

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103124\
 Data File : VU061323.D
 Acq On : 31 Oct 2024 19:56
 Operator : MD/SY
 Sample : P4629-12MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCP25MSD

Quant Time: Nov 01 00:03:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 31 23:55:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	179278	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	165010	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	78606	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	46666	3.832	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.907	69	51984	4.656	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.560	65	21564	4.139	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.624	46	124688	50.428	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.860%
24) Chloroform-d	5.052	84	111548	4.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.692	65	57051	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.718	84	222103	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.682	67	67590	4.835	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.891	98	206773	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	8.174	79	26129	4.579	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.627	63	113563	48.593	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.180%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	53493	5.060	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	69605	5.001	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	57546	4.815	ug/L	100
3) Chloromethane	1.518	50	53774	4.266	ug/L	100
5) Vinyl chloride	1.599	62	62995	4.546	ug/L	99
6) Bromomethane	1.856	94	46902	5.108	ug/L	96
8) Chloroethane	1.930	64	51926	5.089	ug/L	100
9) Trichlorofluoromethane	2.132	101	156143	8.296	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	53795	4.813	ug/L	98
12) 1,1-Dichloroethene	2.573	96	49655	4.685	ug/L	96
13) Acetone	2.640	43	75824	48.417	ug/L	96
14) Carbon disulfide	2.788	76	145883	4.125	ug/L	99
15) Methyl Acetate	2.952	43	17341	4.472	ug/L	96
16) Methylene chloride	3.039	84	57124	4.573	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	138491	4.821	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	55151	4.706	ug/L	98
19) 1,1-Dichloroethane	3.859	63	107646	4.870	ug/L	98
21) 2-Butanone	4.702	43	122056	49.163	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	78920	5.895	ug/L	99
23) Bromochloromethane	4.968	128	28170	5.001	ug/L	99
25) Chloroform	5.078	83	112904	4.858	ug/L	99

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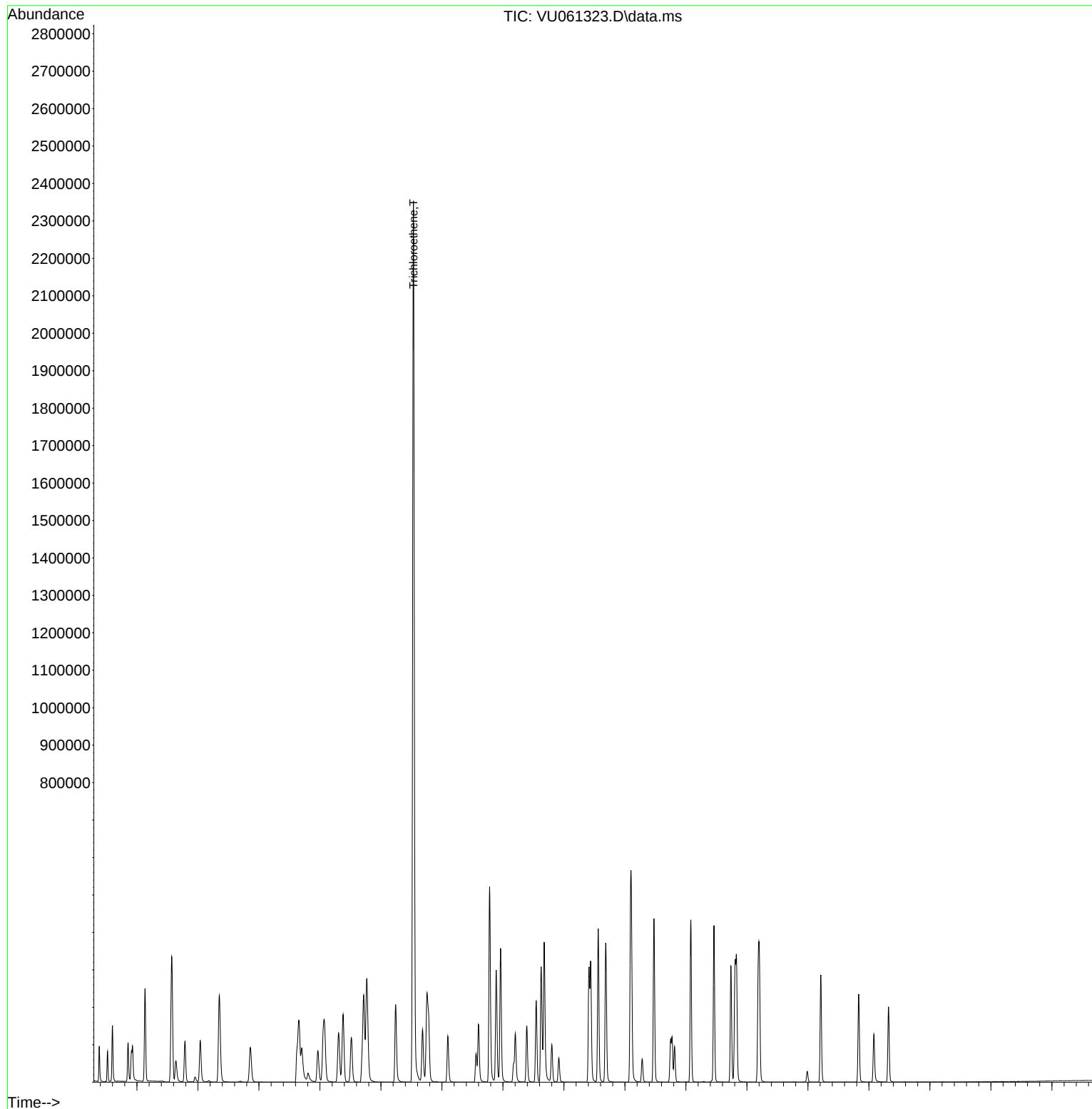
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	70579	4.805	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	96599	4.781	ug/L	99
30) Cyclohexane	5.380	56	92401	4.559	ug/L	99
31) Carbon tetrachloride	5.515	117	81815	4.732	ug/L	99
33) Benzene	5.766	78	248736	4.874	ug/L	100
34) Trichloroethene	6.534	95	808348	58.230	ug/L	99
35) Methylcyclohexane	6.753	83	101229	4.582	ug/L	99
37) 1,2-Dichloropropane	6.782	63	63559	4.914	ug/L	100
38) Bromodichloromethane	7.097	83	79804	4.875	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	95961	4.803	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	321399	49.923	ug/L	99
42) Toluene	7.962	91	269662	4.866	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	76717	4.713	ug/L	100
45) 1,1,2-Trichloroethane	8.389	97	46245	4.968	ug/L	98
47) Tetrachloroethene	8.547	164	46587	4.805	ug/L	96
48) 2-Hexanone	8.676	43	229216	50.350	ug/L	99
49) Dibromochloromethane	8.801	129	49950	4.731	ug/L	93
50) 1,2-Dibromoethane	8.917	107	44015	4.867	ug/L	94
51) Chlorobenzene	9.441	112	170907	4.879	ug/L	98
52) Ethylbenzene	9.563	91	295361	4.845	ug/L	98
53) m,p-Xylene	9.685	106	111734	4.811	ug/L	94
54) o-Xylene	10.094	106	108921	4.752	ug/L	98
55) Styrene	10.106	104	177370	4.827	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	57016	5.083	ug/L	98
59) Bromoform	10.283	173	27587	4.741	ug/L	97
60) Isopropylbenzene	10.476	105	290802	4.843	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	38989	4.979	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	232574	4.758	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	228604	4.731	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	125918	4.982	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	126834	4.923	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	118871	4.997	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7789	4.737	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	86317	4.983	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	71080	5.084	ug/L	98
71) Naphthalene	14.081	128	112973	5.121	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	60691	5.189	ug/L	100

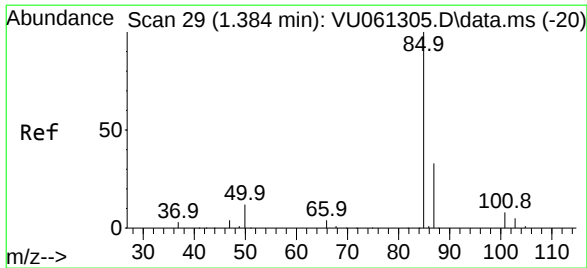
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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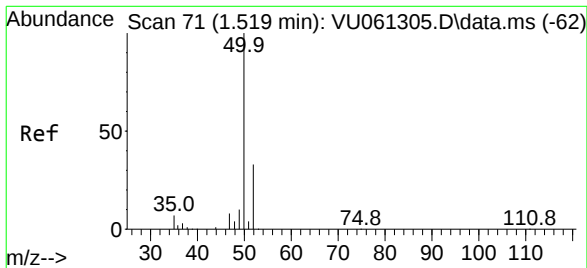
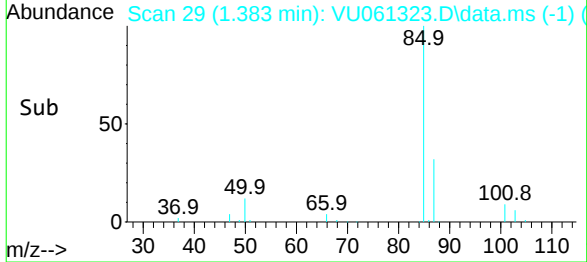
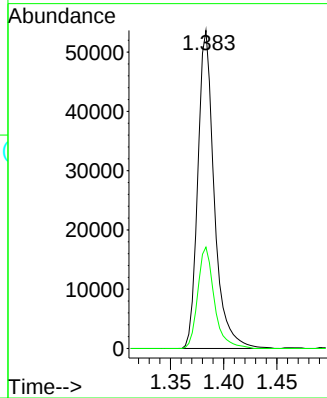
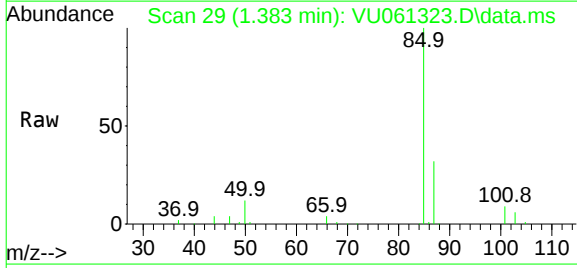




#2
 Dichlorodifluoromethane
 Concen: 4.815 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU061323.D
 Acq: 31 Oct 2024 19:56

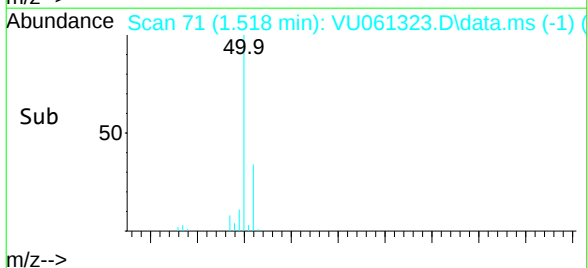
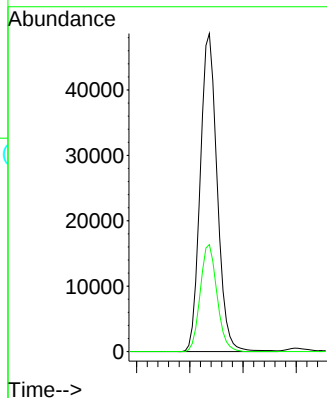
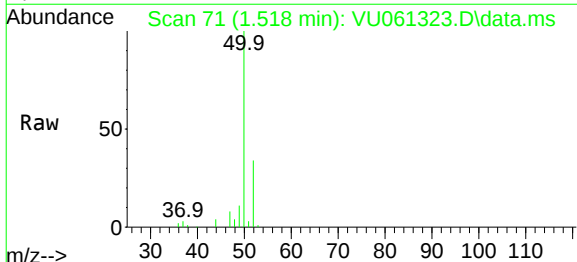
Instrument :
 MSVOA_U
 ClientSampleId :
 GCP25MSD

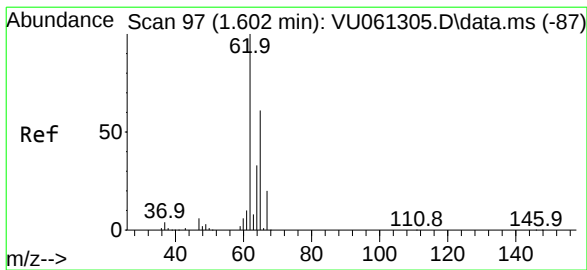
Tgt Ion: 85 Resp: 57546
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.7 38.5



#3
 Chloromethane
 Concen: 4.266 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU061323.D
 Acq: 31 Oct 2024 19:56

Tgt Ion: 50 Resp: 53774
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.4 43.4





#5

Vinyl chloride

Concen: 4.546 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.004 min

Lab File: VU061323.D

Acq: 31 Oct 2024 19:56

Instrument :

MSVOA_U

ClientSampleId :

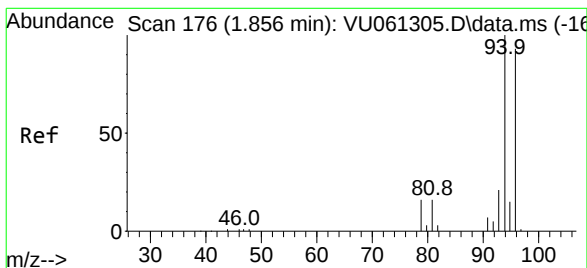
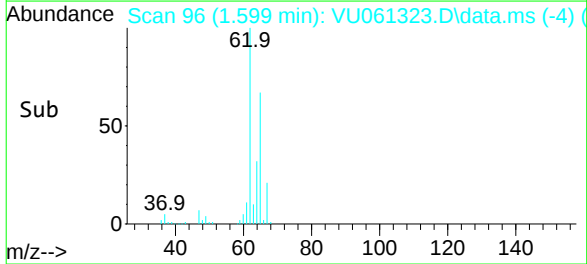
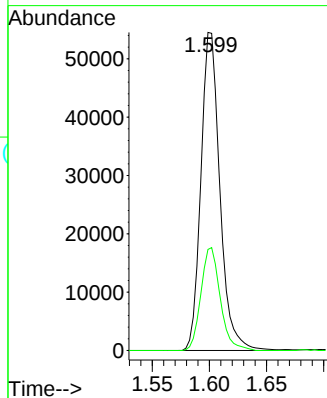
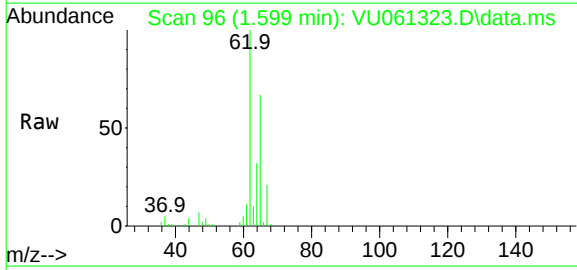
GCP25MSD

Tgt Ion: 62 Resp: 62995

Ion Ratio Lower Upper

62 100

64 31.8 22.6 42.0



#6

Bromomethane

Concen: 5.108 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU061323.D

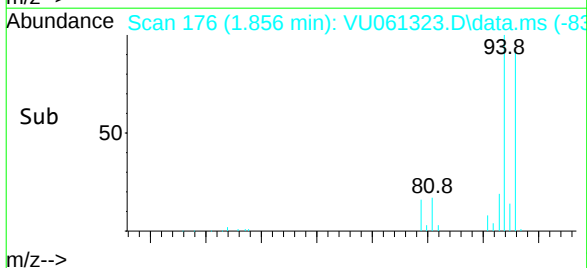
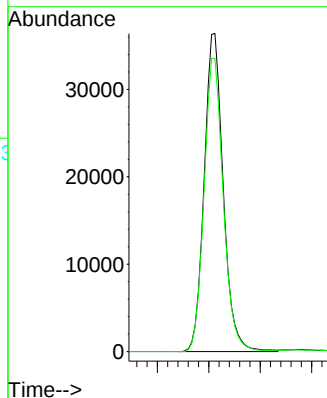
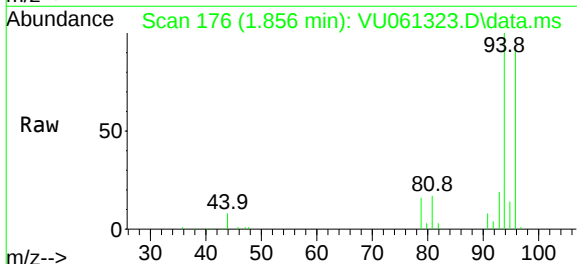
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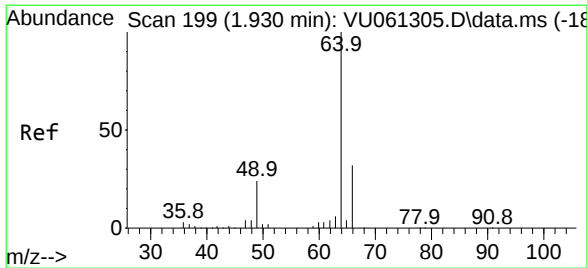
Tgt Ion: 94 Resp: 46902

