

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037598.D
 Acq On : 27 Sep 2024 11:58
 Operator : SY/MD
 Sample : P4185-08MSD
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY028MSD

Quant Time: Sep 27 23:47:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 23:45:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	664356	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	642623	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	349815	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	223915	38.394	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.780%
7) Chloroethane-d5	1.532	69	186884	41.283	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.560%
11) 1,1-Dichloroethene-d2	2.060	65	99489	40.832	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.660%
21) 2-Butanone-d5	3.789	46	231187	111.295	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.300%
24) Chloroform-d	4.243	84	497474	47.946	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.900%
26) 1,2-Dichloroethane-d4	4.937	65	289548	47.676	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.360%
32) Benzene-d6	4.953	84	931263	46.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.620%
36) 1,2-Dichloropropane-d6	5.986	67	300672	46.956	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.920%
41) Toluene-d8	7.236	98	881284	48.331	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.660%
43) trans-1,3-Dichloroprop...	7.548	79	148427	49.898	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.800%
47) 2-Hexanone-d5	8.021	63	155097	114.707	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.710%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	388694	52.243	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.480%
66) 1,2-Dichlorobenzene-d4	11.551	152	368125	49.940	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	295292	52.211	ug/L	100
3) Chloromethane	1.217	50	273191	49.754	ug/L	99
5) Vinyl chloride	1.285	62	581706	98.820	ug/L	99
6) Bromomethane	1.487	94	168523	51.587	ug/L	99
8) Chloroethane	1.548	64	360284	99.301	ug/L	100
9) Trichlorofluoromethane	1.712	101	409199	51.643	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	249009	52.590	ug/L	98
12) 1,1-Dichloroethene	2.069	96	296798	67.104	ug/L #	77
13) Acetone	2.111	43	142609	70.032	ug/L	100
14) Carbon disulfide	2.240	76	674293	48.841	ug/L	100
15) Methyl Acetate	2.372	43	183139	51.535	ug/L	99
16) Methylene chloride	2.445	84	250398	50.000	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	278343	59.487	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	703138	52.378	ug/L	99
19) 1,1-Dichloroethane	3.105	63	6304834	703.278	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	7414986	1416.124	ug/L	99
22) 2-Butanone	3.876	43	206231	91.500	ug/L	97
23) Bromochloromethane	4.140	128	133831	49.411	ug/L	98
25) Chloroform	4.272	83	456155	49.144	ug/L	100

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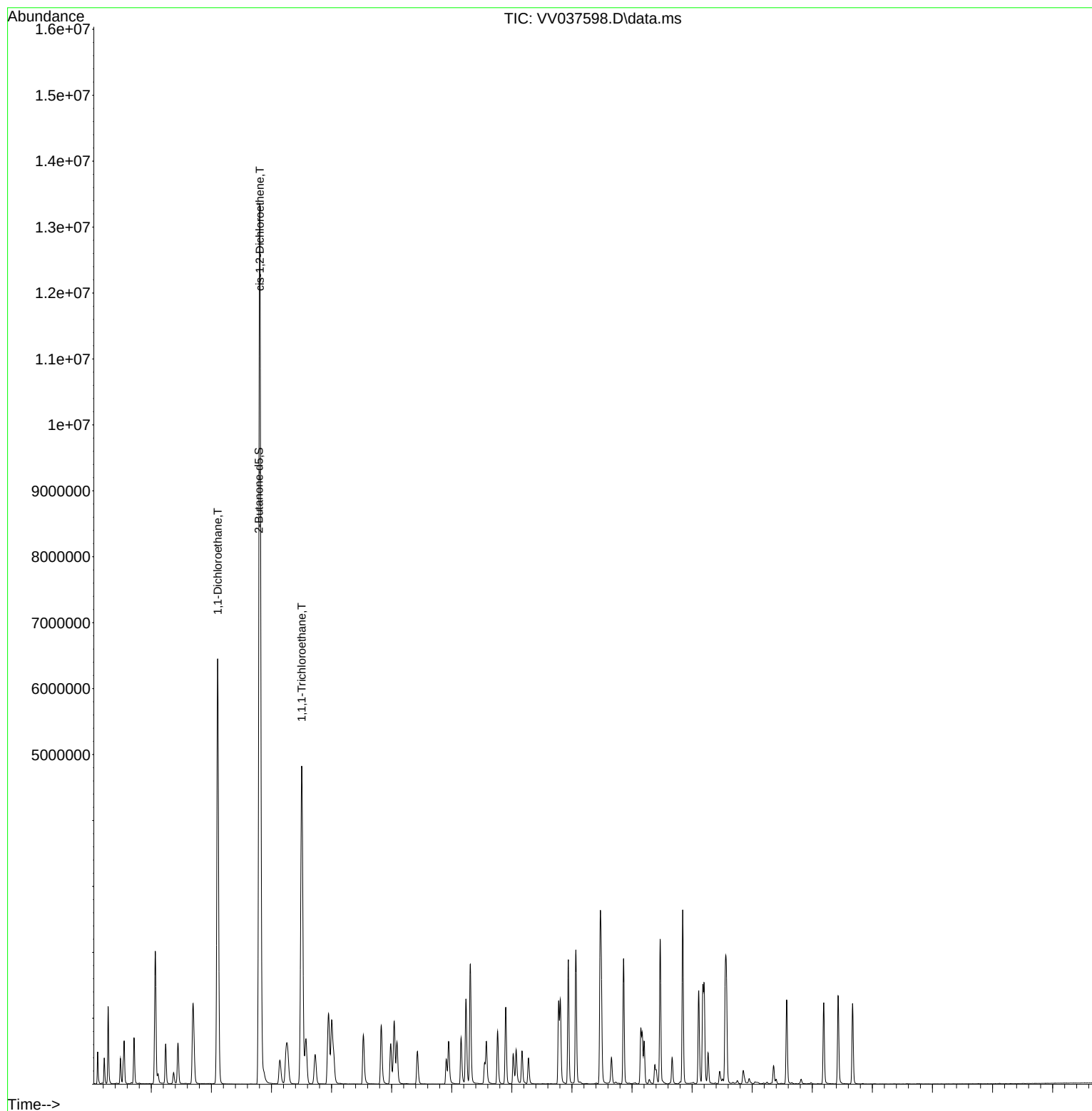
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	355675	54.280	ug/L	98
29) Cyclohexane	4.574	56	373948	51.251	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	4024389	508.468	ug/L	99
31) Carbon tetrachloride	4.728	117	349178	50.744	ug/L	100
33) Benzene	5.005	78	1008702	52.046	ug/L	100
34) Trichloroethene	5.828	95	322261	62.438	ug/L	99
35) Methylcyclohexane	6.043	83	417073	52.528	ug/L	99
37) 1,2-Dichloropropane	6.088	63	256591	51.270	ug/L	99
38) Bromodichloromethane	6.429	83	342643	51.216	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	412716	51.662	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	459300	112.716	ug/L	100
42) Toluene	7.310	91	1344504	66.918	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	377642	52.506	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	252146	52.470	ug/L	99
46) Tetrachloroethene	7.899	164	254026	64.372	ug/L	99
48) 2-Hexanone	8.072	43	320710	101.218	ug/L	99
49) Dibromochloromethane	8.169	129	259927	51.106	ug/L	99
50) 1,2-Dibromoethane	8.278	107	255657	51.467	ug/L	99
51) Chlorobenzene	8.809	112	694642	50.746	ug/L	99
52) Ethylbenzene	8.940	91	1308295	57.847	ug/L	99
53) m,p-Xylene	9.066	106	565770	67.216	ug/L	97
54) o-Xylene	9.471	106	593090	72.173	ug/L	97
55) Styrene	9.490	104	790124	55.232	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	356714	53.242	ug/L	99
59) Bromoform	9.661	173	174437	51.020	ug/L	98
60) Isopropylbenzene	9.860	105	1198582	52.701	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	252485	50.723	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	1162604	64.659	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	1390749	77.738	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	558442	51.014	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	575917	50.524	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	557437	51.511	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	63978	52.948	ug/L	96
69) 1,3,5-Trichlorobenzene	12.574	180	383049	50.884	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	361945	51.822	ug/L	100
71) Naphthalene	13.432	128	1073781	58.844	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	354577	51.408	ug/L	98

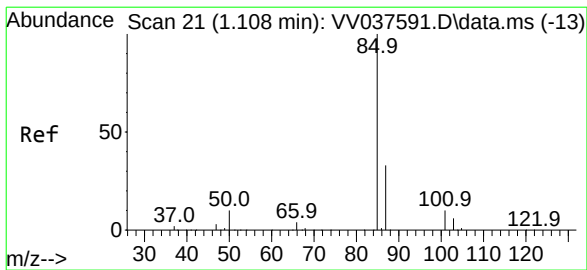
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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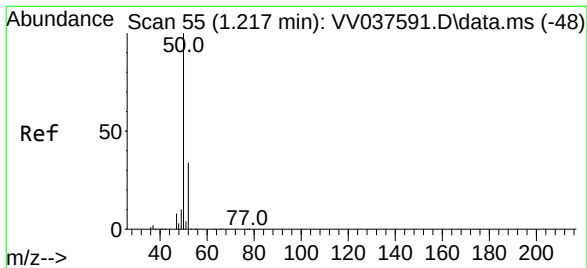
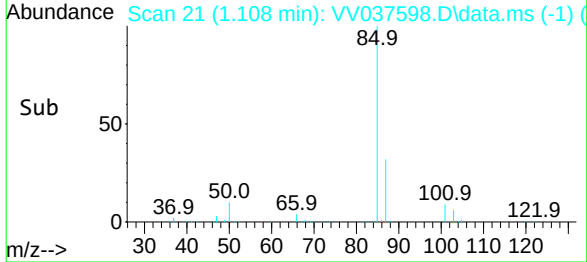
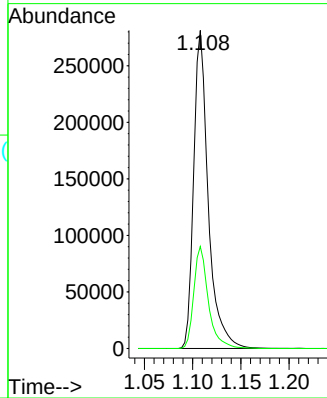
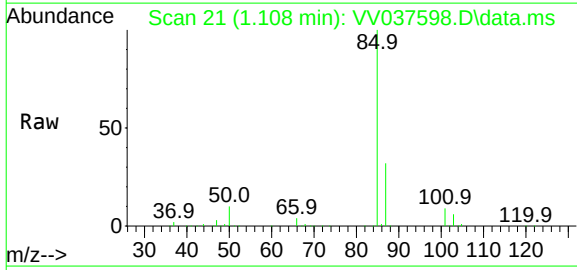




#2
 Dichlorodifluoromethane
 Concen: 52.211 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037598.D
 Acq: 27 Sep 2024 11:58

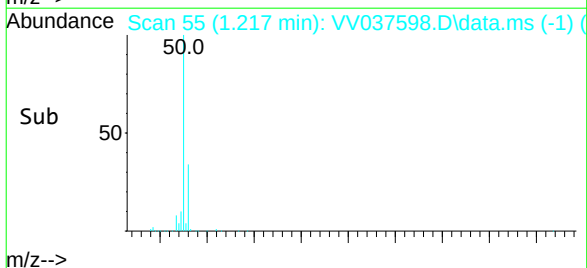
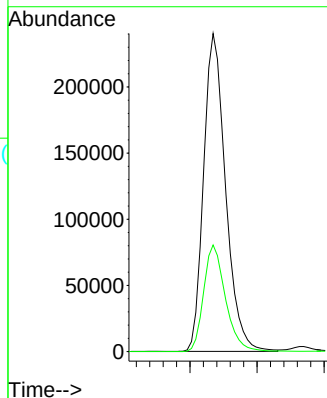
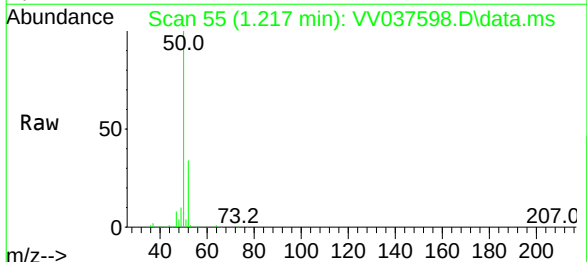
Instrument :
 MSVOA_V
 ClientSampleId :
 EY028MSD

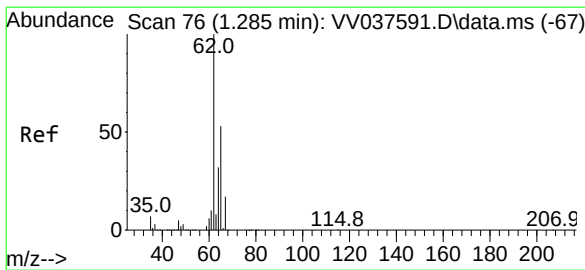
Tgt Ion: 85 Resp: 295292
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.8



#3
 Chloromethane
 Concen: 49.754 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037598.D
 Acq: 27 Sep 2024 11:58

Tgt Ion: 50 Resp: 273191
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.2 43.2





#5

Vinyl chloride

Concen: 98.820 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV037598.D

Acq: 27 Sep 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

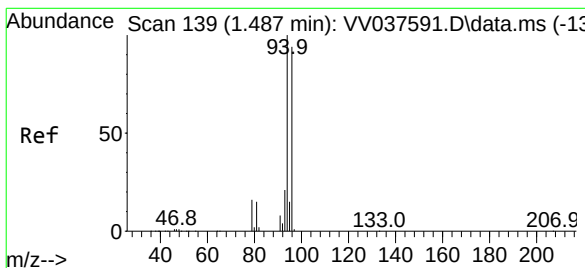
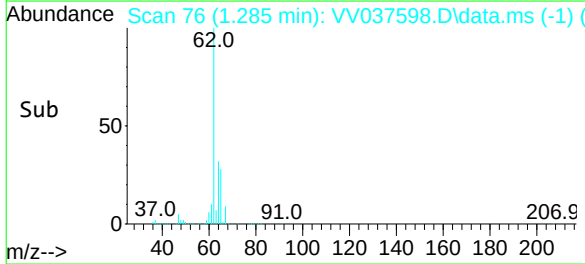
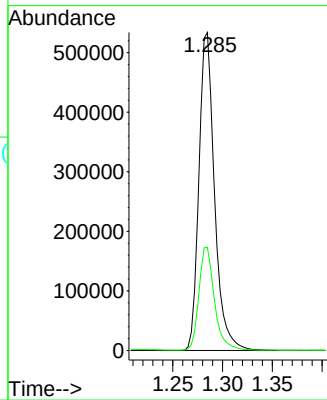
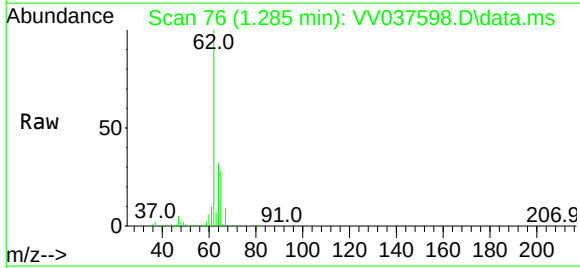
EY028MSD

Tgt Ion: 62 Resp: 581706

Ion Ratio Lower Upper

62 100

64 32.5 23.2 43.0



#6

Bromomethane

Concen: 51.587 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV037598.D

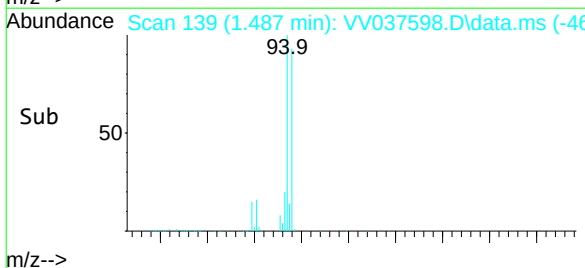
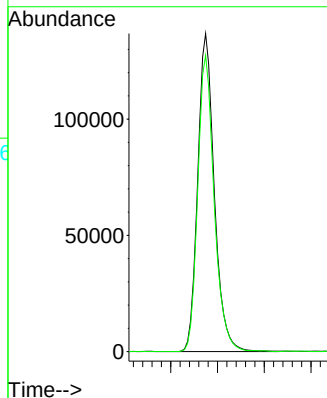
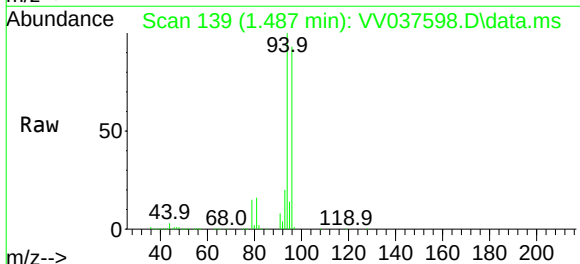
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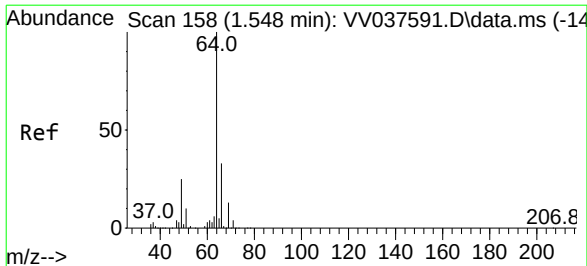
Tgt Ion: 94 Resp: 168523

