

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111124\
 Data File : VV038011.D
 Acq On : 11 Nov 2024 21:18
 Operator : SY/MD
 Sample : P4749-10MSD
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GCP83MSD

Quant Time: Nov 12 04:45:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 12 04:39:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	288728	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	290652	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	162697	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	81624	3.693	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.800%
7) Chloroethane-d5	1.529	69	66623	3.699	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.053	65	37097	3.868	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	3.812	46	221799	53.847	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.700%
24) Chloroform-d	4.243	84	188794	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	4.937	65	84652	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	4.953	84	328877	4.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	5.982	67	97189	4.440	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.236	98	317821	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	7.551	79	39261	4.639	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.021	63	193442	58.812	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.620%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	94009	5.327	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	121085	4.512	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.105	85	278794	9.673	ug/L	99
3) Chloromethane	1.214	50	262932	9.695	ug/L	99
5) Vinyl chloride	1.281	62	277003	10.264	ug/L	100
6) Bromomethane	1.484	94	155839	10.207	ug/L	100
8) Chloroethane	1.545	64	168409	10.488	ug/L	97
9) Trichlorofluoromethane	1.709	101	388202	10.353	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	216132	10.071	ug/L	100
12) 1,1-Dichloroethene	2.063	96	208641	10.579	ug/L #	79
13) Acetone	2.143	43	387093	132.390	ug/L	96
14) Carbon disulfide	2.233	76	669278	10.002	ug/L	100
15) Methyl Acetate	2.384	43	81033	11.708	ug/L	100
16) Methylene chloride	2.442	84	241523	10.490	ug/L	99
17) Methyl tert-butyl Ether	2.699	73	546004	12.380	ug/L	98
18) trans-1,2-Dichloroethene	2.687	96	230915	10.840	ug/L	98
19) 1,1-Dichloroethane	3.104	63	418045	10.802	ug/L	100
21) 2-Butanone	3.883	43	574378	132.181	ug/L	96
22) cis-1,2-Dichloroethene	3.805	96	314280	14.001	ug/L	99
23) Bromochloromethane	4.137	128	119255	11.766	ug/L	96
25) Chloroform	4.268	83	467401	11.496	ug/L	99

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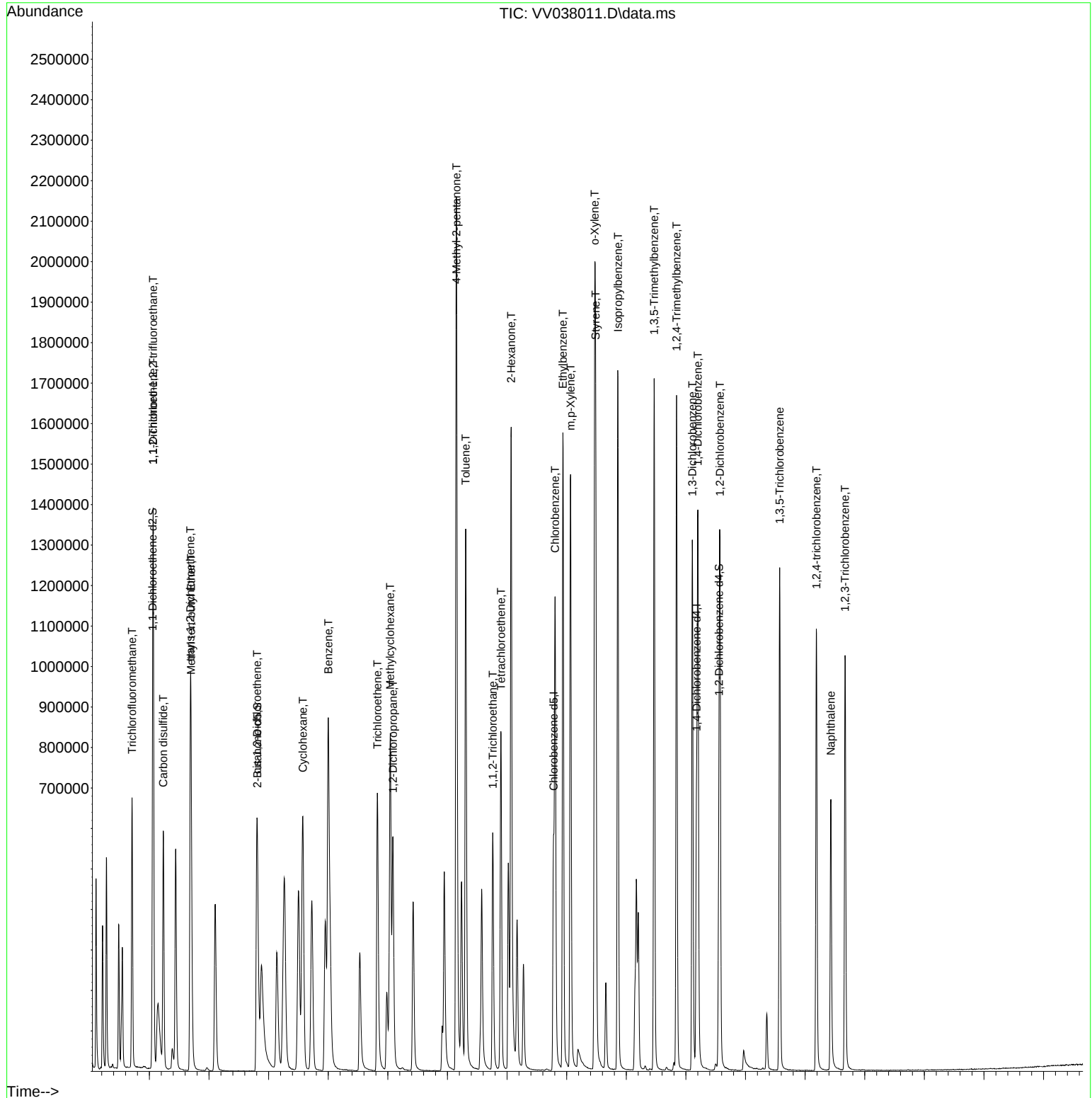
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	264943	11.762	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	380152	10.941	ug/L	99
30) Cyclohexane	4.574	56	341017	11.062	ug/L	99
31) Carbon tetrachloride	4.725	117	332707	10.912	ug/L	100
33) Benzene	5.002	78	922159	11.546	ug/L	100
34) Trichloroethene	5.825	95	258543	11.690	ug/L	97
35) Methylcyclohexane	6.040	83	356005	10.799	ug/L	98
37) 1,2-Dichloropropane	6.085	63	233397	11.692	ug/L	99
38) Bromodichloromethane	6.423	83	300023	11.328	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	315803	10.950	ug/L	98
40) 4-Methyl-2-pentanone	7.149	43	1435774	142.925	ug/L	96
42) Toluene	7.307	91	1009305	11.942	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	279190	11.740	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	188896	12.502	ug/L	97
47) Tetrachloroethene	7.899	164	194870	11.335	ug/L	99
48) 2-Hexanone	8.069	43	1008757	141.959	ug/L	99
49) Dibromochloromethane	8.169	129	192228	11.129	ug/L	97
50) 1,2-Dibromoethane	8.275	107	178373	12.650	ug/L	98
51) Chlorobenzene	8.805	112	651118	11.265	ug/L	99
52) Ethylbenzene	8.937	91	1099354	12.077	ug/L	100
53) m,p-Xylene	9.066	106	424377	12.221	ug/L	97
54) o-Xylene	9.471	106	414666	12.548	ug/L	100
55) Styrene	9.487	104	715453	12.570	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	231724	13.210	ug/L	100
59) Bromoform	9.657	173	98541	10.394	ug/L	99
60) Isopropylbenzene	9.860	105	1104878	11.654	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	159065	12.503	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	885969	11.885	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	898739	12.221	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	538634	11.221	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	563084	11.359	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	500458	11.274	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	35370	12.806	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	377772	11.150	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	332588	12.502	ug/L	99
71) Naphthalene	13.432	128	563997	14.939	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	313772	13.681	ug/L	97

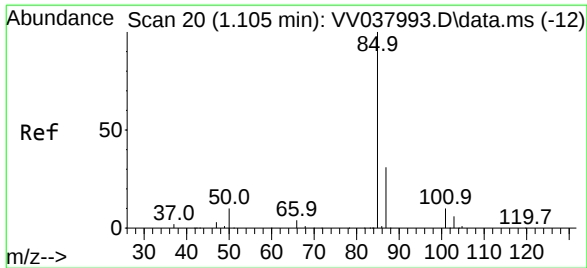
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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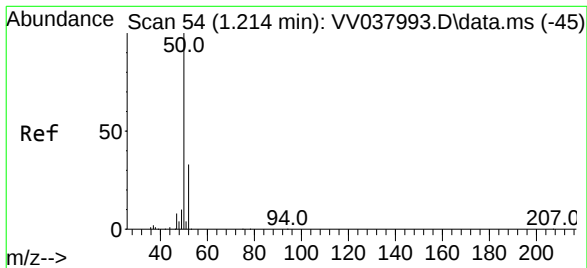
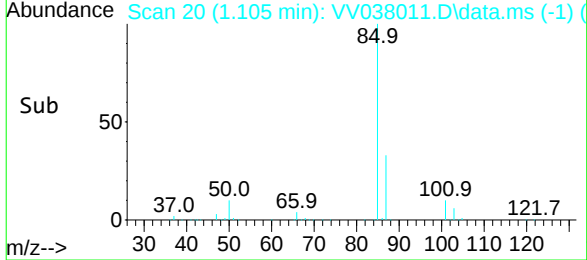
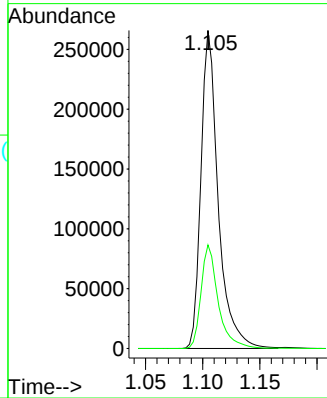
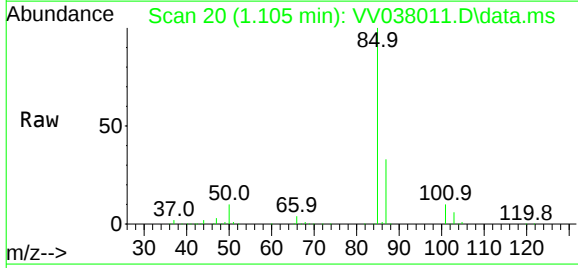




#2
 Dichlorodifluoromethane
 Concen: 9.673 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038011.D
 Acq: 11 Nov 2024 21:18

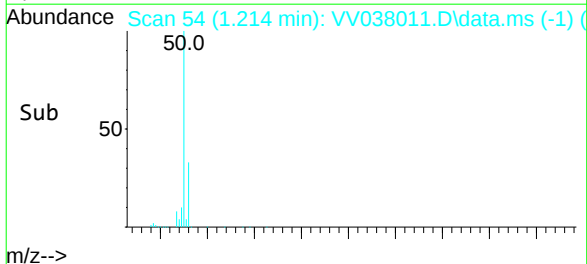
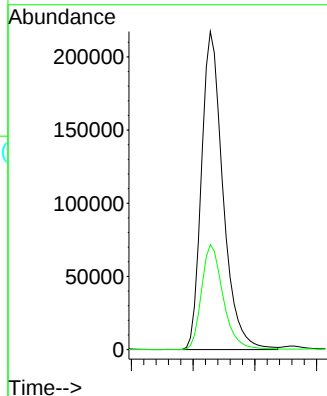
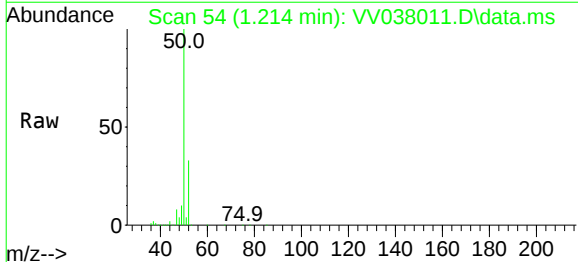
Instrument :
 MSVOA_V
 ClientSampleId :
 GCP83MSD

Tgt Ion: 85 Resp: 278794
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.4 38.0

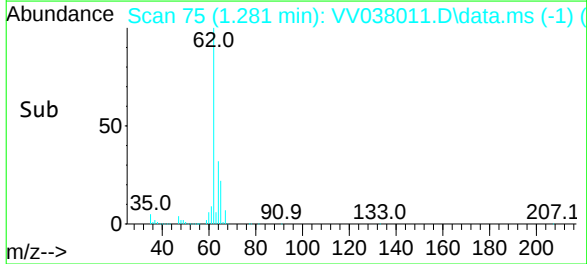
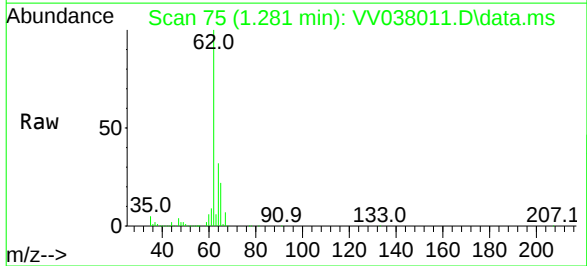
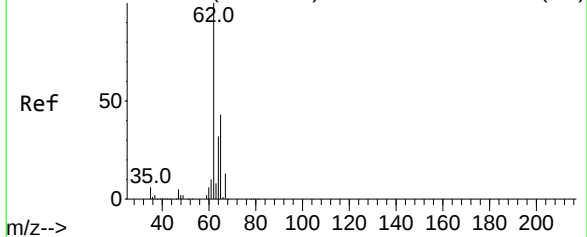


#3
 Chloromethane
 Concen: 9.695 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038011.D
 Acq: 11 Nov 2024 21:18

Tgt Ion: 50 Resp: 262932
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.4 43.4



Abundance Scan 75 (1.281 min): VV037993.D\data.ms (-66)



#5

Vinyl chloride

Concen: 10.264 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV038011.D

Acq: 11 Nov 2024 21:18

Instrument :

MSVOA_V

ClientSampleId :

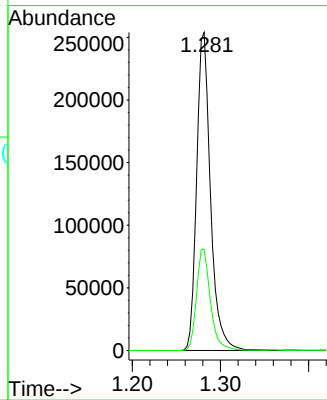
GCP83MSD

Tgt Ion: 62 Resp: 277003

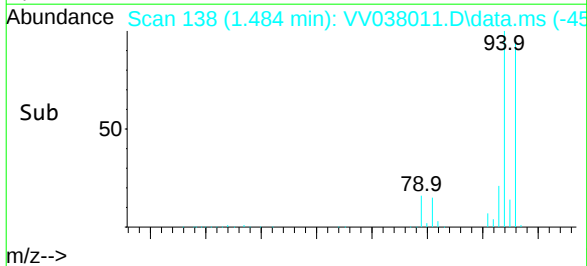
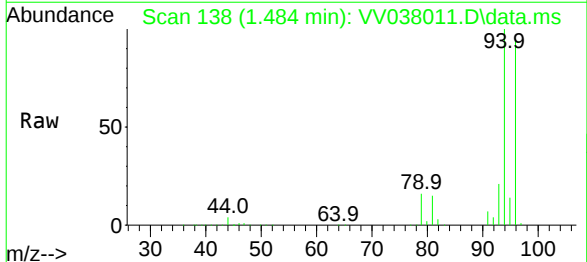
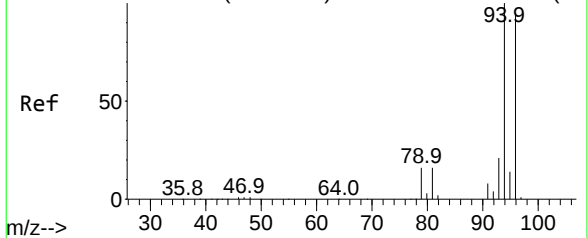
Ion Ratio Lower Upper

62 100

64 31.9 22.4 41.6



Abundance Scan 138 (1.484 min): VV037993.D\data.ms (-12)



