

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110824\
 Data File : VU061562.D
 Acq On : 08 Nov 2024 21:04
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 09 00:24:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 09 00:17:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	161193	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	155749	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	76895	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	35099	3.205	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.200%
7) Chloroethane-d5	1.911	69	38423	3.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.560	65	17689	3.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	4.628	46	119493	53.749	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.500%
24) Chloroform-d	5.052	84	100618	4.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.692	65	49140	4.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.718	84	192176	4.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.679	67	59006	4.472	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.888	98	176195	4.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.174	79	20270	3.764	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.627	63	107304	48.645	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.280%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50255	5.037	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	62464	4.587	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	49882	4.642	ug/L	99
3) Chloromethane	1.518	50	46960	4.144	ug/L	98
5) Vinyl chloride	1.602	62	54950	4.410	ug/L	98
6) Bromomethane	1.853	94	30839	3.735	ug/L	95
8) Chloroethane	1.930	64	42098	4.589	ug/L	96
9) Trichlorofluoromethane	2.132	101	83882	4.957	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	49252	4.901	ug/L	96
12) 1,1-Dichloroethene	2.573	96	46463	4.875	ug/L	90
13) Acetone	2.647	43	74405	52.841	ug/L	99
14) Carbon disulfide	2.788	76	119420	3.756	ug/L	99
15) Methyl Acetate	2.956	43	19058	5.466	ug/L	98
16) Methylene chloride	3.036	84	56830	5.060	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	129457	5.012	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	50823	4.823	ug/L	96
19) 1,1-Dichloroethane	3.859	63	103045	5.185	ug/L	99
21) 2-Butanone	4.708	43	118583	53.123	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	61469	5.107	ug/L	99
23) Bromochloromethane	4.965	128	27602	5.450	ug/L	95
25) Chloroform	5.078	83	109880	5.258	ug/L	99

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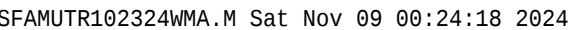
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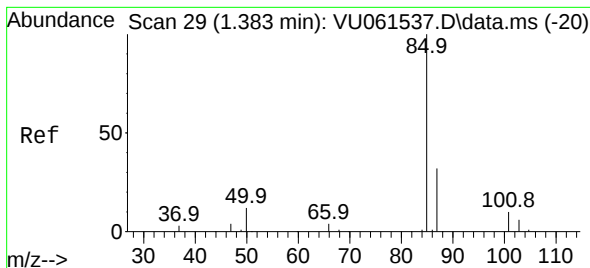
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	68512	5.188	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	87918	4.610	ug/L	99
30) Cyclohexane	5.380	56	78043	4.080	ug/L	99
31) Carbon tetrachloride	5.515	117	74006	4.535	ug/L	99
33) Benzene	5.766	78	237504	4.931	ug/L	100
34) Trichloroethene	6.534	95	62438	4.765	ug/L	98
35) Methylcyclohexane	6.753	83	85274	4.089	ug/L	99
37) 1,2-Dichloropropane	6.782	63	63097	5.168	ug/L	98
38) Bromodichloromethane	7.097	83	72577	4.697	ug/L	96
39) cis-1,3-Dichloropropene	7.598	75	85872	4.554	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	313236	51.548	ug/L	99
42) Toluene	7.962	91	252654	4.830	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	68245	4.442	ug/L	100
45) 1,1,2-Trichloroethane	8.389	97	47359	5.390	ug/L	99
47) Tetrachloroethene	8.544	164	44876	4.904	ug/L	96
48) 2-Hexanone	8.676	43	231513	53.878	ug/L	100
49) Dibromochloromethane	8.801	129	47516	4.768	ug/L	99
50) 1,2-Dibromoethane	8.914	107	43750	5.125	ug/L	95
51) Chlorobenzene	9.438	112	164690	4.981	ug/L	99
52) Ethylbenzene	9.563	91	270095	4.694	ug/L	100
53) m,p-Xylene	9.685	106	104112	4.750	ug/L	97
54) o-Xylene	10.094	106	102368	4.732	ug/L	98
55) Styrene	10.106	104	167478	4.829	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	57722	5.452	ug/L	99
59) Bromoform	10.283	173	24291	4.268	ug/L	99
60) Isopropylbenzene	10.476	105	270241	4.601	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	39499	5.157	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	209725	4.386	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	209275	4.427	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	121885	4.930	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	119994	4.761	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	114229	4.909	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	7141	4.440	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	83015	4.899	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	66439	4.858	ug/L	97
71) Naphthalene	14.081	128	96886	4.490	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	56476	4.936	ug/L	99

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

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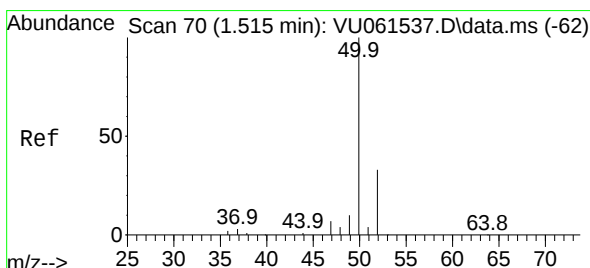
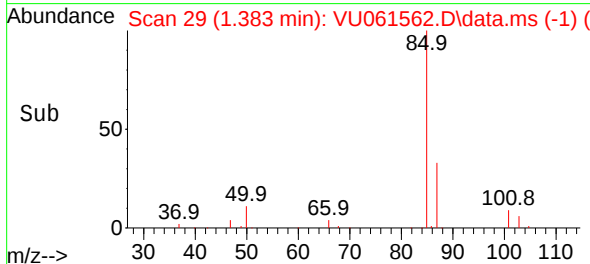
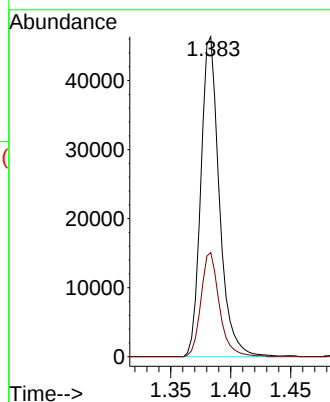
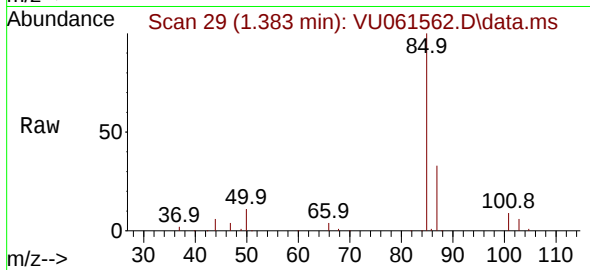




#2
 Dichlorodifluoromethane
 Concen: 4.642 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU061562.D
 Acq: 08 Nov 2024 21:04