Ion Ratio Lower Upper

94 100

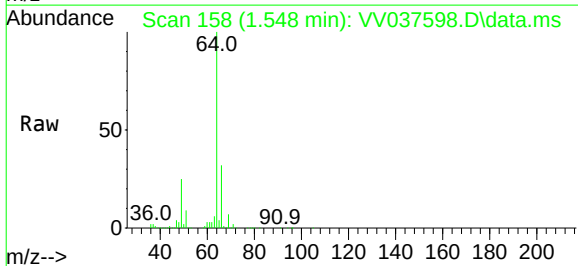
96 93.1 65.8 122.2



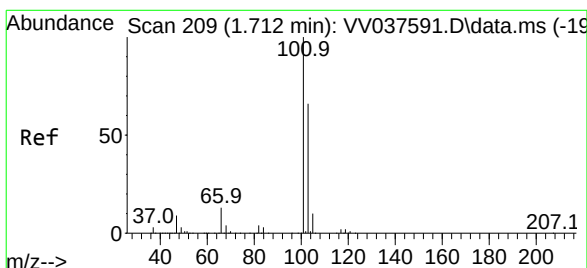
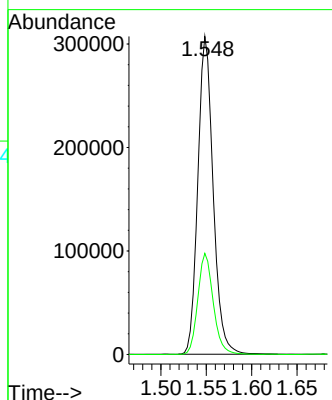
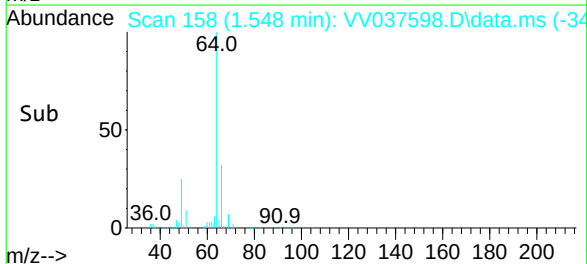


#8
Chloroethane
Concen: 99.301 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037598.D
Acq: 27 Sep 2024 11:58

Instrument :
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ClientSampleId :
EY028MSD

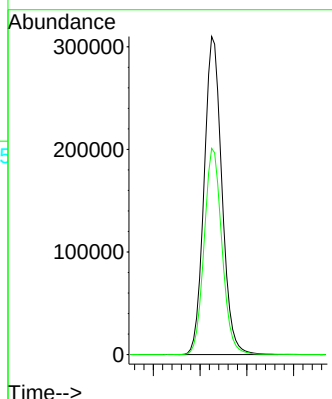
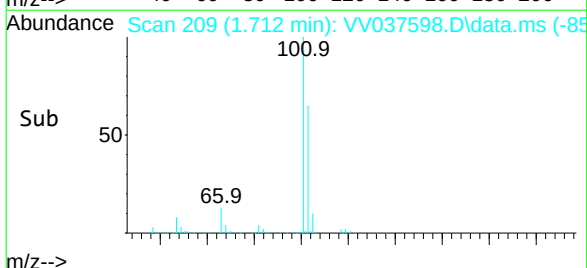
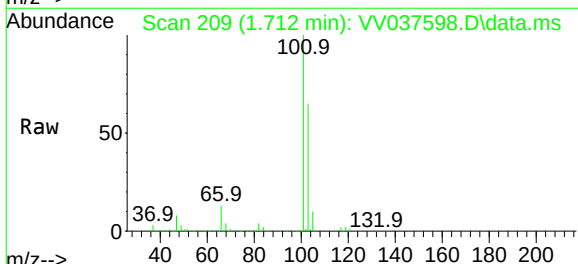


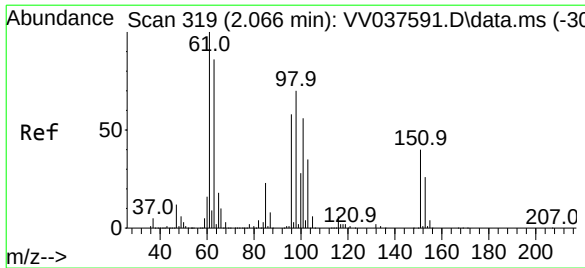
Tgt Ion: 64 Resp: 360284
Ion Ratio Lower Upper
64 100
66 31.8 22.2 41.2



#9
Trichlorofluoromethane
Concen: 51.643 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037598.D
Acq: 27 Sep 2024 11:58

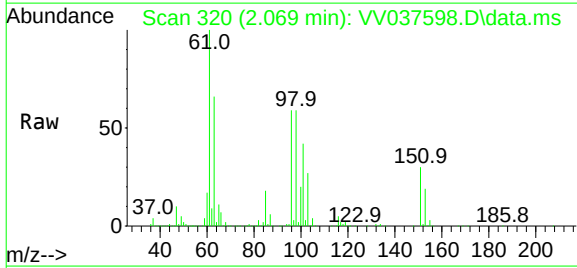
Tgt Ion: 101 Resp: 409199
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.4



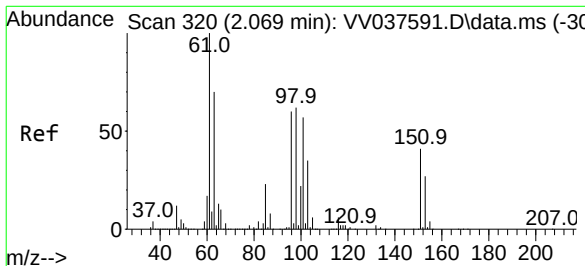
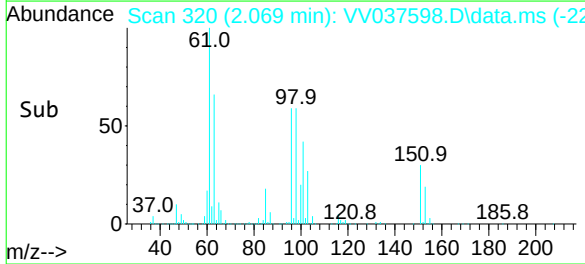
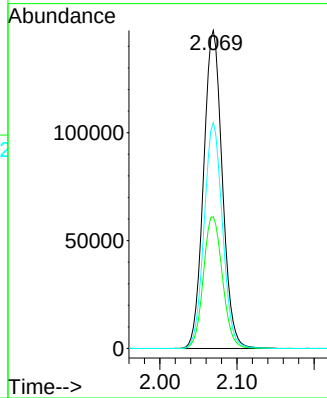


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.590 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.003 min
Lab File: VV037598.D
Acq: 27 Sep 2024 11:58

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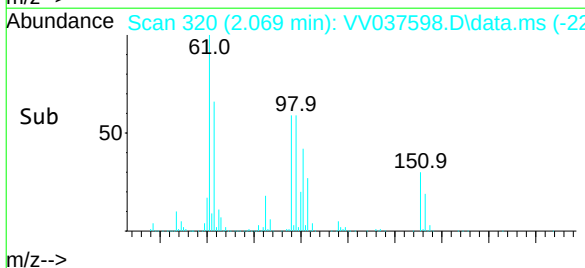
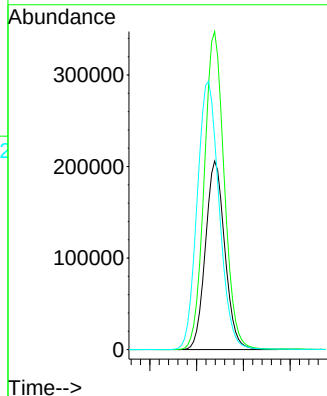
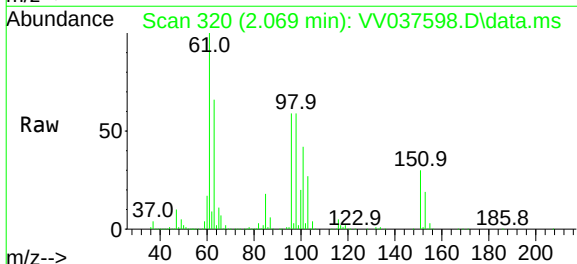


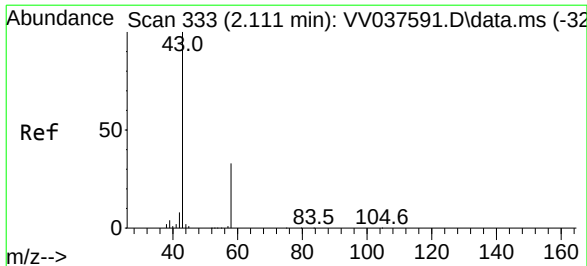
Tgt Ion: 101 Resp: 249009
Ion Ratio Lower Upper
101 100
85 42.1 34.6 52.0
151 69.6 57.5 86.3



#12
1,1-Dichloroethene
Concen: 67.104 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV037598.D
Acq: 27 Sep 2024 11:58

Tgt Ion: 96 Resp: 296798
Ion Ratio Lower Upper
96 100
61 168.6 122.6 227.6
63 112.1 118.0 219.2#





#13

Acetone

Concen: 70.032 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV037598.D

Acq: 27 Sep 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

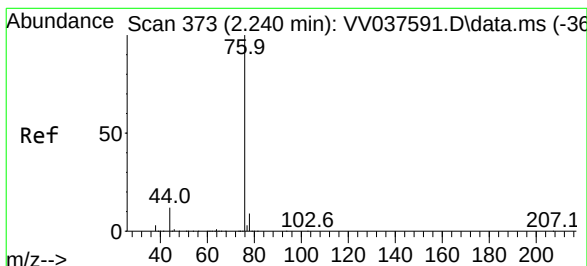
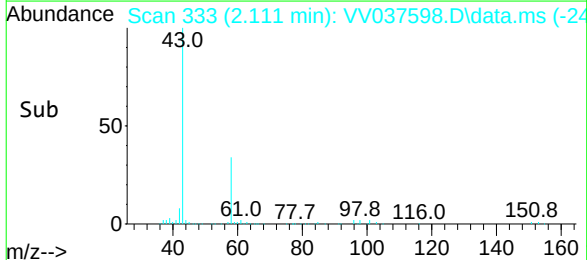
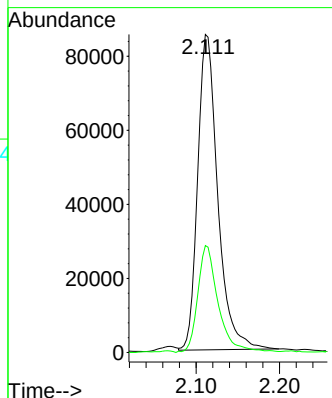
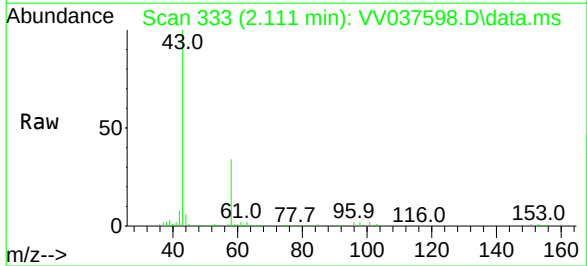
EY028MSD

Tgt Ion: 43 Resp: 142609

Ion Ratio Lower Upper

43 100

58 33.3 0.0 66.6



#14

Carbon disulfide

Concen: 48.841 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV037598.D

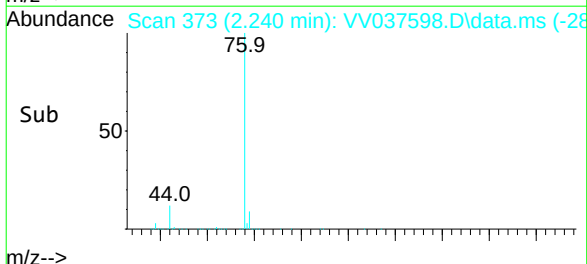
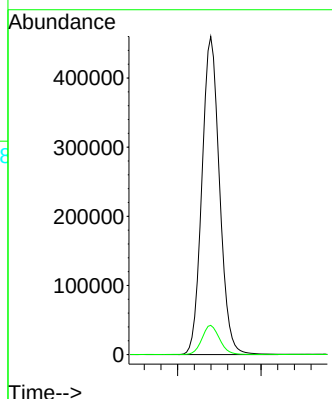
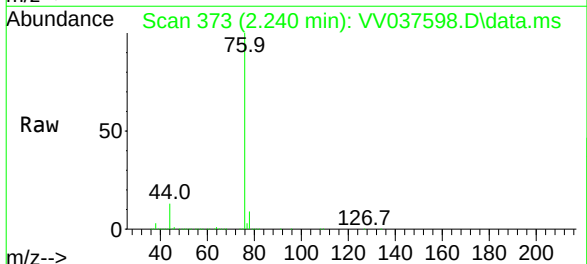
Acq: 27 Sep 2024 11:58

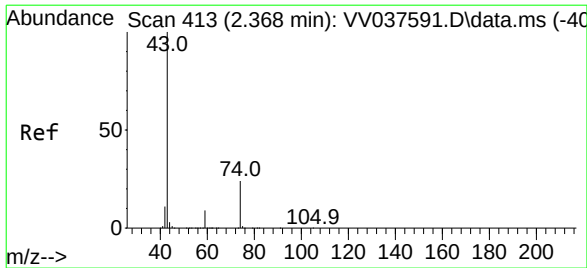
Tgt Ion: 76 Resp: 674293

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

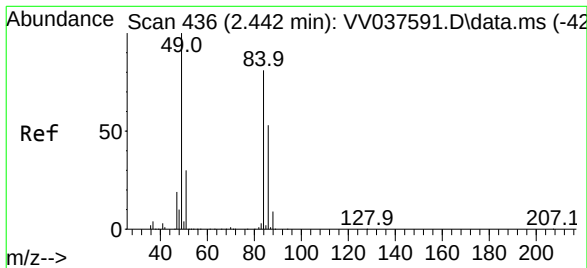
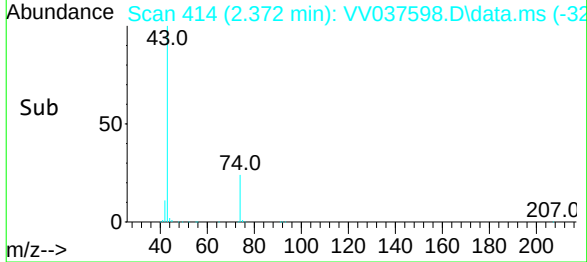
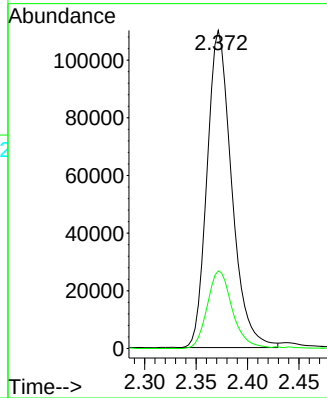
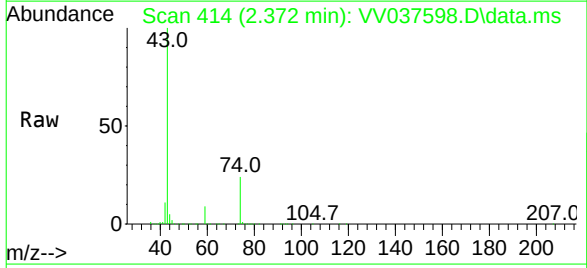




#15
Methyl Acetate
Concen: 51.535 ug/L
RT: 2.372 min Scan# 413
Delta R.T. 0.003 min
Lab File: VV037598.D
Acq: 27 Sep 2024 11:58