#6

Bromomethane

Concen: 10.207 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.000 min

Lab File: VV038011.D

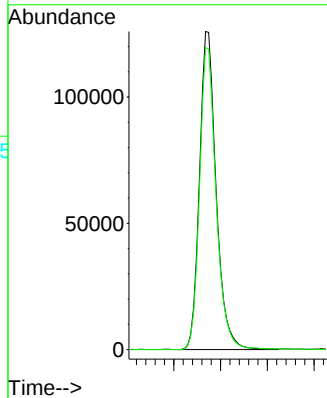
Acq: 11 Nov 2024 21:18

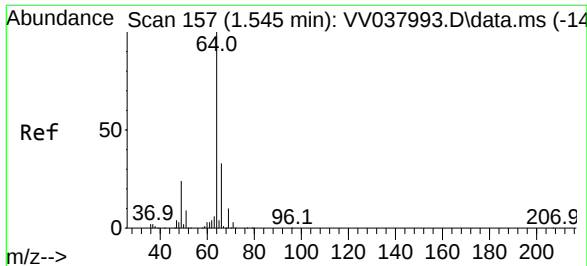
Tgt Ion: 94 Resp: 155839

Ion Ratio Lower Upper

94 100

96 95.0 66.3 123.1

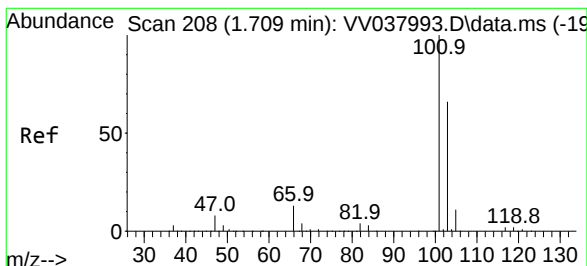
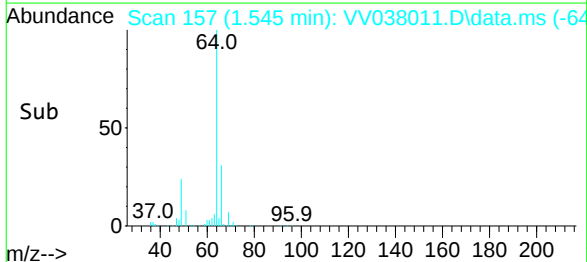
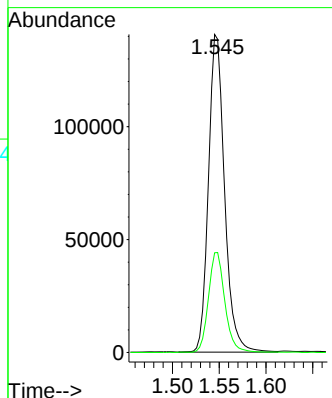
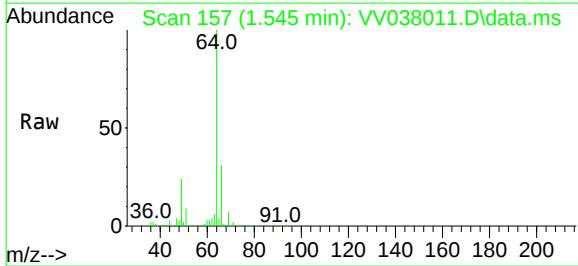




#8
Chloroethane
Concen: 10.488 ug/L
RT: 1.545 min Scan# 15
Delta R.T. 0.000 min
Lab File: VV038011.D
Acq: 11 Nov 2024 21:18

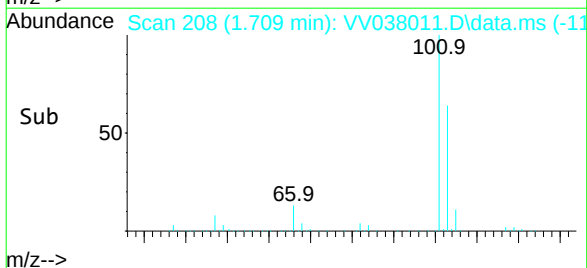
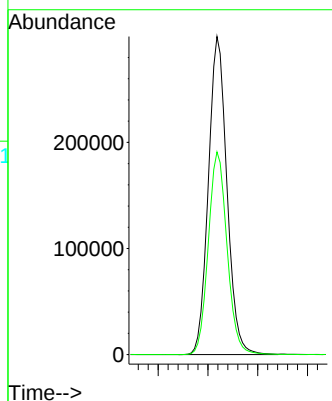
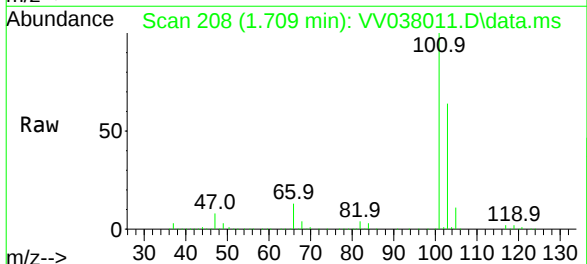
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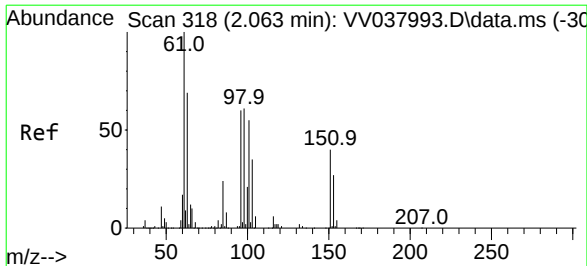
Tgt Ion: 64 Resp: 168409
Ion Ratio Lower Upper
64 100
66 31.3 23.0 42.8



#9
Trichlorofluoromethane
Concen: 10.353 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038011.D
Acq: 11 Nov 2024 21:18

Tgt Ion:101 Resp: 388202
Ion Ratio Lower Upper
101 100
103 64.4 51.7 77.5

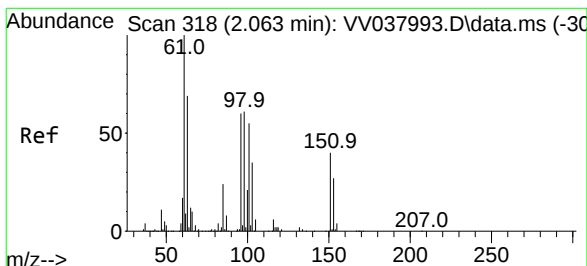
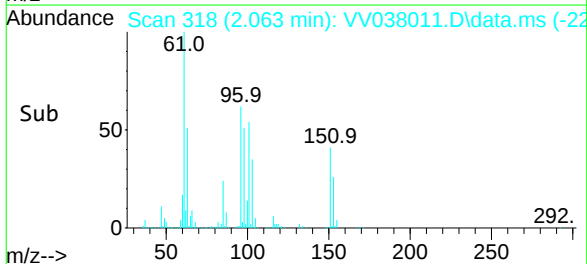
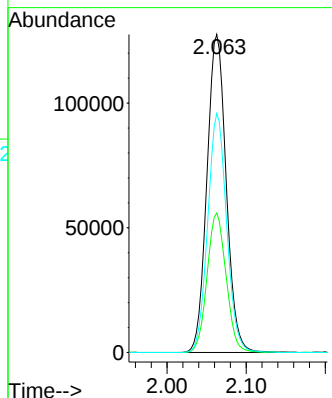
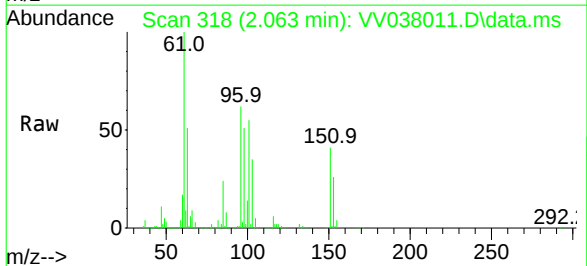




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.071 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038011.D
Acq: 11 Nov 2024 21:18

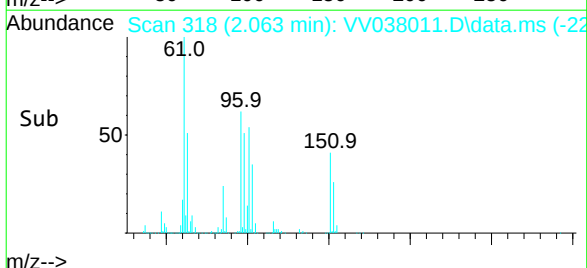
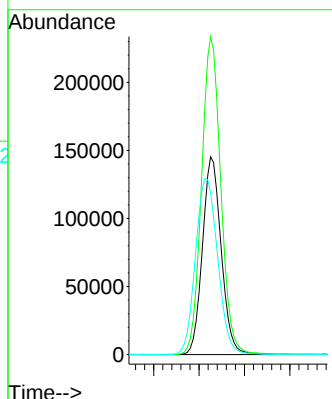
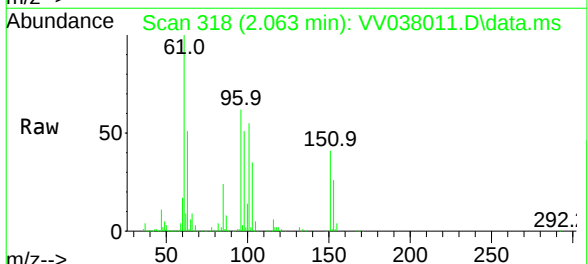
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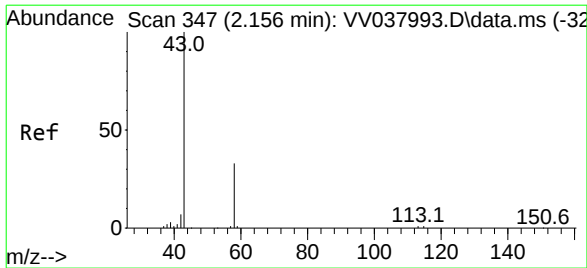
Tgt Ion:	101	Resp:	216132
Ion	Ratio	Lower	Upper
101	100		
85	43.2	35.0	52.6
151	74.1	59.2	88.8



#12
1,1-Dichloroethene
Concen: 10.579 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038011.D
Acq: 11 Nov 2024 21:18

Tgt Ion:	96	Resp:	208641
Ion	Ratio	Lower	Upper
96	100		
61	160.8	117.4	218.0
63	81.4	91.7	170.3





#13

Acetone

Concen: 132.390 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.013 min

Lab File: VV038011.D

Acq: 11 Nov 2024 21:18

Instrument :

MSVOA_V

ClientSampleId :

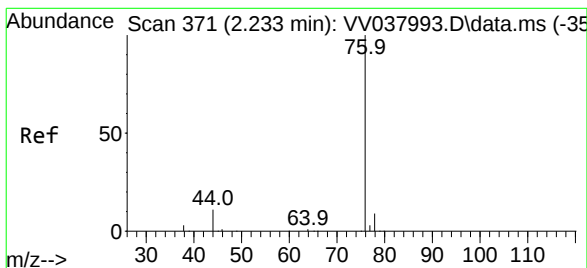
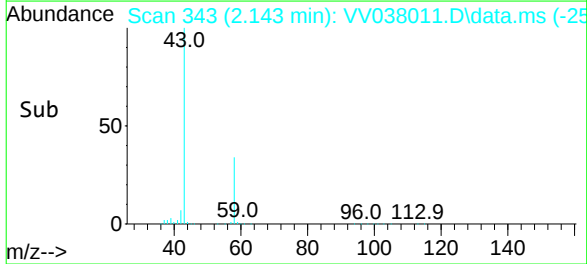
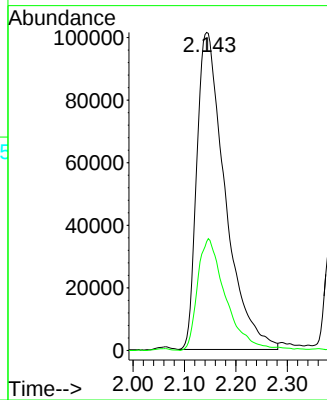
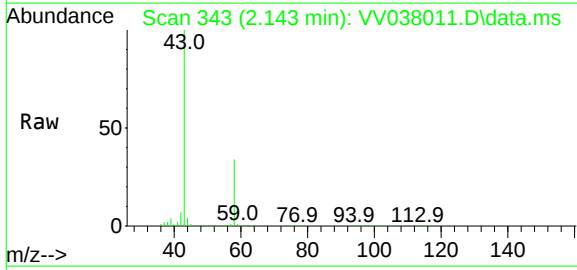
GCP83MSD

Tgt Ion: 43 Resp: 387093

Ion Ratio Lower Upper

43 100

58 34.8 0.0 64.6



#14

Carbon disulfide

Concen: 10.002 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

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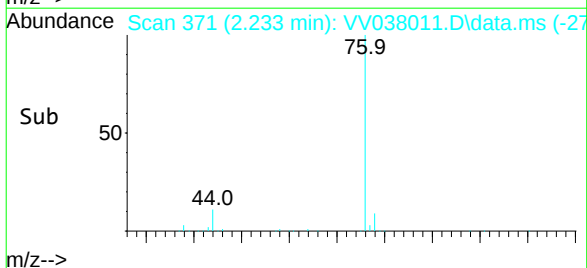
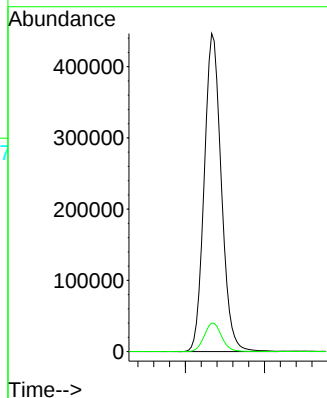
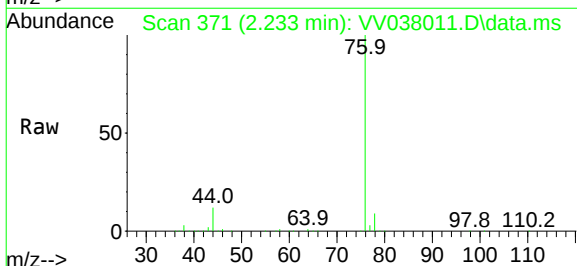
Acq: 11 Nov 2024 21:18

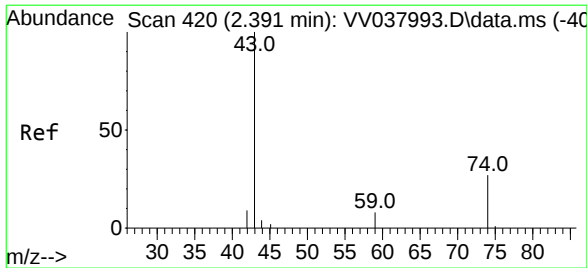
Tgt Ion: 76 Resp: 669278

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





#15

Methyl Acetate

Concen: 11.708 ug/L

RT: 2.384 min Scan# 41

Delta R.T. -0.006 min

Lab File: VV038011.D

Acq: 11 Nov 2024 21:18

Instrument :

MSVOA_V

ClientSampleId :

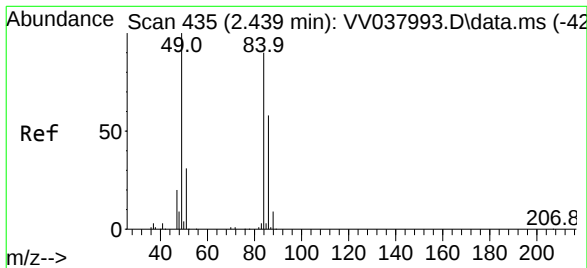
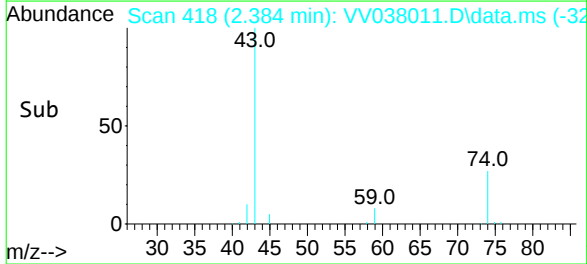
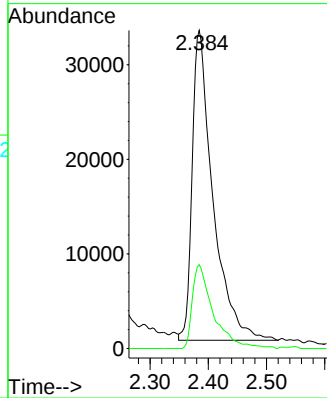
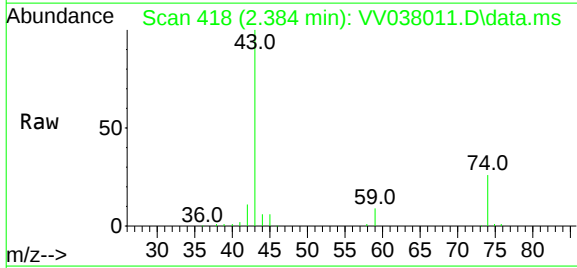
GCP83MSD

