

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111324\
 Data File : VV038075.D
 Acq On : 14 Nov 2024 03:35
 Operator : SY/MD
 Sample : P4804-14MSD
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46W0MSD

Quant Time: Nov 14 04:07:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 13 00:39:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	254998	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	257821	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	136731	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	84458	3.805	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.529	69	73331	4.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.053	65	34408	3.538	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	3.783	46	224383	43.992	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.980%
24) Chloroform-d	4.239	84	191095	4.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	4.934	65	87697	4.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	4.950	84	334943	4.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	5.982	67	106329	4.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.236	98	302875	4.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	7.551	79	35341	3.493	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.800%
46) 2-Hexanone-d5	8.017	63	213485	47.208	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.420%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	96163	4.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.551	152	124999	4.397	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	124727	4.486	ug/L	98
3) Chloromethane	1.214	50	126298	4.896	ug/L	99
5) Vinyl chloride	1.278	62	429647	16.595	ug/L	87
6) Bromomethane	1.484	94	55491	3.366	ug/L	97
8) Chloroethane	1.545	64	128688	8.203	ug/L	85
9) Trichlorofluoromethane	1.709	101	183628	5.131	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	91945	4.451	ug/L	99
12) 1,1-Dichloroethene	2.063	96	99210	5.118	ug/L	95
13) Acetone	2.117	43	144226	39.669	ug/L	99
14) Carbon disulfide	2.233	76	336596	5.297	ug/L	100
15) Methyl Acetate	2.378	43	25685	3.235	ug/L	96
16) Methylene chloride	2.442	84	113240	4.933	ug/L	99
17) Methyl tert-butyl Ether	2.696	73	394970	8.363	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	138029	6.580	ug/L	97
19) 1,1-Dichloroethane	3.101	63	213866	5.675	ug/L	100
21) 2-Butanone	3.866	43	212897	43.361	ug/L	98
22) cis-1,2-Dichloroethene	3.805	96	147555	6.693	ug/L	97
23) Bromochloromethane	4.143	128	54847	5.417	ug/L	95
25) Chloroform	4.265	83	206967	5.201	ug/L	97

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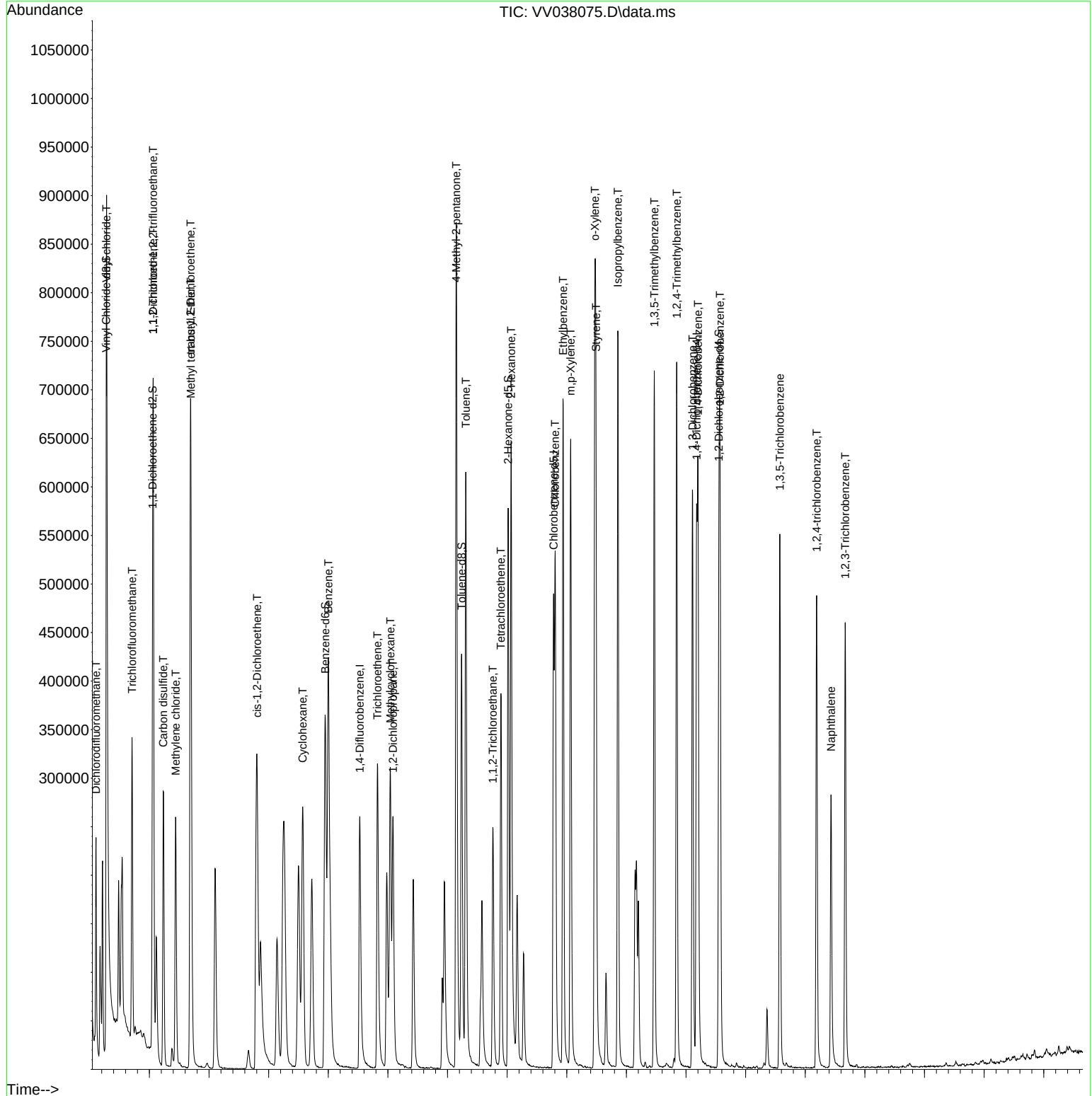
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	116277	5.197	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	184733	5.307	ug/L	97
30) Cyclohexane	4.571	56	145434	4.719	ug/L	99
31) Carbon tetrachloride	4.725	117	157983	5.212	ug/L	100
33) Benzene	5.001	78	458638	5.593	ug/L	100
34) Trichloroethene	5.825	95	121020	5.399	ug/L	98
35) Methylcyclohexane	6.040	83	128448	3.795	ug/L	98
37) 1,2-Dichloropropane	6.085	63	109382	5.392	ug/L	100
38) Bromodichloromethane	6.426	83	142564	5.290	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	137680	4.553	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	575250	50.441	ug/L	99
42) Toluene	7.307	91	469869	5.485	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	113612	4.426	ug/L	95
45) 1,1,2-Trichloroethane	7.760	97	84916	5.219	ug/L	97
47) Tetrachloroethene	7.895	164	90326	5.135	ug/L	98
48) 2-Hexanone	8.066	43	411407	50.142	ug/L	98
49) Dibromochloromethane	8.169	129	91105	5.194	ug/L	99
50) 1,2-Dibromoethane	8.275	107	79739	5.162	ug/L	98
51) Chlorobenzene	8.805	112	314798	5.393	ug/L	100
52) Ethylbenzene	8.937	91	496096	5.331	ug/L	99
53) m,p-Xylene	9.066	106	193092	5.504	ug/L	97
54) o-Xylene	9.471	106	188193	5.543	ug/L	97
55) Styrene	9.490	104	331772	5.610	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.168	83	102939	5.300	ug/L	98
59) Bromoform	9.660	173	44893	4.994	ug/L	98
60) Isopropylbenzene	9.857	105	496197	5.440	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	69817	5.227	ug/L	98
62) 1,3,5-Trimethylbenzene	10.467	105	391251	5.356	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	397946	5.437	ug/L	98
64) 1,3-Dichlorobenzene	11.111	146	250014	5.314	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	255511	5.279	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	236720	5.381	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	14654	4.839	ug/L	88
69) 1,3,5-Trichlorobenzene	12.574	180	171946	4.969	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	150996	4.914	ug/L	97
71) Naphthalene	13.432	128	248195	4.438	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	140188	4.835	ug/L	99

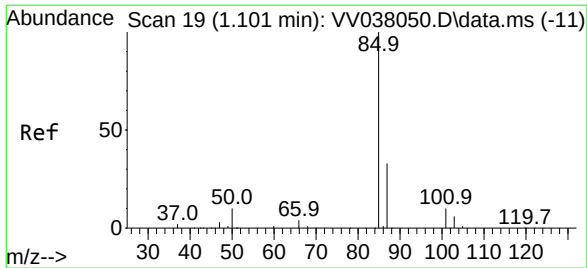
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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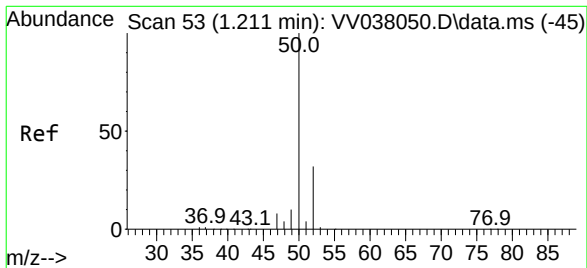
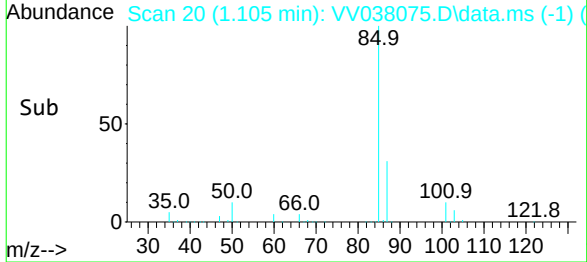
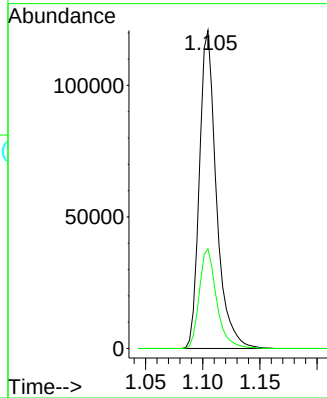
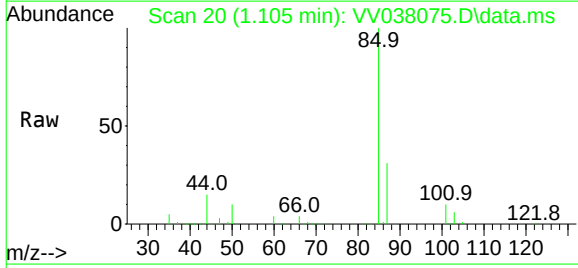




#2
Dichlorodifluoromethane
Concen: 4.486 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

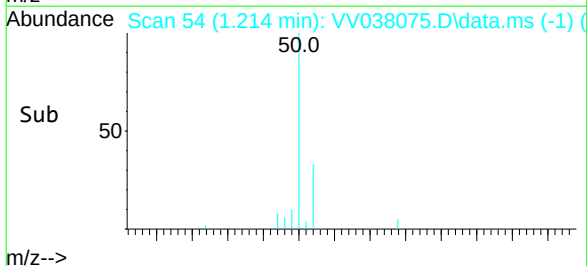
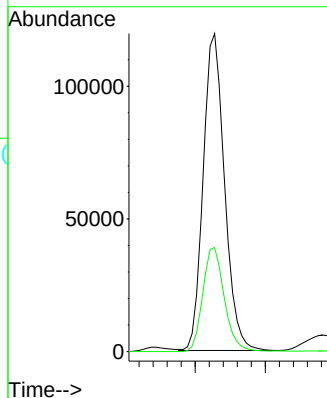
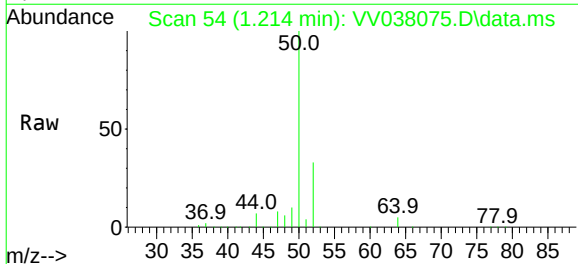
Instrument :
MSVOA_V
ClientSampleId :
H46W0MSD

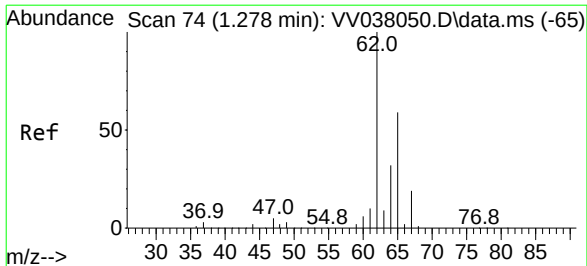
Tgt Ion: 85 Resp: 124727
Ion Ratio Lower Upper
85 100
87 31.9 26.4 39.6



#3
Chloromethane
Concen: 4.896 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

Tgt Ion: 50 Resp: 126298
Ion Ratio Lower Upper
50 100
52 32.7 22.6 42.0

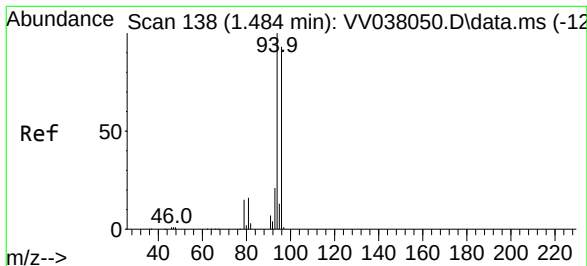
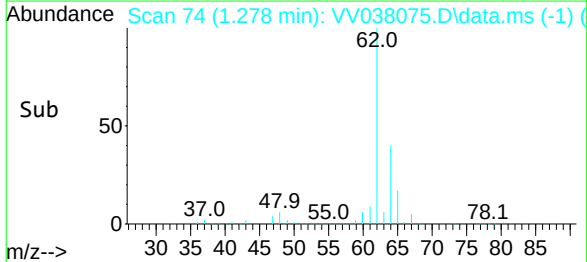
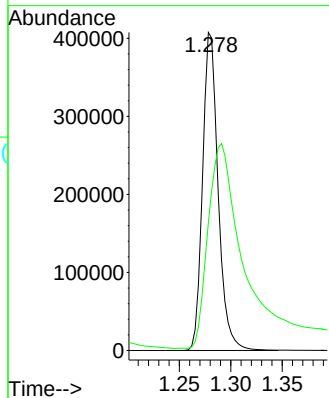
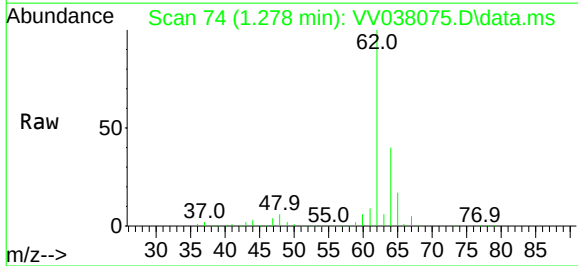




#5
 Vinyl chloride
 Concen: 16.595 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV038075.D
 Acq: 14 Nov 2024 03:35

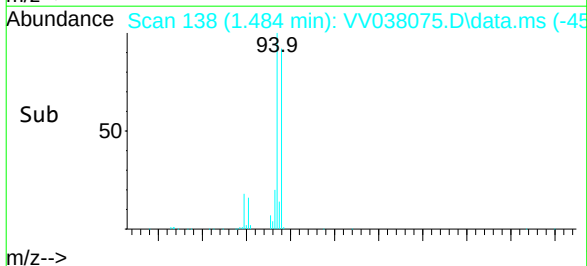
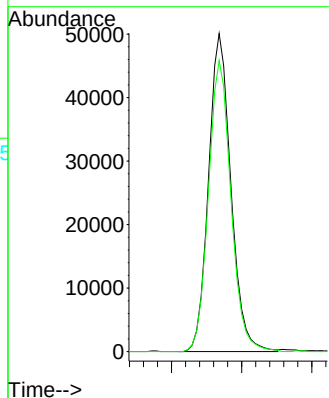
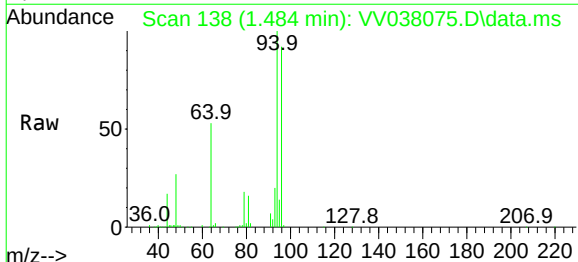
Instrument :
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 ClientSampleId :
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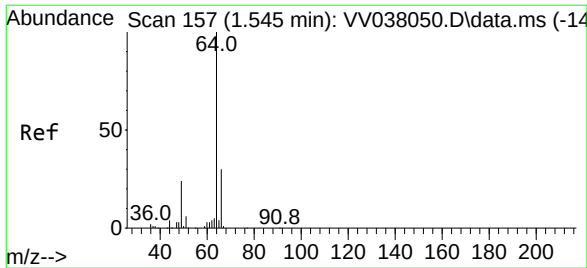
Tgt Ion: 62 Resp: 429647
 Ion Ratio Lower Upper
 62 100
 64 40.2 23.0 42.6