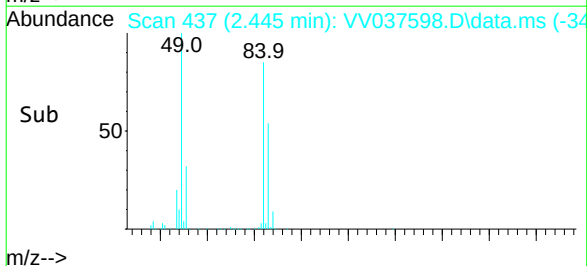
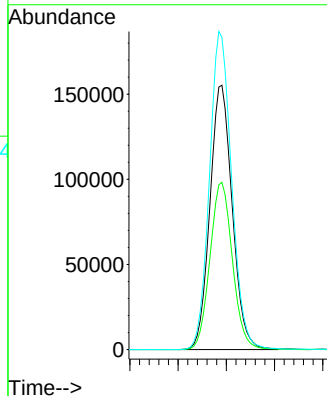
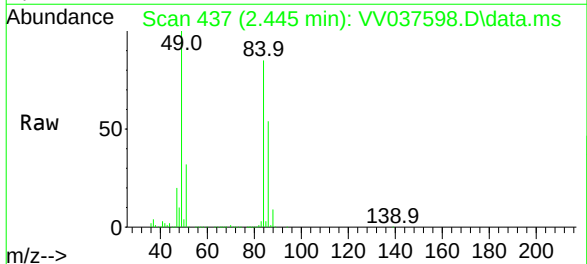
Instrument :
MSVOA_V
ClientSampleId :
EY028MSD

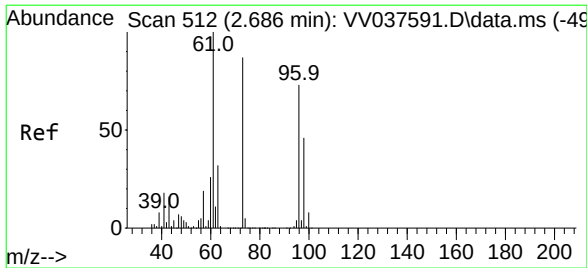
Tgt Ion: 43 Resp: 183139
Ion Ratio Lower Upper
43 100
74 24.9 19.4 29.0



#16
Methylene chloride
Concen: 50.000 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV037598.D
Acq: 27 Sep 2024 11:58

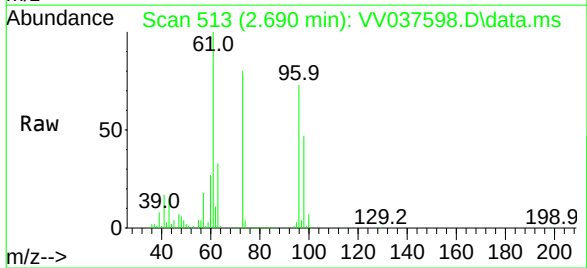
Tgt Ion: 84 Resp: 250398
Ion Ratio Lower Upper
84 100
86 63.3 46.4 86.2
49 118.1 85.9 159.5



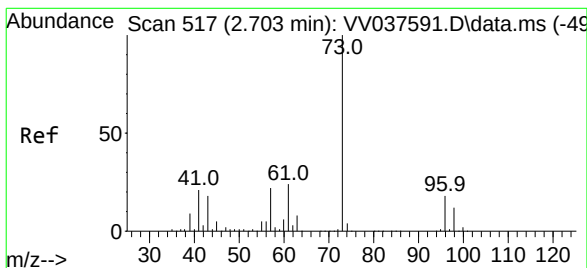
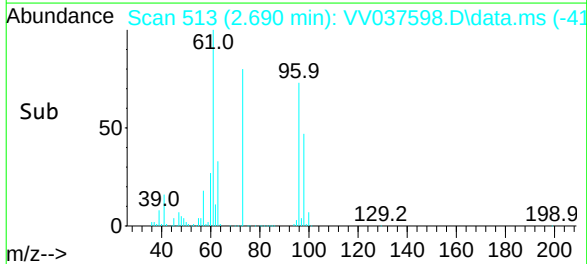
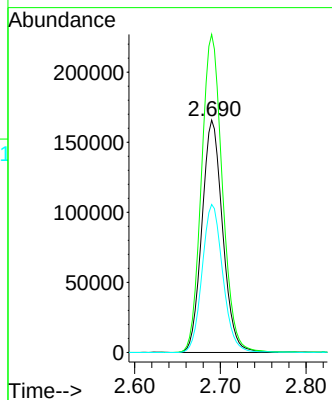


#17
trans-1,2-Dichloroethene
Concen: 59.487 ug/L
RT: 2.690 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV037598.D
Acq: 27 Sep 2024 11:58

Instrument :
MSVOA_V
ClientSampleId :
EY028MSD

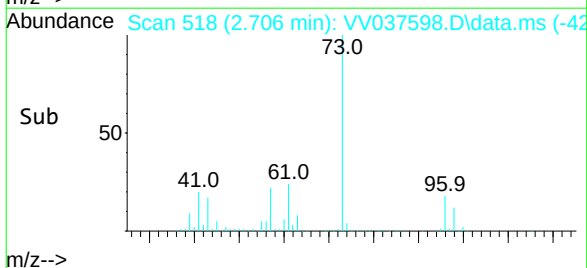
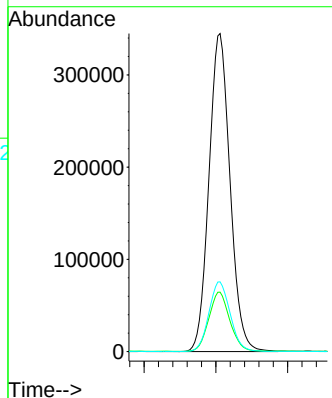
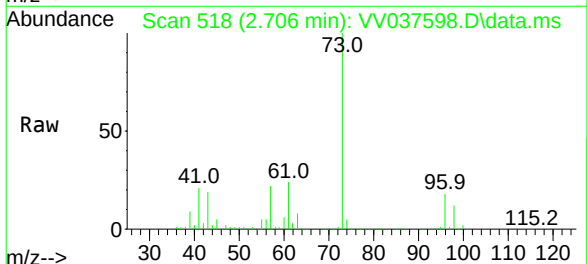


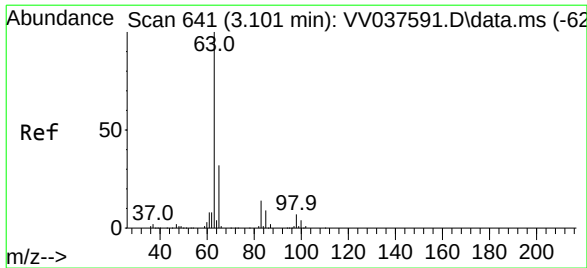
Tgt Ion:	96	Resp:	278343
Ion	Ratio	Lower	Upper
96	100		
61	136.9	97.3	180.7
98	63.7	43.9	81.5



#18
Methyl tert-butyl Ether
Concen: 52.378 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV037598.D
Acq: 27 Sep 2024 11:58

Tgt Ion:	73	Resp:	703138
Ion	Ratio	Lower	Upper
73	100		
43	18.6	15.1	22.7
57	22.1	17.4	26.2

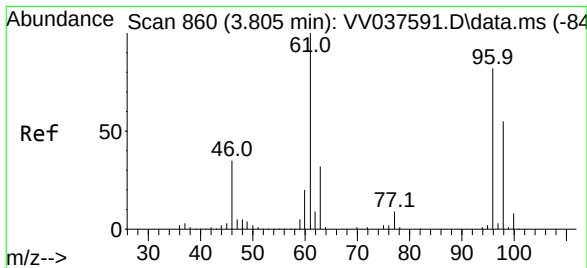
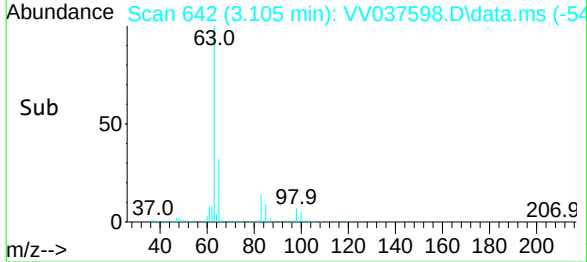
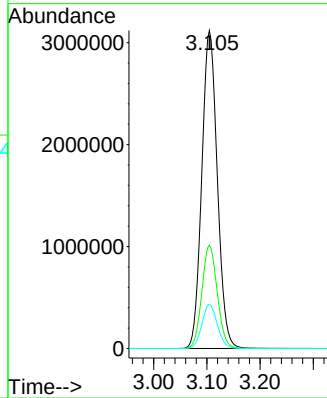
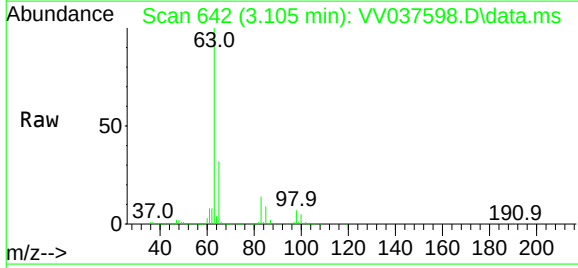




#19
1,1-Dichloroethane
Concen: 703.278 ug/L
RT: 3.105 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV037598.D
Acq: 27 Sep 2024 11:58

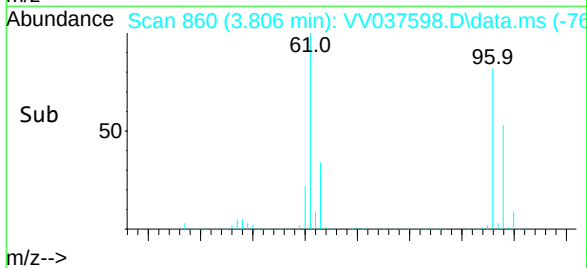
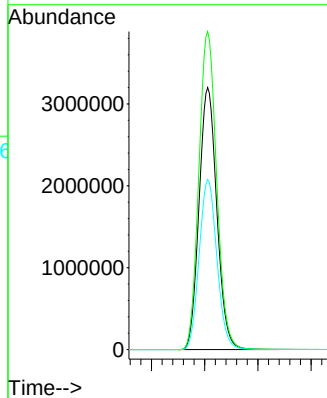
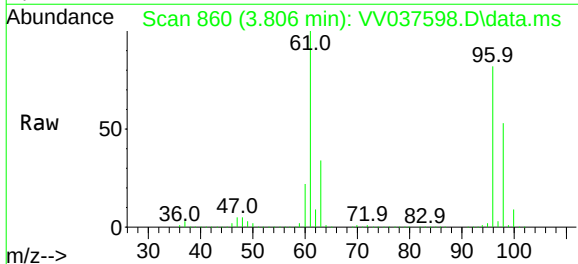
Instrument :
MSVOA_V
ClientSampleId :
EY028MSD

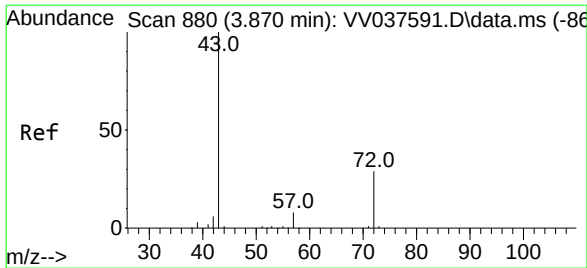
Tgt Ion: 63 Resp: 6304834
Ion Ratio Lower Upper
63 100
65 32.5 22.4 41.6
83 13.9 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 1416.124 ug/L
RT: 3.806 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV037598.D
Acq: 27 Sep 2024 11:58

Tgt Ion: 96 Resp: 7414986
Ion Ratio Lower Upper
96 100
61 121.4 85.0 157.8
98 64.9 44.2 82.0

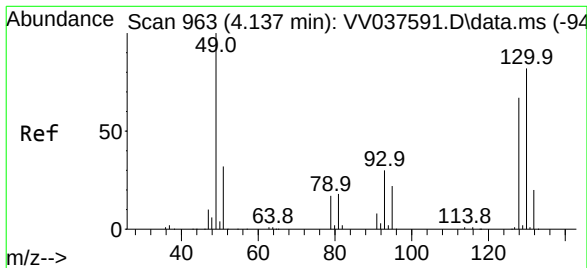
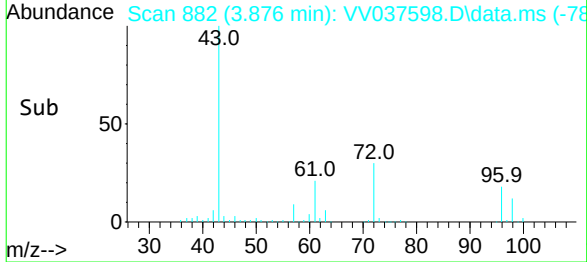
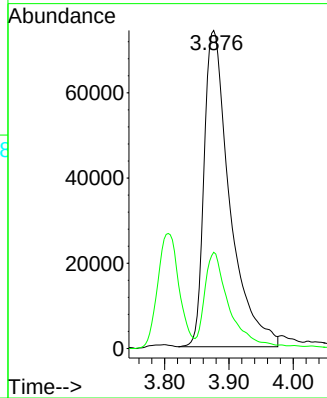
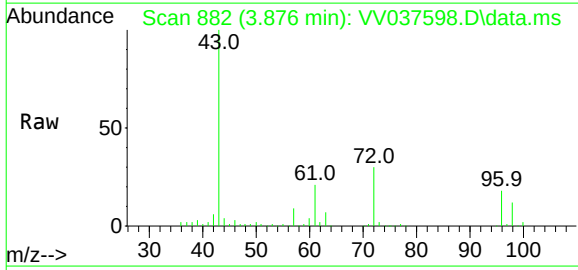




#22
2-Butanone
Concen: 91.500 ug/L
RT: 3.876 min Scan# 880
Delta R.T. 0.007 min
Lab File: VV037598.D
Acq: 27 Sep 2024 11:58

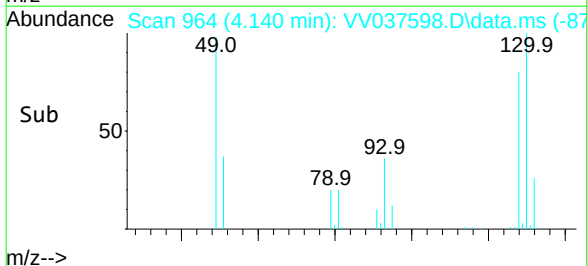
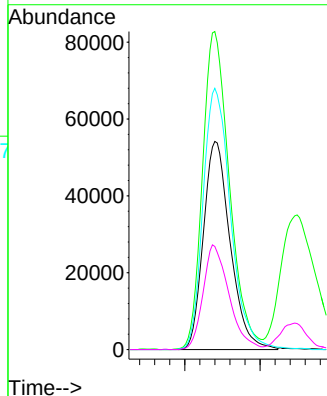
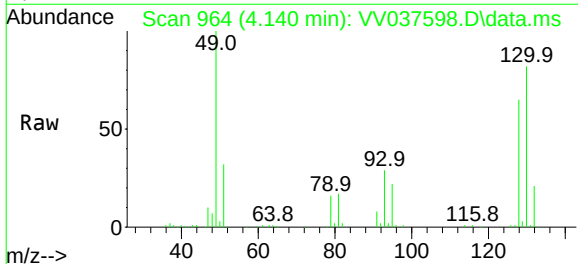
Instrument :
MSVOA_V
ClientSampleId :
EY028MSD

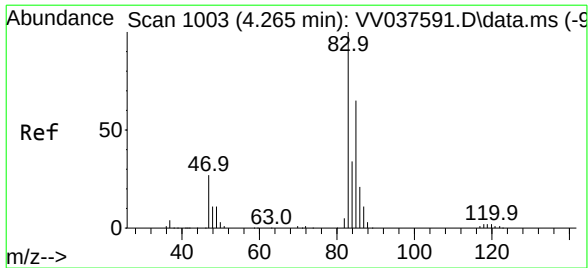
Tgt Ion: 43 Resp: 206231
Ion Ratio Lower Upper
43 100
72 27.0 14.3 42.9



#23
Bromochloromethane
Concen: 49.411 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.003 min
Lab File: VV037598.D
Acq: 27 Sep 2024 11:58

Tgt Ion: 128 Resp: 133831
Ion Ratio Lower Upper
128 100
49 152.8 108.7 201.9
130 125.5 90.4 168.0
51 49.5 39.2 58.8