Tgt Ion: 43 Resp: 81033

Ion Ratio Lower Upper

43 100

74 27.1 21.8 32.8



#16

Methylene chloride

Concen: 10.490 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV038011.D

Acq: 11 Nov 2024 21:18

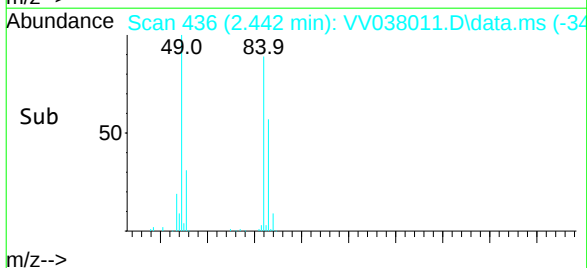
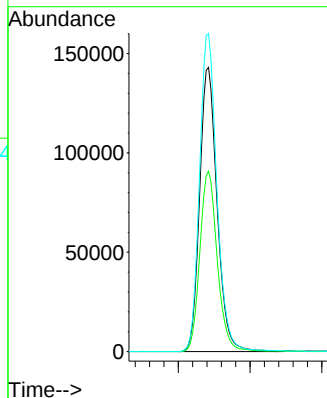
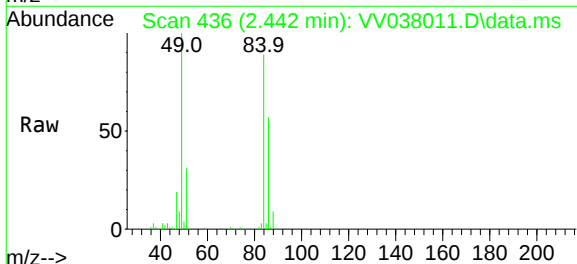
Tgt Ion: 84 Resp: 241523

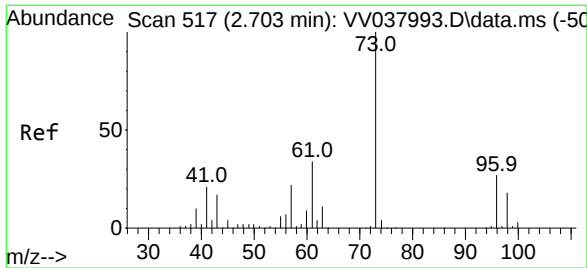
Ion Ratio Lower Upper

84 100

86 63.5 45.0 83.6

49 111.9 79.2 147.2

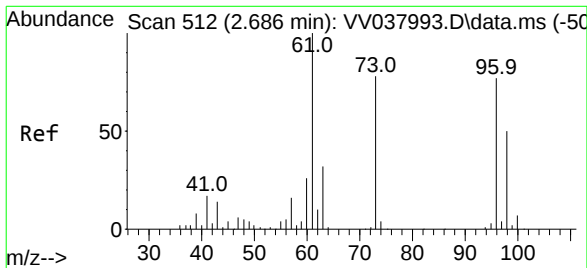
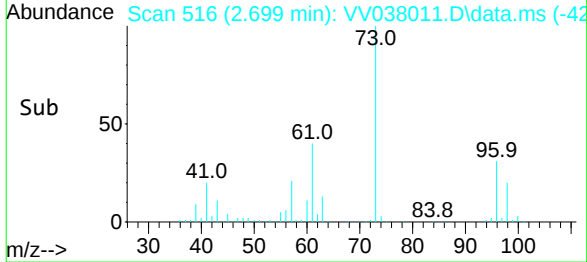
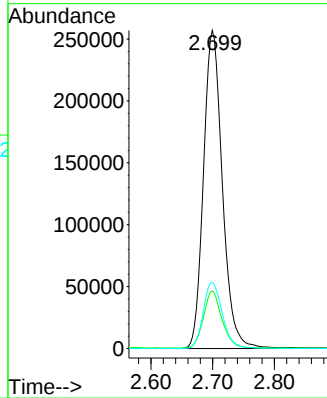
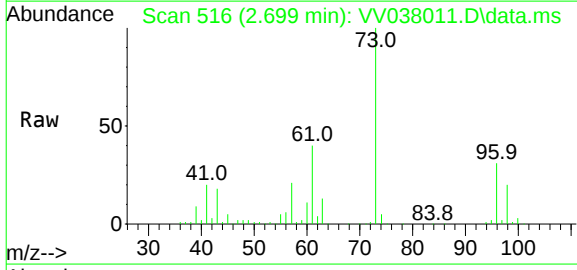




#17
Methyl tert-butyl Ether
Concen: 12.380 ug/L
RT: 2.699 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV038011.D
Acq: 11 Nov 2024 21:18

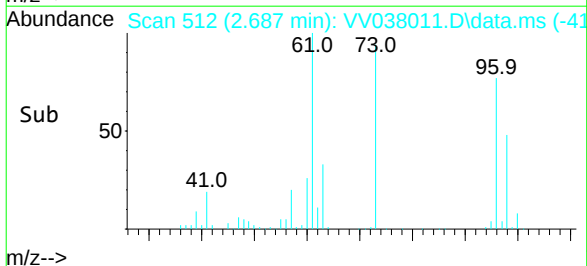
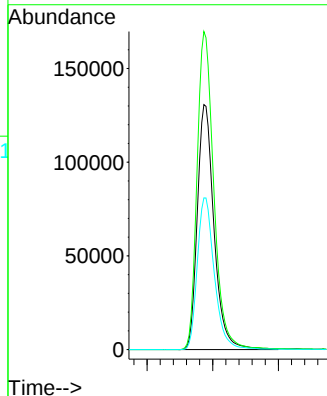
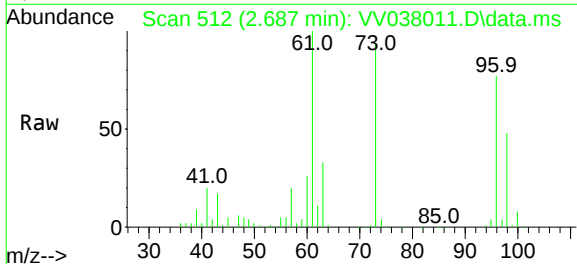
Instrument :
MSVOA_V
ClientSampleId :
GCP83MSD

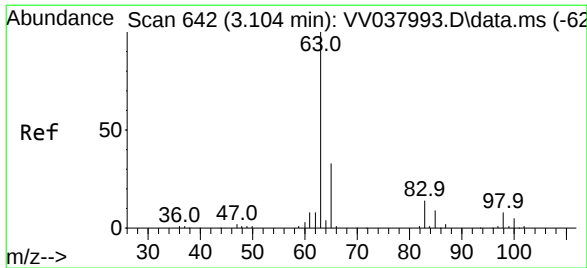
Tgt Ion: 73 Resp: 546004
Ion Ratio Lower Upper
73 100
43 17.5 14.4 21.6
57 21.1 17.8 26.6



#18
trans-1,2-Dichloroethene
Concen: 10.840 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV038011.D
Acq: 11 Nov 2024 21:18

Tgt Ion: 96 Resp: 230915
Ion Ratio Lower Upper
96 100
61 129.8 93.2 173.0
98 61.9 44.4 82.4

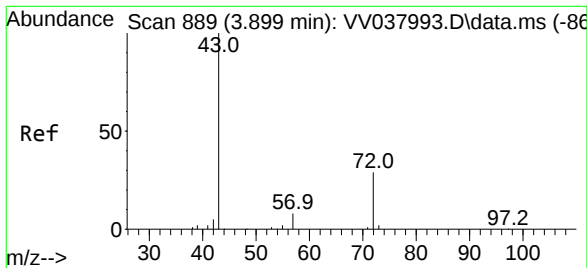
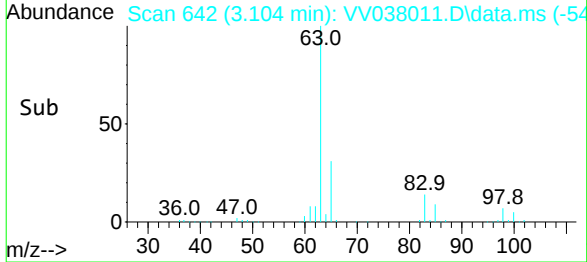
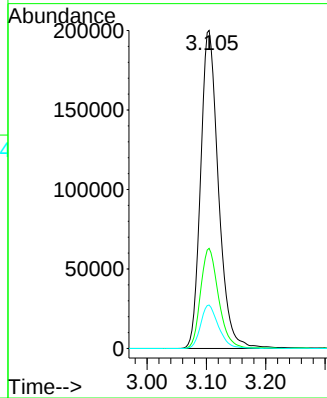
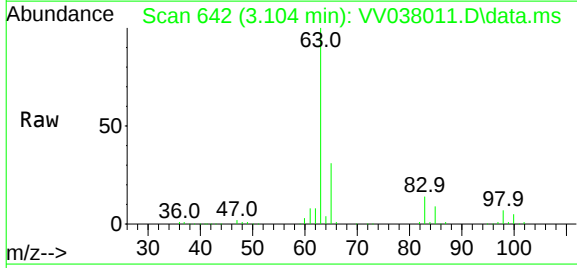




#19
1,1-Dichloroethane
Concen: 10.802 ug/L
RT: 3.104 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV038011.D
Acq: 11 Nov 2024 21:18

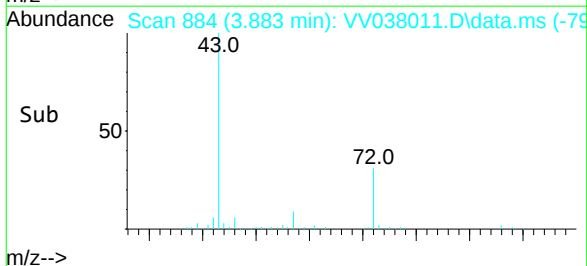
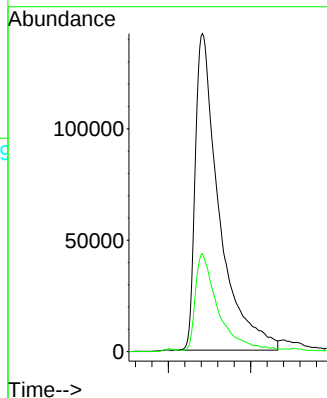
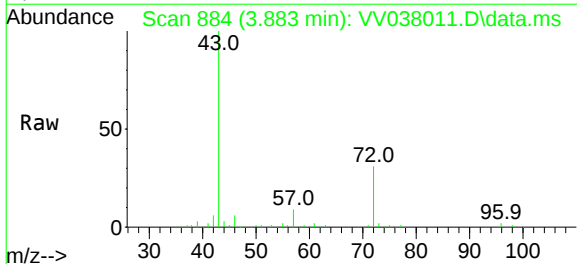
Instrument :
MSVOA_V
ClientSampleId :
GCP83MSD

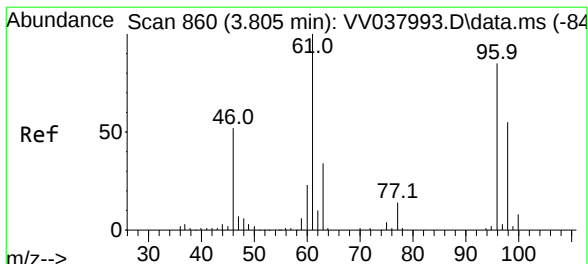
Tgt Ion: 63 Resp: 418045
Ion Ratio Lower Upper
63 100
65 31.5 22.3 41.3
83 13.7 9.5 17.7



#21
2-Butanone
Concen: 132.181 ug/L
RT: 3.883 min Scan# 884
Delta R.T. -0.016 min
Lab File: VV038011.D
Acq: 11 Nov 2024 21:18

Tgt Ion: 43 Resp: 574378
Ion Ratio Lower Upper
43 100
72 28.3 13.0 39.0

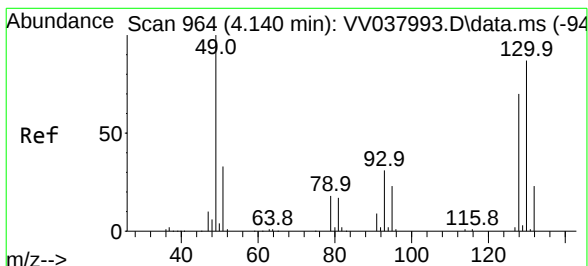
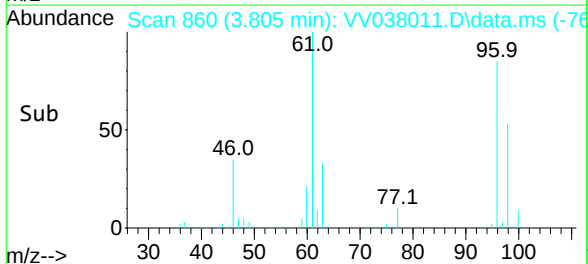
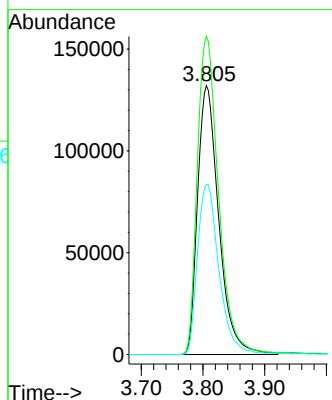
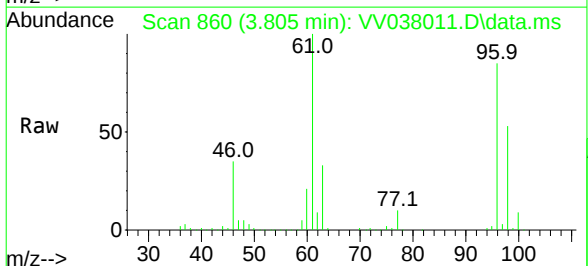




#22
 cis-1,2-Dichloroethene
 Concen: 14.001 ug/L
 RT: 3.805 min Scan# 860
 Delta R.T. 0.000 min
 Lab File: VV038011.D
 Acq: 11 Nov 2024 21:18

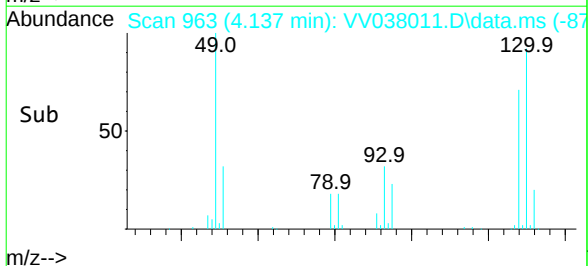
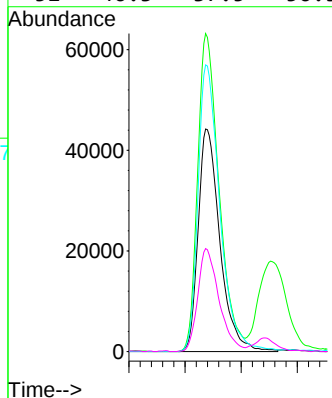
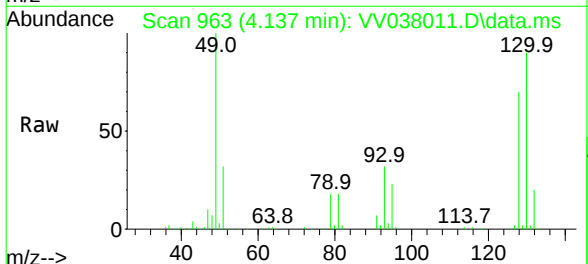
Instrument :
 MSVOA_V
 ClientSampleId :
 GCP83MSD

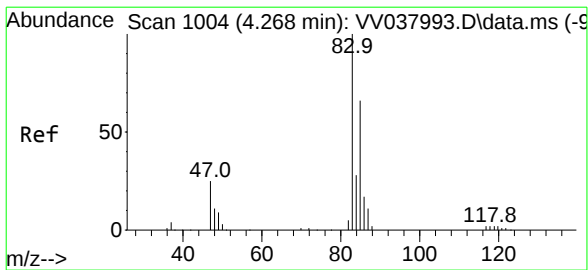
Tgt Ion:	96	Resp:	314280
Ion	Ratio	Lower	Upper
96	100		
61	118.3	83.4	154.8
98	63.3	44.6	82.8



#23
 Bromochloromethane
 Concen: 11.766 ug/L
 RT: 4.137 min Scan# 963
 Delta R.T. -0.003 min
 Lab File: VV038011.D
 Acq: 11 Nov 2024 21:18

Tgt Ion:	128	Resp:	119255
Ion	Ratio	Lower	Upper
128	100		
49	142.9	103.0	191.4
130	128.8	85.9	159.5
51	46.3	37.5	56.3





#25

Chloroform

Concen: 11.496 ug/L

RT: 4.268 min Scan# 10

Delta R.T. 0.000 min

Lab File: VV038011.D

Acq: 11 Nov 2024 21:18

Instrument :

MSVOA_V

ClientSampleId :