Ion Ratio Lower Upper

94 100

96 92.1 66.9 124.3

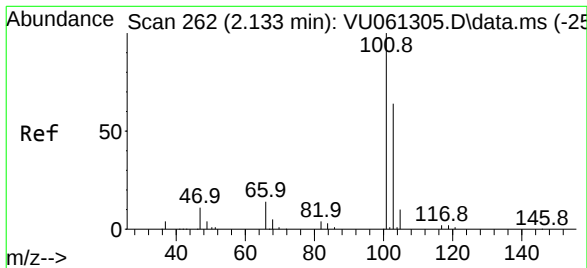
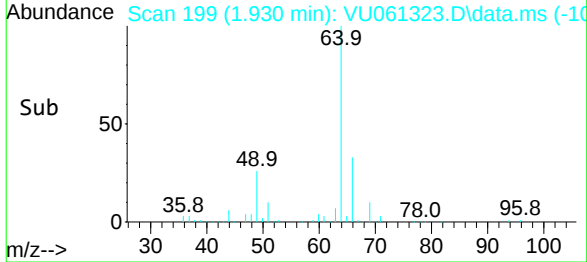
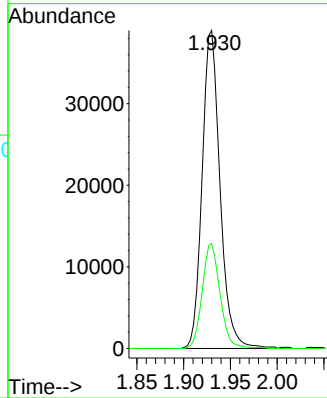
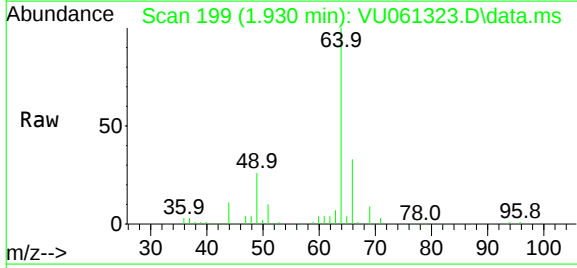




#8
Chloroethane
Concen: 5.089 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061323.D
Acq: 31 Oct 2024 19:56

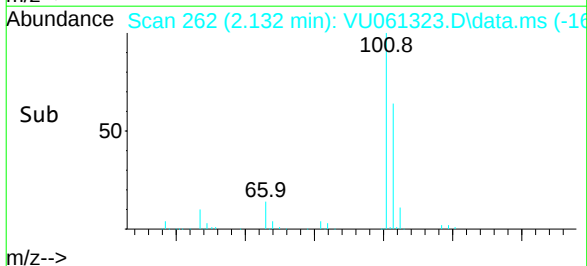
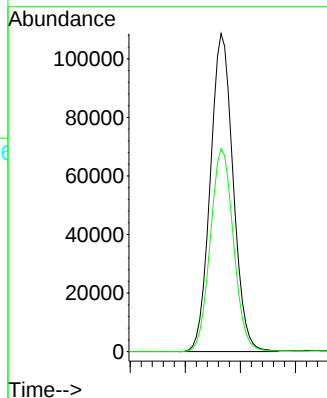
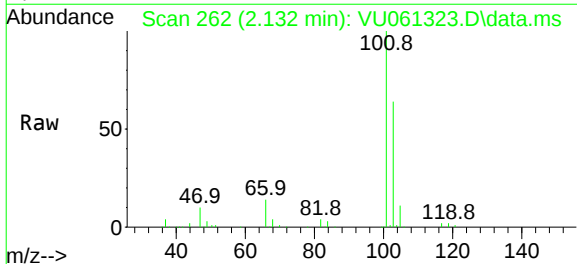
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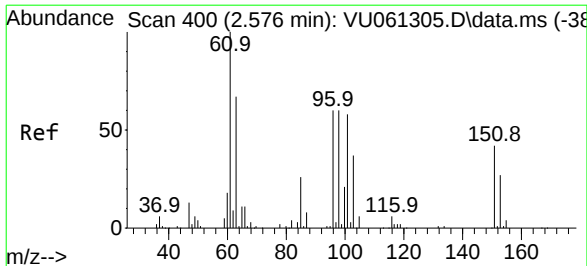
Tgt Ion: 64 Resp: 51926
Ion Ratio Lower Upper
64 100
66 33.1 23.1 42.9



#9
Trichlorofluoromethane
Concen: 8.296 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061323.D
Acq: 31 Oct 2024 19:56

Tgt Ion: 101 Resp: 156143
Ion Ratio Lower Upper
101 100
103 65.0 50.6 75.8

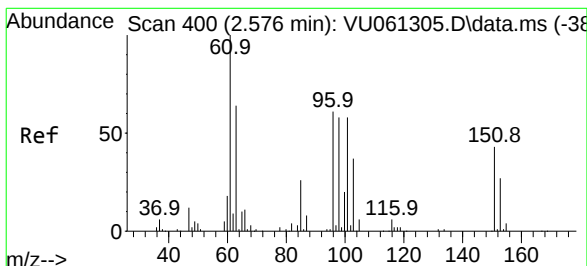
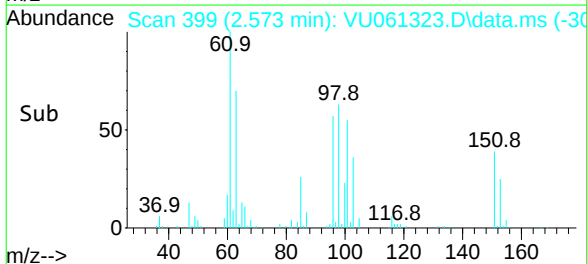
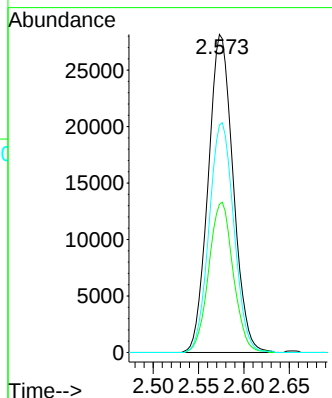
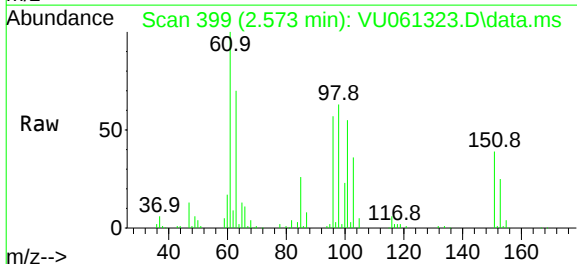




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.813 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.004 min
Lab File: VU061323.D
Acq: 31 Oct 2024 19:56

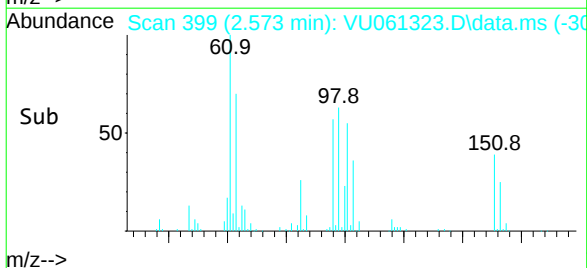
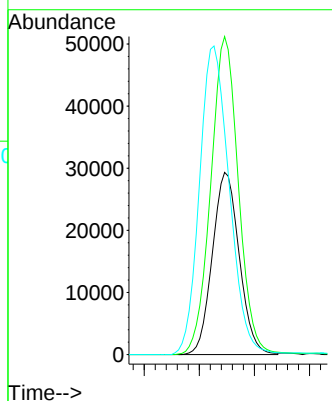
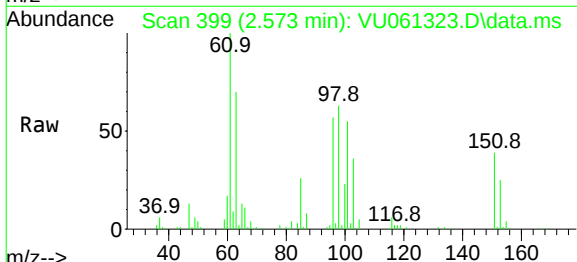
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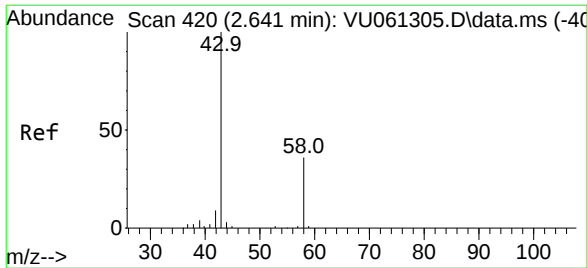
Tgt Ion:	101	Resp:	53795
Ion	Ratio	Lower	Upper
101	100		
85	46.2	35.6	53.4
151	71.8	55.9	83.9



#12
1,1-Dichloroethene
Concen: 4.685 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.004 min
Lab File: VU061323.D
Acq: 31 Oct 2024 19:56

Tgt Ion:	96	Resp:	49655
Ion	Ratio	Lower	Upper
96	100		
61	174.6	119.1	221.1
63	122.3	89.4	166.0





#13

Acetone

Concen: 48.417 ug/L

RT: 2.640 min Scan# 420

Delta R.T. -0.000 min

Lab File: VU061323.D

Acq: 31 Oct 2024 19:56

Instrument :

MSVOA_U

ClientSampleId :

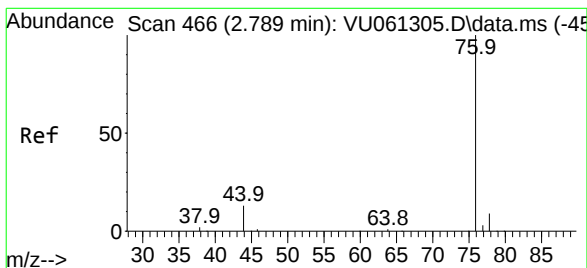
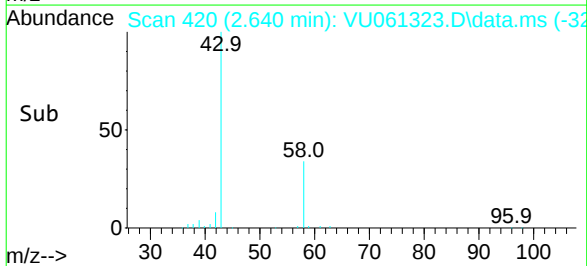
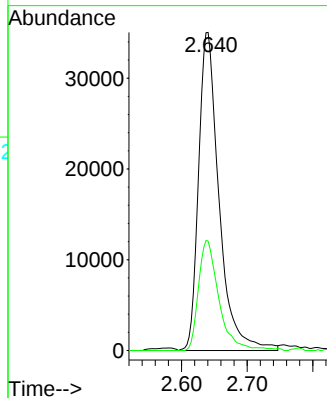
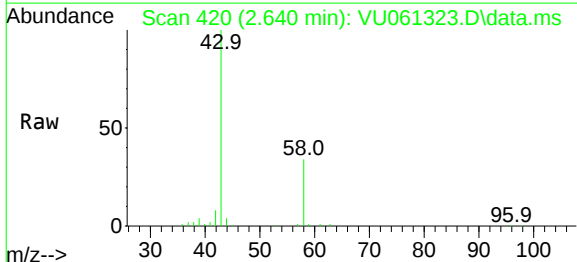
GCP25MSD

Tgt Ion: 43 Resp: 75824

Ion Ratio Lower Upper

43 100

58 33.9 0.0 73.2



#14

Carbon disulfide

Concen: 4.125 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

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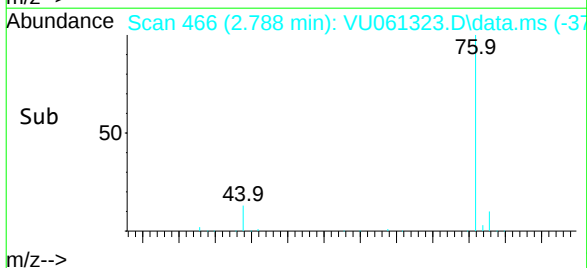
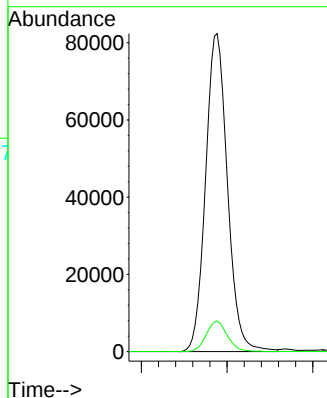
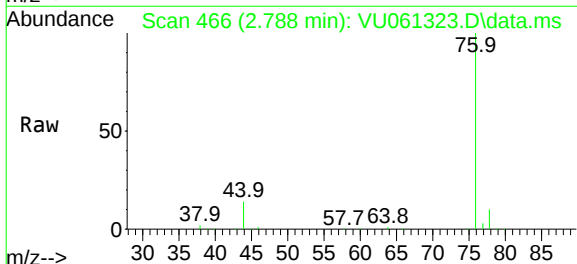
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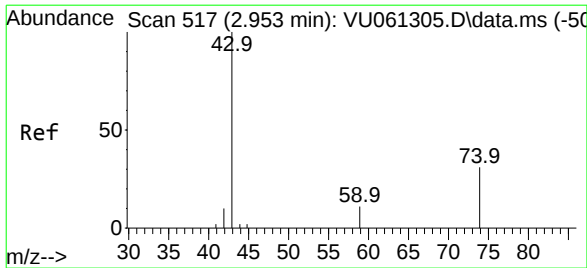
Tgt Ion: 76 Resp: 145883

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2

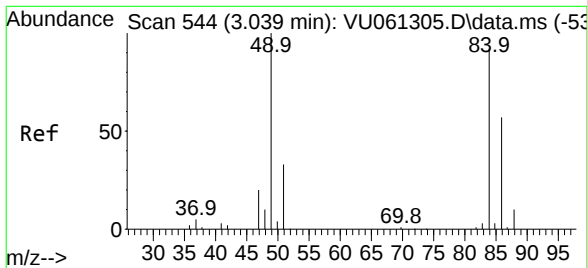
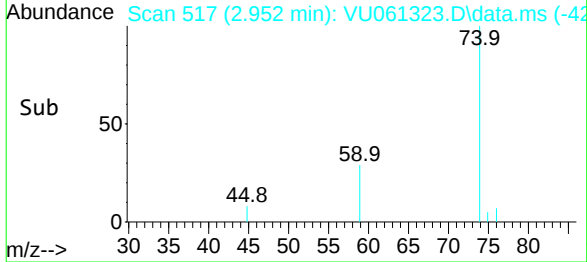
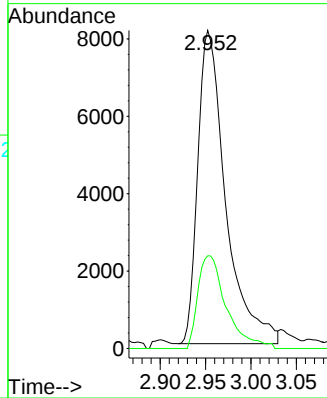
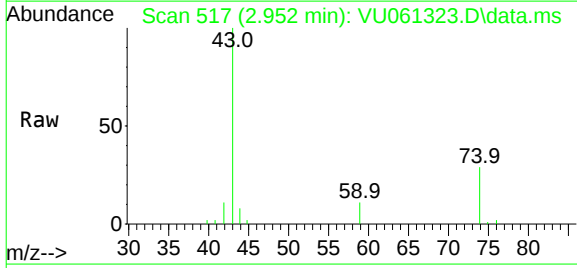




#15
Methyl Acetate
Concen: 4.472 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU061323.D
Acq: 31 Oct 2024 19:56

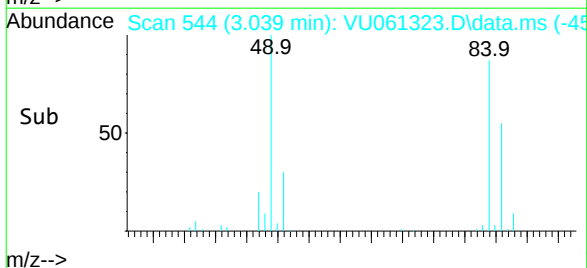
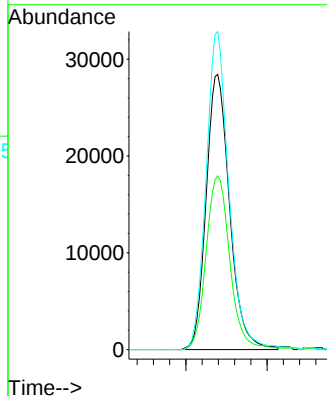
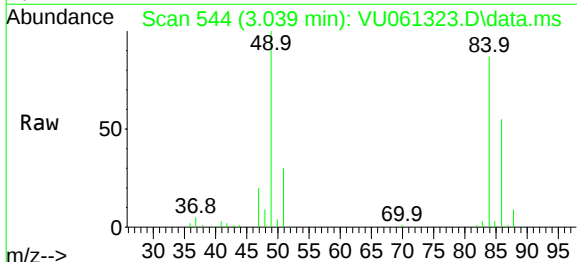
Instrument :
MSVOA_U
ClientSampleId :
GCP25MSD