#25

Chloroform

Concen: 49.144 ug/L

RT: 4.272 min Scan# 10

Delta R.T. 0.007 min

Lab File: VV037598.D

Acq: 27 Sep 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

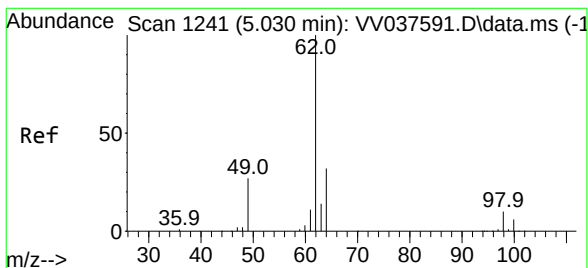
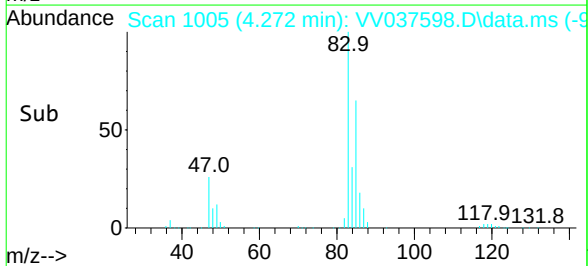
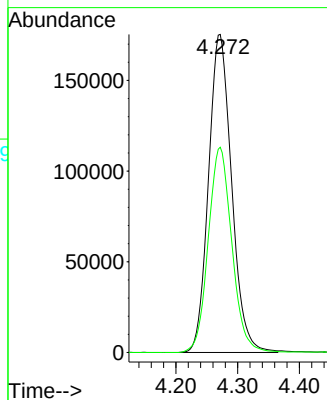
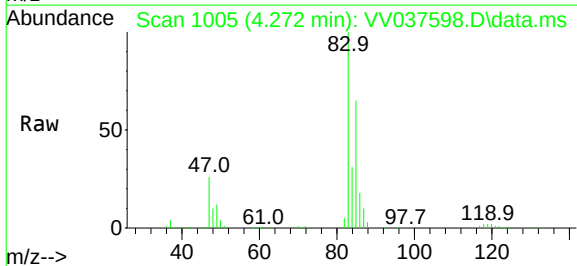
EY028MSD

Tgt Ion: 83 Resp: 456155

Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.7



#27

1,2-Dichloroethane

Concen: 54.280 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.007 min

Lab File: VV037598.D

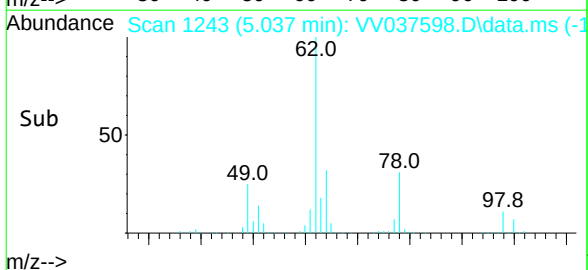
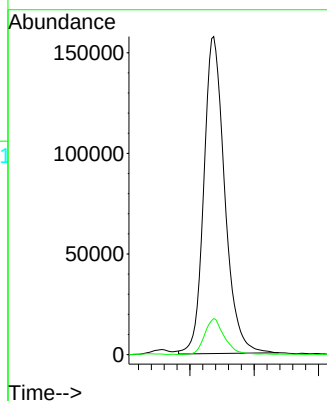
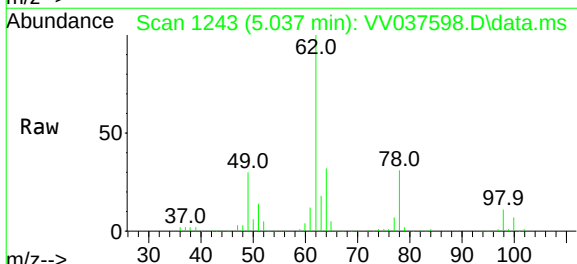
Acq: 27 Sep 2024 11:58

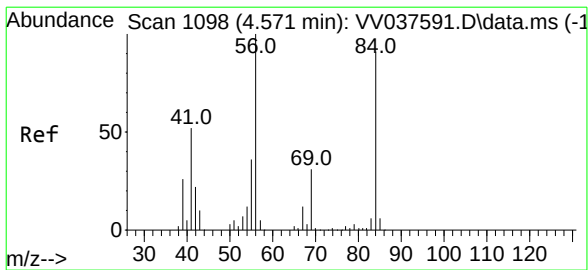
Tgt Ion: 62 Resp: 355675

Ion Ratio Lower Upper

62 100

98 11.3 8.4 12.6





#29

Cyclohexane

Concen: 51.251 ug/L

RT: 4.574 min Scan# 1098

Delta R.T. 0.003 min

Lab File: VV037598.D

Acq: 27 Sep 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

EY028MSD

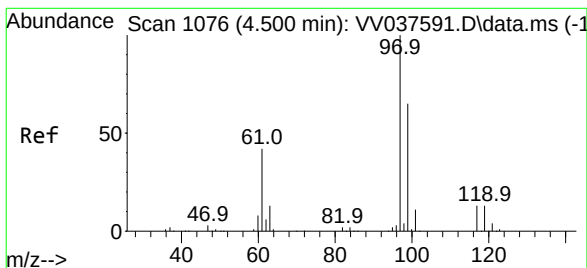
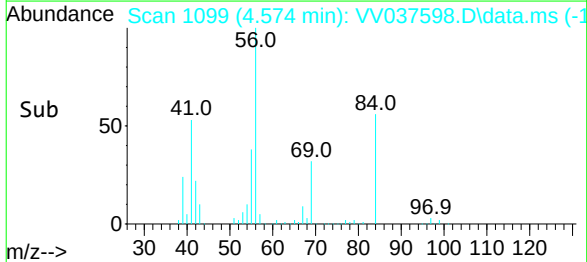
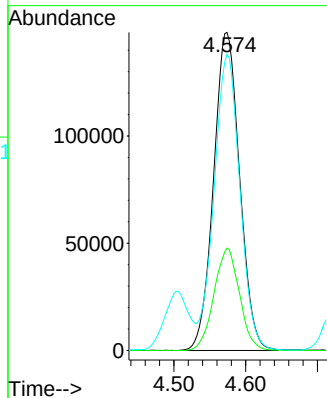
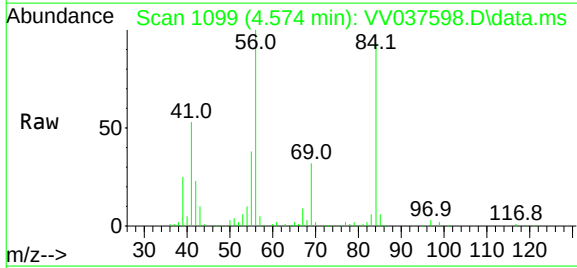
Tgt Ion: 56 Resp: 373948

Ion Ratio Lower Upper

56 100

69 31.5 24.7 37.1

84 92.1 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 508.468 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV037598.D

Acq: 27 Sep 2024 11:58

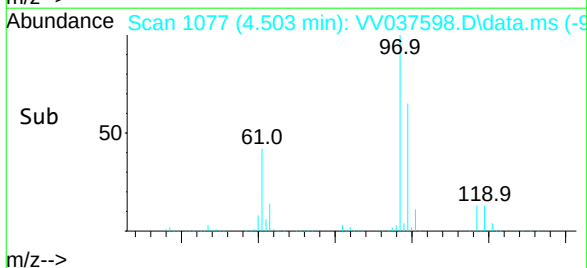
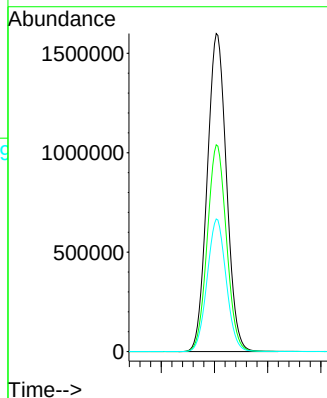
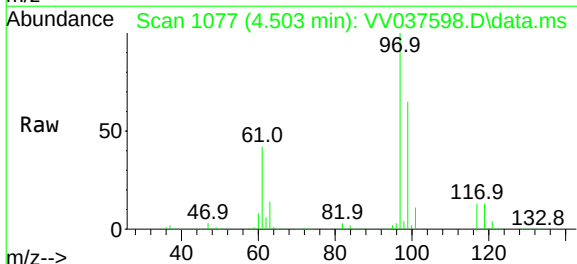
Tgt Ion: 97 Resp: 4024389

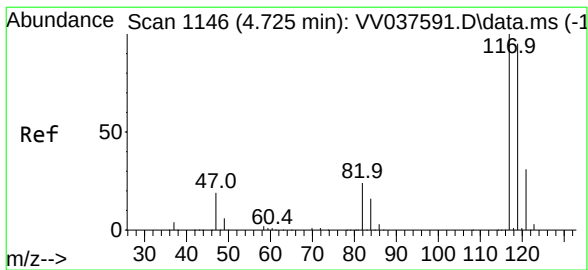
Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.6

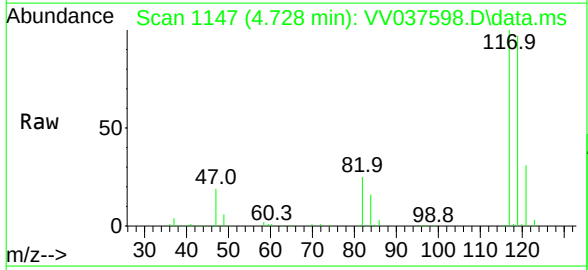
61 41.2 33.6 50.4



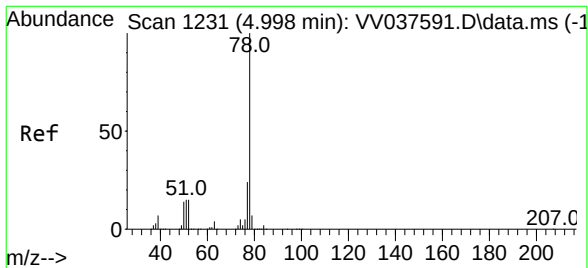
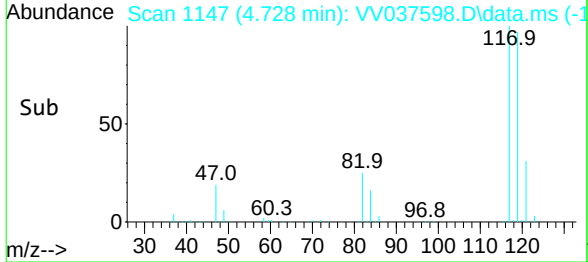
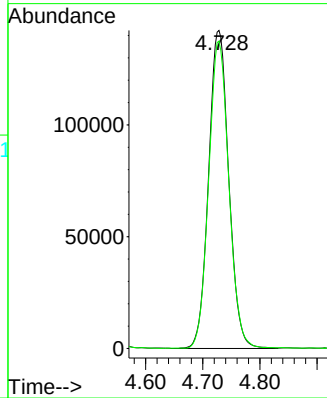


#31
Carbon tetrachloride
Concen: 50.744 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV037598.D
Acq: 27 Sep 2024 11:58

Instrument :
MSVOA_V
ClientSampleId :
EY028MSD

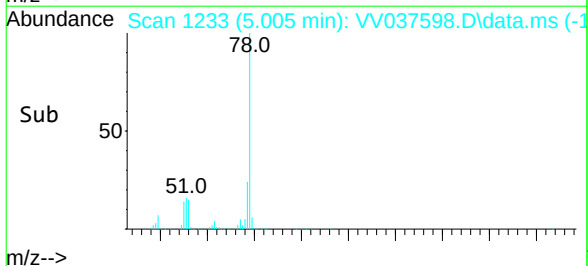
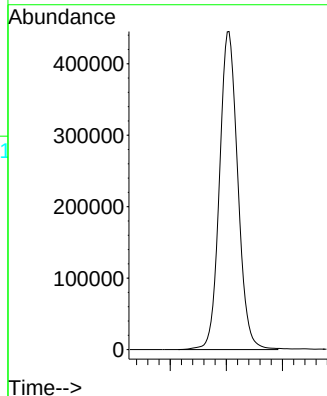
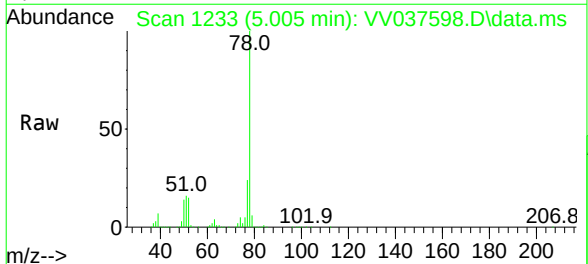


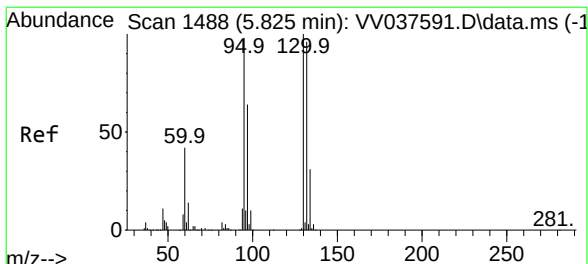
Tgt Ion:117 Resp: 349178
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3



#33
Benzene
Concen: 52.046 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.007 min
Lab File: VV037598.D
Acq: 27 Sep 2024 11:58

Tgt Ion: 78 Resp: 1008702

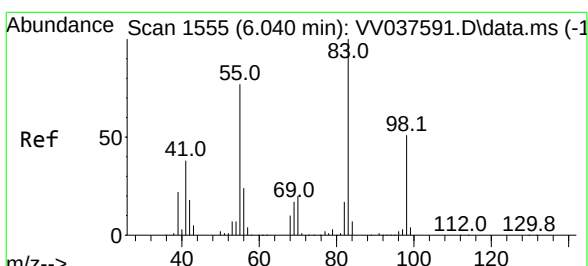
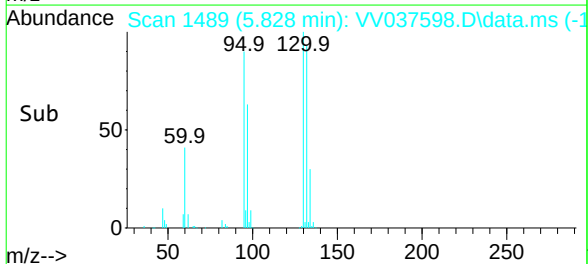
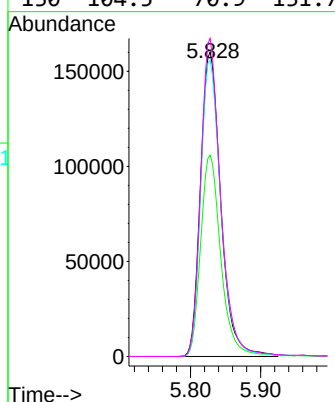
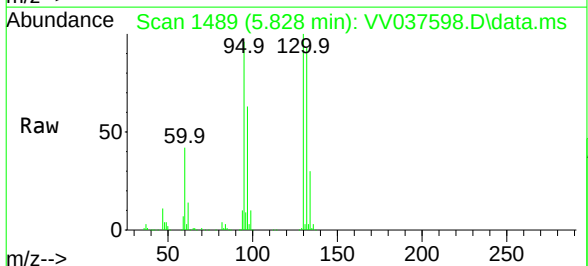




#34
 Trichloroethene
 Concen: 62.438 ug/L
 RT: 5.828 min Scan# 1488
 Delta R.T. 0.003 min
 Lab File: VV037598.D
 Acq: 27 Sep 2024 11:58

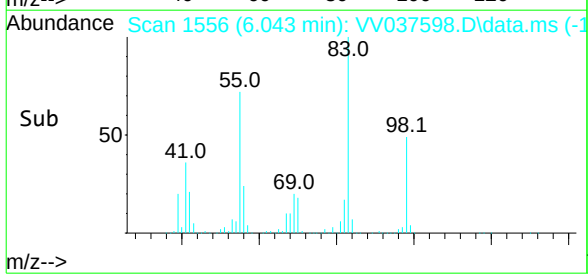
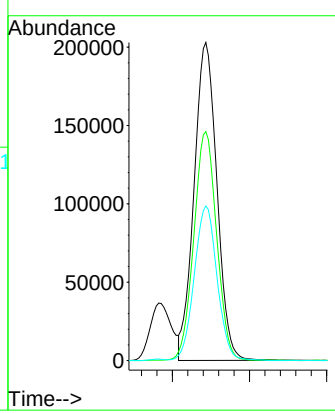
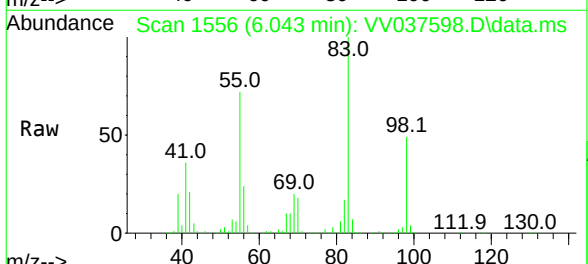
Instrument :
 MSVOA_V
 ClientSampleId :
 EY028MSD

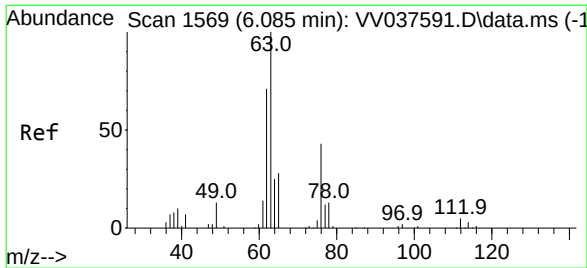
Tgt Ion:	95	Resp:	322261
Ion	Ratio	Lower	Upper
95	100		
97	66.1	46.3	85.9
132	97.3	68.6	127.4
130	104.5	70.9	131.7