#6
 Bromomethane
 Concen: 3.366 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV038075.D
 Acq: 14 Nov 2024 03:35

Tgt Ion: 94 Resp: 55491
 Ion Ratio Lower Upper
 94 100
 96 91.5 66.0 122.6

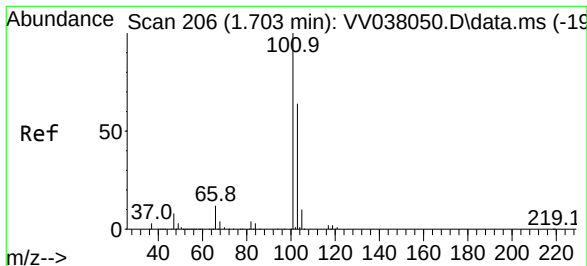
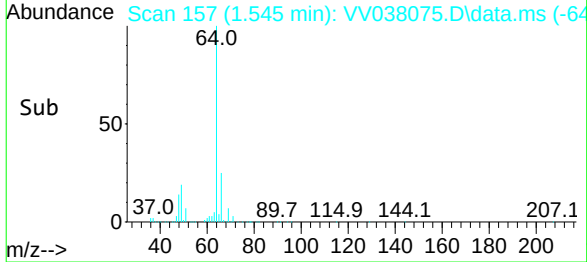
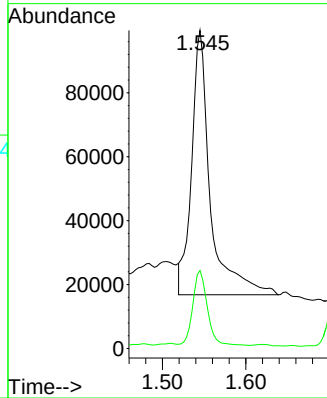
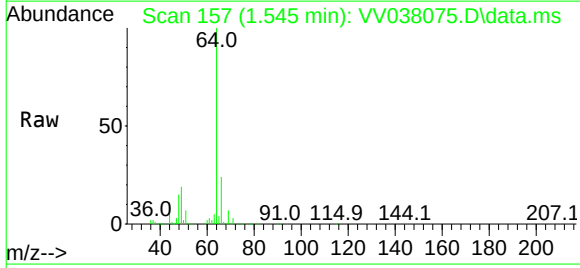




#8
Chloroethane
Concen: 8.203 ug/L
RT: 1.545 min Scan# 15
Delta R.T. -0.000 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

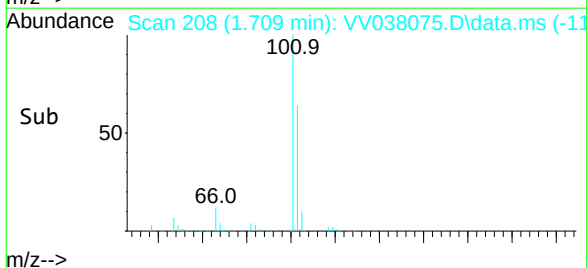
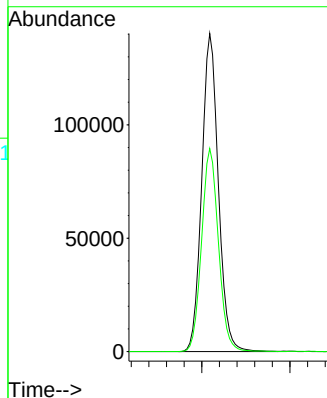
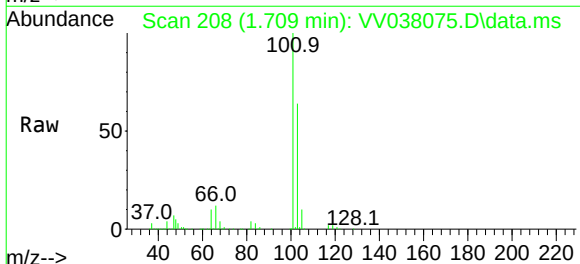
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ClientSampleId :
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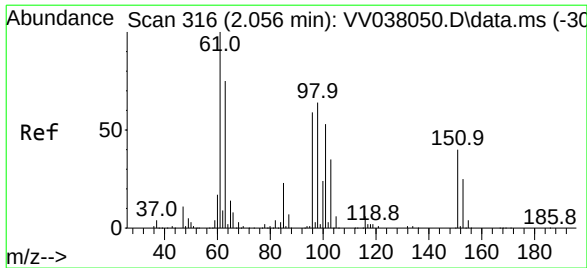
Tgt Ion: 64 Resp: 128688
Ion Ratio Lower Upper
64 100
66 24.5 23.1 42.9



#9
Trichlorofluoromethane
Concen: 5.131 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

Tgt Ion:101 Resp: 183628
Ion Ratio Lower Upper
101 100
103 64.8 50.9 76.3

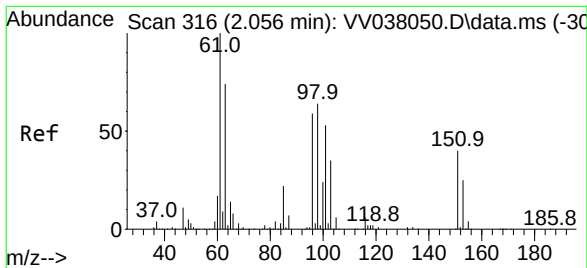
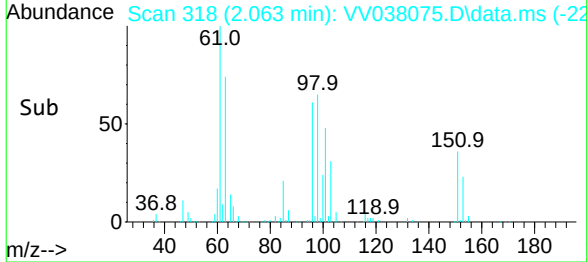
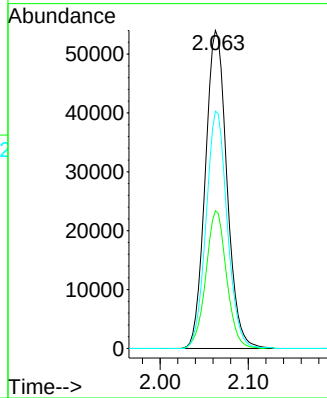
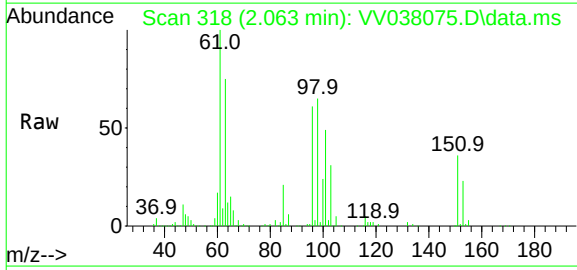




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.451 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.003 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

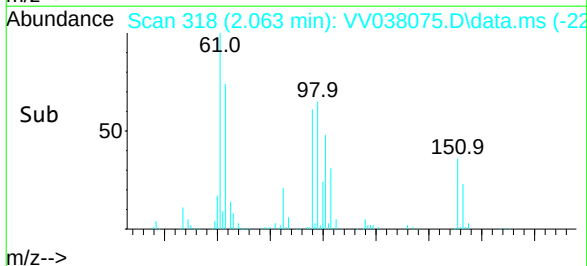
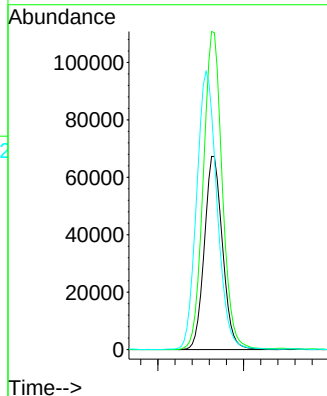
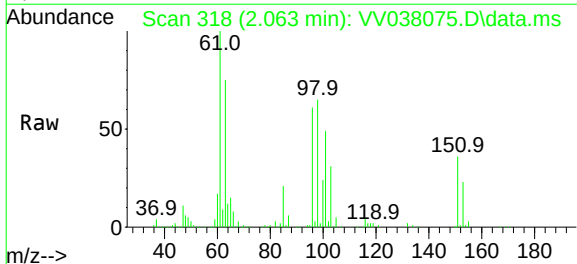
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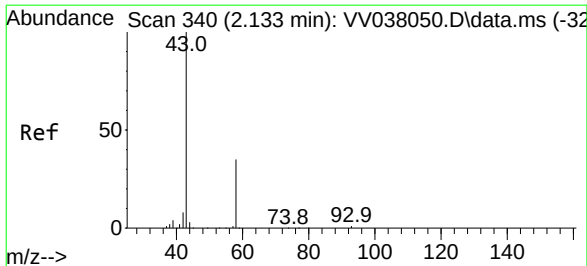
Tgt Ion:	101	Resp:	91945
Ion Ratio	Lower	Upper	
101	100		
85	41.5	33.7	50.5
151	73.1	59.0	88.6



#12
1,1-Dichloroethene
Concen: 5.118 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.003 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

Tgt Ion:	96	Resp:	99210
Ion Ratio	Lower	Upper	
96	100		
61	164.6	118.1	219.3
63	122.8	91.4	169.8





#13

Acetone

Concen: 39.669 ug/L

RT: 2.117 min Scan# 33

Delta R.T. -0.032 min

Lab File: VV038075.D

Acq: 14 Nov 2024 03:35

Instrument :

MSVOA_V

ClientSampleId :

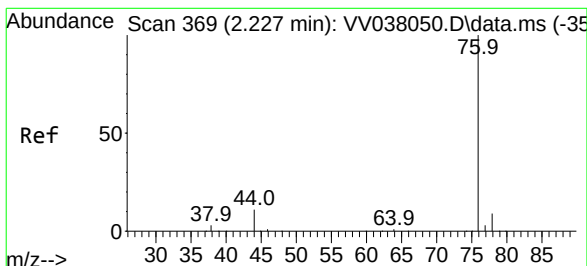
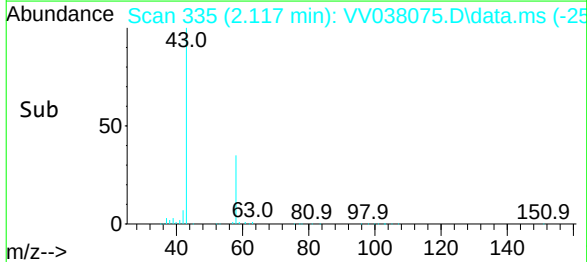
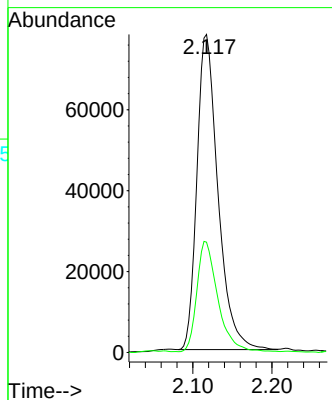
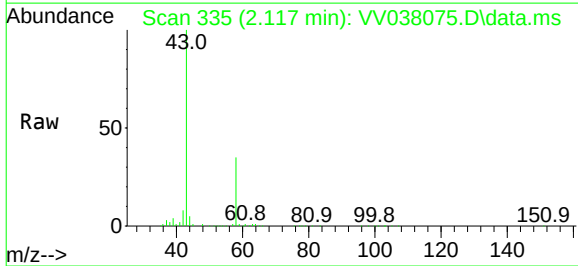
H46W0MSD

Tgt Ion: 43 Resp: 144226

Ion Ratio Lower Upper

43 100

58 34.7 0.0 70.0



#14

Carbon disulfide

Concen: 5.297 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

Lab File: VV038075.D

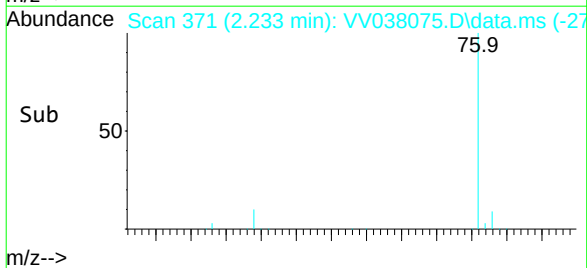
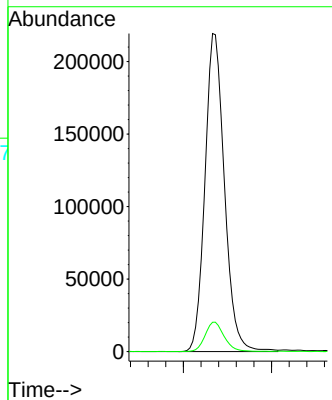
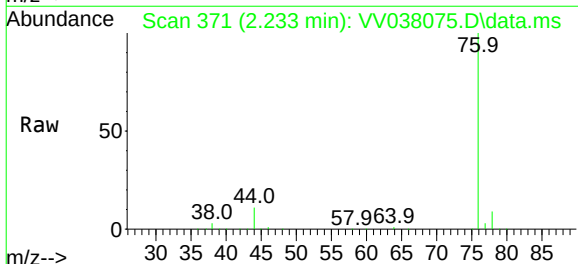
Acq: 14 Nov 2024 03:35

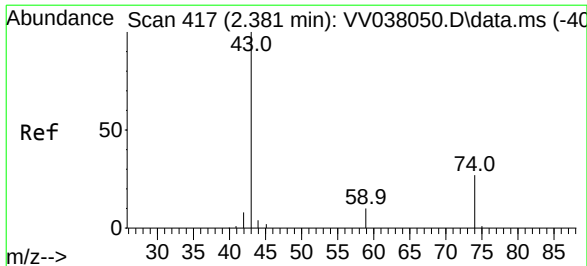
Tgt Ion: 76 Resp: 336596

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 3.235 ug/L

RT: 2.378 min Scan# 417

Delta R.T. -0.007 min

Lab File: VV038075.D

Acq: 14 Nov 2024 03:35

Instrument :

MSVOA_V

ClientSampleId :

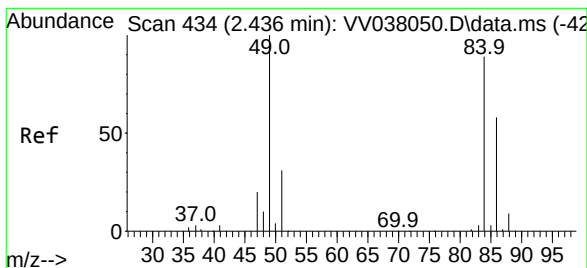
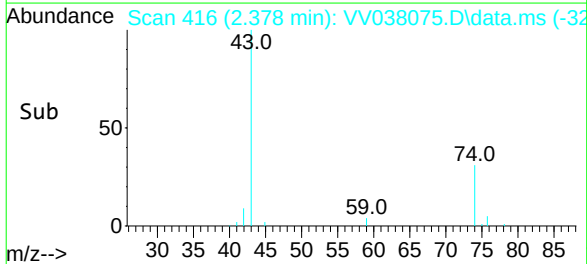
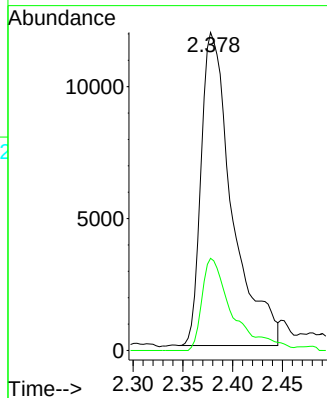
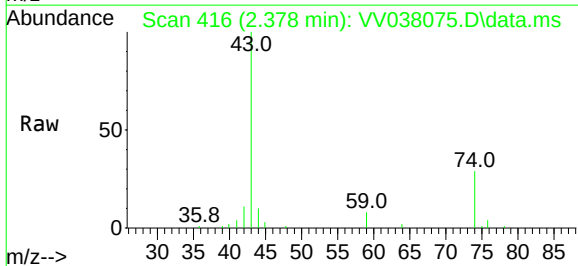
H46W0MSD

