

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111724\
 Data File : VU061800.D
 Acq On : 17 Nov 2024 21:41
 Operator : MD/SY
 Sample : P4829-04MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E29S4MSD

Quant Time: Nov 18 00:10:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 00:04:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	172651	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	167486	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	81398	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38939	3.491	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.800%
7) Chloroethane-d5	1.907	69	39560	4.154	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.560	65	19260	3.848	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	4.615	46	121381	51.265	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.540%
24) Chloroform-d	5.052	84	105701	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.692	65	51781	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.718	84	206612	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.679	67	63699	4.661	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.891	98	191268	4.429	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.171	79	21445	4.260	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.624	63	112176	56.394	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	54740	5.081	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	66662	4.598	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.383	85	40888	3.186	ug/L	99
3) Chloromethane	1.518	50	42071	3.614	ug/L	99
5) Vinyl chloride	1.602	62	48667	3.788	ug/L #	71
6) Bromomethane	1.849	94	35841	4.676	ug/L	98
8) Chloroethane	1.927	64	34101	3.827	ug/L	93
9) Trichlorofluoromethane	2.132	101	73455	3.889	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	45823	4.104	ug/L	98
12) 1,1-Dichloroethene	2.573	96	41750	4.006	ug/L	99
13) Acetone	2.624	43	66303	44.447	ug/L	98
14) Carbon disulfide	2.785	76	105180	3.142	ug/L	99
15) Methyl Acetate	2.946	43	14899	3.998	ug/L	99
16) Methylene chloride	3.036	84	53035	4.415	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	119387	4.674	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	46794	4.093	ug/L	99
19) 1,1-Dichloroethane	3.859	63	94447	4.531	ug/L	98
21) 2-Butanone	4.695	43	117535	48.244	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	69258	5.372	ug/L	99
23) Bromochloromethane	4.965	128	26684	4.660	ug/L	98
25) Chloroform	5.078	83	107731	4.904	ug/L	100

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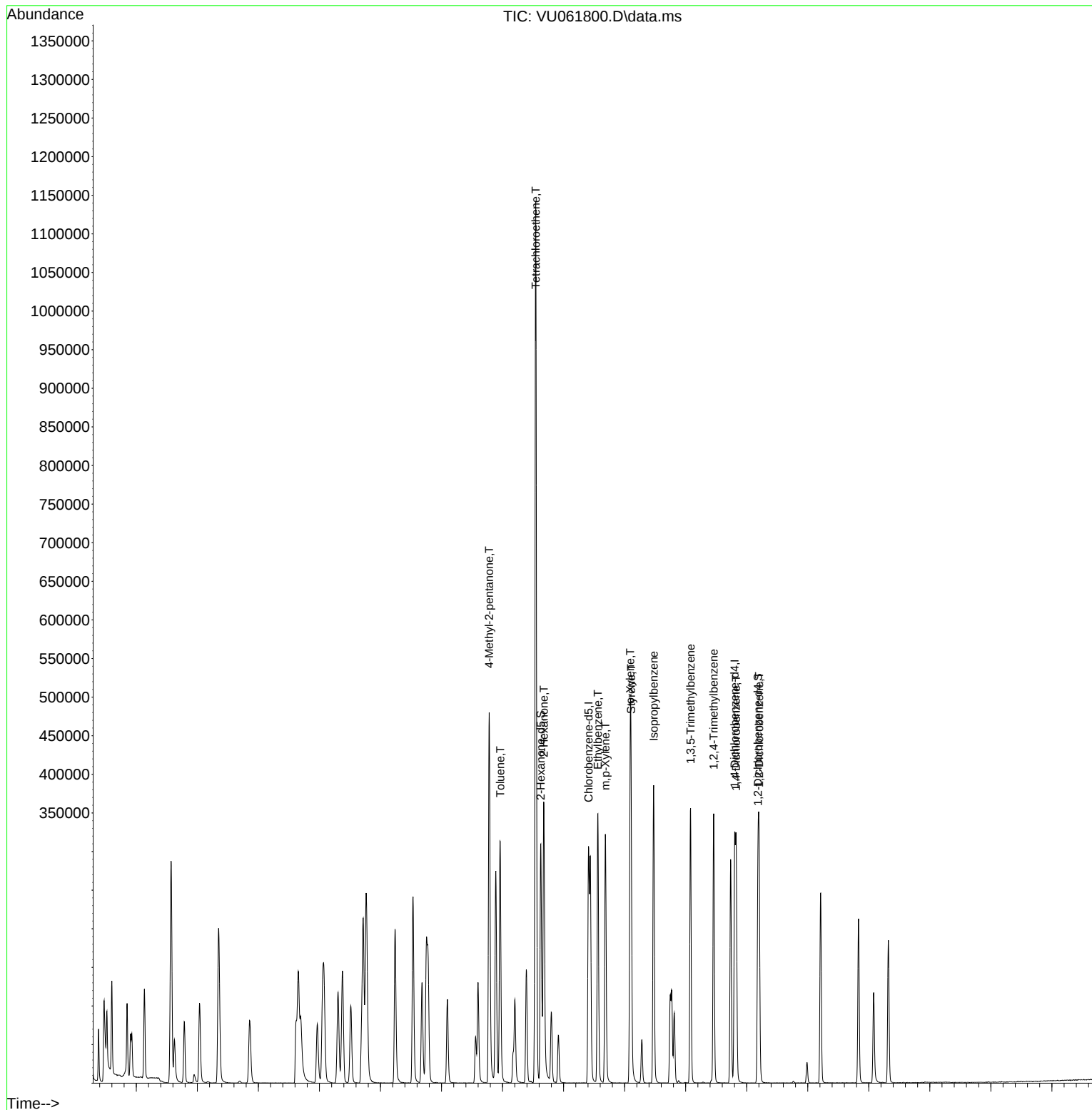
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	64787	4.700	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	85316	4.476	ug/L	100
30) Cyclohexane	5.377	56	69837	3.668	ug/L	97
31) Carbon tetrachloride	5.515	117	69527	4.283	ug/L	100
33) Benzene	5.766	78	224342	4.426	ug/L	100
34) Trichloroethene	6.534	95	84260	6.156	ug/L	99
35) Methylcyclohexane	6.753	83	74824	3.625	ug/L	97
37) 1,2-Dichloropropane	6.779	63	59708	4.643	ug/L	99
38) Bromodichloromethane	7.097	83	72779	4.717	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	80782	4.414	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	303852	49.279	ug/L	99
42) Toluene	7.962	91	240241	4.402	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	63861	4.399	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	46638	4.975	ug/L	98
47) Tetrachloroethene	8.544	164	242497	23.578	ug/L	99
48) 2-Hexanone	8.676	43	225300	51.103	ug/L	99
49) Dibromochloromethane	8.798	129	46590	4.740	ug/L	97
50) 1,2-Dibromoethane	8.914	107	42884	4.850	ug/L	98
51) Chlorobenzene	9.438	112	159035	4.527	ug/L	99
52) Ethylbenzene	9.563	91	257308	4.426	ug/L	99
53) m,p-Xylene	9.685	106	97454	4.381	ug/L	96
54) o-Xylene	10.090	106	97626	4.515	ug/L	95
55) Styrene	10.106	104	157736	4.582	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	56661	4.967	ug/L	91
59) Bromoform	10.280	173	24733	4.591	ug/L	97
60) Isopropylbenzene	10.476	105	258585	4.581	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	39275	5.122	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	196017	4.337	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	198777	4.518	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	120789	4.666	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	122560	4.662	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	114888	4.772	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7045	5.262	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	78975	4.369	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	64885	4.632	ug/L	99
71) Naphthalene	14.081	128	104708	5.206	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	59542	5.063	ug/L	99

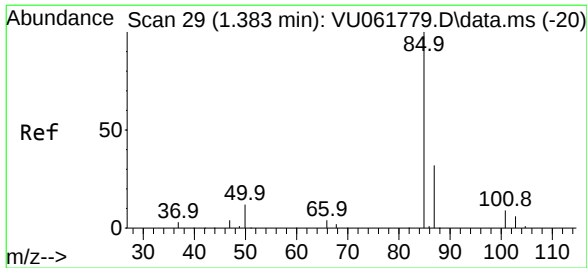
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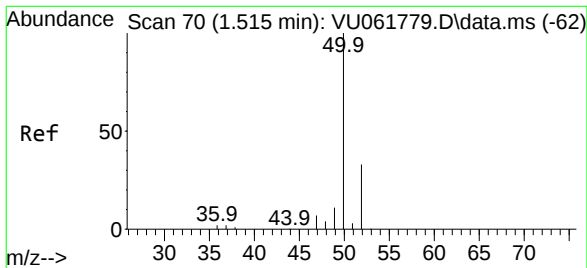
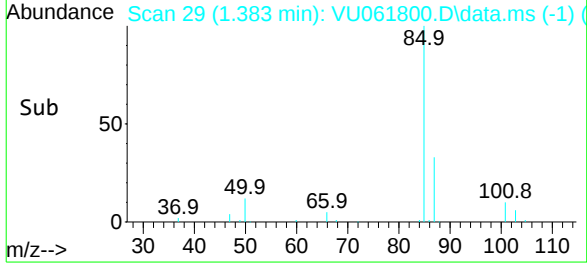
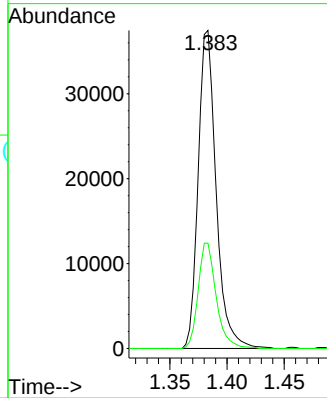
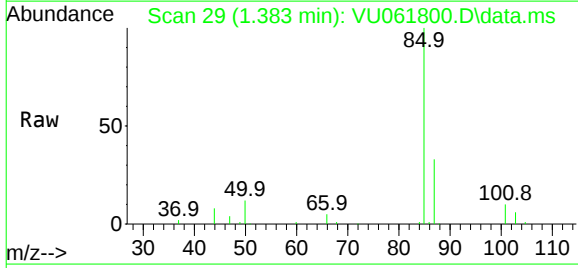




#2
Dichlorodifluoromethane
Concen: 3.186 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

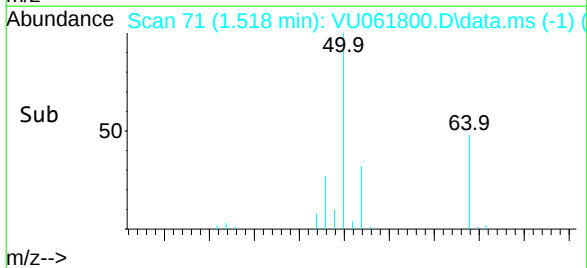
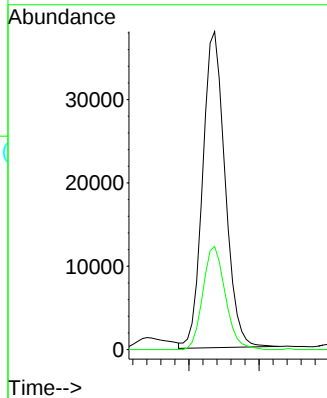
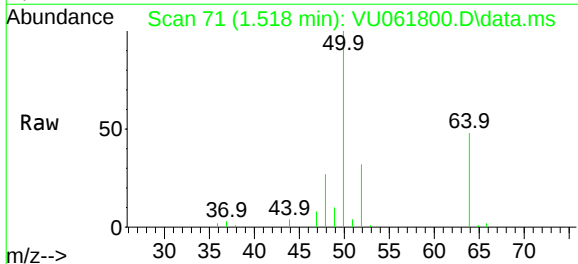
Instrument :
MSVOA_U
ClientSampleId :
E29S4MSD

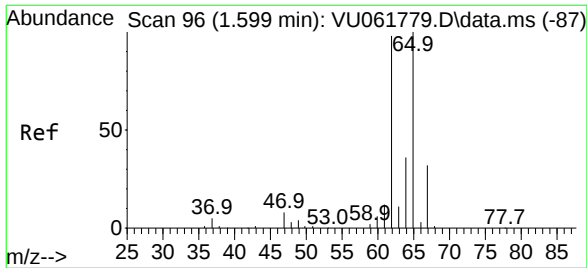
Tgt Ion: 85 Resp: 40888
Ion Ratio Lower Upper
85 100
87 33.3 26.0 39.0



#3
Chloromethane
Concen: 3.614 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion: 50 Resp: 42071
Ion Ratio Lower Upper
50 100
52 32.4 23.2 43.2

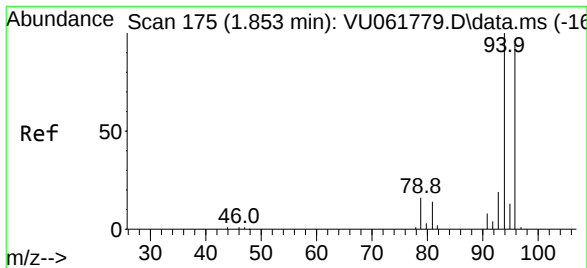
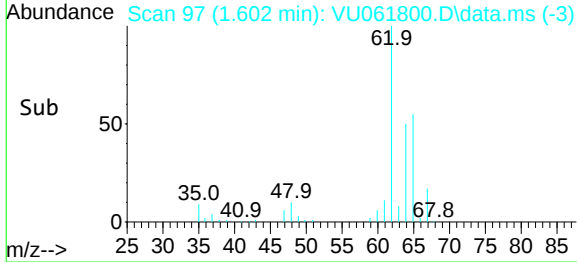
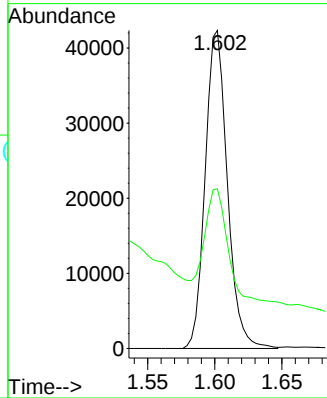
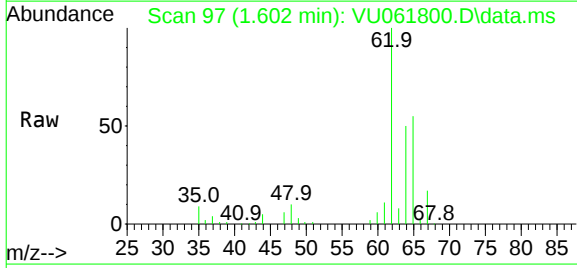




#5
 Vinyl chloride
 Concen: 3.788 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. 0.003 min
 Lab File: VU061800.D
 Acq: 17 Nov 2024 21:41

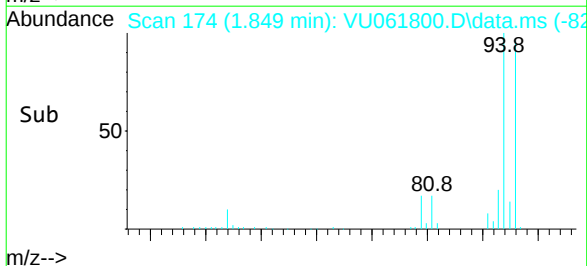
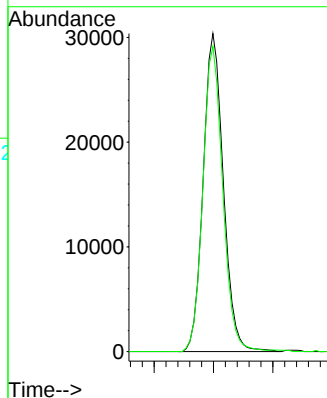
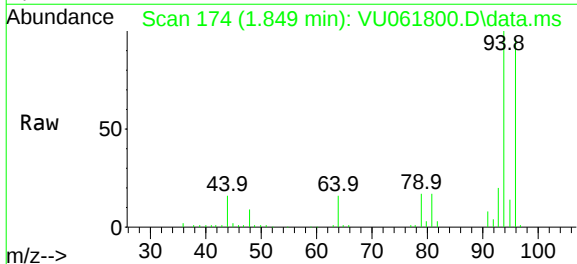
Instrument :
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 ClientSampleId :
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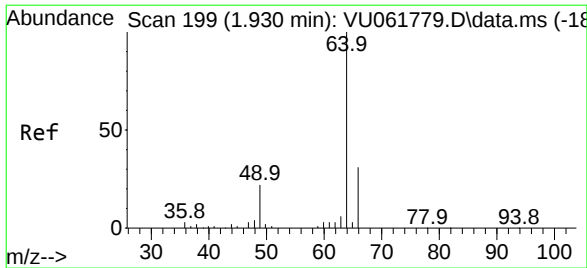
Tgt Ion: 62 Resp: 48667
 Ion Ratio Lower Upper
 62 100
 64 50.2 23.7 44.1#



