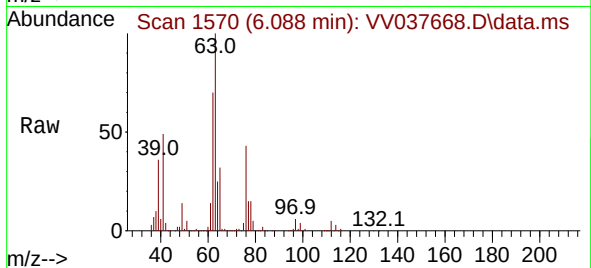




#37
1,2-Dichloropropane
Concen: 49.216 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

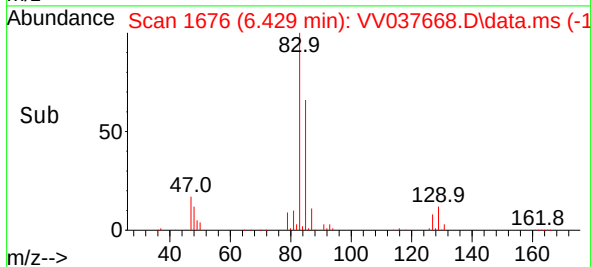
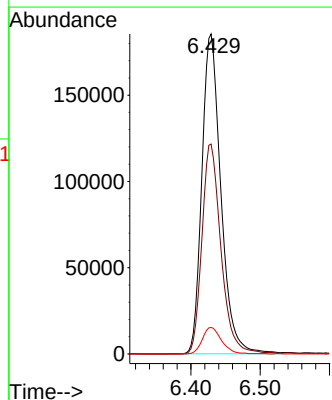
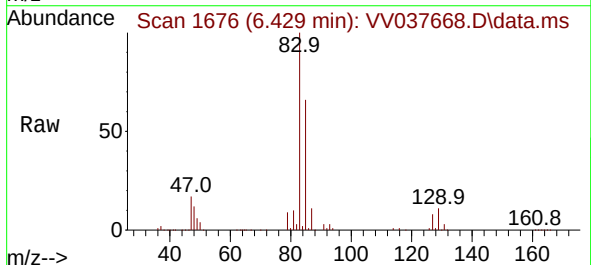
Instrument :
MSVOA_V
ClientSampleId :

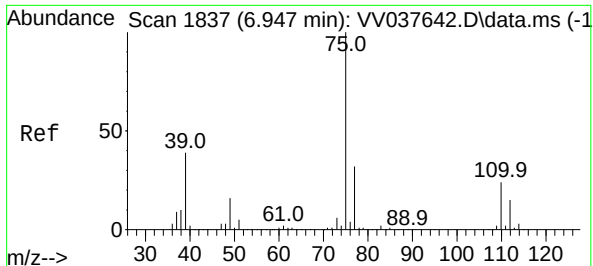
Tgt Ion: 63 Resp: 266307
Ion Ratio Lower Upper
63 100
112 4.9 3.5 5.3



#38
Bromodichloromethane
Concen: 48.963 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

Tgt Ion: 83 Resp: 354168
Ion Ratio Lower Upper
83 100
85 65.6 45.7 84.9
127 8.3 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 48.400 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV037668.D

Acq: 30 Sep 2024 19:55

Instrument :

MSVOA_V

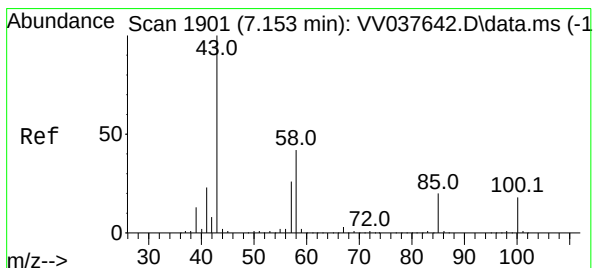
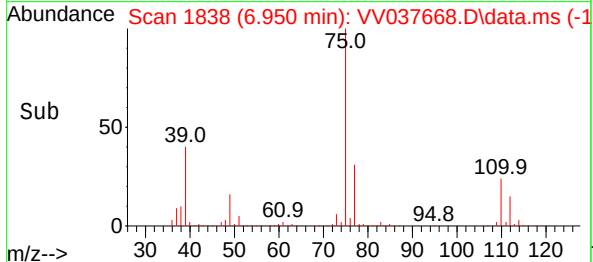
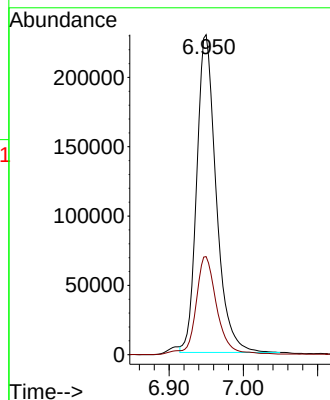
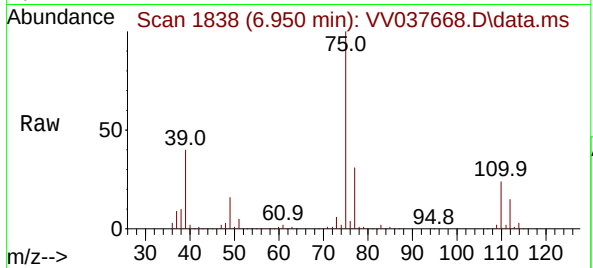
ClientSampleId :

Tgt Ion: 75 Resp: 418055

Ion Ratio Lower Upper

75 100

77 30.7 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 102.636 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV037668.D

Acq: 30 Sep 2024 19:55

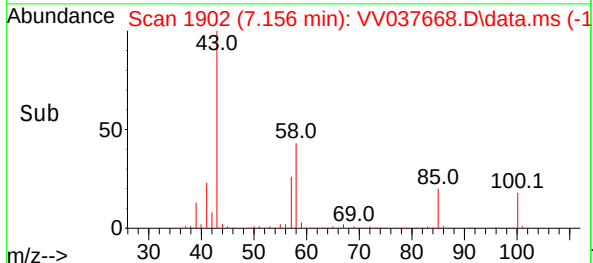
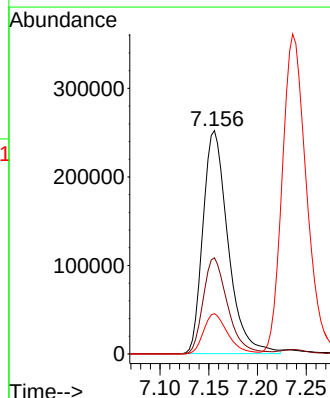
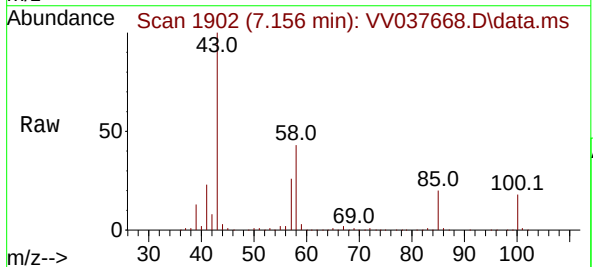
Tgt Ion: 43 Resp: 452182