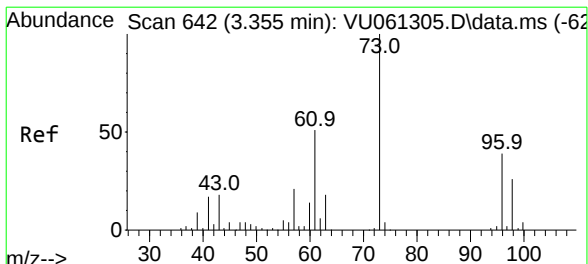
Tgt Ion: 43 Resp: 17341
Ion Ratio Lower Upper
43 100
74 30.0 22.2 33.4



#16
Methylene chloride
Concen: 4.573 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU061323.D
Acq: 31 Oct 2024 19:56

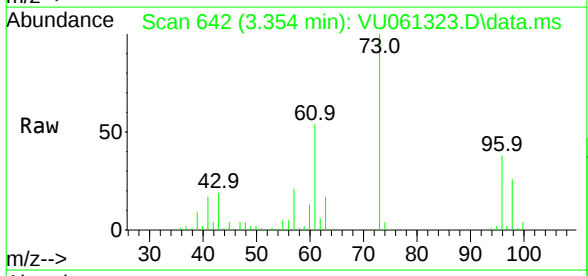
Tgt Ion: 84 Resp: 57124
Ion Ratio Lower Upper
84 100
86 63.1 43.5 80.7
49 115.6 75.7 140.7





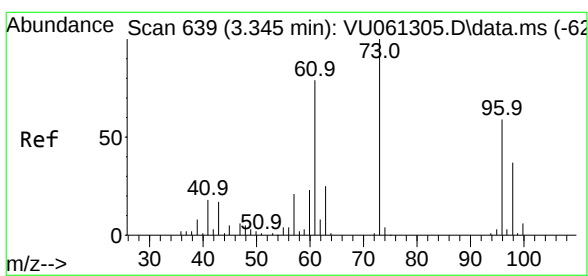
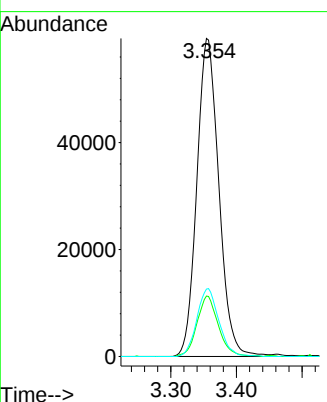
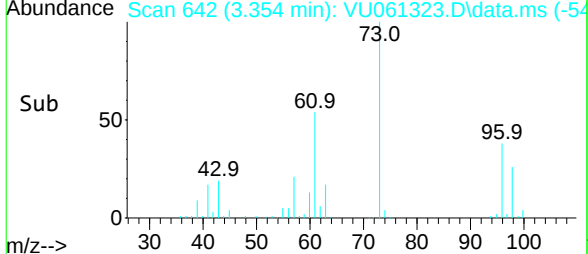
#17
Methyl tert-butyl Ether
Concen: 4.821 ug/L
RT: 3.354 min Scan# 64
Delta R.T. -0.000 min
Lab File: VU061323.D
Acq: 31 Oct 2024 19:56

Instrument :
MSVOA_U
ClientSampleId :
GCP25MSD

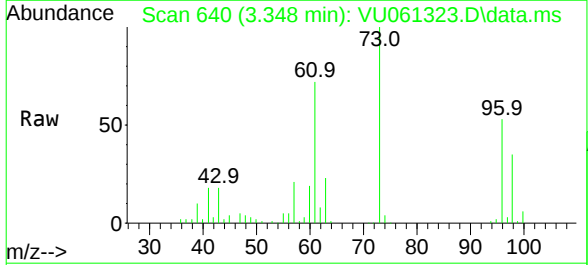


Tgt Ion: 73 Resp: 138491

Ion	Ratio	Lower	Upper
73	100		
43	18.4	15.0	22.4
57	21.4	17.0	25.6

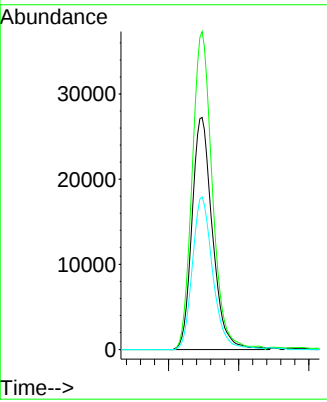
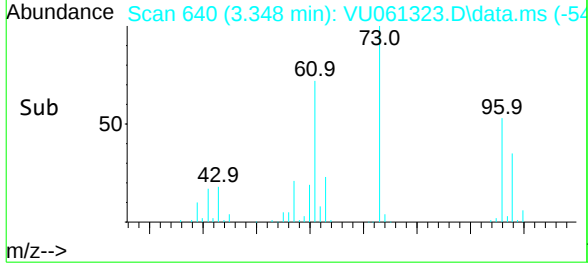


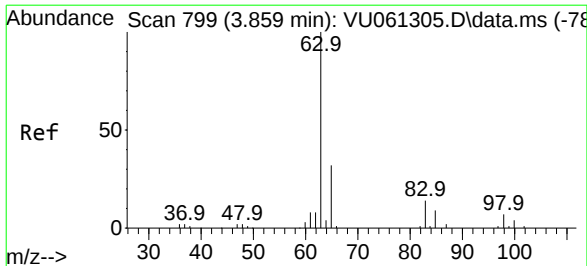
#18
trans-1,2-Dichloroethene
Concen: 4.706 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061323.D
Acq: 31 Oct 2024 19:56



Tgt Ion: 96 Resp: 55151

Ion	Ratio	Lower	Upper
96	100		
61	137.0	97.9	181.7
98	65.8	46.2	85.8

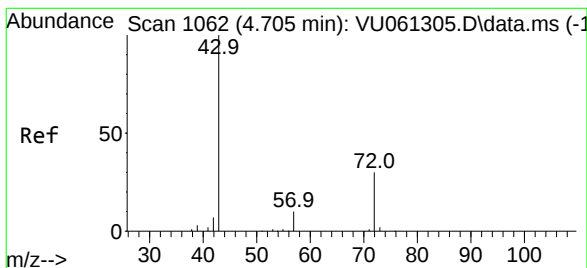
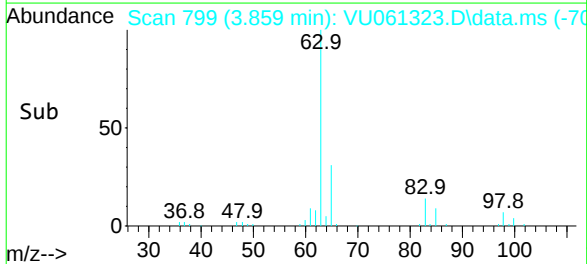
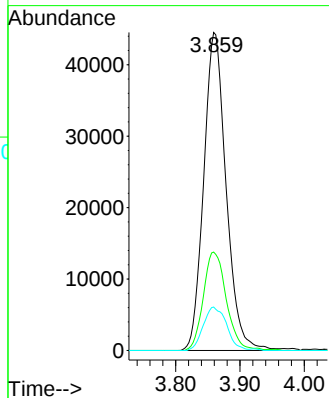
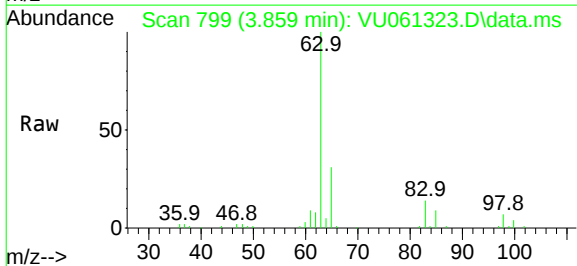




#19
1,1-Dichloroethane
Concen: 4.870 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061323.D
Acq: 31 Oct 2024 19:56

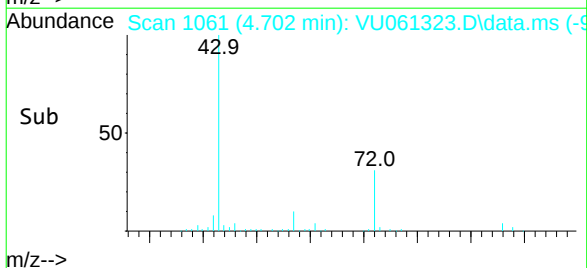
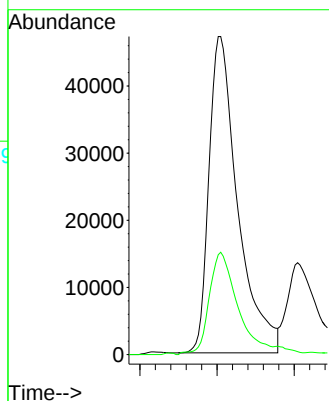
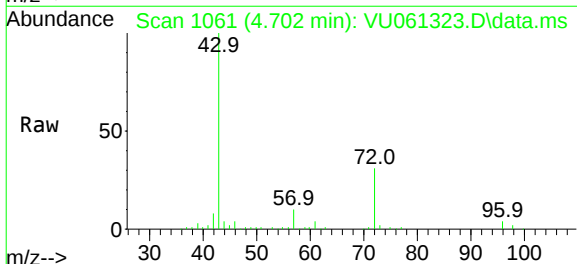
Instrument :
MSVOA_U
ClientSampleId :
GCP25MSD

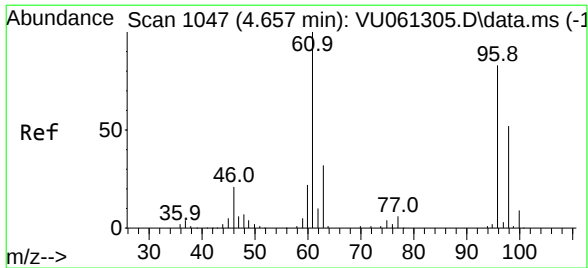
Tgt Ion: 63 Resp: 107646
Ion Ratio Lower Upper
63 100
65 30.9 23.0 42.6
83 13.7 9.7 17.9



#21
2-Butanone
Concen: 49.163 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. -0.004 min
Lab File: VU061323.D
Acq: 31 Oct 2024 19:56

Tgt Ion: 43 Resp: 122056
Ion Ratio Lower Upper
43 100
72 32.0 15.9 47.6

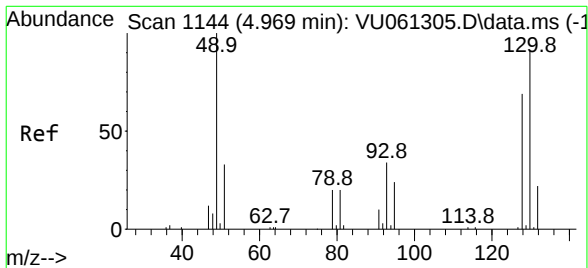
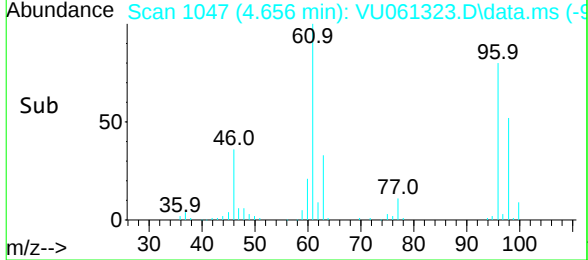
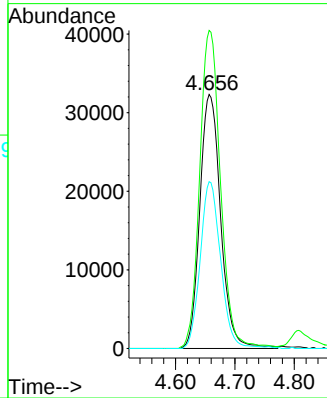
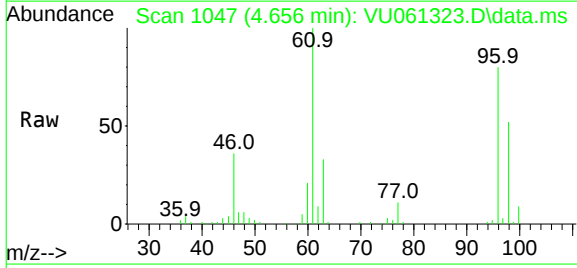




#22
 cis-1,2-Dichloroethene
 Concen: 5.895 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU061323.D
 Acq: 31 Oct 2024 19:56

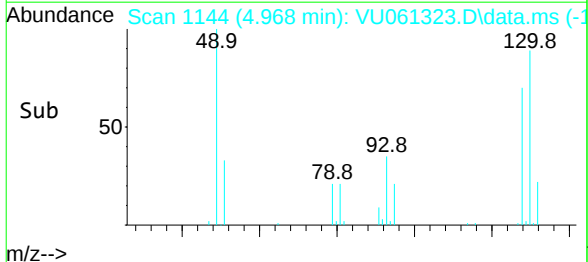
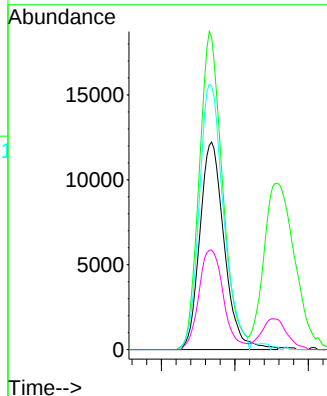
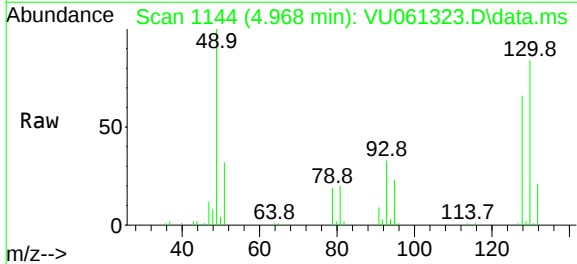
Instrument :
 MSVOA_U
 ClientSampleId :
 GCP25MSD

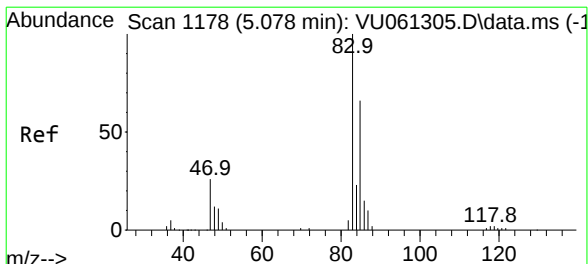
Tgt Ion:	96	Resp:	78920
Ion	Ratio	Lower	Upper
96	100		
61	125.2	88.1	163.5
98	65.7	45.0	83.6



#23
 Bromochloromethane
 Concen: 5.001 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU061323.D
 Acq: 31 Oct 2024 19:56

Tgt Ion:	128	Resp:	28170
Ion	Ratio	Lower	Upper
128	100		
49	150.6	105.1	195.1
130	126.9	89.6	166.4
51	48.0	38.7	58.1

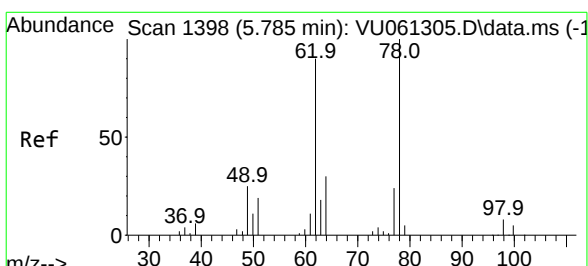
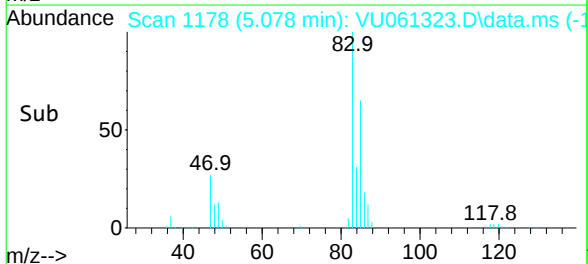
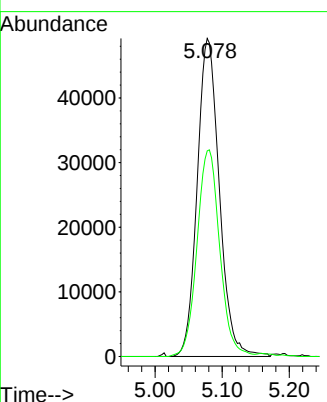
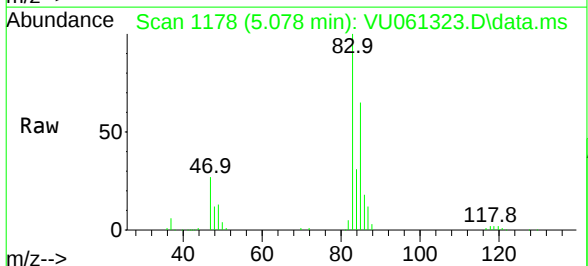