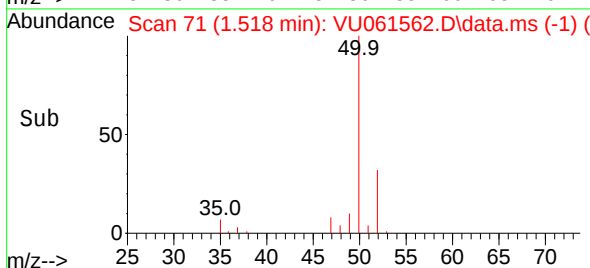
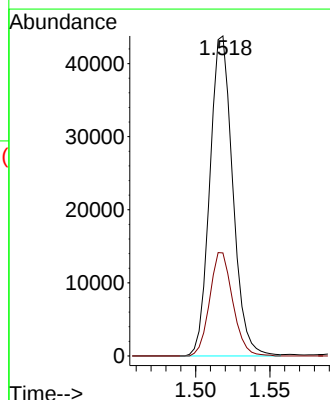
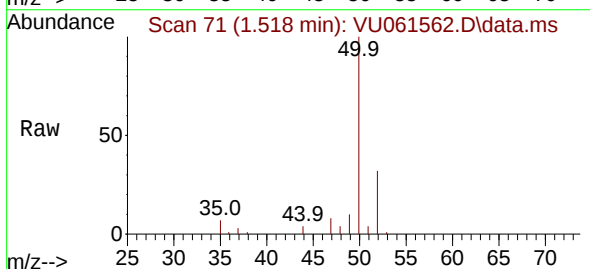
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 ClientSampleId :

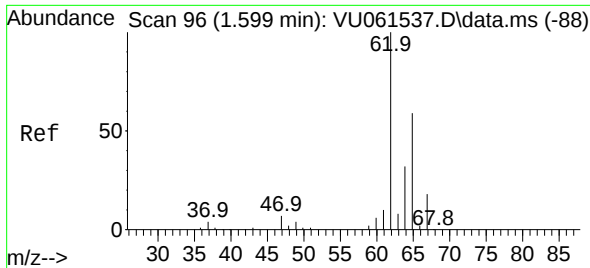
Tgt Ion: 85 Resp: 49882
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.7 38.5



#3
 Chloromethane
 Concen: 4.144 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU061562.D
 Acq: 08 Nov 2024 21:04

Tgt Ion: 50 Resp: 46960
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.4 43.4

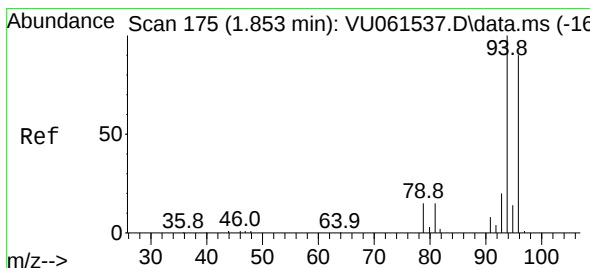
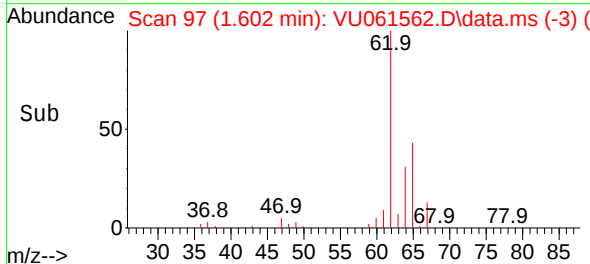
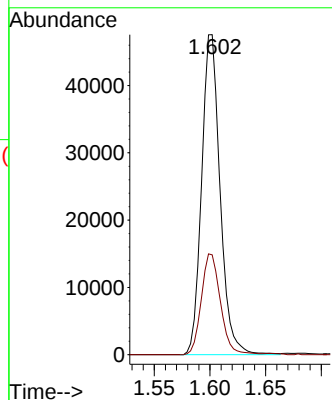
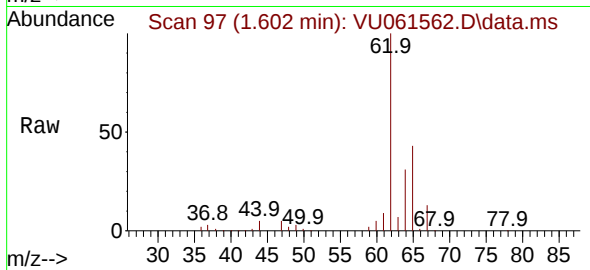




#5
 Vinyl chloride
 Concen: 4.410 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU061562.D
 Acq: 08 Nov 2024 21:04

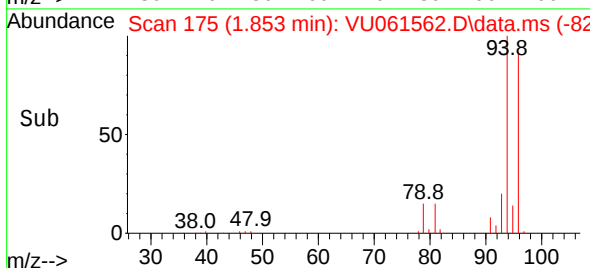
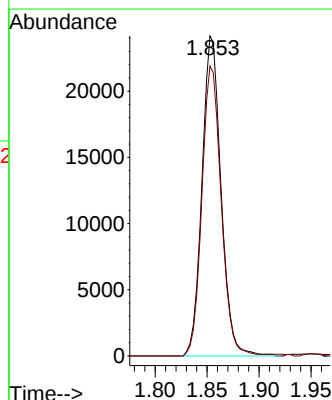
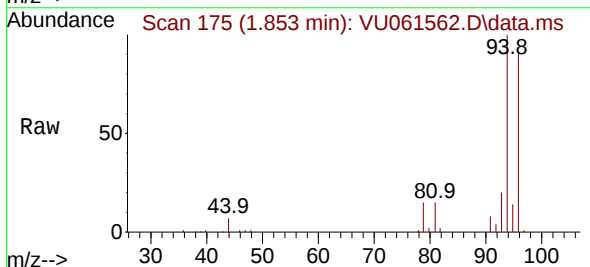
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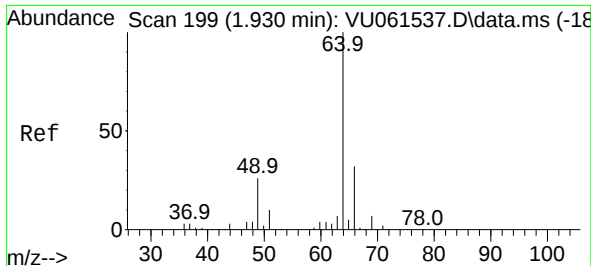
Tgt Ion: 62 Resp: 54950
 Ion Ratio Lower Upper
 62 100
 64 31.2 22.6 42.0



#6
 Bromomethane
 Concen: 3.735 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU061562.D
 Acq: 08 Nov 2024 21:04