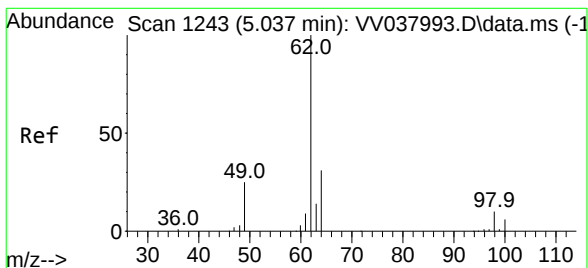
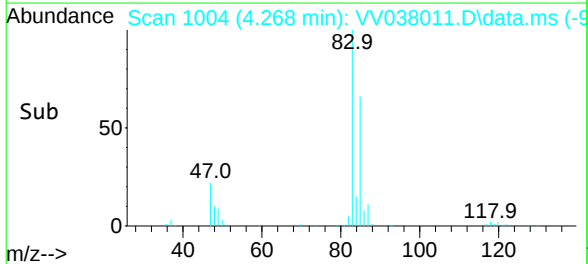
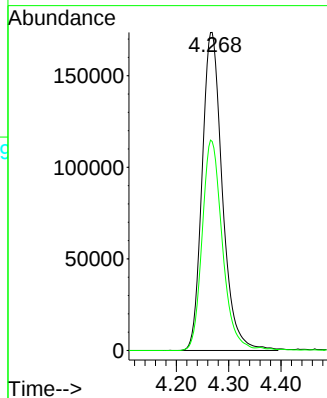
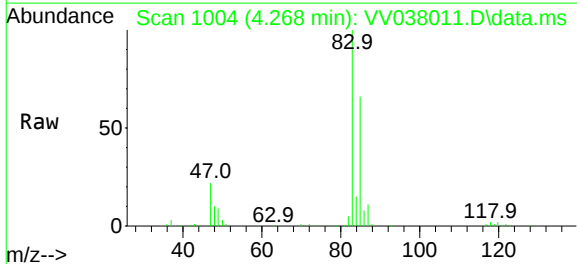
GCP83MSD

Tgt Ion: 83 Resp: 467401

Ion Ratio Lower Upper

83 100

85 65.7 45.5 84.5



#27

1,2-Dichloroethane

Concen: 11.762 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV038011.D

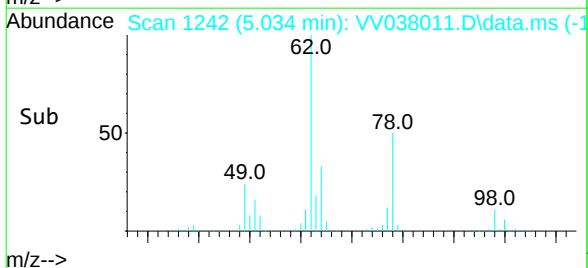
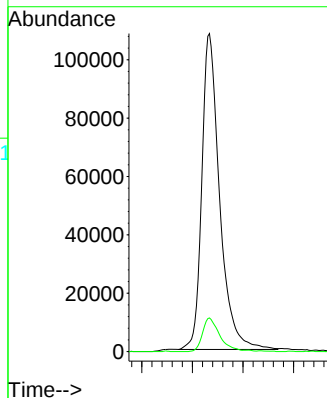
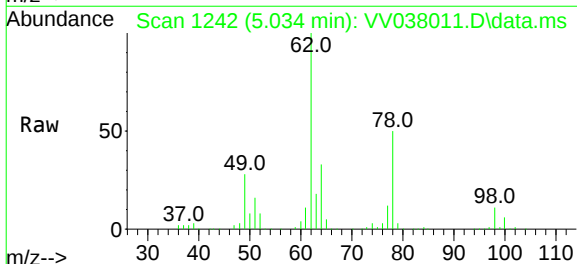
Acq: 11 Nov 2024 21:18

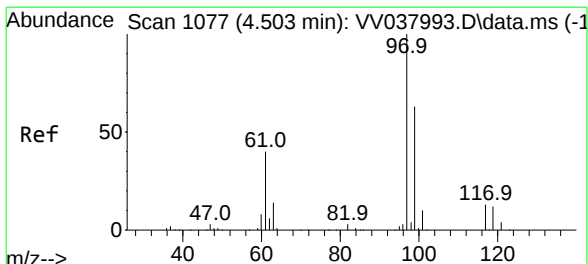
Tgt Ion: 62 Resp: 264943

Ion Ratio Lower Upper

62 100

98 10.6 8.1 12.1

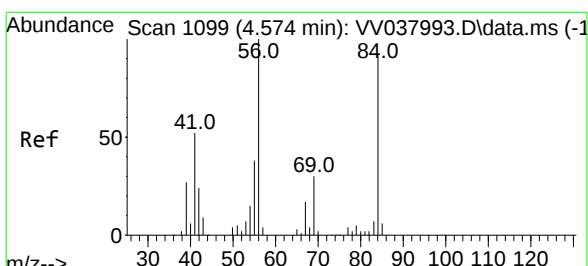
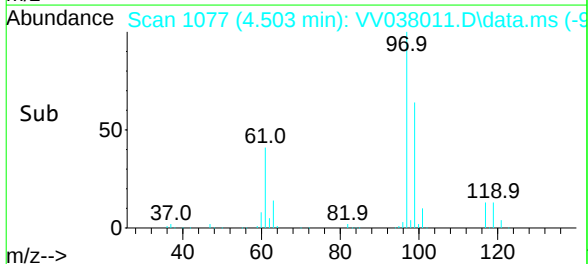
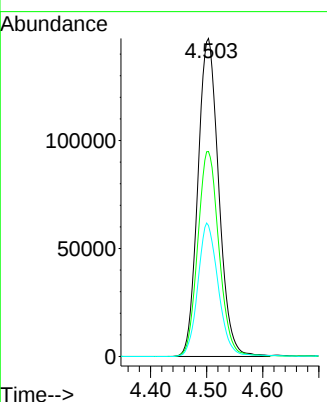
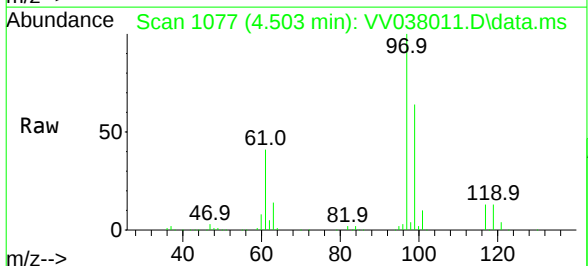




#29
 1,1,1-Trichloroethane
 Concen: 10.941 ug/L
 RT: 4.503 min Scan# 1077
 Delta R.T. 0.000 min
 Lab File: VV038011.D
 Acq: 11 Nov 2024 21:18

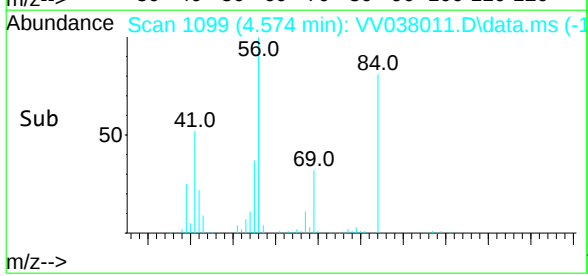
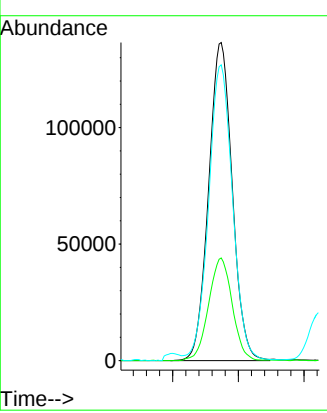
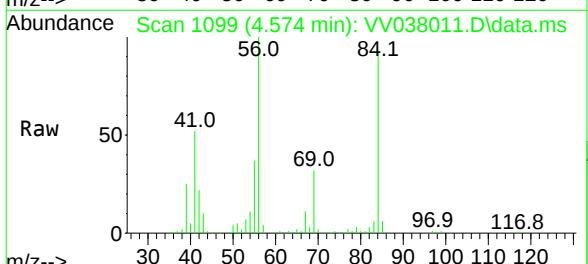
Instrument :
 MSVOA_V
 ClientSampleId :
 GCP83MSD

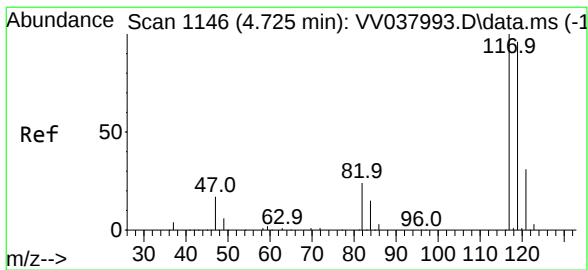
Tgt Ion:	97	Resp:	380152
Ion	Ratio	Lower	Upper
97	100		
99	65.5	52.1	78.1
61	41.2	33.3	49.9



#30
 Cyclohexane
 Concen: 11.062 ug/L
 RT: 4.574 min Scan# 1099
 Delta R.T. 0.000 min
 Lab File: VV038011.D
 Acq: 11 Nov 2024 21:18

Tgt Ion:	56	Resp:	341017
Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.5	38.3
84	94.5	75.2	112.8

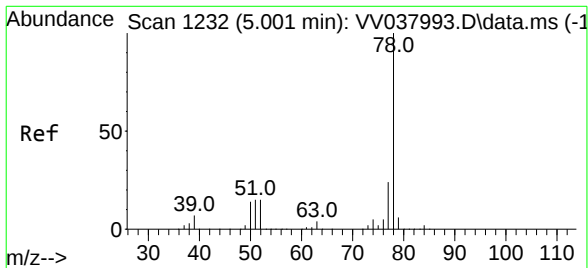
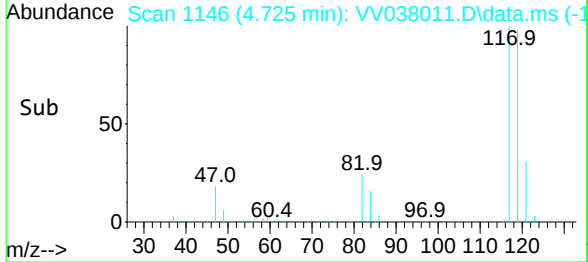
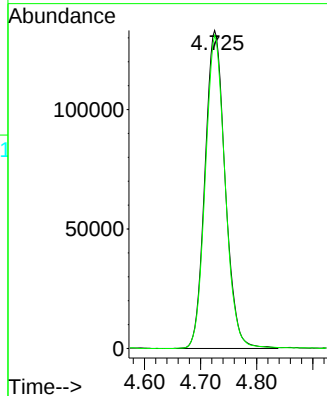
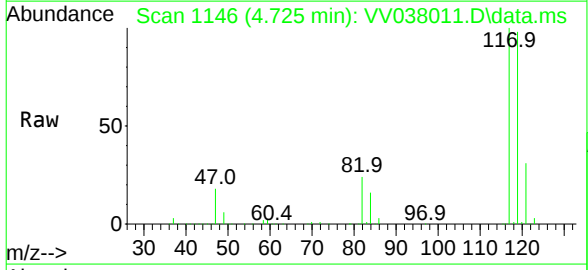




#31
Carbon tetrachloride
Concen: 10.912 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV038011.D
Acq: 11 Nov 2024 21:18

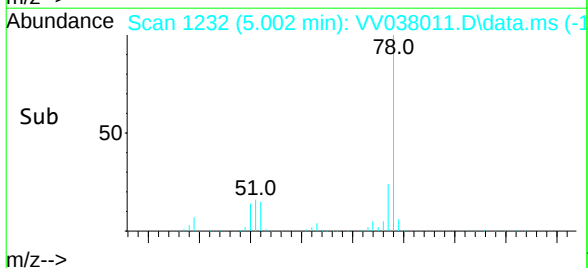
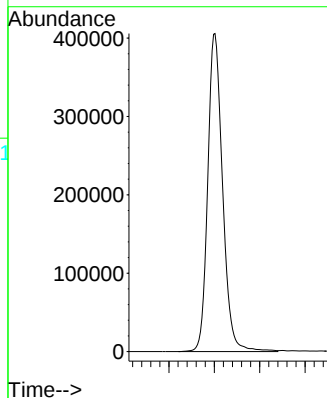
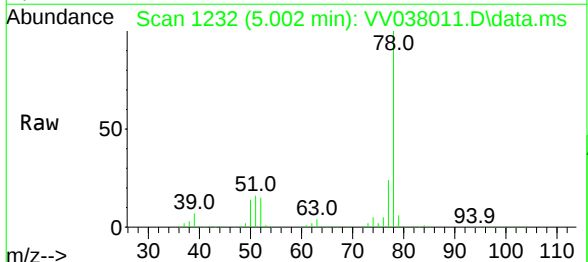
Instrument :
MSVOA_V
ClientSampleId :
GCP83MSD

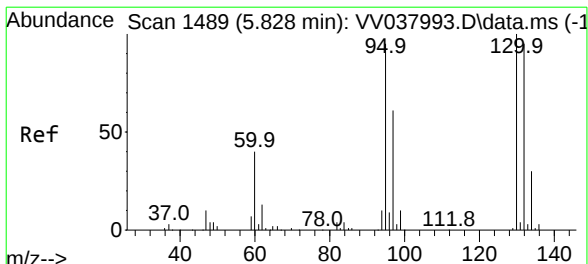
Tgt Ion:117 Resp: 332707
Ion Ratio Lower Upper
117 100
119 96.5 77.2 115.8



#33
Benzene
Concen: 11.546 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV038011.D
Acq: 11 Nov 2024 21:18

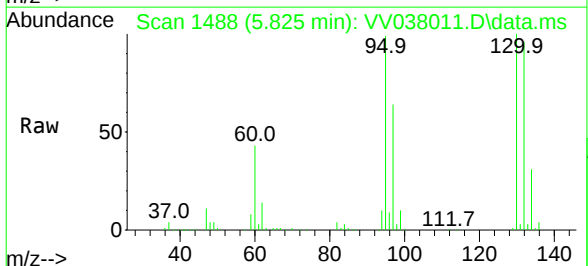
Tgt Ion: 78 Resp: 922159





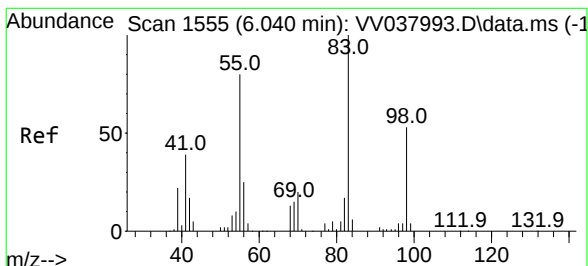
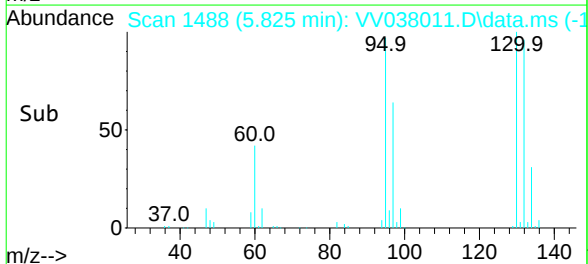
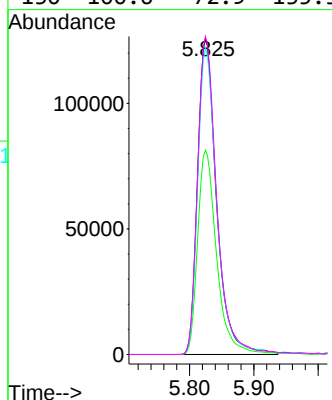
#34
 Trichloroethene
 Concen: 11.690 ug/L
 RT: 5.825 min Scan# 1489
 Delta R.T. -0.003 min
 Lab File: VV038011.D
 Acq: 11 Nov 2024 21:18

Instrument :
 MSVOA_V
 ClientSampleId :
 GCP83MSD



Tgt Ion: 95 Resp: 258543

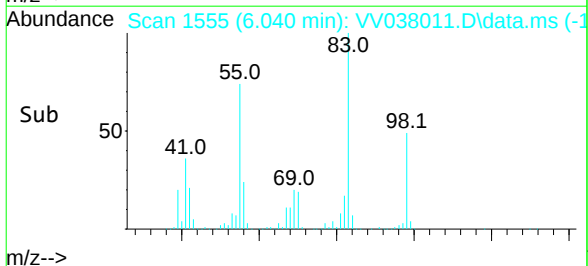
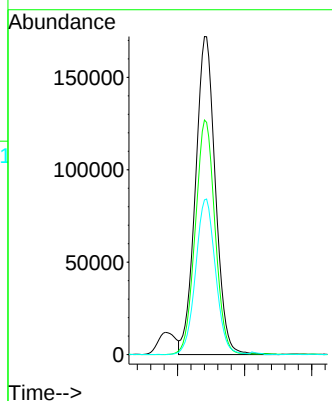
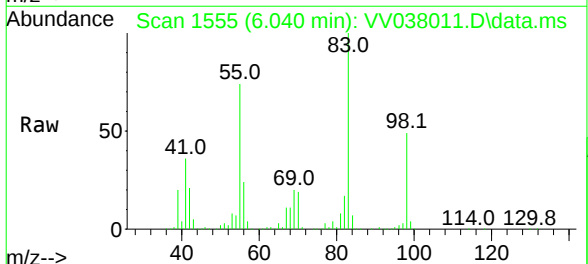
Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.9	87.1
132	96.9	70.5	130.9
130	100.6	72.9	135.3

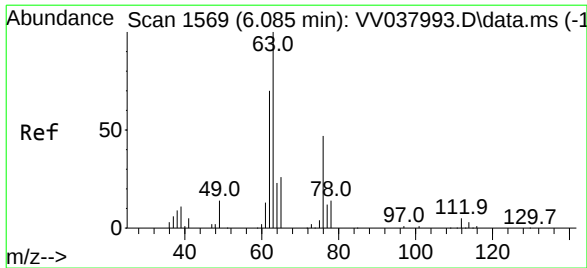


#35
 Methylcyclohexane
 Concen: 10.799 ug/L
 RT: 6.040 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: VV038011.D
 Acq: 11 Nov 2024 21:18