#25
 Chloroform
 Concen: 4.858 ug/L
 RT: 5.078 min Scan# 1178
 Delta R.T. -0.000 min
 Lab File: VU061323.D
 Acq: 31 Oct 2024 19:56

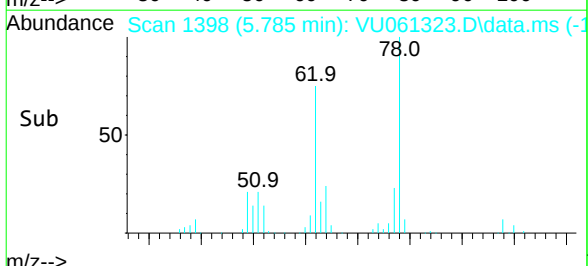
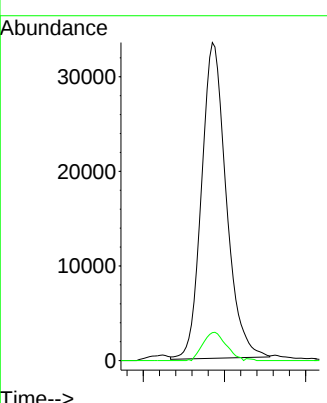
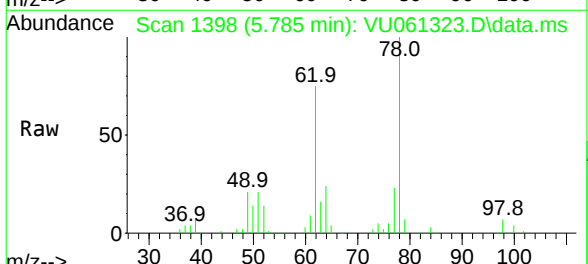
Instrument :
 MSVOA_U
 ClientSampleId :
 GCP25MSD

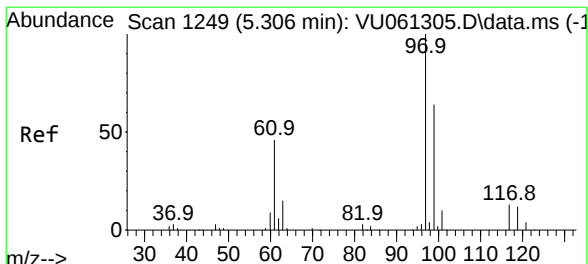
Tgt Ion:	83	Resp:	112904
Ion Ratio	Lower	Upper	
83	100		
85	64.6	45.6	84.6



#27
 1,2-Dichloroethane
 Concen: 4.805 ug/L
 RT: 5.785 min Scan# 1398
 Delta R.T. -0.000 min
 Lab File: VU061323.D
 Acq: 31 Oct 2024 19:56

Tgt Ion:	62	Resp:	70579
Ion Ratio	Lower	Upper	
62	100		
98	8.8	7.4	11.0

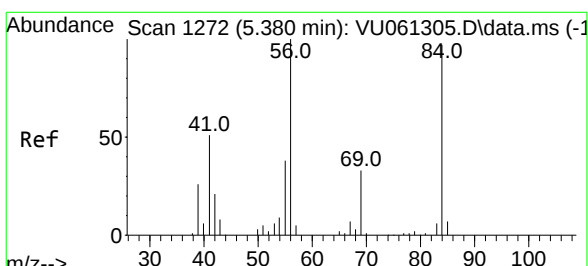
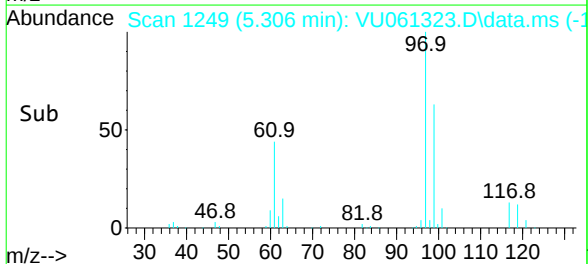
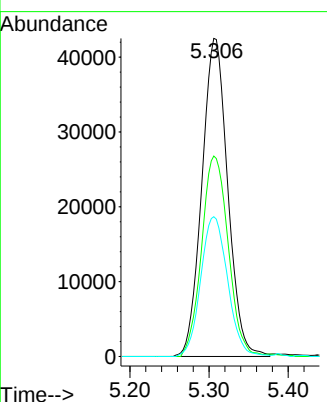
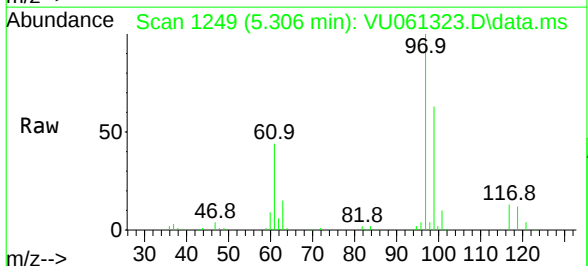




#29
 1,1,1-Trichloroethane
 Concen: 4.781 ug/L
 RT: 5.306 min Scan# 1272
 Delta R.T. -0.000 min
 Lab File: VU061323.D
 Acq: 31 Oct 2024 19:56

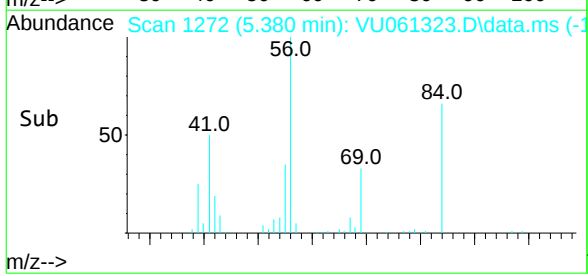
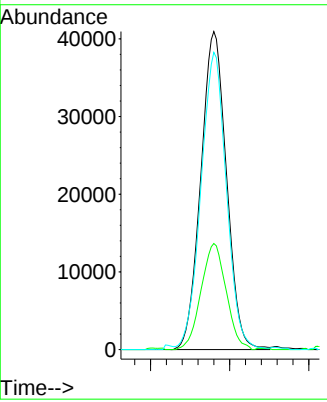
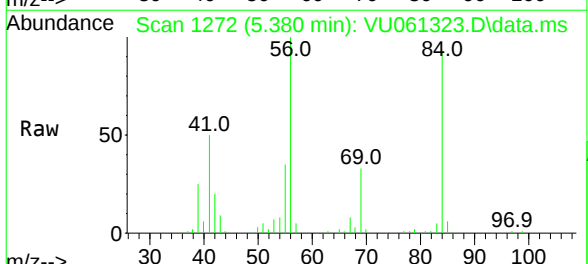
Instrument :
 MSVOA_U
 ClientSampleId :
 GCP25MSD

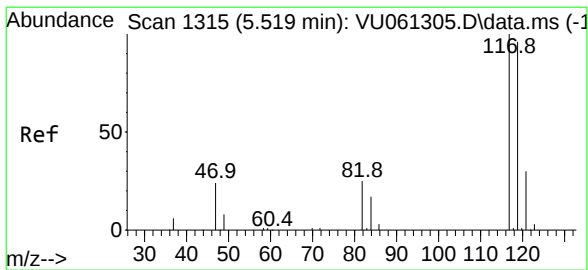
Tgt Ion:	97	Resp:	96599
Ion	Ratio	Lower	Upper
97	100		
99	64.9	50.8	76.2
61	45.7	36.1	54.1



#30
 Cyclohexane
 Concen: 4.559 ug/L
 RT: 5.380 min Scan# 1272
 Delta R.T. -0.000 min
 Lab File: VU061323.D
 Acq: 31 Oct 2024 19:56

Tgt Ion:	56	Resp:	92401
Ion	Ratio	Lower	Upper
56	100		
69	32.6	25.8	38.6
84	91.4	73.9	110.9

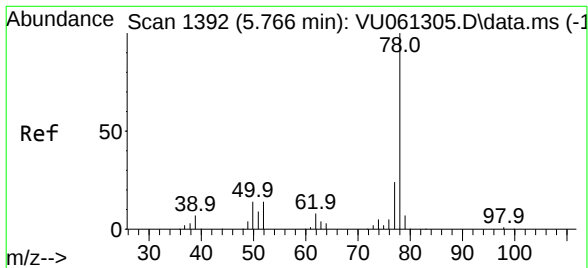
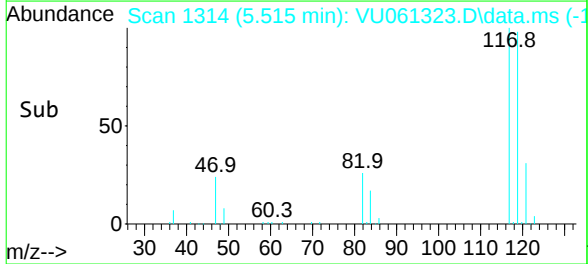
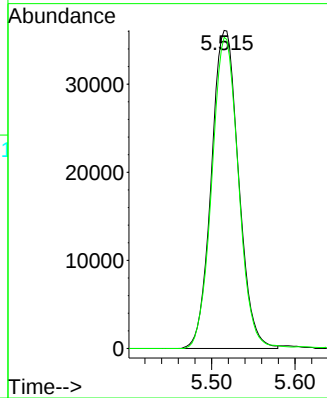
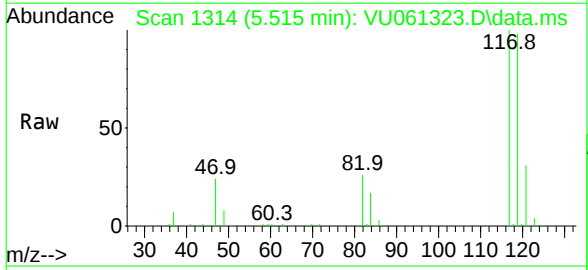




#31
Carbon tetrachloride
Concen: 4.732 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.004 min
Lab File: VU061323.D
Acq: 31 Oct 2024 19:56

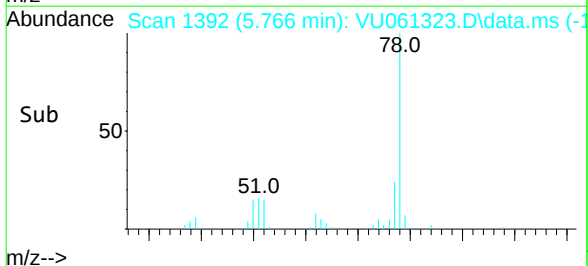
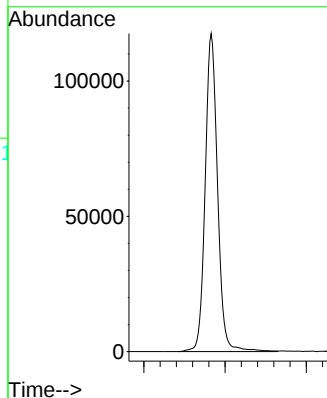
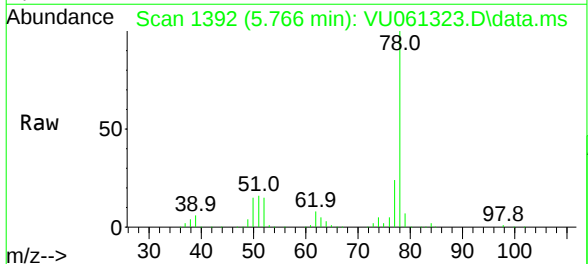
Instrument :
MSVOA_U
ClientSampleId :
GCP25MSD

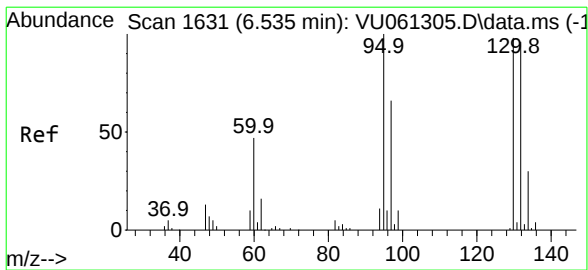
Tgt Ion:117 Resp: 81815
Ion Ratio Lower Upper
117 100
119 95.7 75.5 113.3



#33
Benzene
Concen: 4.874 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061323.D
Acq: 31 Oct 2024 19:56

Tgt Ion: 78 Resp: 248736





#34

Trichloroethene

Concen: 58.230 ug/L

RT: 6.534 min Scan# 16

Delta R.T. -0.000 min

Lab File: VU061323.D

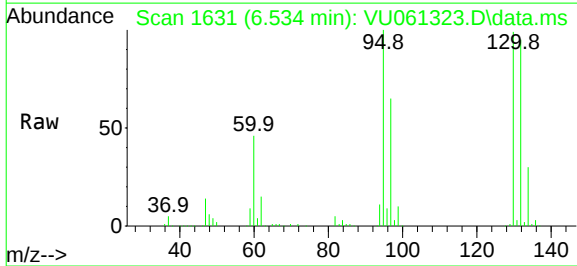
Acq: 31 Oct 2024 19:56

Instrument :

MSVOA_U

ClientSampleId :

GCP25MSD



Tgt Ion: 95 Resp: 808348

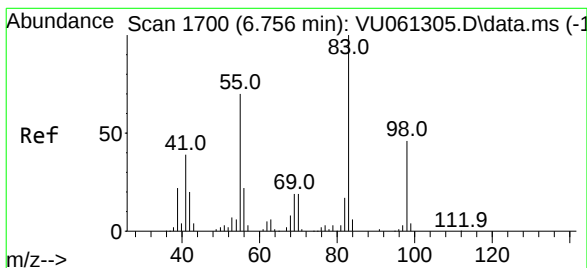
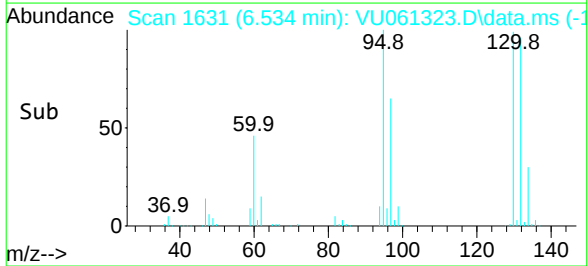
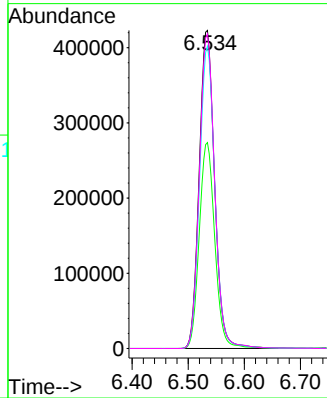
Ion Ratio Lower Upper

95 100

97 64.7 46.1 85.7

132 95.0 66.1 122.7

130 98.9 69.0 128.2



#35

Methylcyclohexane

Concen: 4.582 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.004 min

Lab File: VU061323.D

Acq: 31 Oct 2024 19:56

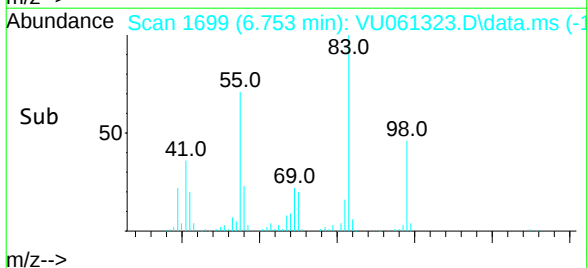
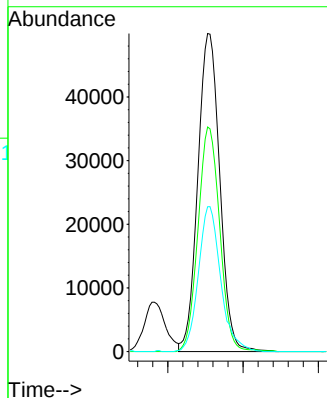
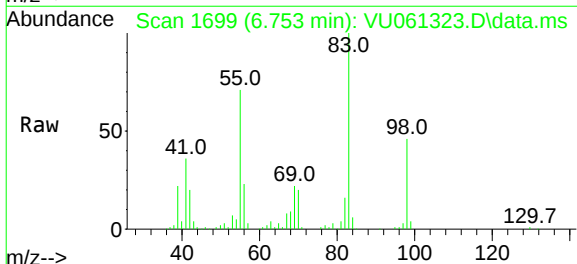
Tgt Ion: 83 Resp: 101229