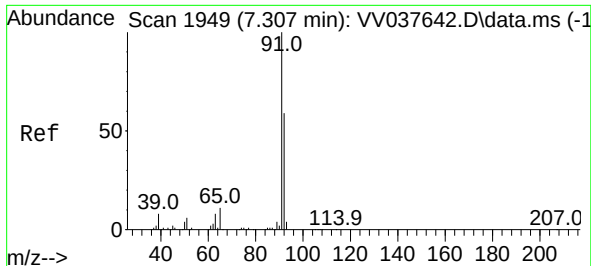
Ion Ratio Lower Upper

43 100

58 42.1 33.0 49.4

100 17.4 13.7 20.5

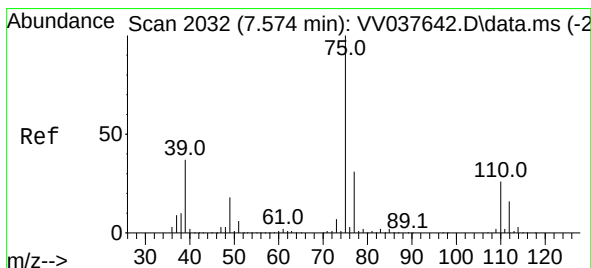
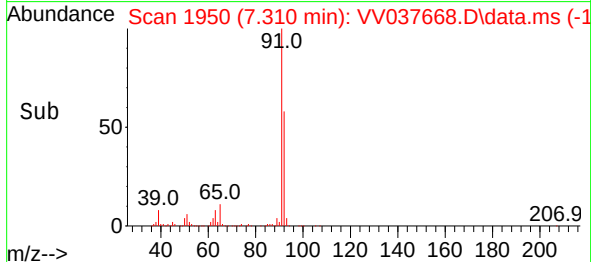
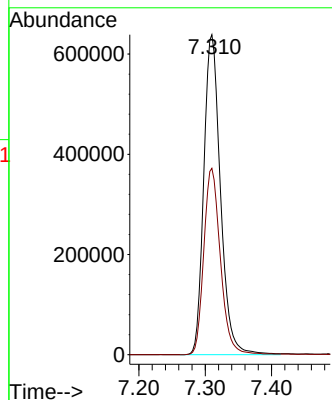
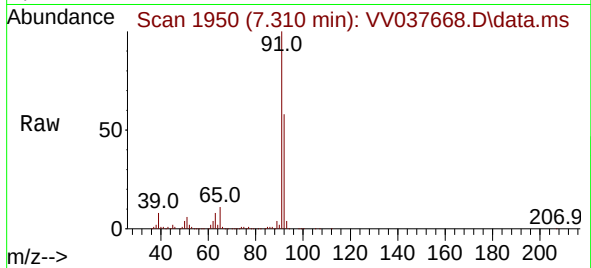




#42
Toluene
Concen: 51.373 ug/L
RT: 7.310 min Scan# 1949
Delta R.T. 0.003 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

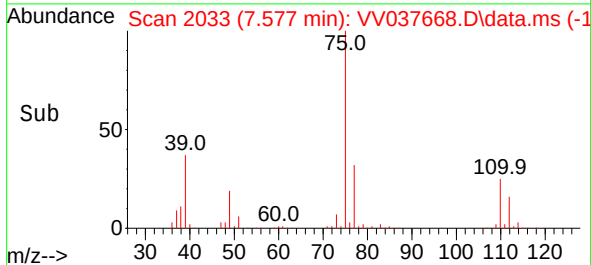
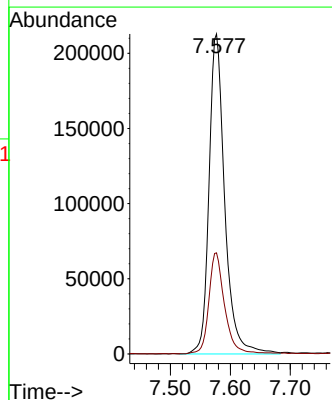
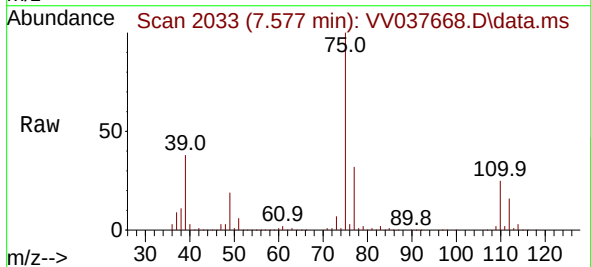
Instrument :
MSVOA_V
ClientSampleId :

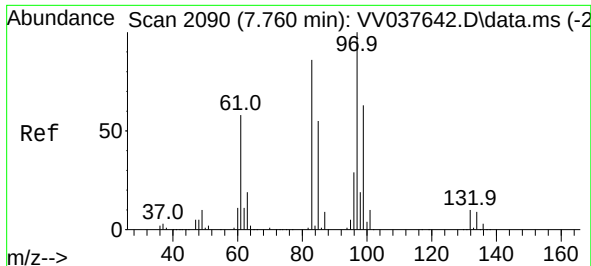
Tgt Ion: 91 Resp: 1115988
Ion Ratio Lower Upper
91 100
92 58.3 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 49.922 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. 0.003 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

Tgt Ion: 75 Resp: 388211
Ion Ratio Lower Upper
75 100
77 31.6 21.9 40.7

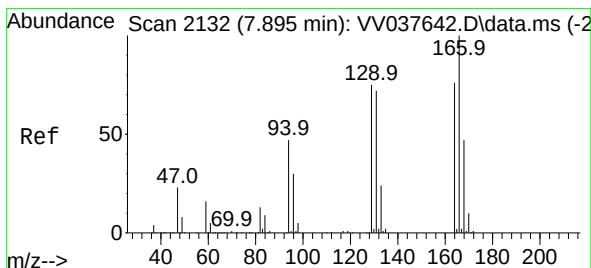
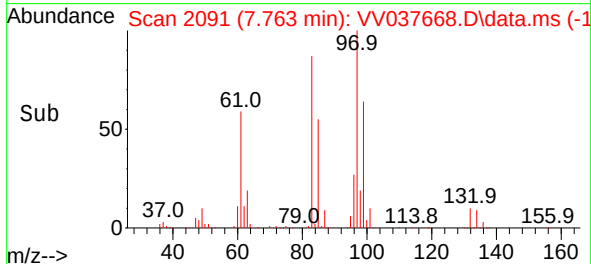
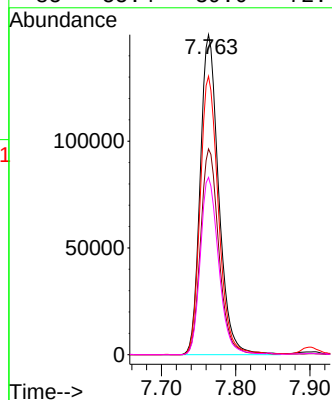
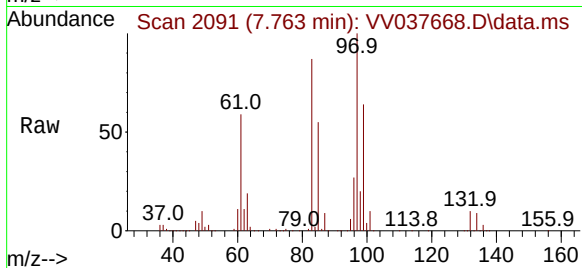




#45
1,1,2-Trichloroethane
Concen: 49.913 ug/L
RT: 7.763 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

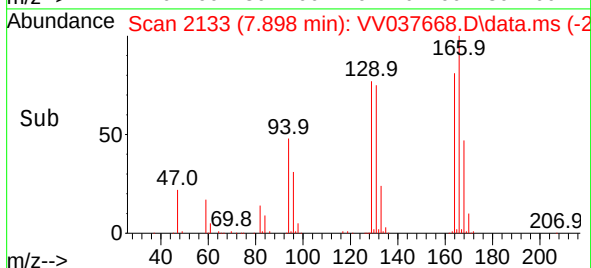
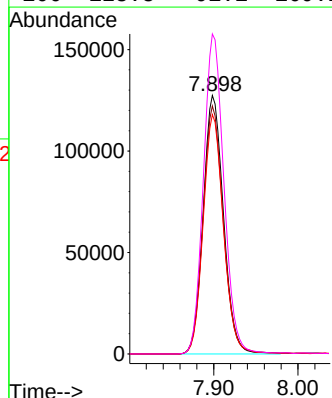
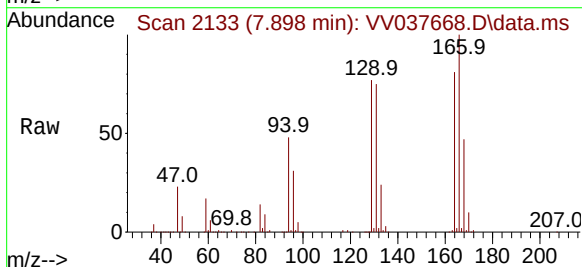
Instrument :
MSVOA_V
ClientSampleId :

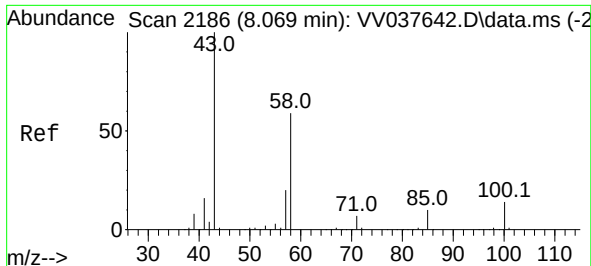
Tgt Ion: 97	Resp: 259333
Ion Ratio	Lower Upper
97 100	
99 64.3	44.1 81.9
83 87.0	59.3 110.1
85 55.4	39.0 72.4