Tgt Ion: 94 Resp: 30839
 Ion Ratio Lower Upper
 94 100
 96 90.6 66.9 124.3

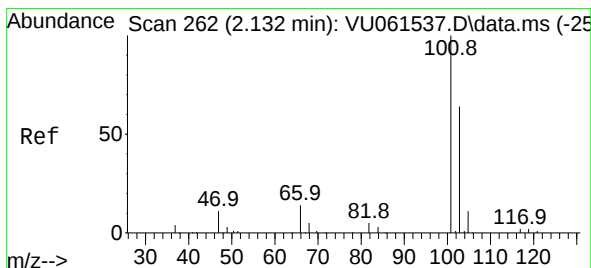
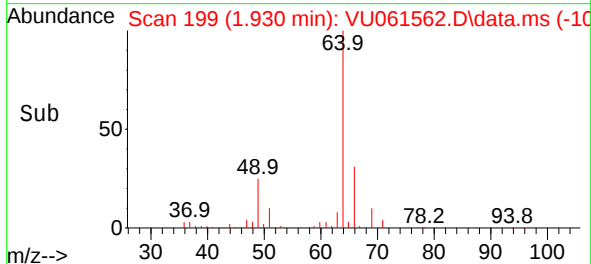
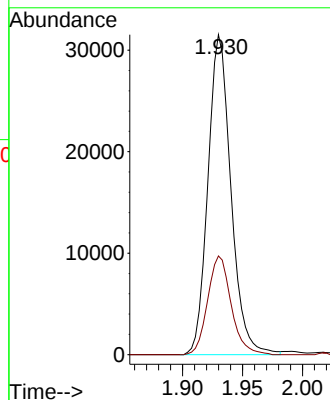
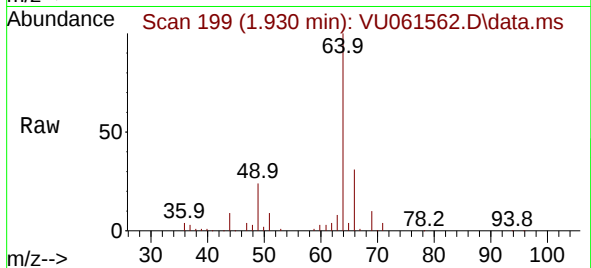




#8
Chloroethane
Concen: 4.589 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

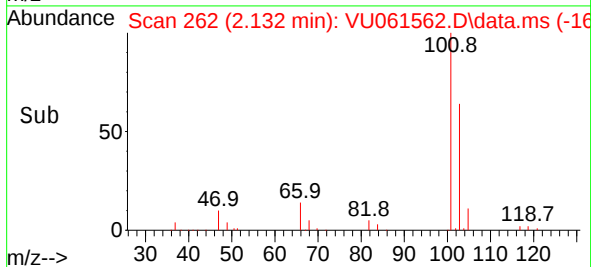
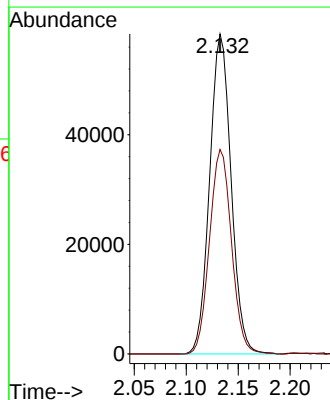
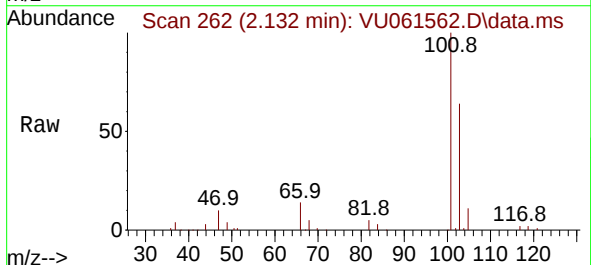
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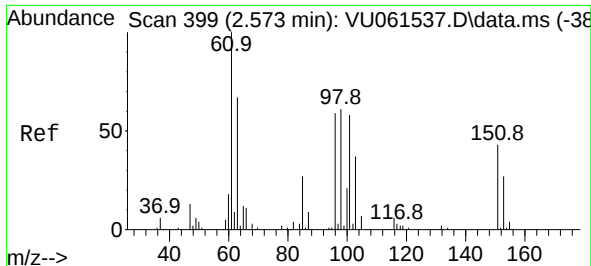
Tgt Ion: 64 Resp: 42098
Ion Ratio Lower Upper
64 100
66 30.8 23.1 42.9



#9
Trichlorofluoromethane
Concen: 4.957 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

Tgt Ion:101 Resp: 83882
Ion Ratio Lower Upper
101 100
103 65.4 50.6 75.8

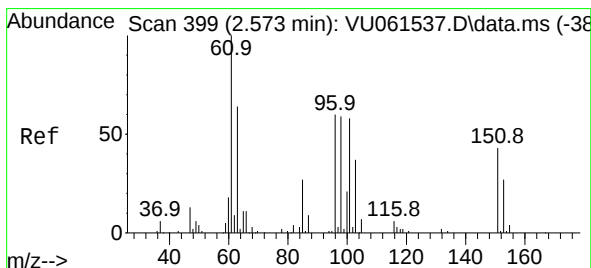
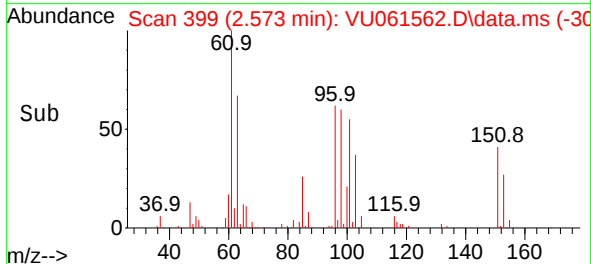
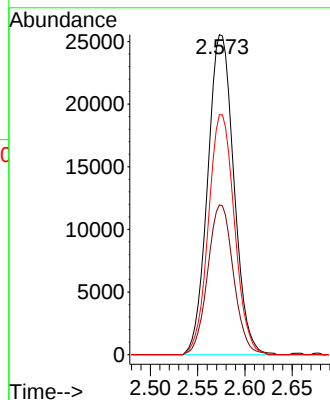
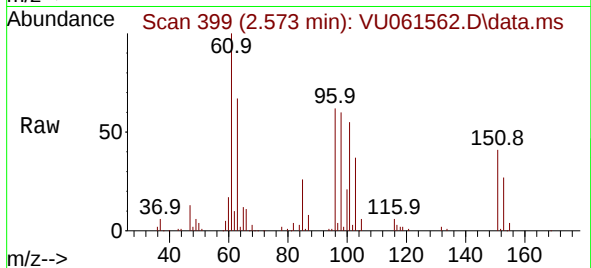




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.901 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061562.D
 Acq: 08 Nov 2024 21:04

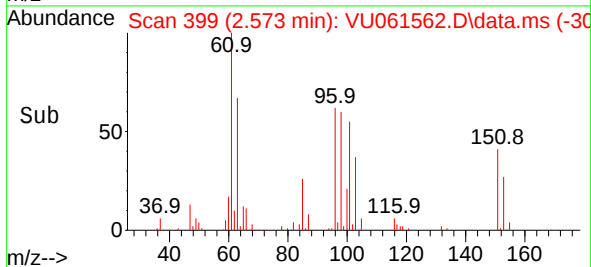
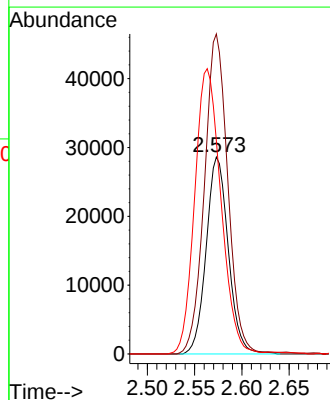
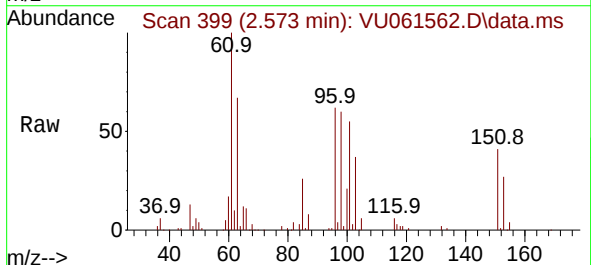
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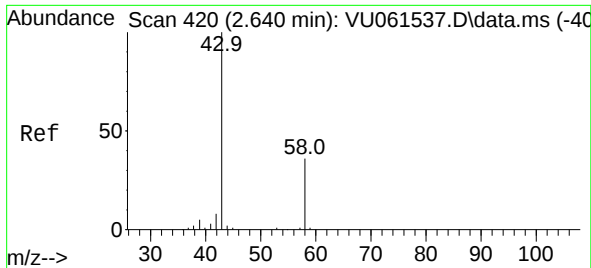
Tgt Ion:101 Resp: 49252
 Ion Ratio Lower Upper
 101 100
 85 46.0 35.6 53.4
 151 74.6 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 4.875 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061562.D
 Acq: 08 Nov 2024 21:04