Tgt Ion: 83 Resp: 356005

Ion	Ratio	Lower	Upper
83	100		
55	72.8	59.3	88.9
98	49.0	38.3	57.5

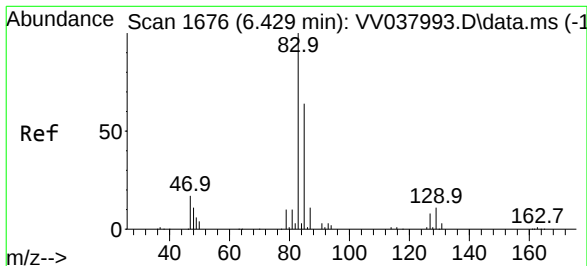
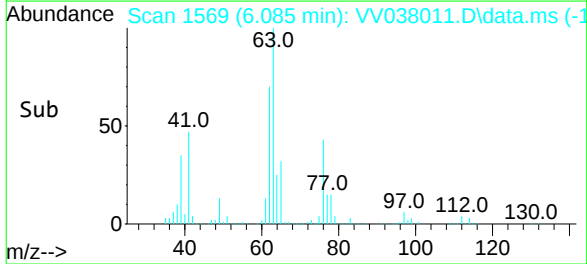
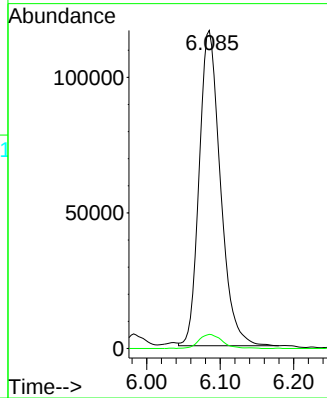
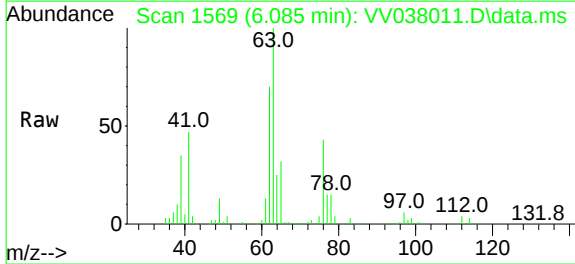




#37
1,2-Dichloropropane
Concen: 11.692 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV038011.D
Acq: 11 Nov 2024 21:18

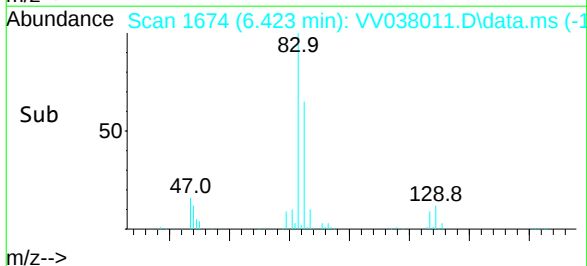
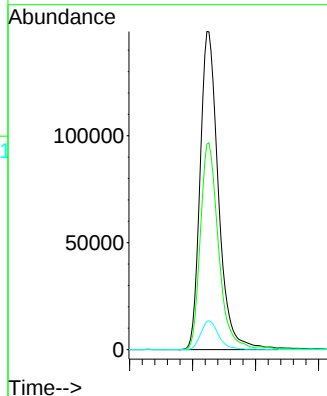
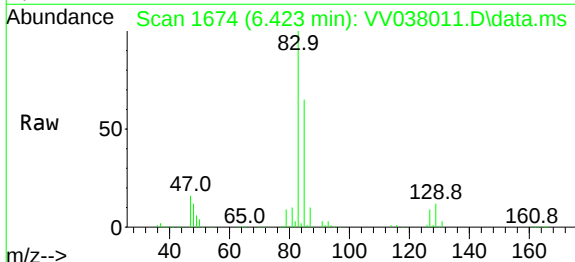
Instrument :
MSVOA_V
ClientSampleId :
GCP83MSD

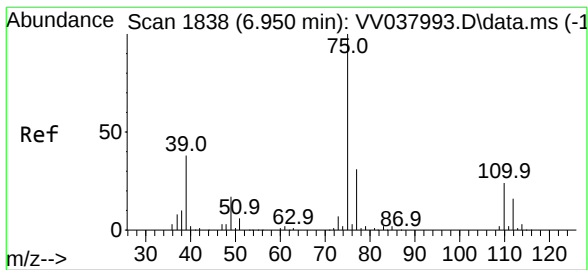
Tgt Ion: 63 Resp: 233397
Ion Ratio Lower Upper
63 100
112 4.9 4.1 6.1



#38
Bromodichloromethane
Concen: 11.328 ug/L
RT: 6.423 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VV038011.D
Acq: 11 Nov 2024 21:18

Tgt Ion: 83 Resp: 300023
Ion Ratio Lower Upper
83 100
85 64.7 44.2 82.2
127 8.9 6.8 10.2



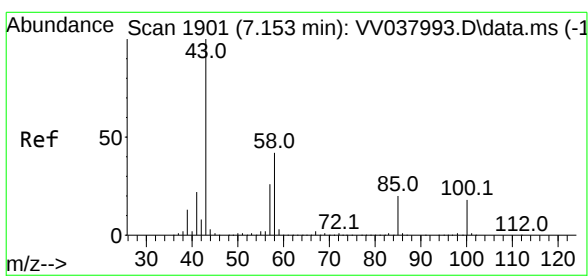
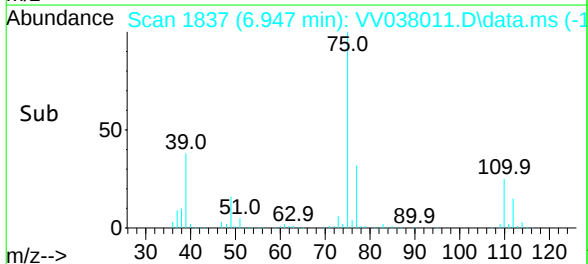
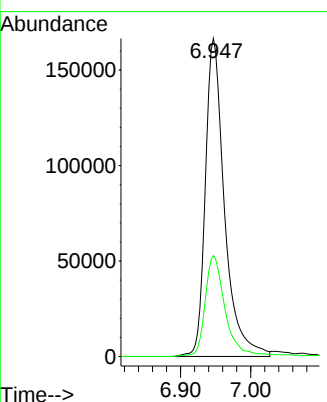
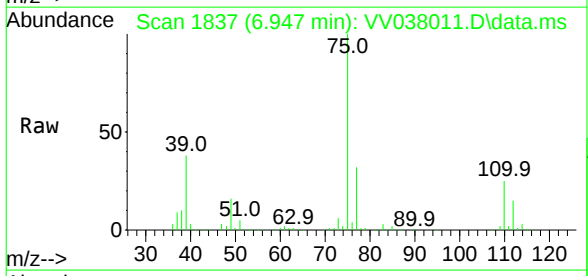


#39
 cis-1,3-Dichloropropene
 Concen: 10.950 ug/L
 RT: 6.947 min Scan# 1838
 Delta R.T. -0.003 min
 Lab File: VV038011.D
 Acq: 11 Nov 2024 21:18

Instrument :
 MSVOA_V
 ClientSampleId :
 GCP83MSD

Tgt Ion: 75 Resp: 315803

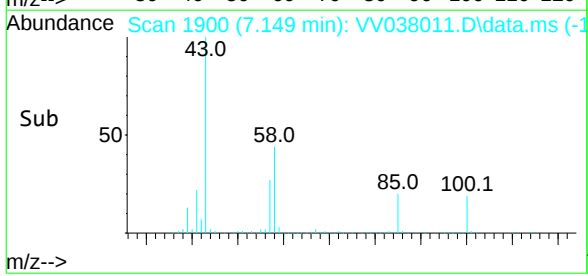
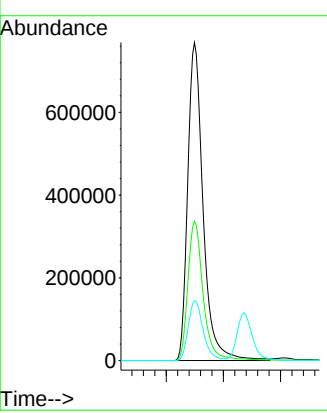
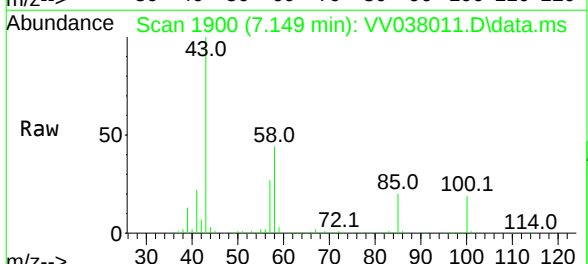
Ion	Ratio	Lower	Upper
75	100		
77	31.7	23.0	42.6

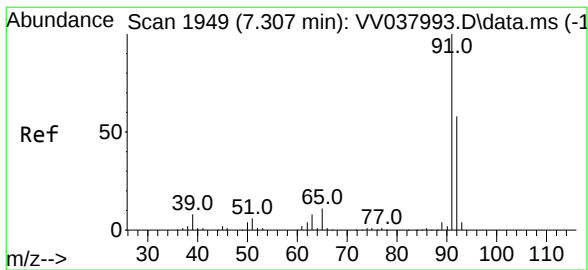


#40
 4-Methyl-2-pentanone
 Concen: 142.925 ug/L
 RT: 7.149 min Scan# 1900
 Delta R.T. -0.003 min
 Lab File: VV038011.D
 Acq: 11 Nov 2024 21:18

Tgt Ion: 43 Resp: 1435774

Ion	Ratio	Lower	Upper
43	100		
58	43.8	32.6	49.0
100	18.4	13.8	20.8





#42

Toluene

Concen: 11.942 ug/L

RT: 7.307 min Scan# 19

Delta R.T. 0.000 min

Lab File: VV038011.D

Acq: 11 Nov 2024 21:18

Instrument :

MSVOA_V

ClientSampleId :

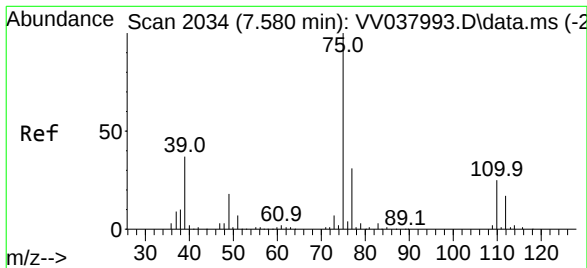
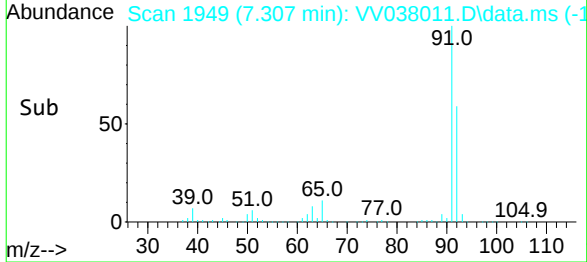
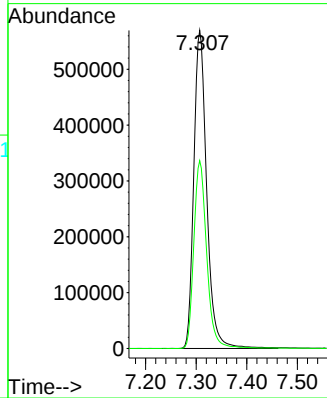
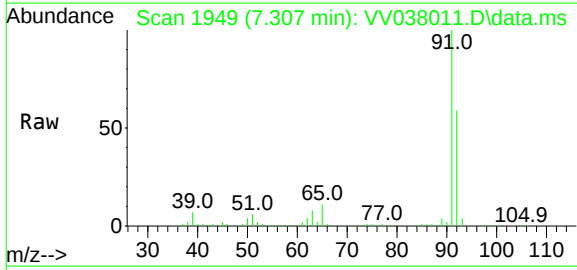
GCP83MSD

Tgt Ion: 91 Resp: 1009305

Ion Ratio Lower Upper

91 100

92 59.1 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 11.740 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.006 min

Lab File: VV038011.D

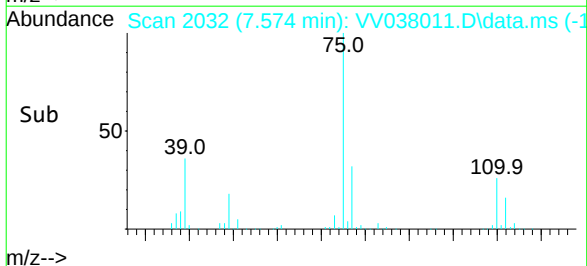
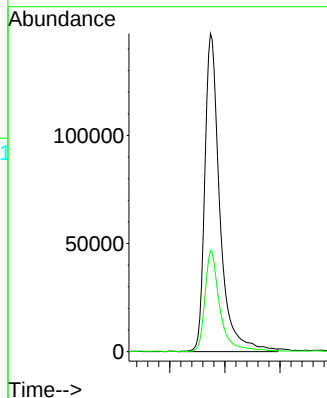
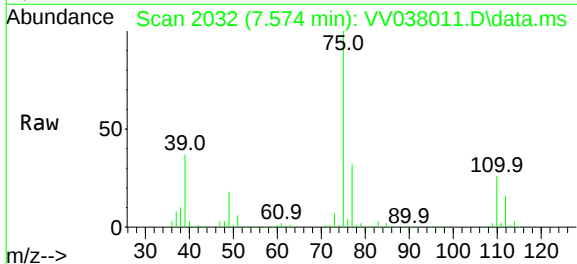
Acq: 11 Nov 2024 21:18

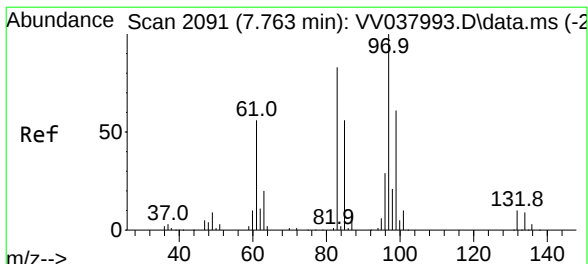
Tgt Ion: 75 Resp: 279190

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.6

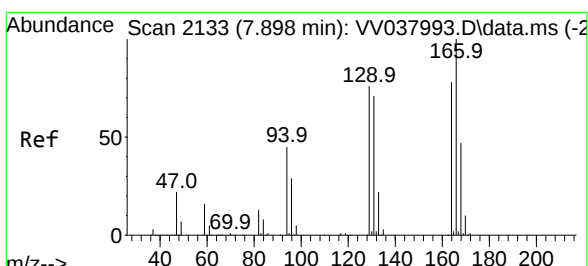
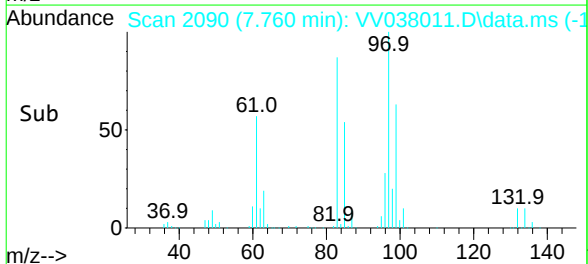
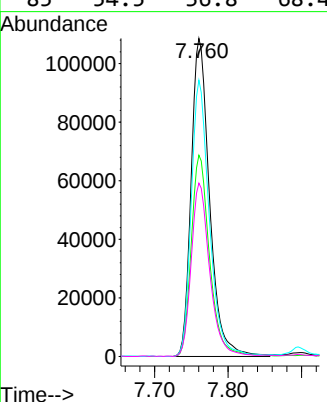
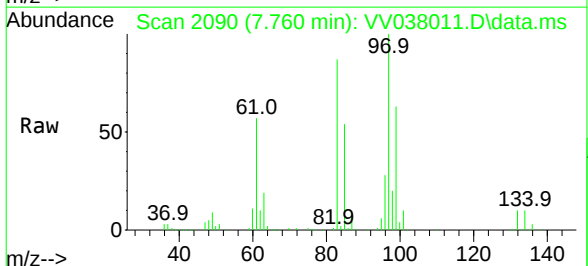




#45
 1,1,2-Trichloroethane
 Concen: 12.502 ug/L
 RT: 7.760 min Scan# 2090
 Delta R.T. -0.003 min
 Lab File: VV038011.D
 Acq: 11 Nov 2024 21:18