Tgt Ion: 43 Resp: 25685

Ion Ratio Lower Upper

43 100

74 29.0 21.7 32.5



#16

Methylene chloride

Concen: 4.933 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV038075.D

Acq: 14 Nov 2024 03:35

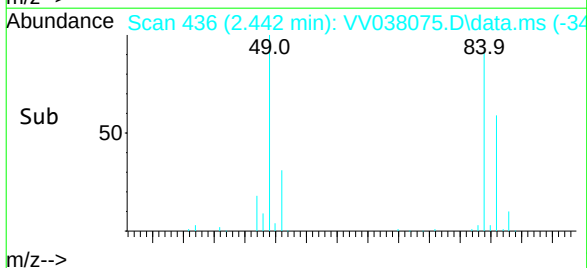
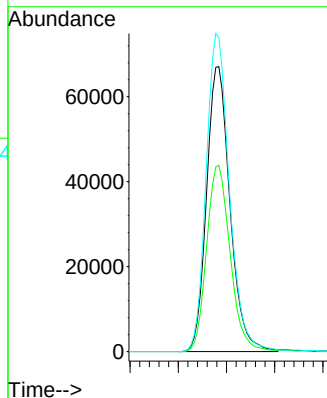
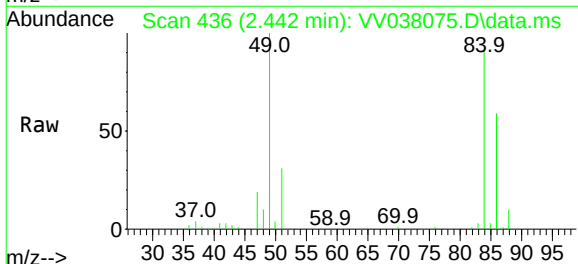
Tgt Ion: 84 Resp: 113240

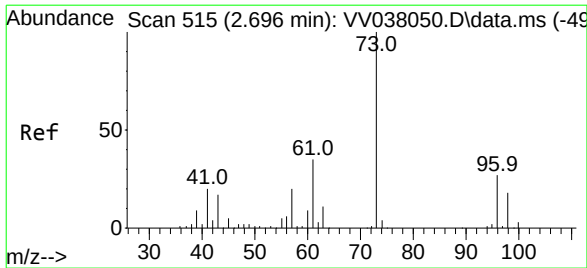
Ion Ratio Lower Upper

84 100

86 65.4 44.4 82.5

49 110.3 77.1 143.3

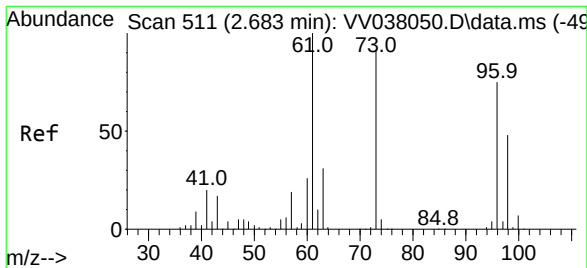
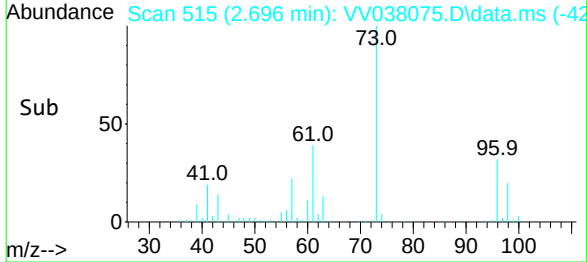
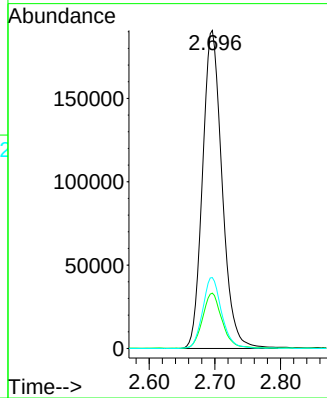
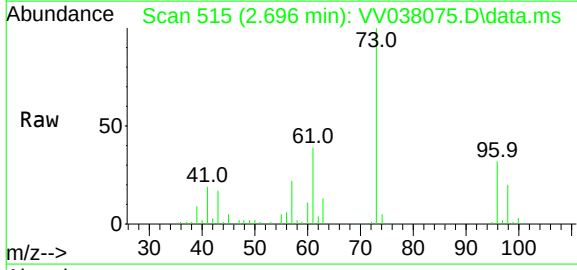




#17
Methyl tert-butyl Ether
Concen: 8.363 ug/L
RT: 2.696 min Scan# 511
Delta R.T. -0.000 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

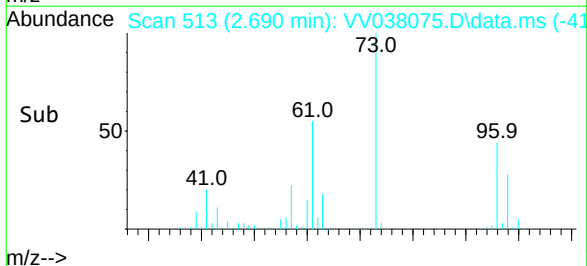
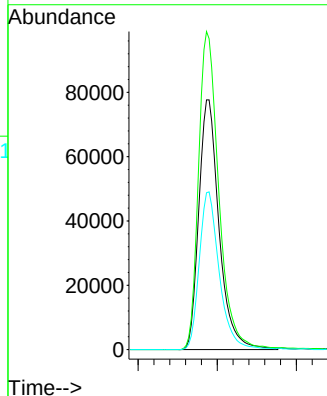
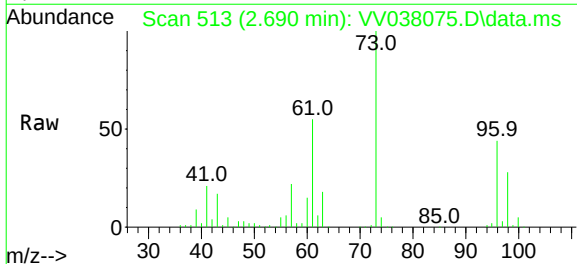
Instrument :
MSVOA_V
ClientSampleId :
H46W0MSD

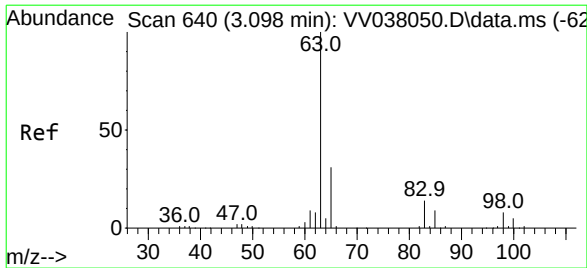
Tgt Ion:	73	Resp:	394970
Ion	Ratio	Lower	Upper
73	100		
43	17.2	14.1	21.1
57	21.6	17.2	25.8



#18
trans-1,2-Dichloroethene
Concen: 6.580 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

Tgt Ion:	96	Resp:	138029
Ion	Ratio	Lower	Upper
96	100		
61	124.5	90.2	167.6
98	63.2	45.7	84.9

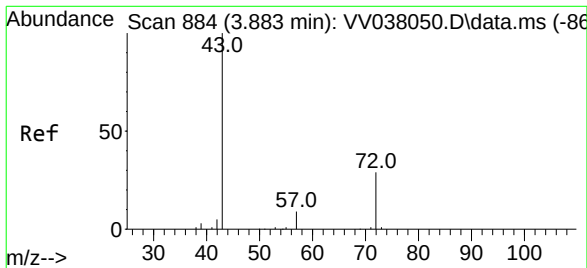
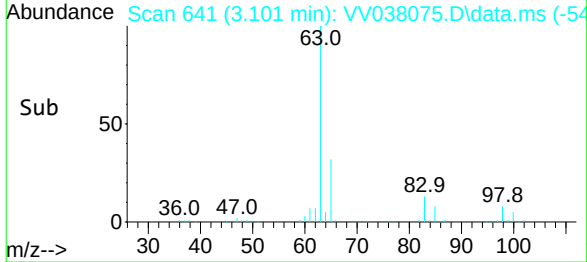
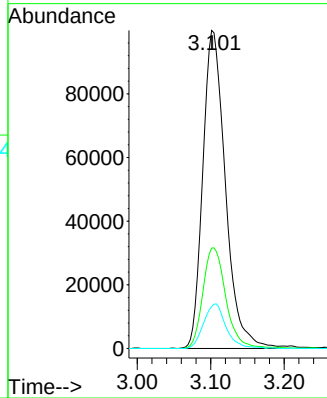
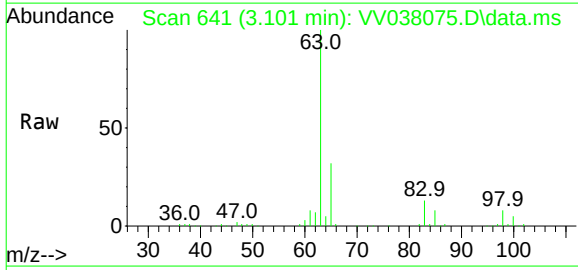




#19
1,1-Dichloroethane
Concen: 5.675 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.000 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

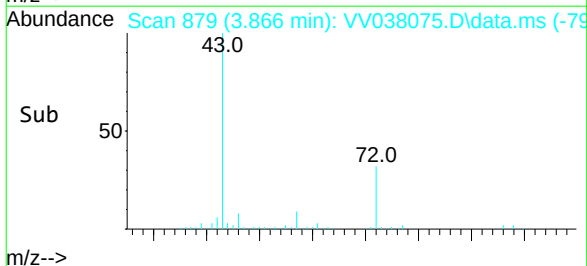
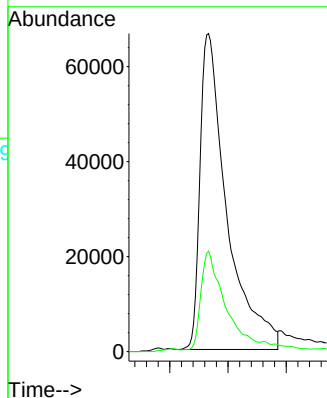
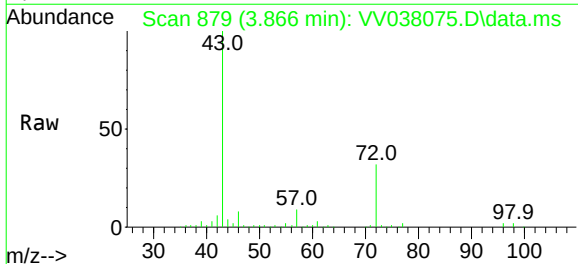
Instrument :
MSVOA_V
ClientSampleId :
H46W0MSD

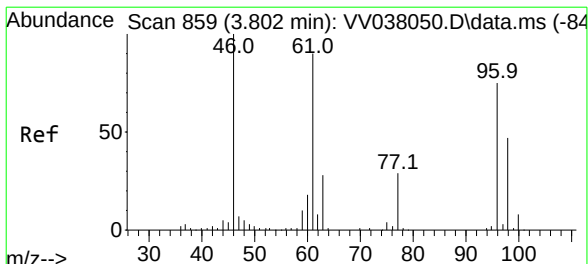
Tgt Ion:	63	Resp:	213866
Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.0	40.8
83	13.2	9.2	17.2



#21
2-Butanone
Concen: 43.361 ug/L
RT: 3.866 min Scan# 879
Delta R.T. -0.026 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

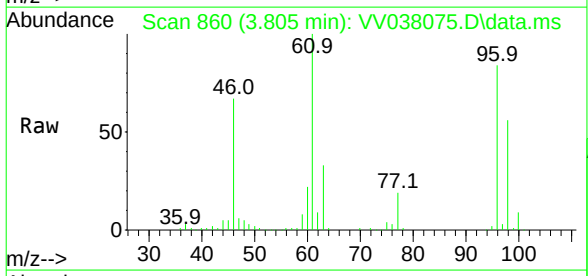
Tgt Ion:	43	Resp:	212897
Ion	Ratio	Lower	Upper
43	100		
72	27.6	14.2	42.6





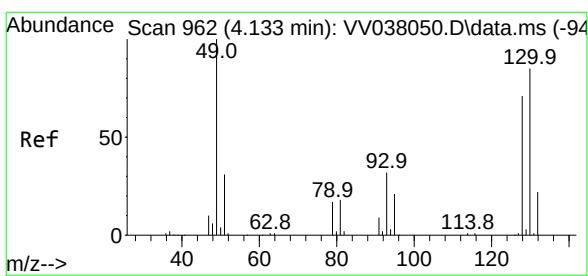
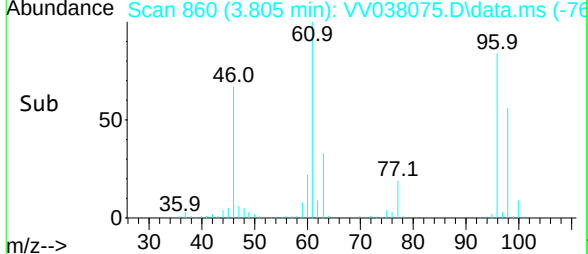
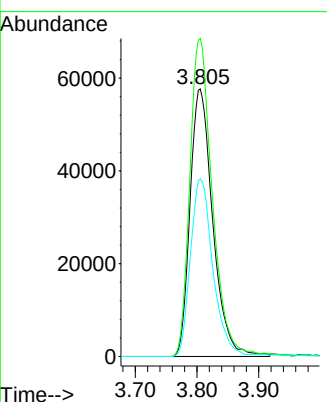
#22
 cis-1,2-Dichloroethene
 Concen: 6.693 ug/L
 RT: 3.805 min Scan# 860
 Delta R.T. 0.003 min
 Lab File: VV038075.D
 Acq: 14 Nov 2024 03:35

Instrument :
 MSVOA_V
 ClientSampleId :
 H46W0MSD



Tgt Ion: 96 Resp: 147555

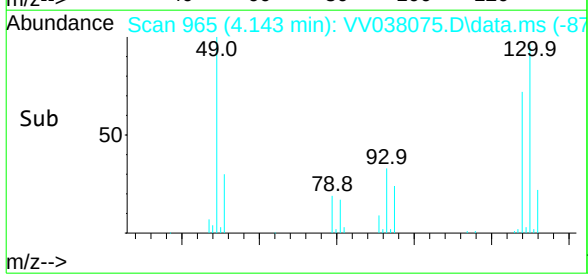
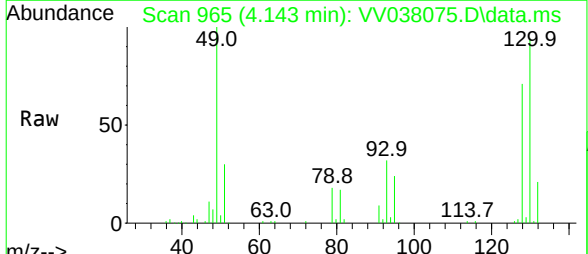
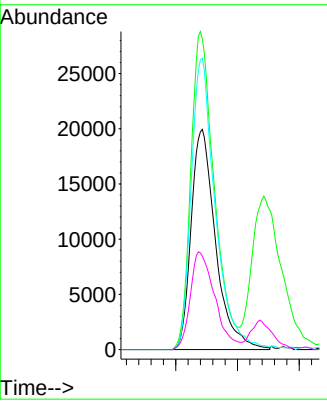
Ion	Ratio	Lower	Upper
96	100		
61	118.8	84.1	156.3
98	66.4	42.6	79.0

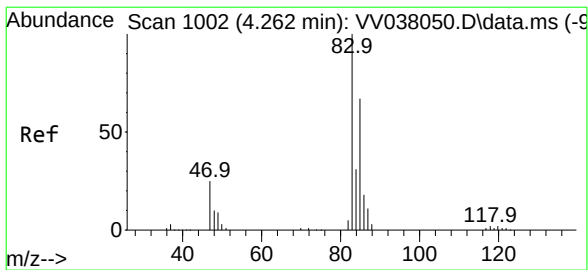


#23
 Bromochloromethane
 Concen: 5.417 ug/L
 RT: 4.143 min Scan# 965
 Delta R.T. 0.006 min
 Lab File: VV038075.D
 Acq: 14 Nov 2024 03:35

Tgt Ion: 128 Resp: 54847

Ion	Ratio	Lower	Upper
128	100		
49	141.1	100.4	186.4
130	132.4	86.1	159.9
51	42.4	36.5	54.7





#25

Chloroform

Concen: 5.201 ug/L

RT: 4.265 min Scan# 10

Delta R.T. -0.000 min

Lab File: VV038075.D

Acq: 14 Nov 2024 03:35

Instrument :

MSVOA_V

ClientSampleId :