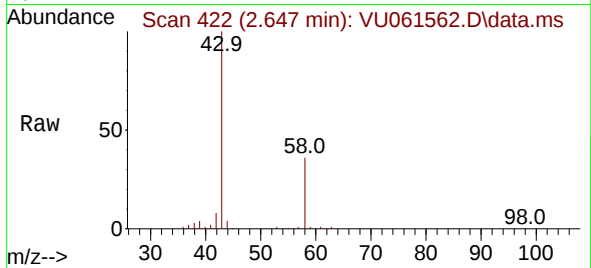
Tgt Ion: 96 Resp: 46463
 Ion Ratio Lower Upper
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 61 162.4 119.1 221.1
 63 108.2 89.4 166.0



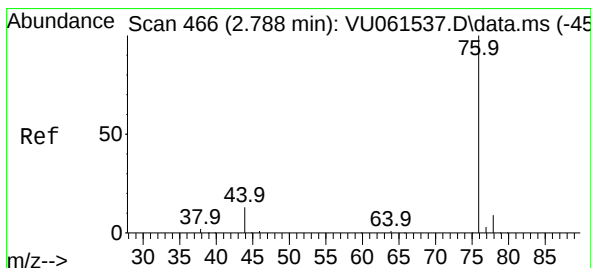
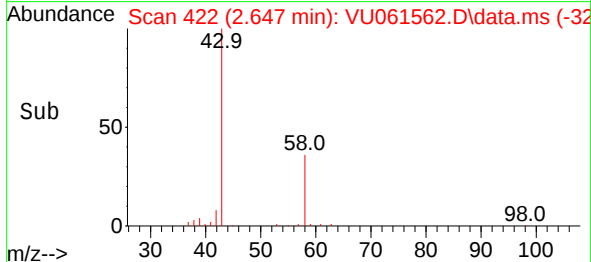
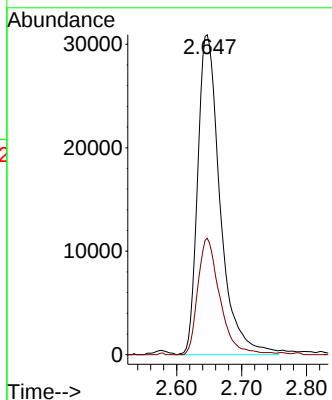


#13
Acetone
Concen: 52.841 ug/L
RT: 2.647 min Scan# 41
Delta R.T. 0.006 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

Instrument :
MSVOA_U
ClientSampleId :

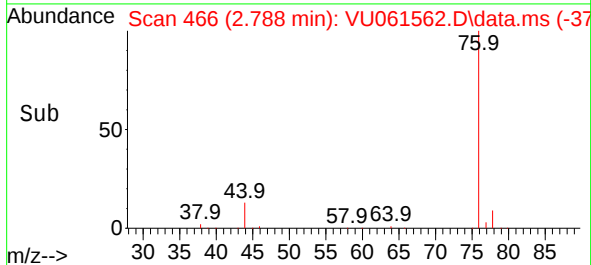
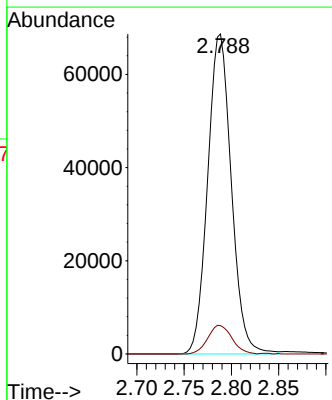
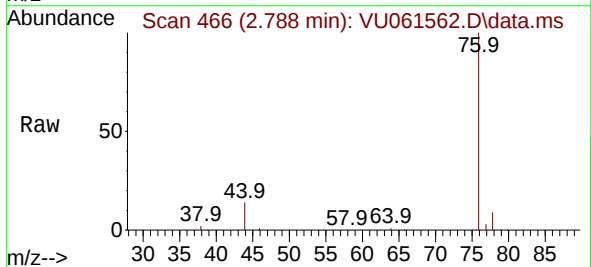


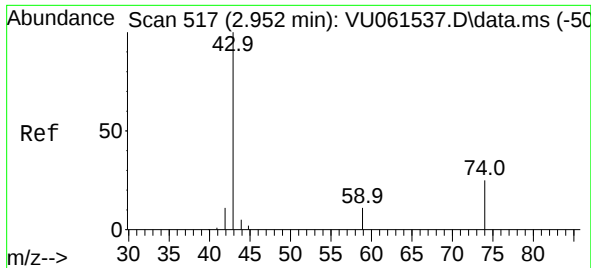
Tgt Ion: 43 Resp: 74405
Ion Ratio Lower Upper
43 100
58 35.8 0.0 73.2



#14
Carbon disulfide
Concen: 3.756 ug/L
RT: 2.788 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

Tgt Ion: 76 Resp: 119420
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2





#15

Methyl Acetate

Concen: 5.466 ug/L

RT: 2.956 min Scan# 517

Delta R.T. 0.003 min

Lab File: VU061562.D

Acq: 08 Nov 2024 21:04

Instrument :

MSVOA_U

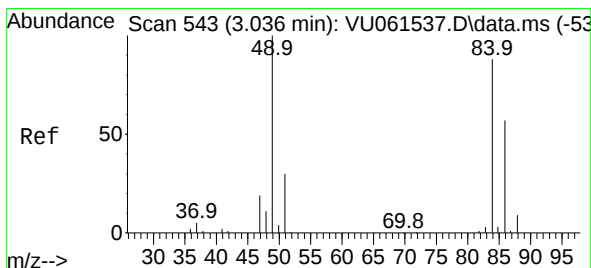
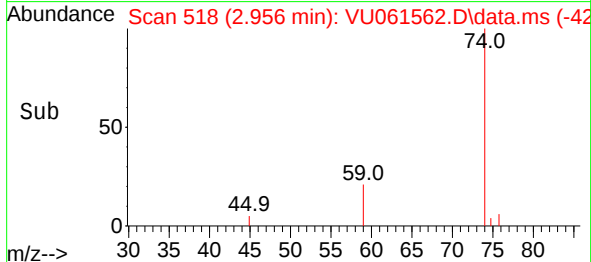
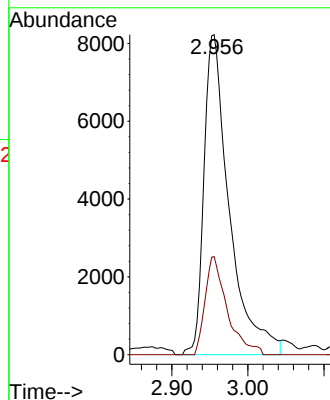
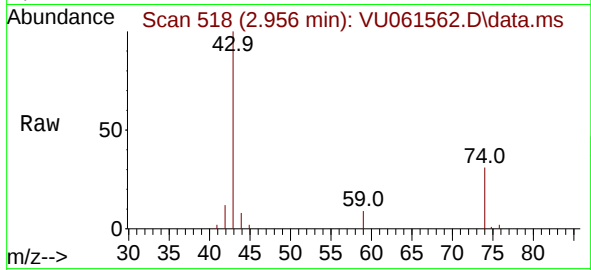
ClientSampleId :