#35
 Methylcyclohexane
 Concen: 52.528 ug/L
 RT: 6.043 min Scan# 1556
 Delta R.T. 0.003 min
 Lab File: VV037598.D
 Acq: 27 Sep 2024 11:58

Tgt Ion:	83	Resp:	417073
Ion	Ratio	Lower	Upper
83	100		
55	72.0	57.9	86.9
98	48.7	39.3	58.9

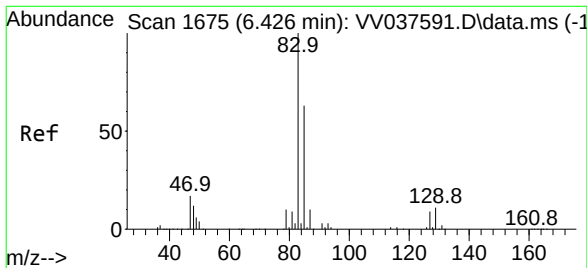
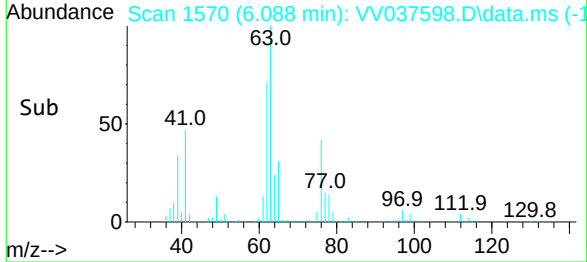
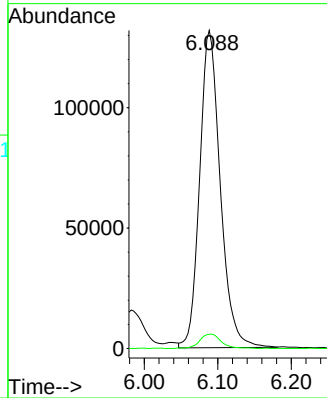
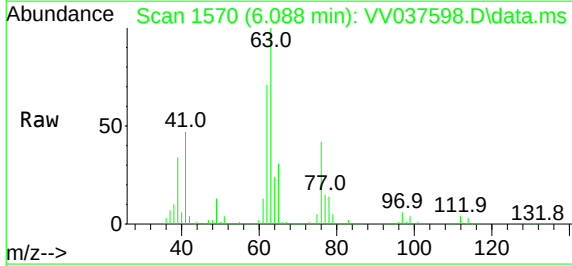




#37
1,2-Dichloropropane
Concen: 51.270 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV037598.D
Acq: 27 Sep 2024 11:58

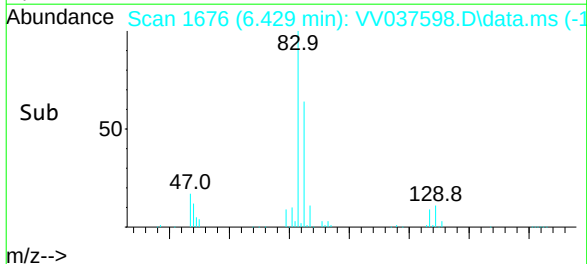
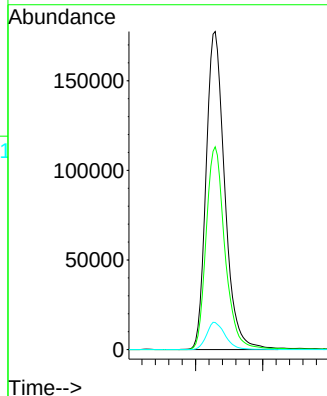
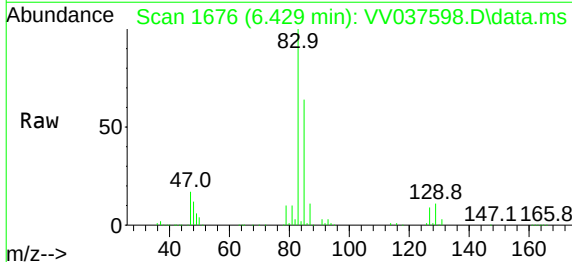
Instrument :
MSVOA_V
ClientSampleId :
EY028MSD

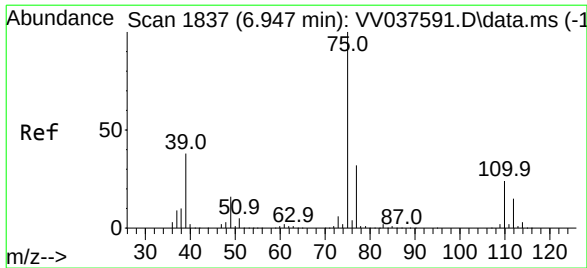
Tgt Ion: 63 Resp: 256591
Ion Ratio Lower Upper
63 100
112 4.7 3.5 5.3



#38
Bromodichloromethane
Concen: 51.216 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV037598.D
Acq: 27 Sep 2024 11:58

Tgt Ion: 83 Resp: 342643
Ion Ratio Lower Upper
83 100
85 63.7 45.7 84.9
127 8.5 7.0 10.4

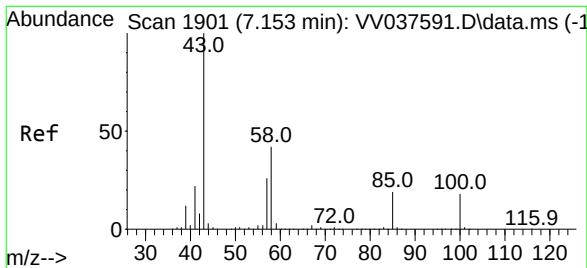
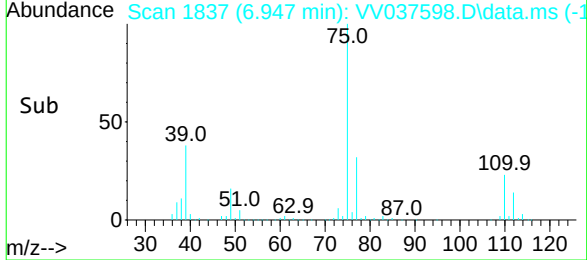
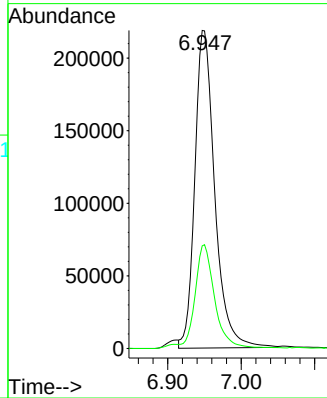
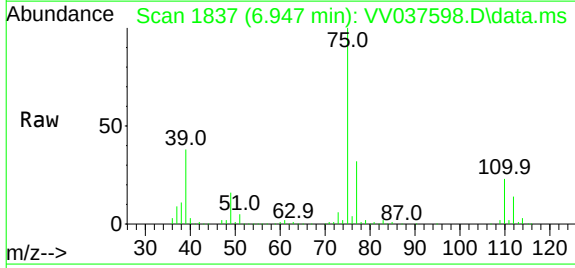




#39
cis-1,3-Dichloropropene
Concen: 51.662 ug/L
RT: 6.947 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VV037598.D
Acq: 27 Sep 2024 11:58

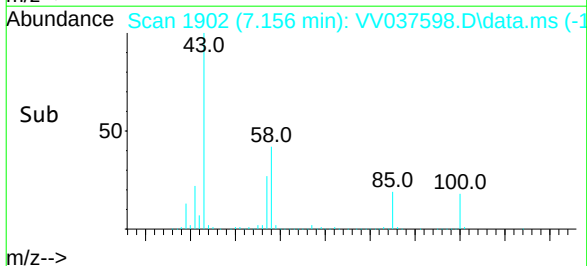
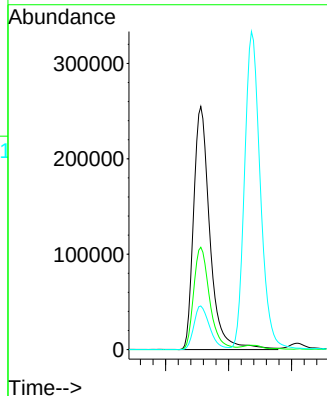
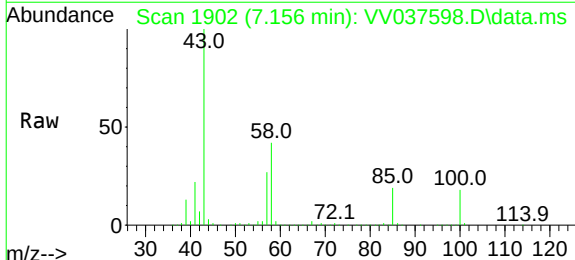
Instrument :
MSVOA_V
ClientSampleId :
EY028MSD

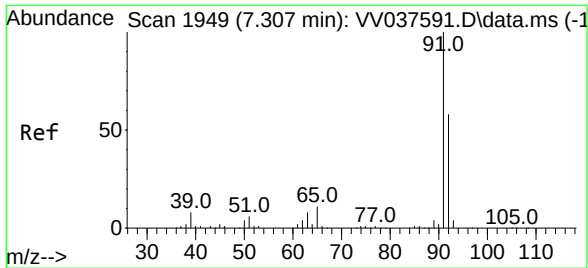
Tgt Ion: 75 Resp: 412716
Ion Ratio Lower Upper
75 100
77 32.3 21.8 40.4



#40
4-Methyl-2-pentanone
Concen: 112.716 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. 0.003 min
Lab File: VV037598.D
Acq: 27 Sep 2024 11:58

Tgt Ion: 43 Resp: 459300
Ion Ratio Lower Upper
43 100
58 41.2 33.0 49.4
100 17.4 13.7 20.5





#42

Toluene

Concen: 66.918 ug/L

RT: 7.310 min Scan# 19

Delta R.T. 0.003 min

Lab File: VV037598.D

Acq: 27 Sep 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

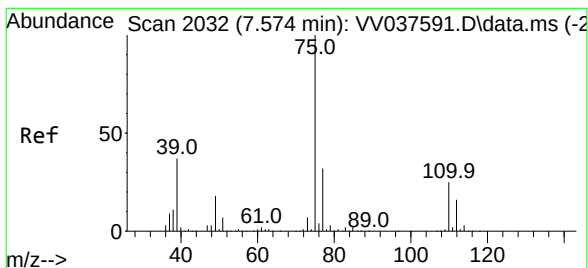
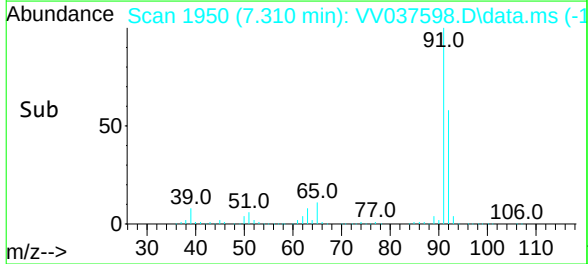
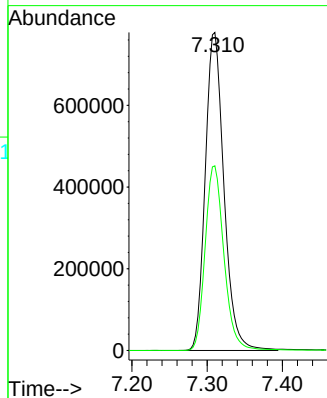
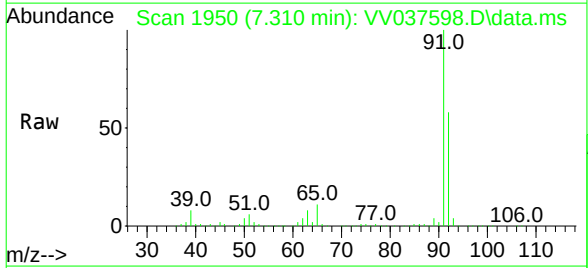
EY028MSD

Tgt Ion: 91 Resp: 1344504

Ion Ratio Lower Upper

91 100

92 58.1 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 52.506 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV037598.D

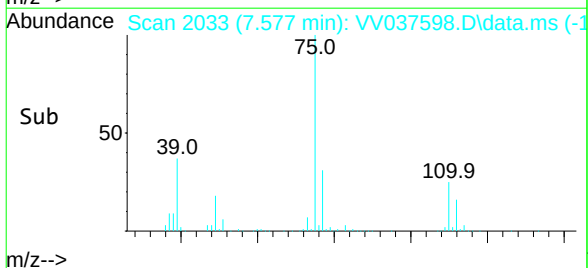
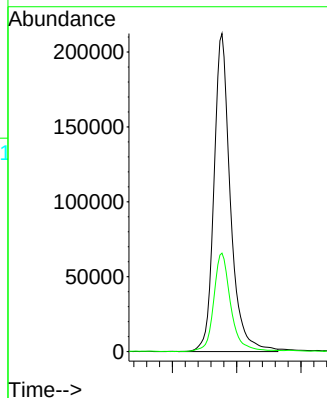
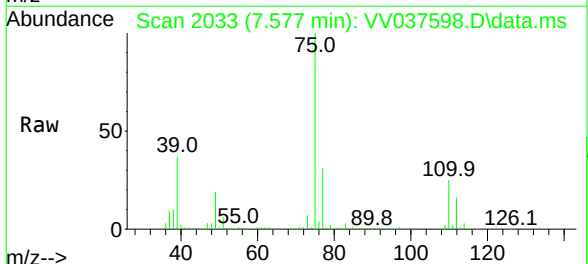
Acq: 27 Sep 2024 11:58

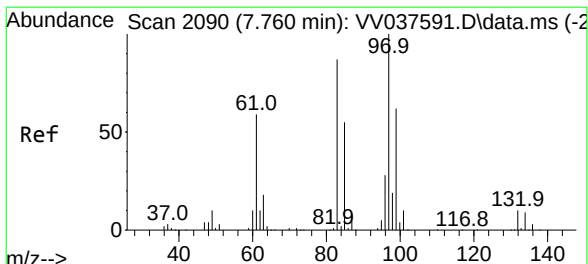
Tgt Ion: 75 Resp: 377642

Ion Ratio Lower Upper

75 100

77 31.0 21.9 40.7

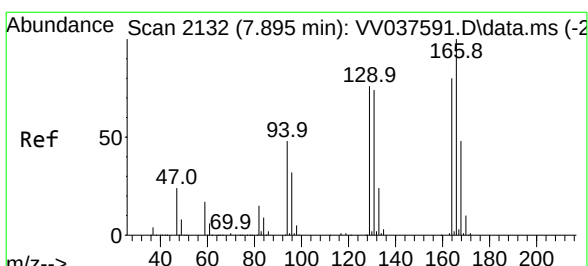
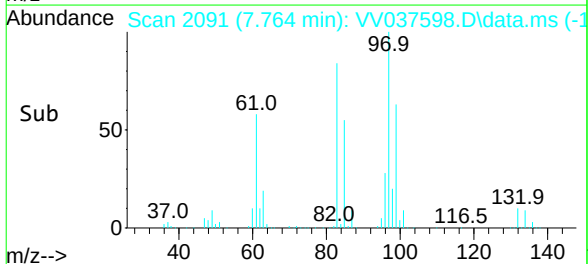
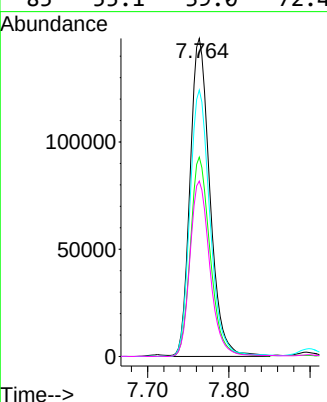
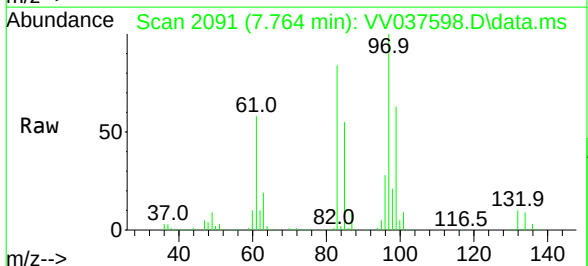




#45
 1,1,2-Trichloroethane
 Concen: 52.470 ug/L
 RT: 7.764 min Scan# 2090
 Delta R.T. 0.003 min
 Lab File: VV037598.D
 Acq: 27 Sep 2024 11:58