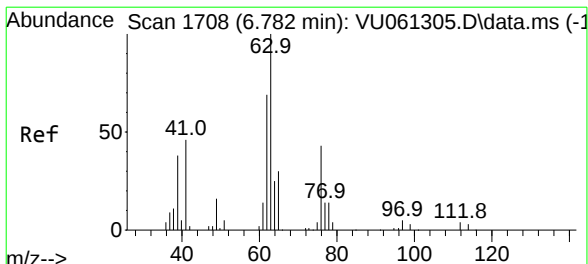
Ion Ratio Lower Upper

83 100

55 69.8 55.9 83.9

98 46.2 35.9 53.9

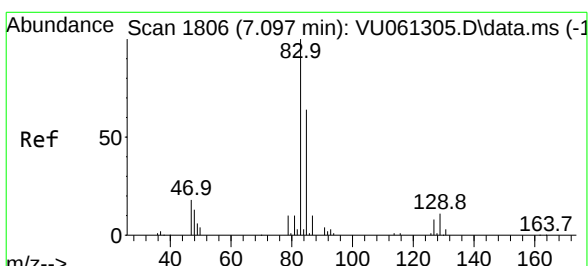
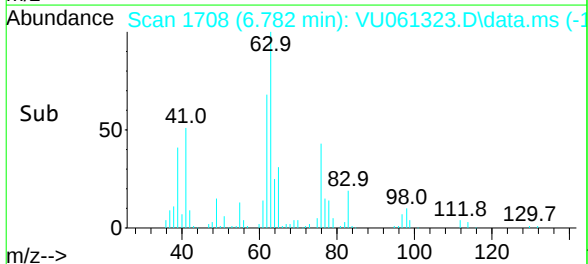
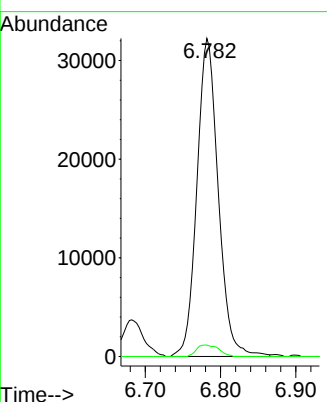
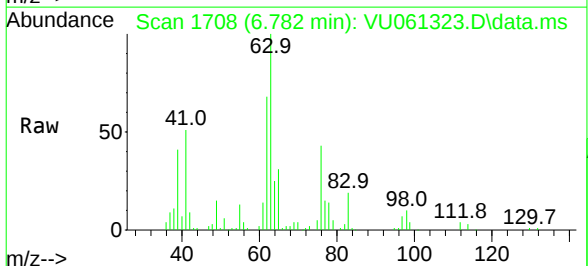




#37
 1,2-Dichloropropane
 Concen: 4.914 ug/L
 RT: 6.782 min Scan# 1708
 Delta R.T. -0.000 min
 Lab File: VU061323.D
 Acq: 31 Oct 2024 19:56

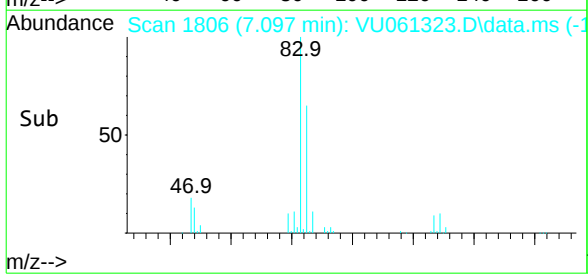
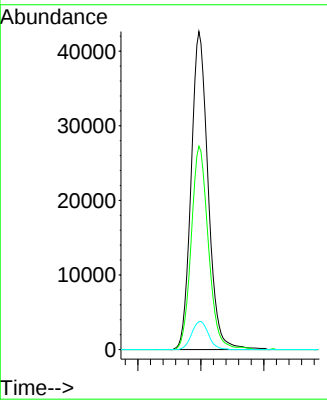
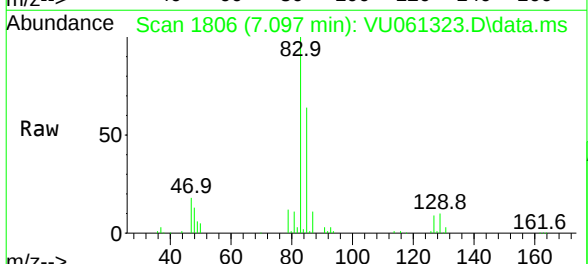
Instrument :
 MSVOA_U
 ClientSampleId :
 GCP25MSD

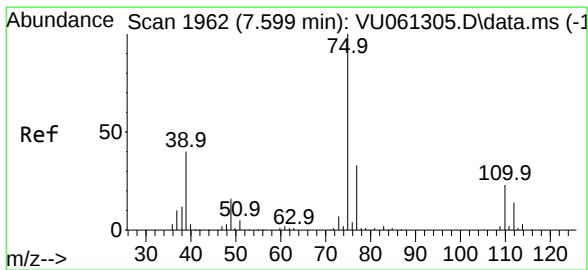
Tgt Ion:	63	Resp:	63559
Ion	Ratio	Lower	Upper
63	100		
112	3.8	3.0	4.4



#38
 Bromodichloromethane
 Concen: 4.875 ug/L
 RT: 7.097 min Scan# 1806
 Delta R.T. -0.000 min
 Lab File: VU061323.D
 Acq: 31 Oct 2024 19:56

Tgt Ion:	83	Resp:	79804
Ion	Ratio	Lower	Upper
83	100		
85	63.9	43.8	81.4
127	8.8	7.4	11.0

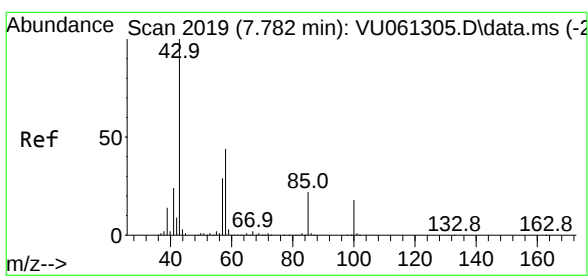
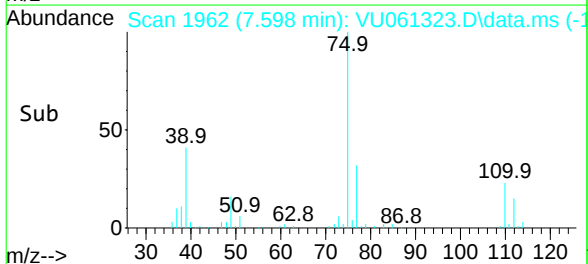
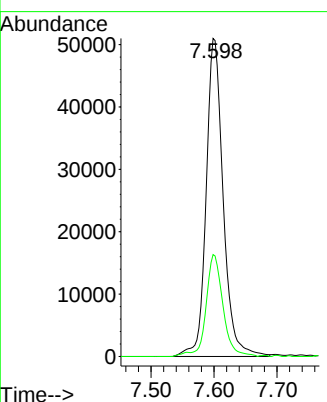
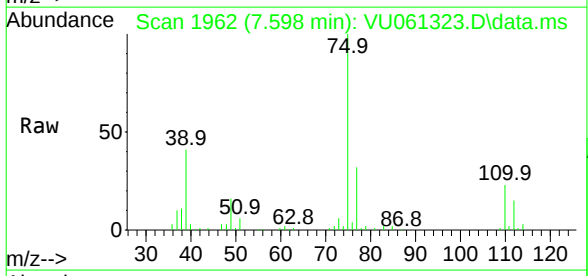




#39
 cis-1,3-Dichloropropene
 Concen: 4.803 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU061323.D
 Acq: 31 Oct 2024 19:56

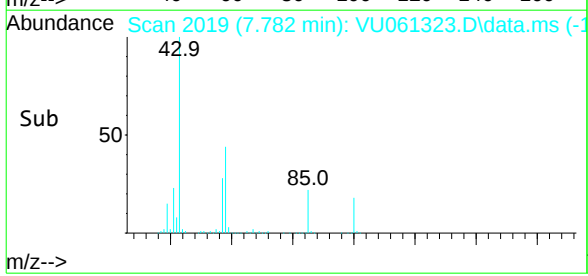
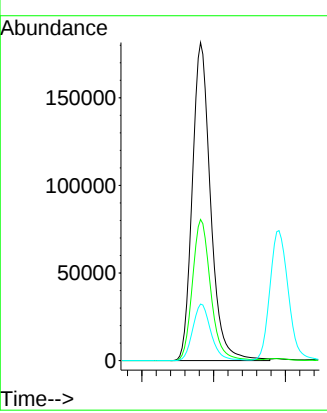
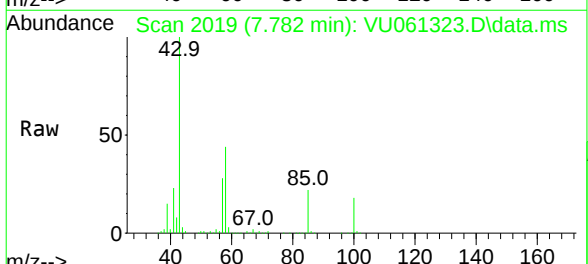
Instrument :
 MSVOA_U
 ClientSampleId :
 GCP25MSD

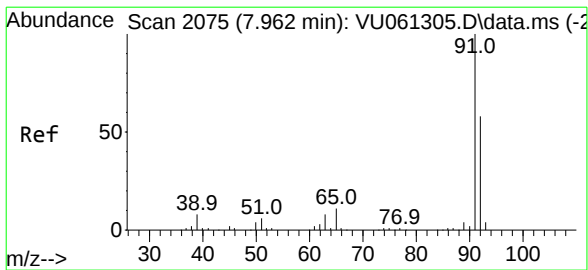
Tgt Ion:	75	Resp:	95961
Ion Ratio	Lower	Upper	
75	100		
77	32.0	22.5	41.7



#40
 4-Methyl-2-pentanone
 Concen: 49.923 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU061323.D
 Acq: 31 Oct 2024 19:56

Tgt Ion:	43	Resp:	321399
Ion Ratio	Lower	Upper	
43	100		
58	44.3	35.1	52.7
100	17.7	14.0	21.0





#42

Toluene

Concen: 4.866 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061323.D

Acq: 31 Oct 2024 19:56

Instrument :

MSVOA_U

ClientSampleId :

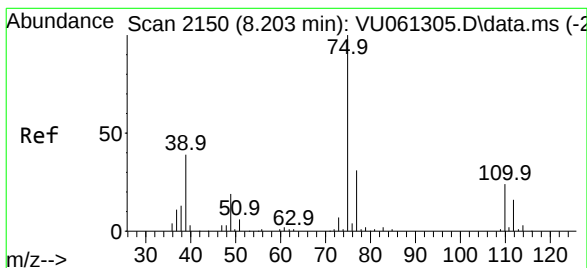
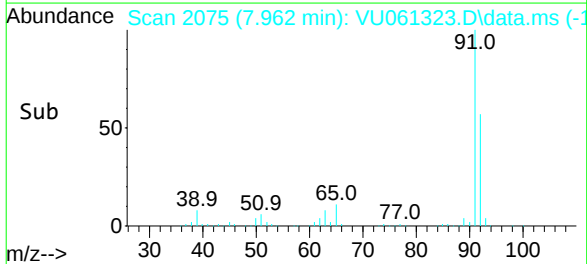
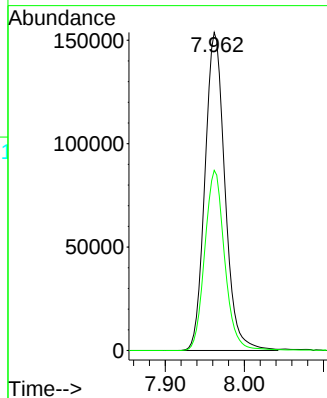
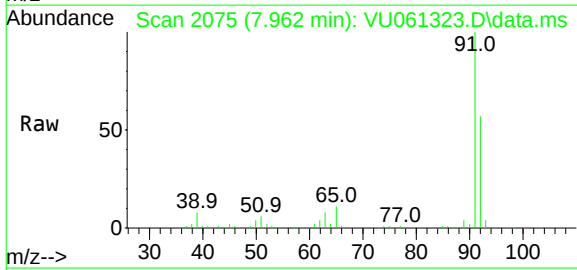
GCP25MSD

Tgt Ion: 91 Resp: 269662

Ion Ratio Lower Upper

91 100

92 56.6 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.713 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061323.D

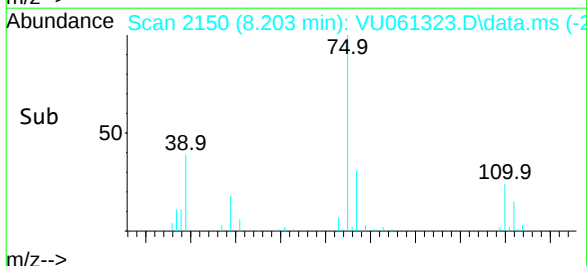
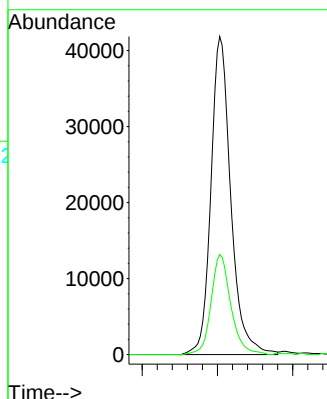
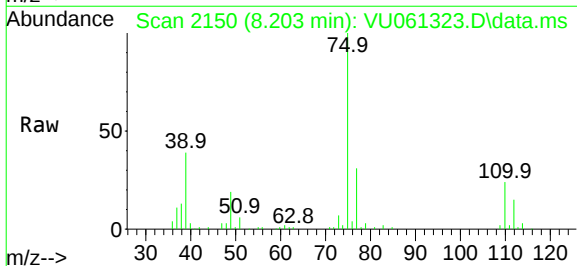
Acq: 31 Oct 2024 19:56

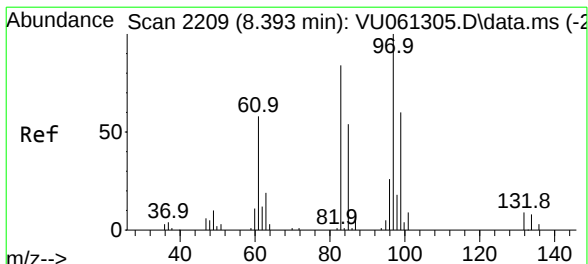
Tgt Ion: 75 Resp: 76717

Ion Ratio Lower Upper

75 100

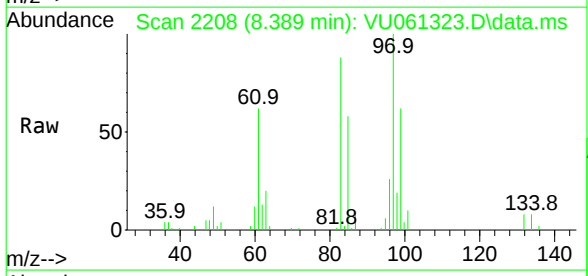
77 31.5 22.0 40.8





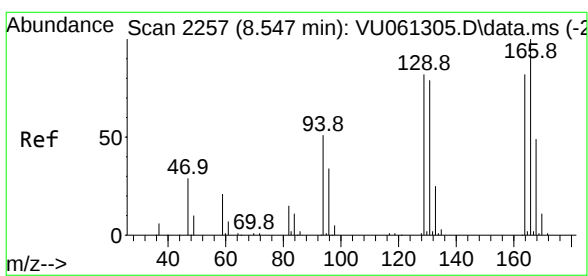
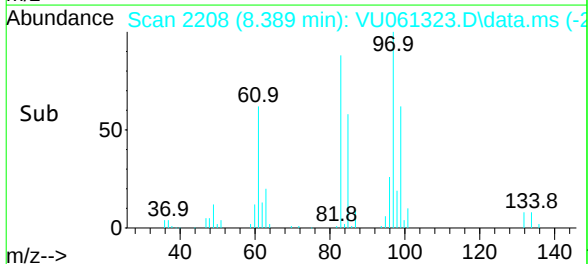
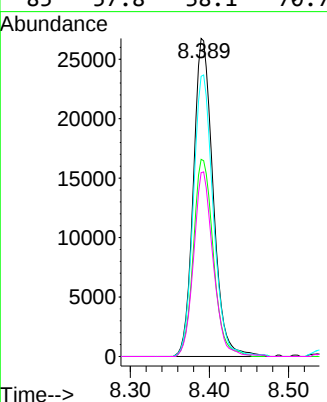
#45
 1,1,2-Trichloroethane
 Concen: 4.968 ug/L
 RT: 8.389 min Scan# 2209
 Delta R.T. -0.004 min
 Lab File: VU061323.D
 Acq: 31 Oct 2024 19:56

