

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
 Data File : VV037651.D
 Acq On : 30 Sep 2024 13:49
 Operator : SY/MD
 Sample : P4218-03MSD 10X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1H08MSD

Quant Time: Oct 01 02:07:30 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	688481	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	684268	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	377761	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	274007	45.337	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.680%
7) Chloroethane-d5	1.519	69	218133	46.498	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.056	65	117990	46.728	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.460%
21) 2-Butanone-d5	3.789	46	178662	82.995	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.000%
24) Chloroform-d	4.240	84	500542	46.551	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.100%
26) 1,2-Dichloroethane-d4	4.934	65	289351	45.974	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.940%
32) Benzene-d6	4.950	84	985048	46.004	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	5.982	67	299128	43.872	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.740%
41) Toluene-d8	7.236	98	919529	47.360	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.720%
43) trans-1,3-Dichloroprop...	7.548	79	142440	44.971	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.940%
47) 2-Hexanone-d5	8.024	63	147480	102.436	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.440%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	353061	44.565	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.140%
66) 1,2-Dichlorobenzene-d4	11.551	152	361534	45.418	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.105	85	293399	50.059	ug/L	100
3) Chloromethane	1.217	50	280550	49.304	ug/L	99
5) Vinyl chloride	1.282	62	296913	48.672	ug/L	99
6) Bromomethane	1.471	94	170706	50.424	ug/L	99
8) Chloroethane	1.539	64	182184	48.454	ug/L	100
9) Trichlorofluoromethane	1.706	101	418257	50.936	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	243482	49.621	ug/L	98
12) 1,1-Dichloroethene	2.066	96	226123	49.333	ug/L	87
13) Acetone	2.111	43	150393	71.267	ug/L	98
14) Carbon disulfide	2.236	76	675227	47.195	ug/L	100
15) Methyl Acetate	2.368	43	192980	52.401	ug/L	98
16) Methylene chloride	2.442	84	254912	49.118	ug/L	97
17) trans-1,2-Dichloroethene	2.687	96	241095	49.721	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	706192	50.762	ug/L	99
19) 1,1-Dichloroethane	3.105	63	462853	49.820	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	273702	50.440	ug/L	98
22) 2-Butanone	3.873	43	204397	87.509	ug/L	94
23) Bromochloromethane	4.137	128	143942	51.282	ug/L	97
25) Chloroform	4.269	83	476566	49.544	ug/L	99

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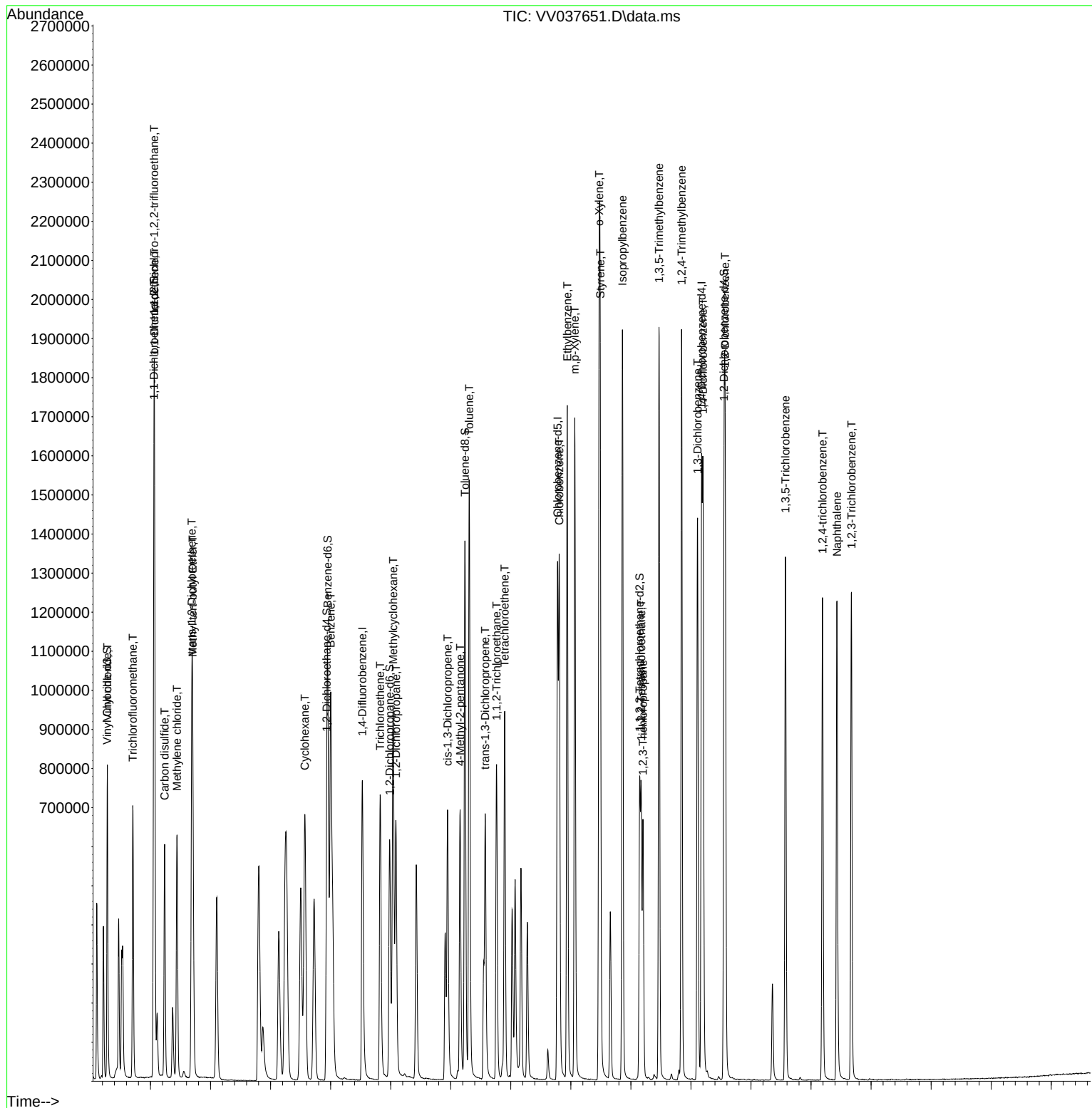
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	346398	51.012	ug/L	99
29) Cyclohexane	4.571	56	369441	47.552	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	419569	49.785	ug/L	99
31) Carbon tetrachloride	4.725	117	367553	50.164	ug/L	100
33) Benzene	5.002	78	1016170	49.241	ug/L	100
34) Trichloroethene	5.825	95	265882	48.379	ug/L	98
35) Methylcyclohexane	6.040	83	406877	48.125	ug/L	100
37) 1,2-Dichloropropane	6.088	63	267630	50.222	ug/L	98
38) Bromodichloromethane	6.426	83	358641	50.345	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	419870	49.358	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	417236	96.161	ug/L	96
42) Toluene	7.307	91	1132054	52.915	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	391629	51.137	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	254603	49.757	ug/L	98
46) Tetrachloroethene	7.899	164	210909	50.193	ug/L	98
48) 2-Hexanone	8.072	43	311954	92.462	ug/L	98
49) Dibromochloromethane	8.172	129	277782	51.293	ug/L	97
50) 1,2-Dibromoethane	8.275	107	264041	49.919	ug/L	99
51) Chlorobenzene	8.809	112	723217	49.618	ug/L	99
52) Ethylbenzene	8.940	91	1207226	50.130	ug/L	100
53) m,p-Xylene	9.066	106	477845	53.315	ug/L	99
54) o-Xylene	9.471	106	456803	52.205	ug/L	97
55) Styrene	9.490	104	813744	53.421	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	357203	50.070	ug/L	99
59) Bromoform	9.657	173	189290	51.268	ug/L	98
60) Isopropylbenzene	9.860	105	1216736	49.542	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	255934	47.612	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	990329	51.003	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	1007162	52.132	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	589820	49.894	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	615519	50.004	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	581536	49.763	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	62515	47.910	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	401438	49.381	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	370935	49.180	ug/L	100
71) Naphthalene	13.432	128	984408	49.955	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	369386	49.593	ug/L	99

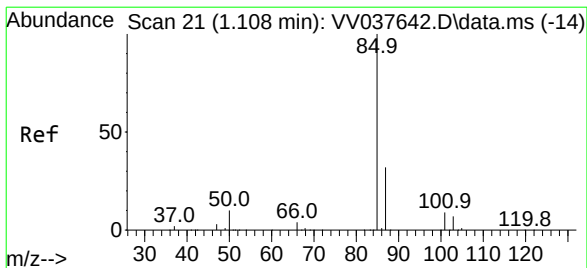
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 50.059 ug/L

RT: 1.105 min Scan# 20

Delta R.T. -0.003 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Instrument :

MSVOA_V

ClientSampleId :

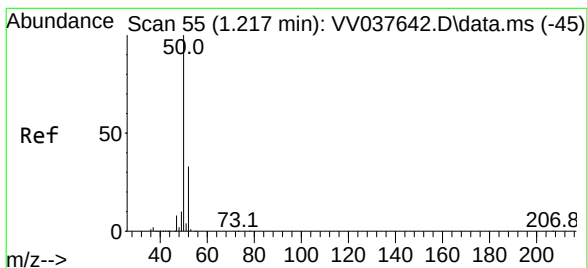
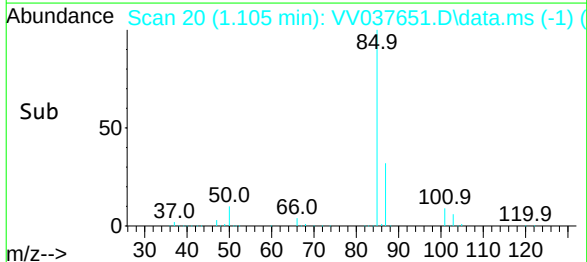
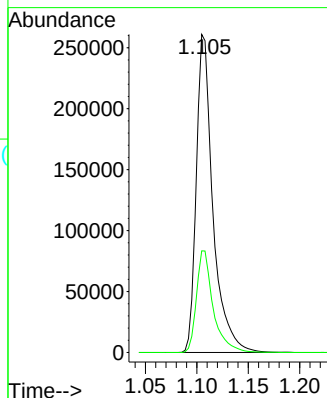
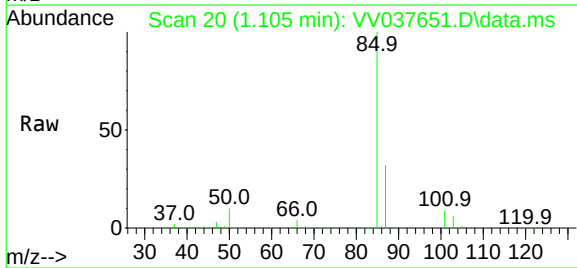
E1H08MSD

Tgt Ion: 85 Resp: 293399

Ion Ratio Lower Upper

85 100

87 32.3 25.8 38.8



#3

Chloromethane

Concen: 49.304 ug/L

RT: 1.217 min Scan# 55

Delta R.T. 0.000 min

Lab File: VV037651.D

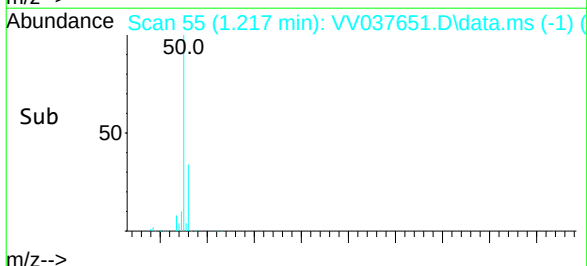
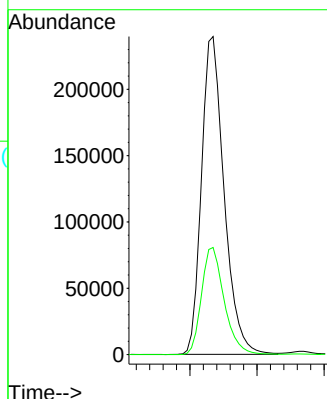
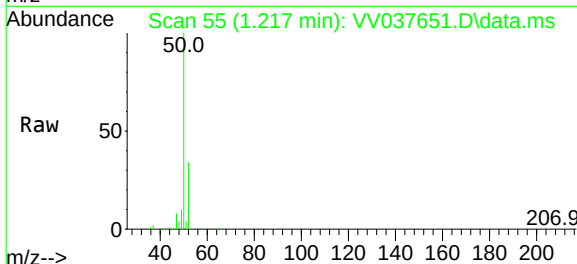
Acq: 30 Sep 2024 13:49

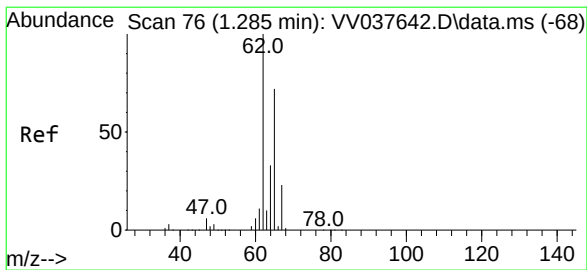
Tgt Ion: 50 Resp: 280550

Ion Ratio Lower Upper

50 100

52 33.7 23.2 43.2





#5

Vinyl chloride

Concen: 48.672 ug/L

RT: 1.282 min Scan# 75

Delta R.T. -0.003 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Instrument :

MSVOA_V

ClientSampleId :

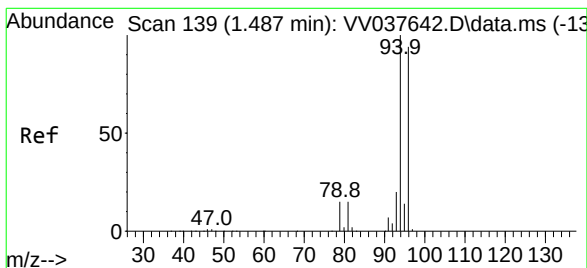
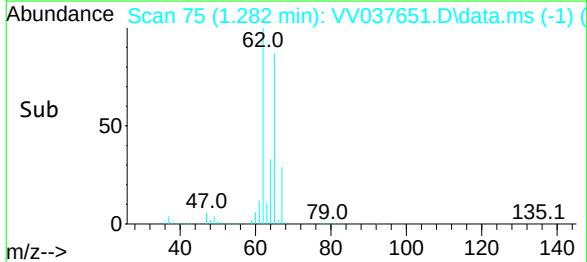
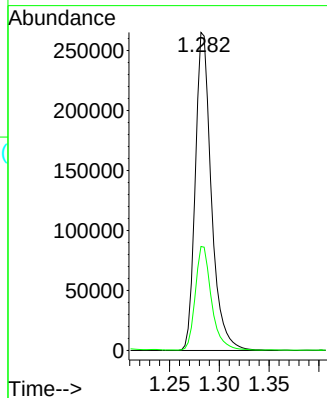
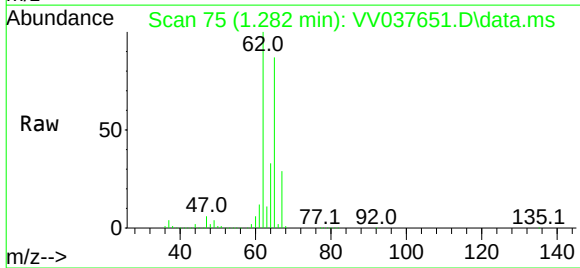
E1H08MSD

Tgt Ion: 62 Resp: 296913

Ion Ratio Lower Upper

62 100

64 32.7 23.2 43.0



#6

Bromomethane

Concen: 50.424 ug/L

RT: 1.471 min Scan# 134

Delta R.T. -0.016 min

Lab File: VV037651.D

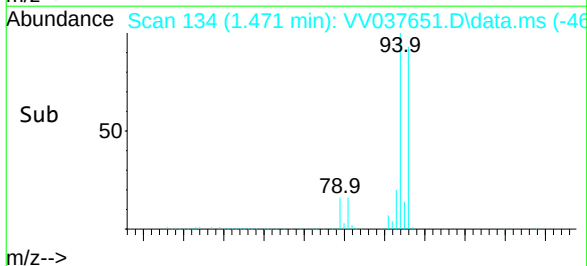
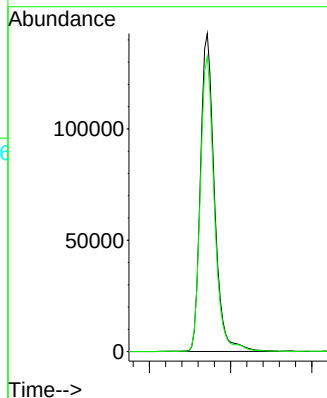
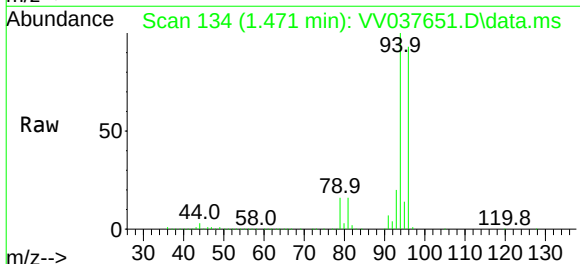
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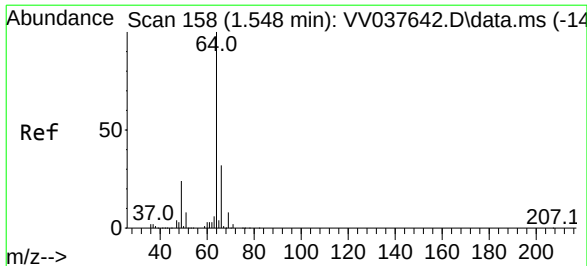
Tgt Ion: 94 Resp: 170706