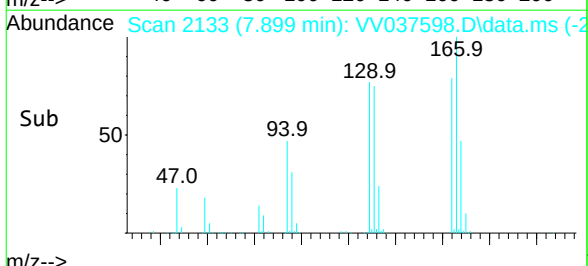
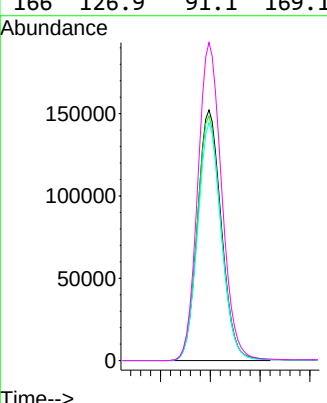
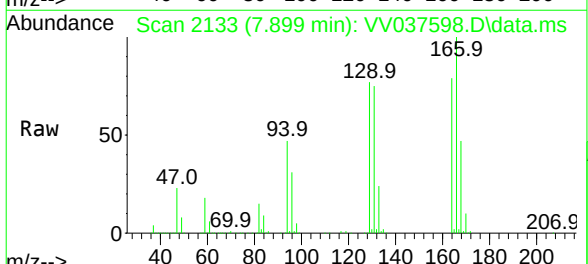
Instrument :
 MSVOA_V
 ClientSampleId :
 EY028MSD

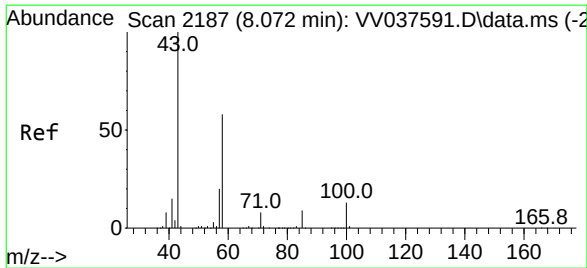
Tgt Ion:	97	Resp:	252146
Ion	Ratio	Lower	Upper
97	100		
99	62.7	44.1	81.9
83	83.8	59.3	110.1
85	55.1	39.0	72.4



#46
 Tetrachloroethene
 Concen: 64.372 ug/L
 RT: 7.899 min Scan# 2133
 Delta R.T. 0.003 min
 Lab File: VV037598.D
 Acq: 27 Sep 2024 11:58

Tgt Ion:	164	Resp:	254026
Ion	Ratio	Lower	Upper
164	100		
129	97.6	68.2	126.6
131	94.8	66.1	122.8
166	126.9	91.1	169.1

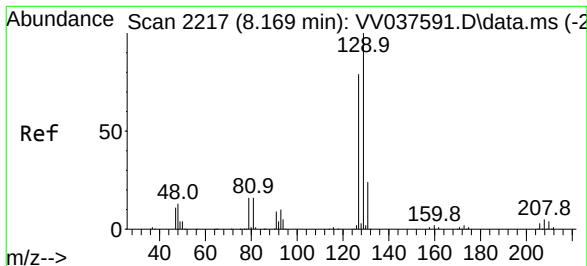
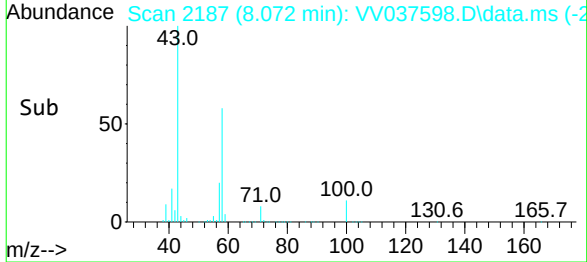
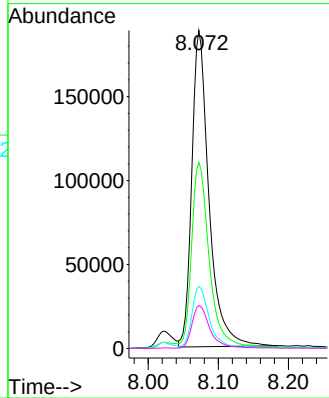
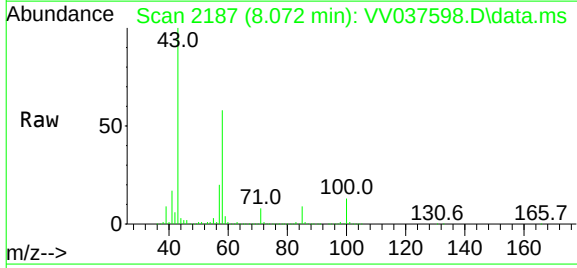




#48
2-Hexanone
Concen: 101.218 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV037598.D
Acq: 27 Sep 2024 11:58

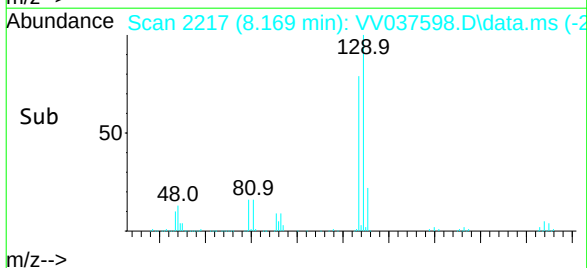
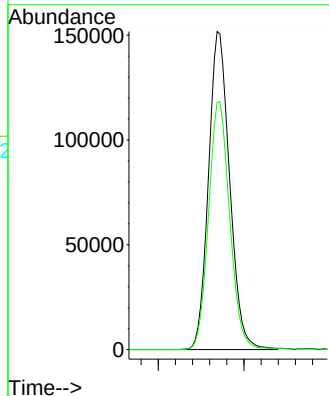
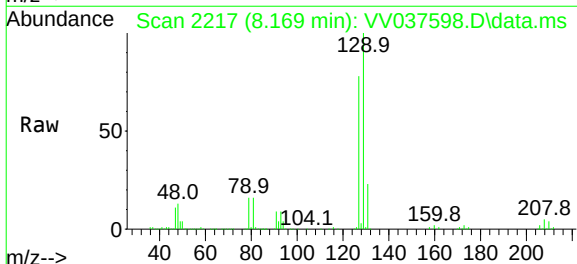
Instrument :
MSVOA_V
ClientSampleId :
EY028MSD

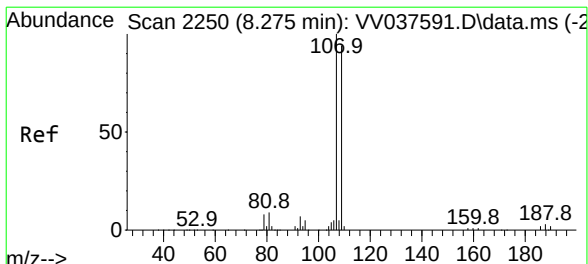
Tgt Ion:	43	Resp:	320710
Ion	Ratio	Lower	Upper
43	100		
58	57.6	46.5	69.7
57	18.4	15.1	22.7
100	14.5	10.7	16.1



#49
Dibromochloromethane
Concen: 51.106 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV037598.D
Acq: 27 Sep 2024 11:58

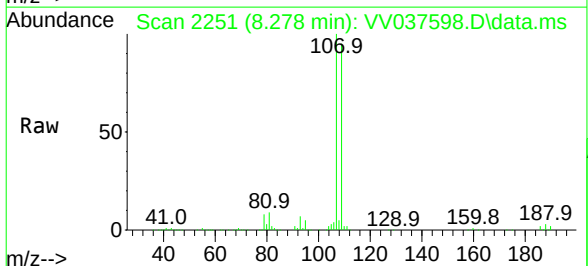
Tgt Ion:	129	Resp:	259927
Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.9	101.9





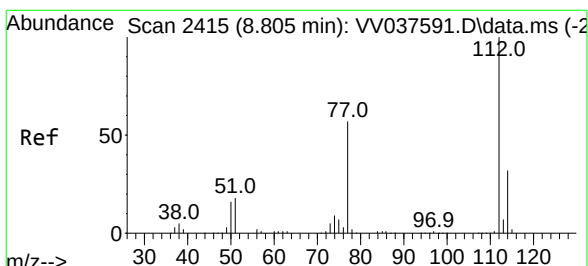
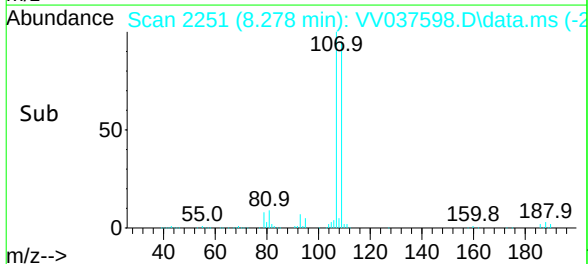
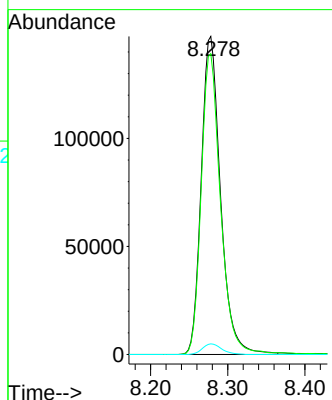
#50
 1,2-Dibromoethane
 Concen: 51.467 ug/L
 RT: 8.278 min Scan# 2250
 Delta R.T. 0.003 min
 Lab File: VV037598.D
 Acq: 27 Sep 2024 11:58

Instrument :
 MSVOA_V
 ClientSampleId :
 EY028MSD



Tgt Ion: 107 Resp: 255657

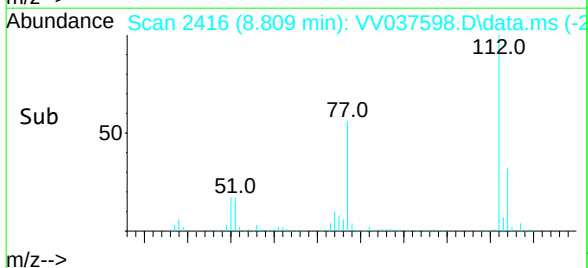
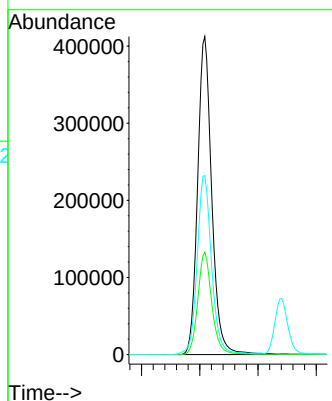
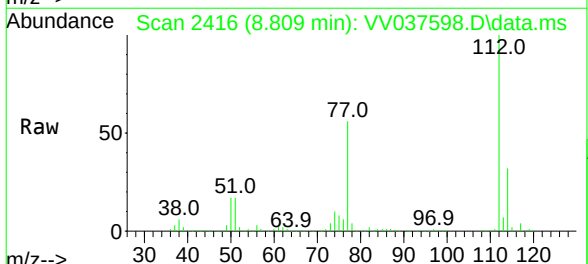
Ion	Ratio	Lower	Upper
107	100		
109	94.6	65.7	121.9
188	3.3	2.8	4.2

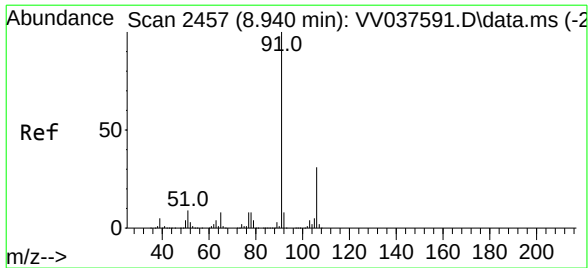


#51
 Chlorobenzene
 Concen: 50.746 ug/L
 RT: 8.809 min Scan# 2416
 Delta R.T. 0.003 min
 Lab File: VV037598.D
 Acq: 27 Sep 2024 11:58

Tgt Ion: 112 Resp: 694642

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.5	41.7
77	56.3	45.8	68.8

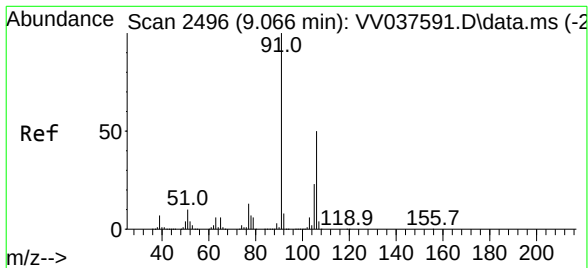
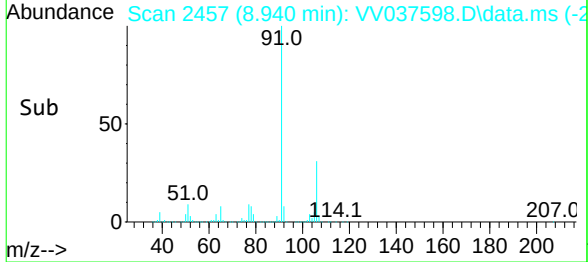
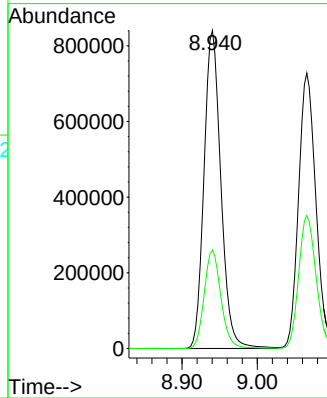
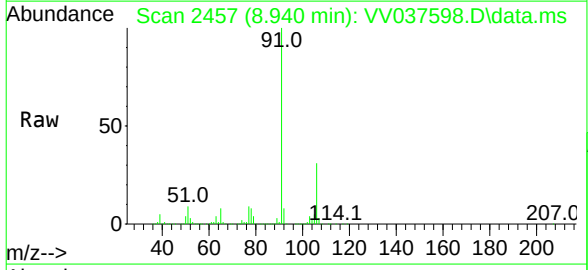




#52
 Ethylbenzene
 Concen: 57.847 ug/L
 RT: 8.940 min Scan# 2457
 Delta R.T. 0.000 min
 Lab File: VV037598.D
 Acq: 27 Sep 2024 11:58

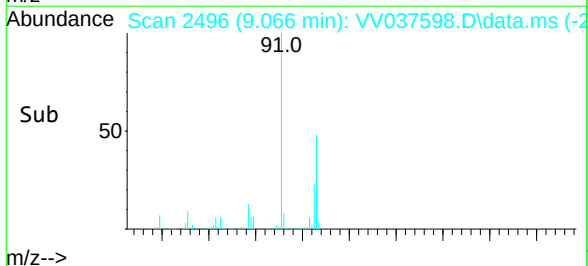
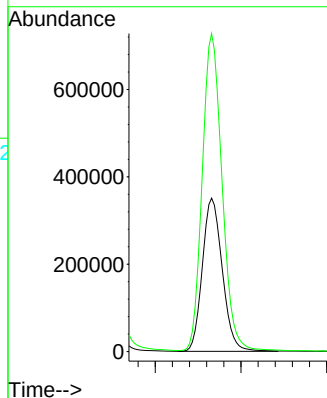
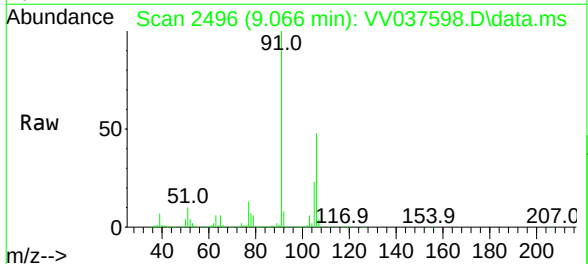
Instrument : MSVOA_V
 ClientSampleId : EY028MSD

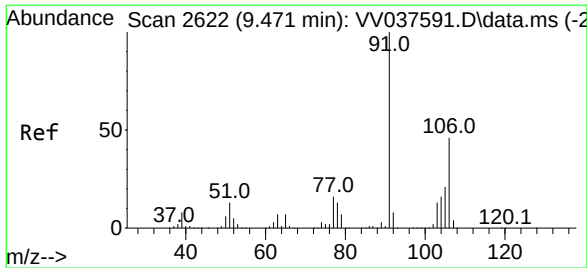
Tgt Ion: 91 Resp: 1308295
 Ion Ratio Lower Upper
 91 100
 106 31.0 21.9 40.7



#53
 m,p-Xylene
 Concen: 67.216 ug/L
 RT: 9.066 min Scan# 2496
 Delta R.T. 0.000 min
 Lab File: VV037598.D
 Acq: 27 Sep 2024 11:58