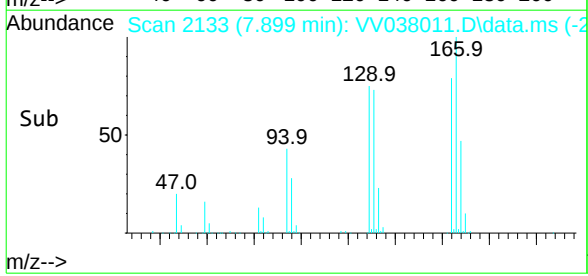
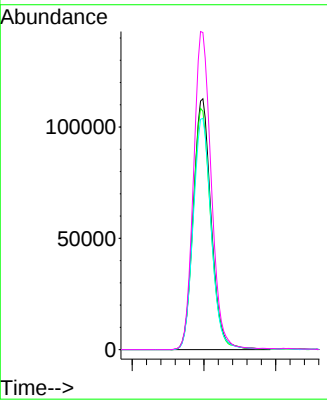
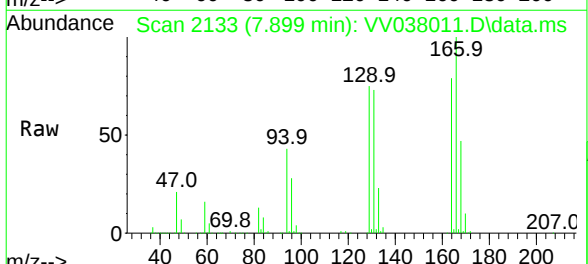
Instrument : MSVOA_V
 ClientSampleId : GCP83MSD

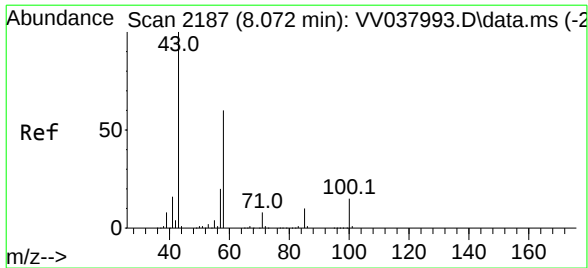
Tgt Ion:	97	Resp:	188896
Ion	Ratio	Lower	Upper
97	100		
99	63.3	42.4	78.8
83	86.9	59.3	110.1
85	54.5	36.8	68.4



#47
 Tetrachloroethene
 Concen: 11.335 ug/L
 RT: 7.899 min Scan# 2133
 Delta R.T. 0.000 min
 Lab File: VV038011.D
 Acq: 11 Nov 2024 21:18

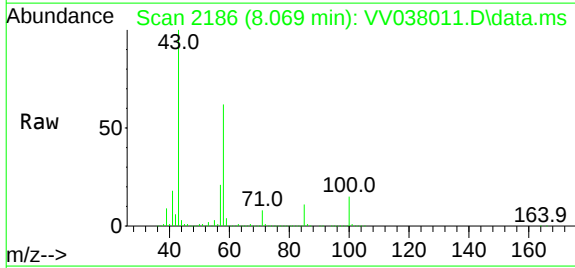
Tgt Ion:	164	Resp:	194870
Ion	Ratio	Lower	Upper
164	100		
129	95.0	66.8	124.2
131	92.2	65.2	121.2
166	126.4	89.2	165.8



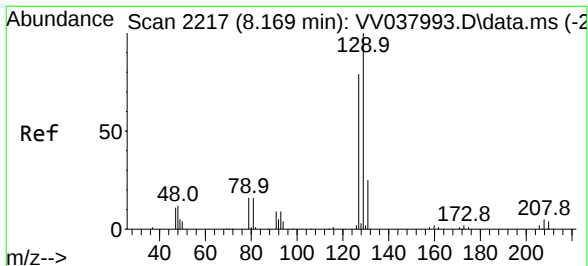
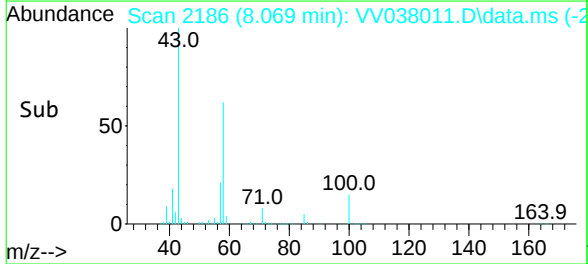
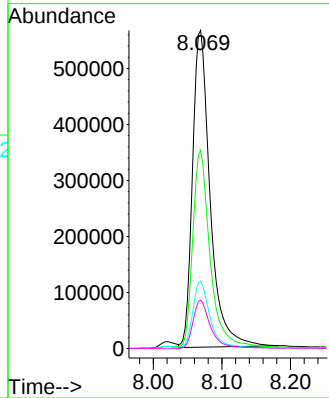


#48
2-Hexanone
Concen: 141.959 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. -0.003 min
Lab File: VV038011.D
Acq: 11 Nov 2024 21:18

Instrument :
MSVOA_V
ClientSampleId :
GCP83MSD

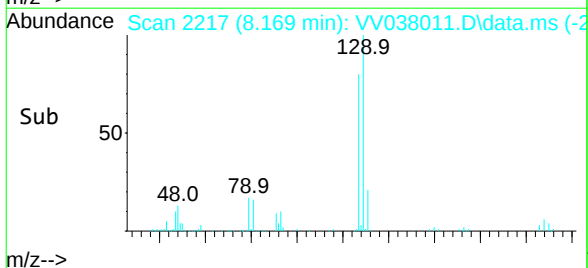
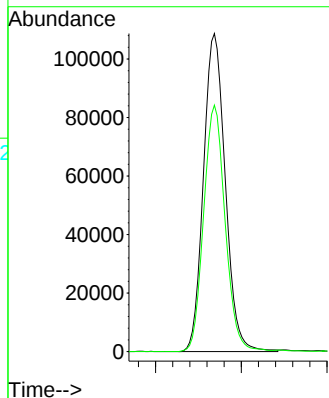
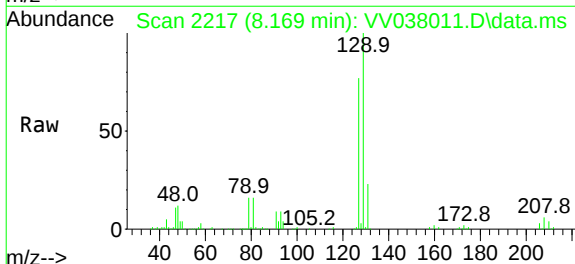


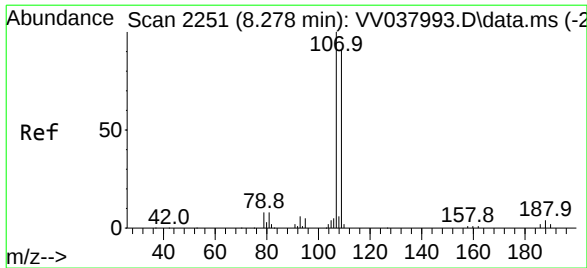
Tgt Ion: 43 Resp: 1008757
Ion Ratio Lower Upper
43 100
58 61.1 48.5 72.7
57 20.8 16.3 24.5
100 15.1 11.3 16.9



#49
Dibromochloromethane
Concen: 11.129 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV038011.D
Acq: 11 Nov 2024 21:18

Tgt Ion: 129 Resp: 192228
Ion Ratio Lower Upper
129 100
127 77.5 52.2 97.0

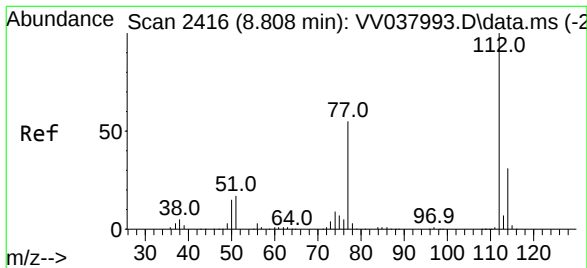
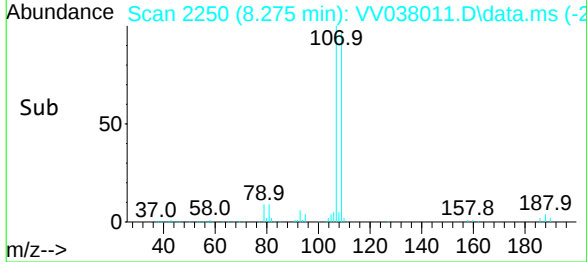
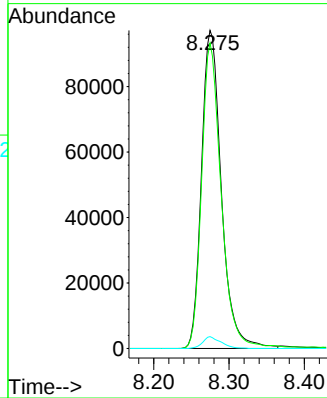
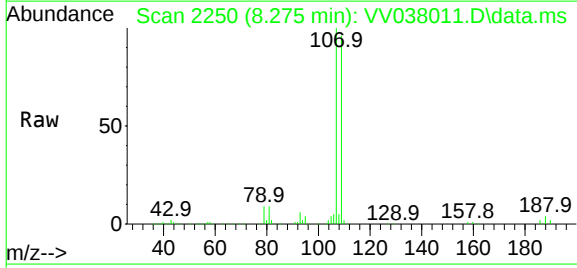




#50
1,2-Dibromoethane
Concen: 12.650 ug/L
RT: 8.275 min Scan# 2251
Delta R.T. -0.003 min
Lab File: VV038011.D
Acq: 11 Nov 2024 21:18

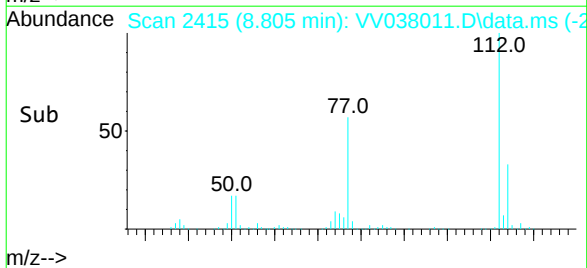
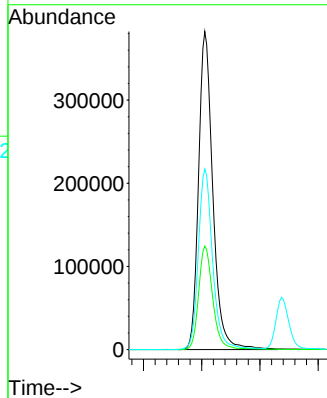
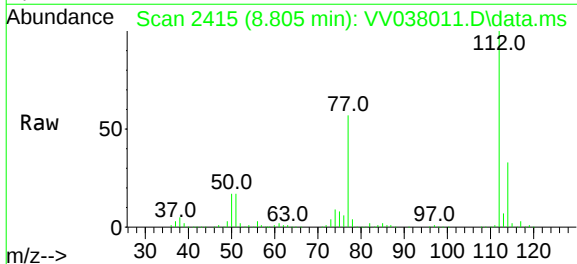
Instrument :
MSVOA_V
ClientSampleId :
GCP83MSD

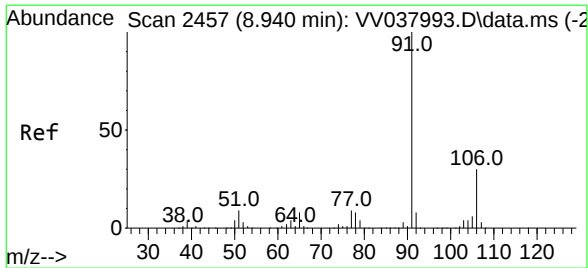
Tgt Ion:107 Resp: 178373
Ion Ratio Lower Upper
107 100
109 96.0 65.8 122.2
188 3.7 3.0 4.6



#51
Chlorobenzene
Concen: 11.265 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.003 min
Lab File: VV038011.D
Acq: 11 Nov 2024 21:18

Tgt Ion:112 Resp: 651118
Ion Ratio Lower Upper
112 100
114 32.5 23.0 42.6
77 56.8 45.9 68.9

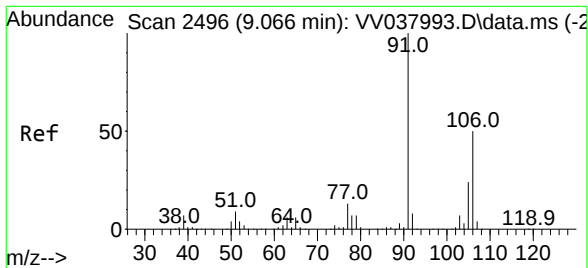
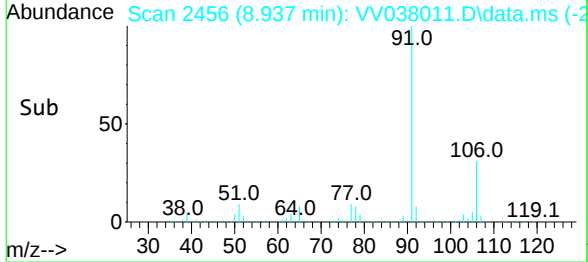
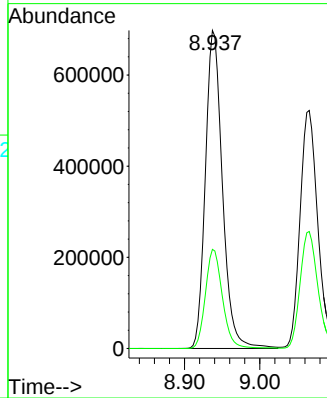
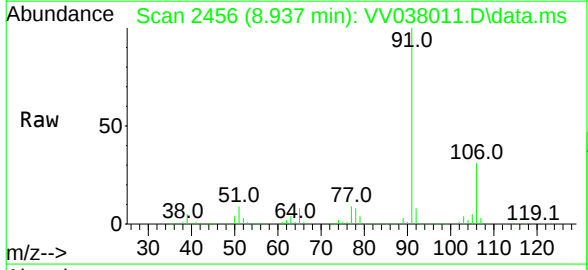




#52
Ethylbenzene
Concen: 12.077 ug/L
RT: 8.937 min Scan# 2457
Delta R.T. -0.003 min
Lab File: VV038011.D
Acq: 11 Nov 2024 21:18

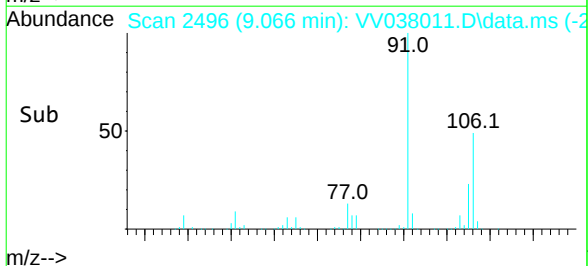
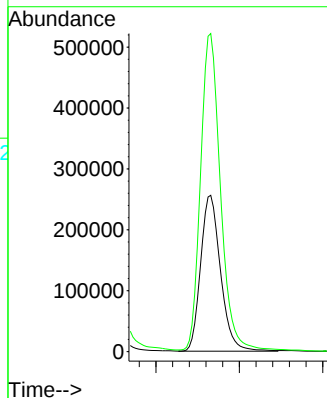
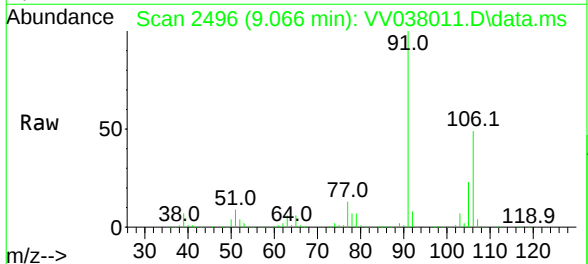
Instrument :
MSVOA_V
ClientSampleId :
GCP83MSD

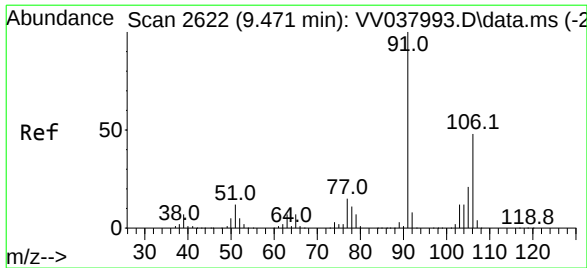
Tgt Ion: 91 Resp: 1099354
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.4



#53
m,p-Xylene
Concen: 12.221 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV038011.D
Acq: 11 Nov 2024 21:18

Tgt Ion: 106 Resp: 424377
Ion Ratio Lower Upper
106 100
91 203.5 139.0 258.2





#54

o-Xylene

Concen: 12.548 ug/L

RT: 9.471 min Scan# 26

Delta R.T. 0.000 min

Lab File: VV038011.D

Acq: 11 Nov 2024 21:18

Instrument :

MSVOA_V

ClientSampleId :