#6
 Bromomethane
 Concen: 4.676 ug/L
 RT: 1.849 min Scan# 174
 Delta R.T. -0.003 min
 Lab File: VU061800.D
 Acq: 17 Nov 2024 21:41

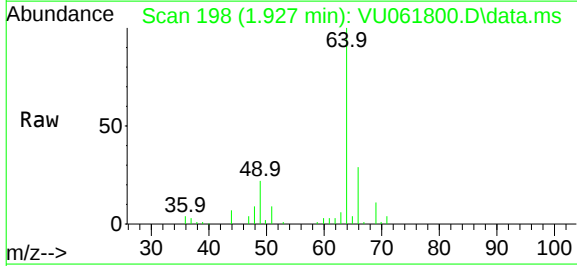
Tgt Ion: 94 Resp: 35841
 Ion Ratio Lower Upper
 94 100
 96 95.9 65.7 121.9



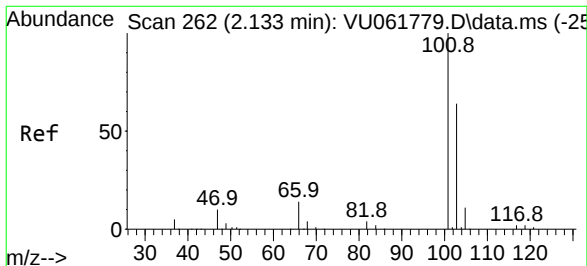
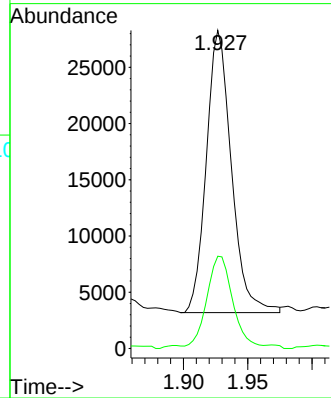
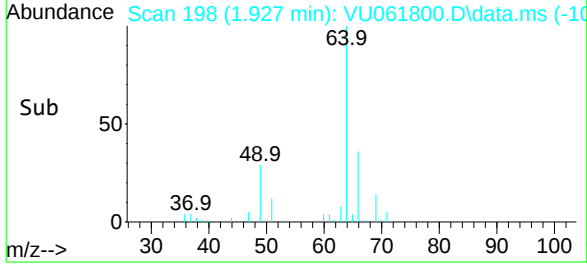


#8
Chloroethane
Concen: 3.827 ug/L
RT: 1.927 min Scan# 19
Delta R.T. -0.003 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Instrument :
MSVOA_U
ClientSampleId :
E29S4MSD

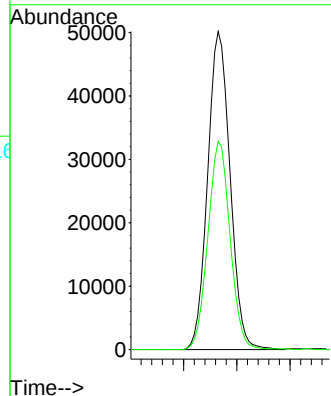
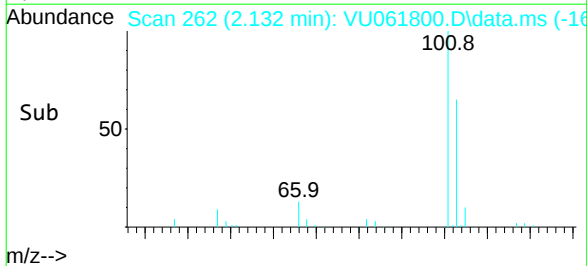
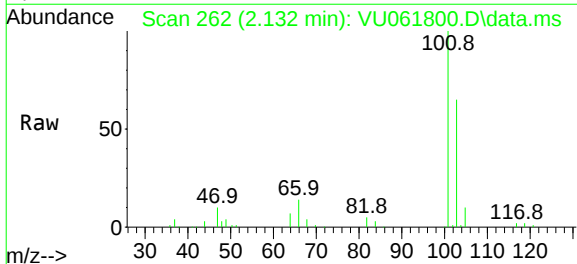


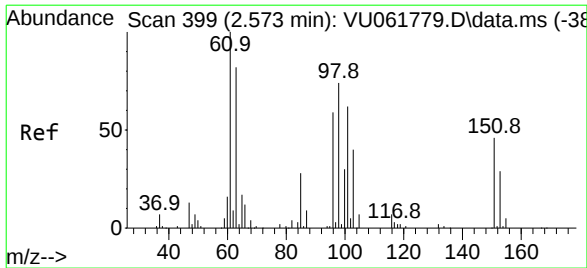
Tgt Ion: 64 Resp: 34101
Ion Ratio Lower Upper
64 100
66 29.0 23.1 42.9



#9
Trichlorofluoromethane
Concen: 3.889 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion: 101 Resp: 73455
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.2

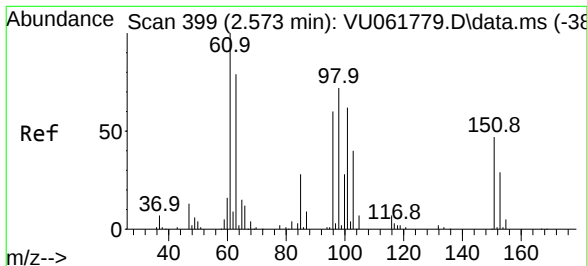
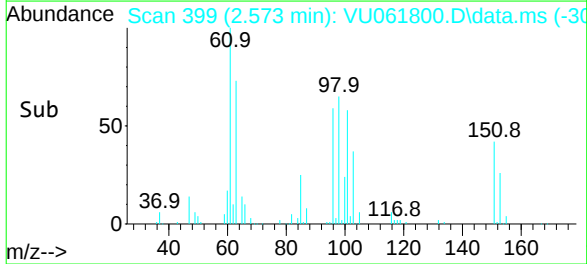
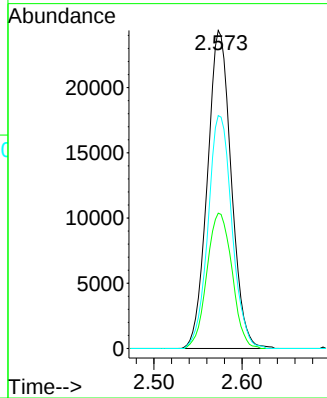
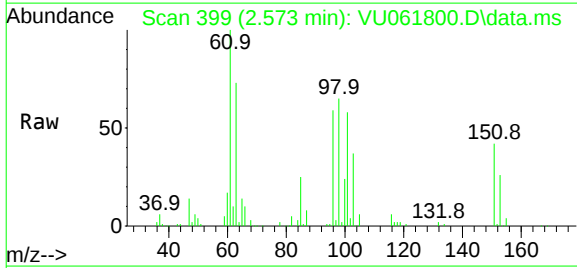




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.104 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

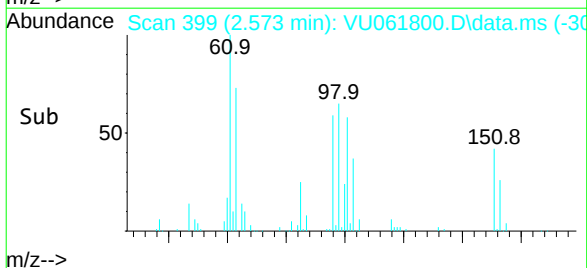
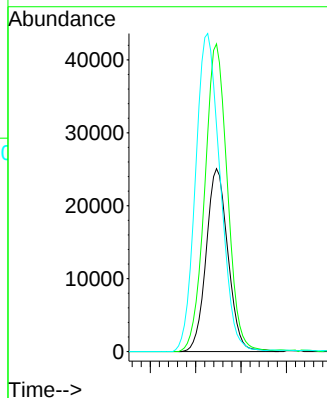
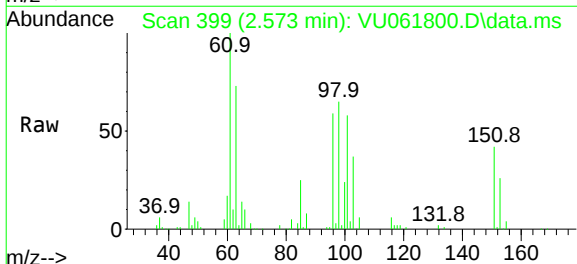
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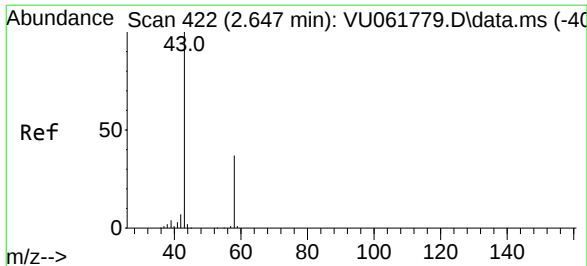
Tgt Ion: 101 Resp: 45823
Ion Ratio Lower Upper
101 100
85 44.7 35.1 52.7
151 73.5 56.9 85.3



#12
1,1-Dichloroethene
Concen: 4.006 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion: 96 Resp: 41750
Ion Ratio Lower Upper
96 100
61 168.2 116.8 217.0
63 123.6 86.1 159.9





#13

Acetone

Concen: 44.447 ug/L

RT: 2.624 min Scan# 415

Delta R.T. -0.023 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

Instrument :

MSVOA_U

ClientSampleId :

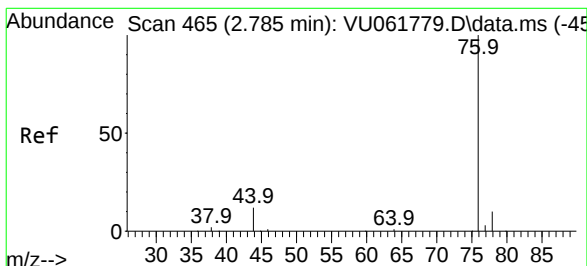
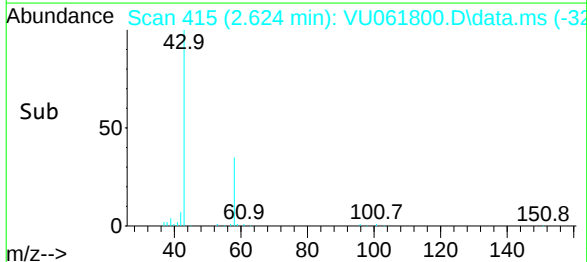
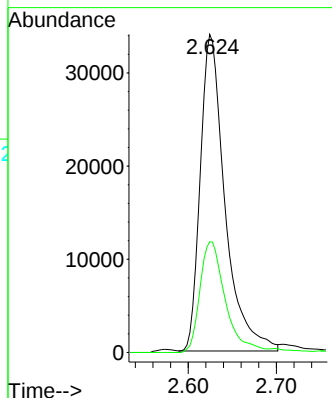
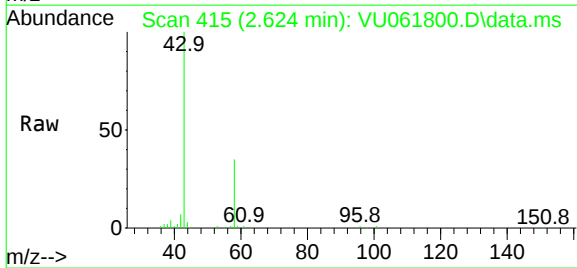
E29S4MSD

Tgt Ion: 43 Resp: 66303

Ion Ratio Lower Upper

43 100

58 35.8 0.0 69.8



#14

Carbon disulfide

Concen: 3.142 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

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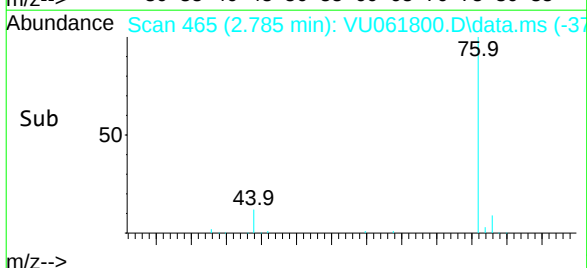
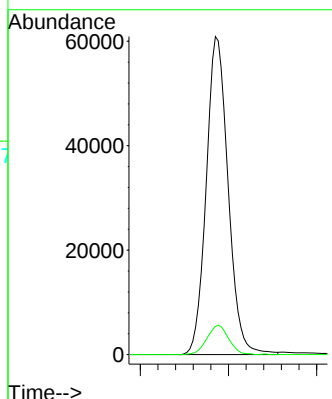
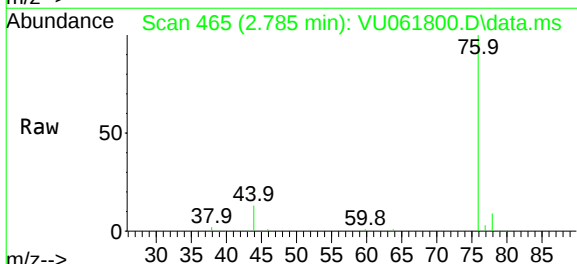
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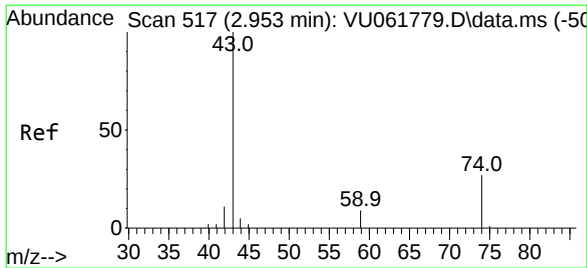
Tgt Ion: 76 Resp: 105180

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

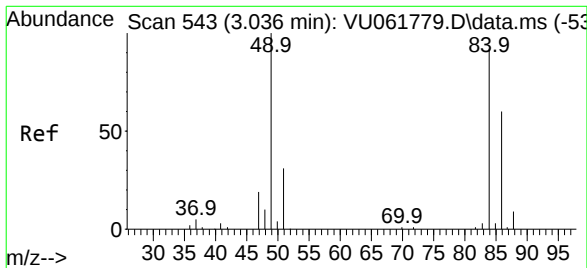
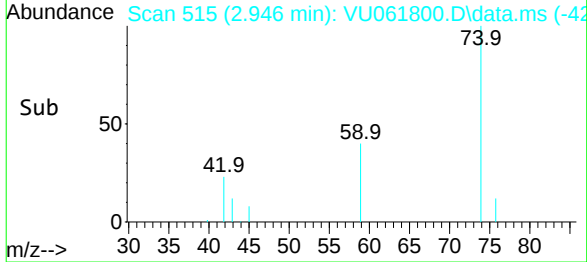
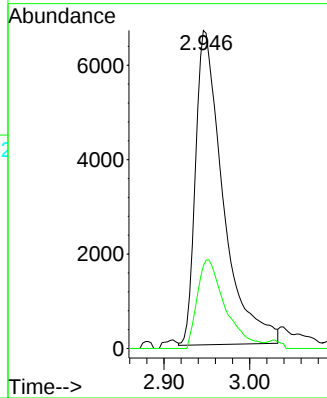
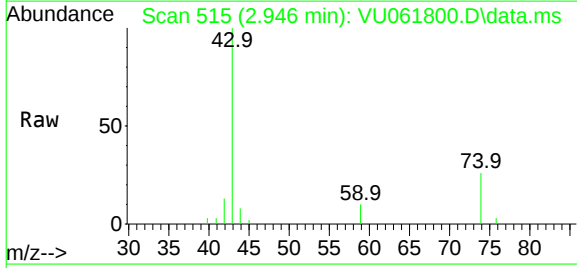




#15
Methyl Acetate
Concen: 3.998 ug/L
RT: 2.946 min Scan# 517
Delta R.T. -0.007 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