#46
Tetrachloroethene
Concen: 50.170 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

Tgt	Ion:164	Resp:	214057
Ion	Ratio	Lower	Upper
164	100		
129	95.9	68.2	126.6
131	92.6	66.1	122.8
166	123.8	91.1	169.1

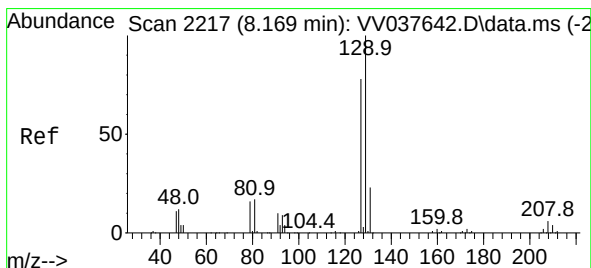
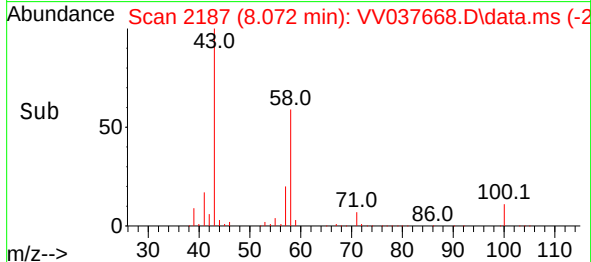
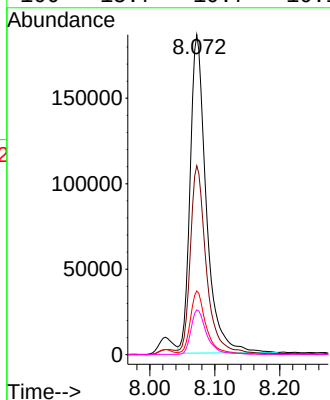
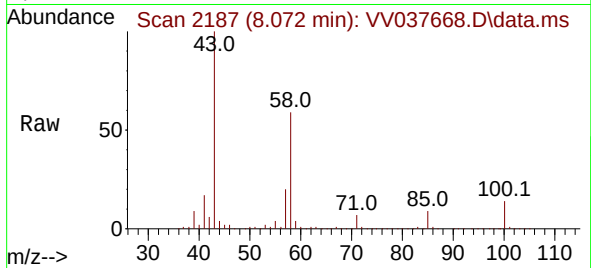




#48
2-Hexanone
Concen: 93.962 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

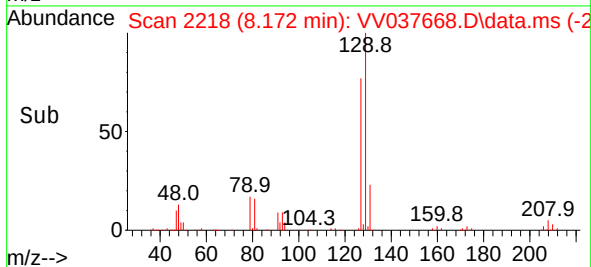
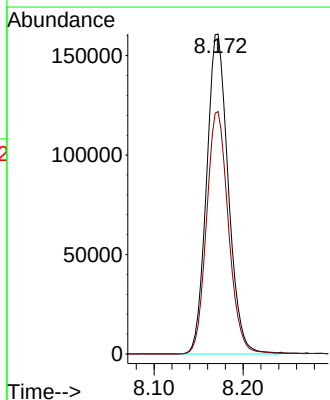
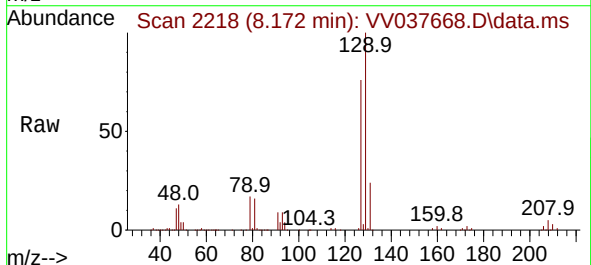
Instrument :
MSVOA_V
ClientSampleId :

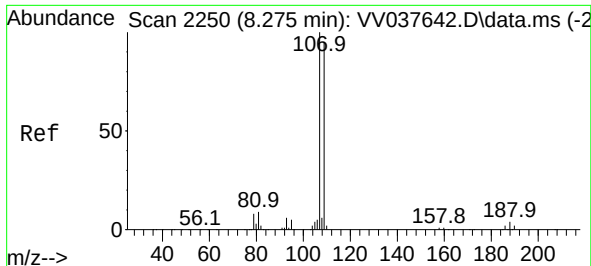
Tgt Ion: 43 Resp: 321894
Ion Ratio Lower Upper
43 100
58 58.3 46.5 69.7
57 19.6 15.1 22.7
100 13.7 10.7 16.1



#49
Dibromochloromethane
Concen: 49.448 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

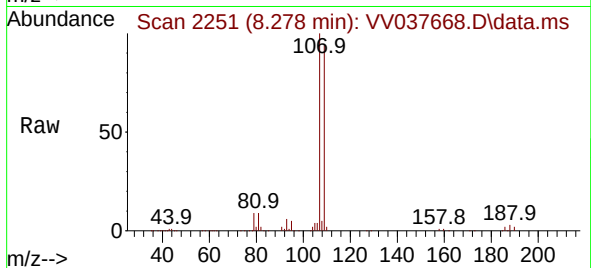
Tgt Ion: 129 Resp: 271911
Ion Ratio Lower Upper
129 100
127 75.8 54.9 101.9



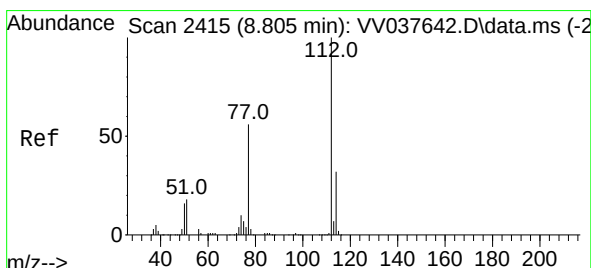
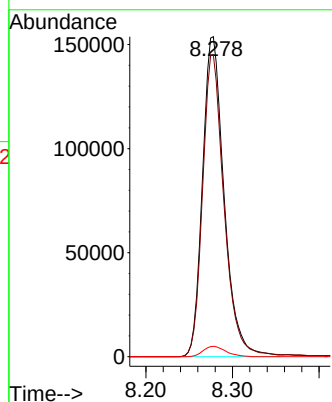
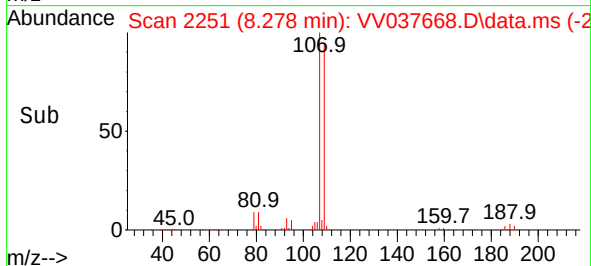


#50
1,2-Dibromoethane
Concen: 49.560 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

Instrument :
MSVOA_V
ClientSampleId :

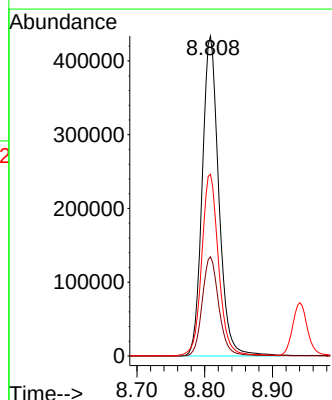
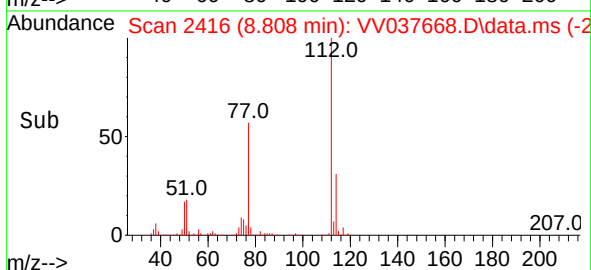
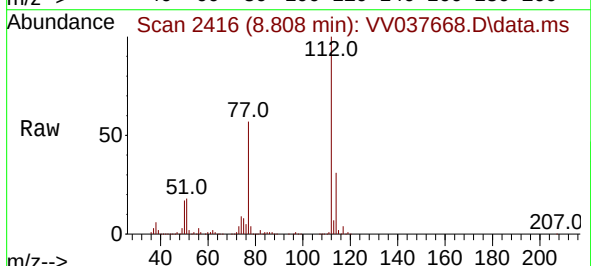