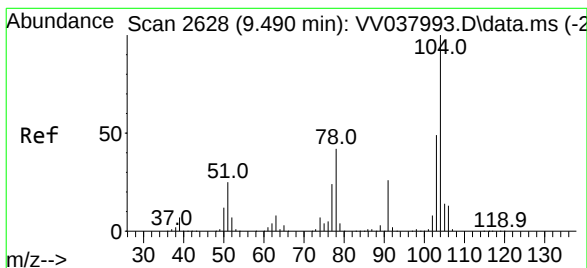
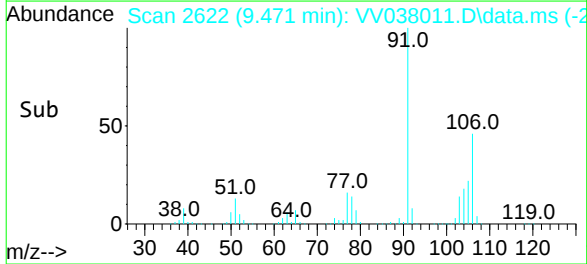
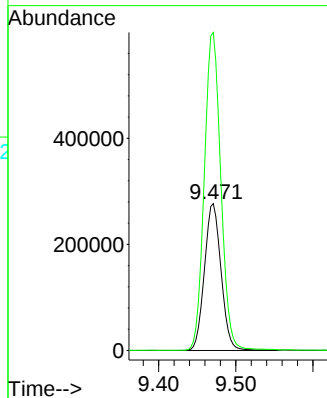
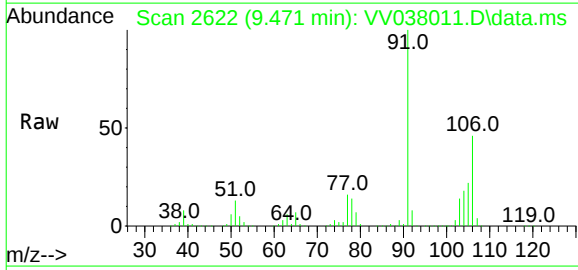
GCP83MSD

Tgt Ion:106 Resp: 414666

Ion Ratio Lower Upper

106 100

91 216.5 152.0 282.2



#55

Styrene

Concen: 12.570 ug/L

RT: 9.487 min Scan# 2627

Delta R.T. -0.003 min

Lab File: VV038011.D

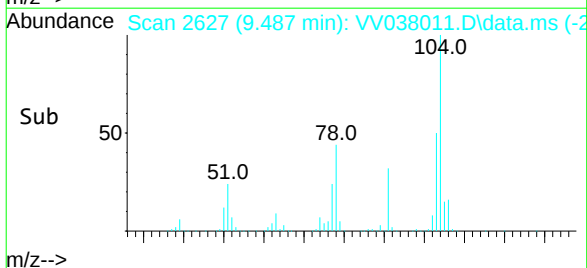
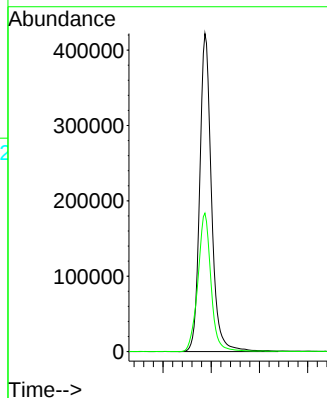
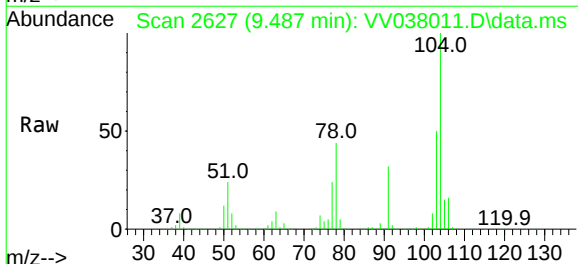
Acq: 11 Nov 2024 21:18

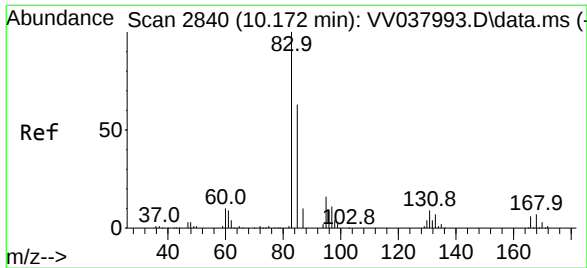
Tgt Ion:104 Resp: 715453

Ion Ratio Lower Upper

104 100

78 43.5 30.9 57.3

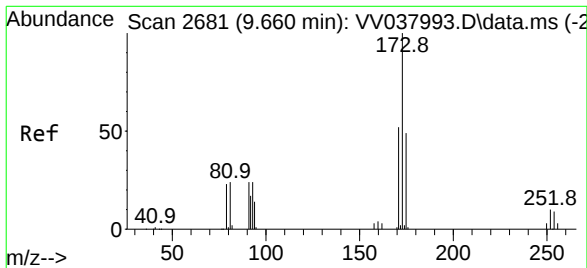
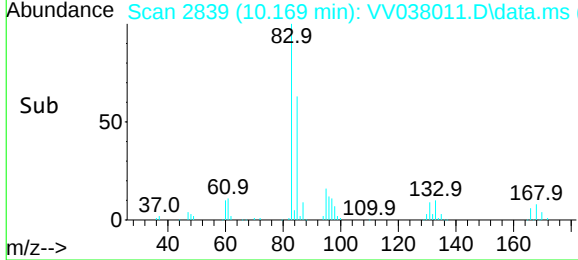
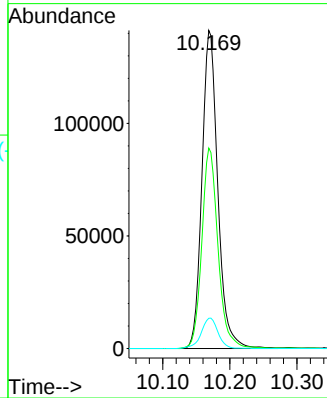
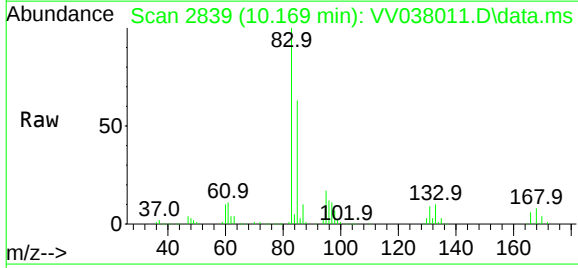




#57
1,1,2,2-Tetrachloroethane
Concen: 13.210 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. -0.003 min
Lab File: VV038011.D
Acq: 11 Nov 2024 21:18

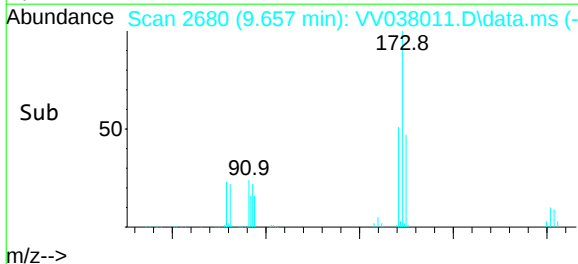
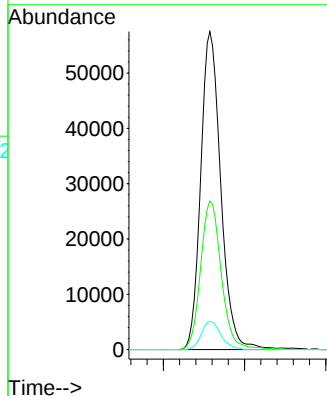
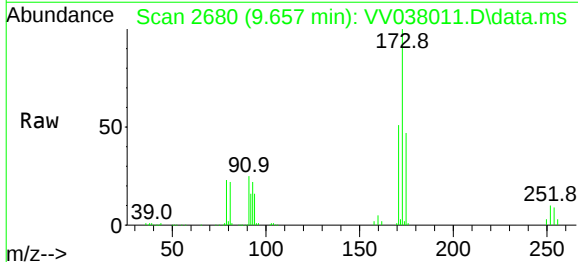
Instrument :
MSVOA_V
ClientSampleId :
GCP83MSD

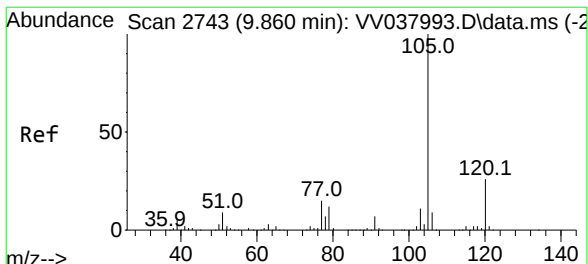
Tgt Ion:	83	Resp:	231724
Ion Ratio	Lower	Upper	
83	100		
85	63.0	44.2	82.2
131	9.5	7.9	11.9



#59
Bromoform
Concen: 10.394 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.003 min
Lab File: VV038011.D
Acq: 11 Nov 2024 21:18

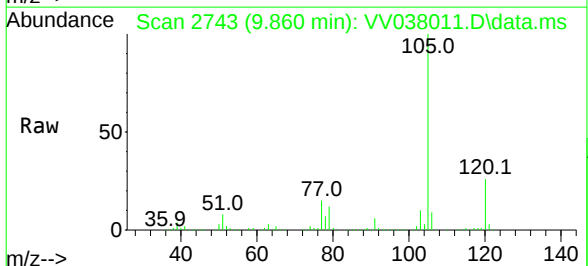
Tgt Ion:	173	Resp:	98541
Ion Ratio	Lower	Upper	
173	100		
175	48.3	38.0	57.0
254	8.8	6.9	10.3





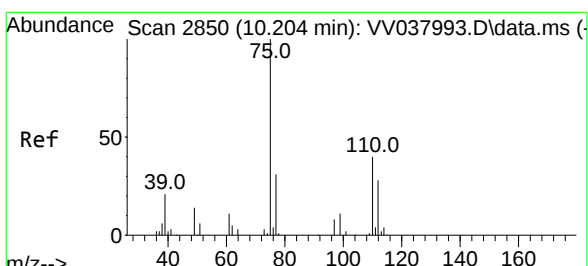
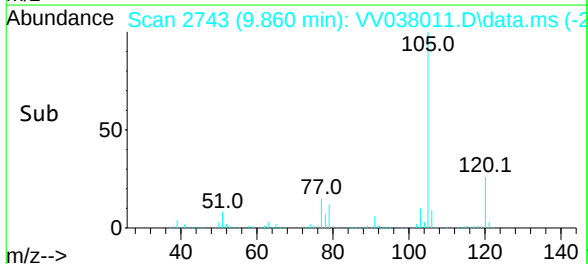
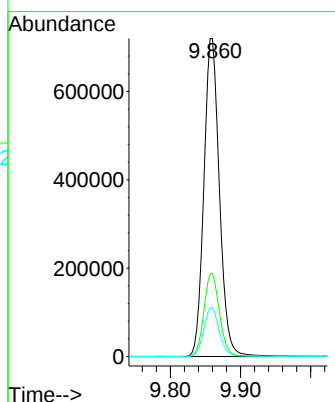
#60
Isopropylbenzene
Concen: 11.654 ug/L
RT: 9.860 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VV038011.D
Acq: 11 Nov 2024 21:18

Instrument :
MSVOA_V
ClientSampleId :
GCP83MSD



Tgt Ion: 105 Resp: 1104878

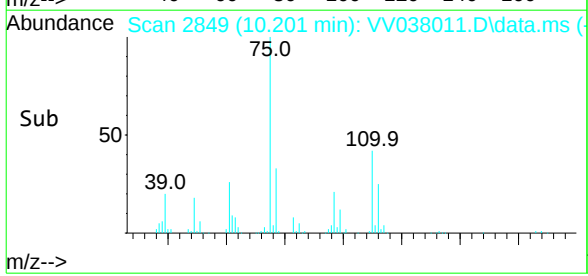
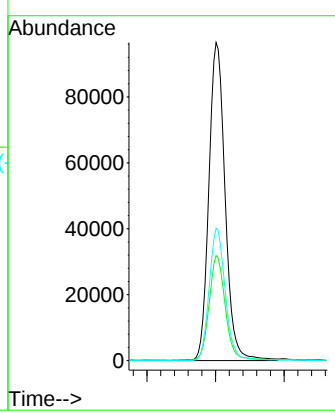
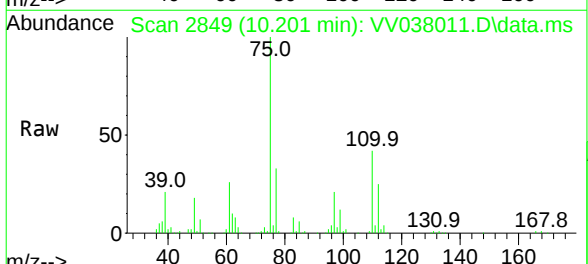
Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.0	31.4
77	15.4	12.2	18.2

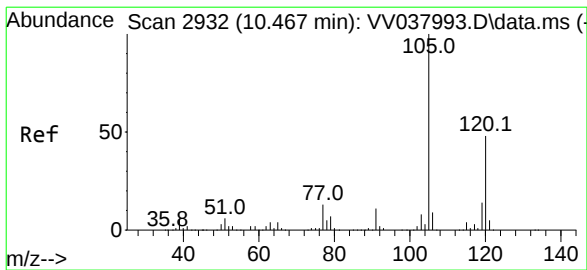


#61
1,2,3-Trichloropropane
Concen: 12.503 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.003 min
Lab File: VV038011.D
Acq: 11 Nov 2024 21:18

Tgt Ion: 75 Resp: 159065

Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.9	37.3
110	41.2	33.5	50.3





#62

1,3,5-Trimethylbenzene

Concen: 11.885 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV038011.D

Acq: 11 Nov 2024 21:18

Instrument :

MSVOA_V

ClientSampleId :

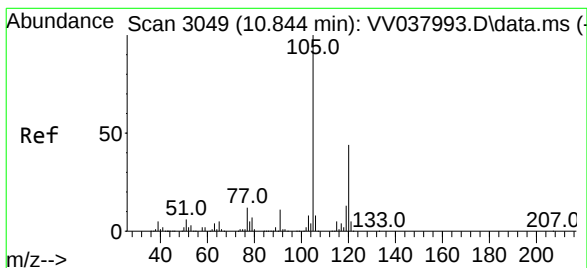
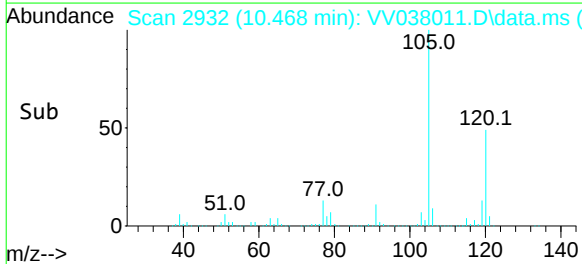
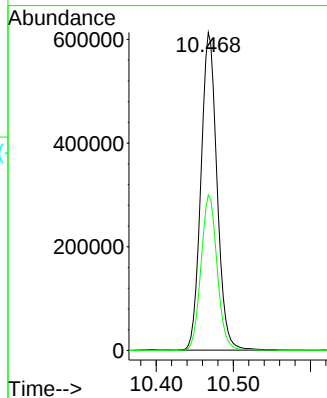
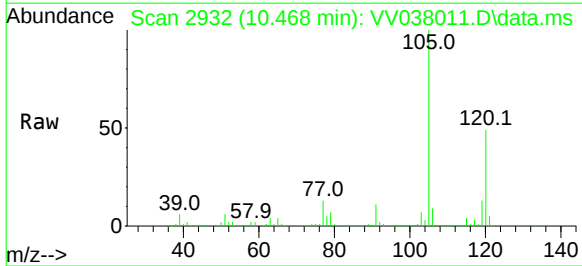
GCP83MSD

Tgt Ion:105 Resp: 885969

Ion Ratio Lower Upper

105 100

120 49.2 39.0 58.6



#63

1,2,4-Trimethylbenzene

Concen: 12.221 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV038011.D

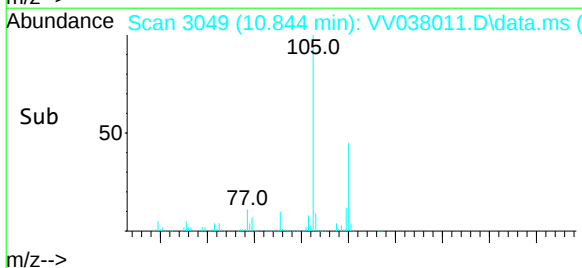
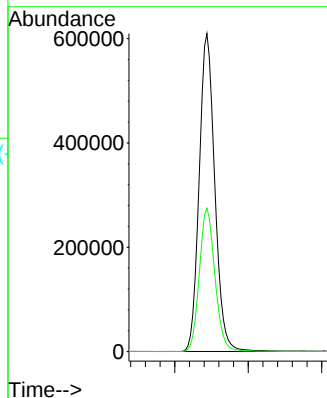
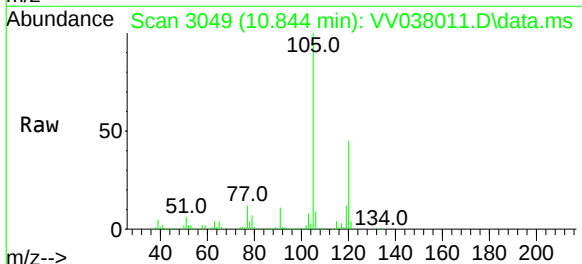
Acq: 11 Nov 2024 21:18