Ion Ratio Lower Upper

94 100

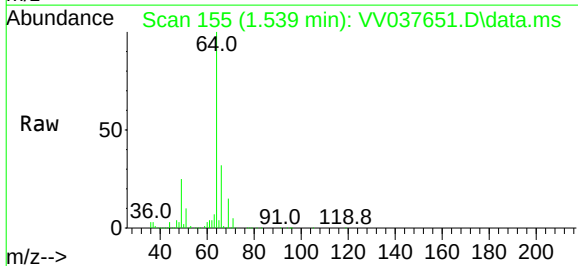
96 92.7 65.8 122.2



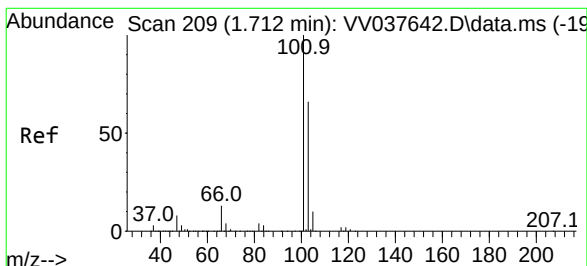
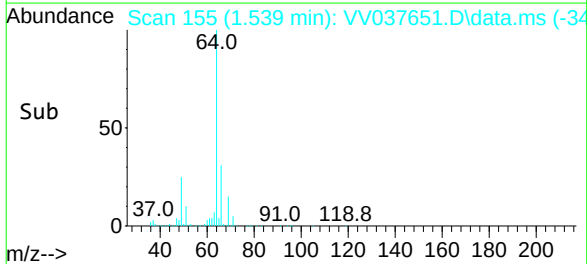
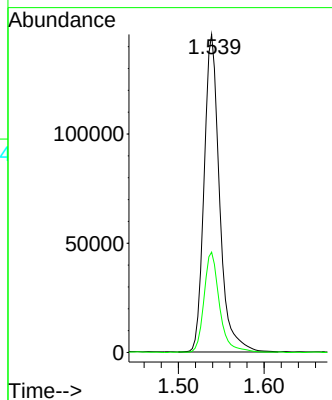


#8
Chloroethane
Concen: 48.454 ug/L
RT: 1.539 min Scan# 15
Delta R.T. -0.010 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Instrument :
MSVOA_V
ClientSampleId :
E1H08MSD

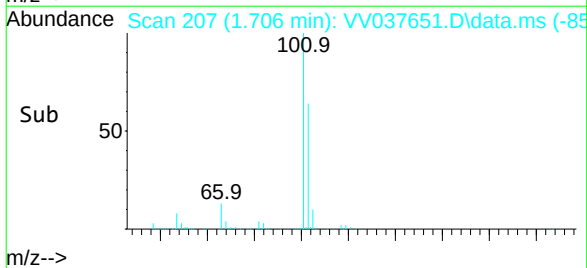
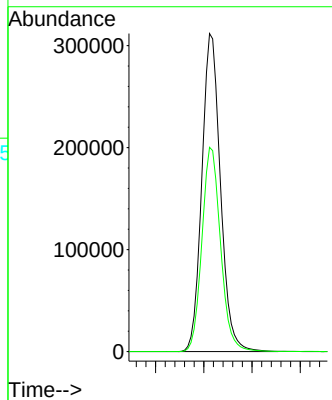
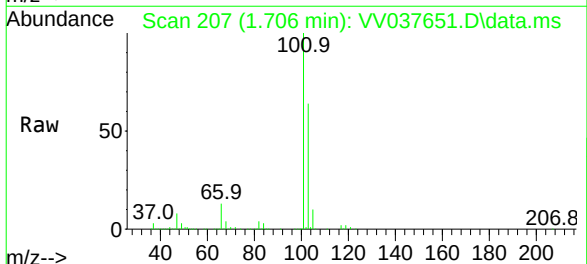


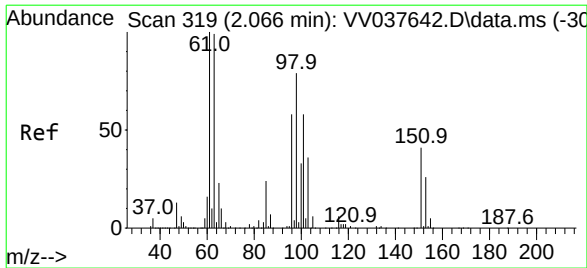
Tgt Ion: 64 Resp: 182184
Ion Ratio Lower Upper
64 100
66 31.5 22.2 41.2



#9
Trichlorofluoromethane
Concen: 50.936 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.006 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion: 101 Resp: 418257
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.4

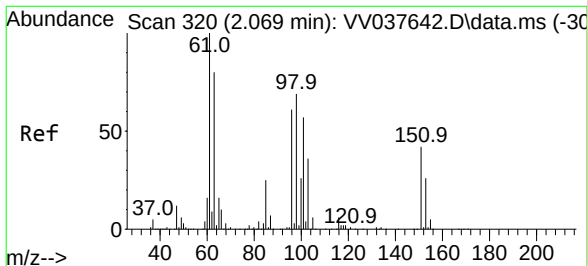
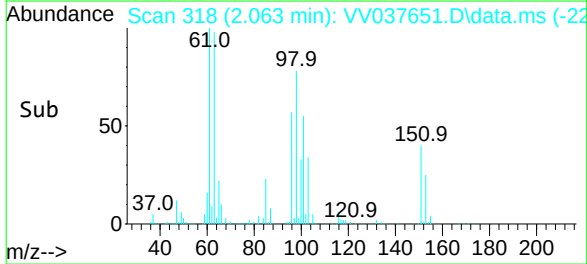
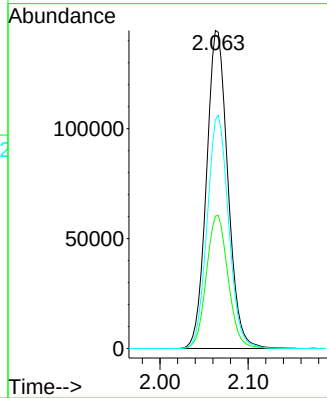
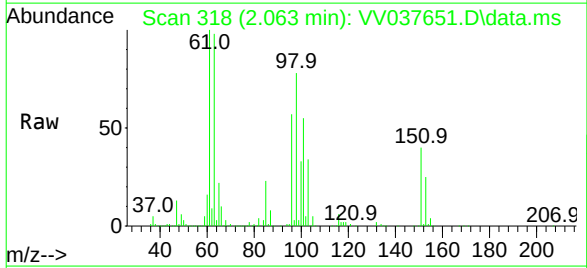




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.621 ug/L
RT: 2.063 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

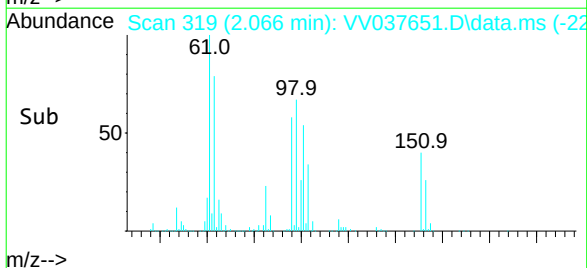
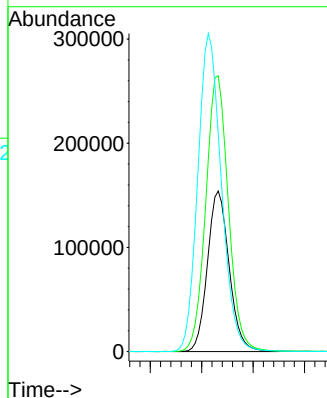
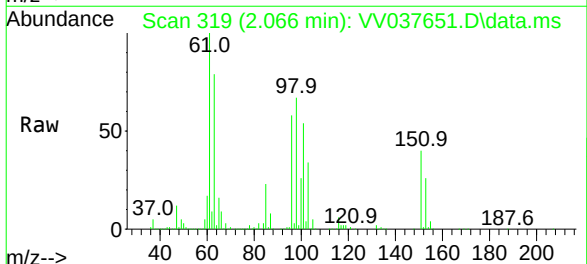
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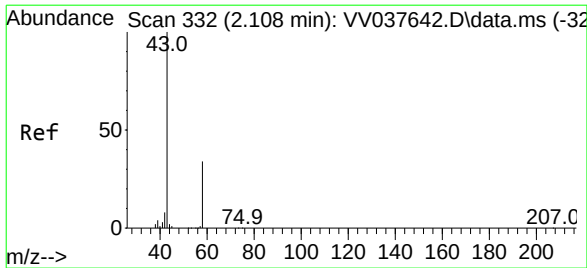
Tgt Ion: 101 Resp: 243482
Ion Ratio Lower Upper
101 100
85 42.4 34.6 52.0
151 73.7 57.5 86.3



#12
1,1-Dichloroethene
Concen: 49.333 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion: 96 Resp: 226123
Ion Ratio Lower Upper
96 100
61 171.8 122.6 227.6
63 135.7 118.0 219.2





#13

Acetone

Concen: 71.267 ug/L

RT: 2.111 min Scan# 33

Delta R.T. 0.003 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Instrument :

MSVOA_V

ClientSampleId :

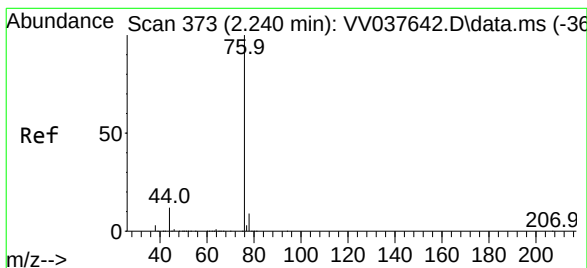
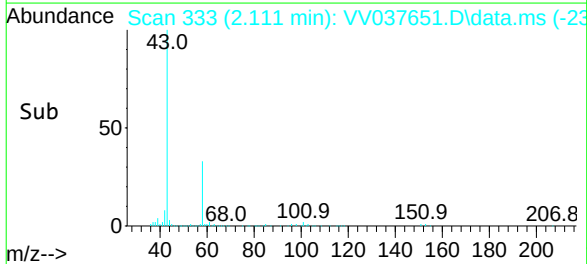
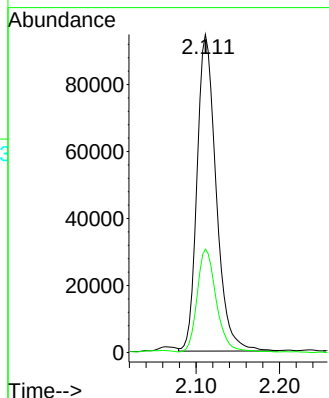
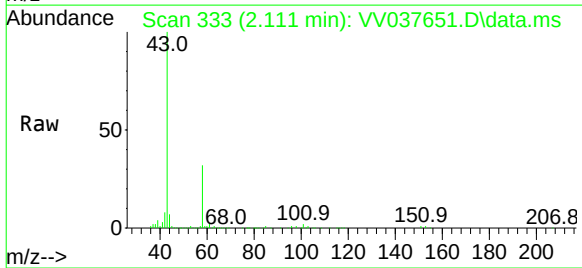
E1H08MSD

Tgt Ion: 43 Resp: 150393

Ion Ratio Lower Upper

43 100

58 32.4 0.0 66.6



#14

Carbon disulfide

Concen: 47.195 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV037651.D

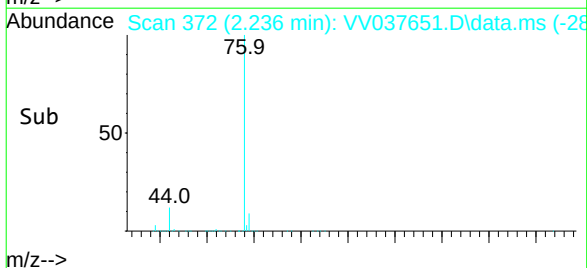
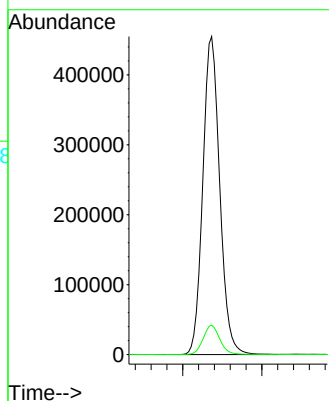
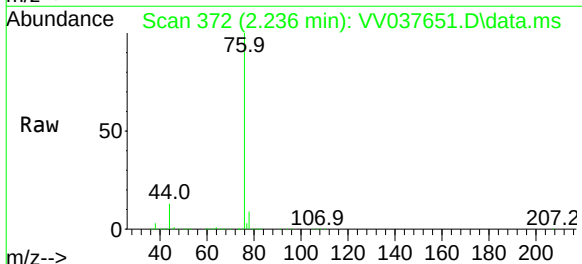
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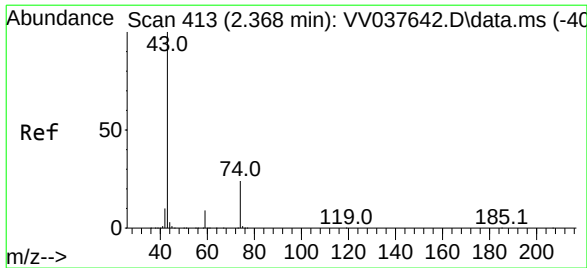
Tgt Ion: 76 Resp: 675227

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 52.401 ug/L

RT: 2.368 min Scan# 413

Delta R.T. 0.000 min

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ClientSampleId :

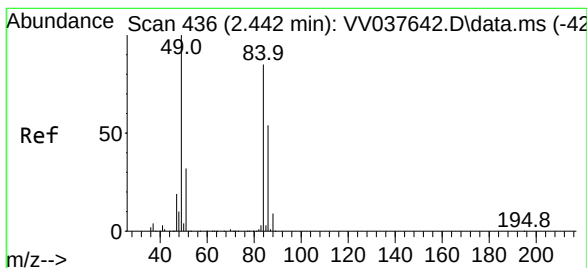
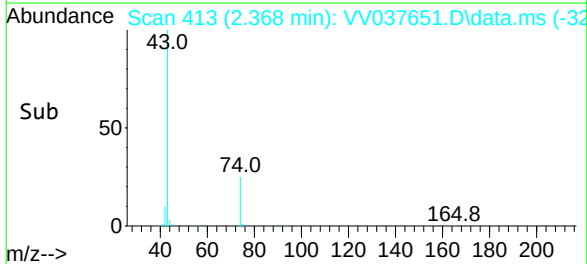
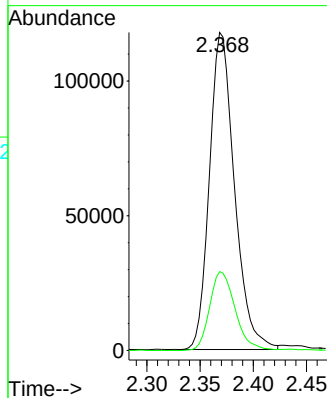
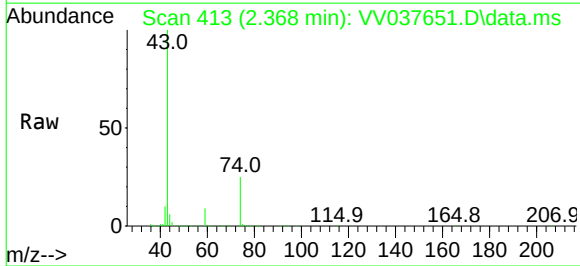
E1H08MSD