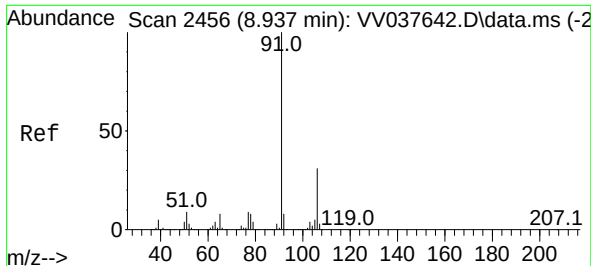
Tgt Ion:107 Resp: 266175
Ion Ratio Lower Upper
107 100
109 94.4 65.7 121.9
188 3.3 2.8 4.2



#51
Chlorobenzene
Concen: 49.782 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

Tgt Ion:112 Resp: 736779
Ion Ratio Lower Upper
112 100
114 31.0 22.5 41.7
77 56.8 45.8 68.8





#52

Ethylbenzene

Concen: 50.522 ug/L

RT: 8.940 min Scan# 2456

Delta R.T. 0.003 min

Lab File: VV037668.D

Acq: 30 Sep 2024 19:55

Instrument :

MSVOA_V

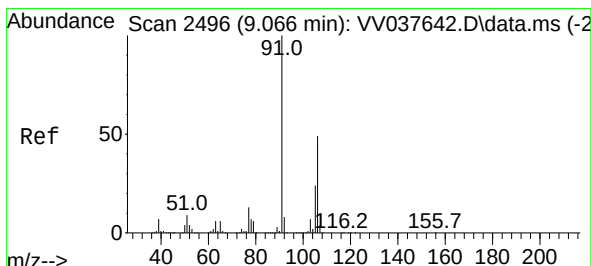
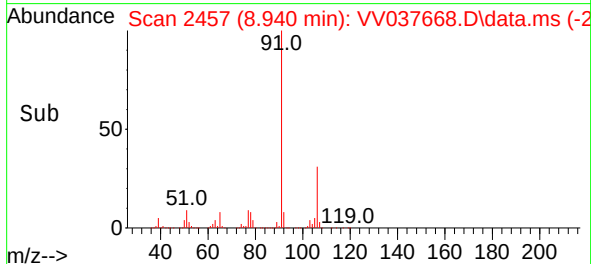
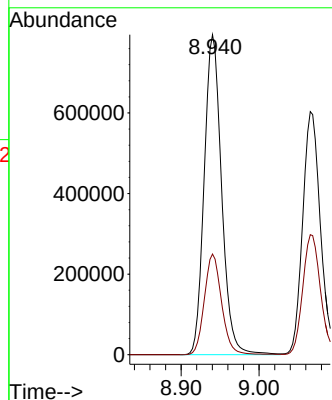
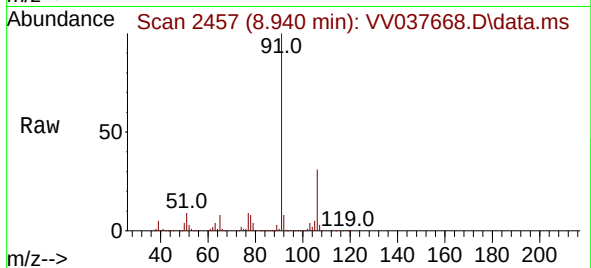
ClientSampleId :

Tgt Ion: 91 Resp: 1235396

Ion Ratio Lower Upper

91 100

106 31.5 21.9 40.7



#53

m,p-Xylene

Concen: 52.440 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. -0.000 min

Lab File: VV037668.D

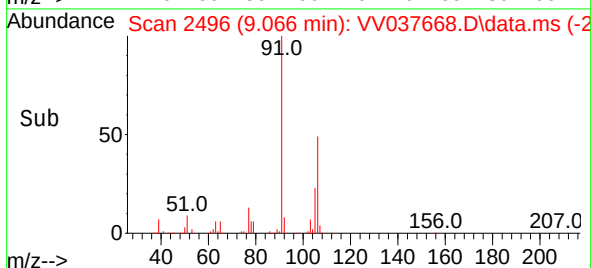
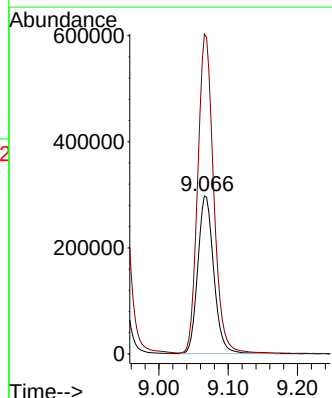
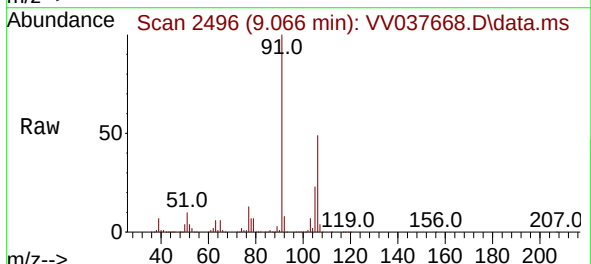
Acq: 30 Sep 2024 19:55

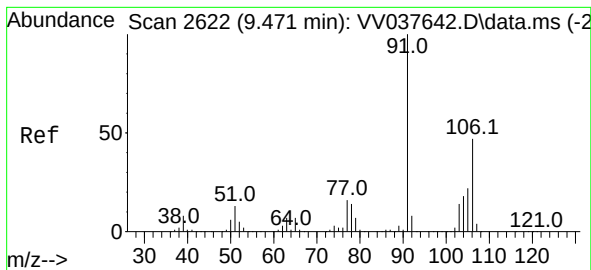
Tgt Ion:106 Resp: 477229

Ion Ratio Lower Upper

106 100

91 202.5 142.0 263.6





#54

o-Xylene

Concen: 51.755 ug/L

RT: 9.471 min Scan# 2622

Delta R.T. -0.000 min

Lab File: VV037668.D

Acq: 30 Sep 2024 19:55

Instrument :

MSVOA_V

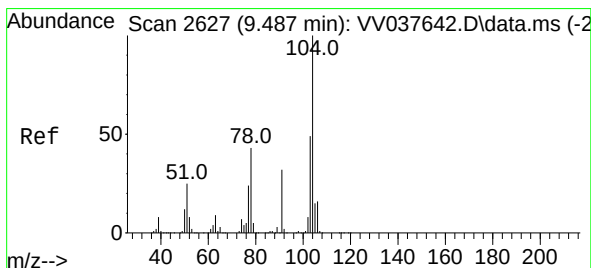
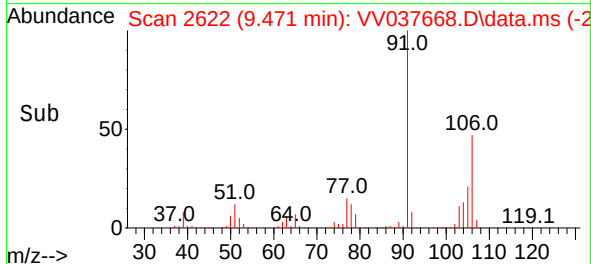
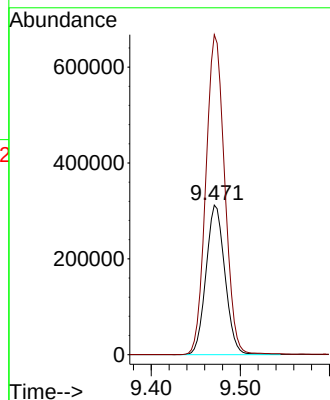
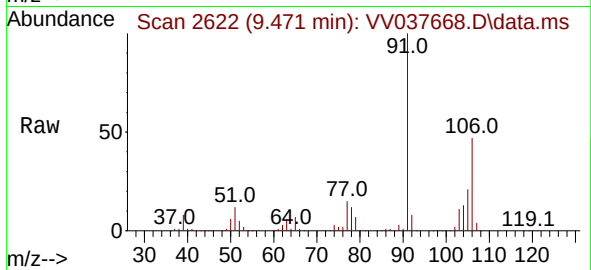
ClientSampleId :