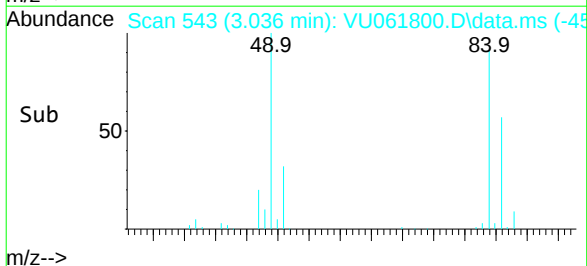
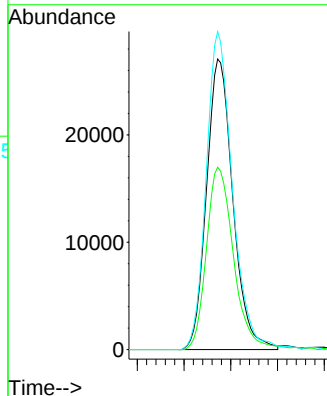
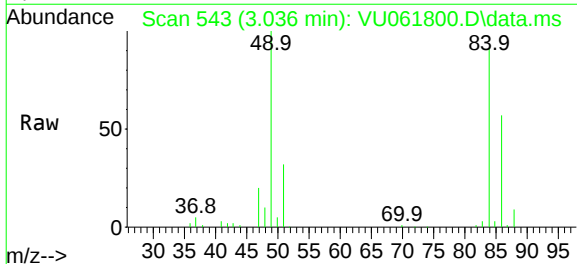
Instrument :
MSVOA_U
ClientSampleId :
E29S4MSD

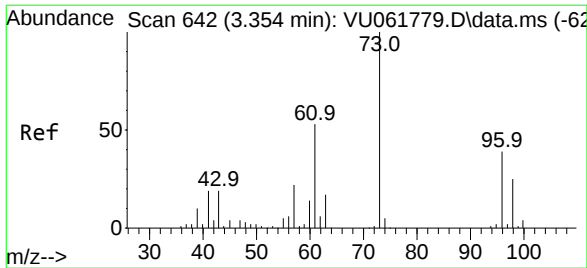
Tgt Ion: 43 Resp: 14899
Ion Ratio Lower Upper
43 100
74 28.7 22.5 33.7



#16
Methylene chloride
Concen: 4.415 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion: 84 Resp: 53035
Ion Ratio Lower Upper
84 100
86 62.8 45.1 83.7
49 109.5 76.3 141.7

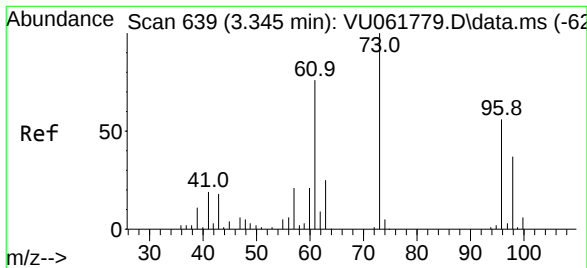
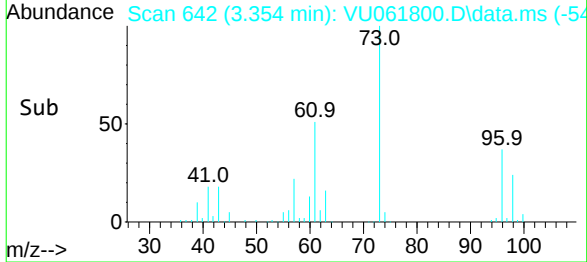
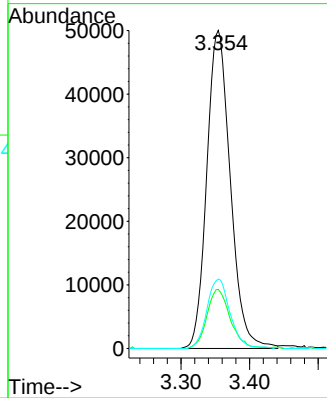
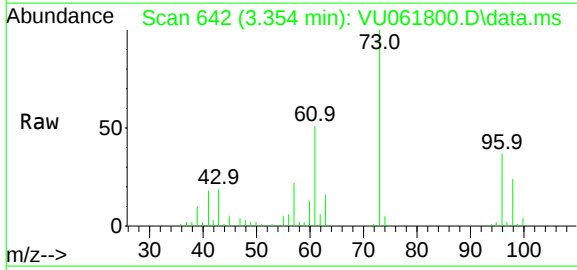




#17
Methyl tert-butyl Ether
Concen: 4.674 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

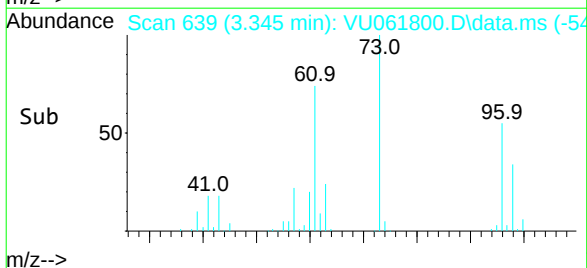
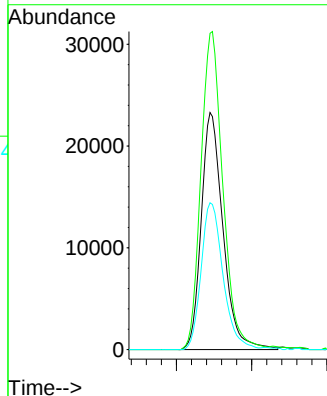
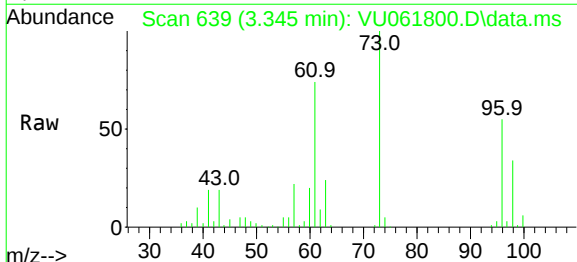
Instrument :
MSVOA_U
ClientSampleId :
E29S4MSD

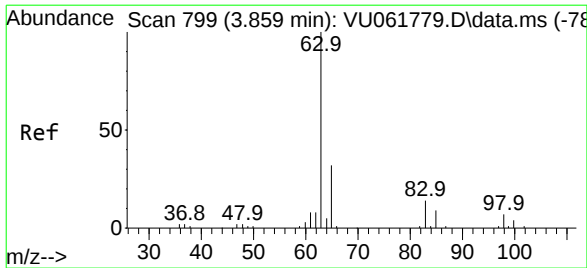
Tgt Ion: 73 Resp: 119387
Ion Ratio Lower Upper
73 100
43 18.3 14.2 21.4
57 21.3 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 4.093 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion: 96 Resp: 46794
Ion Ratio Lower Upper
96 100
61 133.4 94.1 174.8
98 61.9 43.2 80.2

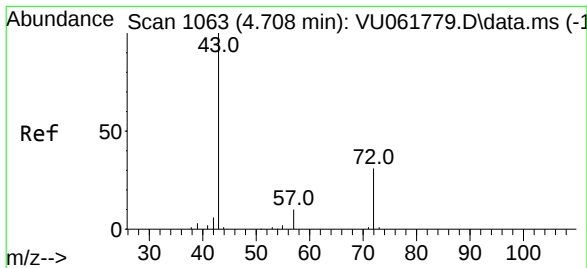
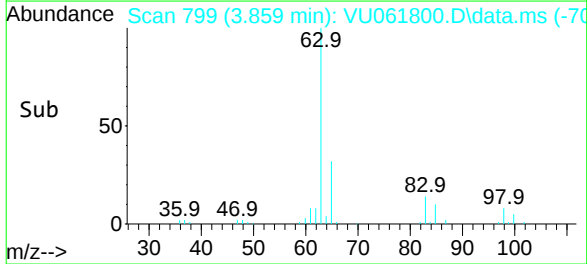
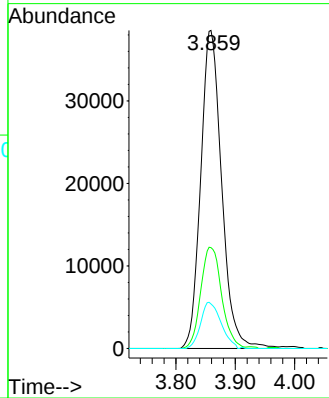
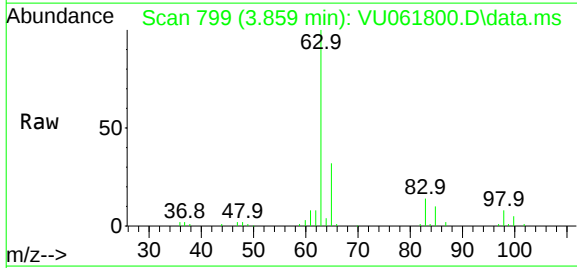




#19
1,1-Dichloroethane
Concen: 4.531 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

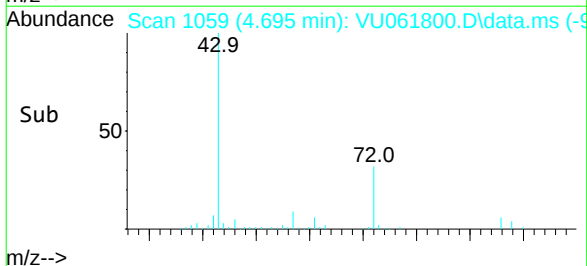
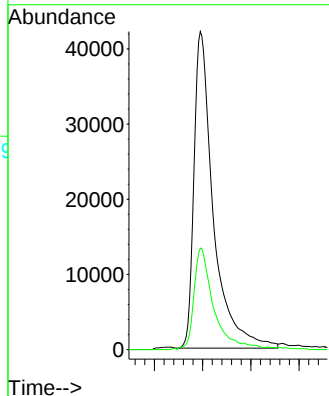
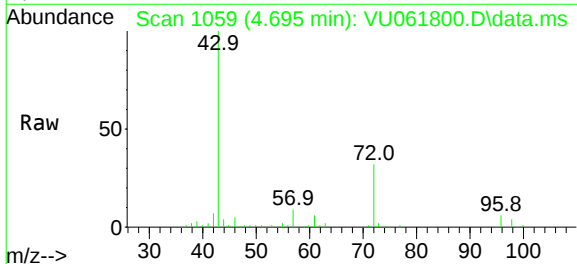
Instrument :
MSVOA_U
ClientSampleId :
E29S4MSD

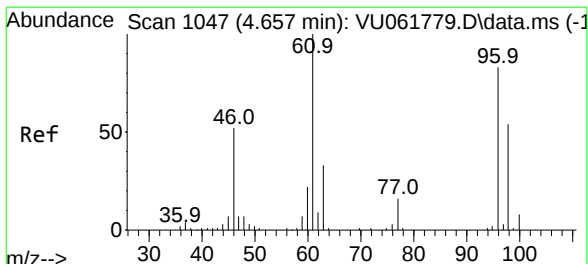
Tgt Ion:	63	Resp:	94447
Ion	Ratio	Lower	Upper
63	100		
65	31.7	23.4	43.4
83	14.0	9.6	17.8



#21
2-Butanone
Concen: 48.244 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. -0.013 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion:	43	Resp:	117535
Ion	Ratio	Lower	Upper
43	100		
72	31.1	15.8	47.3

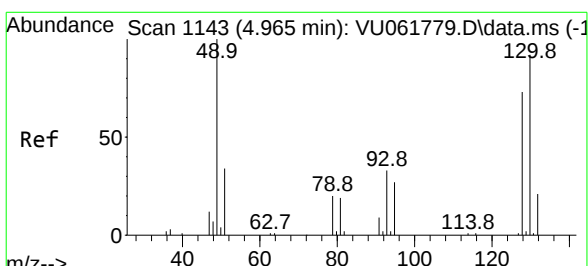
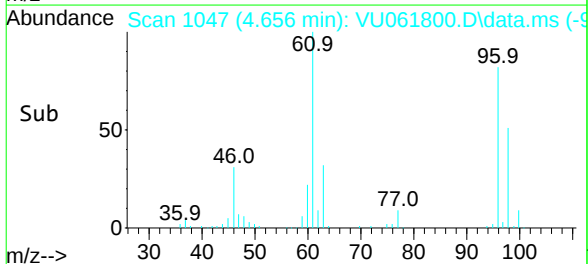
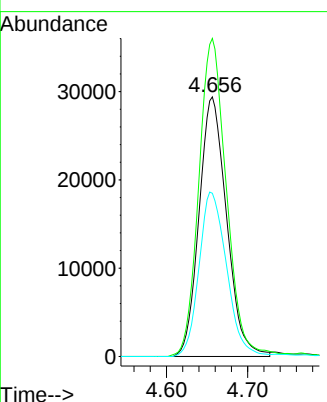
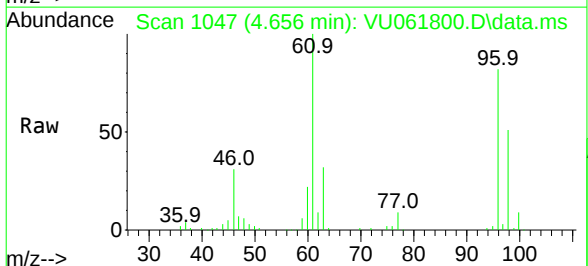




#22
 cis-1,2-Dichloroethene
 Concen: 5.372 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU061800.D
 Acq: 17 Nov 2024 21:41

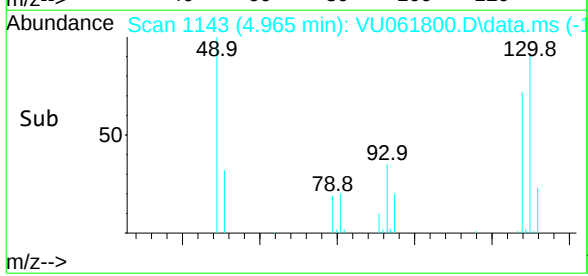
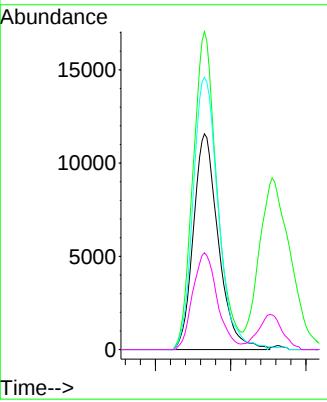
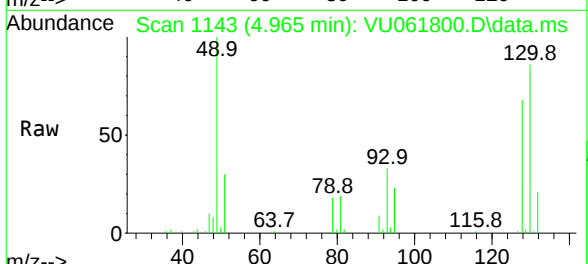
Instrument :
 MSVOA_U
 ClientSampleId :
 E29S4MSD

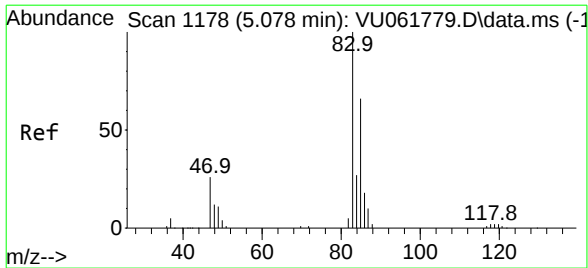
Tgt Ion:	96	Resp:	69258
Ion	Ratio	Lower	Upper
96	100		
61	122.5	85.6	159.0
98	62.9	45.6	84.8



#23
 Bromochloromethane
 Concen: 4.660 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU061800.D
 Acq: 17 Nov 2024 21:41

Tgt Ion:	128	Resp:	26684
Ion	Ratio	Lower	Upper
128	100		
49	147.4	99.1	184.1
130	126.2	88.6	164.6
51	44.9	35.8	53.6

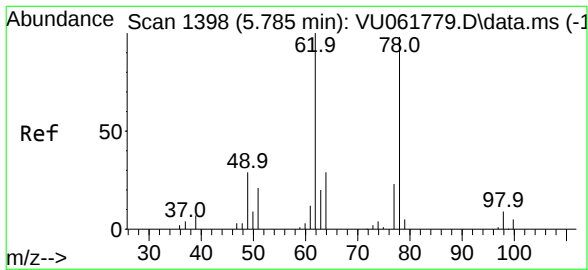
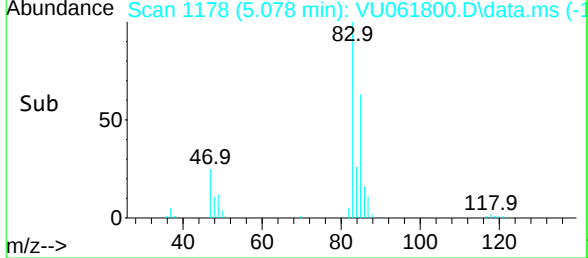
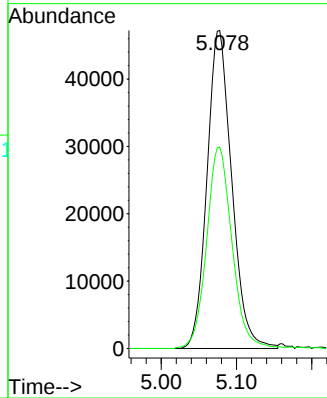
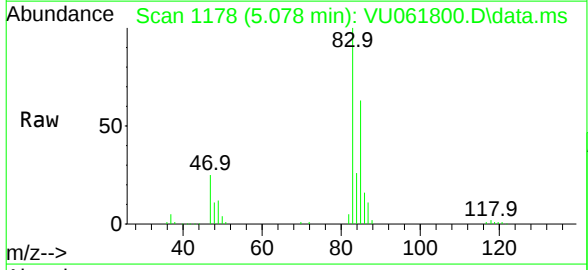