Tgt Ion: 43 Resp: 192980

Ion Ratio Lower Upper

43 100

74 25.2 19.4 29.0



#16

Methylene chloride

Concen: 49.118 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

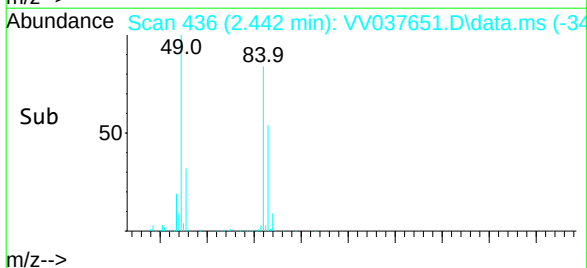
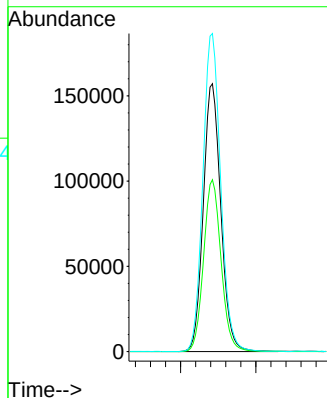
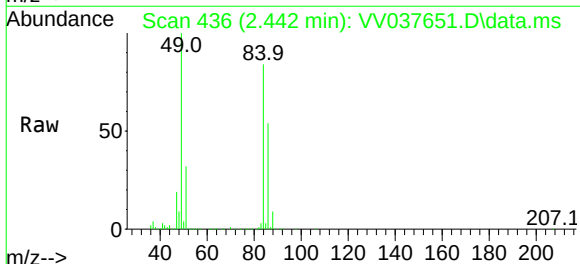
Tgt Ion: 84 Resp: 254912

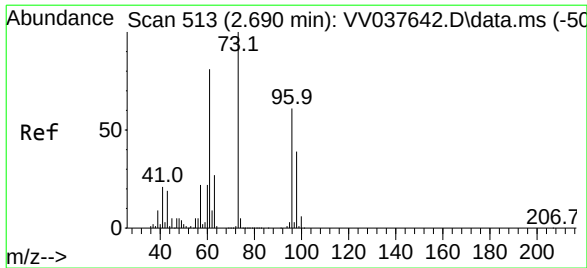
Ion Ratio Lower Upper

84 100

86 64.2 46.4 86.2

49 118.7 85.9 159.5

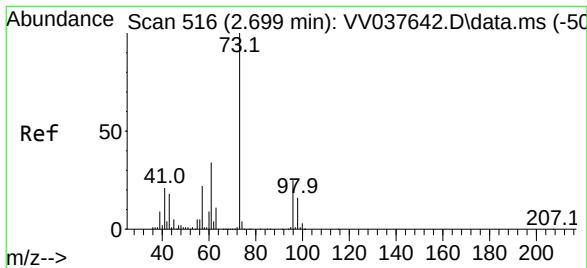
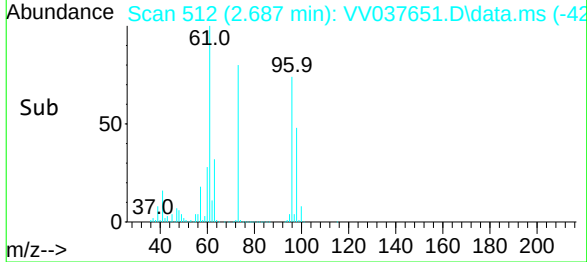
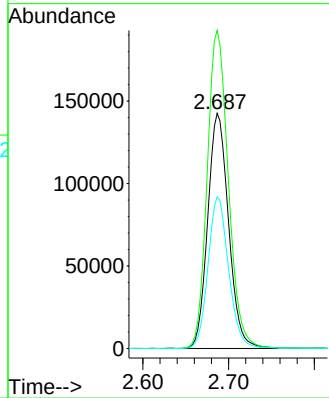
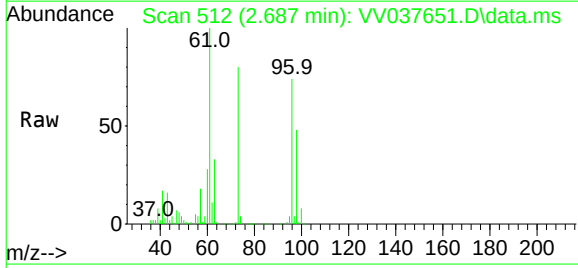




#17
trans-1,2-Dichloroethene
Concen: 49.721 ug/L
RT: 2.687 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

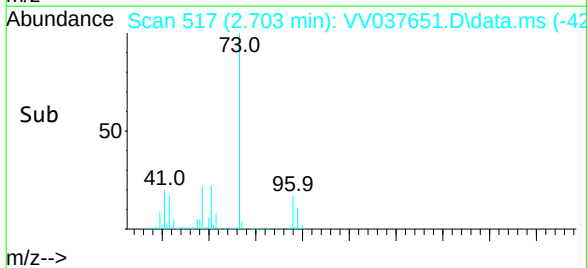
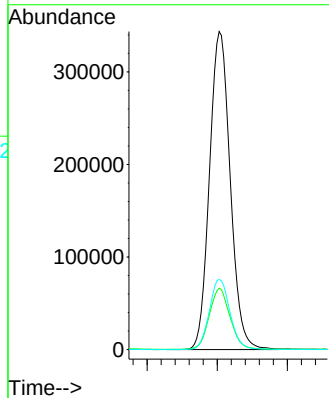
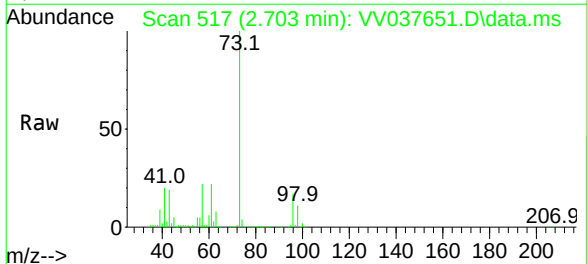
Instrument :
MSVOA_V
ClientSampleId :
E1H08MSD

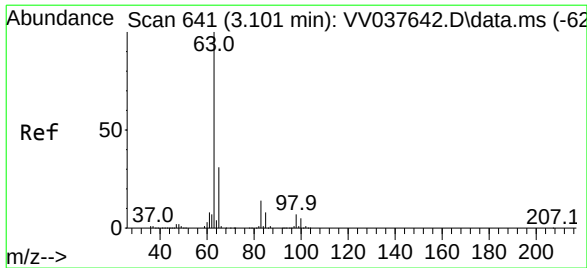
Tgt Ion: 96 Resp: 241095
Ion Ratio Lower Upper
96 100
61 135.2 97.3 180.7
98 64.5 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 50.762 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion: 73 Resp: 706192
Ion Ratio Lower Upper
73 100
43 19.2 15.1 22.7
57 22.0 17.4 26.2

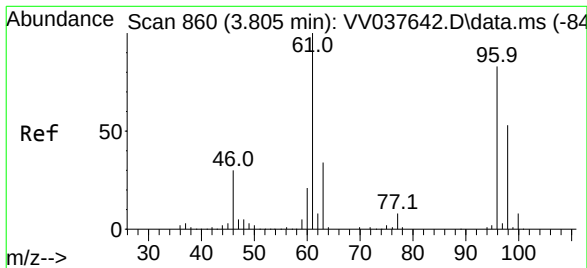
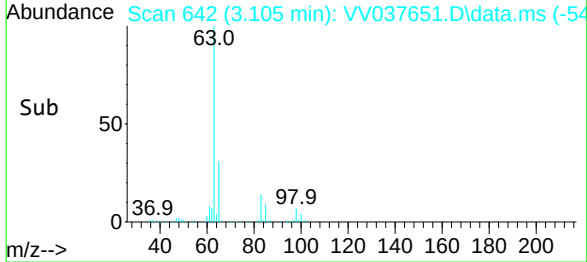
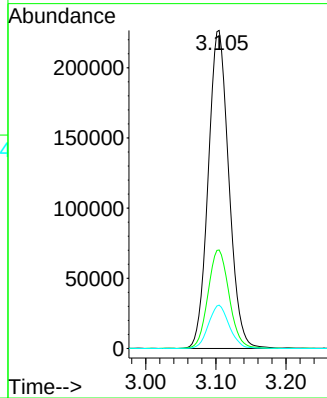
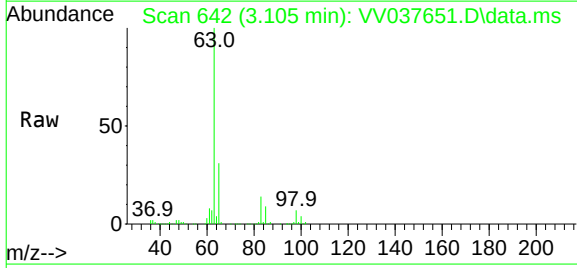




#19
1,1-Dichloroethane
Concen: 49.820 ug/L
RT: 3.105 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

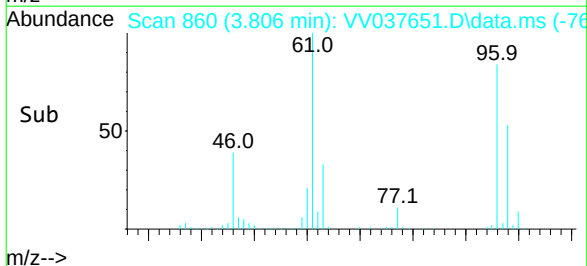
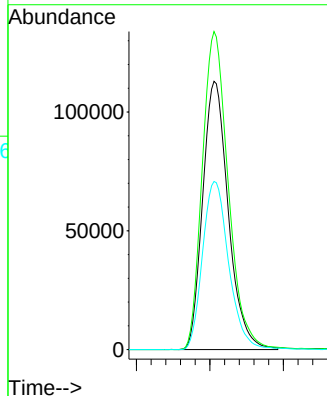
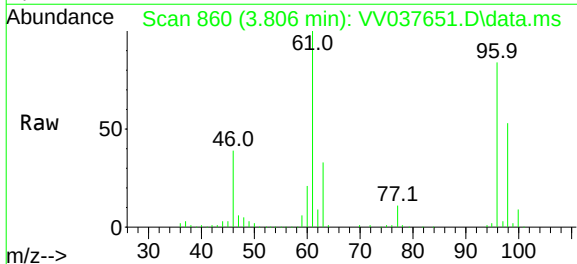
Instrument :
MSVOA_V
ClientSampleId :
E1H08MSD

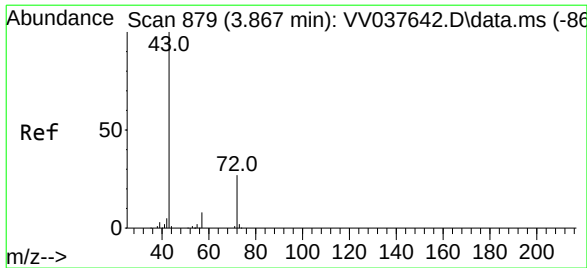
Tgt Ion: 63 Resp: 462853
Ion Ratio Lower Upper
63 100
65 31.0 22.4 41.6
83 13.6 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 50.440 ug/L
RT: 3.806 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion: 96 Resp: 273702
Ion Ratio Lower Upper
96 100
61 118.5 85.0 157.8
98 62.7 44.2 82.0

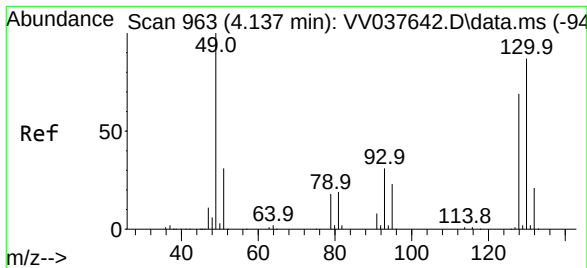
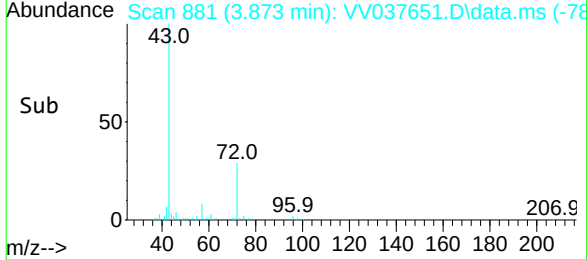
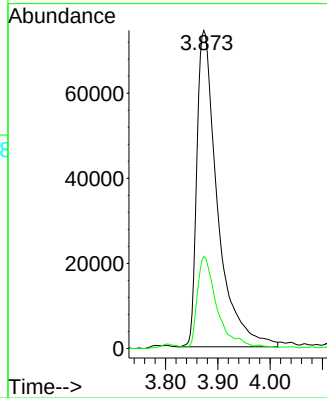
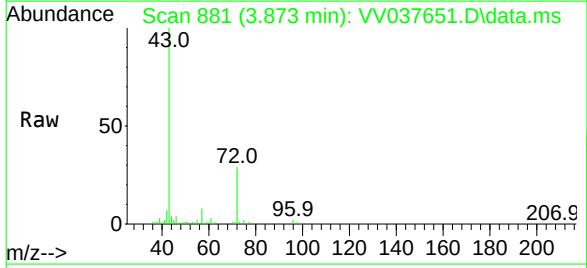




#22
2-Butanone
Concen: 87.509 ug/L
RT: 3.873 min Scan# 881
Delta R.T. 0.007 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

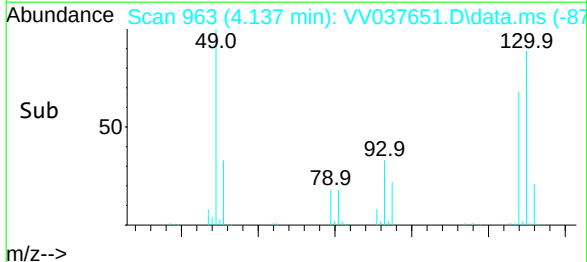
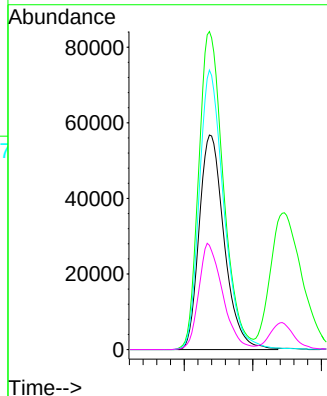
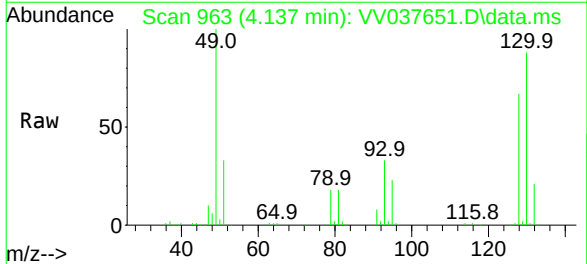
Instrument :
MSVOA_V
ClientSampleId :
E1H08MSD

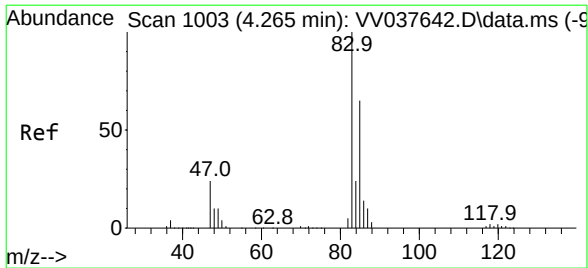
Tgt Ion: 43 Resp: 204397
Ion Ratio Lower Upper
43 100
72 25.3 14.3 42.9



#23
Bromochloromethane
Concen: 51.282 ug/L
RT: 4.137 min Scan# 963
Delta R.T. 0.000 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion: 128 Resp: 143942
Ion Ratio Lower Upper
128 100
49 148.2 108.7 201.9
130 130.3 90.4 168.0
51 48.6 39.2 58.8