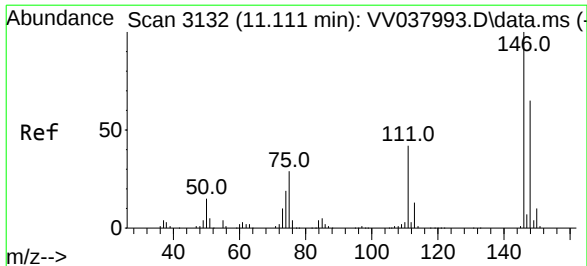
Tgt Ion:105 Resp: 898739

Ion Ratio Lower Upper

105 100

120 45.3 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 11.221 ug/L

RT: 11.107 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV038011.D

Acq: 11 Nov 2024 21:18

Instrument :

MSVOA_V

ClientSampleId :

GCP83MSD

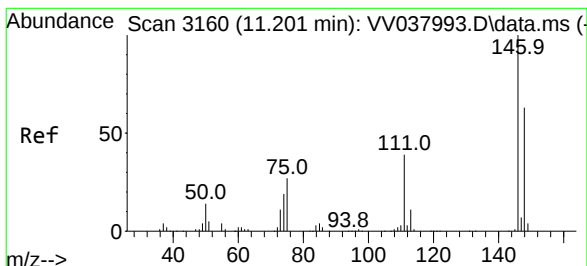
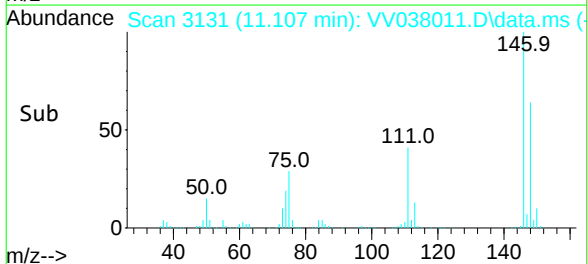
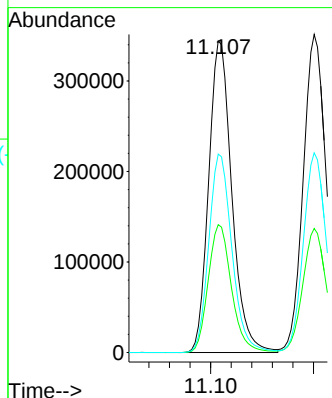
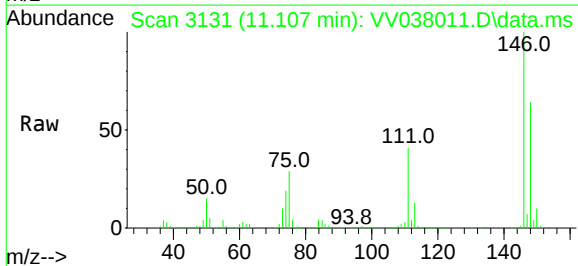
Tgt Ion:146 Resp: 538634

Ion Ratio Lower Upper

146 100

111 41.0 28.7 53.3

148 63.7 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 11.359 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV038011.D

Acq: 11 Nov 2024 21:18

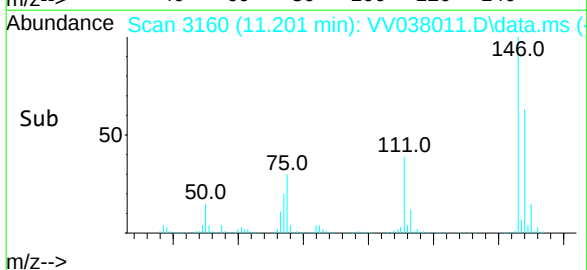
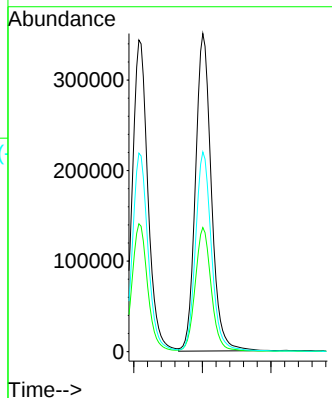
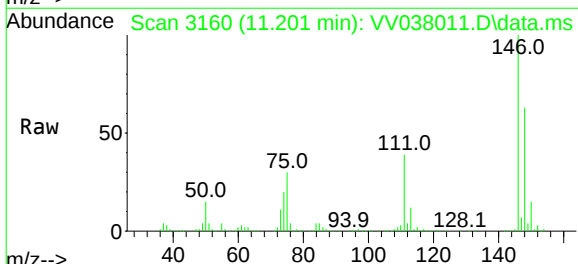
Tgt Ion:146 Resp: 563084

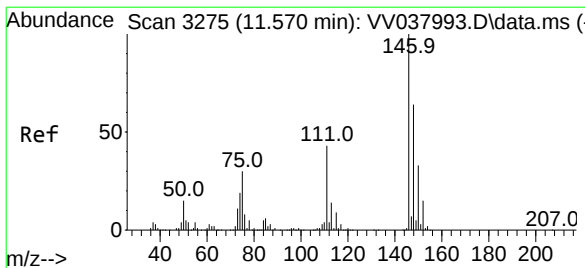
Ion Ratio Lower Upper

146 100

111 39.0 27.6 51.2

148 62.8 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 11.274 ug/L

RT: 11.570 min Scan# 3275

Delta R.T. 0.000 min

Lab File: VV038011.D

Acq: 11 Nov 2024 21:18

Instrument :

MSVOA_V

ClientSampleId :

GCP83MSD

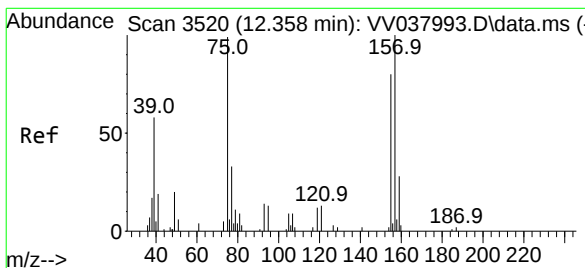
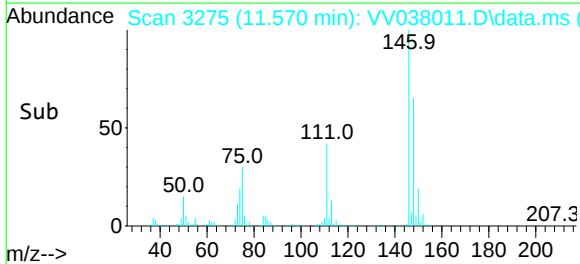
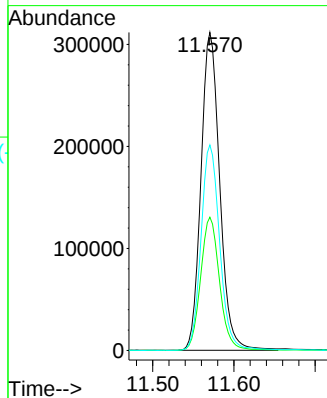
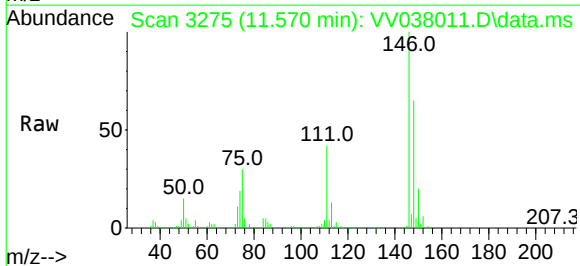
Tgt Ion:146 Resp: 500458

Ion Ratio Lower Upper

146 100

111 41.9 33.9 50.9

148 64.6 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 12.806 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV038011.D

Acq: 11 Nov 2024 21:18

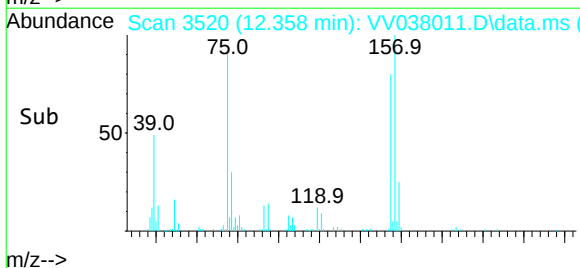
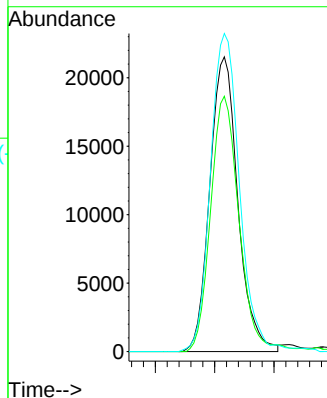
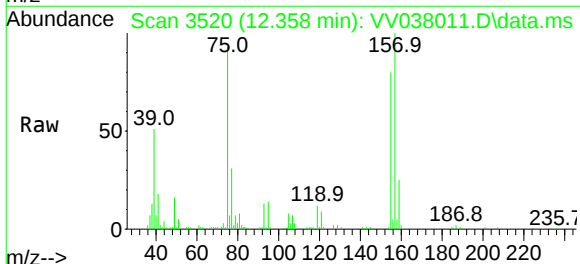
Tgt Ion: 75 Resp: 35370

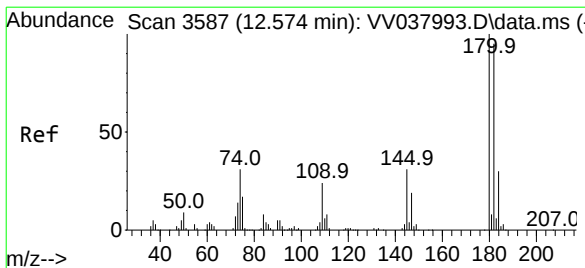
Ion Ratio Lower Upper

75 100

155 86.6 70.2 105.2

157 107.9 80.2 120.4





#69

1,3,5-Trichlorobenzene

Concen: 11.150 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

Lab File: VV038011.D

Acq: 11 Nov 2024 21:18

Instrument :

MSVOA_V

ClientSampleId :

GCP83MSD

Tgt Ion:180 Resp: 377772

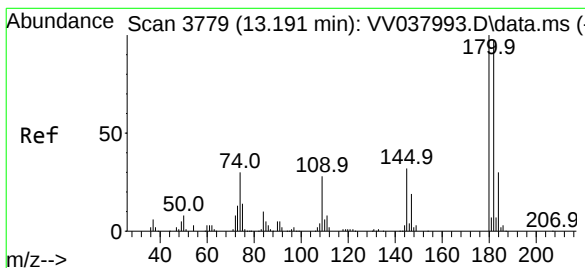
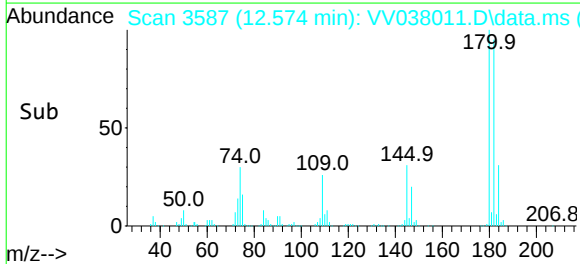
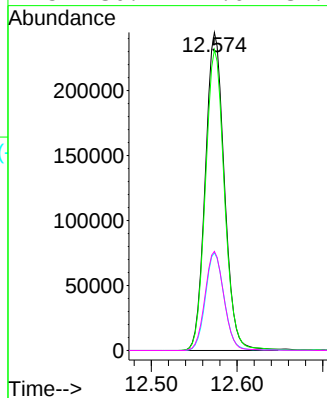
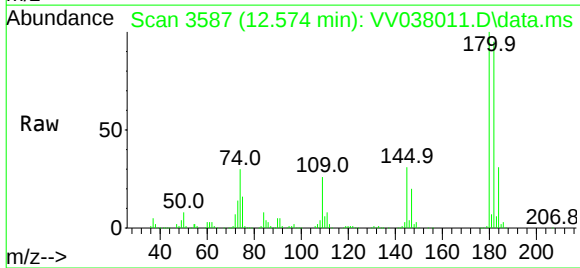
Ion Ratio Lower Upper

180 100

182 94.8 76.2 114.4

184 30.2 24.1 36.1

145 30.9 24.6 37.0



#70

1,2,4-trichlorobenzene

Concen: 12.502 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV038011.D

Acq: 11 Nov 2024 21:18

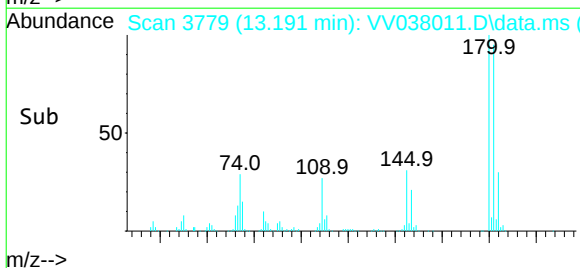
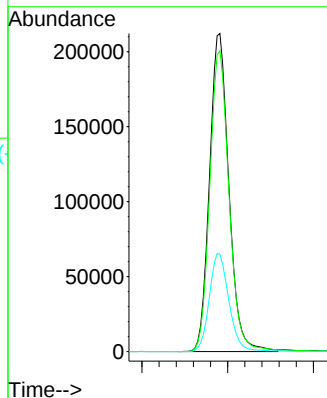
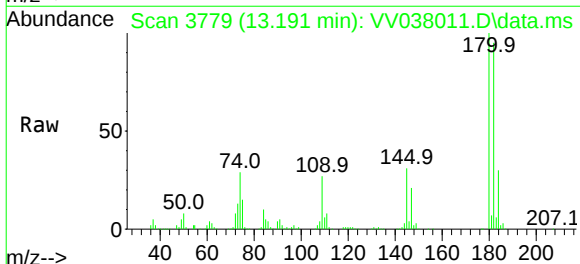
Tgt Ion:180 Resp: 332588

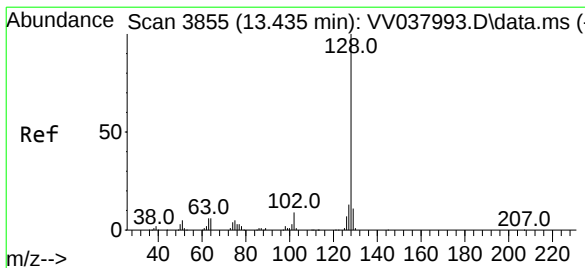
Ion Ratio Lower Upper

180 100

182 94.5 74.8 112.2

145 31.3 25.4 38.0





#71

Naphthalene

Concen: 14.939 ug/L

RT: 13.432 min Scan# 38

Delta R.T. -0.003 min

Lab File: VV038011.D

Acq: 11 Nov 2024 21:18

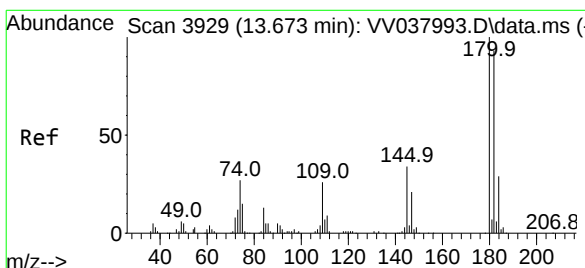
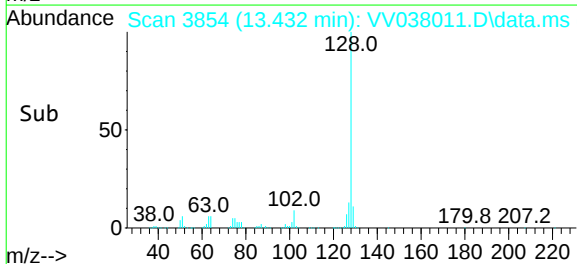
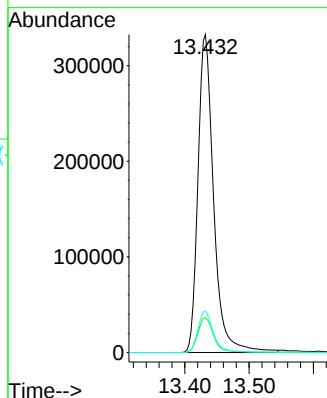
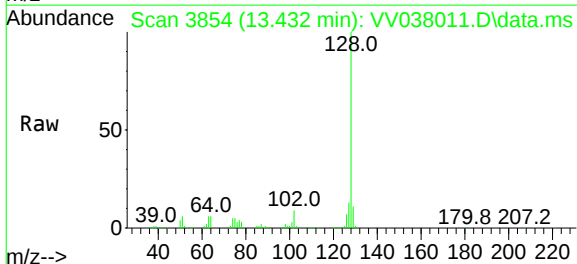
Instrument :

MSVOA_V

ClientSampleId :

GCP83MSD

Tgt Ion:	128	Resp:	563997
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.3	12.5
127	12.7	9.9	14.9



#72

1,2,3-Trichlorobenzene

Concen: 13.681 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. -0.003 min

Lab File: VV038011.D

Acq: 11 Nov 2024 21:18

Tgt Ion:	180	Resp:	313772
Ion	Ratio	Lower	Upper
180	100		
182	94.9	79.4	119.0
145	33.6	26.6	40.0