Instrument :
 MSVOA_U
 ClientSampleId :
 GCP25MSD



Tgt Ion: 97 Resp: 46245

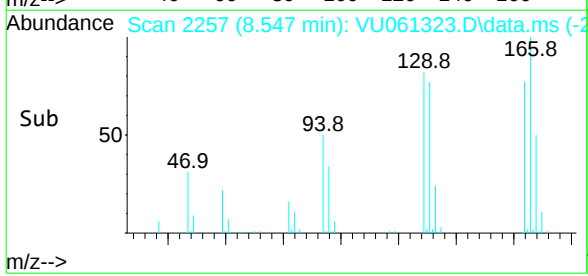
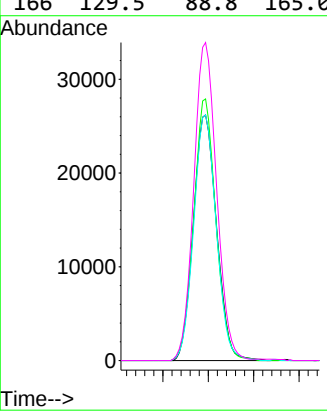
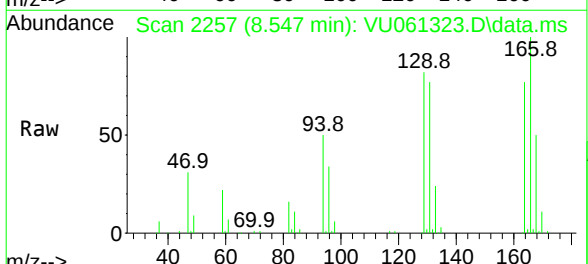
Ion	Ratio	Lower	Upper
97	100		
99	62.0	44.1	81.9
83	88.1	61.2	113.6
85	57.8	38.1	70.7

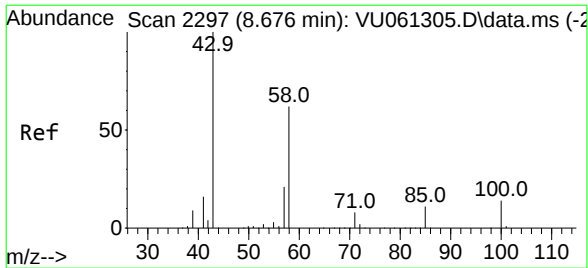


#47
 Tetrachloroethene
 Concen: 4.805 ug/L
 RT: 8.547 min Scan# 2257
 Delta R.T. -0.000 min
 Lab File: VU061323.D
 Acq: 31 Oct 2024 19:56

Tgt Ion: 164 Resp: 46587

Ion	Ratio	Lower	Upper
164	100		
129	106.5	69.9	129.7
131	100.1	68.3	126.8
166	129.5	88.8	165.0

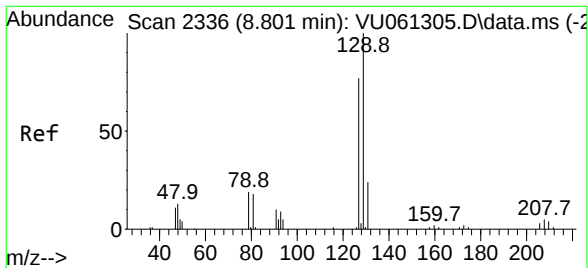
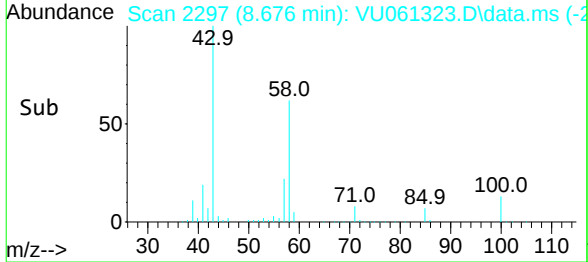
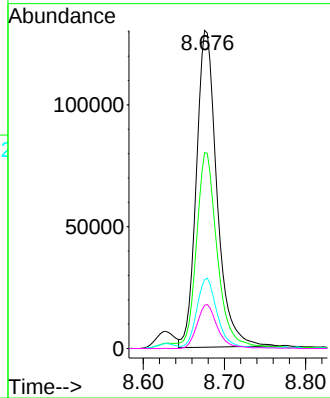
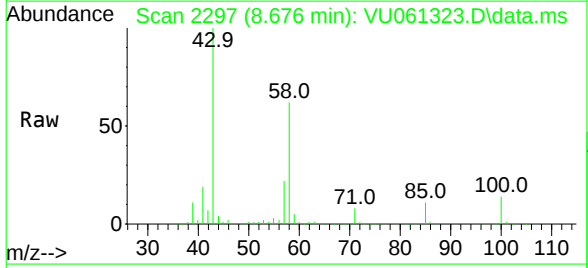




#48
2-Hexanone
Concen: 50.350 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU061323.D
Acq: 31 Oct 2024 19:56

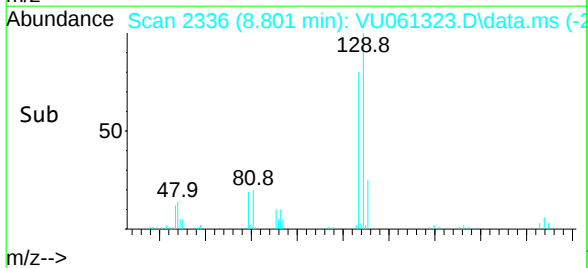
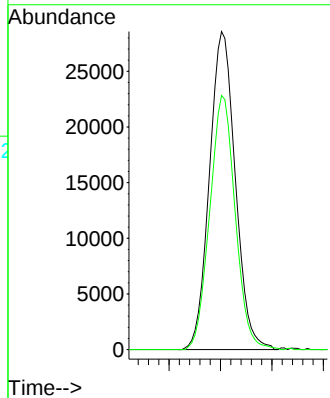
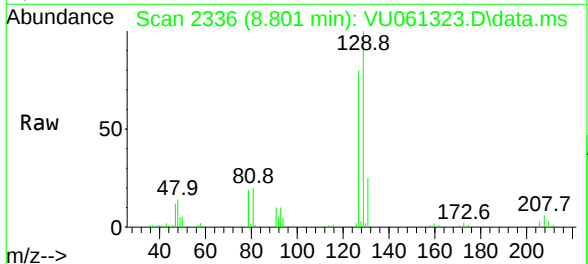
Instrument :
MSVOA_U
ClientSampleId :
GCP25MSD

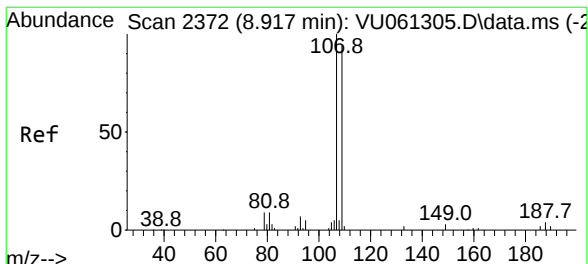
Tgt Ion:	43	Resp:	229216
Ion	Ratio	Lower	Upper
43	100		
58	61.4	48.6	72.8
57	21.7	17.0	25.6
100	13.7	10.4	15.6



#49
Dibromochloromethane
Concen: 4.731 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061323.D
Acq: 31 Oct 2024 19:56

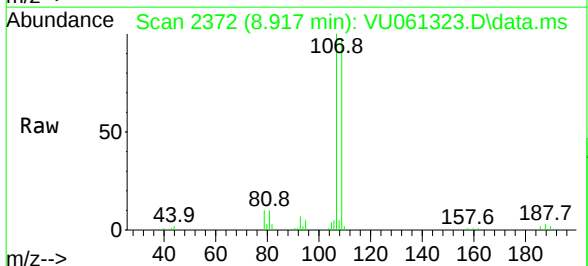
Tgt Ion:	129	Resp:	49950
Ion	Ratio	Lower	Upper
129	100		
127	79.9	51.8	96.2





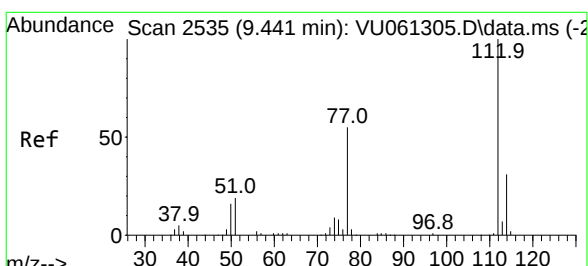
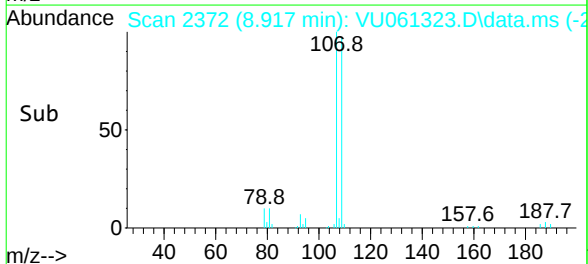
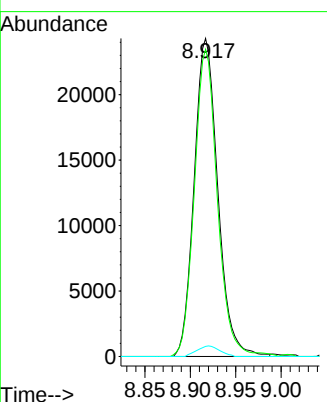
#50
 1,2-Dibromoethane
 Concen: 4.867 ug/L
 RT: 8.917 min Scan# 2372
 Delta R.T. -0.000 min
 Lab File: VU061323.D
 Acq: 31 Oct 2024 19:56

Instrument :
 MSVOA_U
 ClientSampleId :
 GCP25MSD



Tgt Ion: 107 Resp: 44015

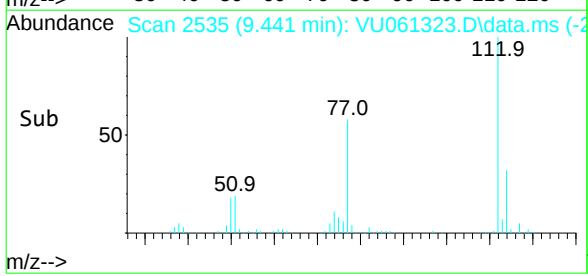
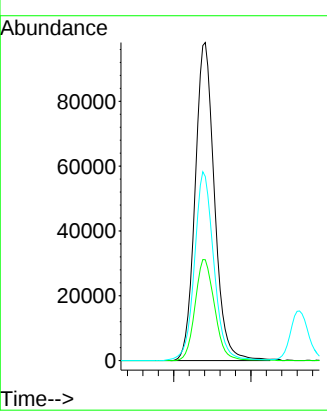
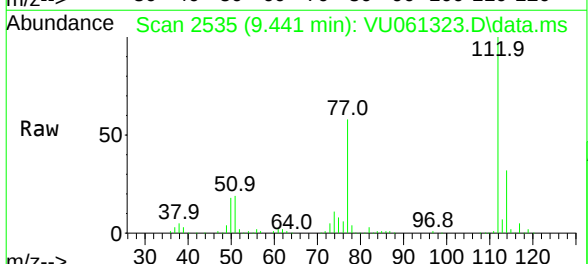
Ion	Ratio	Lower	Upper
107	100		
109	96.6	63.4	117.8
188	3.2	2.6	3.8

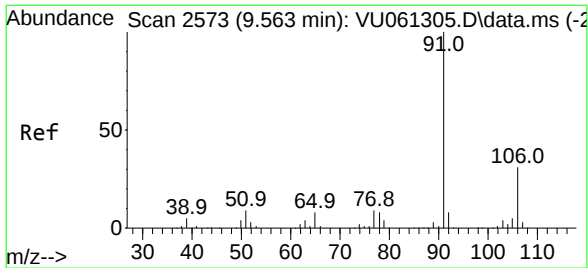


#51
 Chlorobenzene
 Concen: 4.879 ug/L
 RT: 9.441 min Scan# 2535
 Delta R.T. -0.000 min
 Lab File: VU061323.D
 Acq: 31 Oct 2024 19:56

Tgt Ion: 112 Resp: 170907

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.9	42.5
77	57.9	47.1	70.7

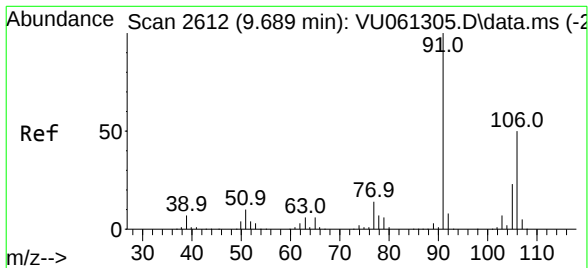
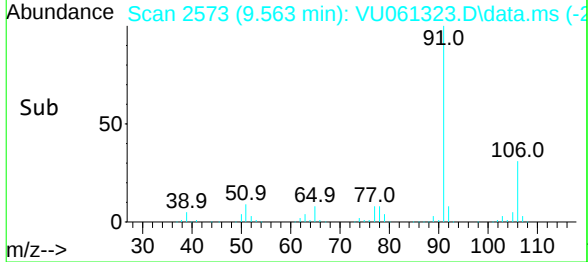
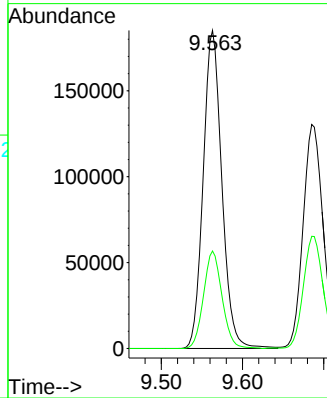
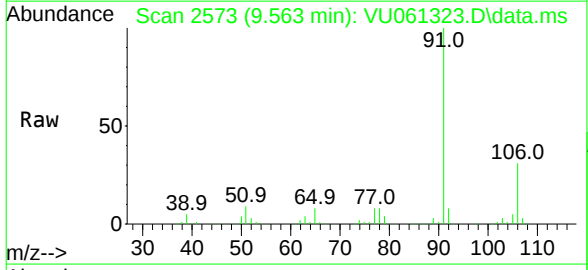




#52
Ethylbenzene
Concen: 4.845 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061323.D
Acq: 31 Oct 2024 19:56

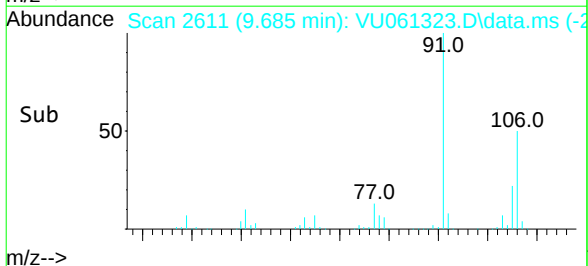
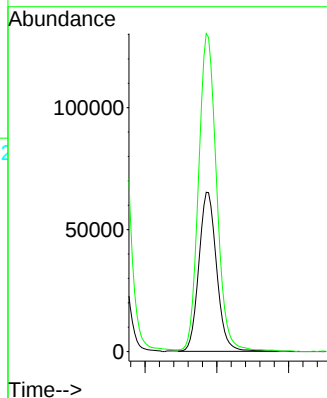
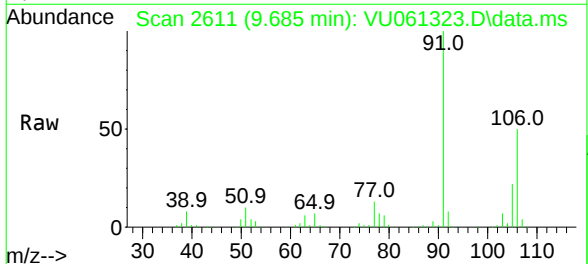
Instrument :
MSVOA_U
ClientSampleId :
GCP25MSD

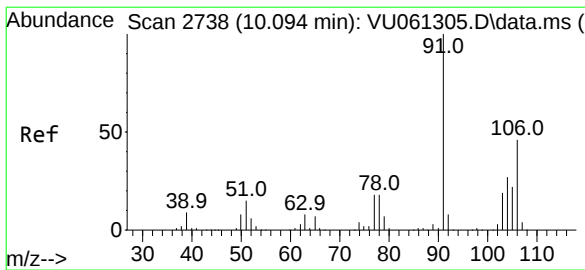
Tgt Ion: 91 Resp: 295361
Ion Ratio Lower Upper
91 100
106 30.7 22.0 41.0



#53
m,p-Xylene
Concen: 4.811 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.004 min
Lab File: VU061323.D
Acq: 31 Oct 2024 19:56

Tgt Ion: 106 Resp: 111734
Ion Ratio Lower Upper
106 100
91 199.6 145.7 270.7





#54

o-Xylene

Concen: 4.752 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU061323.D

Acq: 31 Oct 2024 19:56

Instrument :

MSVOA_U

ClientSampleId :