#25
Chloroform
Concen: 4.904 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

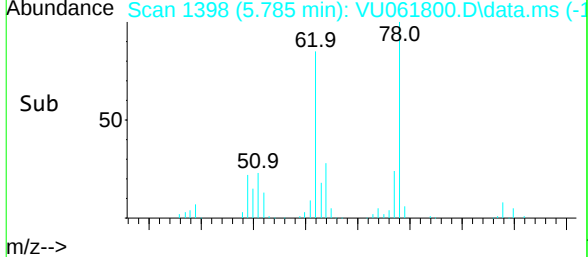
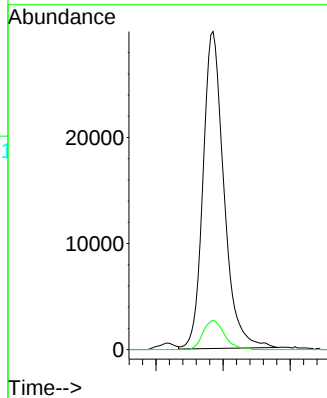
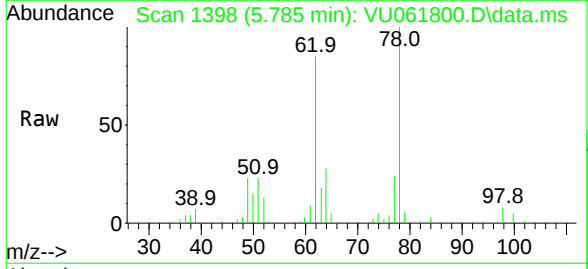
Instrument :
MSVOA_U
ClientSampleId :
E29S4MSD

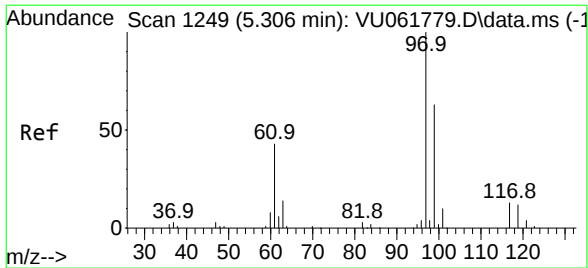
Tgt Ion: 83 Resp: 107731
Ion Ratio Lower Upper
83 100
85 63.3 44.1 81.9



#27
1,2-Dichloroethane
Concen: 4.700 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion: 62 Resp: 64787
Ion Ratio Lower Upper
62 100
98 9.2 7.7 11.5

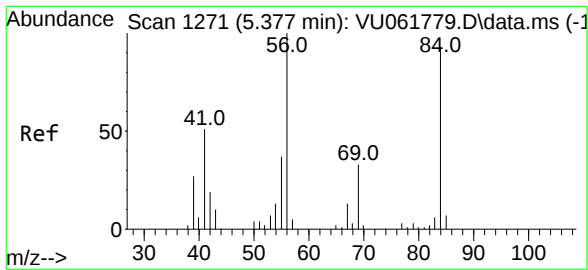
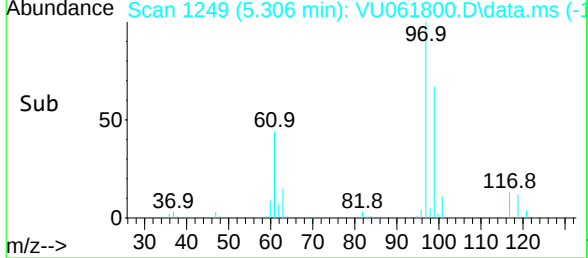
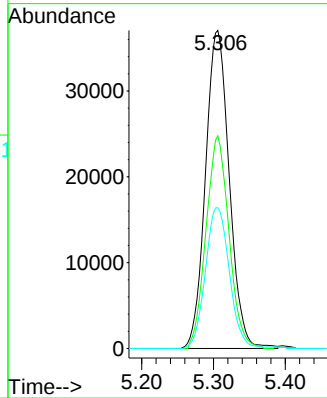
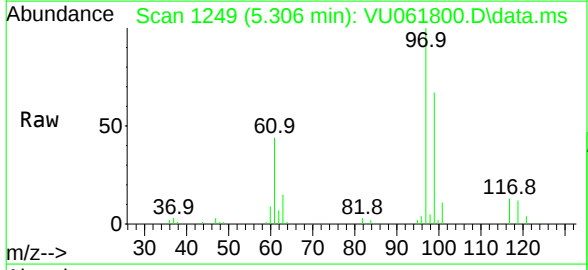




#29
1,1,1-Trichloroethane
Concen: 4.476 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

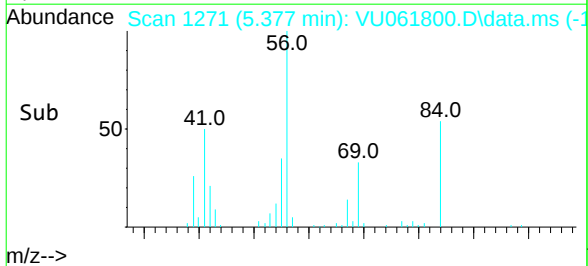
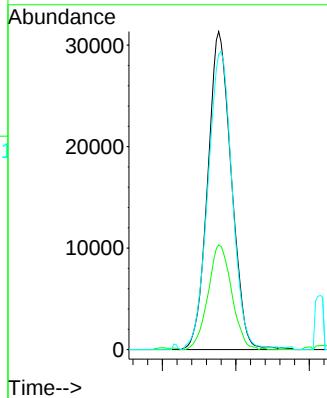
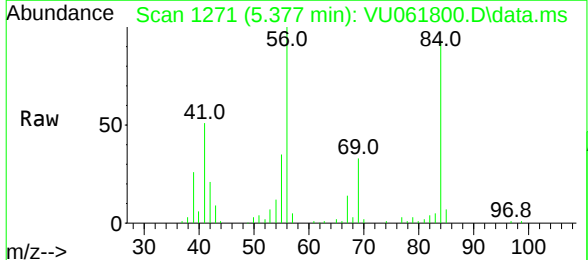
Instrument :
MSVOA_U
ClientSampleId :
E29S4MSD

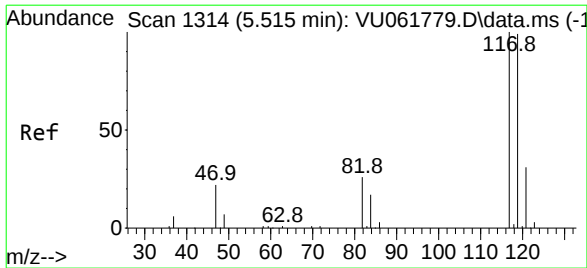
Tgt Ion:	97	Resp:	85316
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	44.5	35.4	53.0



#30
Cyclohexane
Concen: 3.668 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion:	56	Resp:	69837
Ion	Ratio	Lower	Upper
56	100		
69	33.0	25.6	38.4
84	96.4	74.3	111.5

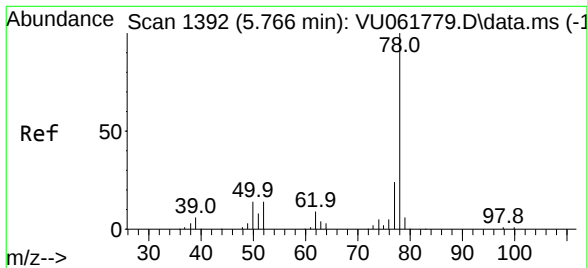
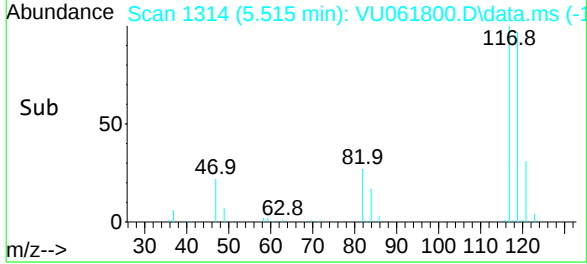
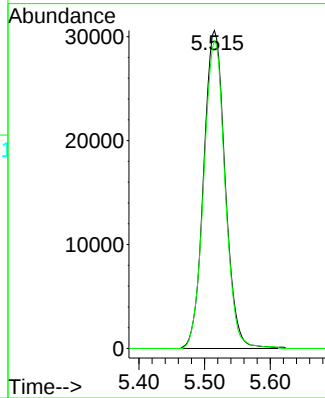
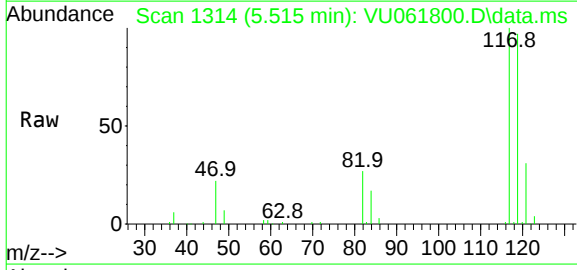




#31
Carbon tetrachloride
Concen: 4.283 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

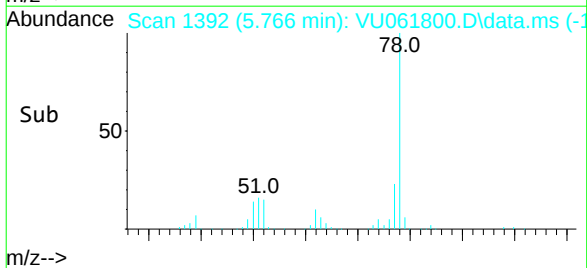
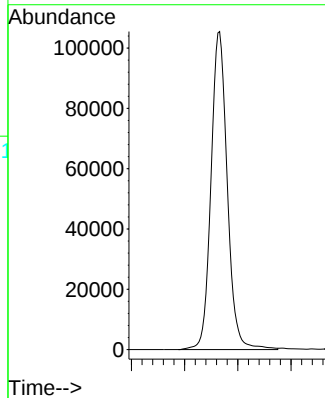
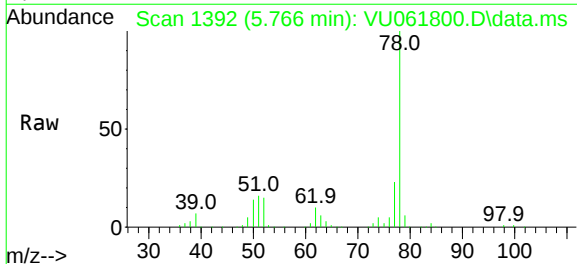
Instrument :
MSVOA_U
ClientSampleId :
E29S4MSD

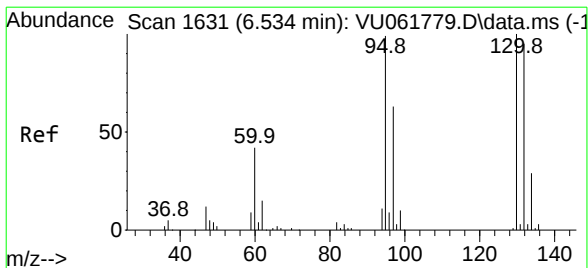
Tgt Ion:117 Resp: 69527
Ion Ratio Lower Upper
117 100
119 95.8 76.6 114.8



#33
Benzene
Concen: 4.426 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion: 78 Resp: 224342





#34

Trichloroethene

Concen: 6.156 ug/L

RT: 6.534 min Scan# 16

Delta R.T. -0.000 min

Lab File: VU061800.D

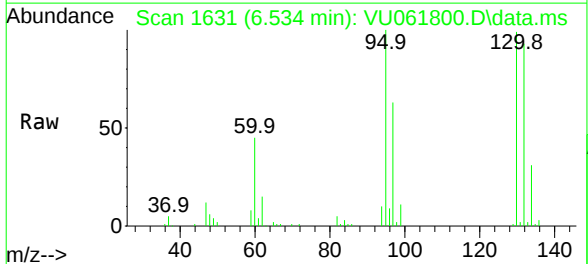
Acq: 17 Nov 2024 21:41

Instrument :

MSVOA_U

ClientSampleId :

E29S4MSD



Tgt Ion: 95 Resp: 84260

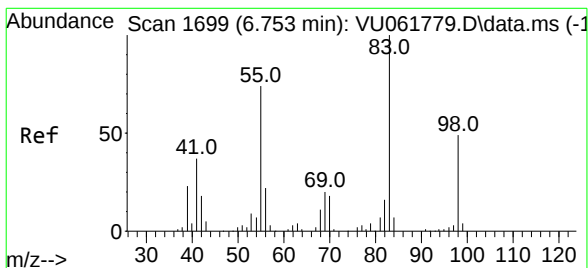
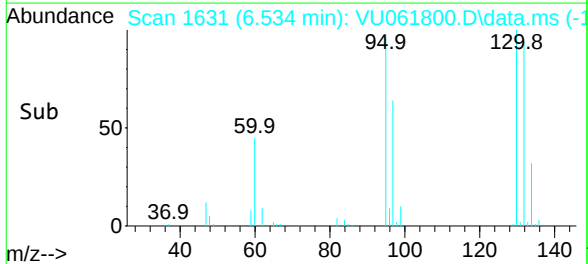
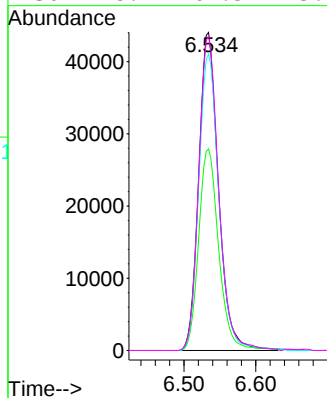
Ion Ratio Lower Upper

95 100

97 63.4 43.5 80.9

132 93.3 65.2 121.0

130 98.9 67.5 125.3



#35

Methylcyclohexane

Concen: 3.625 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

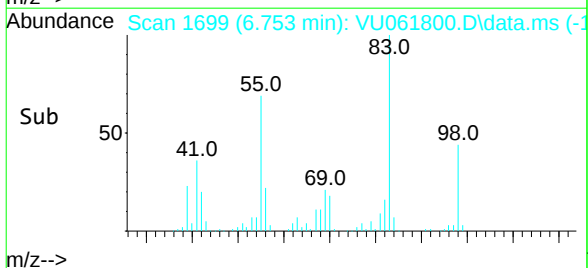
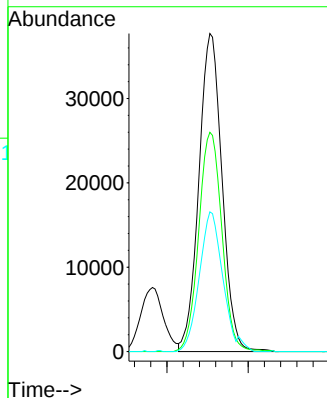
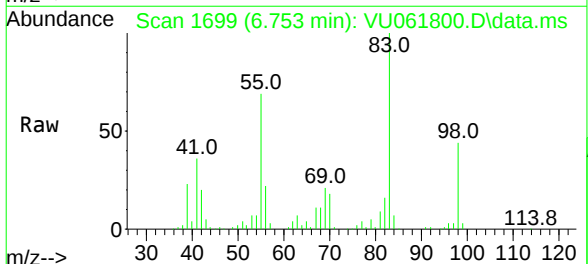
Tgt Ion: 83 Resp: 74824