Tgt Ion:106 Resp: 459830

Ion Ratio Lower Upper

106 100

91 213.9 153.9 285.9



#55

Styrene

Concen: 52.423 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. 0.003 min

Lab File: VV037668.D

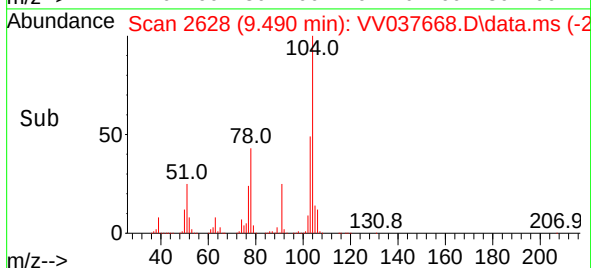
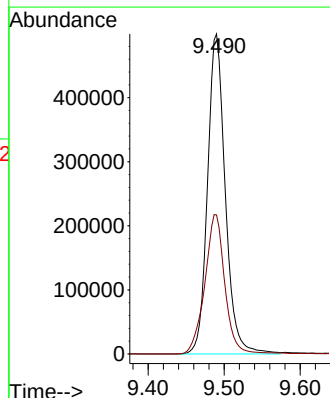
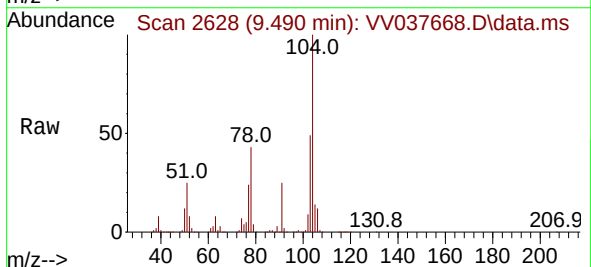
Acq: 30 Sep 2024 19:55

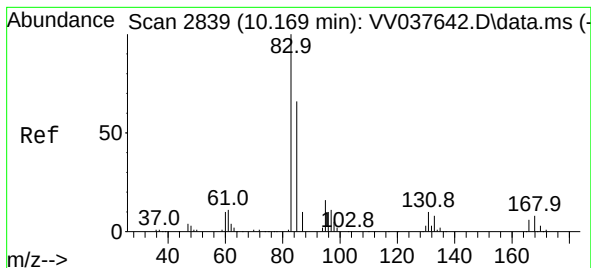
Tgt Ion:104 Resp: 810832

Ion Ratio Lower Upper

104 100

78 43.5 30.0 55.6

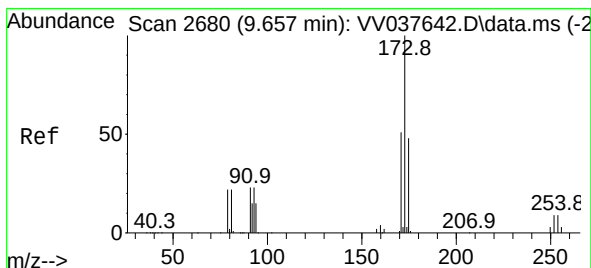
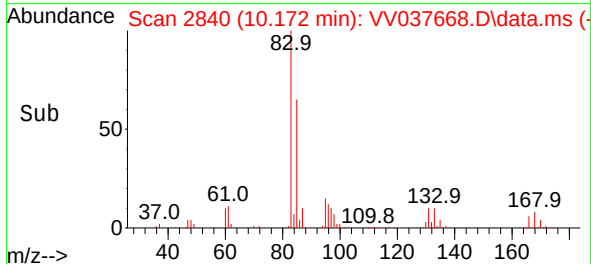
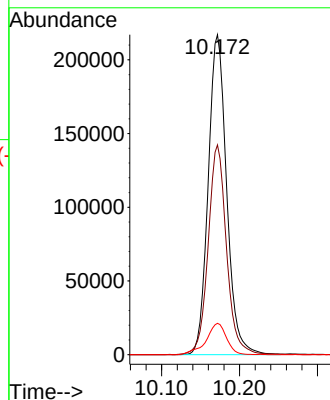
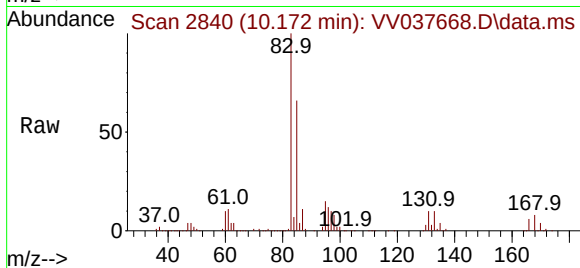




#57
1,1,2,2-Tetrachloroethane
Concen: 49.260 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

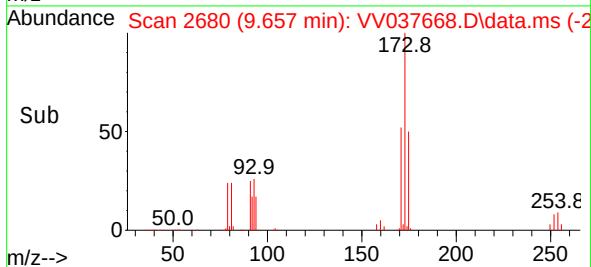
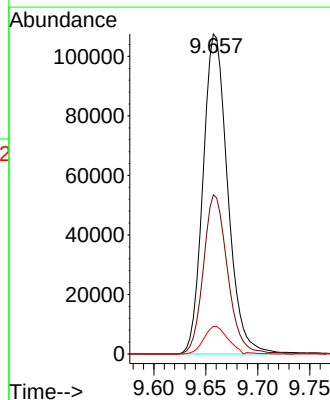
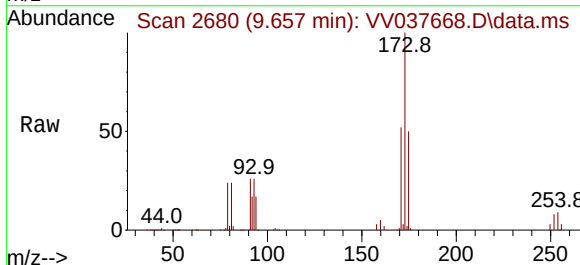
Instrument :
MSVOA_V
ClientSampleId :

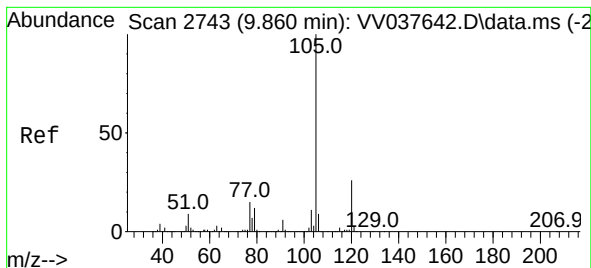
Tgt Ion: 83 Resp: 356833
Ion Ratio Lower Upper
83 100
85 65.5 45.9 85.3
131 9.8 7.9 11.9



#59
Bromoform
Concen: 48.356 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.000 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

Tgt Ion: 173 Resp: 177442
Ion Ratio Lower Upper
173 100
175 48.7 40.0 60.0
254 8.3 6.5 9.7





#60

Isopropylbenzene

Concen: 50.958 ug/L

RT: 9.860 min Scan# 21

Delta R.T. -0.000 min

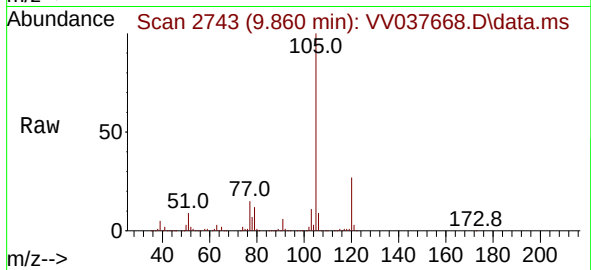
Lab File: VV037668.D

Acq: 30 Sep 2024 19:55

Instrument :

MSVOA_V

ClientSampleId :