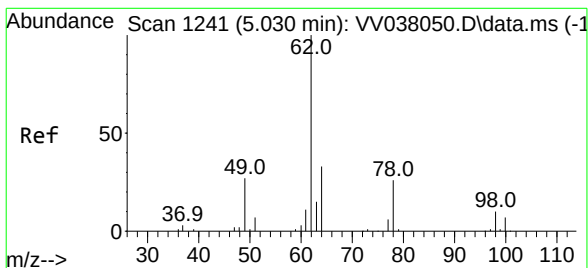
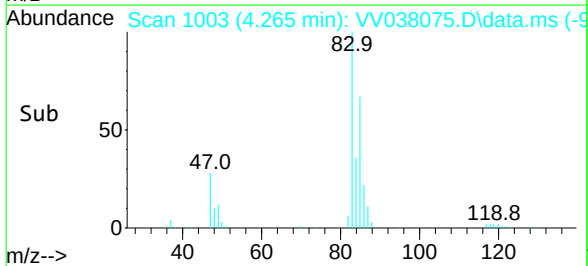
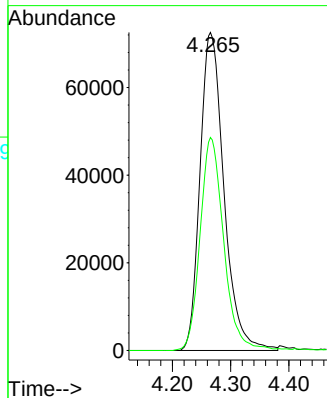
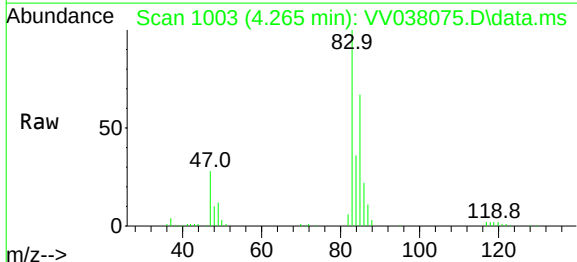
H46W0MSD

Tgt Ion: 83 Resp: 206967

Ion Ratio Lower Upper

83 100

85 67.0 45.1 83.7



#27

1,2-Dichloroethane

Concen: 5.197 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV038075.D

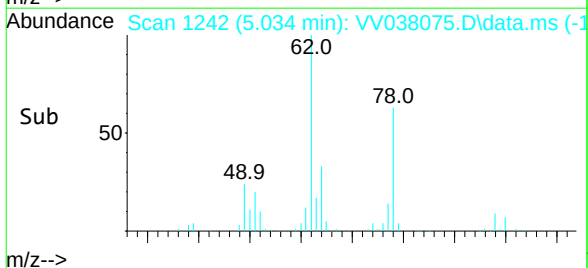
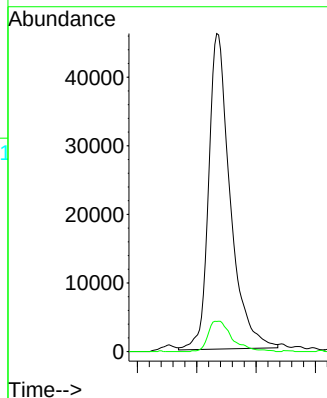
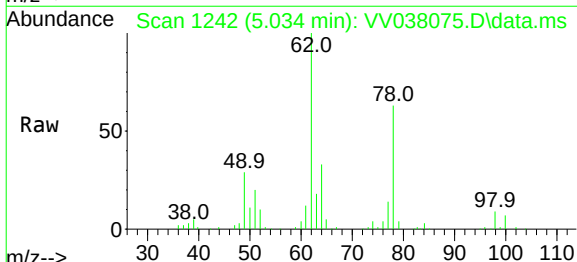
Acq: 14 Nov 2024 03:35

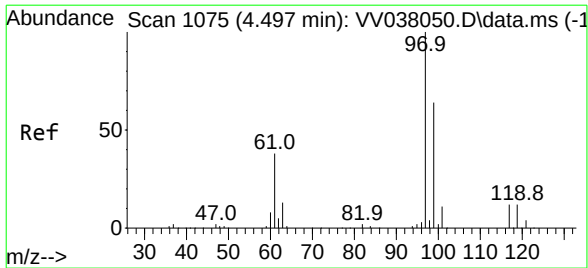
Tgt Ion: 62 Resp: 116277

Ion Ratio Lower Upper

62 100

98 9.5 8.3 12.5

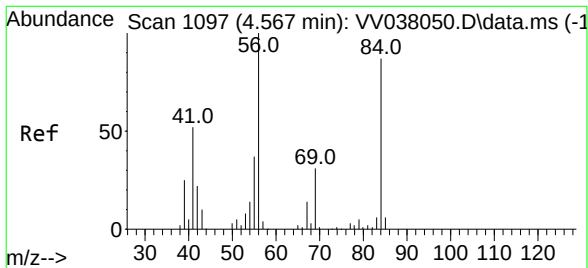
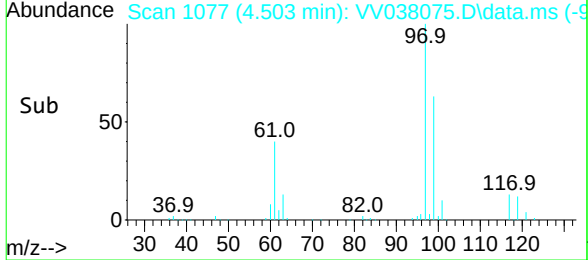
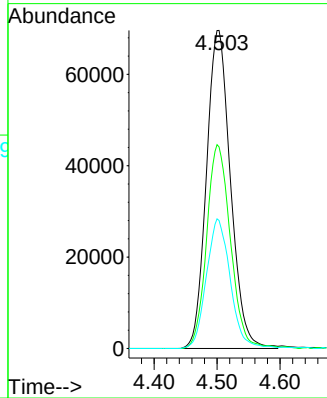
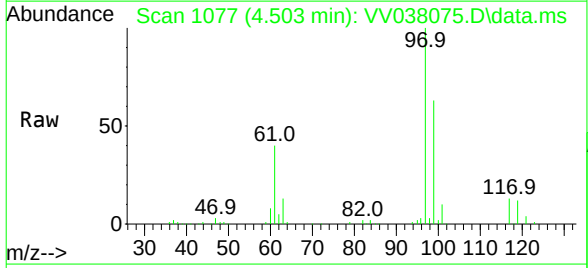




#29
1,1,1-Trichloroethane
Concen: 5.307 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

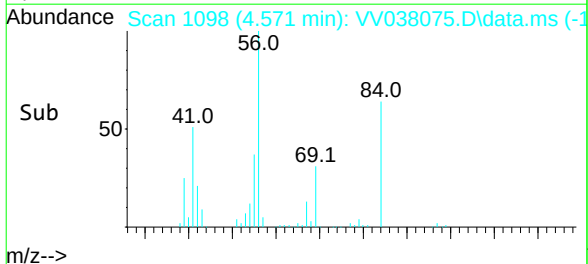
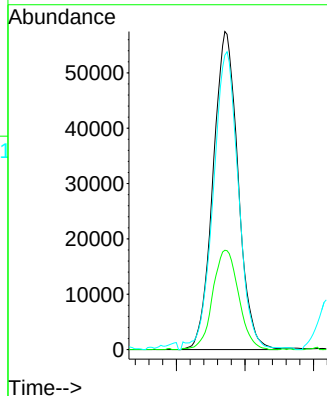
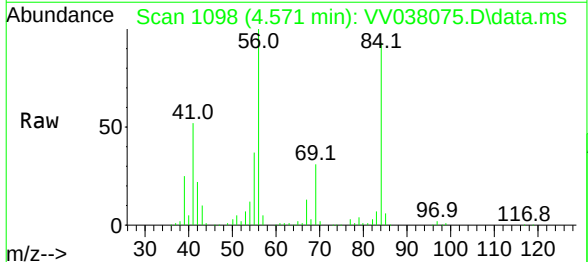
Instrument :
MSVOA_V
ClientSampleId :
H46W0MSD

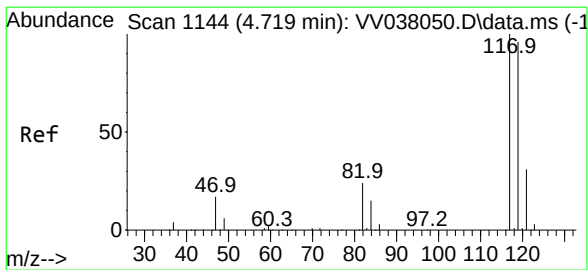
Tgt Ion:	97	Resp:	184733
Ion	Ratio	Lower	Upper
97	100		
99	63.1	52.3	78.5
61	40.2	33.6	50.4



#30
Cyclohexane
Concen: 4.719 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.000 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

Tgt Ion:	56	Resp:	145434
Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.4	38.2
84	94.2	75.7	113.5

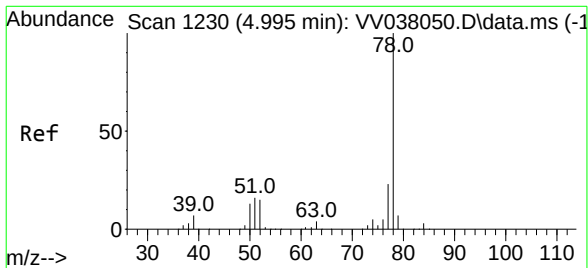
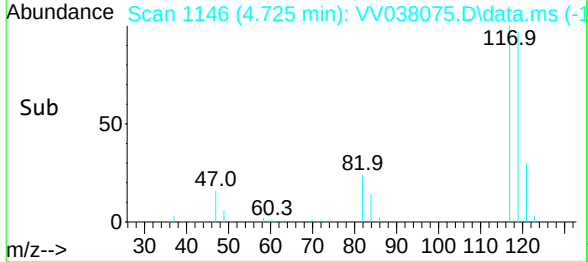
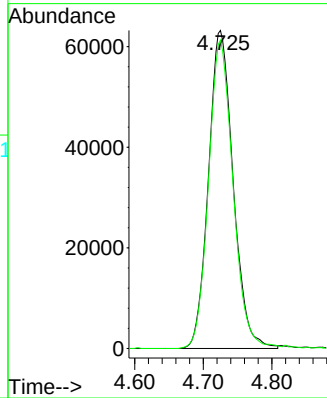
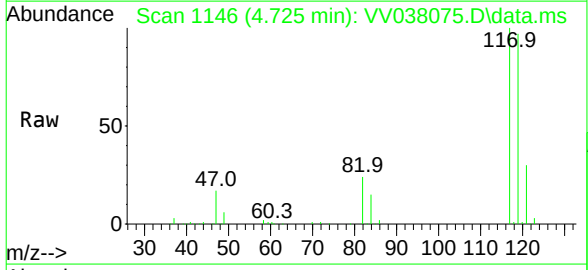




#31
Carbon tetrachloride
Concen: 5.212 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

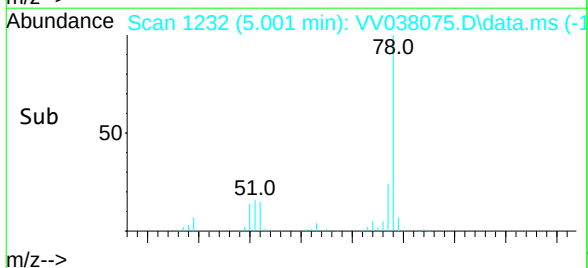
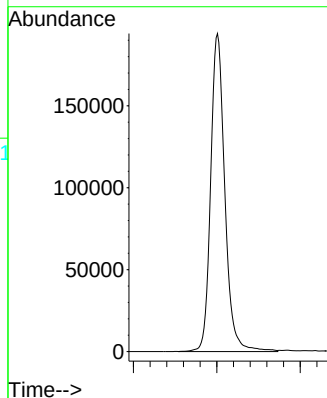
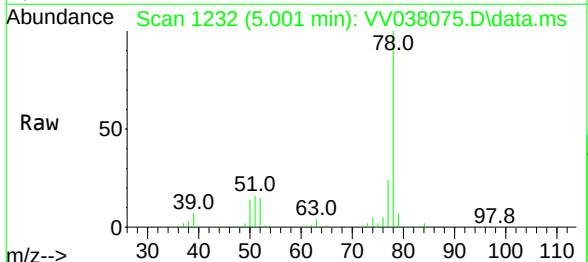
Instrument : MSVOA_V
ClientSampleId : H46W0MSD

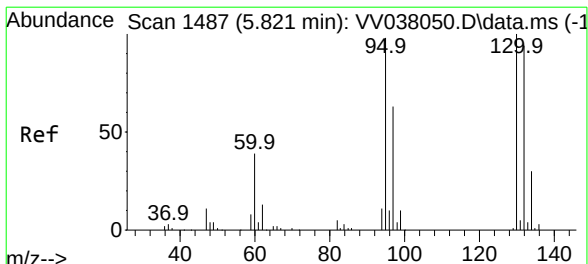
Tgt Ion: 117 Resp: 157983
Ion Ratio Lower Upper
117 100
119 96.2 76.6 115.0



#33
Benzene
Concen: 5.593 ug/L
RT: 5.001 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

Tgt Ion: 78 Resp: 458638

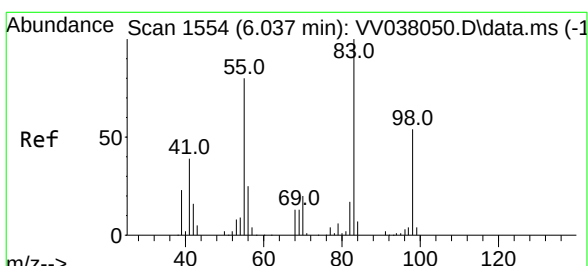
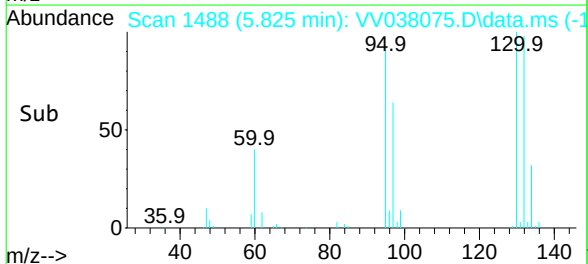
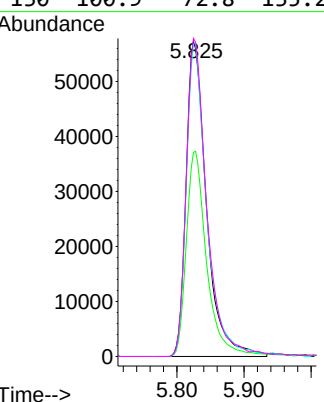
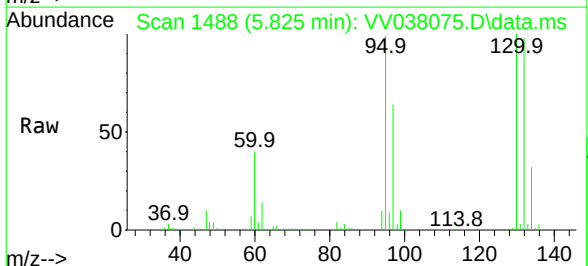




#34
 Trichloroethene
 Concen: 5.399 ug/L
 RT: 5.825 min Scan# 1487
 Delta R.T. -0.000 min
 Lab File: VV038075.D
 Acq: 14 Nov 2024 03:35

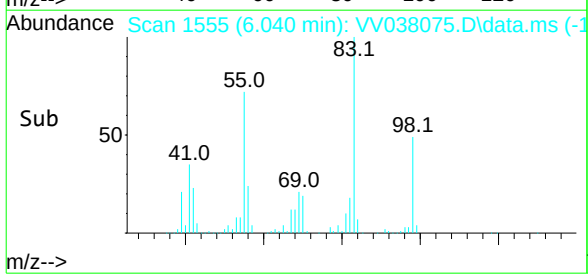
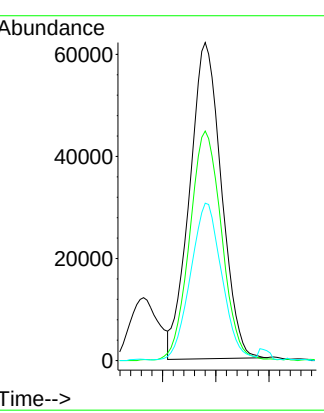
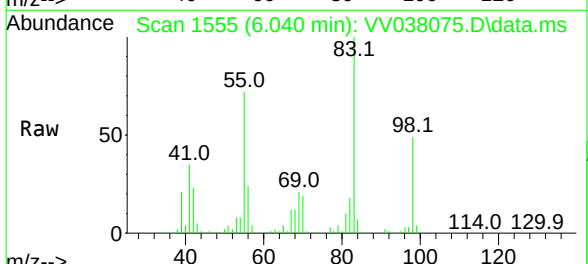
Instrument : MSVOA_V
 ClientSampleId : H46W0MSD

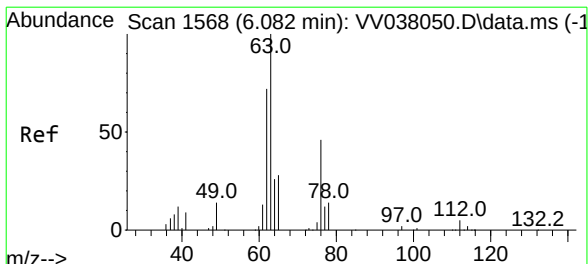
Tgt Ion:	95	Resp:	121020
Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.5	82.7
132	99.1	67.9	126.1
130	100.9	72.8	135.2