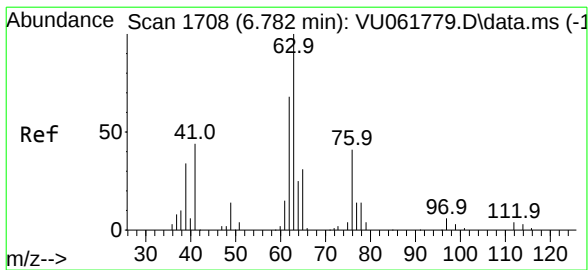
Ion Ratio Lower Upper

83 100

55 68.8 56.4 84.6

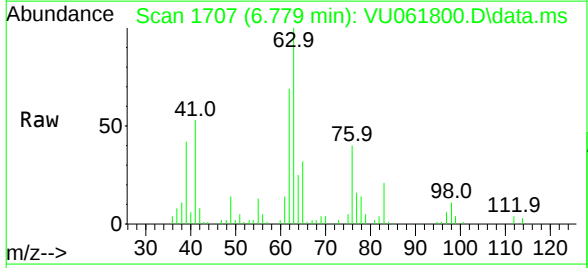
98 44.6 37.7 56.5



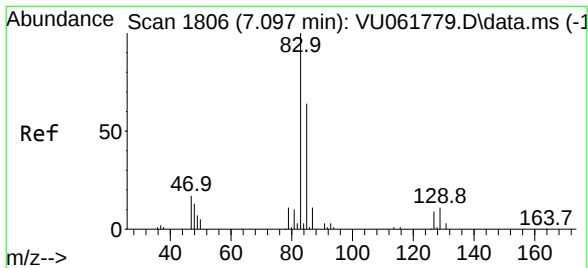
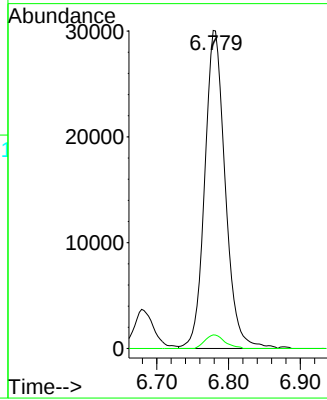
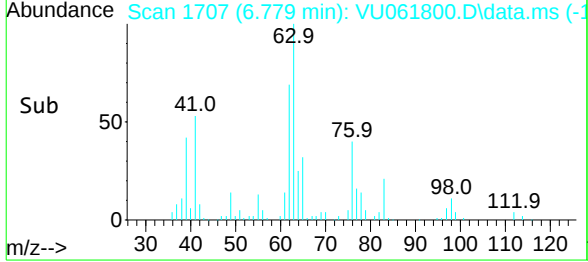


#37
1,2-Dichloropropane
Concen: 4.643 ug/L
RT: 6.779 min Scan# 1708
Delta R.T. -0.003 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Instrument :
MSVOA_U
ClientSampleId :
E29S4MSD

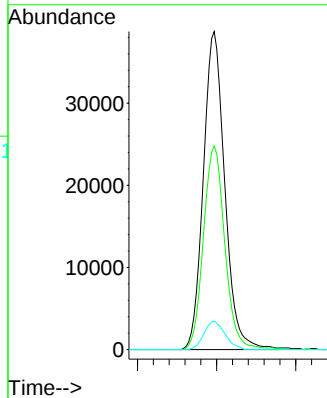
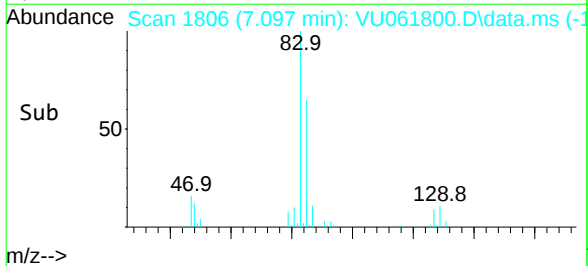
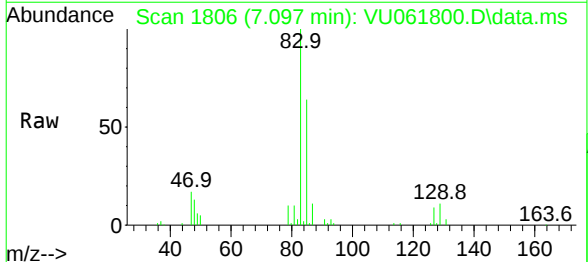


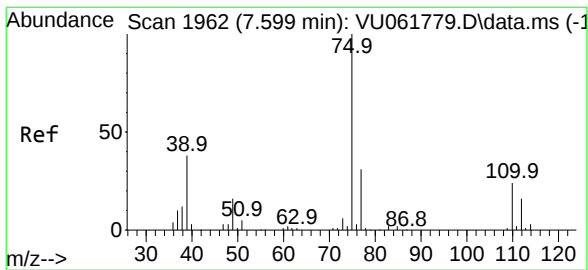
Tgt Ion: 63 Resp: 59708
Ion Ratio Lower Upper
63 100
112 4.1 3.0 4.4



#38
Bromodichloromethane
Concen: 4.717 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion: 83 Resp: 72779
Ion Ratio Lower Upper
83 100
85 64.0 45.0 83.6
127 8.9 6.9 10.3

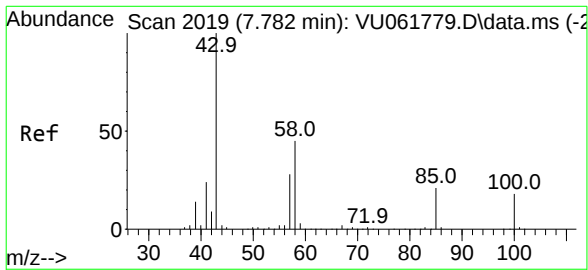
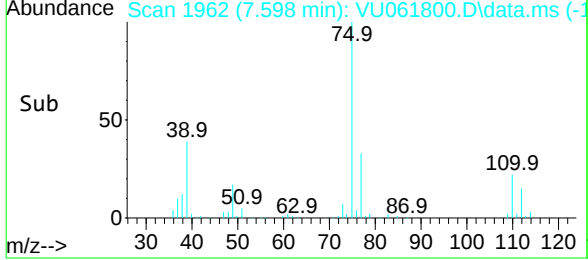
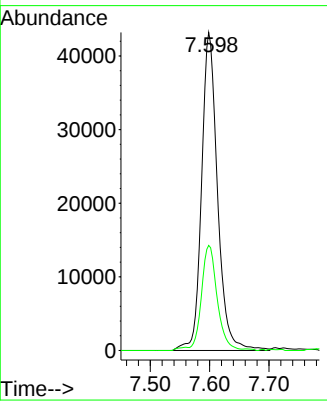
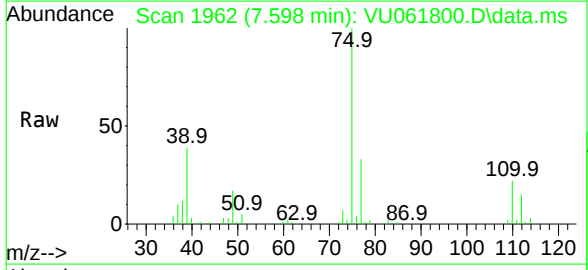




#39
 cis-1,3-Dichloropropene
 Concen: 4.414 ug/L
 RT: 7.598 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VU061800.D
 Acq: 17 Nov 2024 21:41

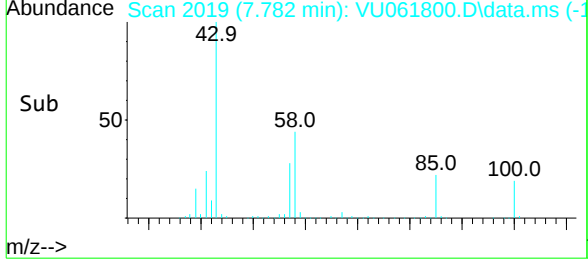
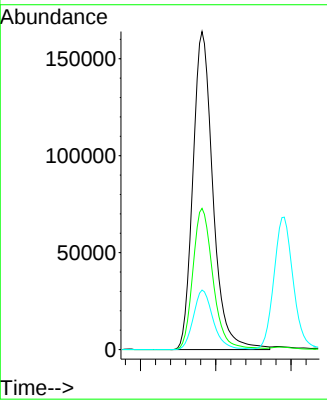
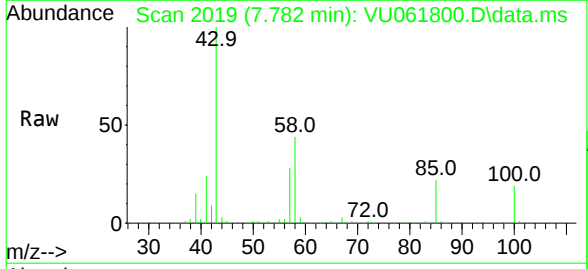
Instrument :
 MSVOA_U
 ClientSampleId :
 E29S4MSD

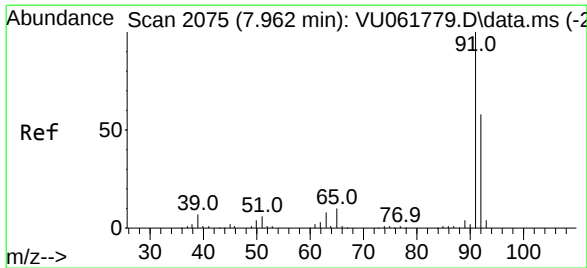
Tgt Ion: 75 Resp: 80782
 Ion Ratio Lower Upper
 75 100
 77 33.0 22.9 42.5



#40
 4-Methyl-2-pentanone
 Concen: 49.279 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU061800.D
 Acq: 17 Nov 2024 21:41

Tgt Ion: 43 Resp: 303852
 Ion Ratio Lower Upper
 43 100
 58 44.7 35.7 53.5
 100 18.5 14.2 21.2





#42

Toluene

Concen: 4.402 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

Instrument :

MSVOA_U

ClientSampleId :

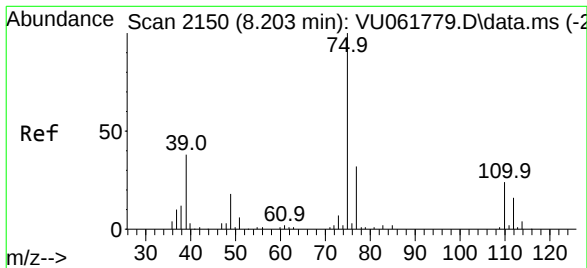
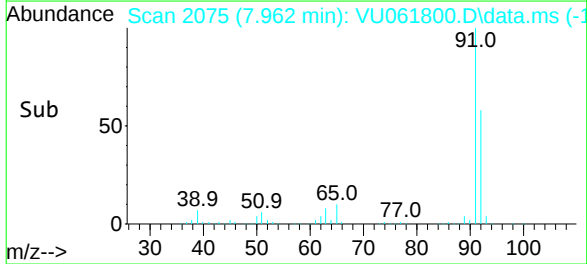
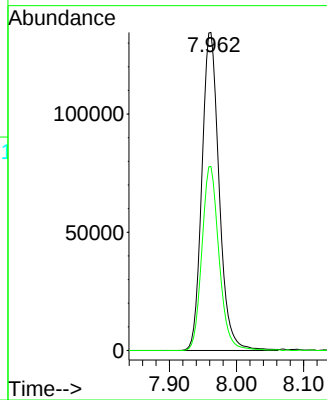
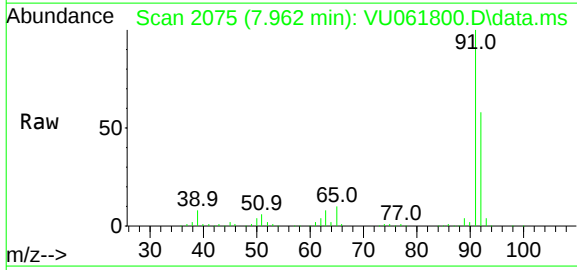
E29S4MSD

Tgt Ion: 91 Resp: 240241

Ion Ratio Lower Upper

91 100

92 57.8 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 4.399 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061800.D

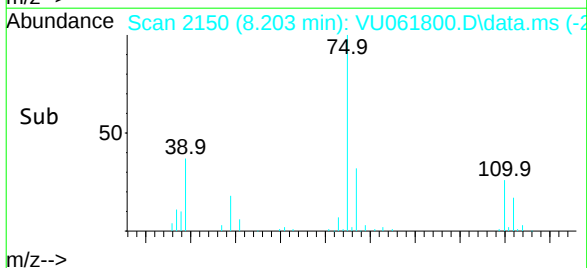
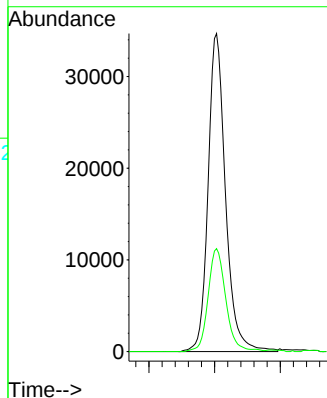
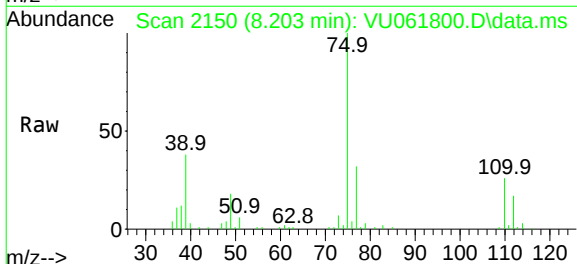
Acq: 17 Nov 2024 21:41

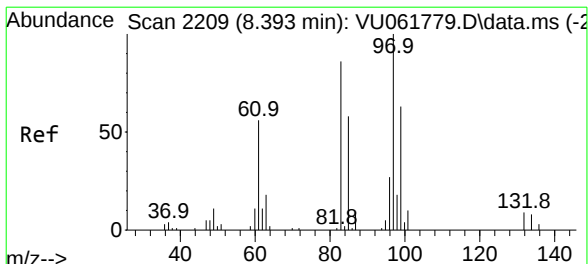
Tgt Ion: 75 Resp: 63861

Ion Ratio Lower Upper

75 100

77 32.4 21.7 40.3

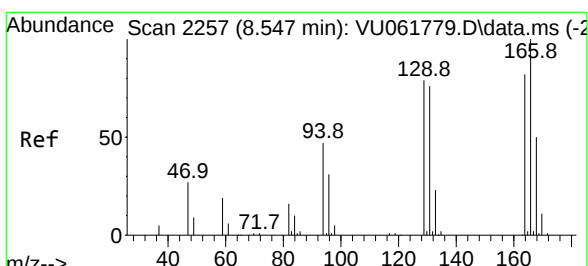
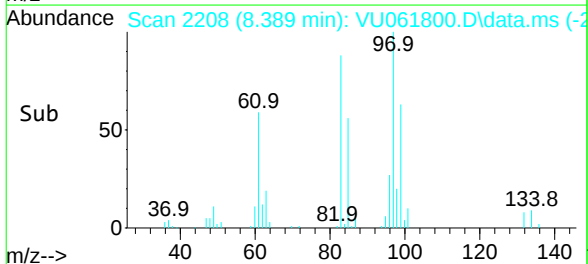
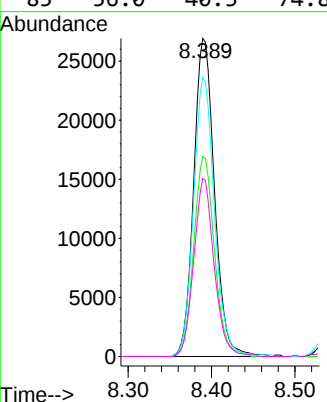
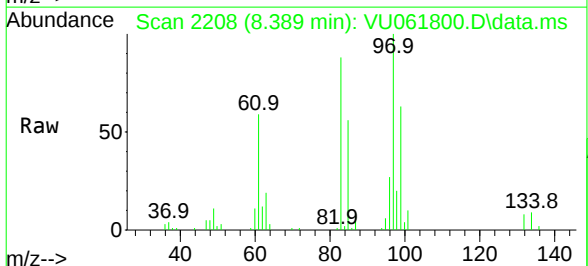




#45
 1,1,2-Trichloroethane
 Concen: 4.975 ug/L
 RT: 8.389 min Scan# 2209
 Delta R.T. -0.003 min
 Lab File: VU061800.D
 Acq: 17 Nov 2024 21:41