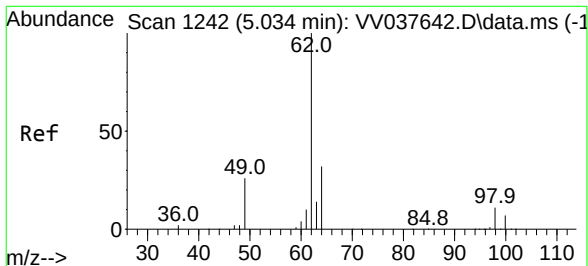
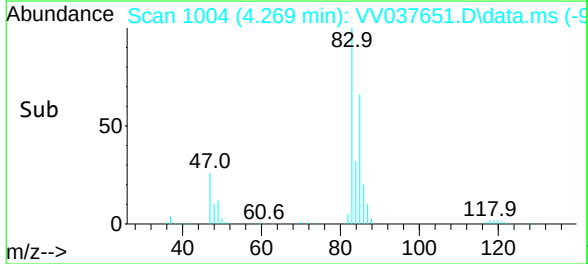
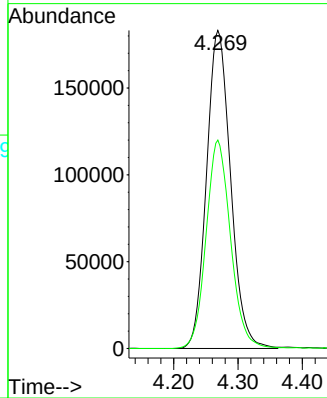
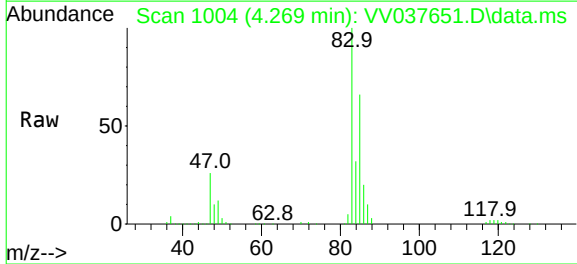




#25
Chloroform
Concen: 49.544 ug/L
RT: 4.269 min Scan# 1003
Delta R.T. 0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

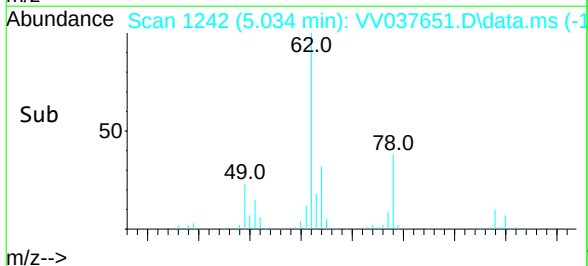
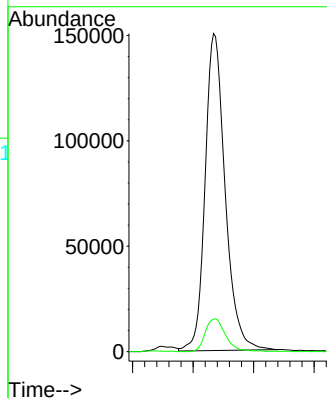
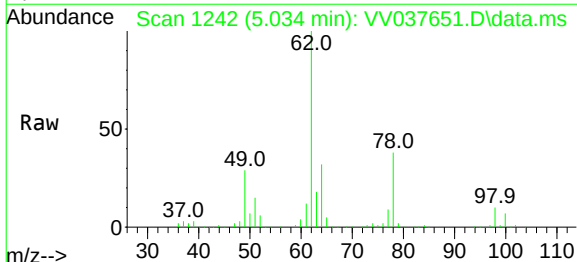
Instrument :
MSVOA_V
ClientSampleId :
E1H08MSD

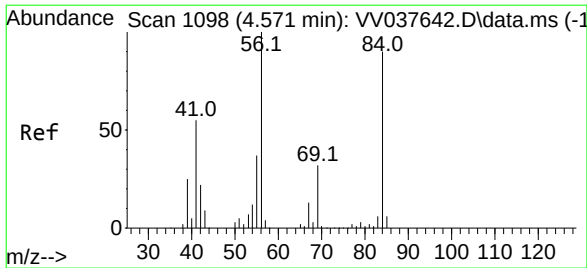
Tgt Ion: 83 Resp: 476566
Ion Ratio Lower Upper
83 100
85 65.5 45.1 83.7



#27
1,2-Dichloroethane
Concen: 51.012 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion: 62 Resp: 346398
Ion Ratio Lower Upper
62 100
98 10.2 8.4 12.6

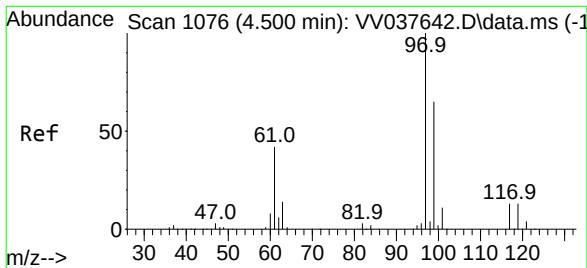
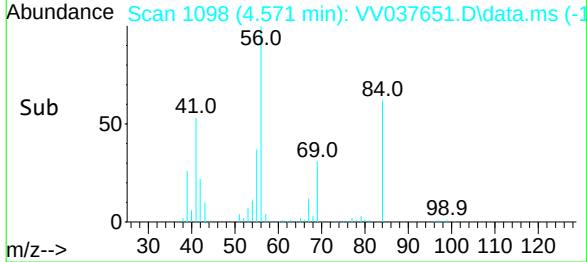
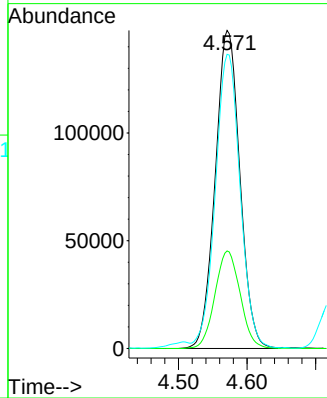
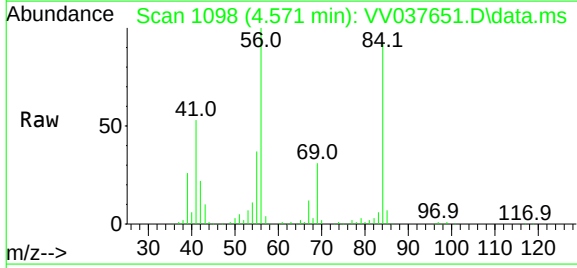




#29
Cyclohexane
Concen: 47.552 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. 0.000 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

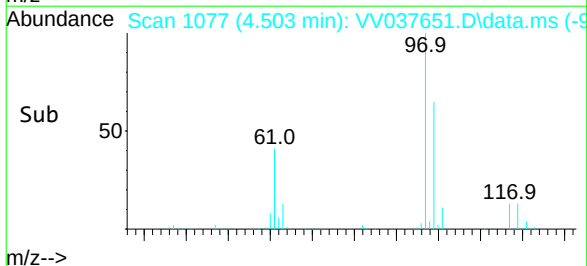
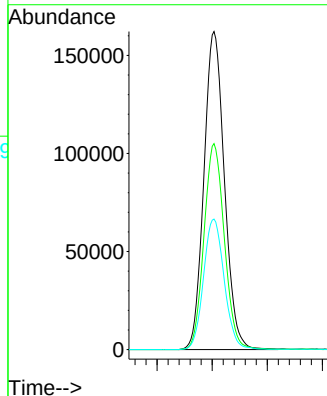
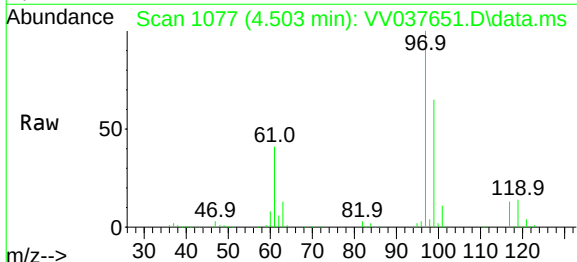
Instrument :
MSVOA_V
ClientSampleId :
E1H08MSD

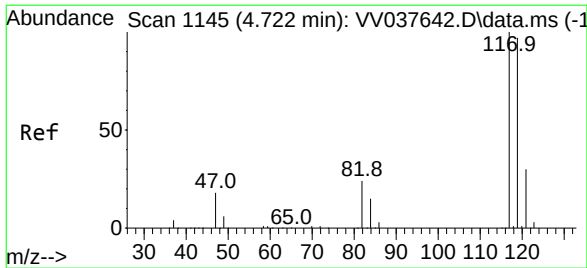
Tgt Ion: 56 Resp: 369441
Ion Ratio Lower Upper
56 100
69 31.3 24.7 37.1
84 92.6 73.4 110.0



#30
1,1,1-Trichloroethane
Concen: 49.785 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion: 97 Resp: 419569
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.6
61 41.4 33.6 50.4





#31

Carbon tetrachloride

Concen: 50.164 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. 0.003 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Instrument :

MSVOA_V

ClientSampleId :

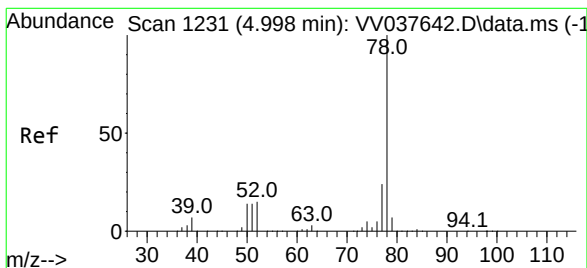
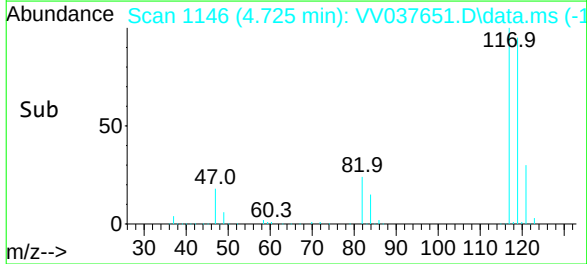
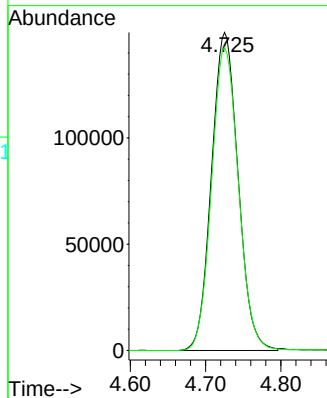
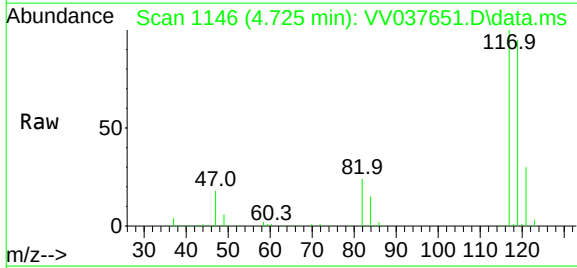
E1H08MSD

Tgt Ion:117 Resp: 367553

Ion Ratio Lower Upper

117 100

119 96.1 76.9 115.3



#33

Benzene

Concen: 49.241 ug/L

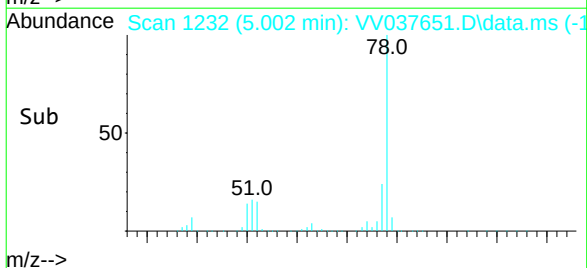
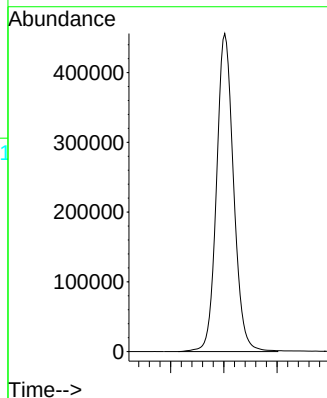
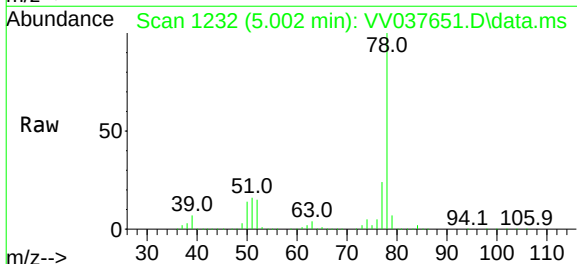
RT: 5.002 min Scan# 1232

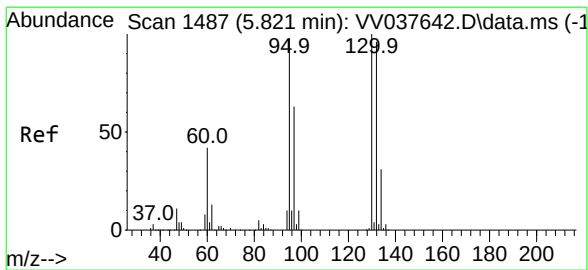
Delta R.T. 0.003 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Tgt Ion: 78 Resp: 1016170





#34

Trichloroethene

Concen: 48.379 ug/L

RT: 5.825 min Scan# 1487

Delta R.T. 0.003 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Instrument :

MSVOA_V

ClientSampleId :

E1H08MSD

Tgt Ion: 95 Resp: 265882

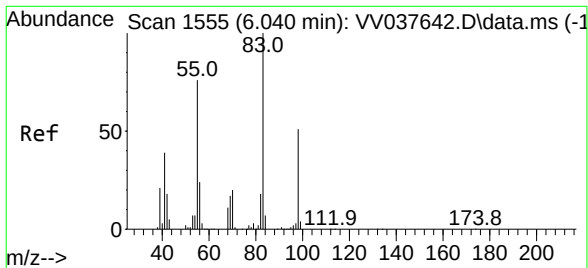
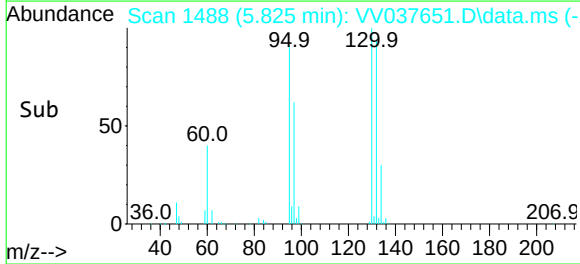
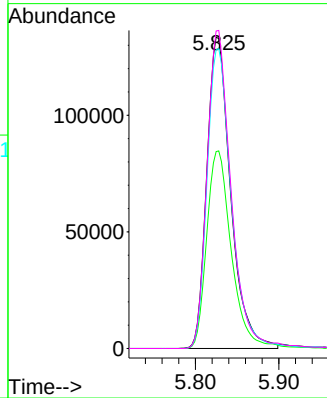
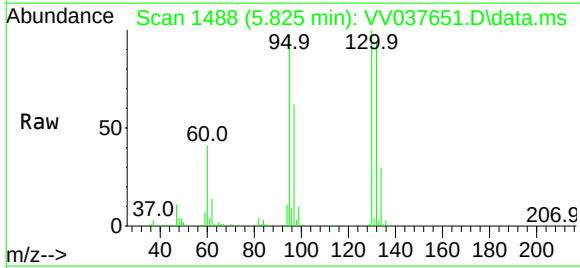
Ion Ratio Lower Upper

95 100

97 63.2 46.3 85.9

132 95.9 68.6 127.4

130 102.0 70.9 131.7



#35

Methylcyclohexane

Concen: 48.125 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

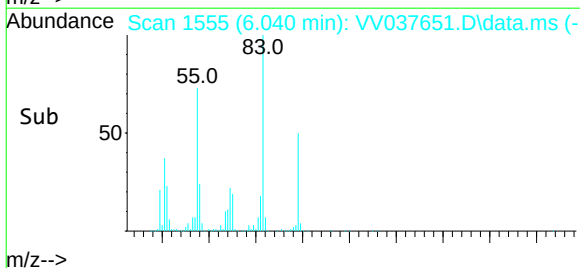
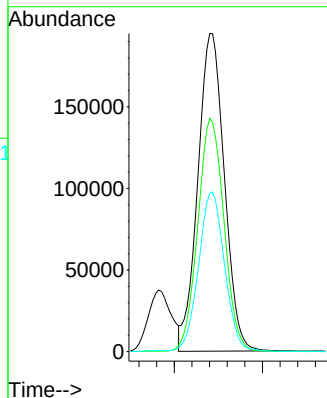
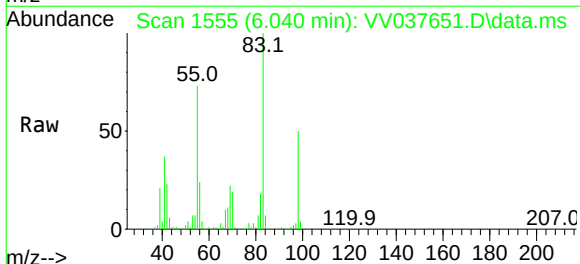
Tgt Ion: 83 Resp: 406877