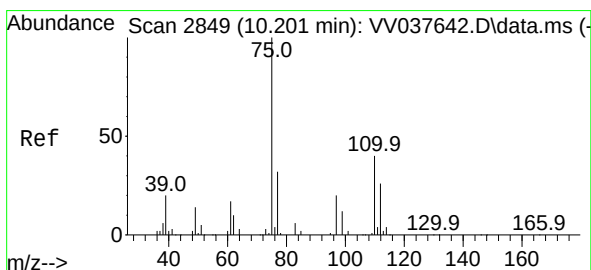
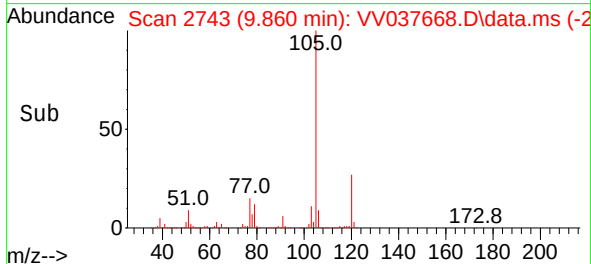
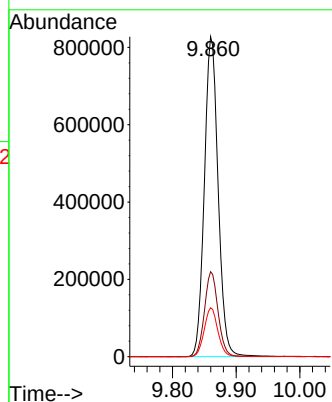
Tgt Ion:105 Resp: 1243851

Ion Ratio Lower Upper

105 100

120 26.2 20.7 31.1

77 15.1 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 48.933 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.003 min

Lab File: VV037668.D

Acq: 30 Sep 2024 19:55

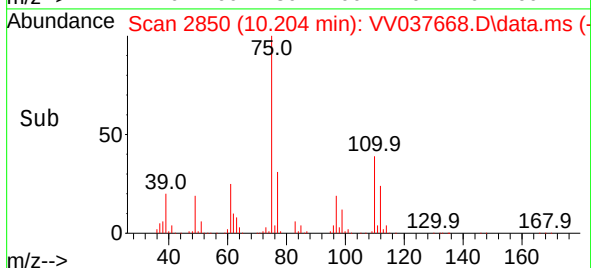
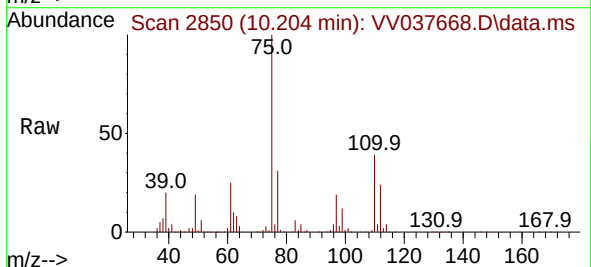
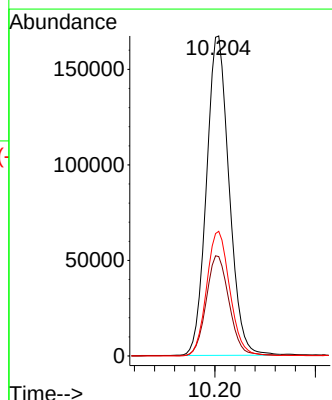
Tgt Ion: 75 Resp: 261417

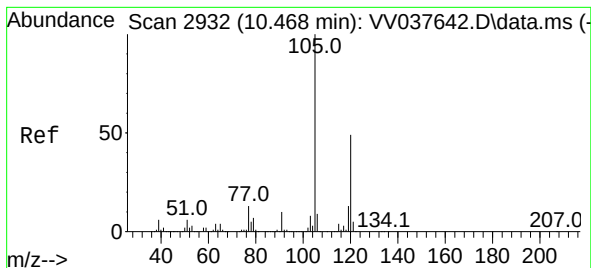
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0

110 40.1 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 52.175 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV037668.D

Acq: 30 Sep 2024 19:55

Instrument :

MSVOA_V

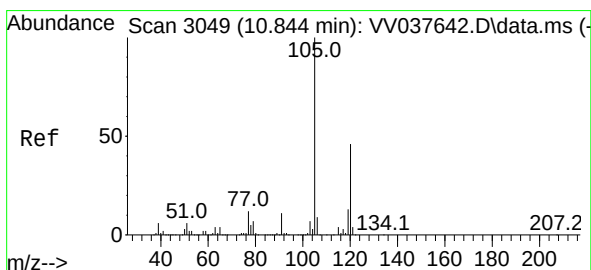
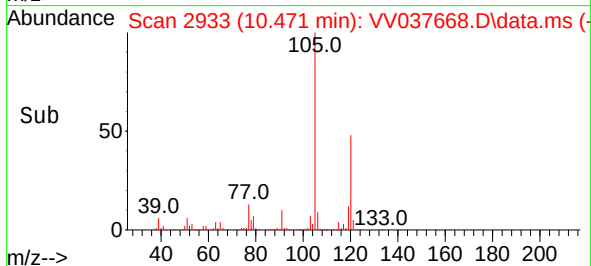
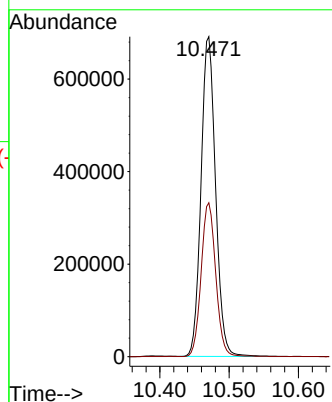
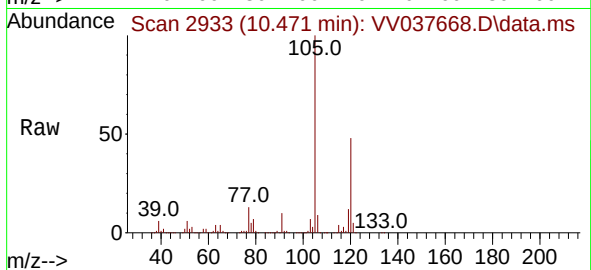
ClientSampleId :

Tgt Ion:105 Resp: 1006880

Ion Ratio Lower Upper

105 100

120 48.3 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 51.821 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV037668.D

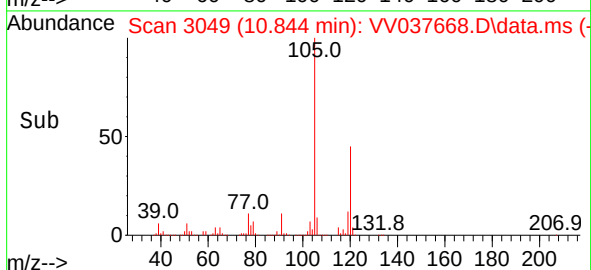
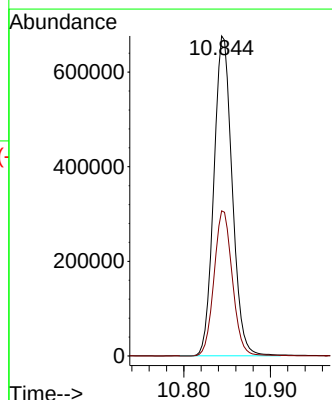
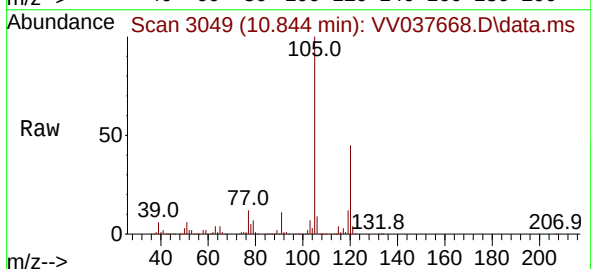
Acq: 30 Sep 2024 19:55