#35
 Methylcyclohexane
 Concen: 3.795 ug/L
 RT: 6.040 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VV038075.D
 Acq: 14 Nov 2024 03:35

Tgt Ion:	83	Resp:	128448
Ion	Ratio	Lower	Upper
83	100		
55	72.6	58.8	88.2
98	48.7	40.2	60.2

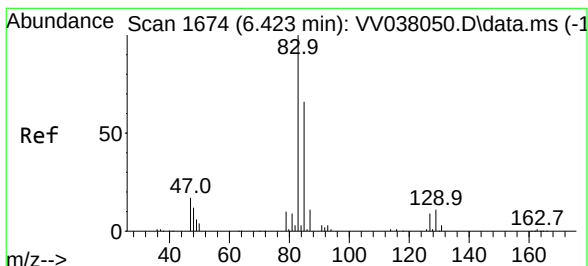
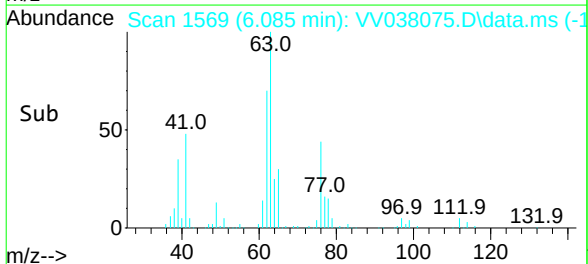
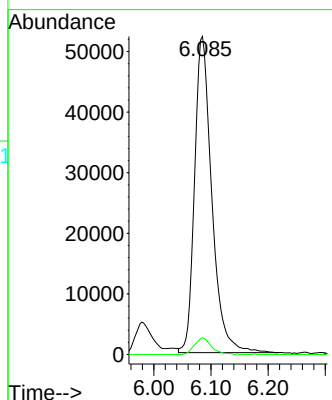
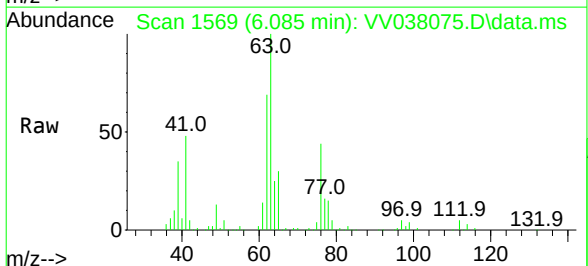




#37
 1,2-Dichloropropane
 Concen: 5.392 ug/L
 RT: 6.085 min Scan# 1569
 Delta R.T. 0.003 min
 Lab File: VV038075.D
 Acq: 14 Nov 2024 03:35

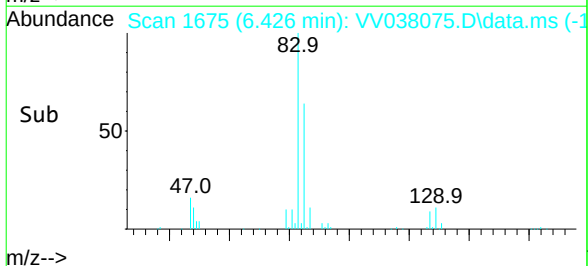
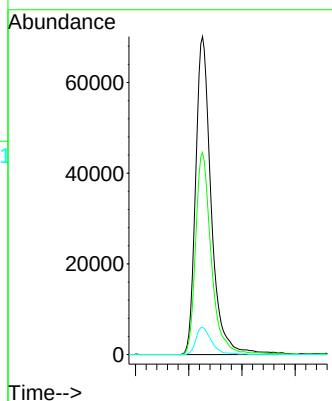
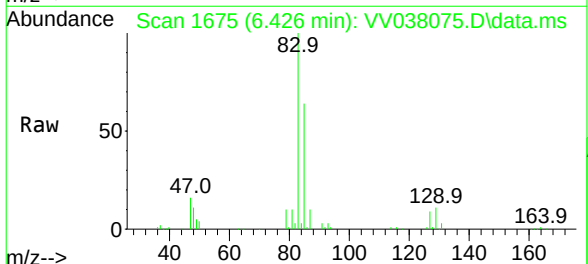
Instrument : MSVOA_V
 ClientSampleId : H46W0MSD

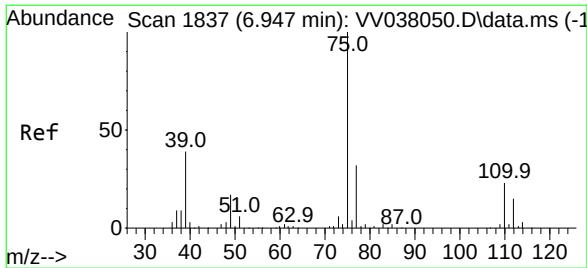
Tgt Ion: 63 Resp: 109382
 Ion Ratio Lower Upper
 63 100
 112 5.2 4.1 6.1



#38
 Bromodichloromethane
 Concen: 5.290 ug/L
 RT: 6.426 min Scan# 1675
 Delta R.T. 0.003 min
 Lab File: VV038075.D
 Acq: 14 Nov 2024 03:35

Tgt Ion: 83 Resp: 142564
 Ion Ratio Lower Upper
 83 100
 85 63.5 43.6 81.0
 127 8.6 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.553 ug/L

RT: 6.950 min Scan# 18

Delta R.T. 0.003 min

Lab File: VV038075.D

Acq: 14 Nov 2024 03:35

Instrument :

MSVOA_V

ClientSampleId :

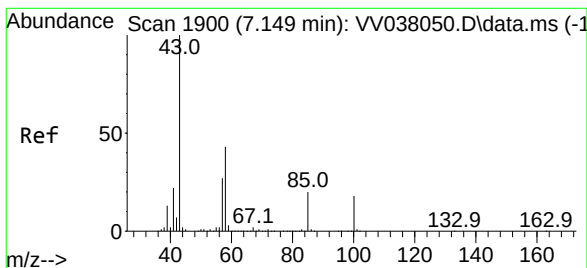
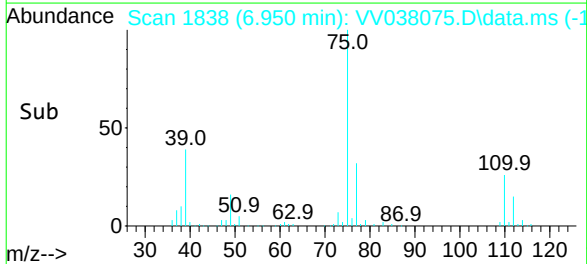
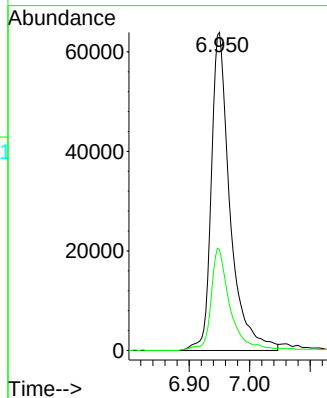
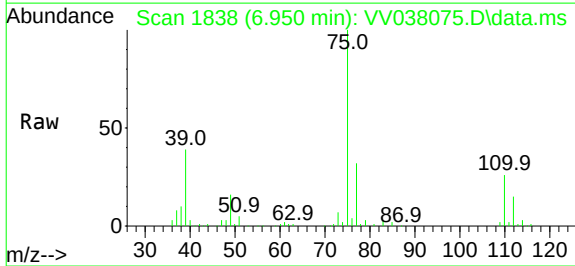
H46W0MSD

Tgt Ion: 75 Resp: 137680

Ion Ratio Lower Upper

75 100

77 31.7 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 50.441 ug/L

RT: 7.146 min Scan# 1899

Delta R.T. -0.003 min

Lab File: VV038075.D

Acq: 14 Nov 2024 03:35

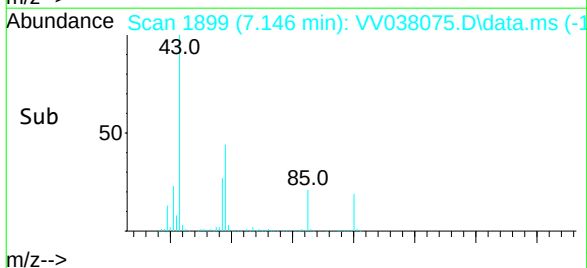
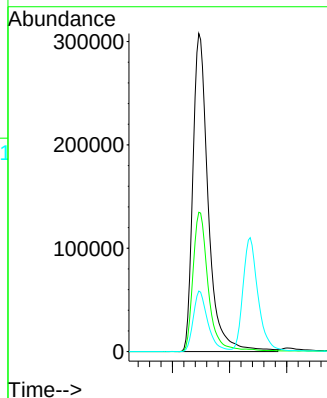
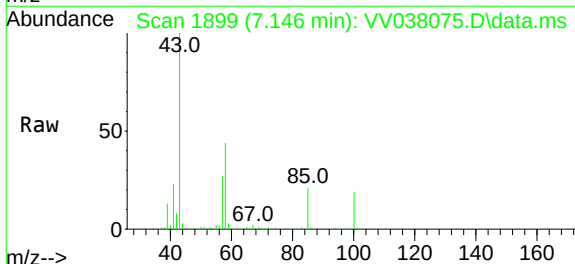
Tgt Ion: 43 Resp: 575250

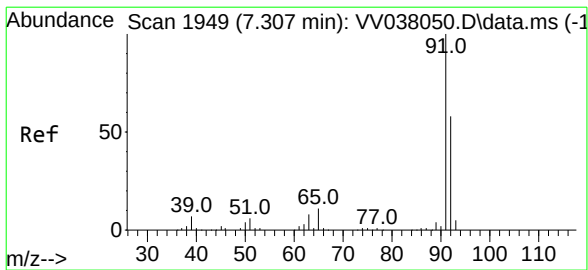
Ion Ratio Lower Upper

43 100

58 43.0 34.1 51.1

100 18.0 14.7 22.1





#42

Toluene

Concen: 5.485 ug/L

RT: 7.307 min Scan# 19

Delta R.T. -0.000 min

Lab File: VV038075.D

Acq: 14 Nov 2024 03:35

Instrument :

MSVOA_V

ClientSampleId :

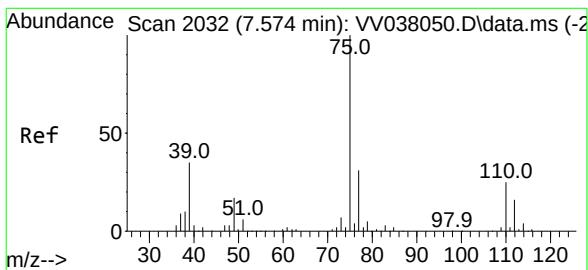
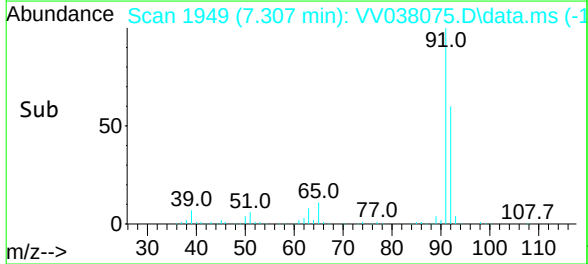
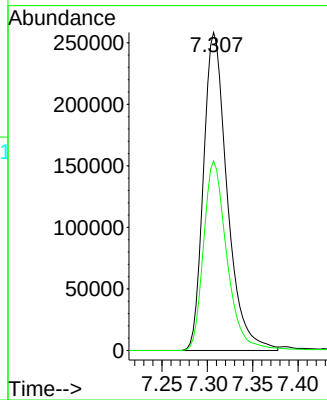
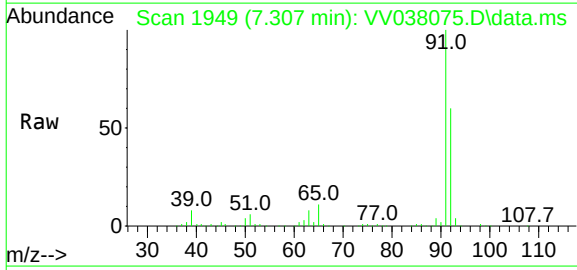
H46W0MSD

Tgt Ion: 91 Resp: 469869

Ion Ratio Lower Upper

91 100

92 59.6 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 4.426 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV038075.D

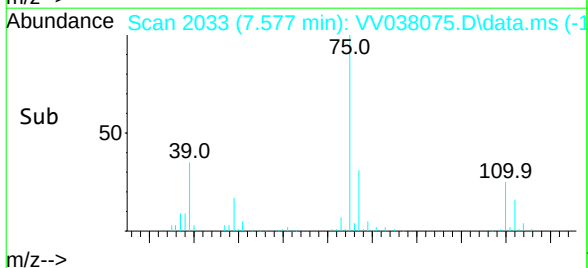
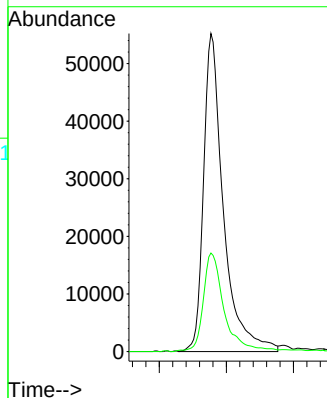
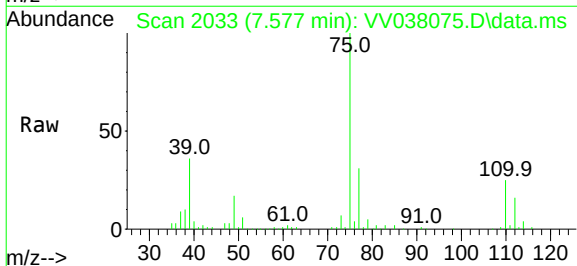
Acq: 14 Nov 2024 03:35

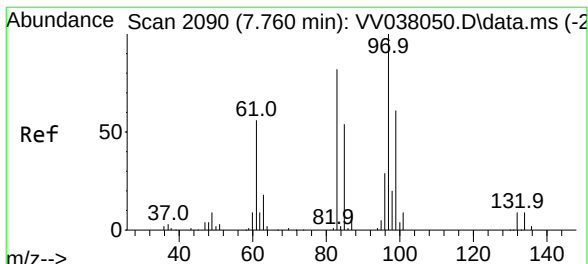
Tgt Ion: 75 Resp: 113612

Ion Ratio Lower Upper

75 100

77 31.0 23.6 43.8

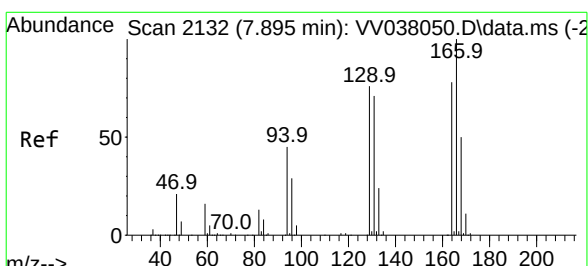
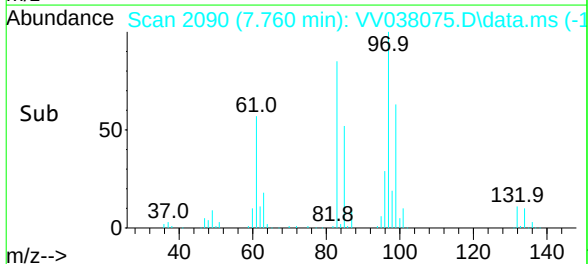
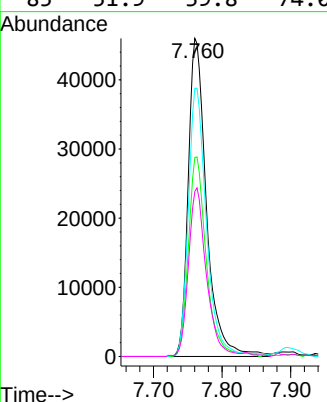
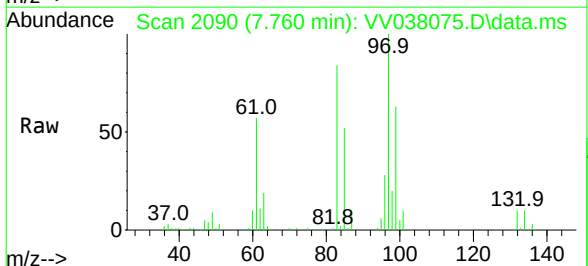




#45
 1,1,2-Trichloroethane
 Concen: 5.219 ug/L
 RT: 7.760 min Scan# 2090
 Delta R.T. -0.000 min
 Lab File: VV038075.D
 Acq: 14 Nov 2024 03:35