Tgt Ion: 43 Resp: 19058

Ion Ratio Lower Upper

43 100

74 26.7 22.2 33.4



#16

Methylene chloride

Concen: 5.060 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU061562.D

Acq: 08 Nov 2024 21:04

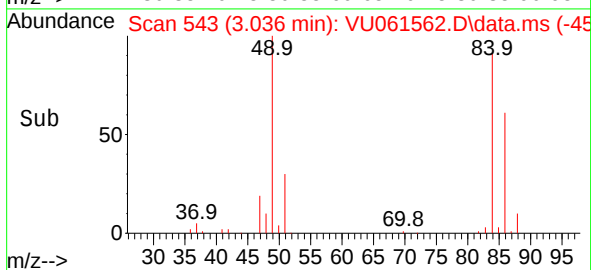
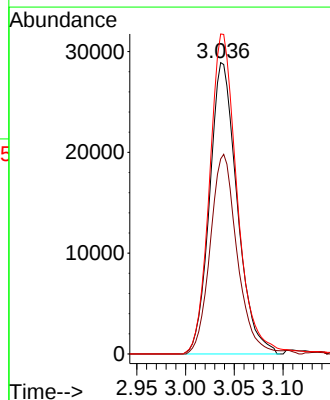
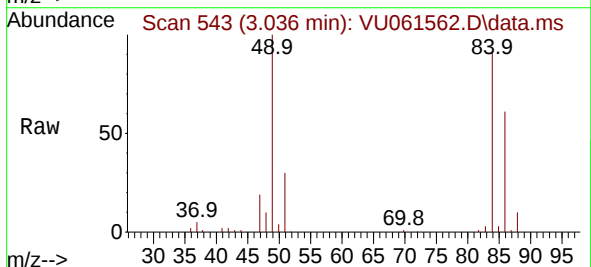
Tgt Ion: 84 Resp: 56830

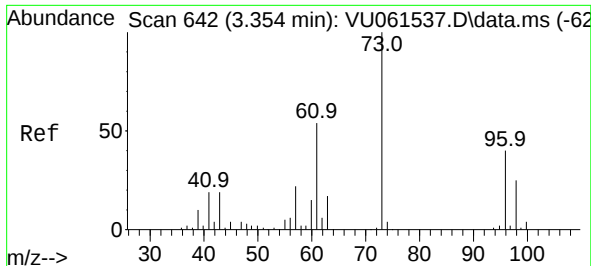
Ion Ratio Lower Upper

84 100

86 67.0 43.5 80.7

49 109.9 75.7 140.7

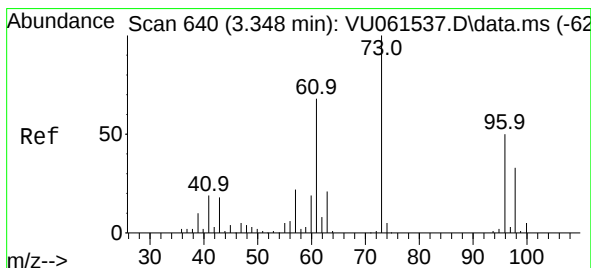
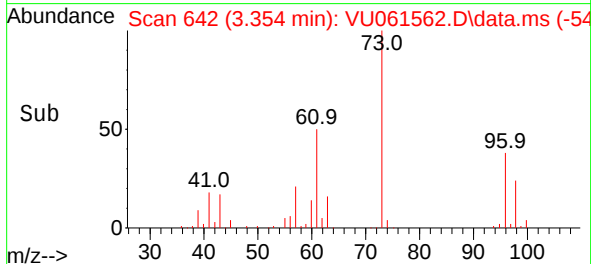
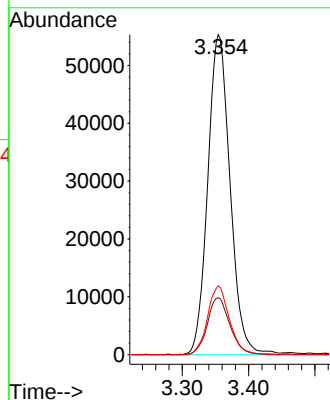
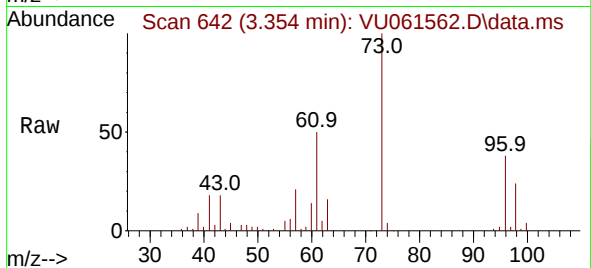




#17
Methyl tert-butyl Ether
Concen: 5.012 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

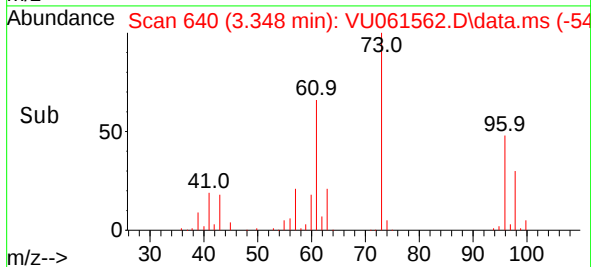
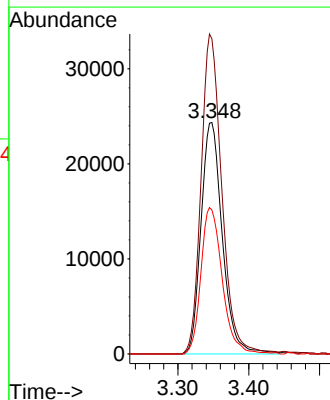
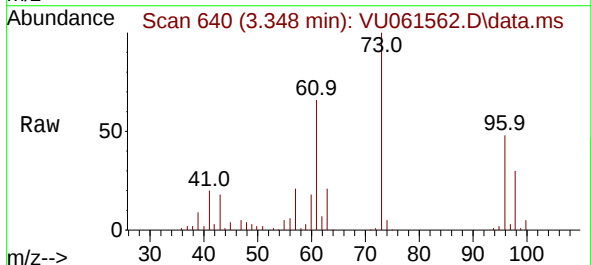
Instrument :
MSVOA_U
ClientSampleId :

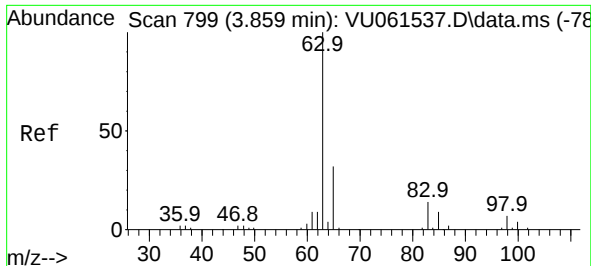
Tgt Ion: 73 Resp: 129457
Ion Ratio Lower Upper
73 100
43 18.0 15.0 22.4
57 21.0 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.823 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