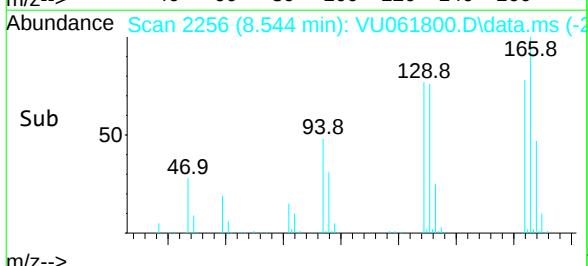
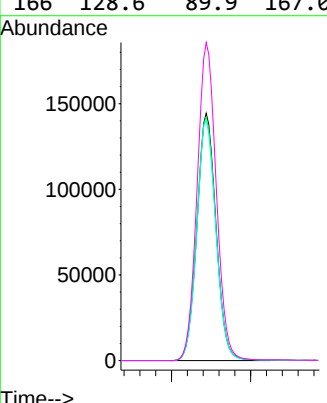
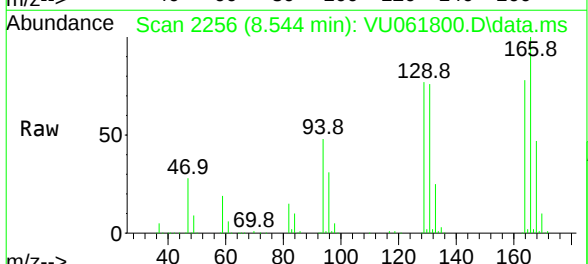
Instrument :
 MSVOA_U
 ClientSampleId :
 E29S4MSD

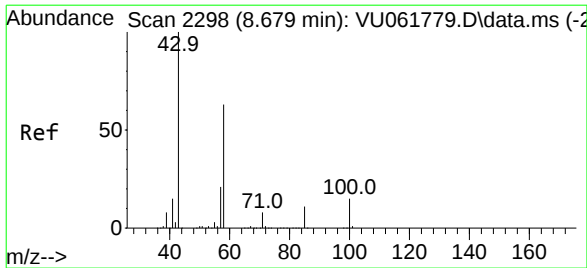
Tgt Ion:	97	Resp:	46638
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.8	81.3
83	87.8	63.2	117.4
85	56.0	40.3	74.8



#47
 Tetrachloroethene
 Concen: 23.578 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. -0.003 min
 Lab File: VU061800.D
 Acq: 17 Nov 2024 21:41

Tgt Ion:	164	Resp:	242497
Ion	Ratio	Lower	Upper
164	100		
129	98.4	71.7	133.3
131	97.4	68.2	126.6
166	128.6	89.9	167.0

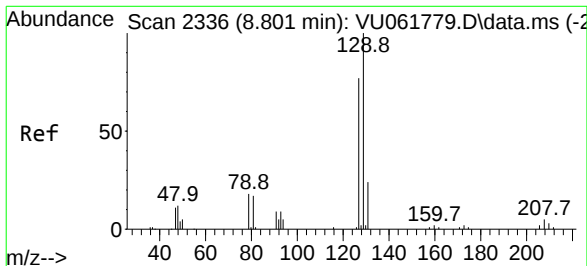
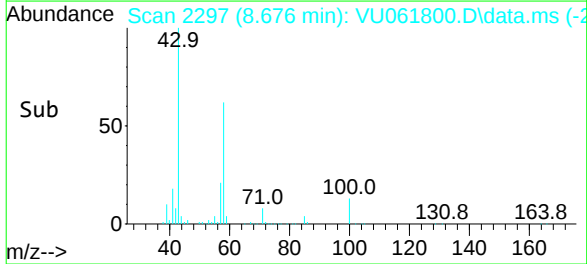
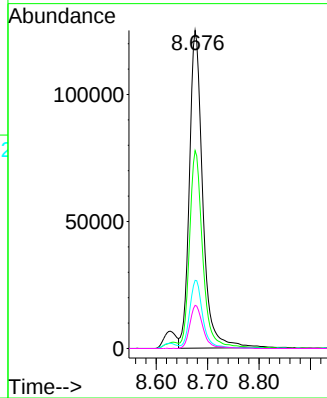
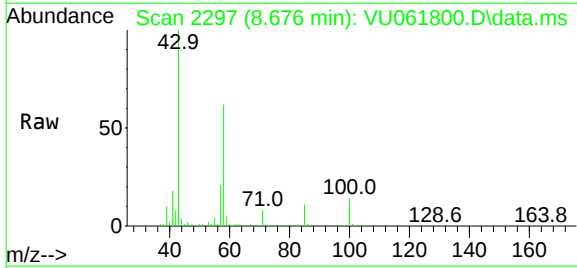




#48
2-Hexanone
Concen: 51.103 ug/L
RT: 8.676 min Scan# 2298
Delta R.T. -0.003 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

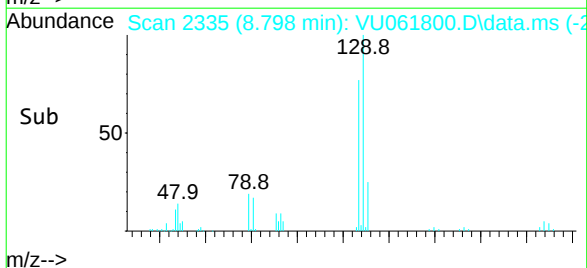
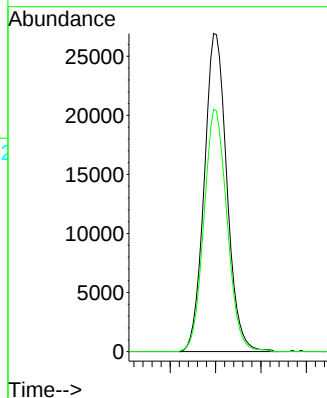
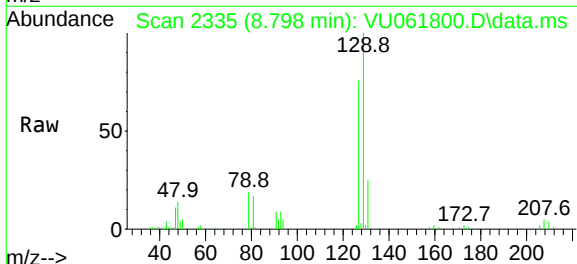
Instrument :
MSVOA_U
ClientSampleId :
E29S4MSD

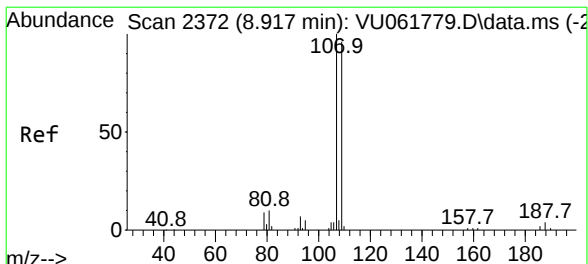
Tgt Ion:	43	Resp:	225300
Ion	Ratio	Lower	Upper
43	100		
58	60.8	49.4	74.2
57	20.8	16.3	24.5
100	13.6	10.6	16.0



#49
Dibromochloromethane
Concen: 4.740 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion:	129	Resp:	46590
Ion	Ratio	Lower	Upper
129	100		
127	76.2	55.1	102.3

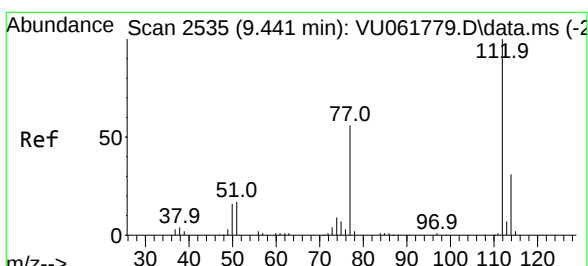
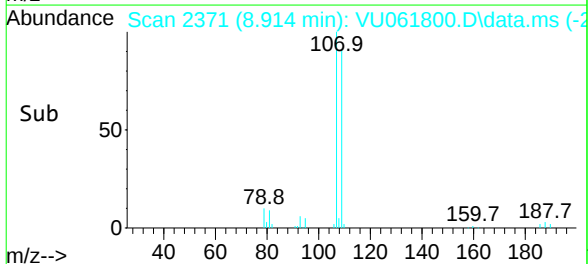
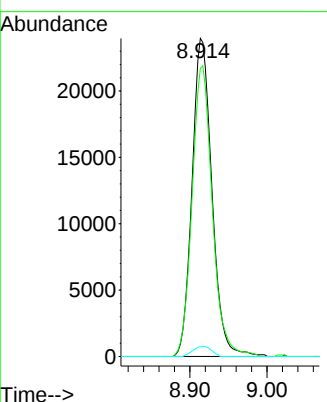
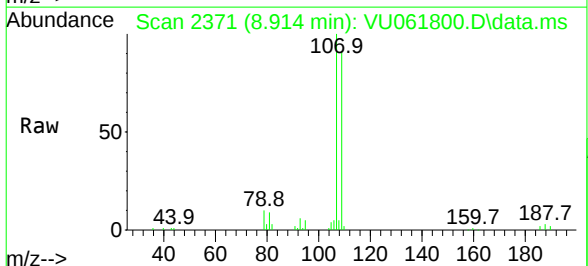




#50
1,2-Dibromoethane
Concen: 4.850 ug/L
RT: 8.914 min Scan# 2372
Delta R.T. -0.003 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

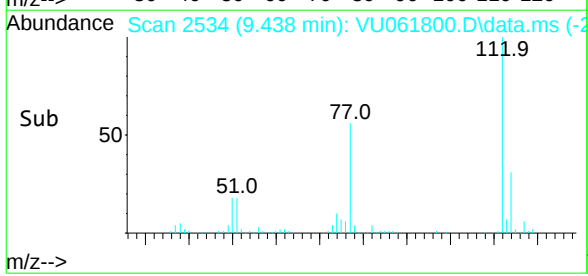
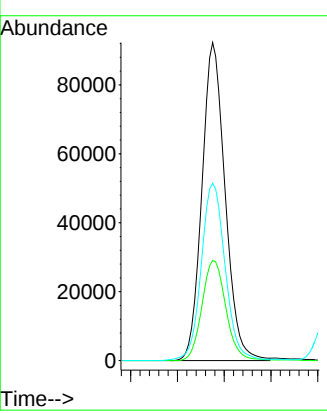
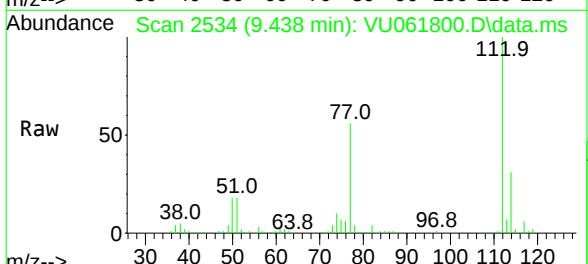
Instrument :
MSVOA_U
ClientSampleId :
E29S4MSD

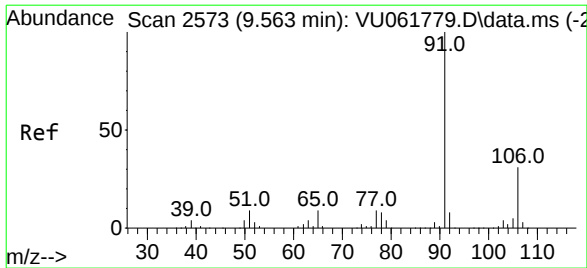
Tgt Ion:	107	Resp:	42884
Ion Ratio	Lower	Upper	
107	100		
109	90.6	64.8	120.4
188	3.1	2.5	3.7



#51
Chlorobenzene
Concen: 4.527 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion:	112	Resp:	159035
Ion Ratio	Lower	Upper	
112	100		
114	31.5	22.5	41.9
77	55.8	45.3	67.9

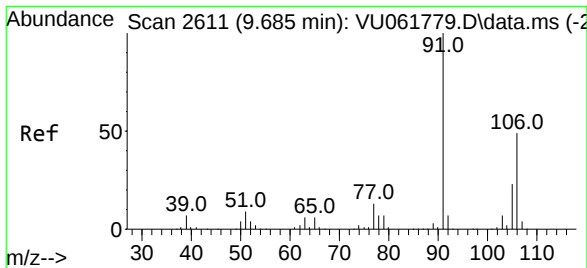
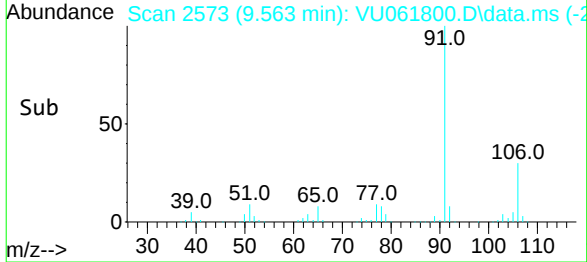
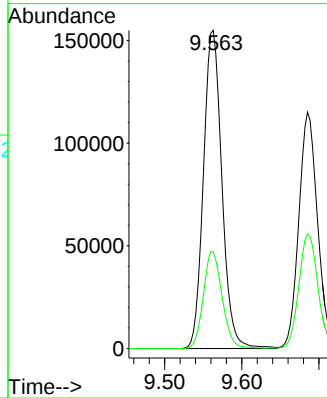
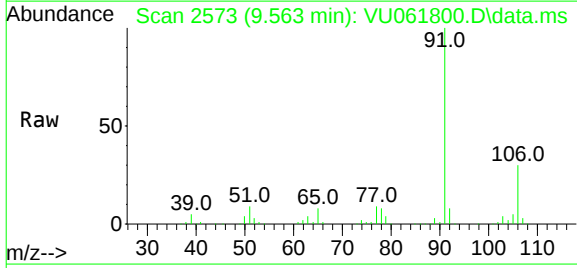




#52
Ethylbenzene
Concen: 4.426 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

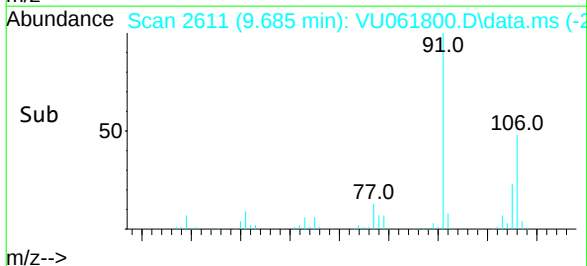
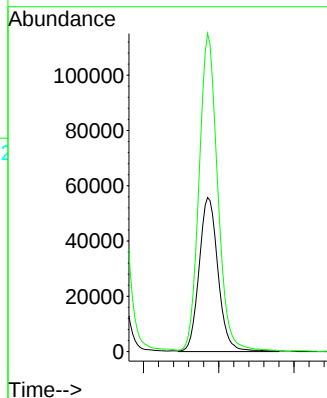
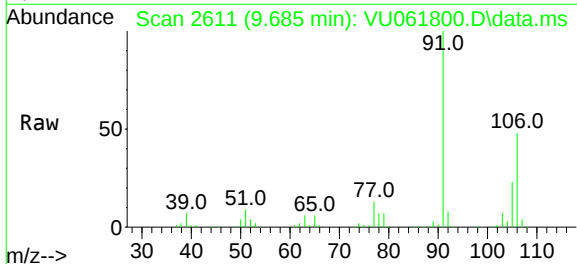
Instrument :
MSVOA_U
ClientSampleId :
E29S4MSD

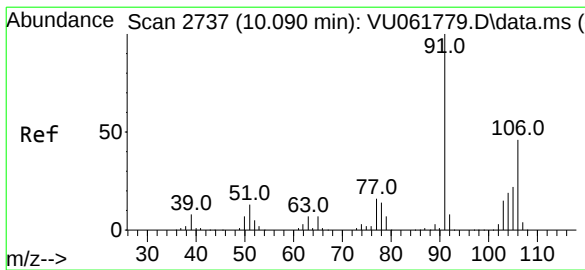
Tgt Ion: 91 Resp: 257308
Ion Ratio Lower Upper
91 100
106 30.3 21.7 40.3



#53
m,p-Xylene
Concen: 4.381 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion: 106 Resp: 97454
Ion Ratio Lower Upper
106 100
91 206.3 140.4 260.8





#54

o-Xylene

Concen: 4.515 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

Instrument :

MSVOA_U

ClientSampleId :