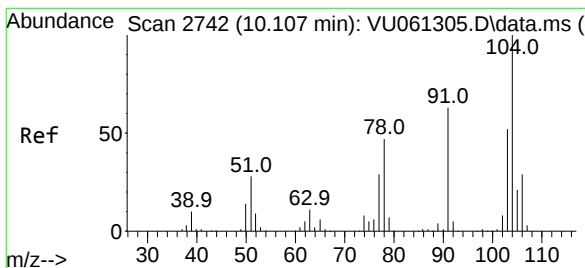
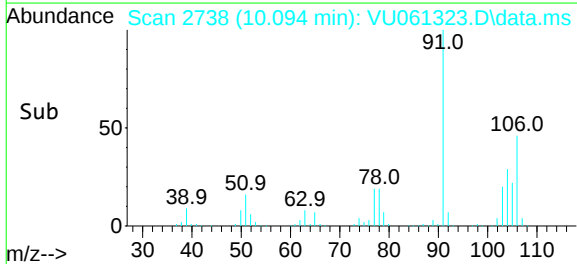
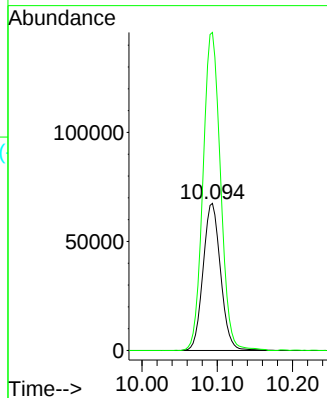
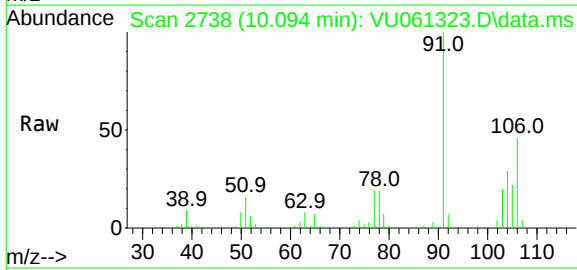
GCP25MSD

Tgt Ion:106 Resp: 108921

Ion Ratio Lower Upper

106 100

91 216.2 148.8 276.4



#55

Styrene

Concen: 4.827 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU061323.D

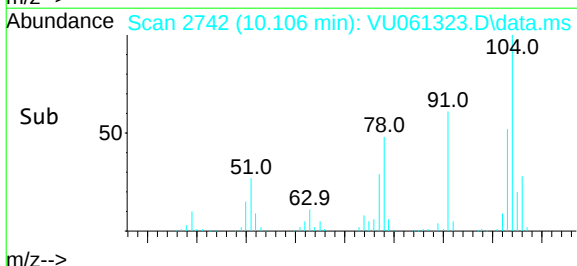
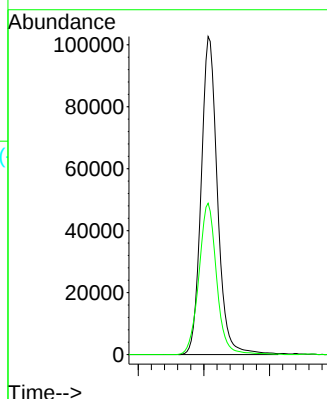
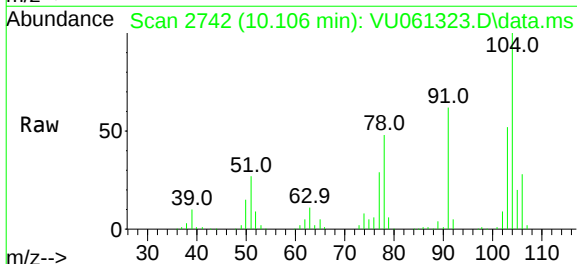
Acq: 31 Oct 2024 19:56

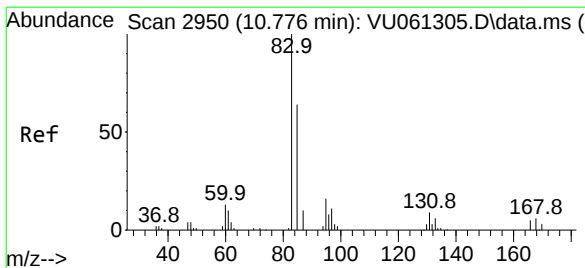
Tgt Ion:104 Resp: 177370

Ion Ratio Lower Upper

104 100

78 47.6 32.3 59.9

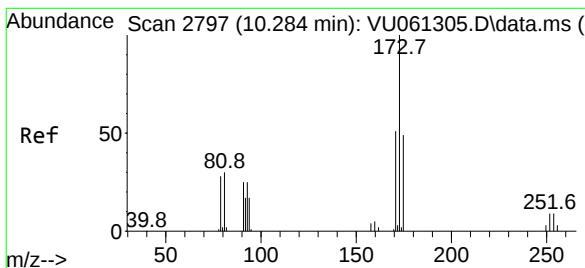
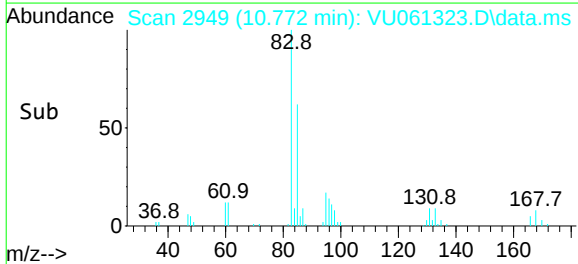
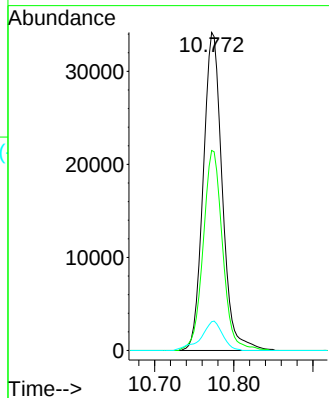
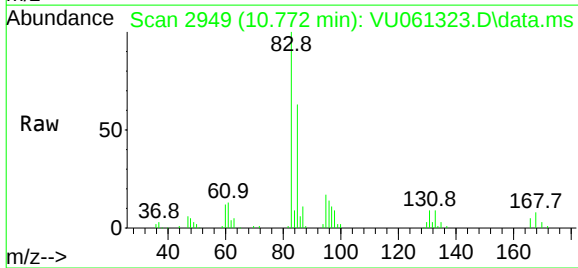




#57
1,1,2,2-Tetrachloroethane
Concen: 5.083 ug/L
RT: 10.772 min Scan# 2950
Delta R.T. -0.004 min
Lab File: VU061323.D
Acq: 31 Oct 2024 19:56

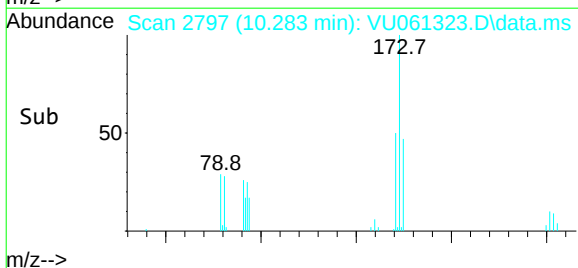
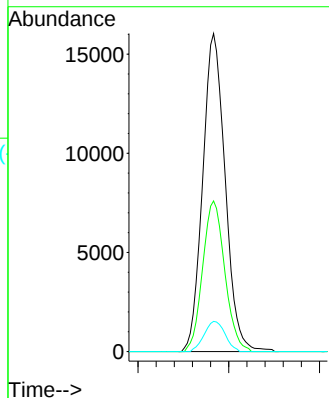
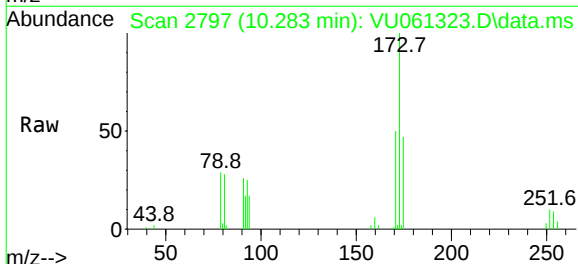
Instrument :
MSVOA_U
ClientSampleId :
GCP25MSD

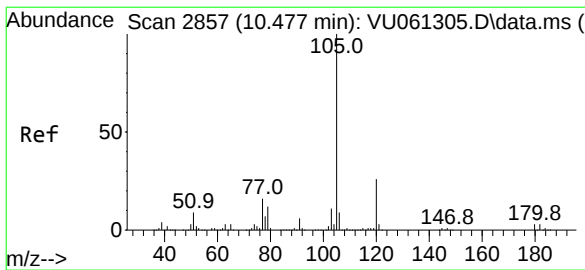
Tgt Ion:	83	Resp:	57016
Ion Ratio	Lower	Upper	
83	100		
85	62.9	45.3	84.1
131	9.0	7.6	11.4



#59
Bromoform
Concen: 4.741 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU061323.D
Acq: 31 Oct 2024 19:56

Tgt Ion:	173	Resp:	27587
Ion Ratio	Lower	Upper	
173	100		
175	46.6	39.0	58.4
254	8.8	6.8	10.2





#60

Isopropylbenzene

Concen: 4.843 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061323.D

Acq: 31 Oct 2024 19:56

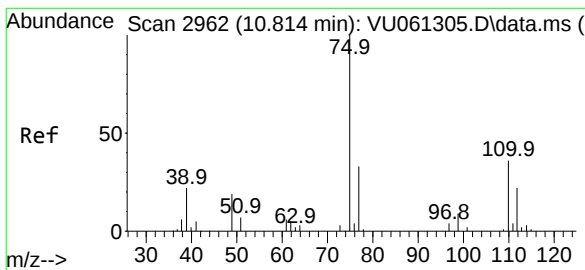
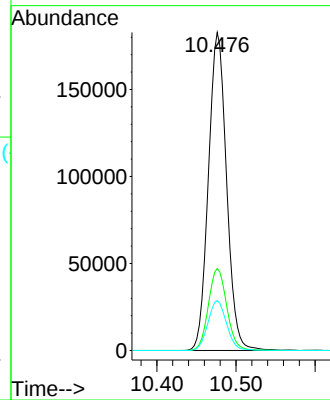
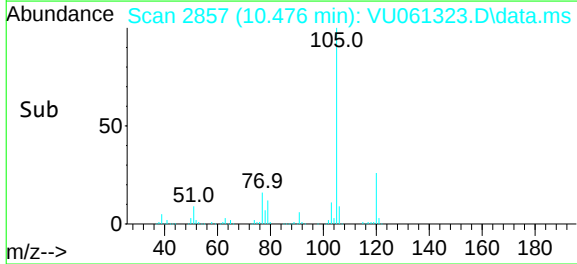
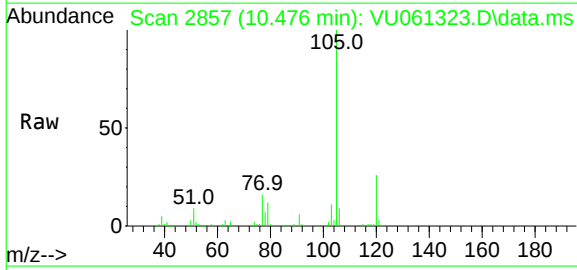
Instrument :

MSVOA_U

ClientSampleId :

GCP25MSD

Tgt Ion:	105	Resp:	290802
Ion Ratio	Lower	Upper	
105	100		
120	26.1	21.2	31.8
77	16.1	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 4.979 ug/L

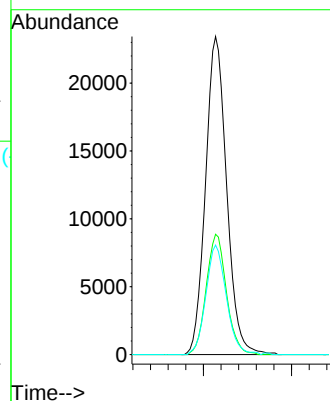
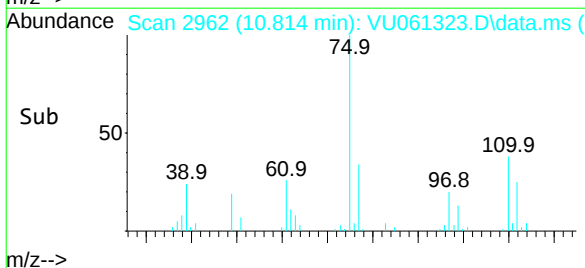
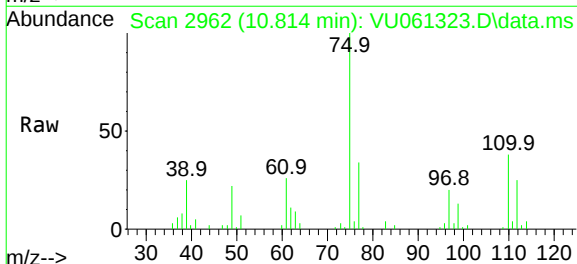
RT: 10.814 min Scan# 2962

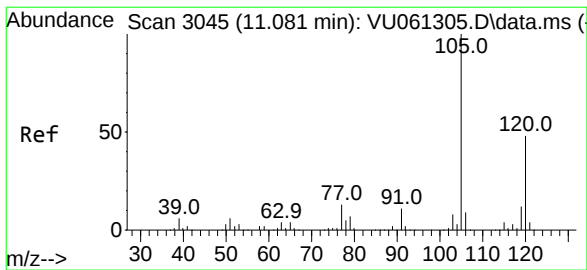
Delta R.T. -0.000 min

Lab File: VU061323.D

Acq: 31 Oct 2024 19:56

Tgt Ion:	75	Resp:	38989
Ion Ratio	Lower	Upper	
75	100		
110	36.2	28.8	43.2
77	33.4	25.7	38.5





#62

1,3,5-Trimethylbenzene

Concen: 4.758 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061323.D

Acq: 31 Oct 2024 19:56

Instrument :

MSVOA_U

ClientSampleId :

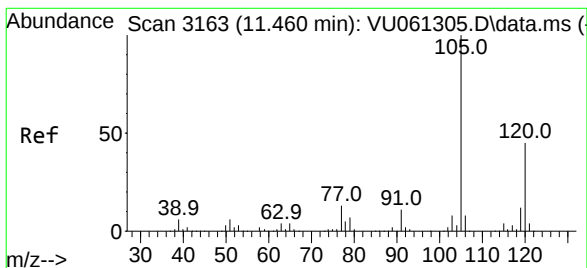
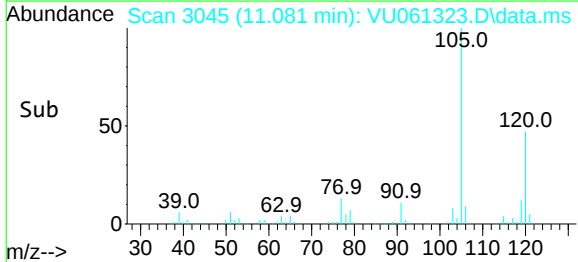
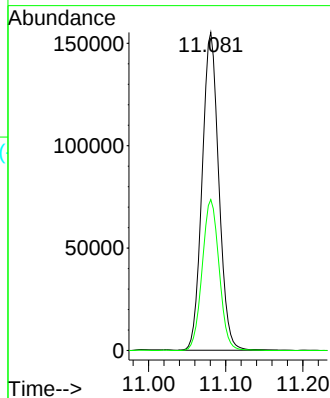
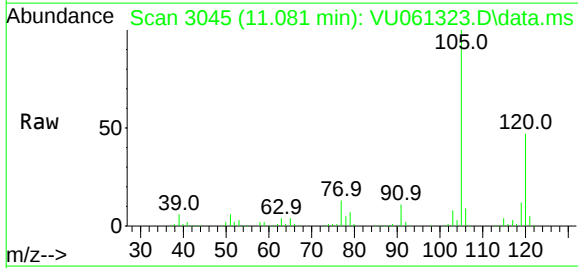
GCP25MSD

Tgt Ion:105 Resp: 232574

Ion Ratio Lower Upper

105 100

120 48.4 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.731 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061323.D

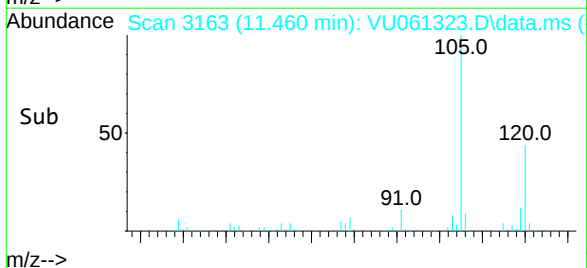
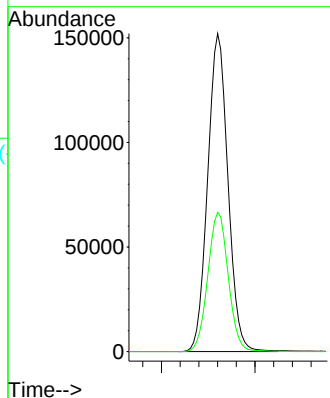
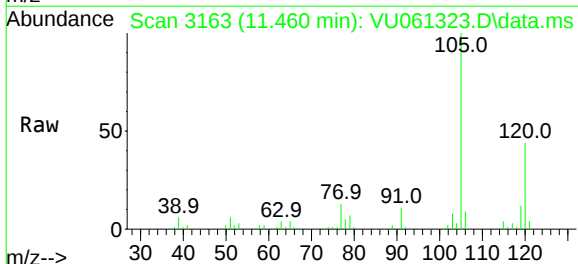
Acq: 31 Oct 2024 19:56