Tgt Ion: 96 Resp: 50823
Ion Ratio Lower Upper
96 100
61 136.2 97.9 181.7
98 62.2 46.2 85.8

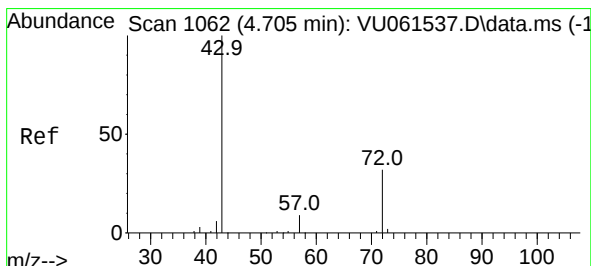
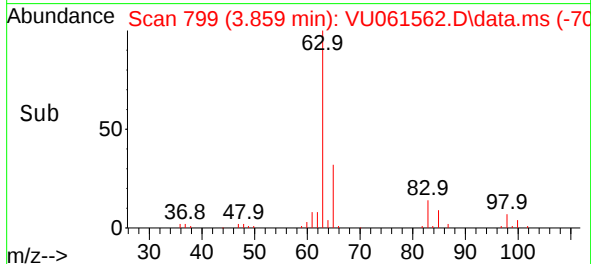
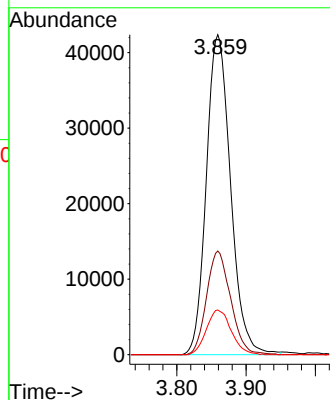
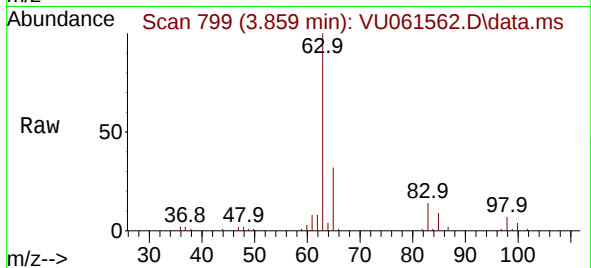




#19
1,1-Dichloroethane
Concen: 5.185 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

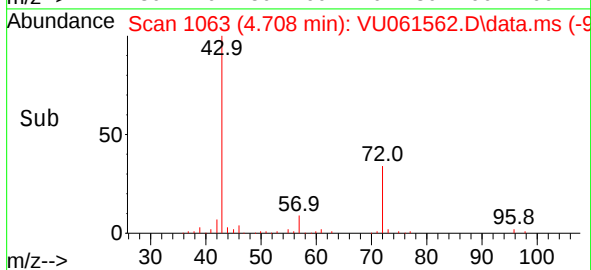
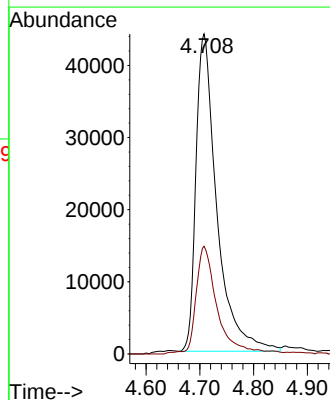
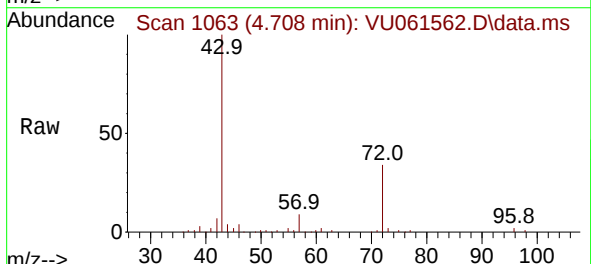
Instrument :
MSVOA_U
ClientSampleId :

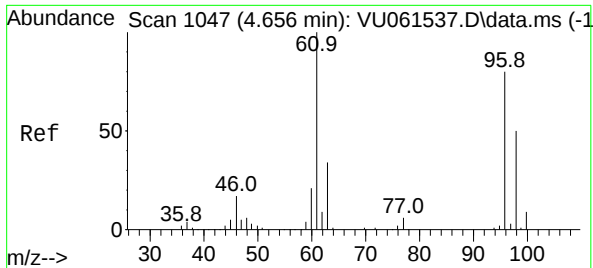
Tgt Ion: 63 Resp: 103045
Ion Ratio Lower Upper
63 100
65 32.4 23.0 42.6
83 14.0 9.7 17.9



#21
2-Butanone
Concen: 53.123 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

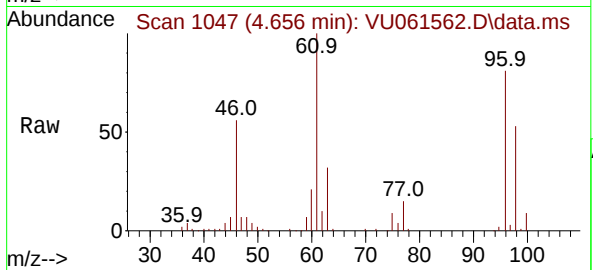
Tgt Ion: 43 Resp: 118583
Ion Ratio Lower Upper
43 100
72 33.5 15.9 47.6





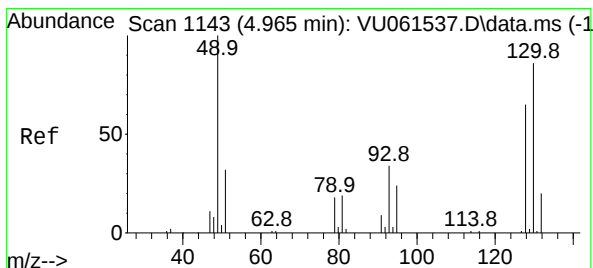
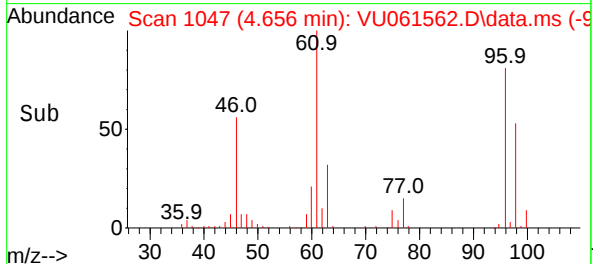
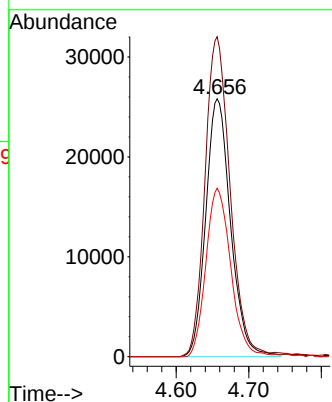
#22
cis-1,2-Dichloroethene
Concen: 5.107 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 61469