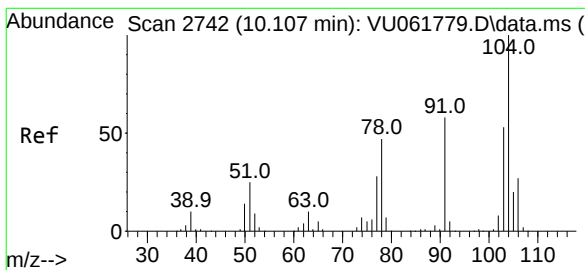
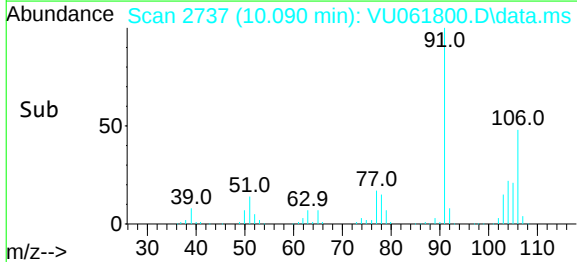
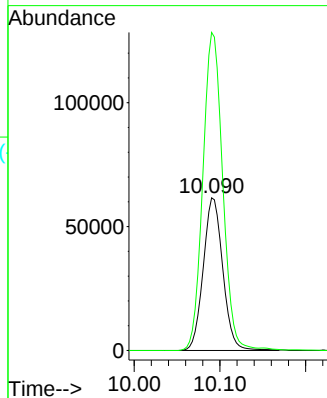
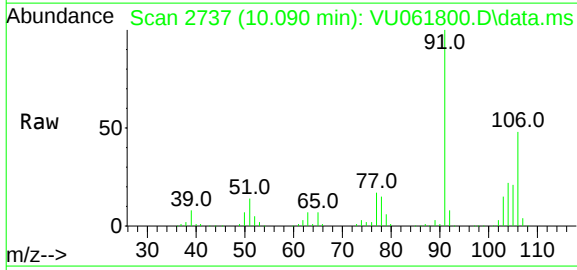
E29S4MSD

Tgt Ion:106 Resp: 97626

Ion Ratio Lower Upper

106 100

91 208.3 151.3 280.9



#55

Styrene

Concen: 4.582 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU061800.D

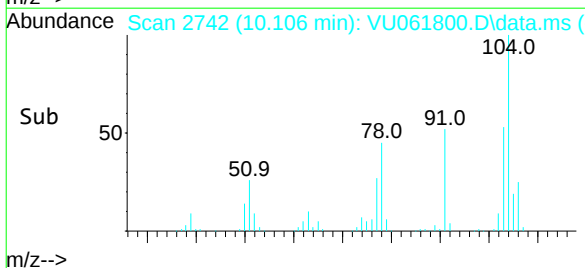
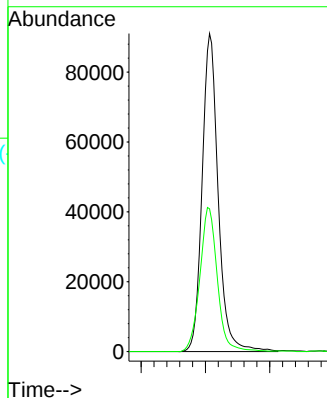
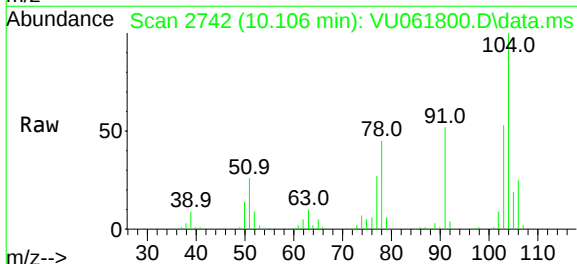
Acq: 17 Nov 2024 21:41

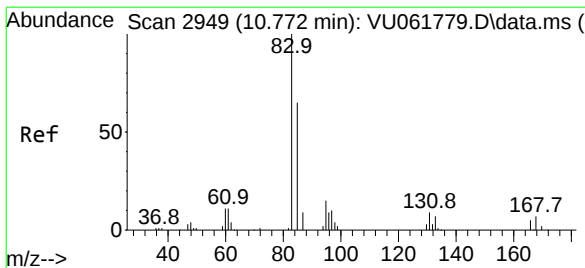
Tgt Ion:104 Resp: 157736

Ion Ratio Lower Upper

104 100

78 44.9 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 4.967 ug/L

RT: 10.772 min Scan# 29

Delta R.T. -0.000 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

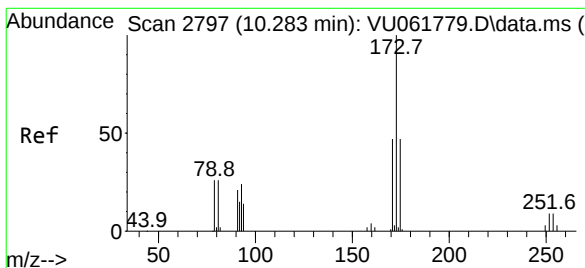
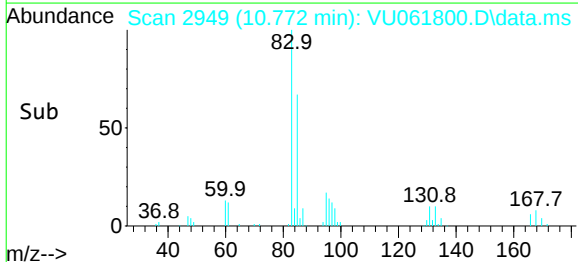
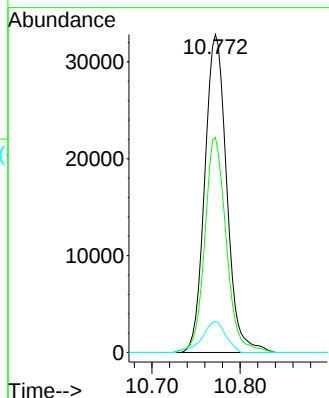
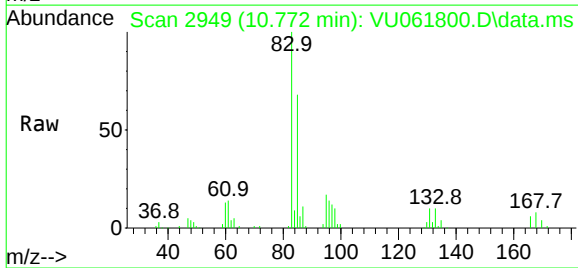
Instrument :

MSVOA_U

ClientSampleId :

E29S4MSD

Tgt Ion:	83	Resp:	56661
Ion Ratio	Lower	Upper	
83	100		
85	67.6	41.9	77.9
131	9.8	7.8	11.6



#59

Bromoform

Concen: 4.591 ug/L

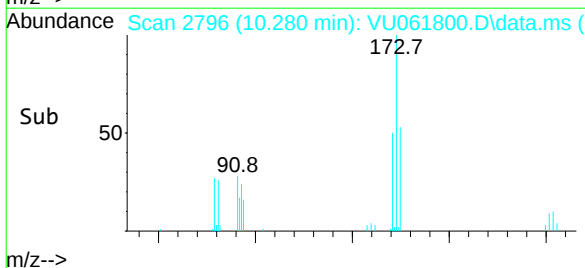
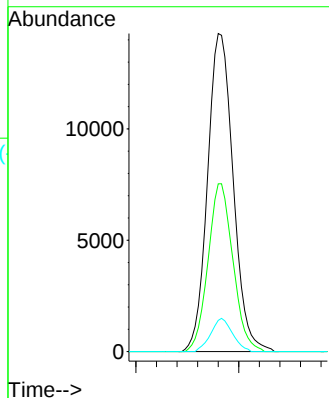
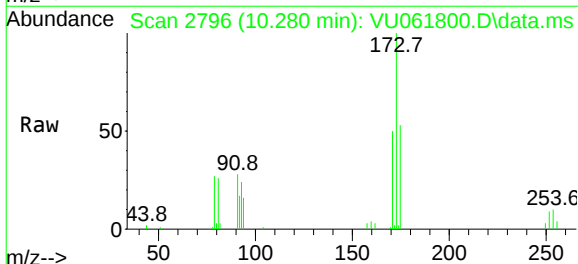
RT: 10.280 min Scan# 2796

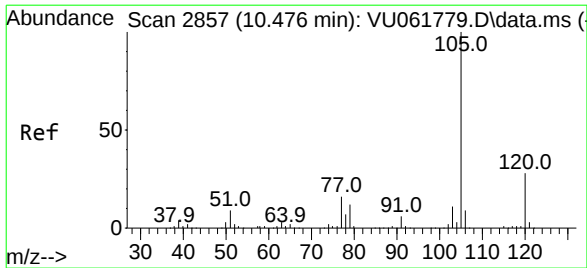
Delta R.T. -0.003 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

Tgt Ion:	173	Resp:	24733
Ion Ratio	Lower	Upper	
173	100		
175	51.2	39.3	58.9
254	8.9	7.8	11.8

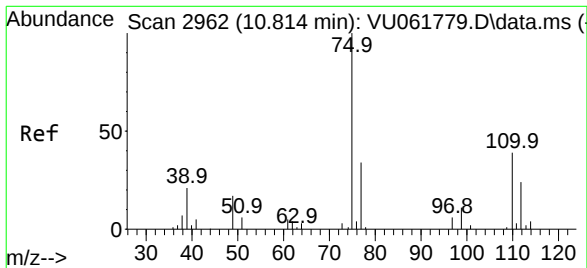
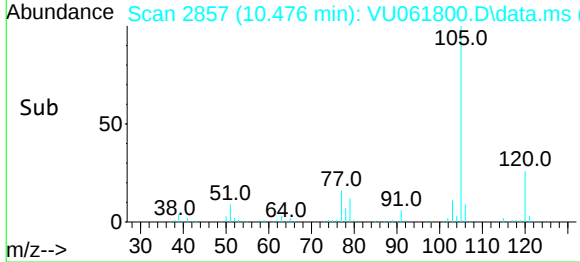
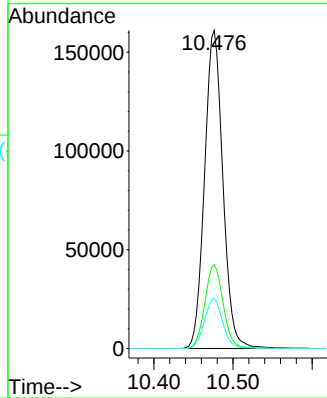
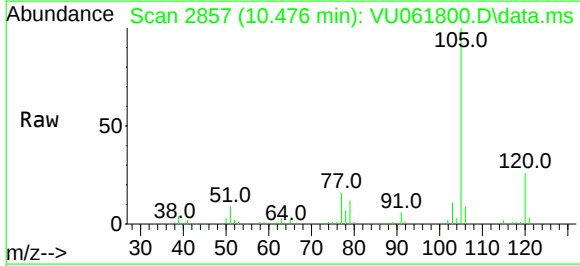




#60
Isopropylbenzene
Concen: 4.581 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

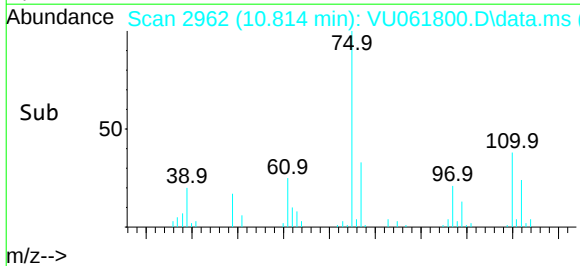
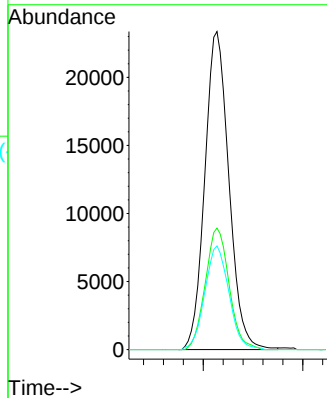
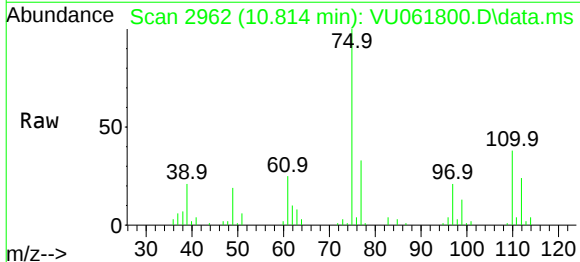
Instrument :
MSVOA_U
ClientSampleId :
E29S4MSD

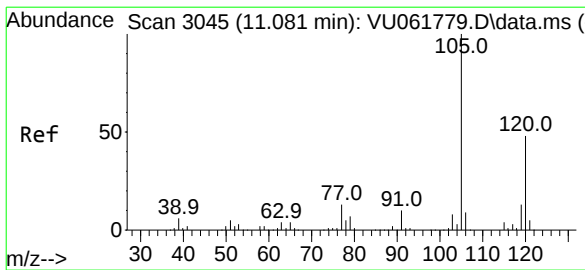
Tgt Ion:	105	Resp:	258585
Ion Ratio	Lower	Upper	
105	100		
120	26.3	21.6	32.4
77	15.7	12.8	19.2



#61
1,2,3-Trichloropropane
Concen: 5.122 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion:	75	Resp:	39275
Ion Ratio	Lower	Upper	
75	100		
110	37.7	31.3	46.9
77	32.7	26.0	39.0

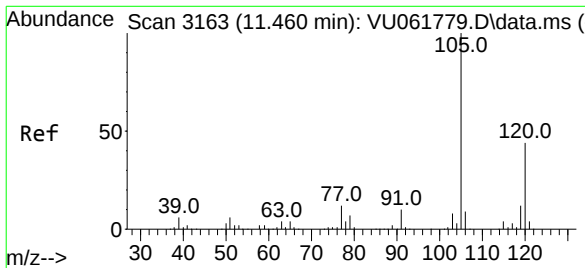
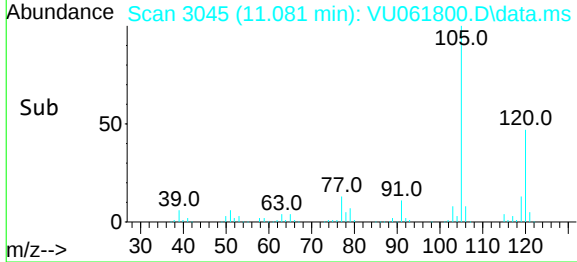
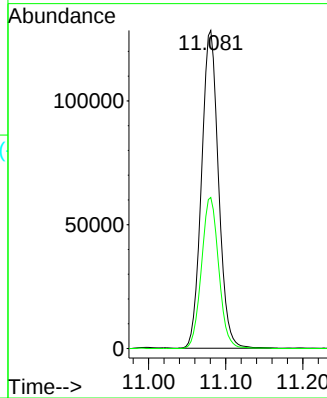
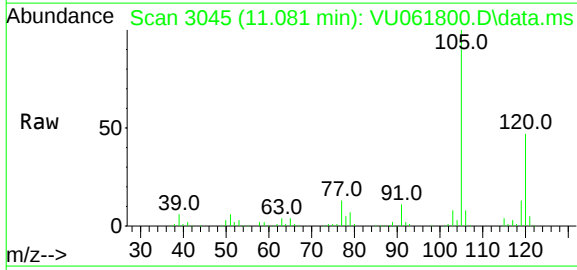




#62
1,3,5-Trimethylbenzene
Concen: 4.337 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

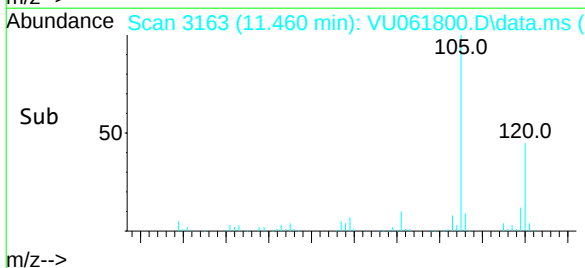
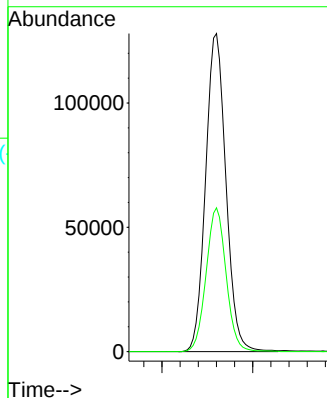
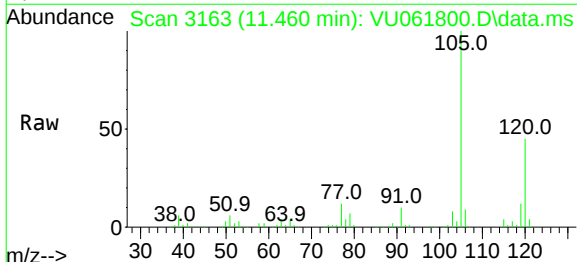
Instrument :
MSVOA_U
ClientSampleId :
E29S4MSD