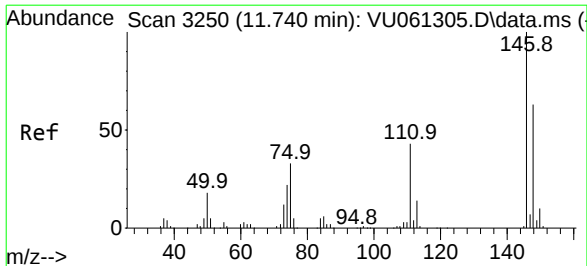
Tgt Ion:105 Resp: 228604

Ion Ratio Lower Upper

105 100

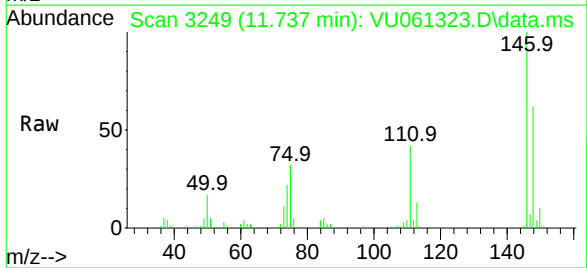
120 44.3 35.4 53.0



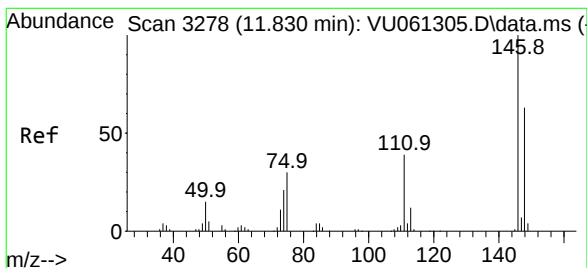
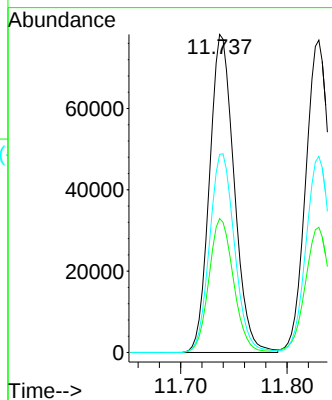
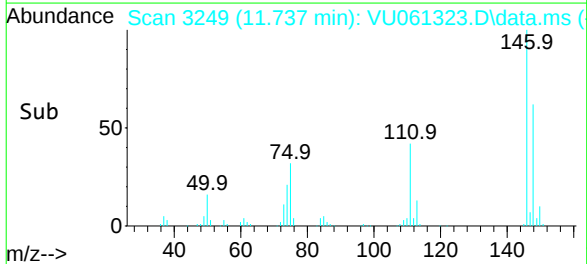


#64
1,3-Dichlorobenzene
Concen: 4.982 ug/L
RT: 11.737 min Scan# 3250
Delta R.T. -0.004 min
Lab File: VU061323.D
Acq: 31 Oct 2024 19:56

Instrument :
MSVOA_U
ClientSampleId :
GCP25MSD

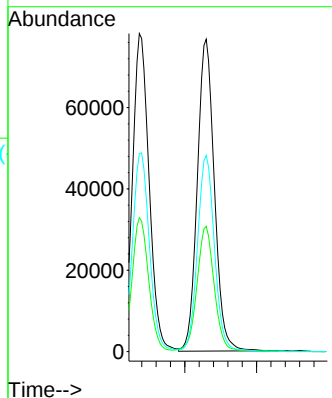
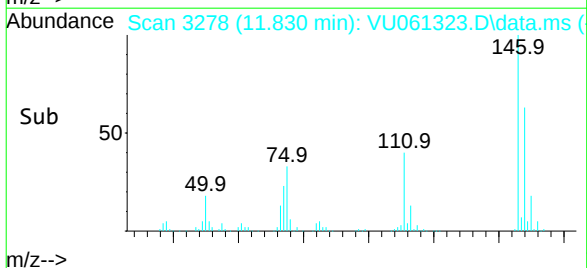
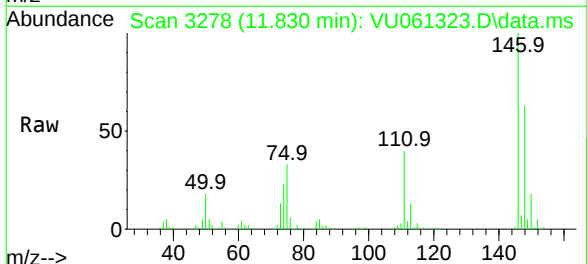


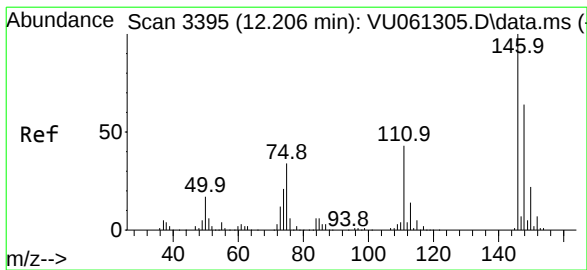
Tgt Ion:146 Resp: 125918
Ion Ratio Lower Upper
146 100
111 42.1 30.0 55.8
148 62.3 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.923 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU061323.D
Acq: 31 Oct 2024 19:56

Tgt Ion:146 Resp: 126834
Ion Ratio Lower Upper
146 100
111 40.1 28.2 52.4
148 62.8 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 4.997 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU061323.D

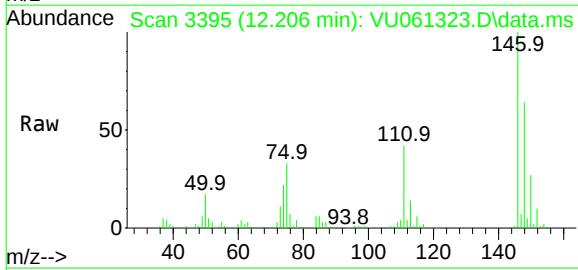
Acq: 31 Oct 2024 19:56

Instrument :

MSVOA_U

ClientSampleId :

GCP25MSD



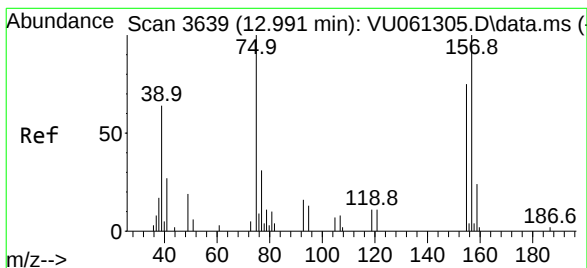
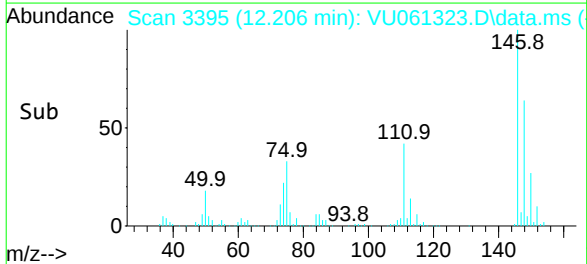
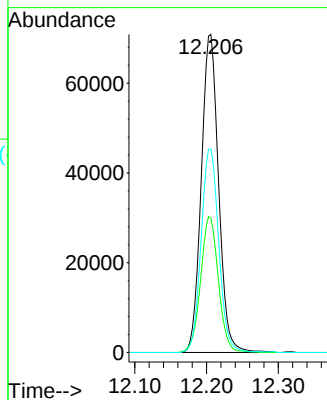
Tgt Ion:146 Resp: 118871

Ion Ratio Lower Upper

146 100

111 42.2 35.2 52.8

148 64.0 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.737 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU061323.D

Acq: 31 Oct 2024 19:56

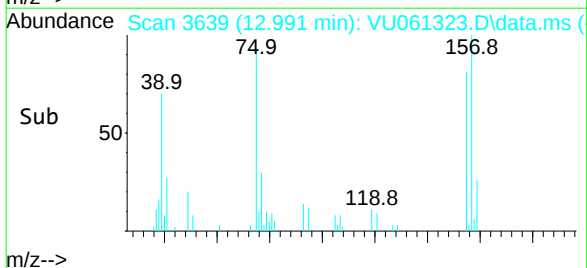
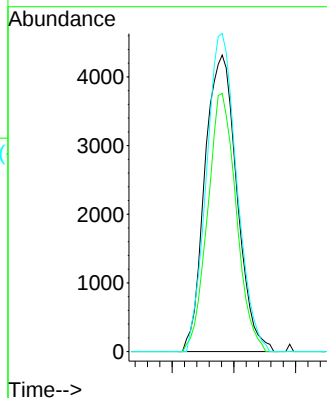
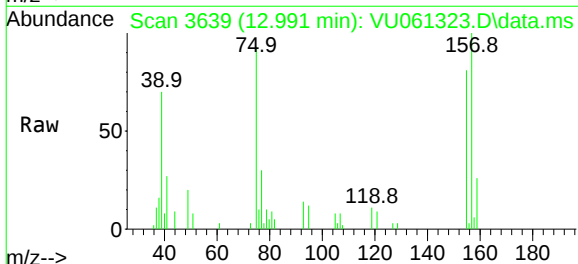
Tgt Ion: 75 Resp: 7789

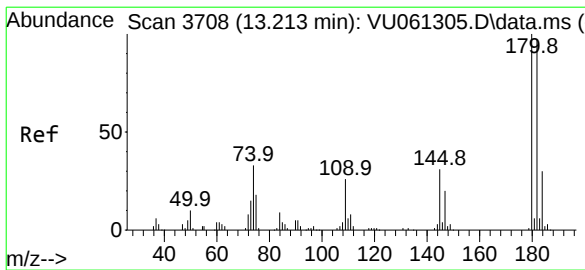
Ion Ratio Lower Upper

75 100

155 87.1 69.3 103.9

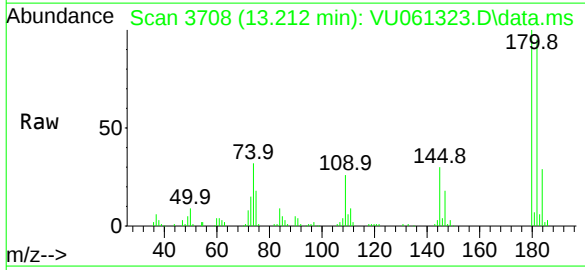
157 107.3 81.4 122.2



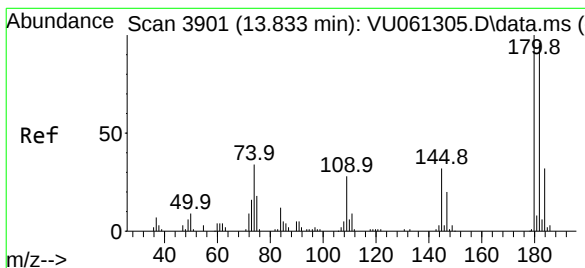
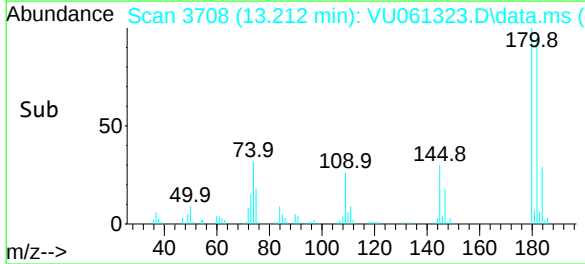
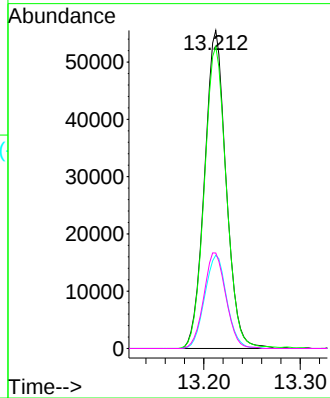


1,3,5-Trichlorobenzene
Concen: 4.983 ug/L
RT: 13.212 min Scan# 3708
Delta R.T. -0.000 min
Lab File: VU061323.D
Acq: 31 Oct 2024 19:56

Instrument :
MSVOA_U
ClientSampleId :
GCP25MSD

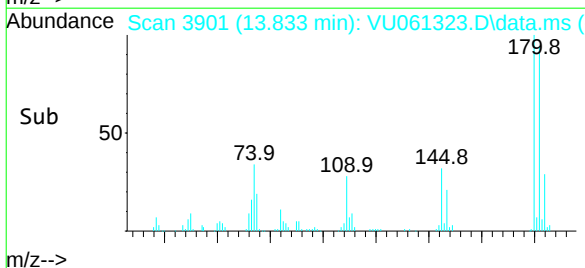
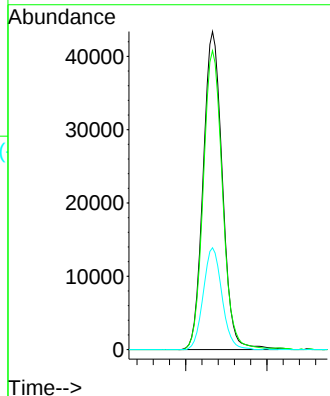
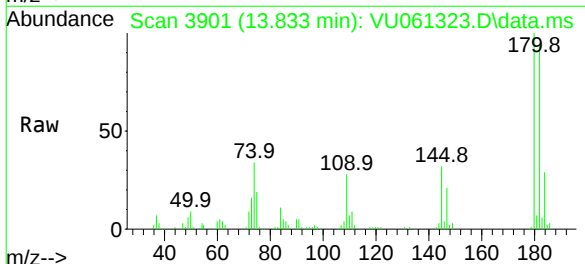


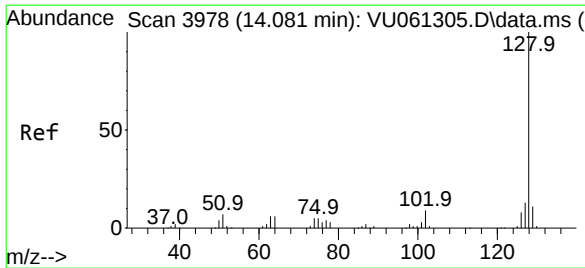
Tgt Ion:	180	Resp:	86317
Ion Ratio	Lower	Upper	
180	100		
182	97.0	77.4	116.2
184	29.9	24.4	36.6
145	30.8	25.2	37.8



1,2,4-trichlorobenzene
Concen: 5.084 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU061323.D
Acq: 31 Oct 2024 19:56

Tgt Ion:	180	Resp:	71080
Ion Ratio	Lower	Upper	
180	100		
182	94.1	77.2	115.8
145	31.2	25.6	38.4





#71

Naphthalene

Concen: 5.121 ug/L

RT: 14.081 min Scan# 39

Delta R.T. -0.000 min

Lab File: VU061323.D

Acq: 31 Oct 2024 19:56

Instrument :

MSVOA_U

ClientSampleId :

GCP25MSD

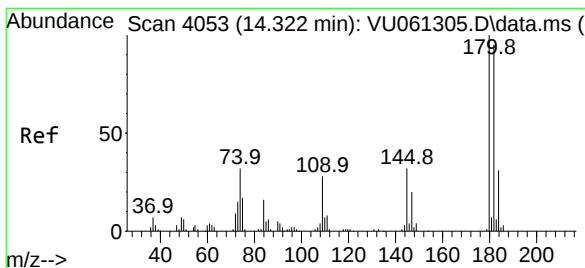
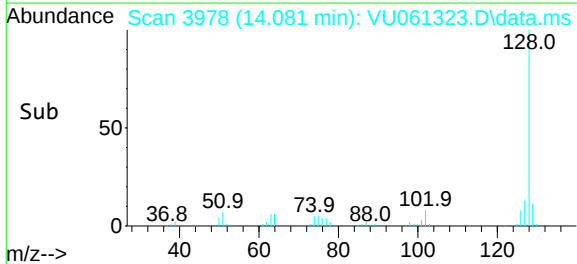
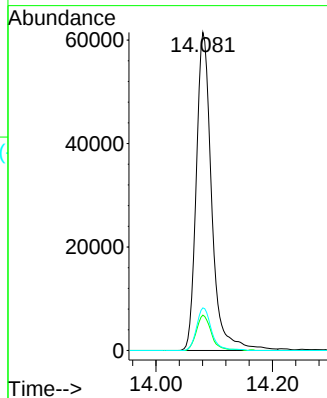
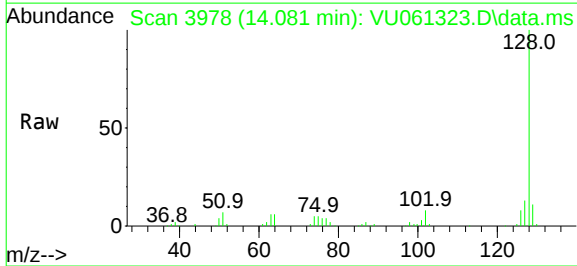
Tgt Ion:128 Resp: 112973

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

127 13.0 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 5.189 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU061323.D

Acq: 31 Oct 2024 19:56

Tgt Ion:180 Resp: 60691

Ion Ratio Lower Upper

180 100

182 94.8 76.0 114.0

145 32.7 26.5 39.7