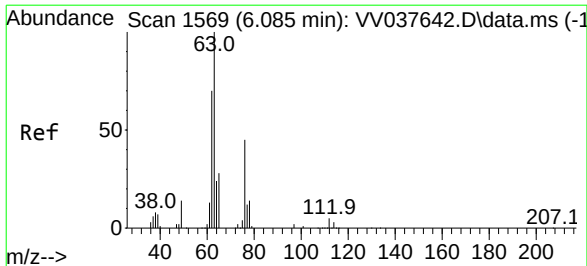
Ion Ratio Lower Upper

83 100

55 72.6 57.9 86.9

98 49.1 39.3 58.9

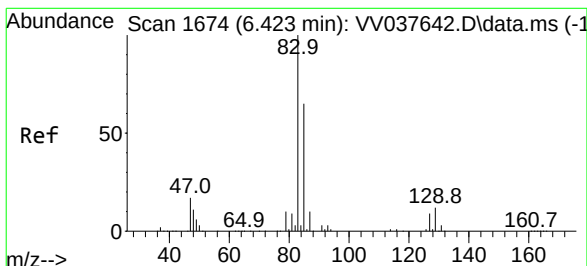
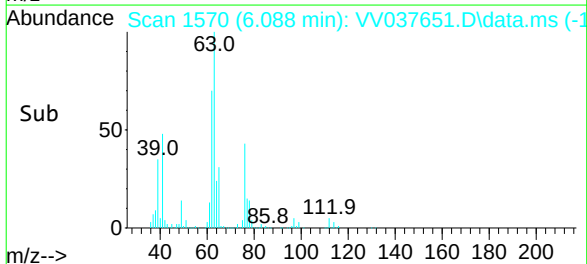
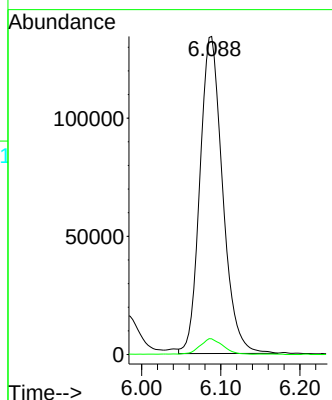
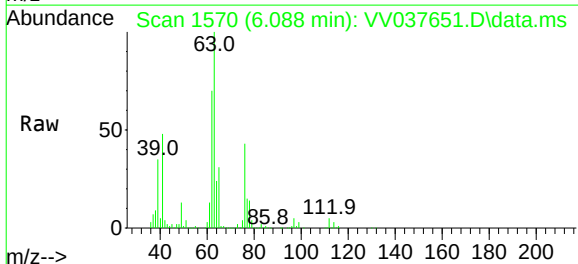




#37
1,2-Dichloropropane
Concen: 50.222 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

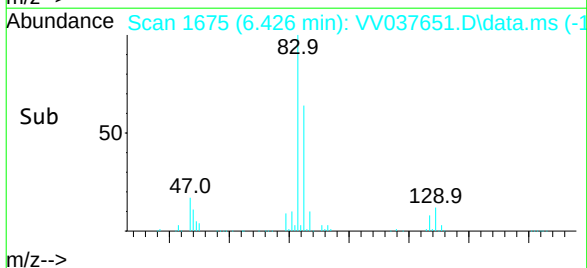
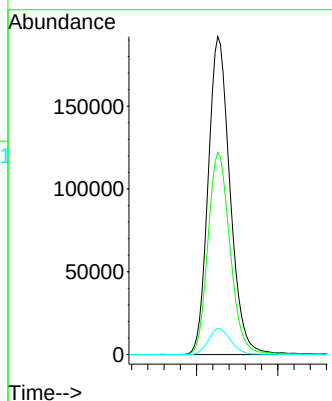
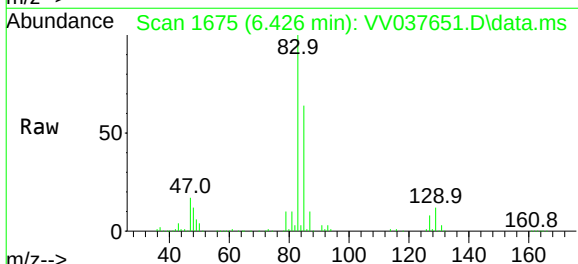
Instrument :
MSVOA_V
ClientSampleId :
E1H08MSD

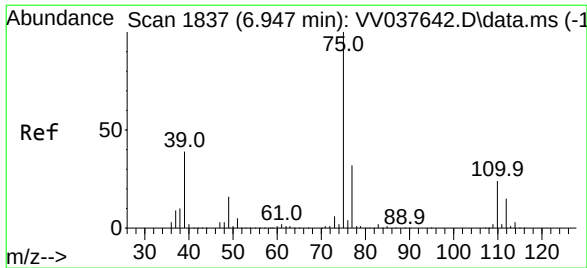
Tgt Ion: 63 Resp: 267630
Ion Ratio Lower Upper
63 100
112 4.9 3.5 5.3



#38
Bromodichloromethane
Concen: 50.345 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion: 83 Resp: 358641
Ion Ratio Lower Upper
83 100
85 63.6 45.7 84.9
127 8.3 7.0 10.4

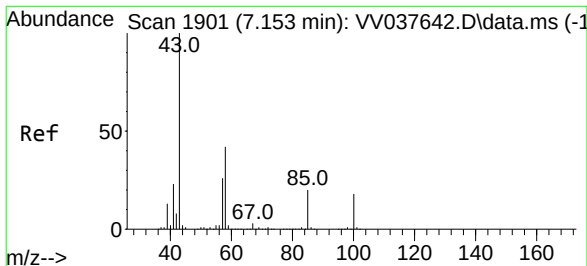
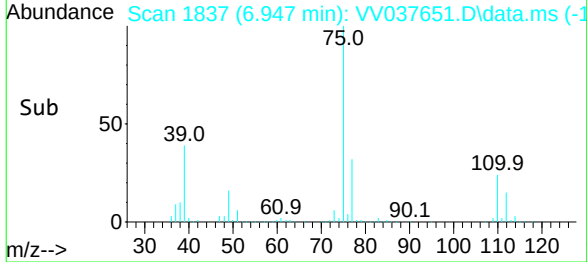
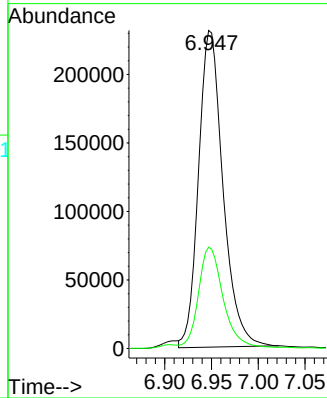
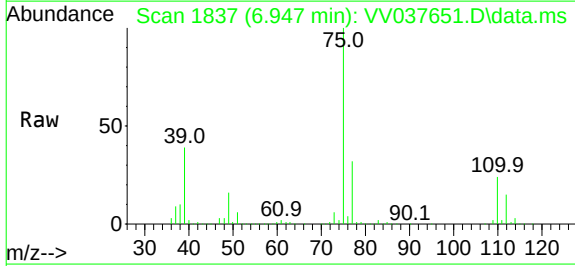




#39
cis-1,3-Dichloropropene
Concen: 49.358 ug/L
RT: 6.947 min Scan# 18
Delta R.T. 0.000 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

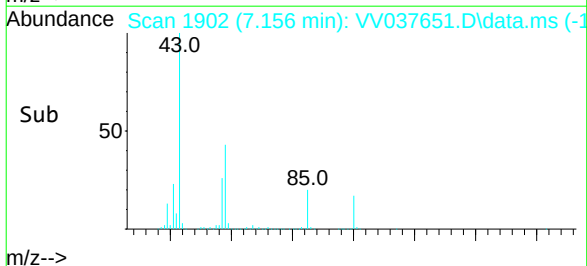
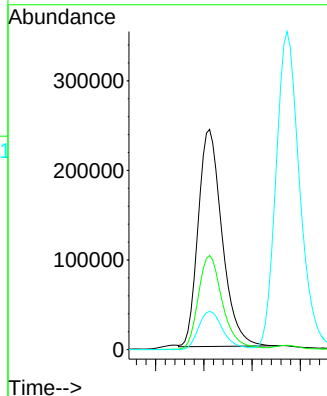
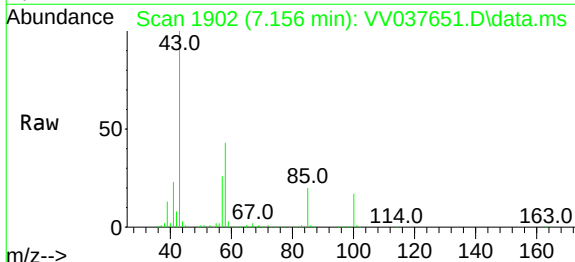
Instrument :
MSVOA_V
ClientSampleId :
E1H08MSD

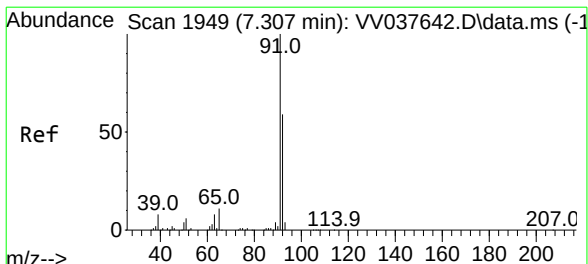
Tgt Ion: 75 Resp: 419870
Ion Ratio Lower Upper
75 100
77 31.9 21.8 40.4



#40
4-Methyl-2-pentanone
Concen: 96.161 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. 0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion: 43 Resp: 417236
Ion Ratio Lower Upper
43 100
58 44.3 33.0 49.4
100 18.1 13.7 20.5



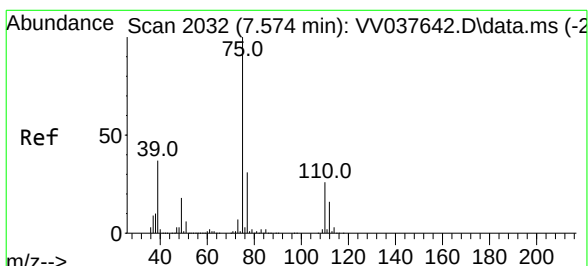
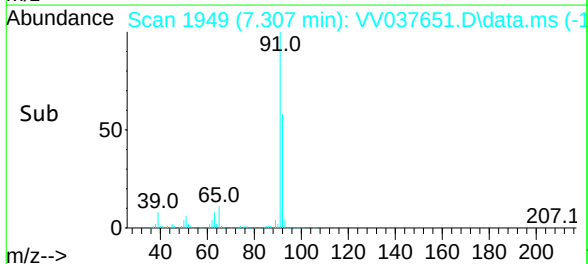
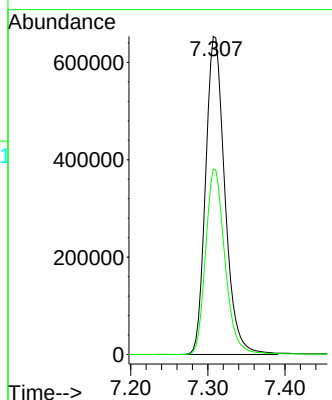
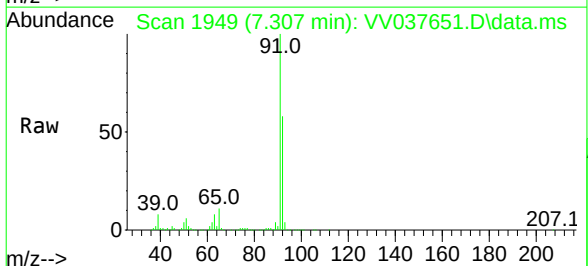


#42
 Toluene
 Concen: 52.915 ug/L
 RT: 7.307 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VV037651.D
 Acq: 30 Sep 2024 13:49

Instrument : MSVOA_V
 ClientSampleId : E1H08MSD

Tgt Ion: 91 Resp: 1132054

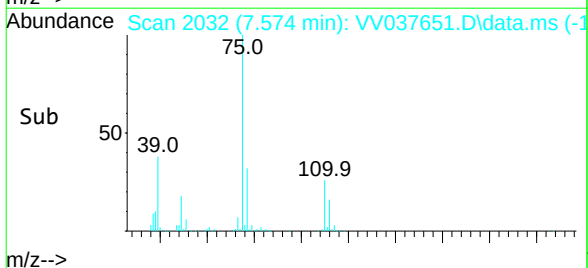
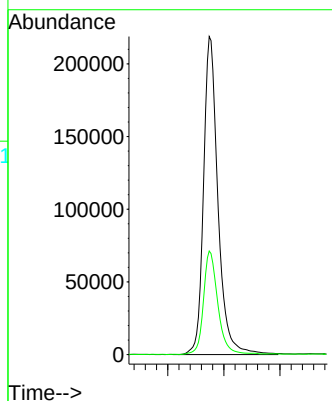
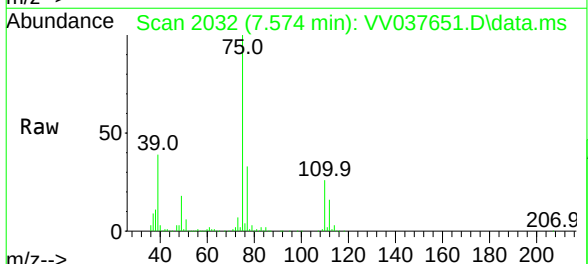
Ion	Ratio	Lower	Upper
91	100		
92	58.3	41.1	76.3

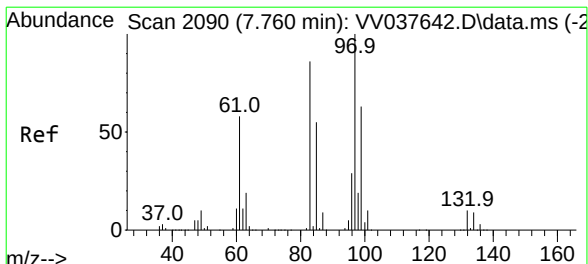


#44
 trans-1,3-Dichloropropene
 Concen: 51.137 ug/L
 RT: 7.574 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VV037651.D
 Acq: 30 Sep 2024 13:49

Tgt Ion: 75 Resp: 391629

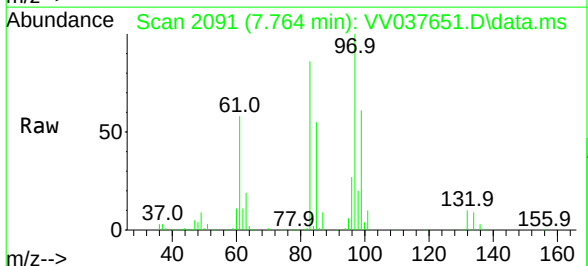
Ion	Ratio	Lower	Upper
75	100		
77	32.6	21.9	40.7



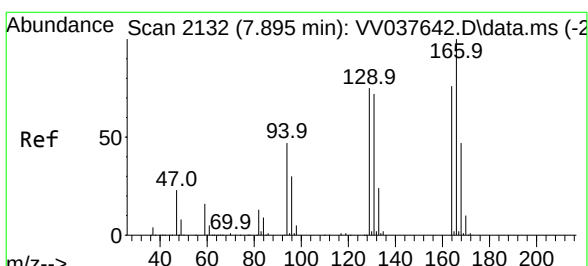
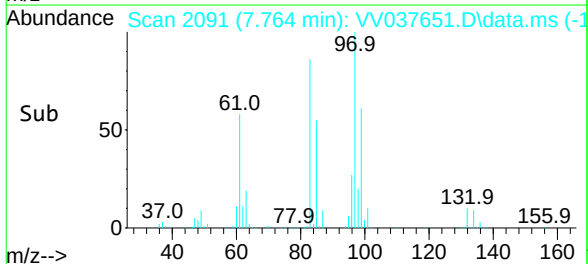
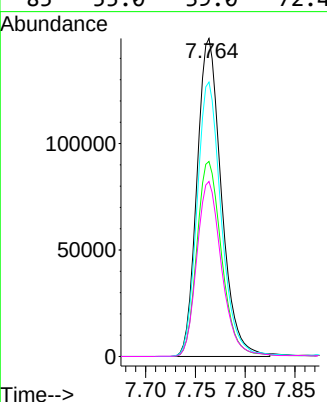


#45
 1,1,2-Trichloroethane
 Concen: 49.757 ug/L
 RT: 7.764 min Scan# 2091
 Delta R.T. 0.003 min
 Lab File: VV037651.D
 Acq: 30 Sep 2024 13:49