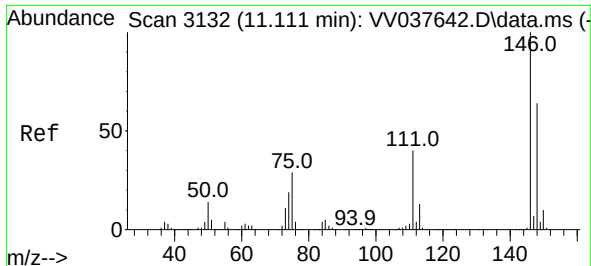
Tgt Ion:105 Resp: 995018

Ion Ratio Lower Upper

105 100

120 45.5 36.2 54.2

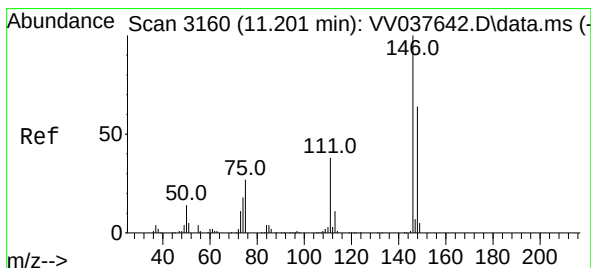
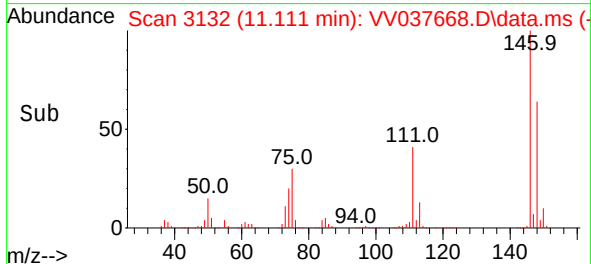
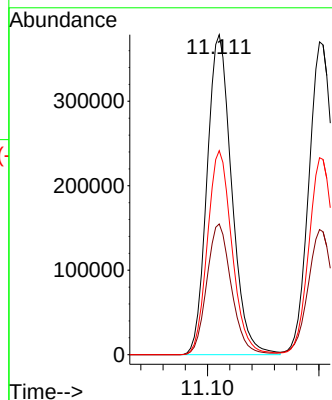
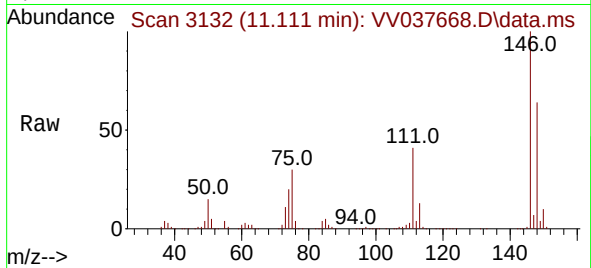




#64
1,3-Dichlorobenzene
Concen: 49.690 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. -0.000 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

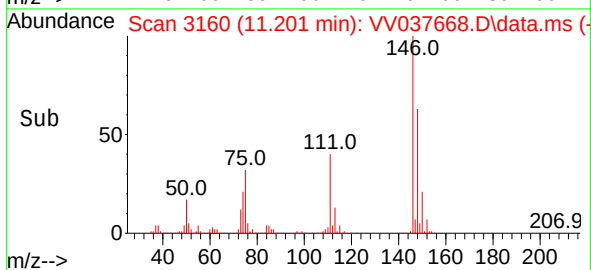
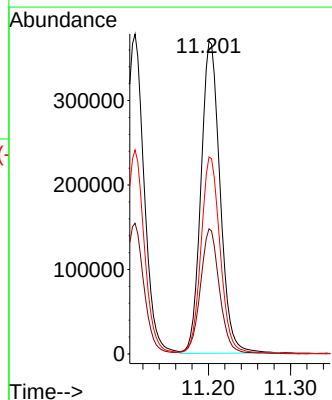
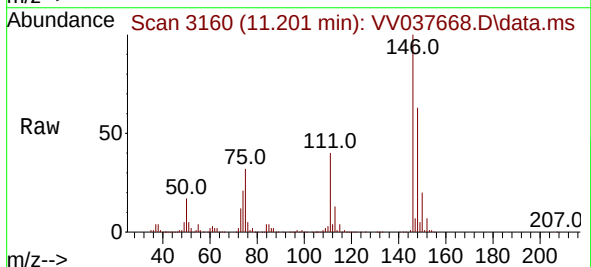
Instrument :
MSVOA_V
ClientSampleId :

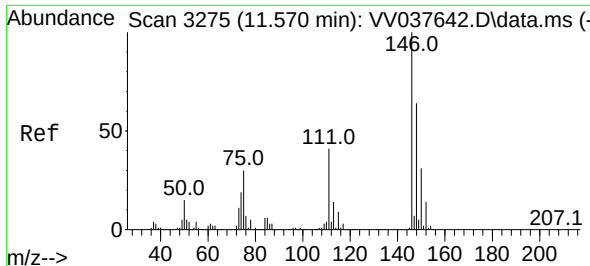
Tgt Ion:146 Resp: 583803
Ion Ratio Lower Upper
146 100
111 40.8 28.3 52.5
148 63.7 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 48.756 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. -0.000 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

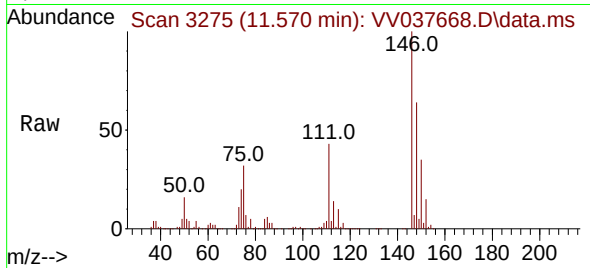
Tgt Ion:146 Resp: 596477
Ion Ratio Lower Upper
146 100
111 40.0 27.6 51.4
148 63.0 44.4 82.4



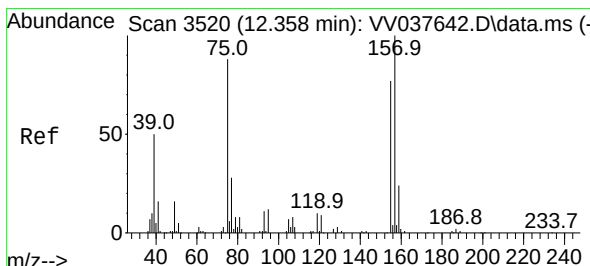
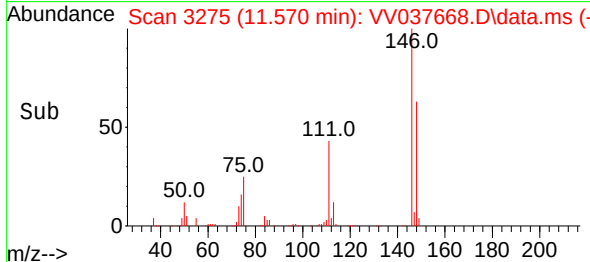
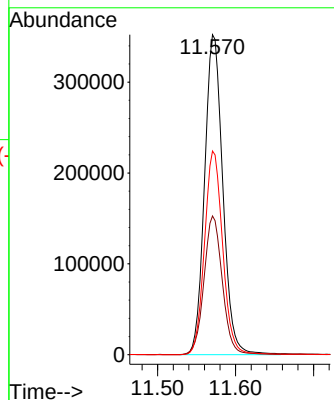


#67
1,2-Dichlorobenzene
Concen: 49.259 ug/L
RT: 11.570 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

Instrument :
MSVOA_V
ClientSampleId :

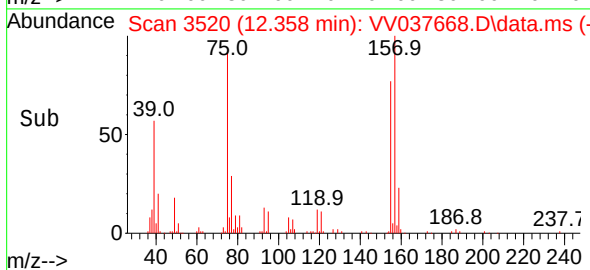
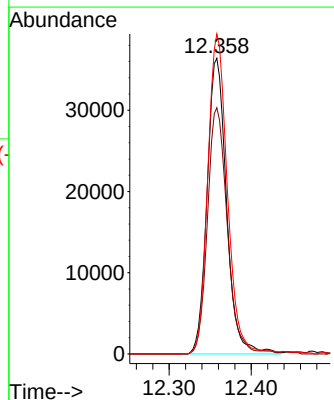
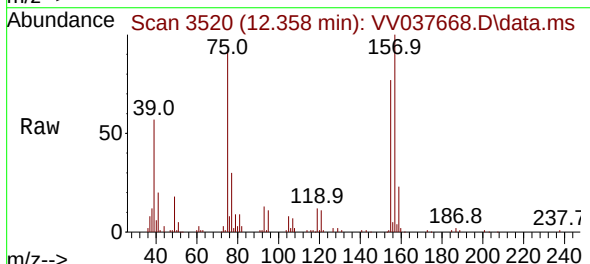