Tgt Ion: 106 Resp: 565770
 Ion Ratio Lower Upper
 106 100
 91 207.3 142.0 263.6





#54

o-Xylene

Concen: 72.173 ug/L

RT: 9.471 min Scan# 26

Delta R.T. 0.000 min

Lab File: VV037598.D

Acq: 27 Sep 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

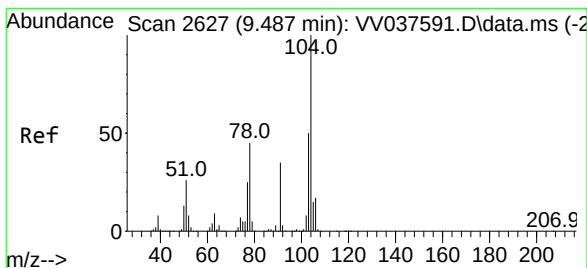
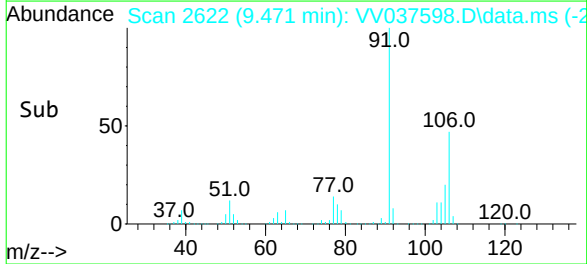
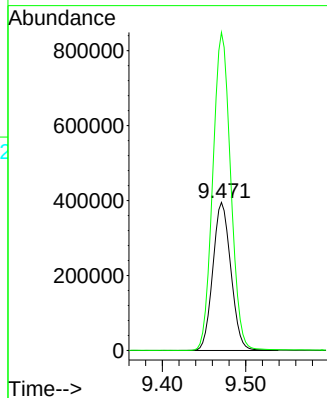
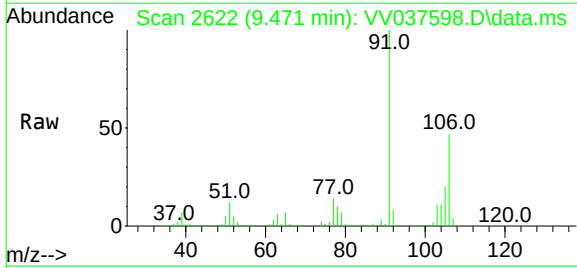
EY028MSD

Tgt Ion:106 Resp: 593090

Ion Ratio Lower Upper

106 100

91 214.8 153.9 285.9



#55

Styrene

Concen: 55.232 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. 0.003 min

Lab File: VV037598.D

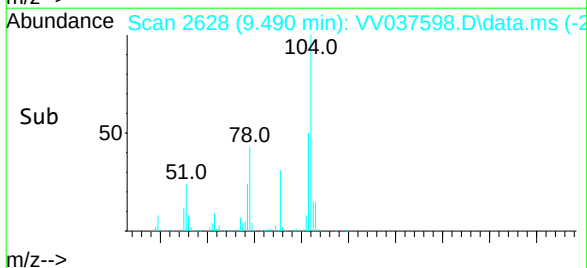
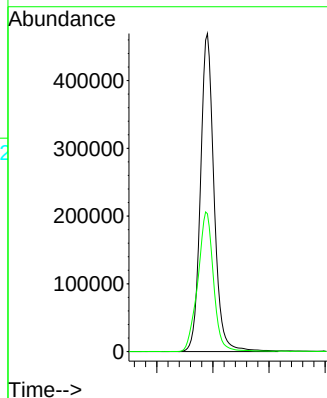
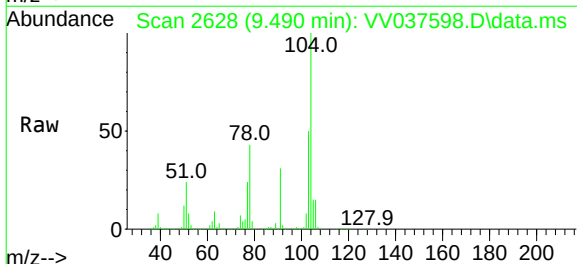
Acq: 27 Sep 2024 11:58

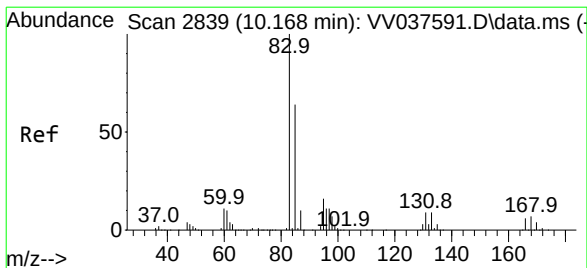
Tgt Ion:104 Resp: 790124

Ion Ratio Lower Upper

104 100

78 43.3 30.0 55.6





#57

1,1,2,2-Tetrachloroethane

Concen: 53.242 ug/L

RT: 10.172 min Scan# 2839

Delta R.T. 0.003 min

Lab File: VV037598.D

Acq: 27 Sep 2024 11:58

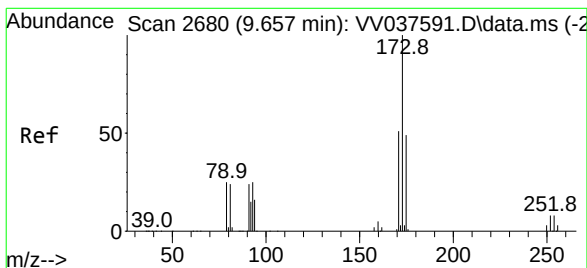
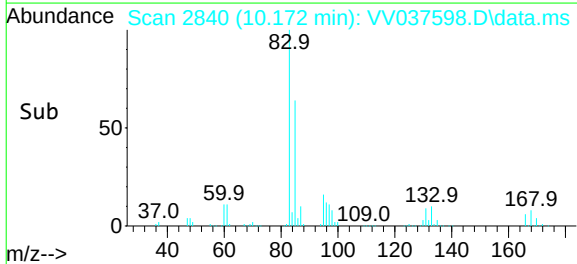
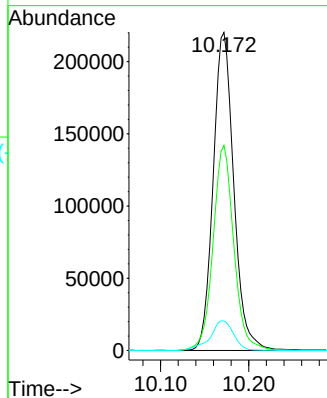
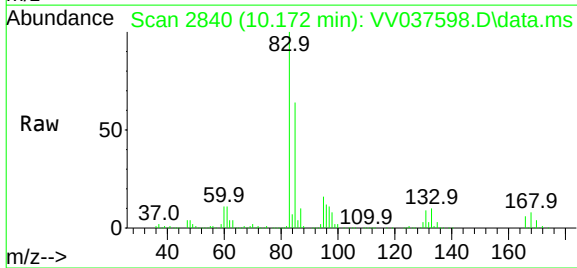
Instrument :

MSVOA_V

ClientSampleId :

EY028MSD

Tgt Ion:	83	Resp:	356714
Ion Ratio	Lower	Upper	
83	100		
85	64.5	45.9	85.3
131	9.3	7.9	11.9



#59

Bromoform

Concen: 51.020 ug/L

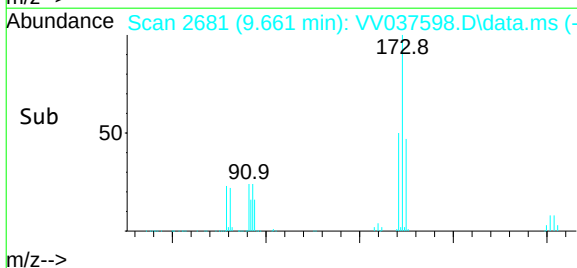
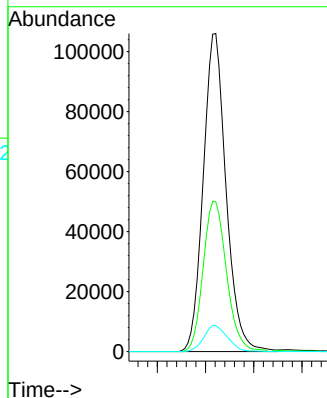
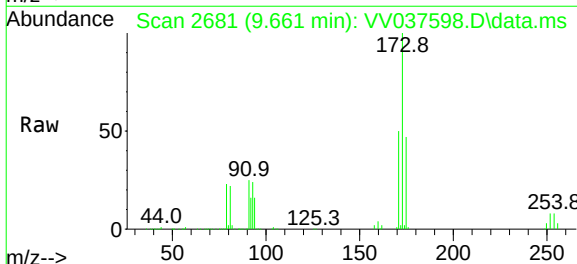
RT: 9.661 min Scan# 2681

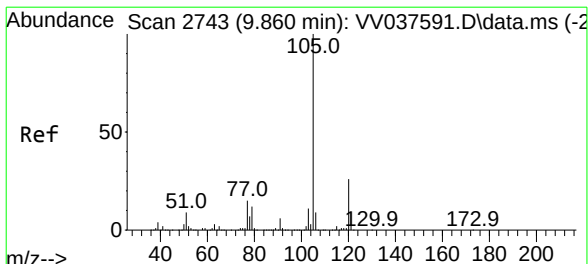
Delta R.T. 0.003 min

Lab File: VV037598.D

Acq: 27 Sep 2024 11:58

Tgt Ion:	173	Resp:	174437
Ion Ratio	Lower	Upper	
173	100		
175	48.3	40.0	60.0
254	8.4	6.5	9.7



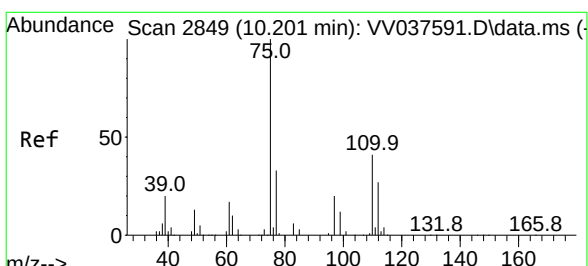
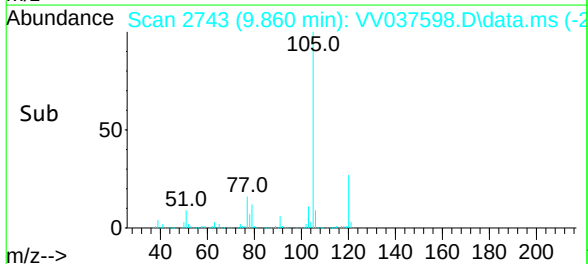
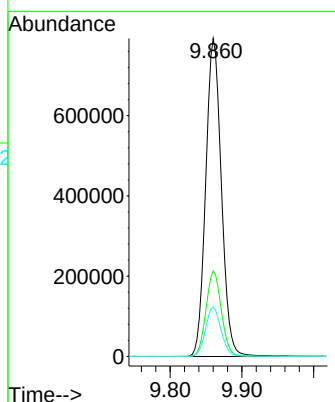
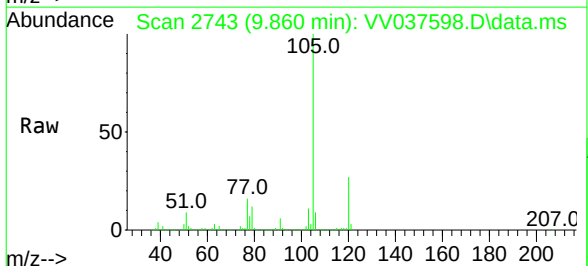


#60
Isopropylbenzene
Concen: 52.701 ug/L
RT: 9.860 min Scan# 27
Delta R.T. 0.000 min
Lab File: VV037598.D
Acq: 27 Sep 2024 11:58

Instrument :
MSVOA_V
ClientSampleId :
EY028MSD

Tgt Ion: 105 Resp: 1198582

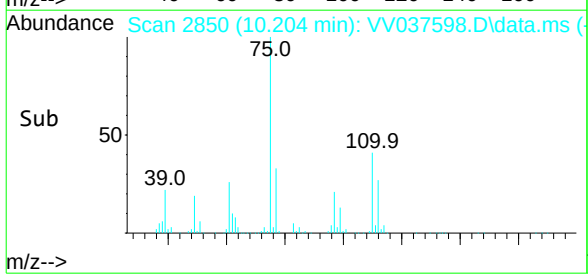
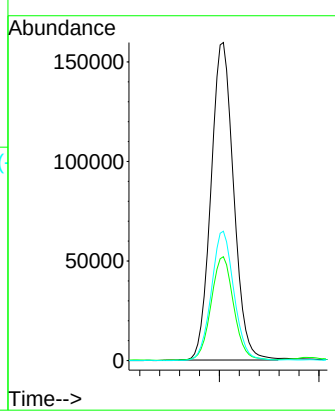
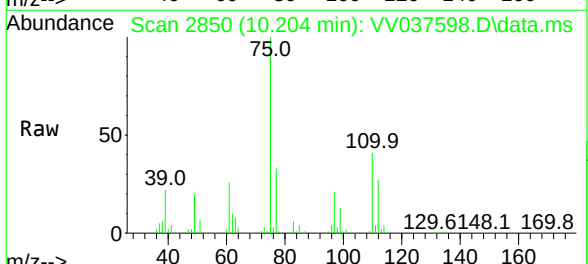
Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.7	31.1
77	15.4	12.2	18.2

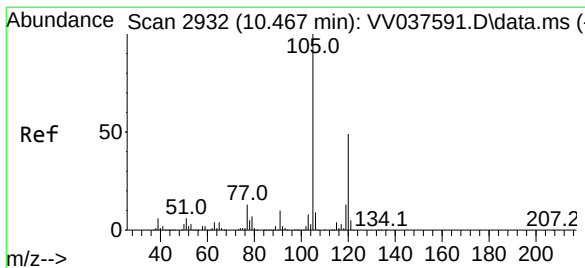


#61
1,2,3-Trichloropropane
Concen: 50.723 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.003 min
Lab File: VV037598.D
Acq: 27 Sep 2024 11:58

Tgt Ion: 75 Resp: 252485

Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.4	38.0
110	40.5	31.7	47.5





#62

1,3,5-Trimethylbenzene

Concen: 64.659 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV037598.D

Acq: 27 Sep 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

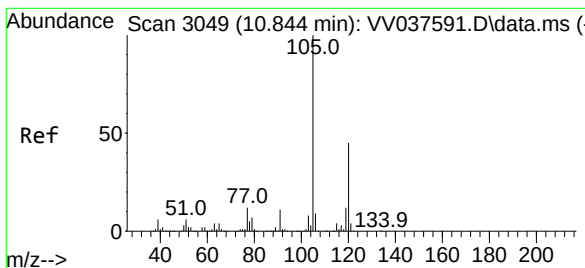
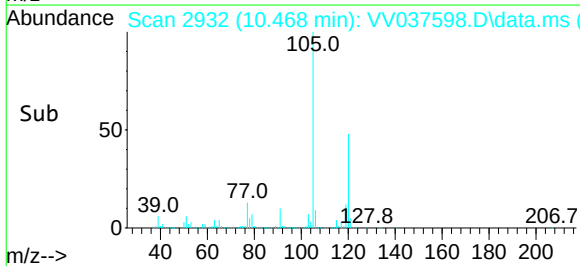
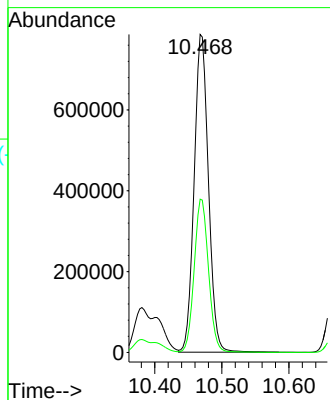
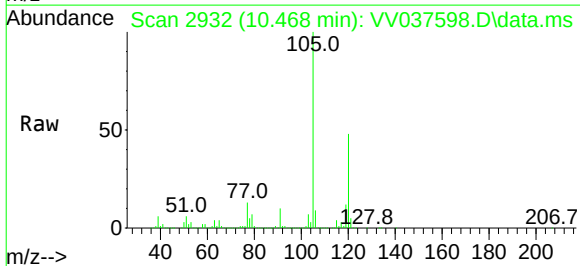
EY028MSD

Tgt Ion:105 Resp: 1162604

Ion Ratio Lower Upper

105 100

120 48.0 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 77.738 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037598.D

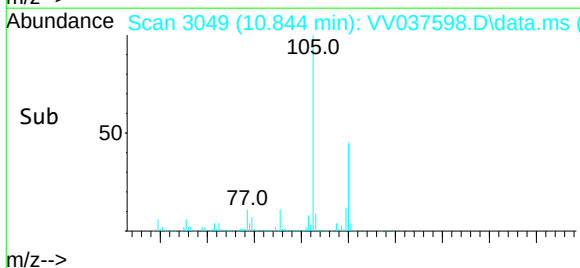
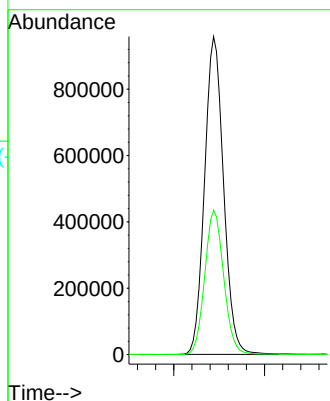
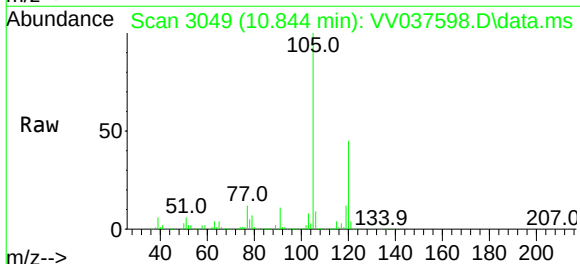
Acq: 27 Sep 2024 11:58