Instrument :
 MSVOA_V
 ClientSampleId :
 E1H08MSD

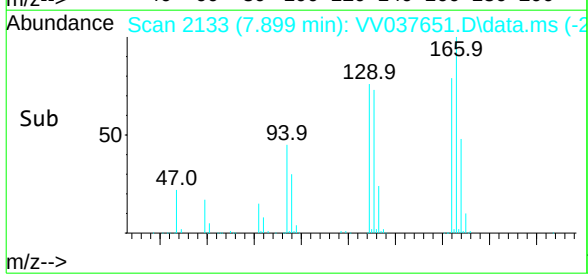
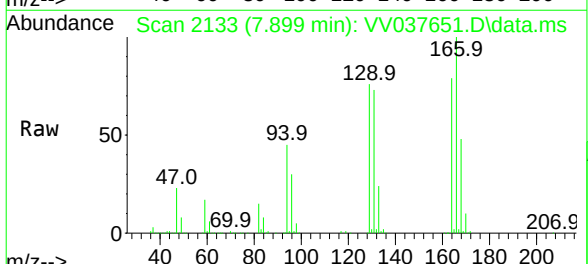
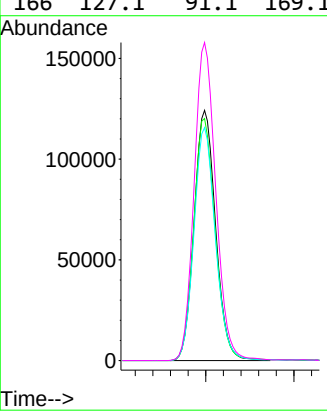


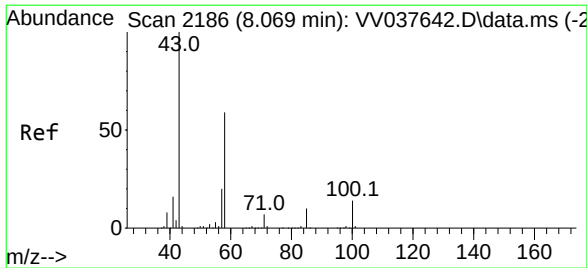
Tgt Ion:	97	Resp:	254603
Ion	Ratio	Lower	Upper
97	100		
99	61.3	44.1	81.9
83	86.3	59.3	110.1
85	55.0	39.0	72.4



#46
 Tetrachloroethene
 Concen: 50.193 ug/L
 RT: 7.899 min Scan# 2133
 Delta R.T. 0.003 min
 Lab File: VV037651.D
 Acq: 30 Sep 2024 13:49

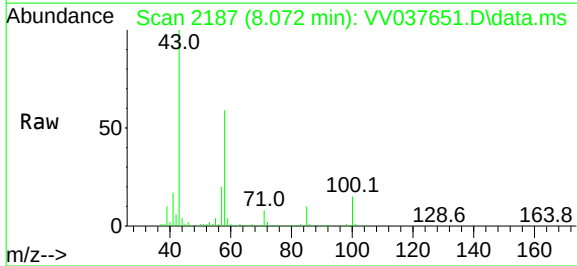
Tgt Ion:	164	Resp:	210909
Ion	Ratio	Lower	Upper
164	100		
129	96.7	68.2	126.6
131	93.1	66.1	122.8
166	127.1	91.1	169.1



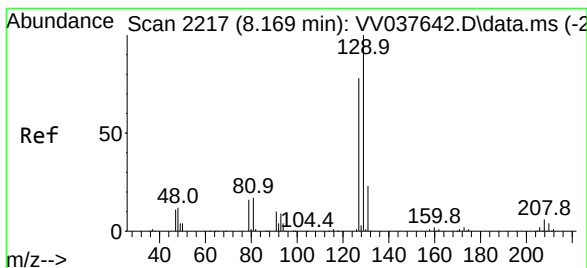
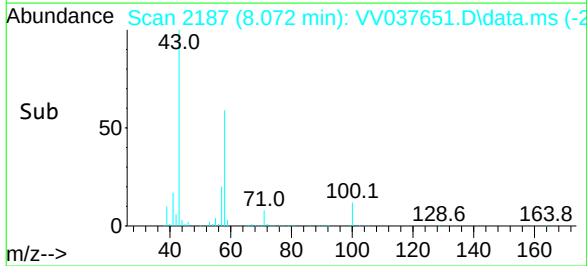
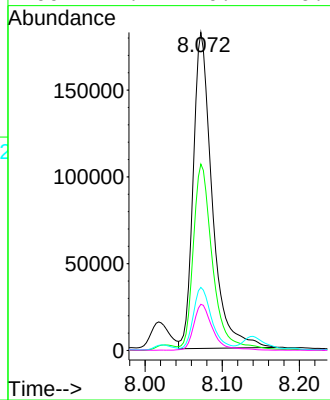


#48
2-Hexanone
Concen: 92.462 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Instrument :
MSVOA_V
ClientSampleId :
E1H08MSD

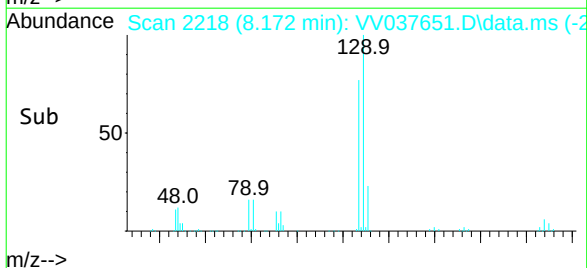
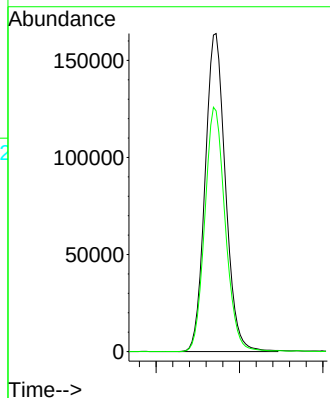
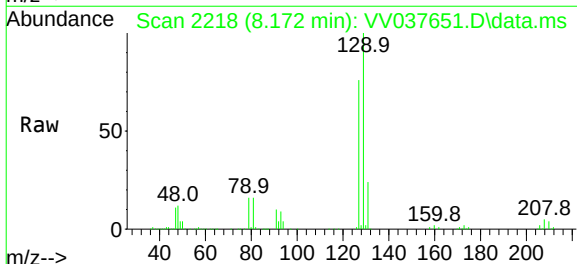


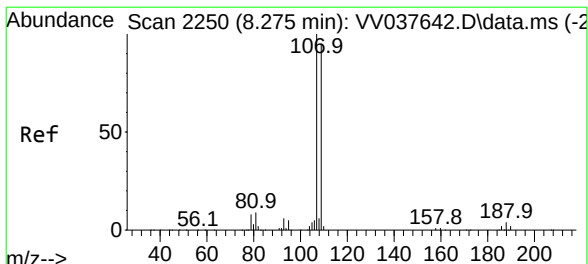
Tgt Ion:	43	Resp:	311954
Ion	Ratio	Lower	Upper
43	100		
58	59.7	46.5	69.7
57	18.8	15.1	22.7
100	14.4	10.7	16.1



#49
Dibromochloromethane
Concen: 51.293 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion:	129	Resp:	277782
Ion	Ratio	Lower	Upper
129	100		
127	75.7	54.9	101.9

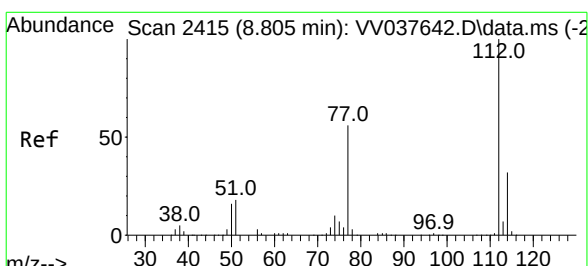
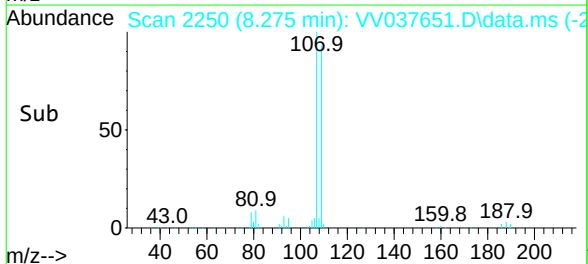
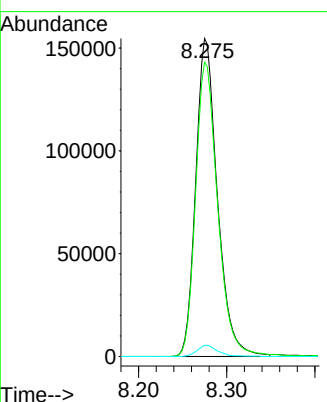
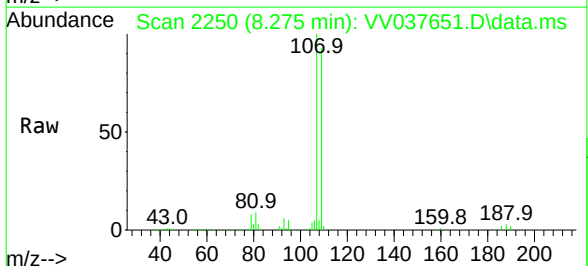




#50
 1,2-Dibromoethane
 Concen: 49.919 ug/L
 RT: 8.275 min Scan# 2250
 Delta R.T. 0.000 min
 Lab File: VV037651.D
 Acq: 30 Sep 2024 13:49

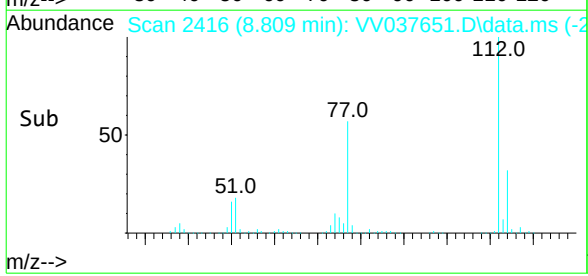
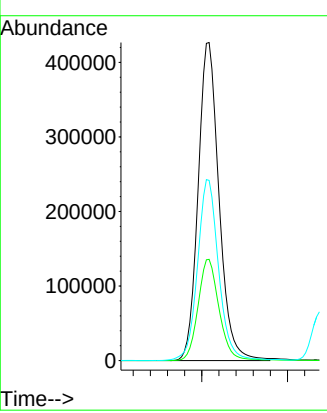
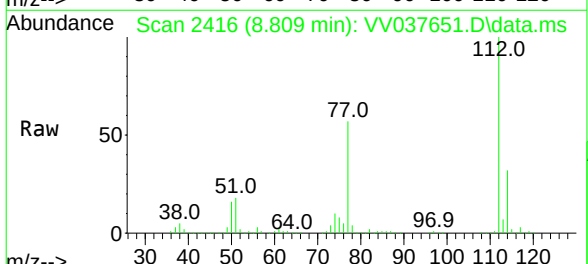
Instrument :
 MSVOA_V
 ClientSampleId :
 E1H08MSD

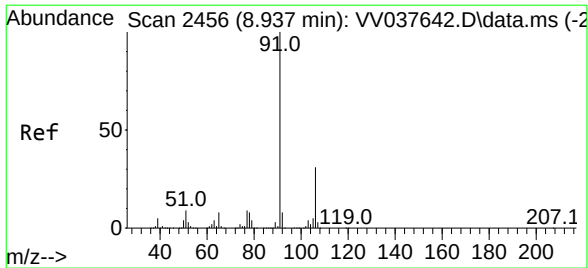
Tgt Ion:	107	Resp:	264041
Ion	Ratio	Lower	Upper
107	100		
109	92.6	65.7	121.9
188	3.5	2.8	4.2



#51
 Chlorobenzene
 Concen: 49.618 ug/L
 RT: 8.809 min Scan# 2416
 Delta R.T. 0.003 min
 Lab File: VV037651.D
 Acq: 30 Sep 2024 13:49

Tgt Ion:	112	Resp:	723217
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.5	41.7
77	56.7	45.8	68.8

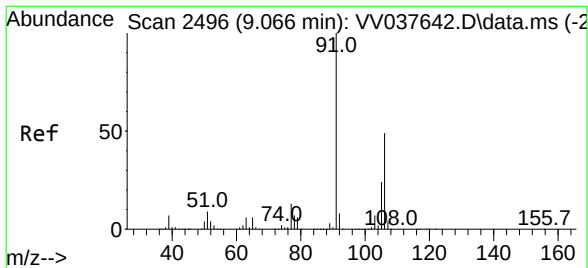
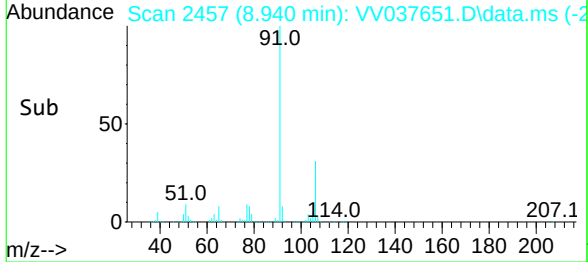
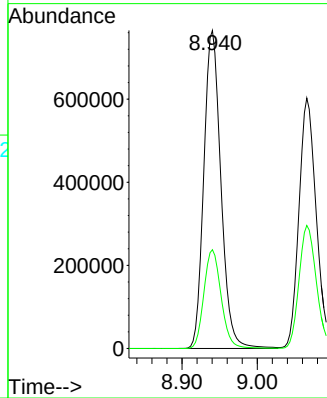
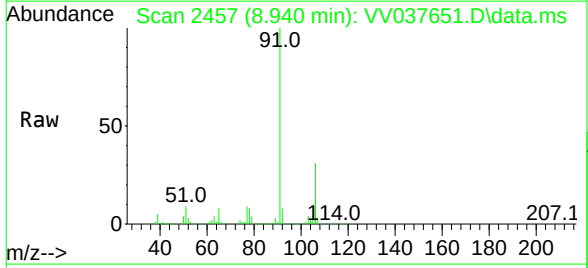




#52
 Ethylbenzene
 Concen: 50.130 ug/L
 RT: 8.940 min Scan# 2457
 Delta R.T. 0.003 min
 Lab File: VV037651.D
 Acq: 30 Sep 2024 13:49

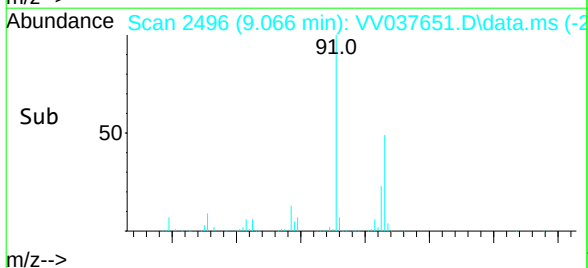
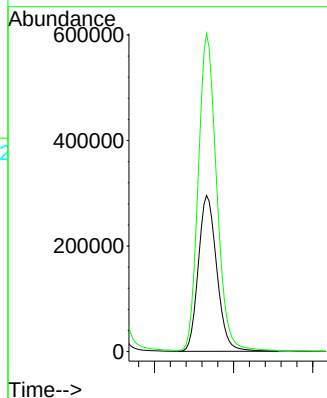
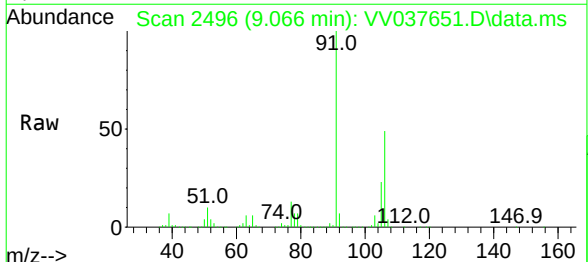
Instrument :
 MSVOA_V
 ClientSampleId :
 E1H08MSD

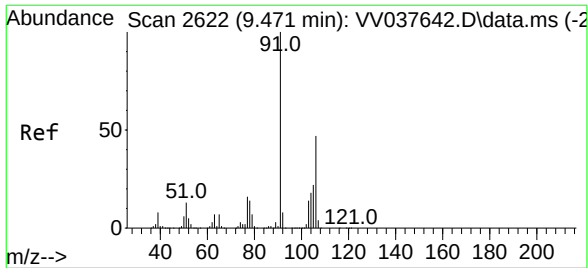
Tgt Ion: 91 Resp: 1207226
 Ion Ratio Lower Upper
 91 100
 106 31.1 21.9 40.7



#53
 m,p-Xylene
 Concen: 53.315 ug/L
 RT: 9.066 min Scan# 2496
 Delta R.T. 0.000 min
 Lab File: VV037651.D
 Acq: 30 Sep 2024 13:49