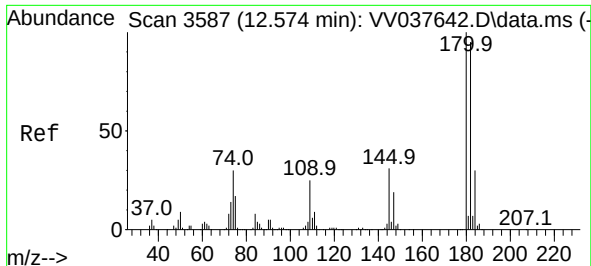
Tgt Ion:146 Resp: 572122
Ion Ratio Lower Upper
146 100
111 43.4 34.2 51.2
148 63.6 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 46.225 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. -0.000 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

Tgt Ion: 75 Resp: 59947
Ion Ratio Lower Upper
75 100
155 83.3 66.2 99.4
157 108.2 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 48.539 ug/L

RT: 12.573 min Scan# 3587

Delta R.T. -0.000 min

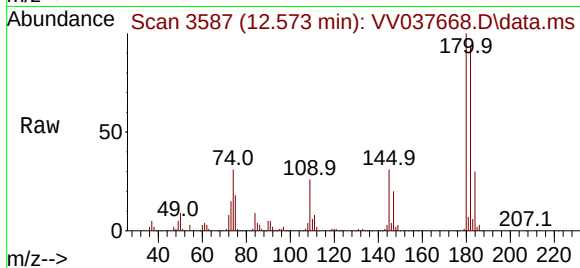
Lab File: VV037668.D

Acq: 30 Sep 2024 19:55

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 392171

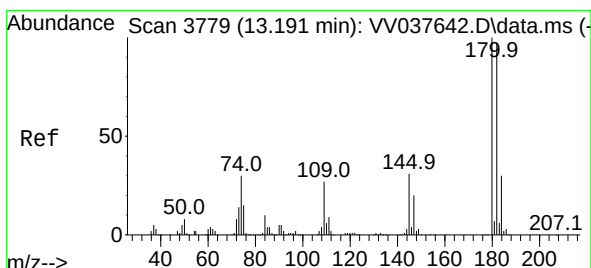
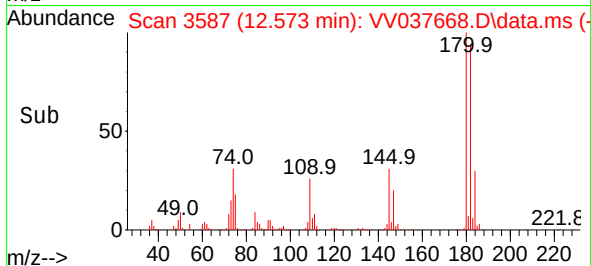
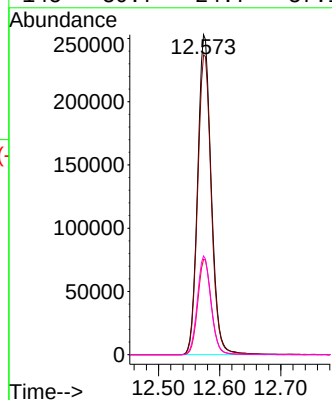
Ion Ratio Lower Upper

180 100

182 93.6 75.6 113.4

184 29.7 23.8 35.6

145 30.7 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 48.051 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037668.D

Acq: 30 Sep 2024 19:55

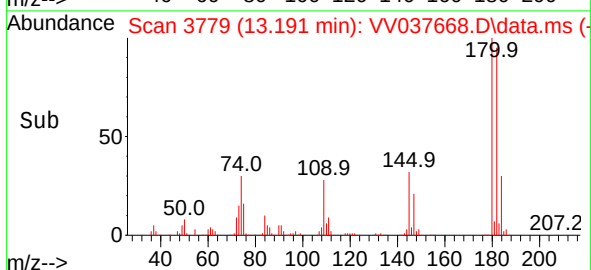
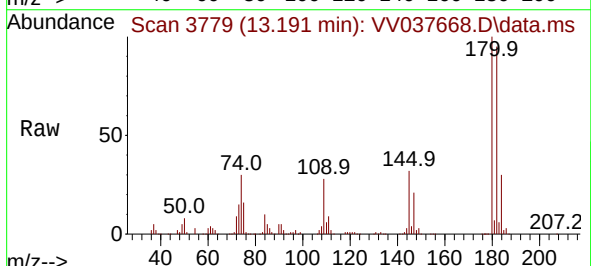
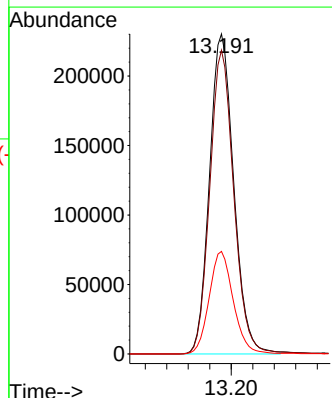
Tgt Ion:180 Resp: 360195

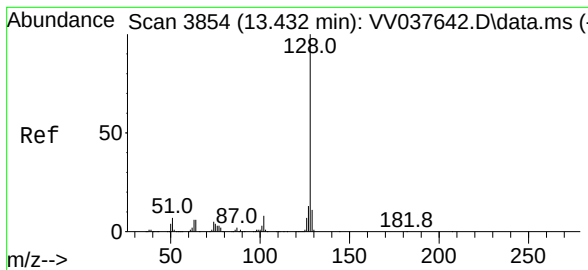
Ion Ratio Lower Upper

180 100

182 94.2 75.9 113.9

145 31.9 25.4 38.2

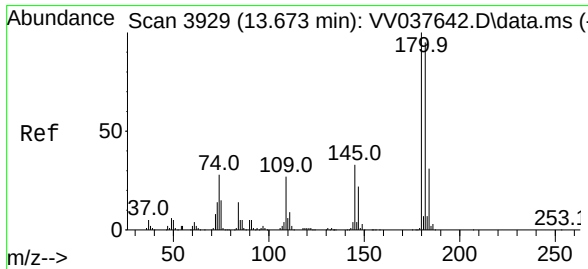
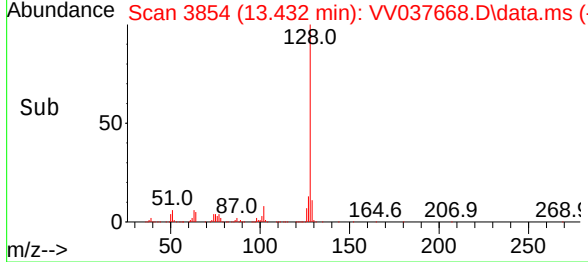
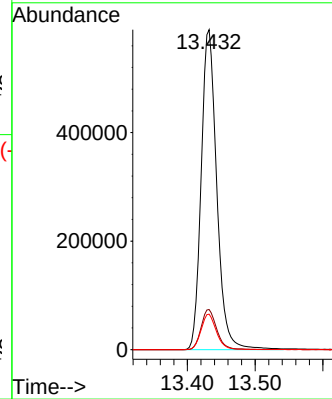
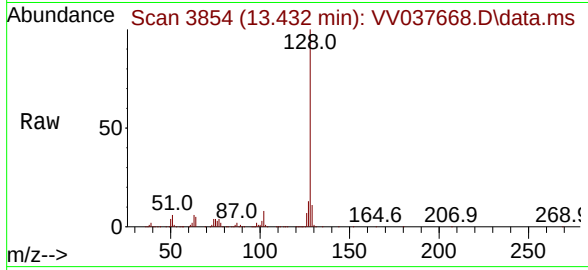




#71
Naphthalene
Concen: 48.025 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. -0.000 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	128	Resp:	940563
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.4
129	11.0	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 47.454 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. -0.000 min
Lab File: VV037668.D
Acq: 30 Sep 2024 19:55

Tgt Ion:	180	Resp:	351286
Ion Ratio	Lower	Upper	
180	100		
182	95.1	75.8	113.8
145	33.7	26.2	39.4