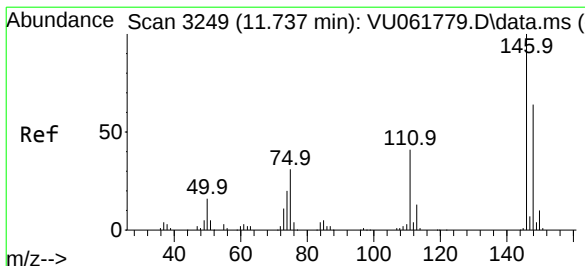
Tgt Ion:105 Resp: 196017
Ion Ratio Lower Upper
105 100
120 48.3 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 4.518 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion:105 Resp: 198777
Ion Ratio Lower Upper
105 100
120 44.6 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 4.666 ug/L

RT: 11.737 min Scan# 32

Delta R.T. -0.000 min

Lab File: VU061800.D

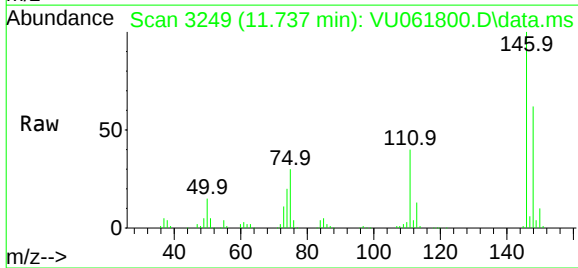
Acq: 17 Nov 2024 21:41

Instrument :

MSVOA_U

ClientSampleId :

E29S4MSD



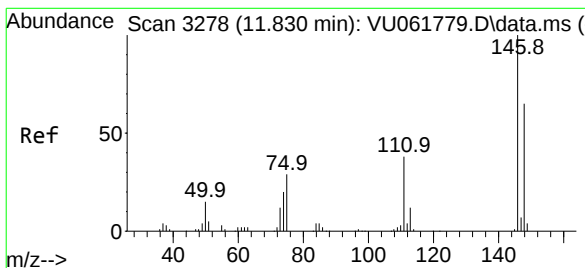
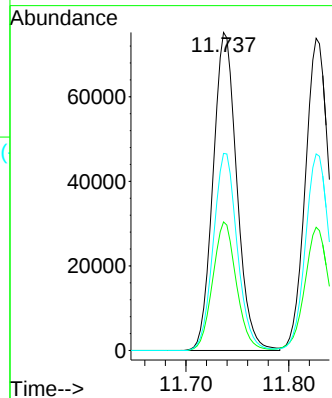
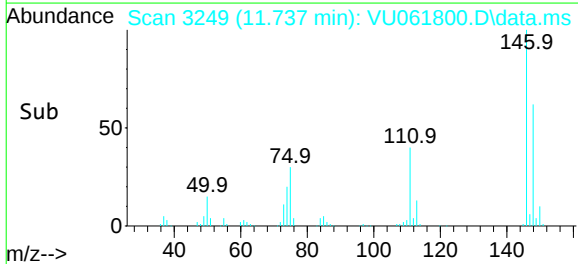
Tgt Ion:146 Resp: 120789

Ion Ratio Lower Upper

146 100

111 40.4 29.3 54.3

148 61.9 44.5 82.7



#65

1,4-Dichlorobenzene

Concen: 4.662 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.003 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

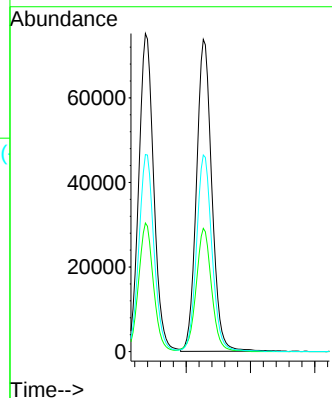
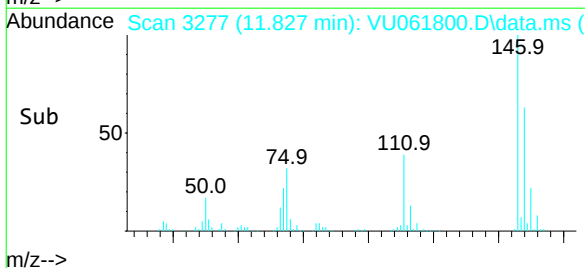
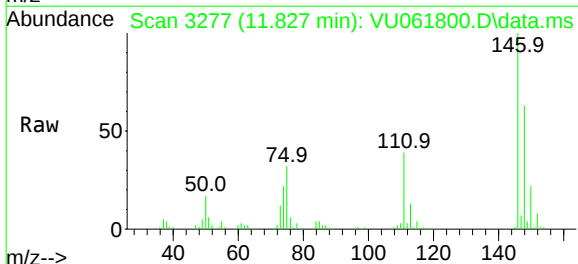
Tgt Ion:146 Resp: 122560

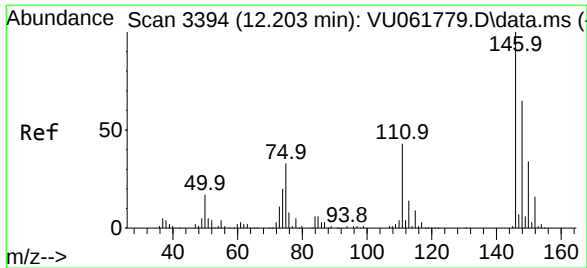
Ion Ratio Lower Upper

146 100

111 39.5 28.8 53.4

148 63.0 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 4.772 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU061800.D

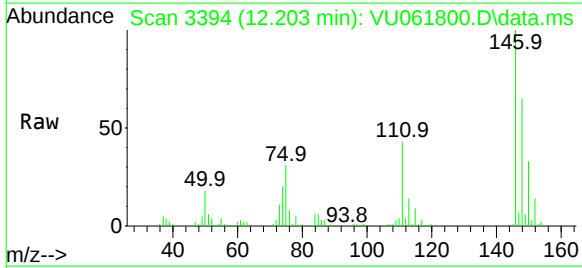
Acq: 17 Nov 2024 21:41

Instrument :

MSVOA_U

ClientSampleId :

E29S4MSD



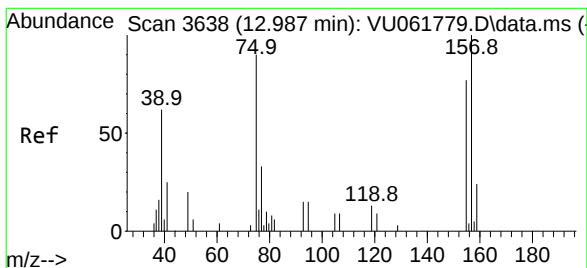
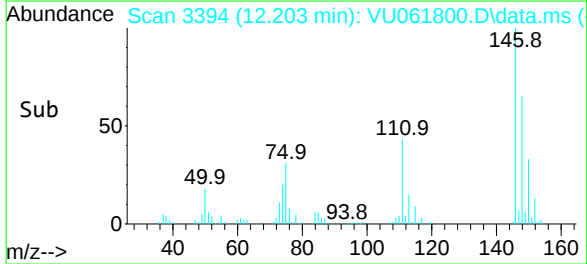
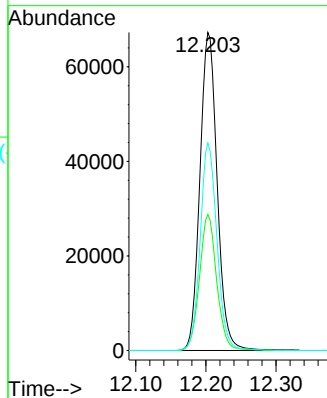
Tgt Ion:146 Resp: 114888

Ion Ratio Lower Upper

146 100

111 42.7 35.2 52.8

148 65.2 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.262 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

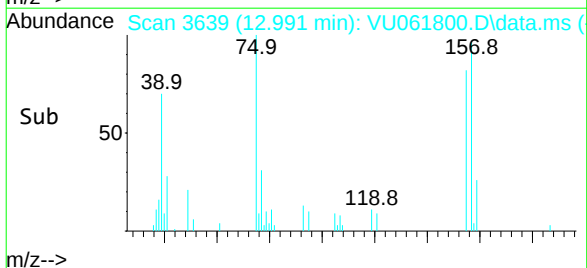
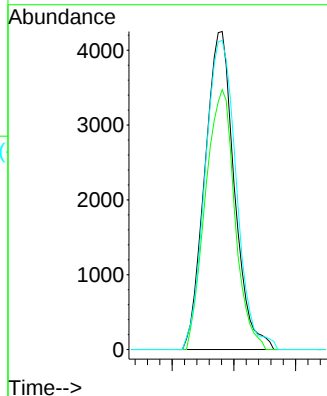
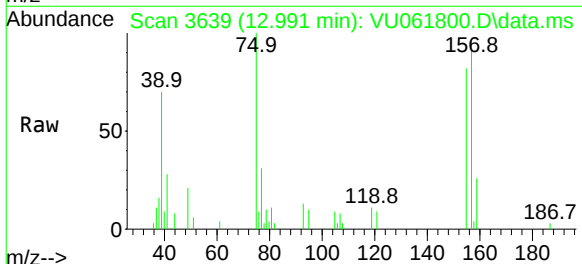
Tgt Ion: 75 Resp: 7045

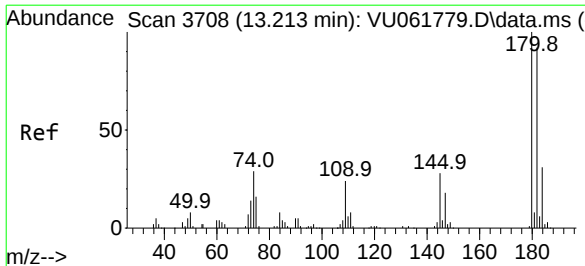
Ion Ratio Lower Upper

75 100

155 81.7 62.6 93.8

157 97.2 84.9 127.3





#69

1,3,5-Trichlorobenzene

Concen: 4.369 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. -0.000 min

Lab File: VU061800.D

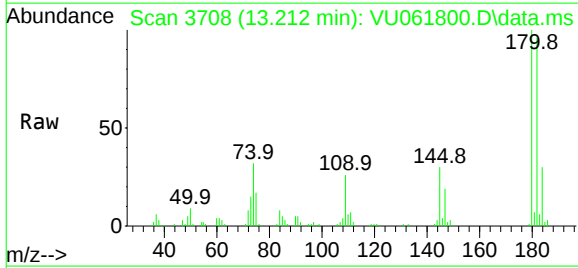
Acq: 17 Nov 2024 21:41

Instrument :

MSVOA_U

ClientSampleId :

E29S4MSD



Tgt Ion:180 Resp: 78975

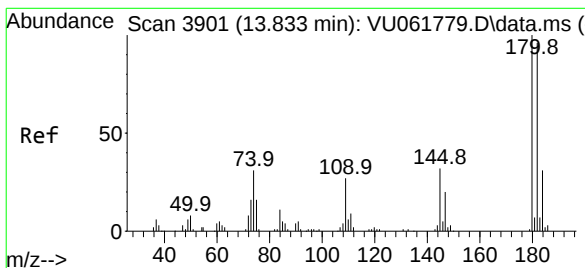
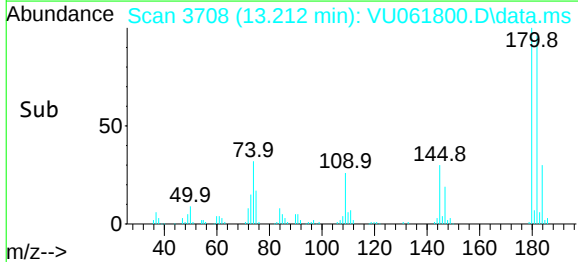
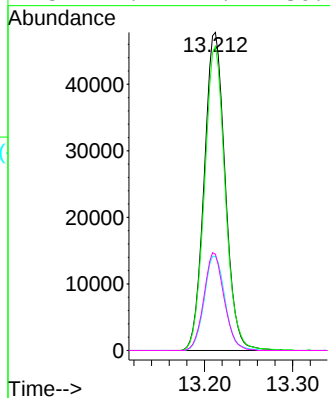
Ion Ratio Lower Upper

180 100

182 94.7 77.1 115.7

184 29.6 24.7 37.1

145 29.7 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 4.632 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

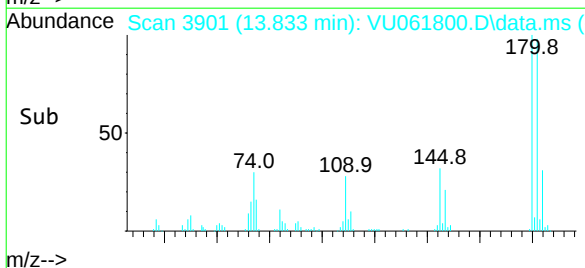
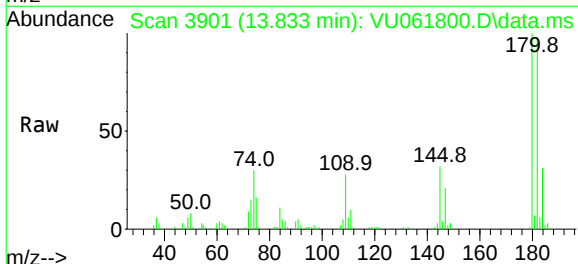
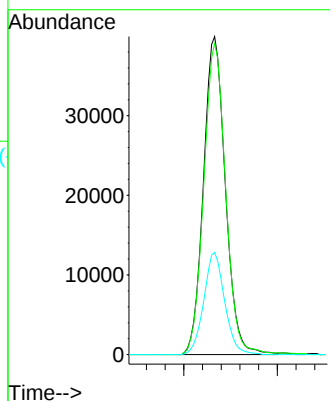
Tgt Ion:180 Resp: 64885

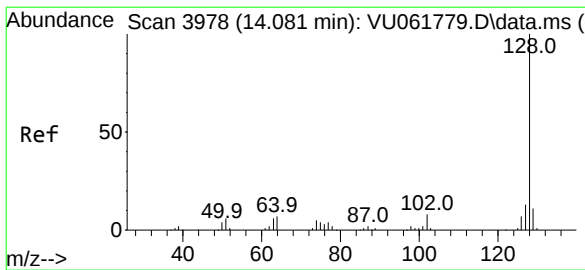
Ion Ratio Lower Upper

180 100

182 98.2 77.4 116.0

145 30.7 24.5 36.7





#71

Naphthalene

Concen: 5.206 ug/L

RT: 14.081 min Scan# 39

Delta R.T. -0.000 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

Instrument :

MSVOA_U

ClientSampleId :

E29S4MSD

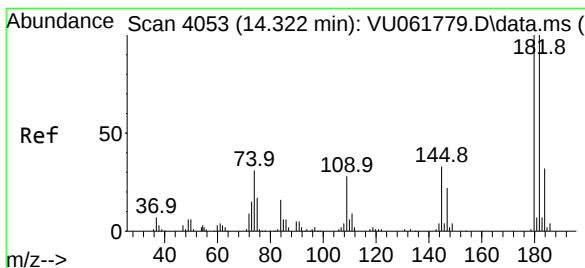
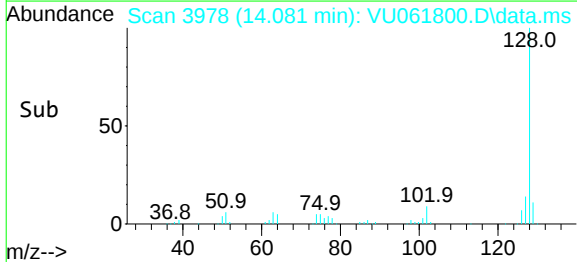
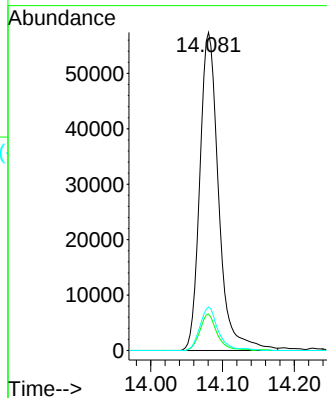
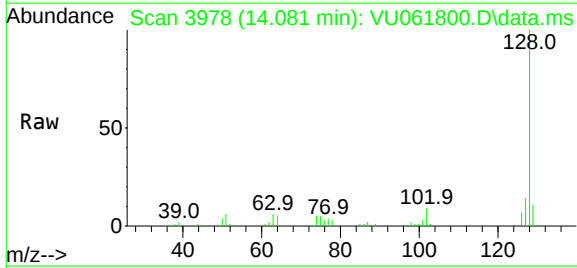
Tgt Ion:128 Resp: 104708

Ion Ratio Lower Upper

128 100

129 10.5 8.5 12.7

127 13.0 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.063 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

Tgt Ion:180 Resp: 59542

Ion Ratio Lower Upper

180 100

182 94.7 76.6 114.8

145 31.9 26.3 39.5