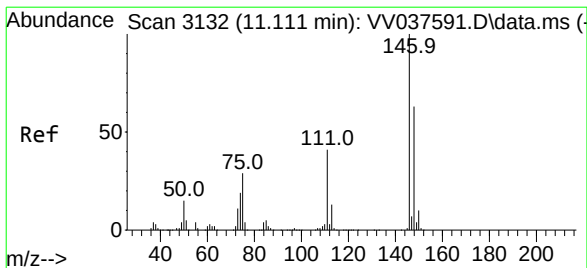
Tgt Ion:105 Resp: 1390749

Ion Ratio Lower Upper

105 100

120 45.6 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 51.014 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037598.D

Acq: 27 Sep 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

EY028MSD

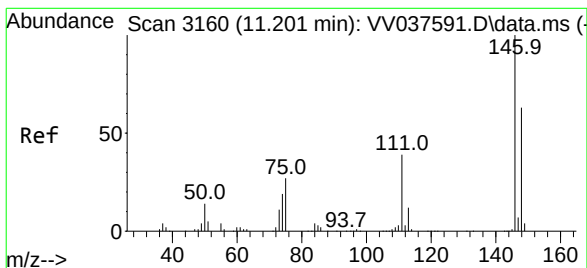
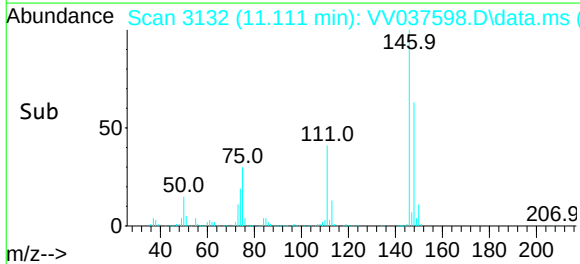
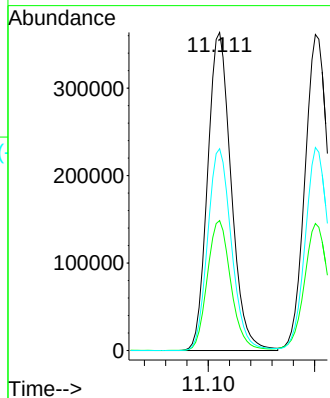
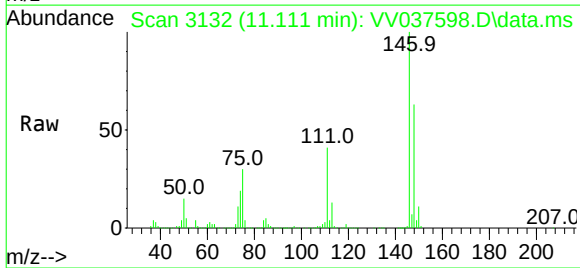
Tgt Ion:146 Resp: 558442

Ion Ratio Lower Upper

146 100

111 40.8 28.3 52.5

148 63.4 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 50.524 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037598.D

Acq: 27 Sep 2024 11:58

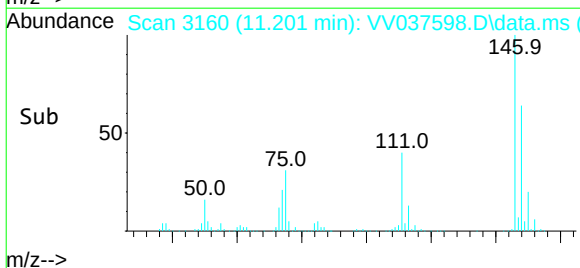
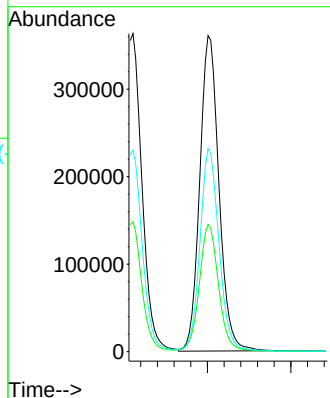
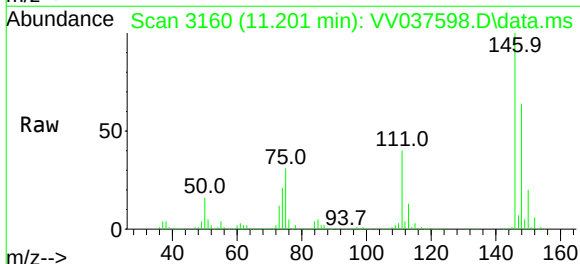
Tgt Ion:146 Resp: 575917

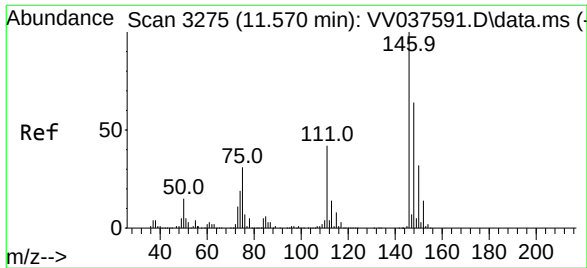
Ion Ratio Lower Upper

146 100

111 40.2 27.6 51.4

148 64.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 51.511 ug/L

RT: 11.570 min Scan# 3275

Delta R.T. 0.000 min

Lab File: VV037598.D

Acq: 27 Sep 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

EY028MSD

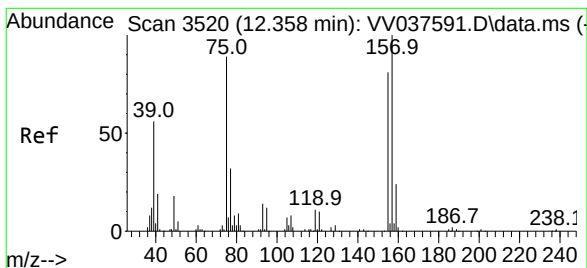
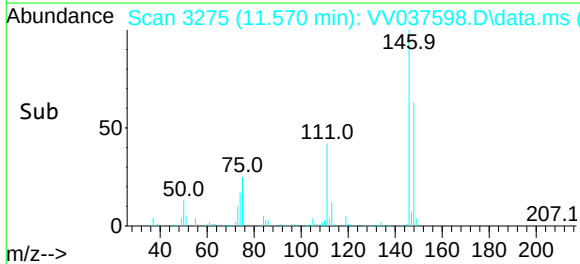
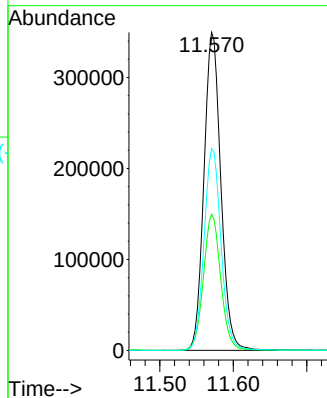
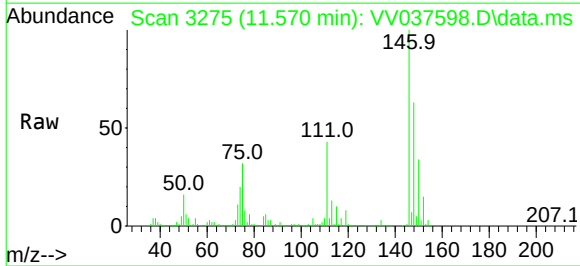
Tgt Ion:146 Resp: 557437

Ion Ratio Lower Upper

146 100

111 42.8 34.2 51.2

148 63.5 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 52.948 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV037598.D

Acq: 27 Sep 2024 11:58

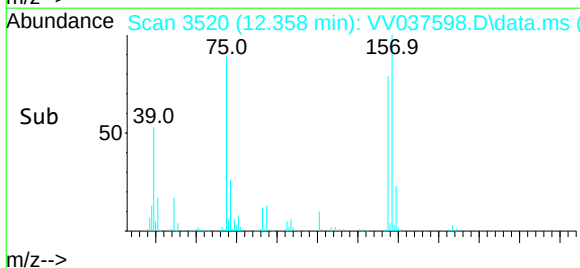
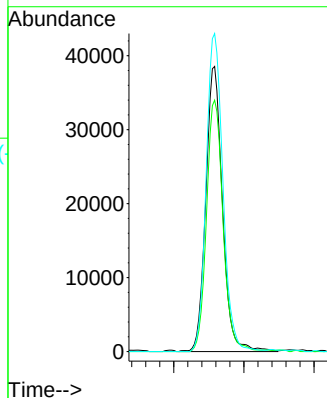
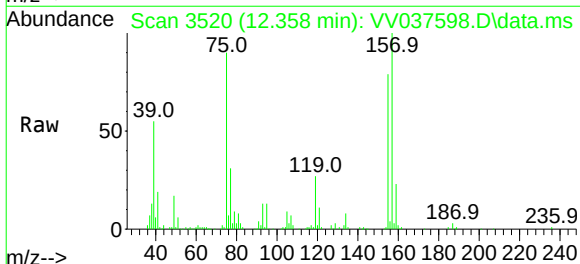
Tgt Ion: 75 Resp: 63978

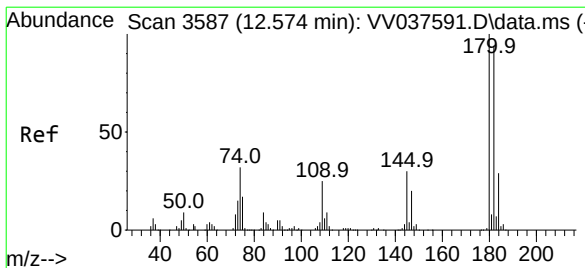
Ion Ratio Lower Upper

75 100

155 88.2 66.2 99.4

157 111.5 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 50.884 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

Lab File: VV037598.D

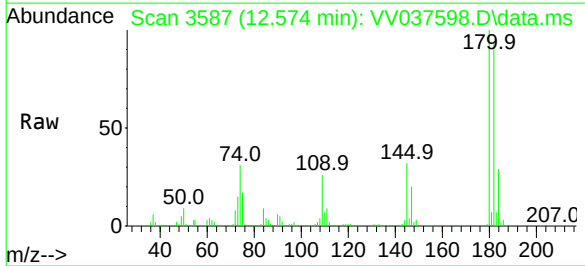
Acq: 27 Sep 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

EY028MSD



Tgt Ion:180 Resp: 383049

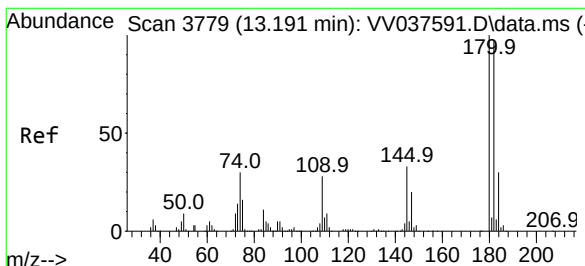
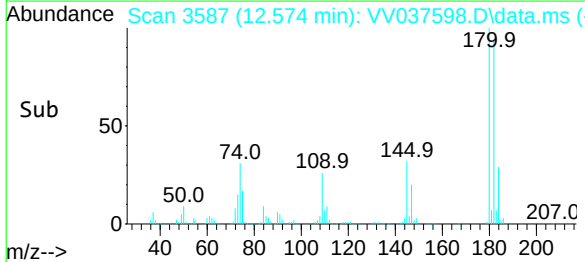
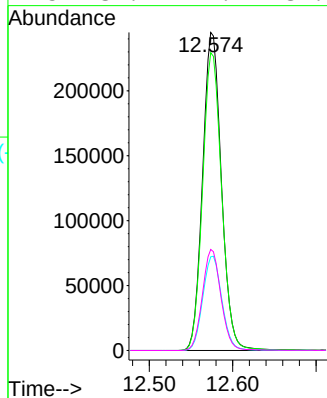
Ion Ratio Lower Upper

180 100

182 94.8 75.6 113.4

184 30.1 23.8 35.6

145 31.4 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 51.822 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037598.D

Acq: 27 Sep 2024 11:58

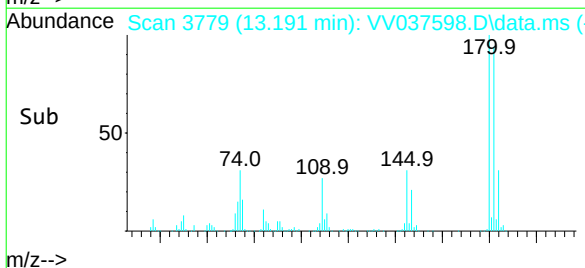
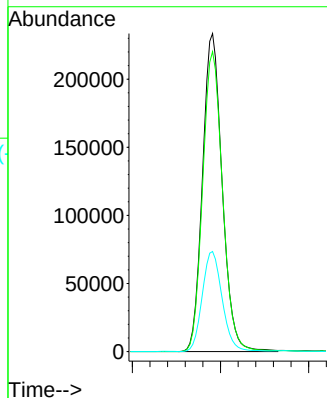
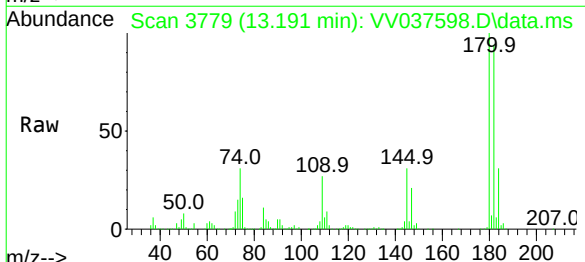
Tgt Ion:180 Resp: 361945

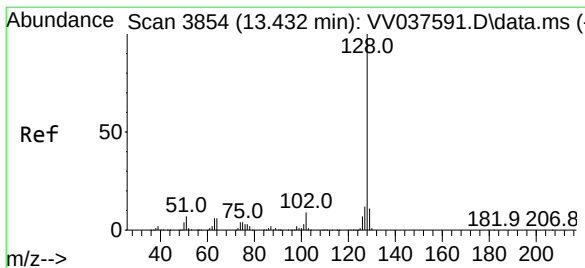
Ion Ratio Lower Upper

180 100

182 95.4 75.9 113.9

145 31.8 25.4 38.2





#71

Naphthalene

Concen: 58.844 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037598.D

Acq: 27 Sep 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

EY028MSD

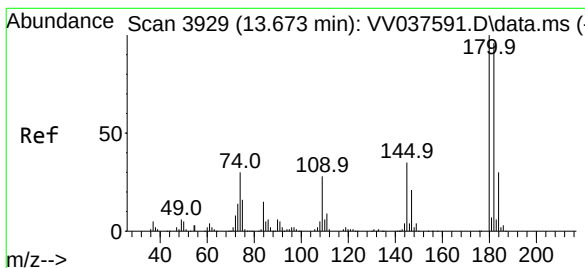
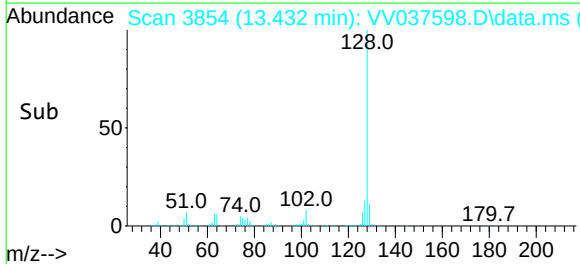
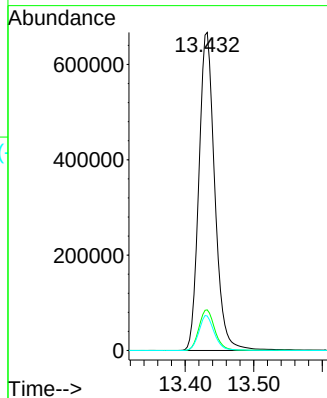
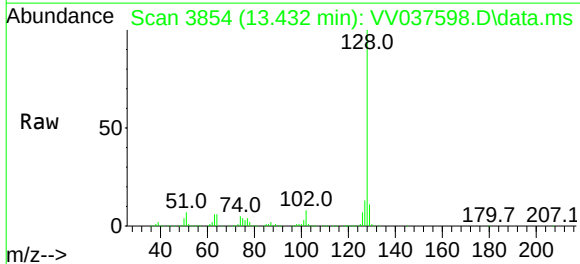
Tgt Ion:128 Resp: 1073781

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 51.408 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. -0.003 min

Lab File: VV037598.D

Acq: 27 Sep 2024 11:58

Tgt Ion:180 Resp: 354577

Ion Ratio Lower Upper

180 100

182 96.3 75.8 113.8

145 34.4 26.2 39.4