Tgt Ion: 106 Resp: 477845
 Ion Ratio Lower Upper
 106 100
 91 203.6 142.0 263.6

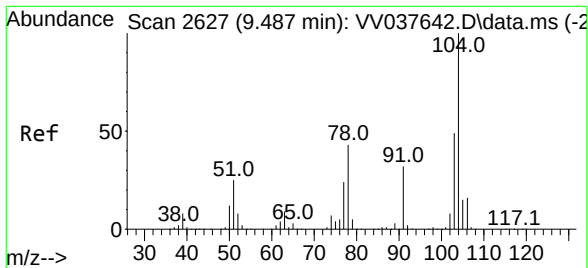
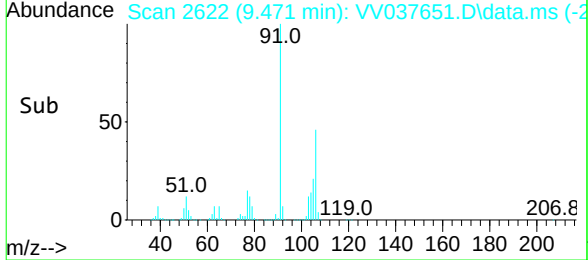
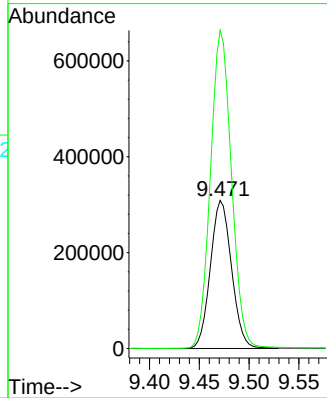
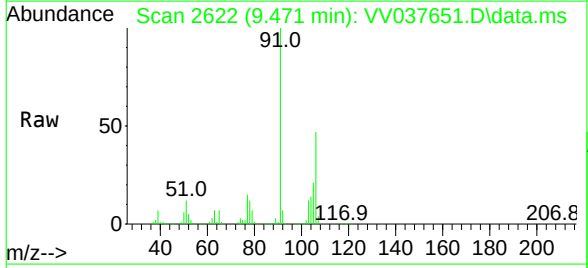




#54
o-Xylene
Concen: 52.205 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

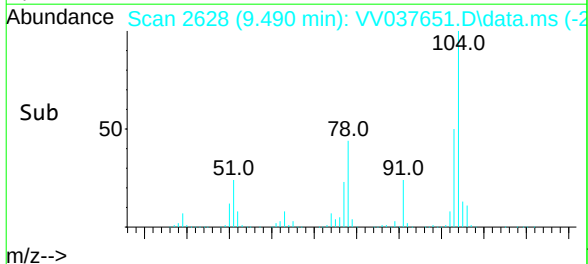
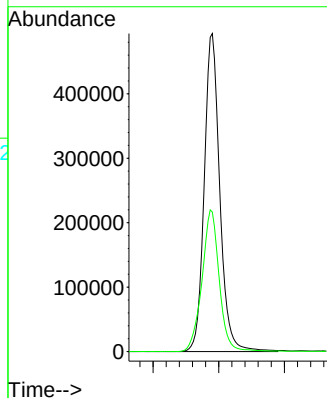
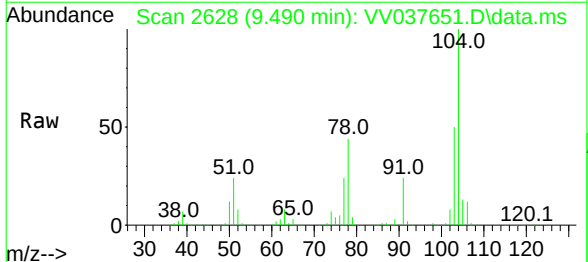
Instrument :
MSVOA_V
ClientSampleId :
E1H08MSD

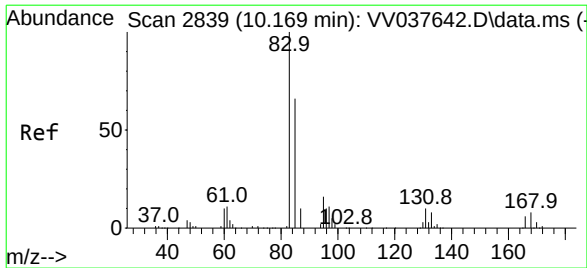
Tgt Ion:106 Resp: 456803
Ion Ratio Lower Upper
106 100
91 214.9 153.9 285.9



#55
Styrene
Concen: 53.421 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion:104 Resp: 813744
Ion Ratio Lower Upper
104 100
78 43.9 30.0 55.6

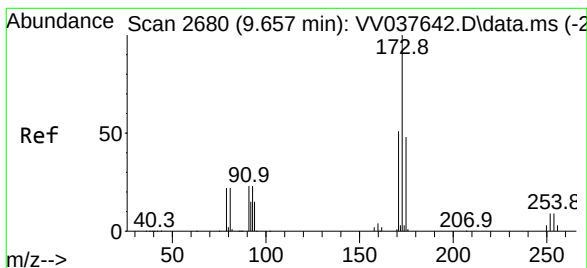
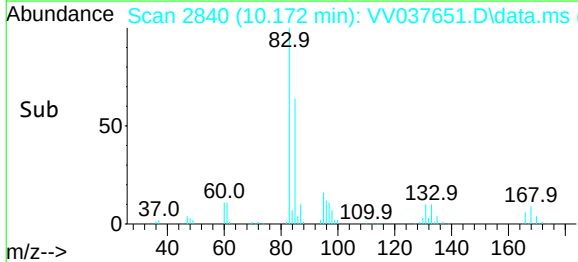
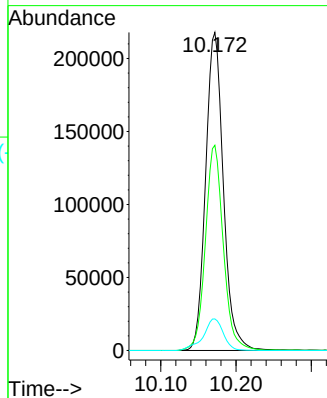
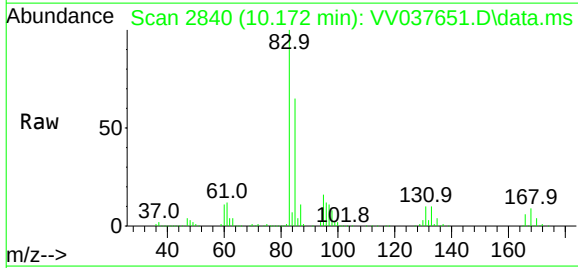




#57
1,1,2,2-Tetrachloroethane
Concen: 50.070 ug/L
RT: 10.172 min Scan# 2839
Delta R.T. 0.003 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

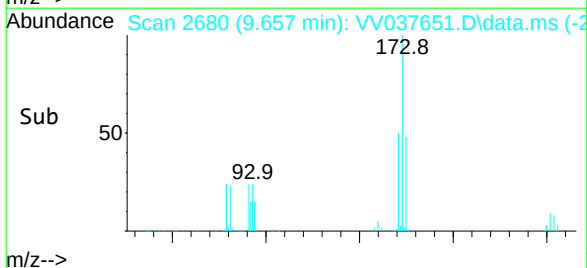
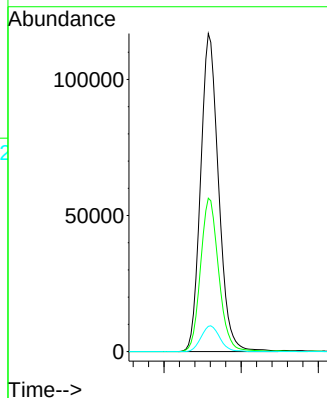
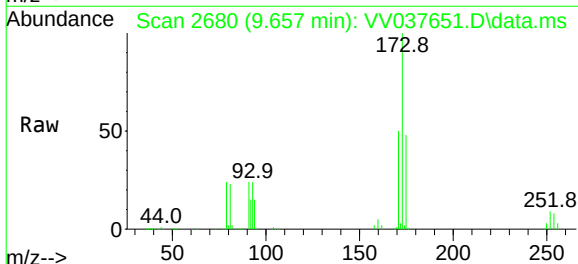
Instrument :
MSVOA_V
ClientSampleId :
E1H08MSD

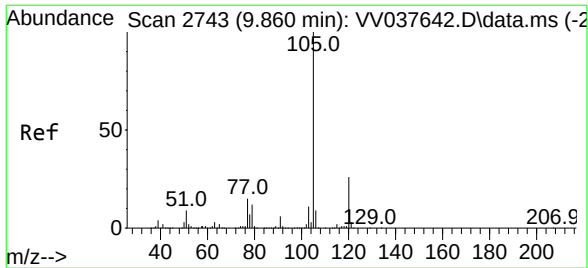
Tgt Ion:	83	Resp:	357203
Ion	Ratio	Lower	Upper
83	100		
85	64.5	45.9	85.3
131	9.9	7.9	11.9



#59
Bromoform
Concen: 51.268 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion:	173	Resp:	189290
Ion	Ratio	Lower	Upper
173	100		
175	48.6	40.0	60.0
254	8.4	6.5	9.7

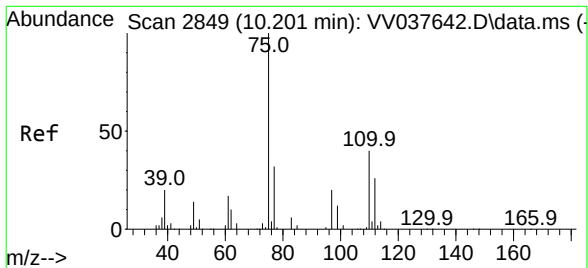
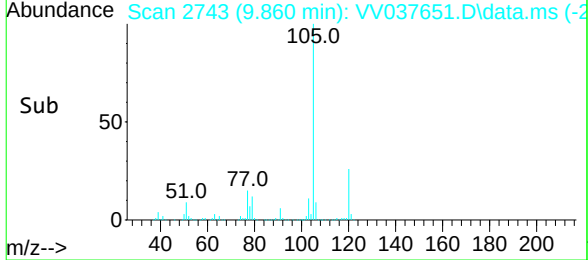
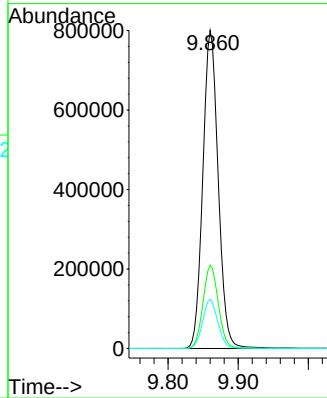
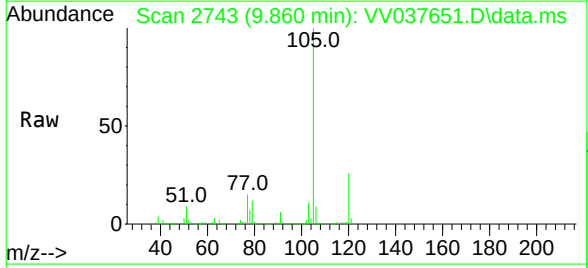




#60
Isopropylbenzene
Concen: 49.542 ug/L
RT: 9.860 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

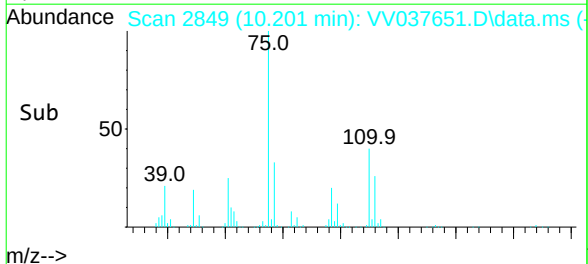
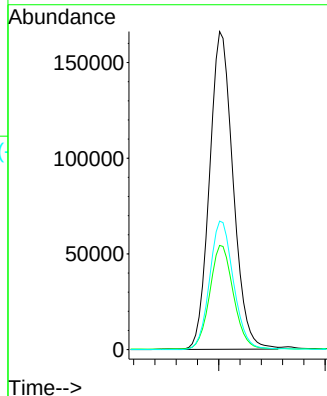
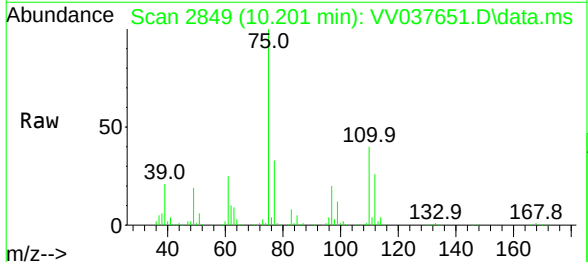
Instrument :
MSVOA_V
ClientSampleId :
E1H08MSD

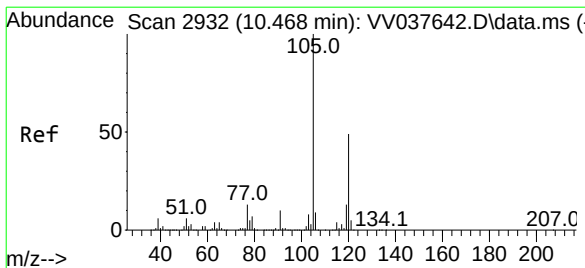
Tgt Ion:105 Resp: 1216736
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1
77 15.3 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 47.612 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV037651.D
Acq: 30 Sep 2024 13:49

Tgt Ion: 75 Resp: 255934
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
110 41.0 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 51.003 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Instrument :

MSVOA_V

ClientSampleId :

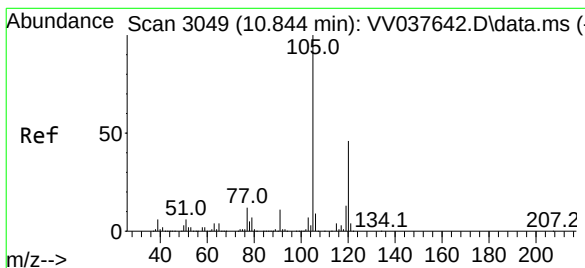
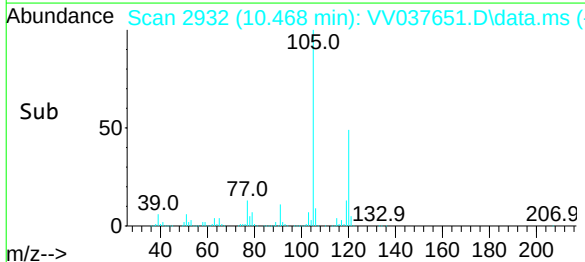
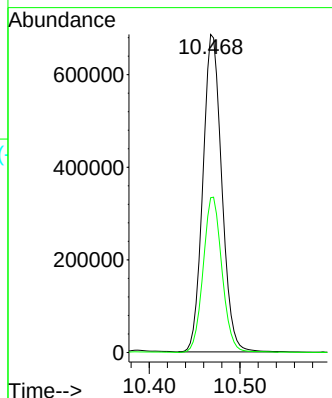
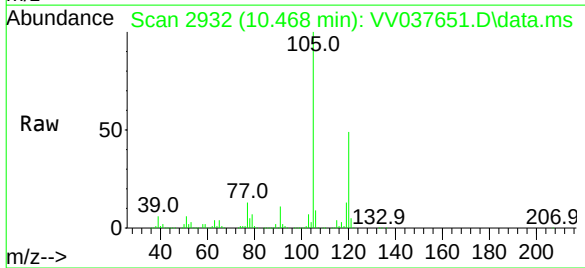
E1H08MSD

Tgt Ion:105 Resp: 990329

Ion Ratio Lower Upper

105 100

120 48.9 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 52.132 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037651.D

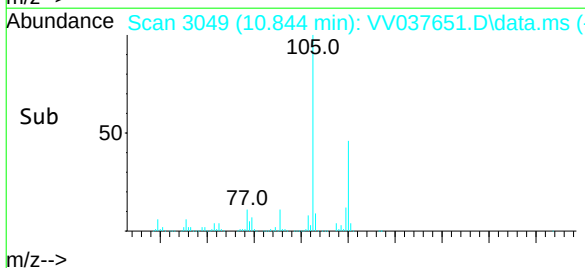
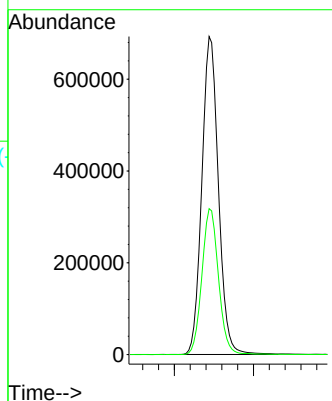
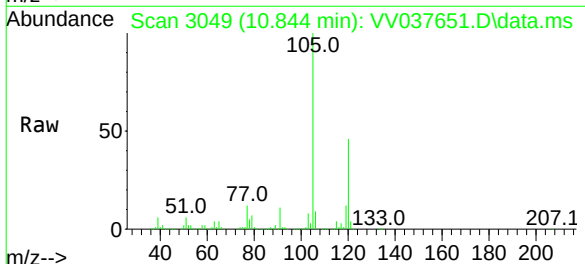
Acq: 30 Sep 2024 13:49