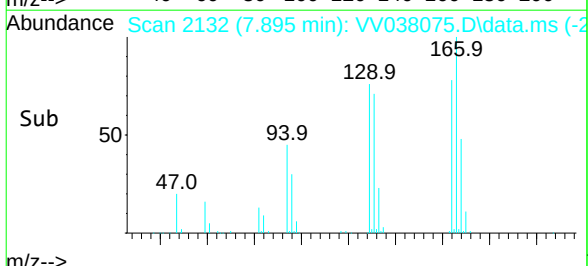
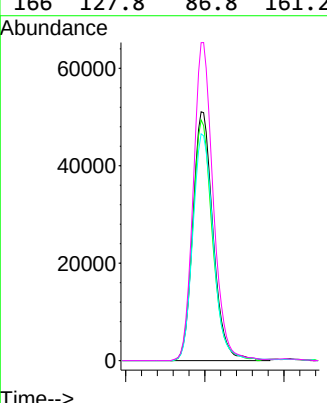
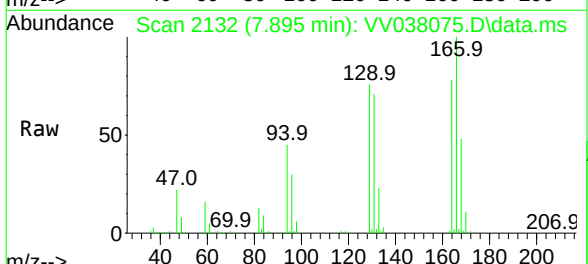
Instrument : MSVOA_V
 ClientSampleId : H46W0MSD

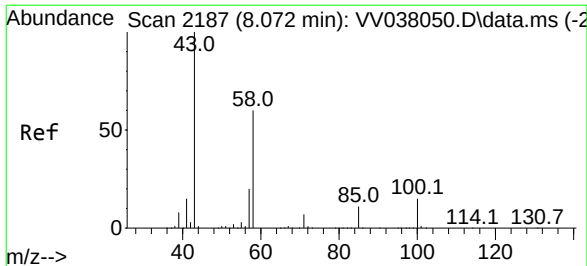
Tgt Ion:	97	Resp:	84916
Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.0	81.8
83	84.3	60.1	111.5
85	51.9	39.8	74.0



#47
 Tetrachloroethene
 Concen: 5.135 ug/L
 RT: 7.895 min Scan# 2132
 Delta R.T. -0.000 min
 Lab File: VV038075.D
 Acq: 14 Nov 2024 03:35

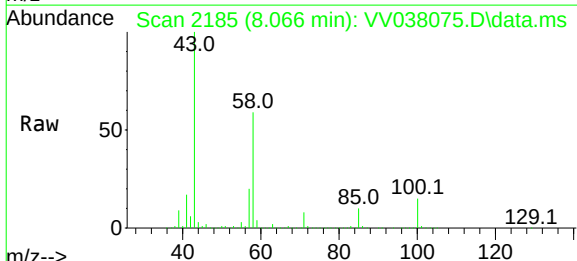
Tgt Ion:	164	Resp:	90326
Ion	Ratio	Lower	Upper
164	100		
129	96.7	67.8	125.8
131	91.1	62.6	116.3
166	127.8	86.8	161.2



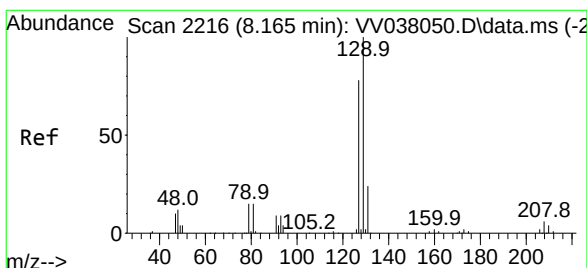
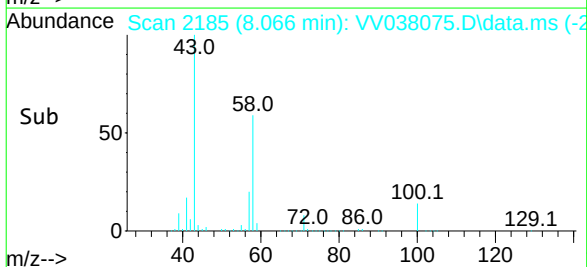
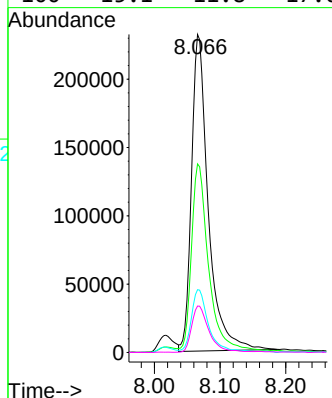


#48
2-Hexanone
Concen: 50.142 ug/L
RT: 8.066 min Scan# 2185
Delta R.T. -0.003 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

Instrument :
MSVOA_V
ClientSampleId :
H46W0MSD

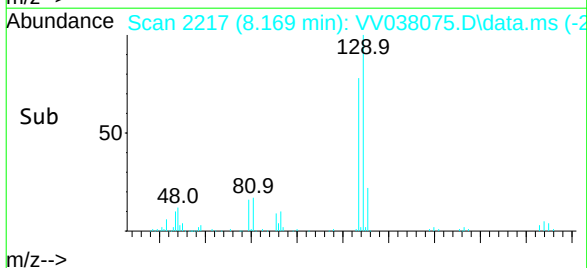
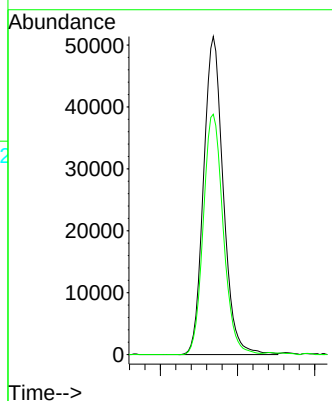
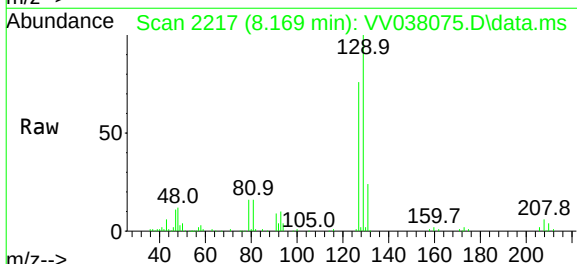


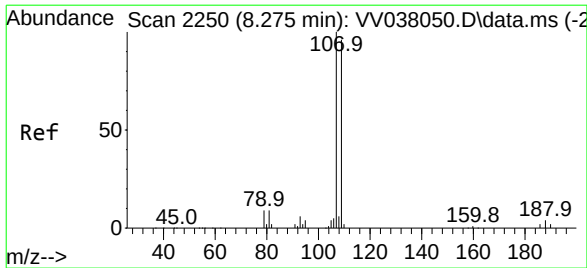
Tgt Ion:	43	58	57	100
Ratio	100	59.6	19.7	15.1
Lower		48.9	16.6	11.8
Upper		73.3	24.8	17.6



#49
Dibromochloromethane
Concen: 5.194 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

Tgt Ion:	129	127
Ratio	100	75.6
Lower		53.3
Upper		99.1

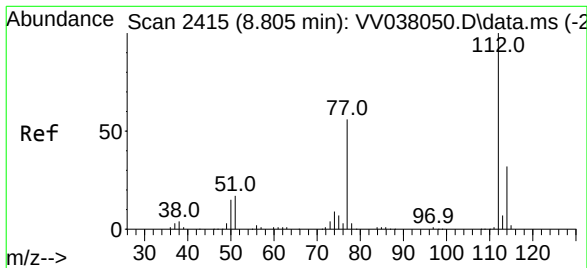
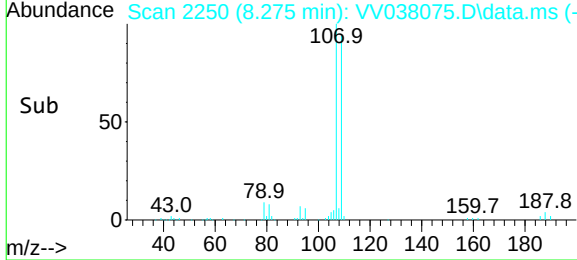
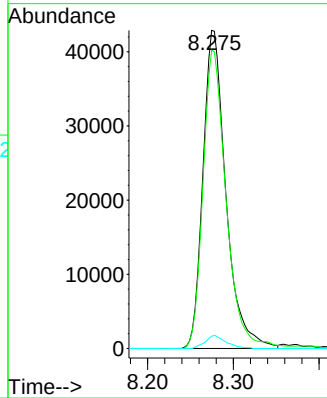
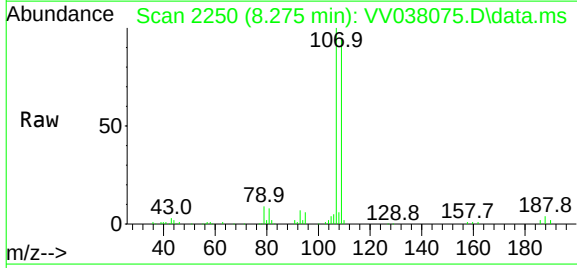




#50
1,2-Dibromoethane
Concen: 5.162 ug/L
RT: 8.275 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

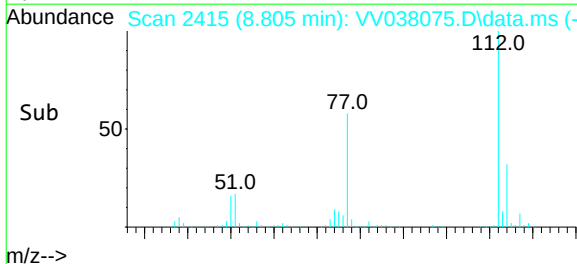
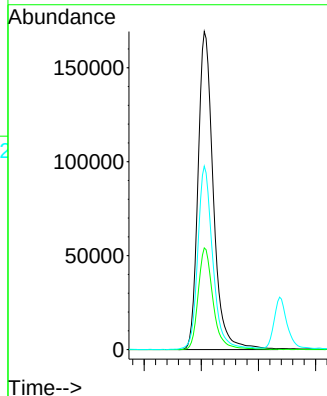
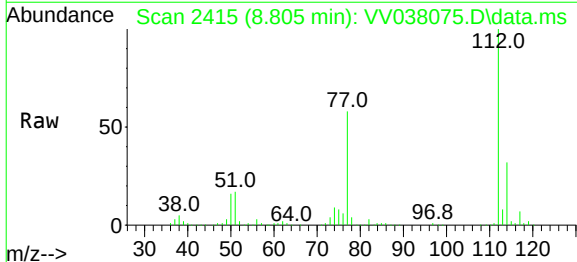
Instrument :
MSVOA_V
ClientSampleId :
H46W0MSD

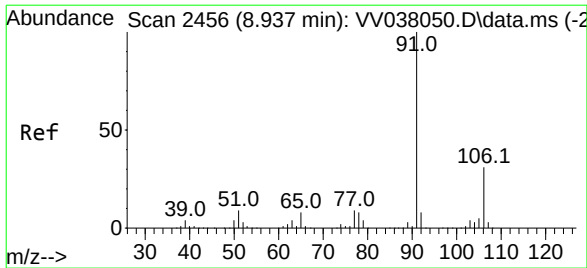
Tgt Ion:107 Resp: 79739
Ion Ratio Lower Upper
107 100
109 93.8 67.1 124.7
188 3.9 2.7 4.1



#51
Chlorobenzene
Concen: 5.393 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

Tgt Ion:112 Resp: 314798
Ion Ratio Lower Upper
112 100
114 32.0 22.3 41.3
77 57.7 46.5 69.7

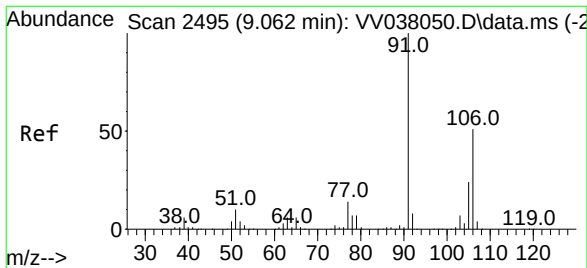
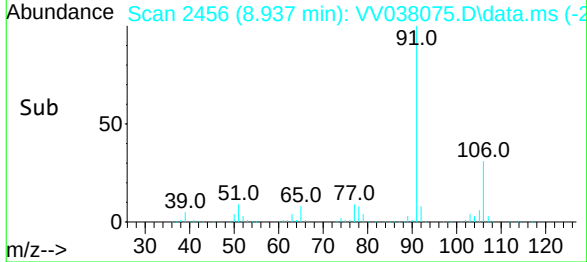
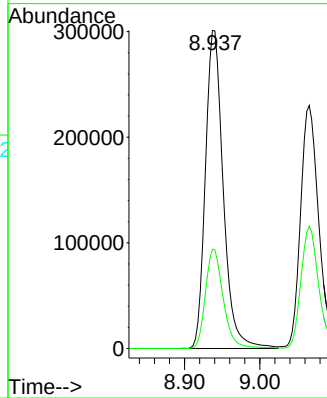
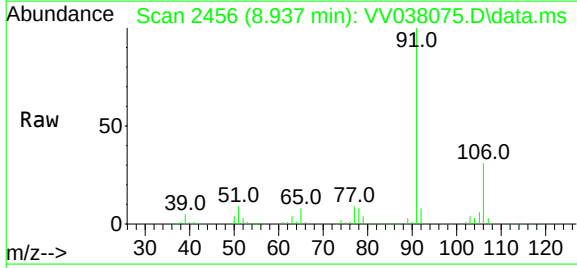




#52
Ethylbenzene
Concen: 5.331 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. -0.000 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

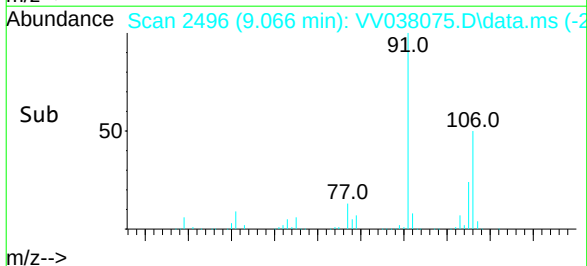
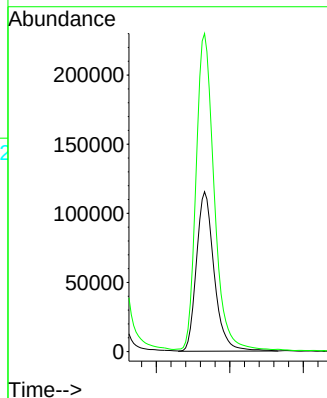
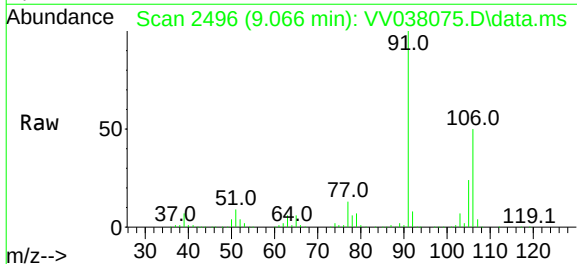
Instrument :
MSVOA_V
ClientSampleId :
H46W0MSD

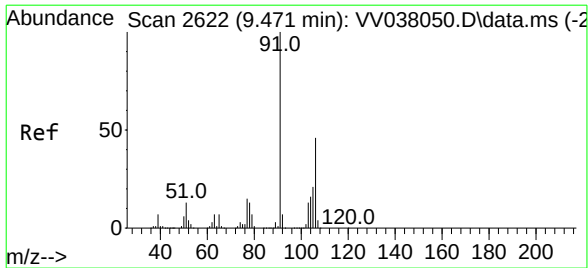
Tgt Ion: 91 Resp: 496096
Ion Ratio Lower Upper
91 100
106 31.2 21.6 40.0



#53
m,p-Xylene
Concen: 5.504 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. -0.000 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

Tgt Ion: 106 Resp: 193092
Ion Ratio Lower Upper
106 100
91 199.0 142.7 264.9

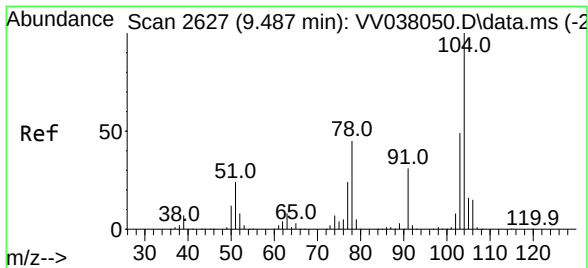
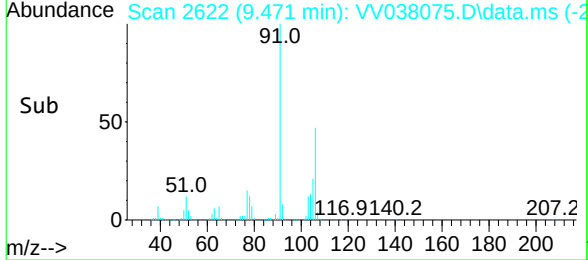
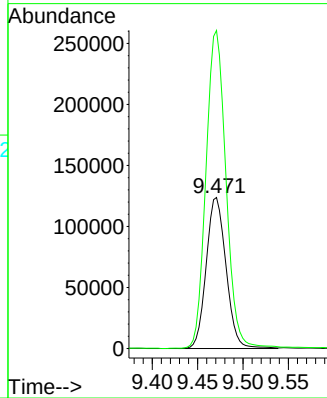
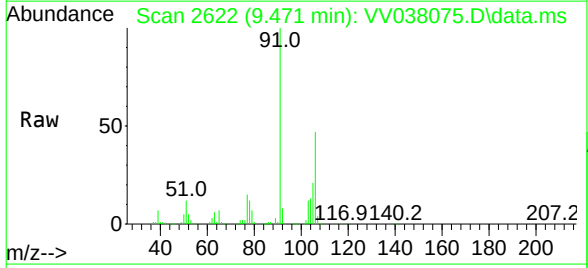