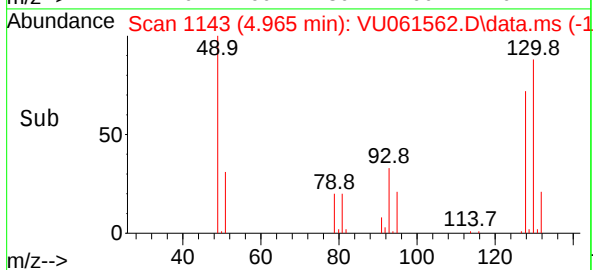
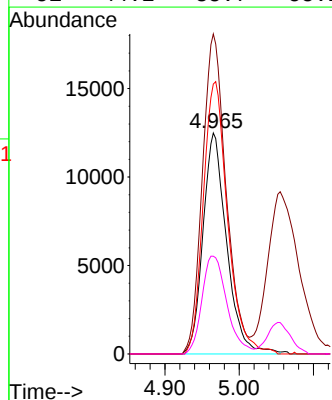
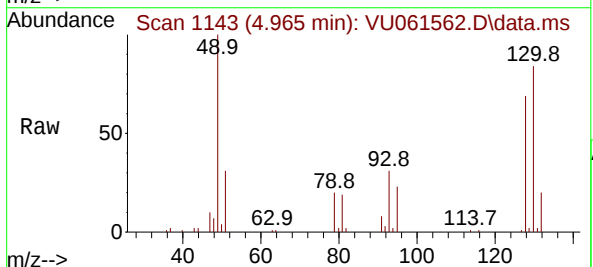
Ion	Ratio	Lower	Upper
96	100		
61	124.1	88.1	163.5
98	65.3	45.0	83.6

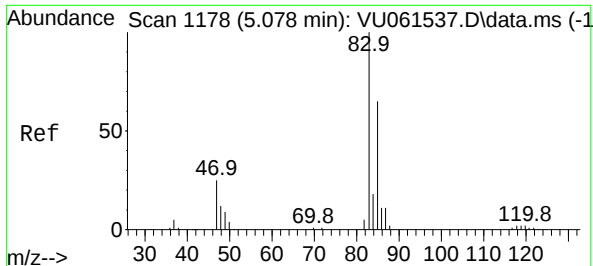


#23
Bromochloromethane
Concen: 5.450 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

Tgt Ion: 128 Resp: 27602

Ion	Ratio	Lower	Upper
128	100		
49	144.8	105.1	195.1
130	122.1	89.6	166.4
51	44.2	38.7	58.1

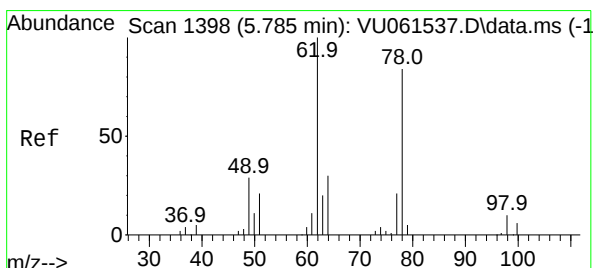
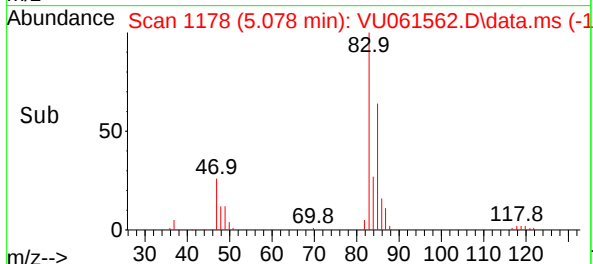
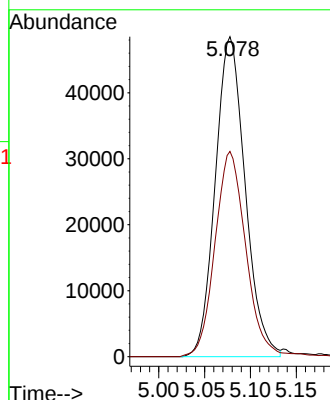
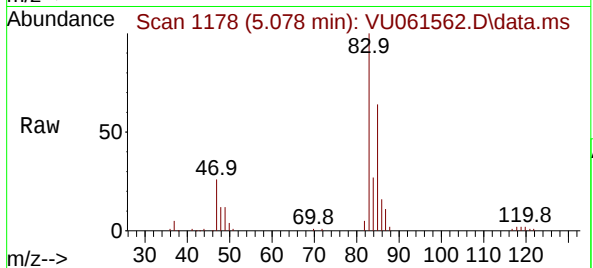




#25
Chloroform
Concen: 5.258 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

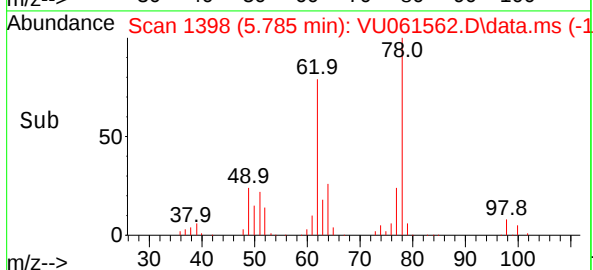
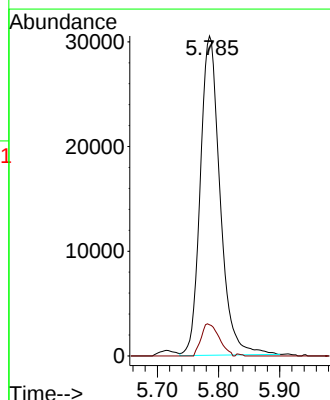
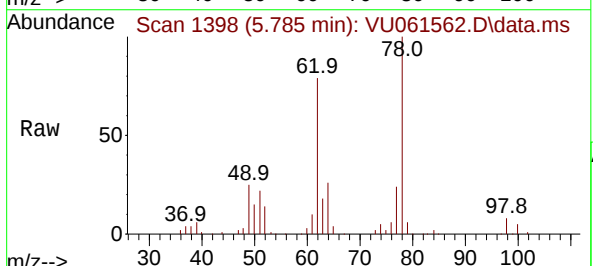
Instrument :
MSVOA_U
ClientSampleId :

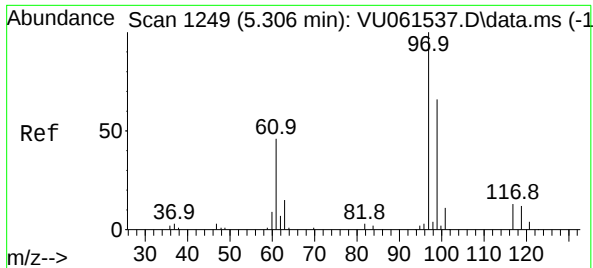
Tgt Ion: 83 Resp: 109880
Ion Ratio Lower Upper
83 100
85 64.2 45.6 84.6



#27
1,2-Dichloroethane
Concen: 5.188 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