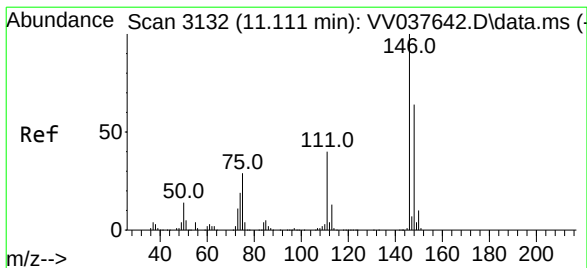
Tgt Ion:105 Resp: 1007162

Ion Ratio Lower Upper

105 100

120 45.6 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 49.894 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Instrument :

MSVOA_V

ClientSampleId :

E1H08MSD

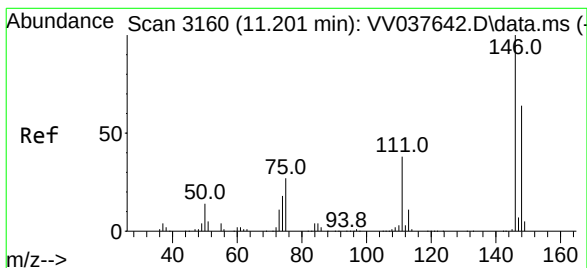
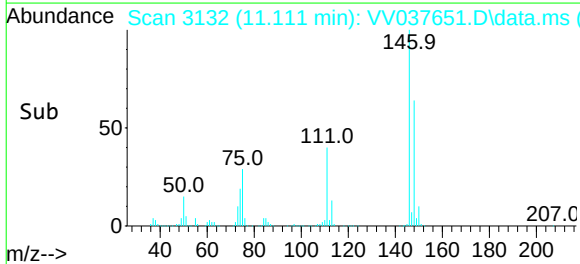
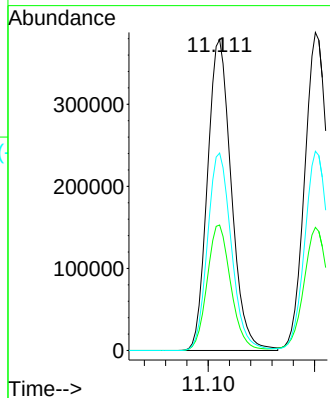
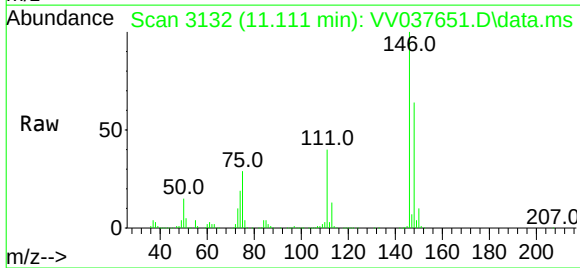
Tgt Ion:146 Resp: 589820

Ion Ratio Lower Upper

146 100

111 40.4 28.3 52.5

148 63.5 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 50.004 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

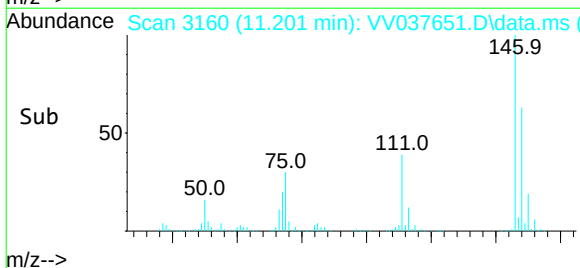
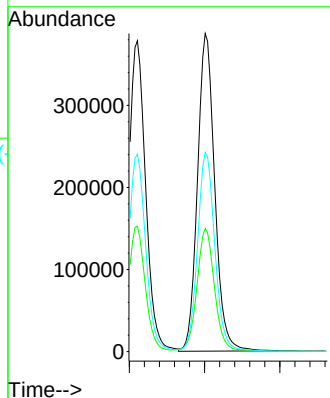
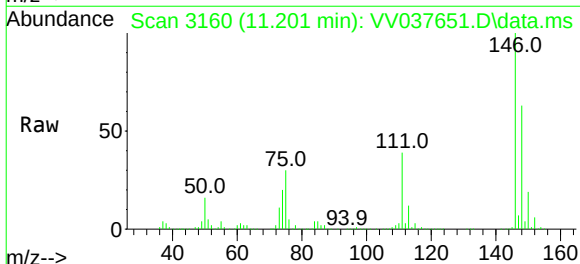
Tgt Ion:146 Resp: 615519

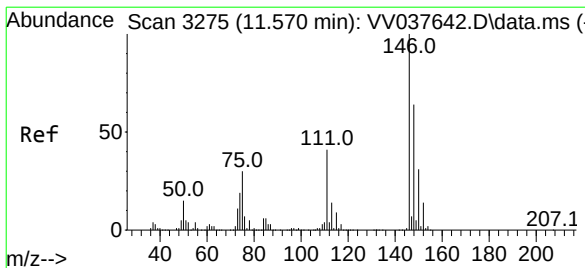
Ion Ratio Lower Upper

146 100

111 38.7 27.6 51.4

148 62.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 49.763 ug/L

RT: 11.571 min Scan# 3275

Delta R.T. 0.000 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Instrument :

MSVOA_V

ClientSampleId :

E1H08MSD

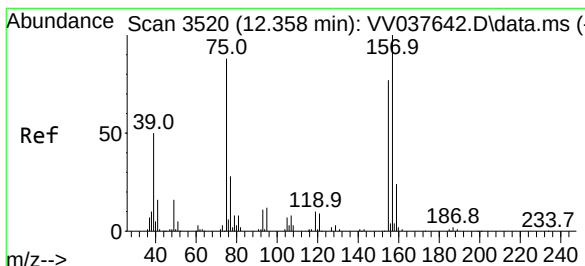
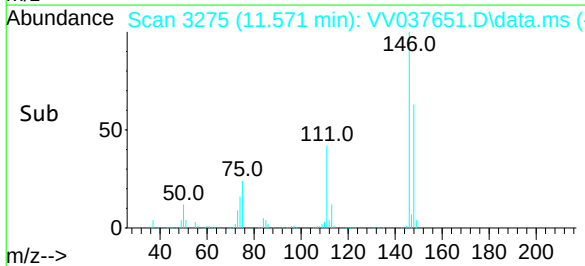
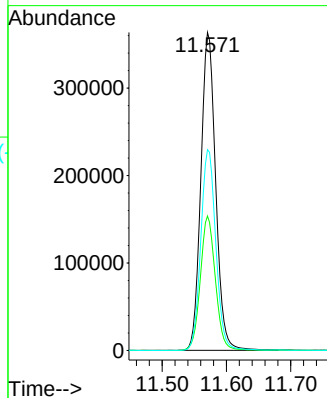
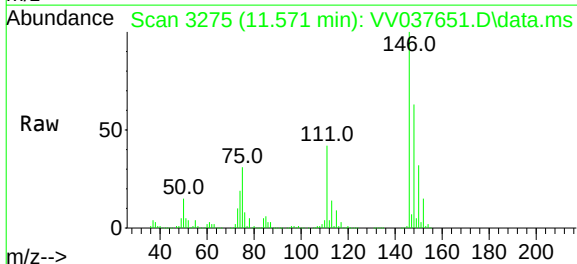
Tgt Ion:146 Resp: 581536

Ion Ratio Lower Upper

146 100

111 42.3 34.2 51.2

148 63.1 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 47.910 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

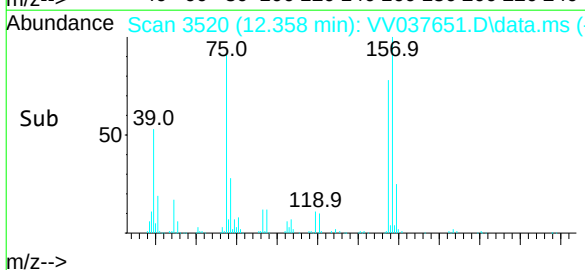
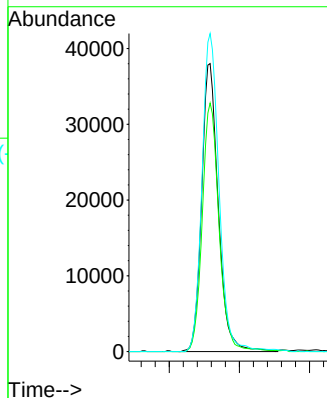
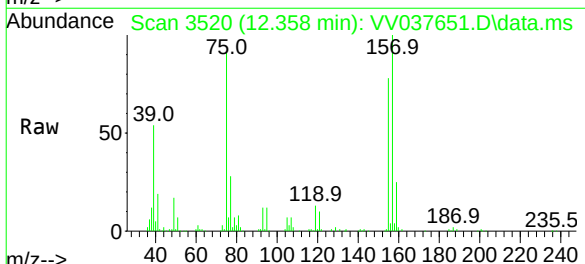
Tgt Ion: 75 Resp: 62515

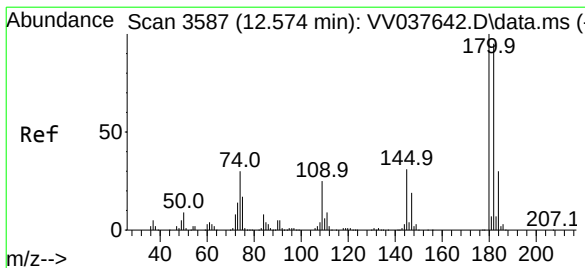
Ion Ratio Lower Upper

75 100

155 86.3 66.2 99.4

157 110.4 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 49.381 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Instrument :

MSVOA_V

ClientSampleId :

E1H08MSD

Tgt Ion:180 Resp: 401438

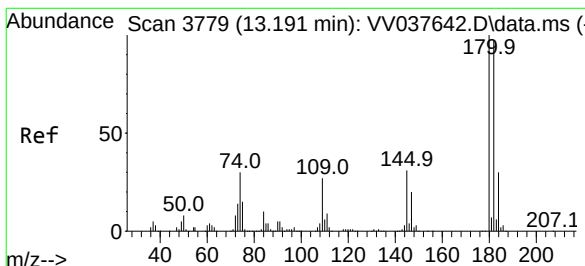
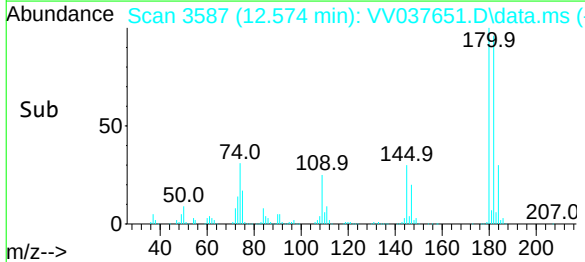
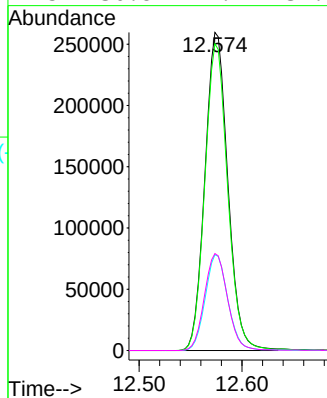
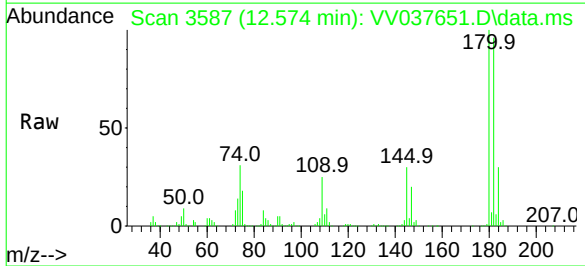
Ion Ratio Lower Upper

180 100

182 95.8 75.6 113.4

184 29.7 23.8 35.6

145 30.8 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 49.180 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

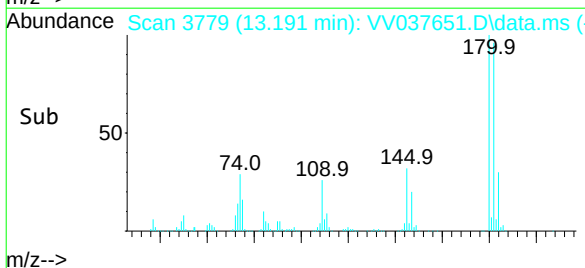
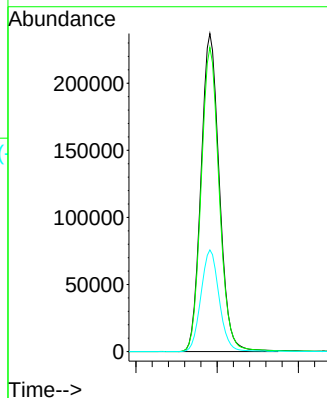
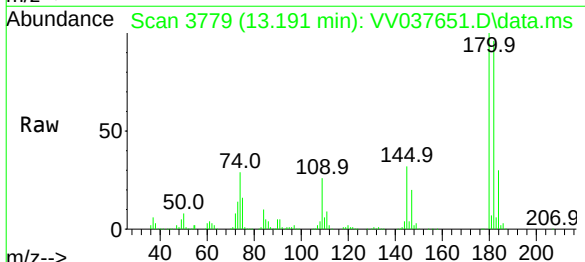
Tgt Ion:180 Resp: 370935

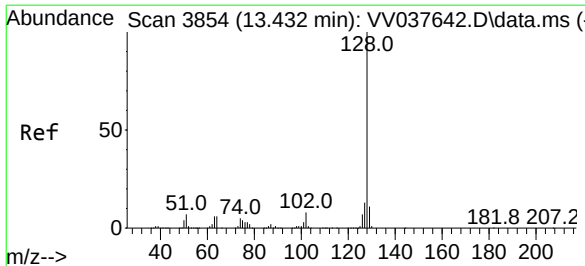
Ion Ratio Lower Upper

180 100

182 94.5 75.9 113.9

145 31.8 25.4 38.2





#71

Naphthalene

Concen: 49.955 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

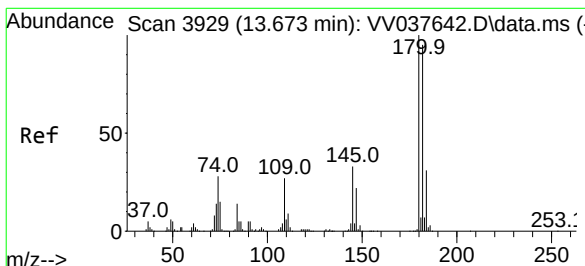
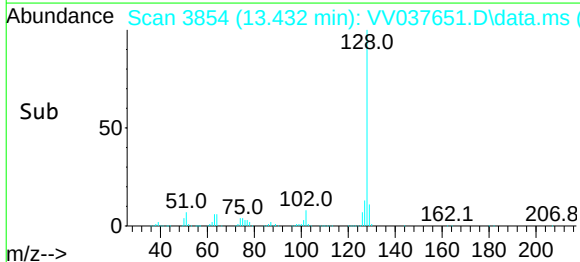
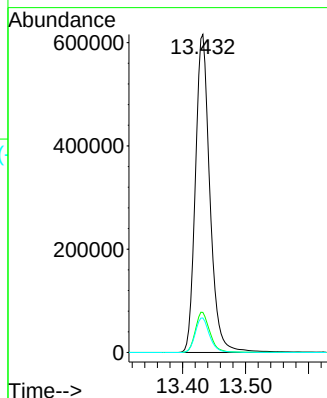
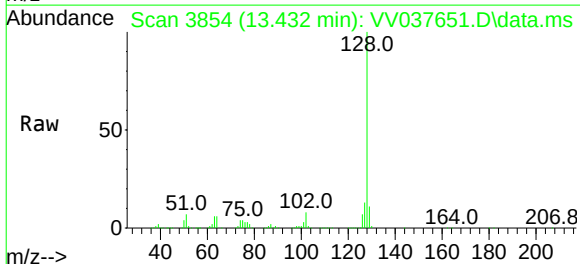
Instrument :

MSVOA_V

ClientSampleId :

E1H08MSD

Tgt Ion:	128	Resp:	984408
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: 49.593 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037651.D

Acq: 30 Sep 2024 13:49

Tgt Ion:	180	Resp:	369386
Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.8	113.8
145	34.1	26.2	39.4