#54
o-Xylene
Concen: 5.543 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

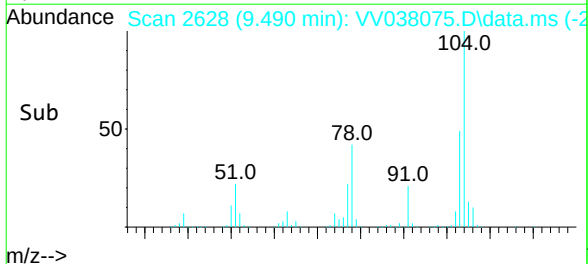
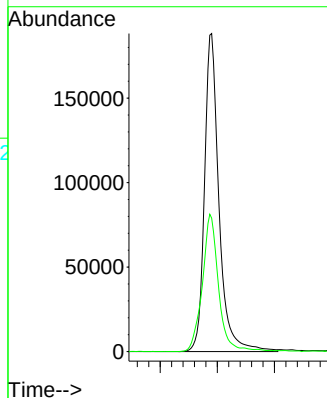
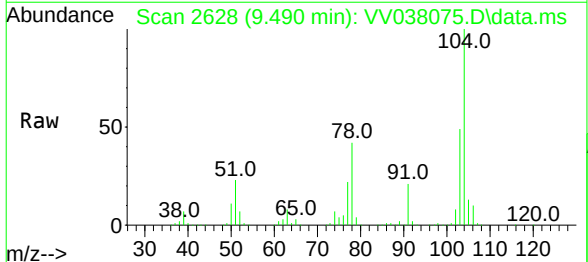
Instrument :
MSVOA_V
ClientSampleId :
H46W0MSD

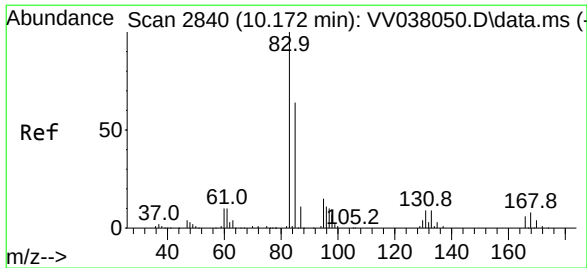
Tgt Ion:106 Resp: 188193
Ion Ratio Lower Upper
106 100
91 210.6 151.0 280.4



#55
Styrene
Concen: 5.610 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

Tgt Ion:104 Resp: 331772
Ion Ratio Lower Upper
104 100
78 42.0 30.1 55.9

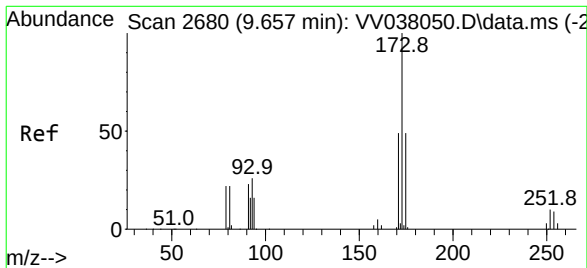
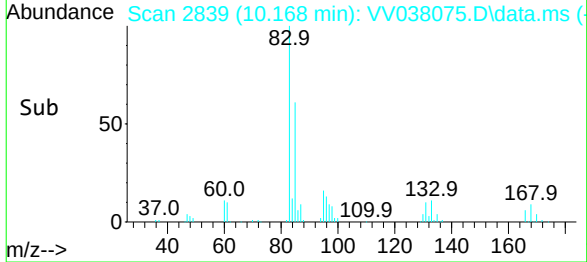
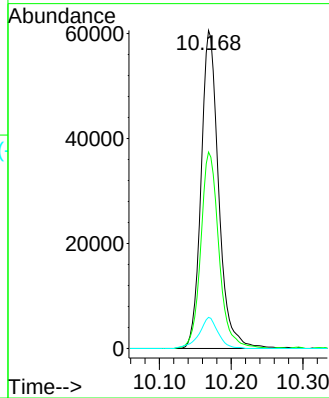
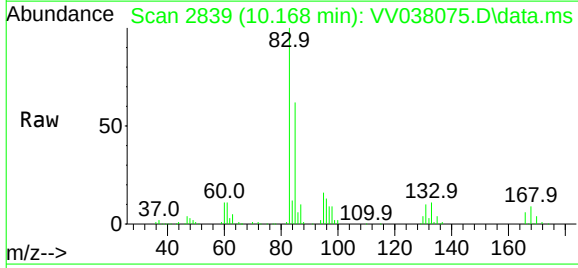




#57
1,1,2,2-Tetrachloroethane
Concen: 5.300 ug/L
RT: 10.168 min Scan# 2840
Delta R.T. -0.000 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

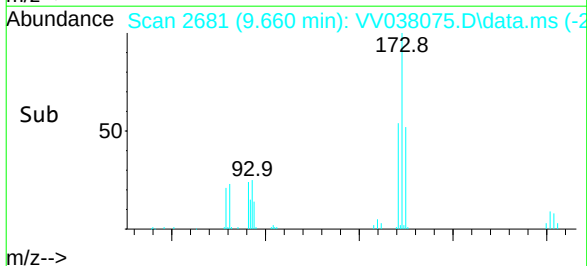
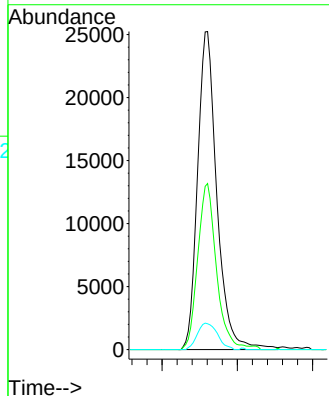
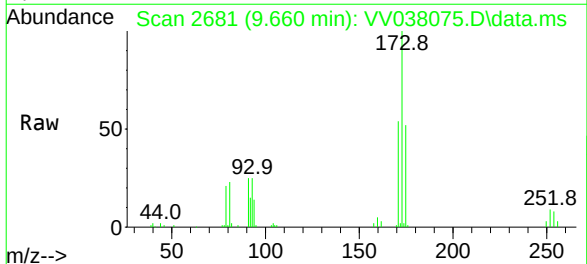
Instrument :
MSVOA_V
ClientSampleId :
H46W0MSD

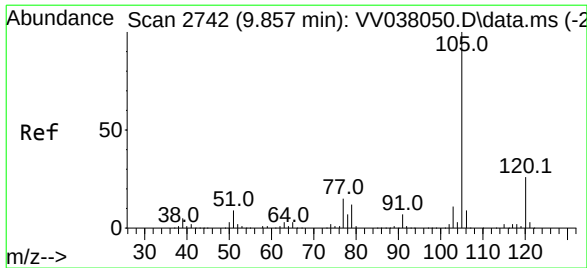
Tgt Ion:	83	Resp:	102939
Ion	Ratio	Lower	Upper
83	100		
85	61.8	44.4	82.4
131	9.8	7.8	11.6



#59
Bromoform
Concen: 4.994 ug/L
RT: 9.660 min Scan# 2681
Delta R.T. -0.000 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

Tgt Ion:	173	Resp:	44893
Ion	Ratio	Lower	Upper
173	100		
175	50.5	39.3	58.9
254	8.7	7.5	11.3

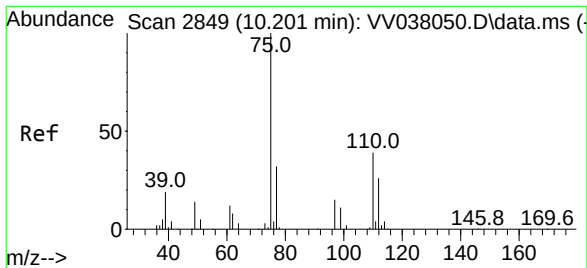
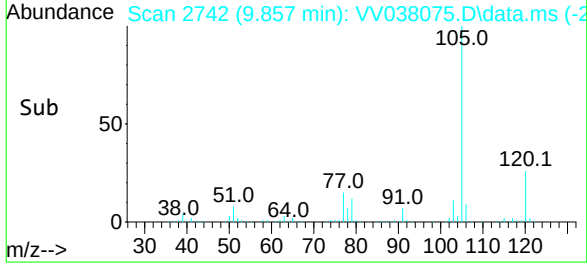
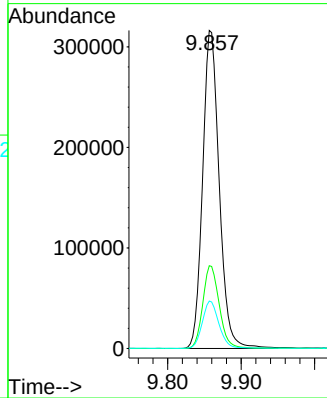
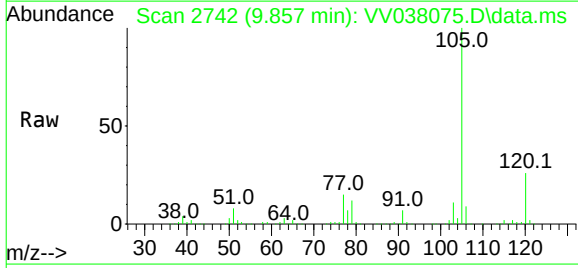




#60
Isopropylbenzene
Concen: 5.440 ug/L
RT: 9.857 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

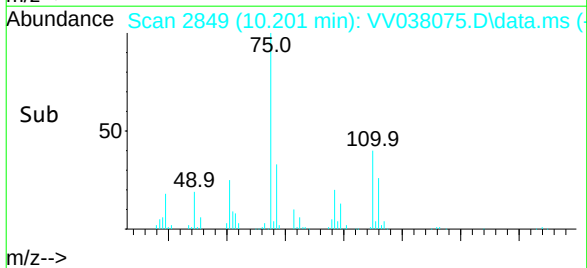
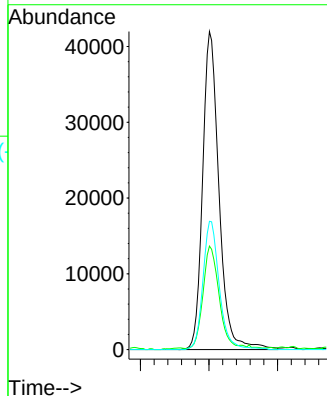
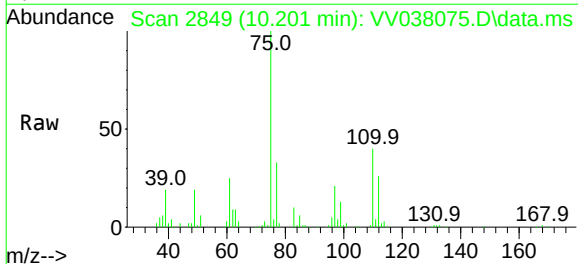
Instrument :
MSVOA_V
ClientSampleId :
H46W0MSD

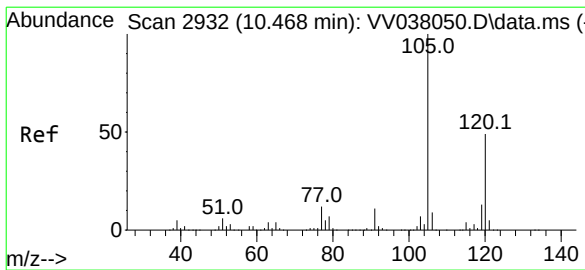
Tgt Ion:	105	Resp:	496197
Ion	Ratio	Lower	Upper
105	100		
120	25.8	20.8	31.2
77	15.0	12.1	18.1



#61
1,2,3-Trichloropropane
Concen: 5.227 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.000 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

Tgt Ion:	75	Resp:	69817
Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.3	37.9
110	40.3	33.5	50.3





#62

1,3,5-Trimethylbenzene

Concen: 5.356 ug/L

RT: 10.467 min Scan# 2932

Delta R.T. -0.000 min

Lab File: VV038075.D

Acq: 14 Nov 2024 03:35

Instrument :

MSVOA_V

ClientSampleId :

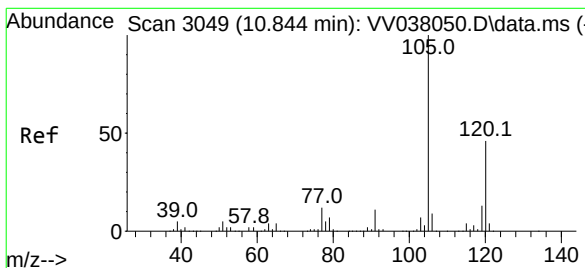
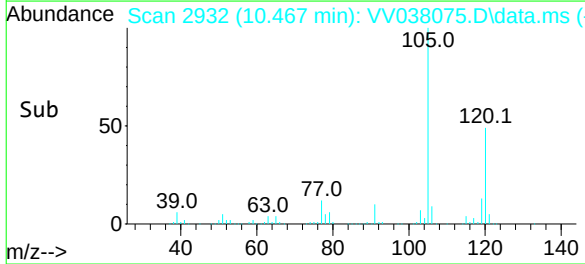
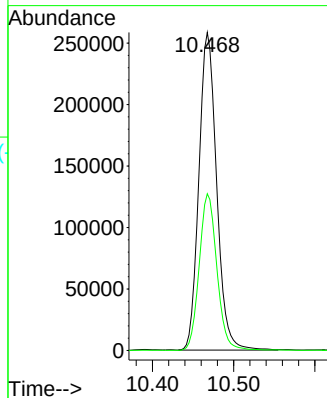
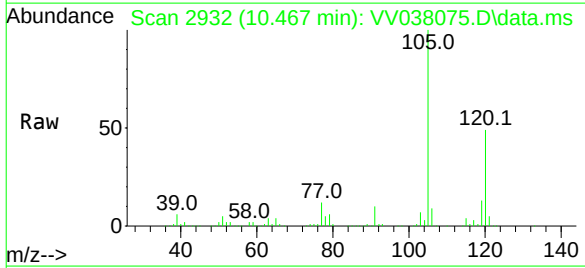
H46W0MSD

Tgt Ion:105 Resp: 391251

Ion Ratio Lower Upper

105 100

120 49.2 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 5.437 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV038075.D

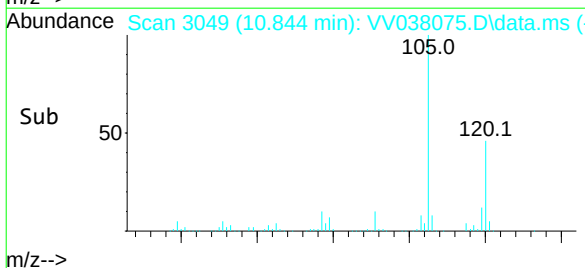
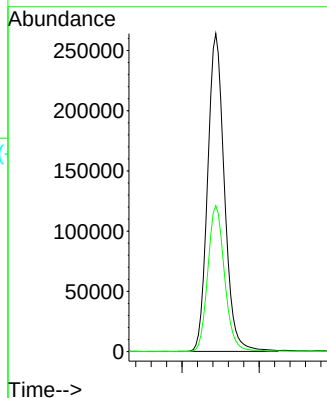
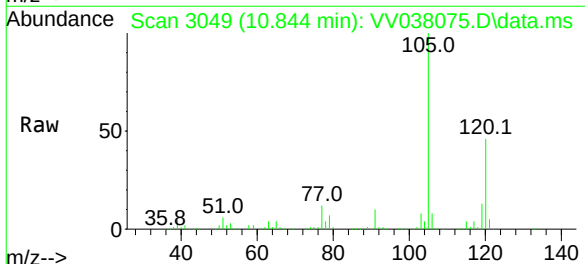
Acq: 14 Nov 2024 03:35

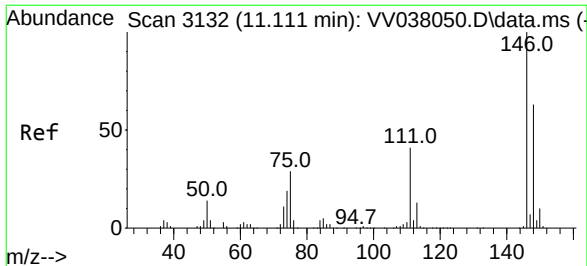
Tgt Ion:105 Resp: 397946

Ion Ratio Lower Upper

105 100

120 46.1 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 5.314 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.000 min

Lab File: VV038075.D

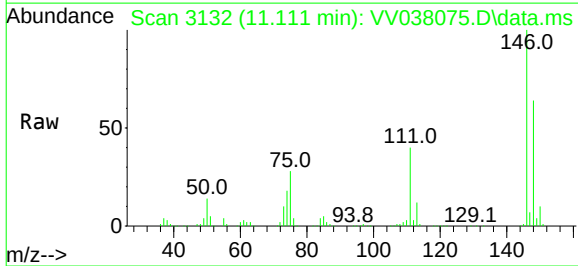
Acq: 14 Nov 2024 03:35

Instrument :

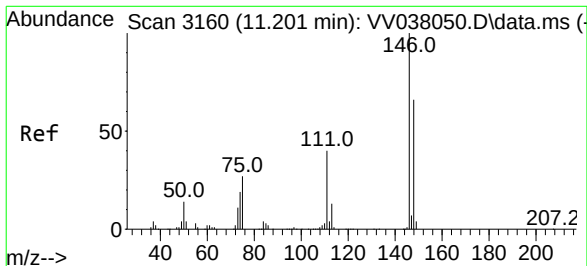
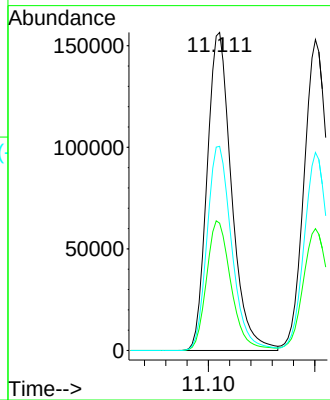
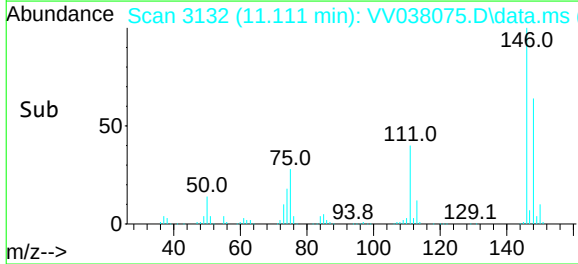
MSVOA_V

ClientSampleId :

H46W0MSD



Tgt Ion:	146	Resp:	250014
Ion	Ratio	Lower	Upper
146	100		
111	40.0	27.6	51.4
148	64.2	43.9	81.5



#65

1,4-Dichlorobenzene

Concen: 5.279 ug/L

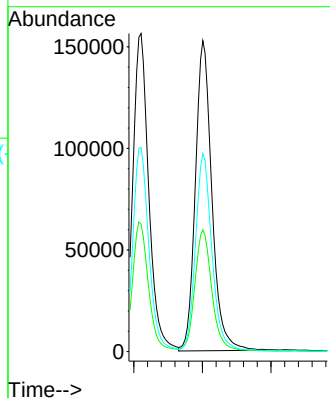
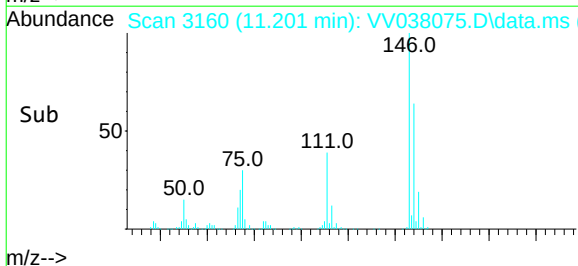
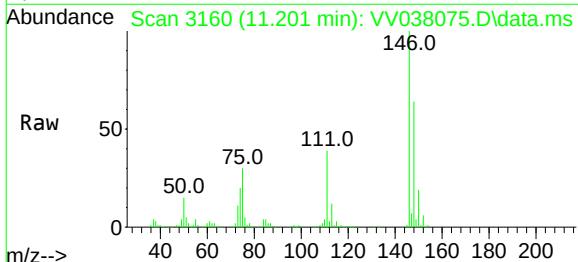
RT: 11.201 min Scan# 3160

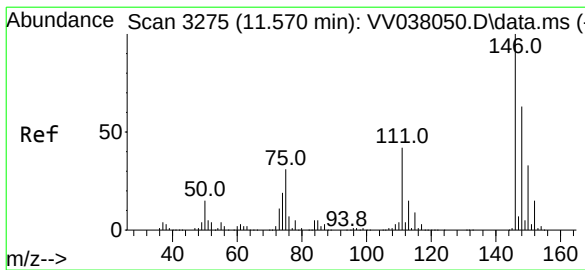
Delta R.T. -0.000 min

Lab File: VV038075.D

Acq: 14 Nov 2024 03:35

Tgt Ion:	146	Resp:	255511
Ion	Ratio	Lower	Upper
146	100		
111	39.2	27.8	51.6
148	63.7	44.7	83.1





#67

1,2-Dichlorobenzene

Concen: 5.381 ug/L

RT: 11.570 min Scan# 3275

Delta R.T. -0.000 min

Lab File: VV038075.D

Acq: 14 Nov 2024 03:35

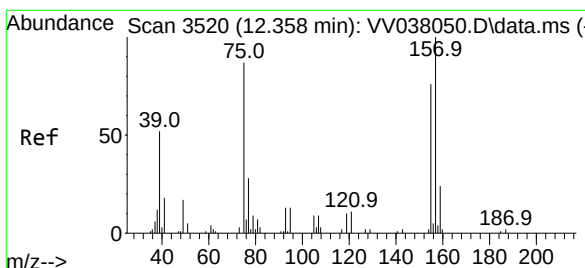
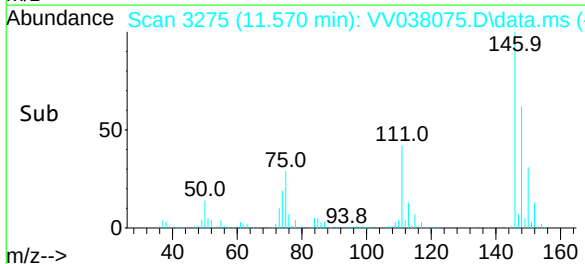
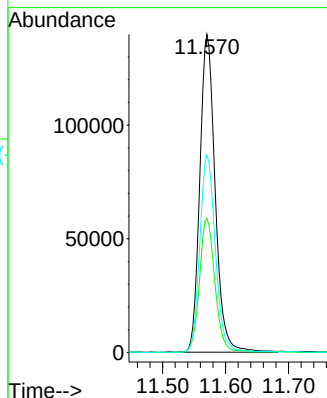
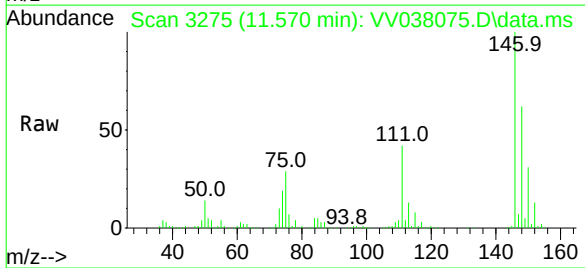
Instrument :

MSVOA_V

ClientSampleId :

H46W0MSD

Tgt Ion:	146	Resp:	236720
Ion	Ratio	Lower	Upper
146	100		
111	42.2	34.5	51.7
148	62.1	50.4	75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.839 ug/L

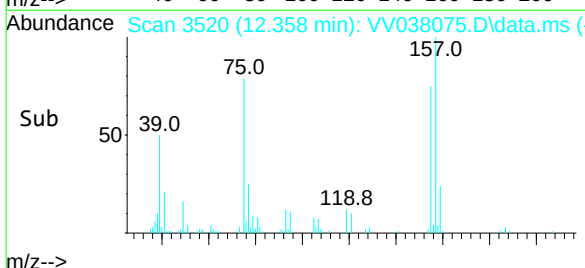
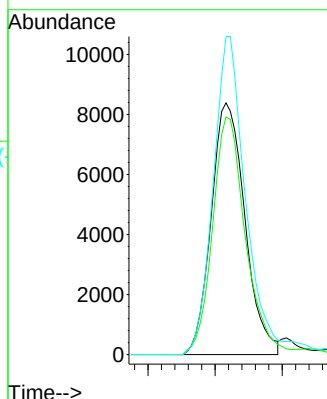
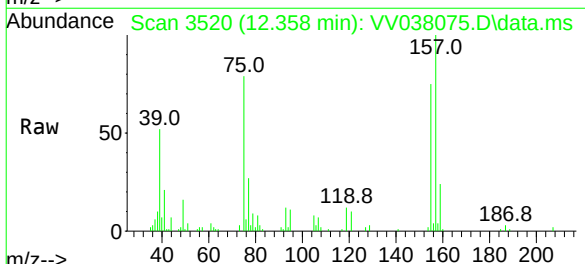
RT: 12.358 min Scan# 3520

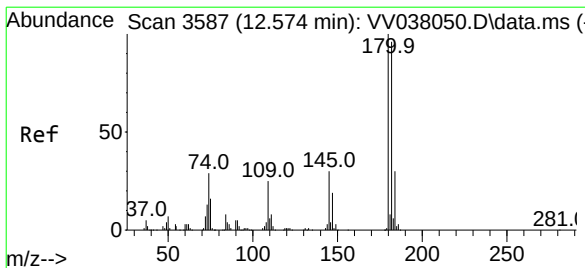
Delta R.T. -0.000 min

Lab File: VV038075.D

Acq: 14 Nov 2024 03:35

Tgt Ion:	75	Resp:	14654
Ion	Ratio	Lower	Upper
75	100		
155	94.4	72.0	108.0
157	126.3	85.4	128.0





#69

1,3,5-Trichlorobenzene

Concen: 4.969 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

Lab File: VV038075.D

Acq: 14 Nov 2024 03:35

Instrument :

MSVOA_V

ClientSampleId :

H46W0MSD

Tgt Ion:180 Resp: 171946

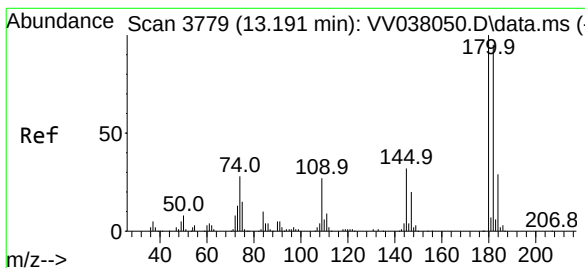
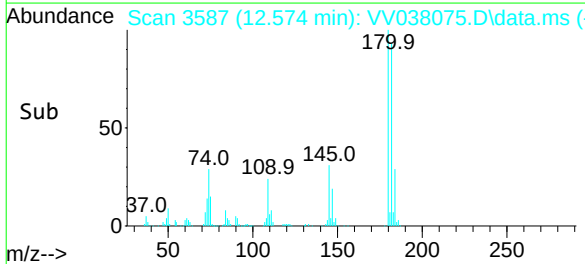
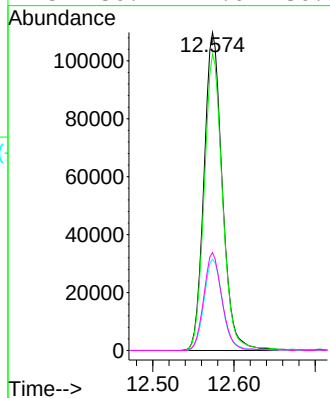
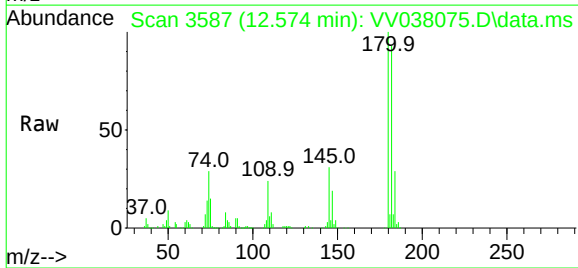
Ion Ratio Lower Upper

180 100

182 92.9 76.2 114.2

184 29.0 24.2 36.2

145 30.4 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 4.914 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV038075.D

Acq: 14 Nov 2024 03:35

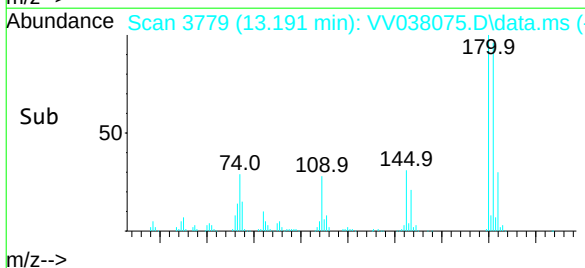
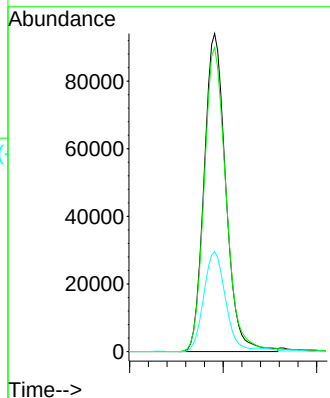
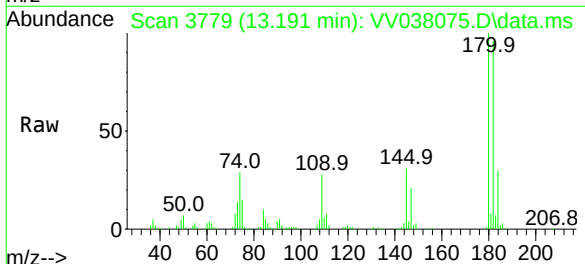
Tgt Ion:180 Resp: 150996

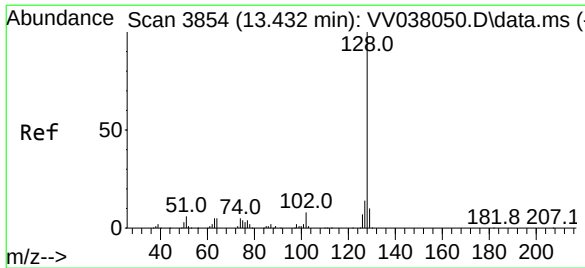
Ion Ratio Lower Upper

180 100

182 97.5 74.6 112.0

145 31.4 24.8 37.2

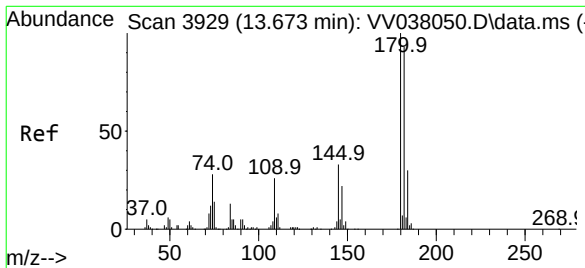
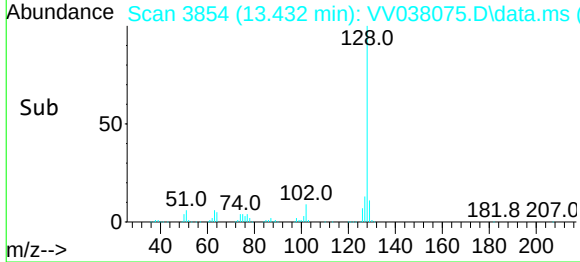
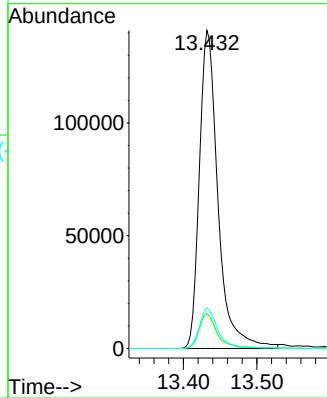
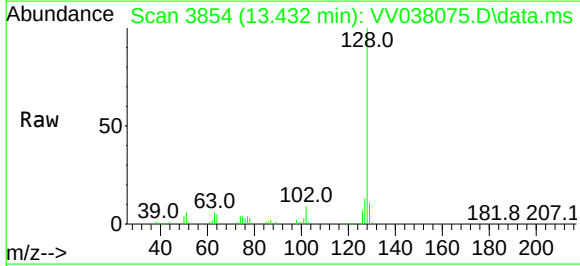




#71
Naphthalene
Concen: 4.438 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. -0.000 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

Instrument :
MSVOA_V
ClientSampleId :
H46W0MSD

Tgt Ion:	128	Resp:	248195
Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.6	12.8
127	12.5	9.9	14.9



#72
1,2,3-Trichlorobenzene
Concen: 4.835 ug/L
RT: 13.670 min Scan# 3928
Delta R.T. -0.003 min
Lab File: VV038075.D
Acq: 14 Nov 2024 03:35

Tgt Ion:	180	Resp:	140188
Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.6	114.8
145	33.3	26.2	39.2