Tgt Ion: 62 Resp: 68512
Ion Ratio Lower Upper
62 100
98 9.7 7.4 11.0

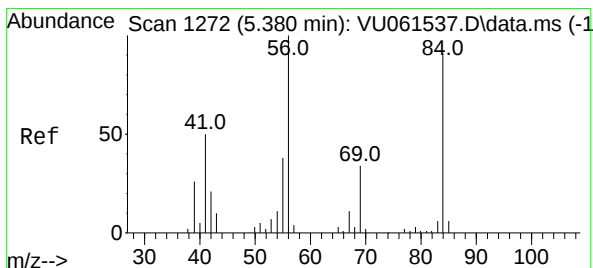
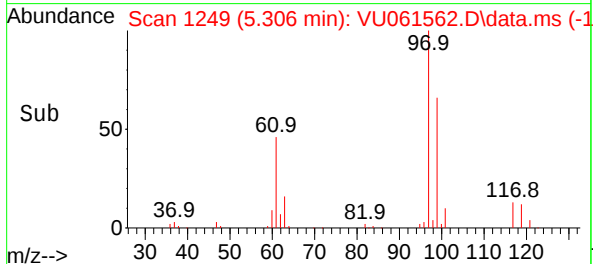
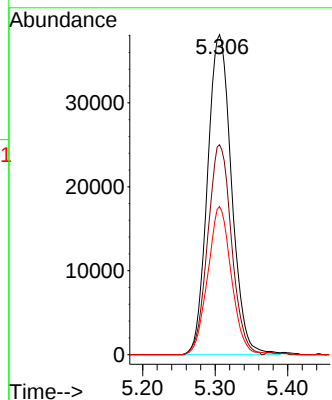
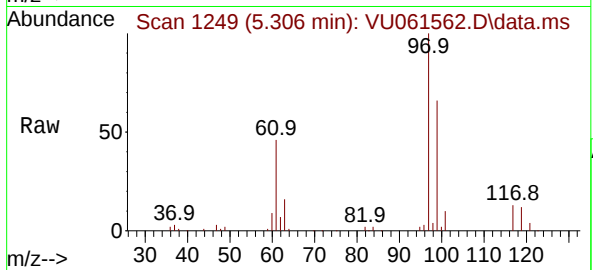




#29
1,1,1-Trichloroethane
Concen: 4.610 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

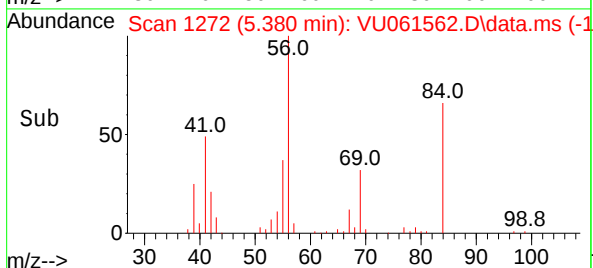
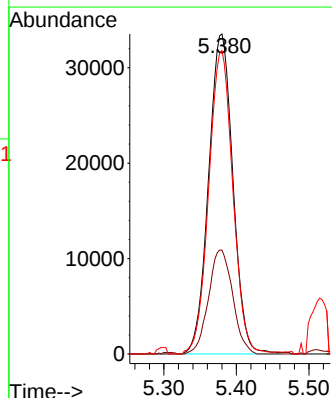
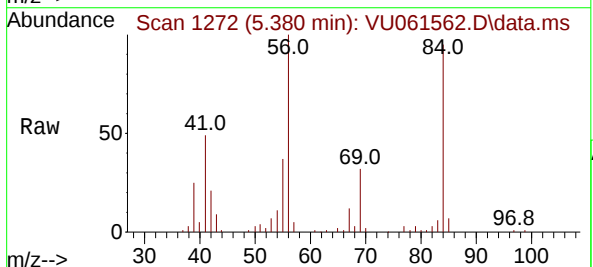
Instrument :
MSVOA_U
ClientSampleId :

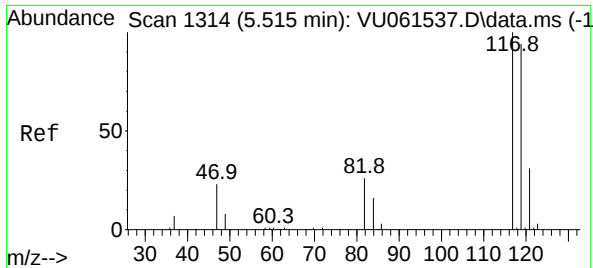
Tgt Ion: 97 Resp: 87918
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 45.6 36.1 54.1



#30
Cyclohexane
Concen: 4.080 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

Tgt Ion: 56 Resp: 78043
Ion Ratio Lower Upper
56 100
69 32.4 25.8 38.6
84 93.9 73.9 110.9

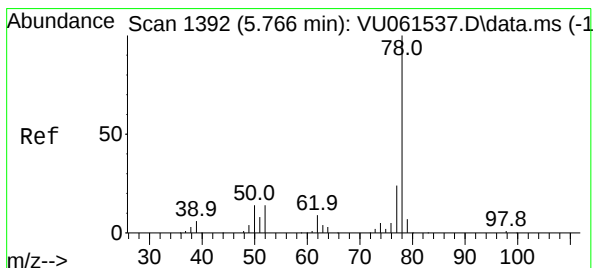
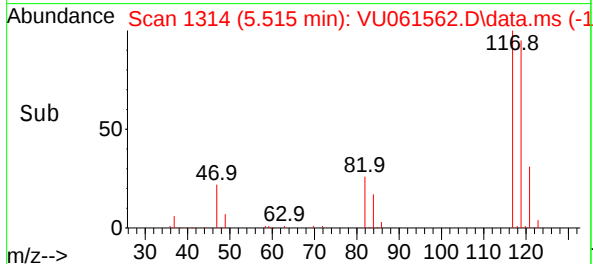
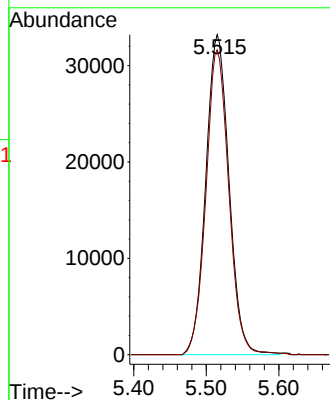
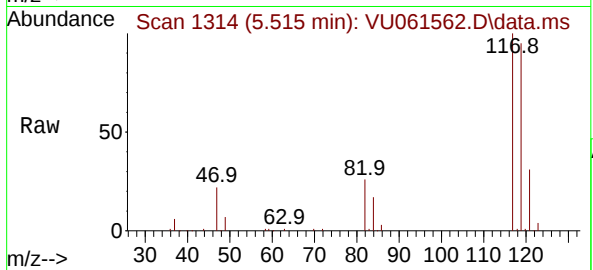




#31
Carbon tetrachloride
Concen: 4.535 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

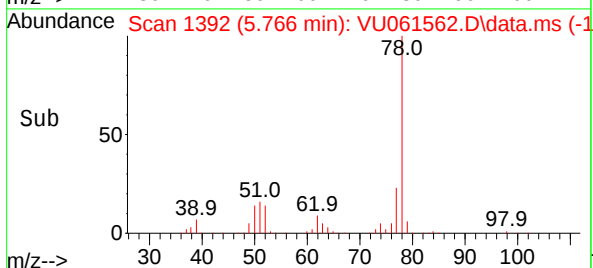
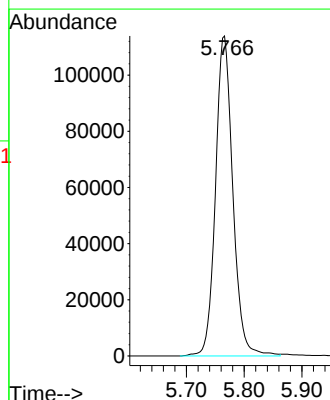
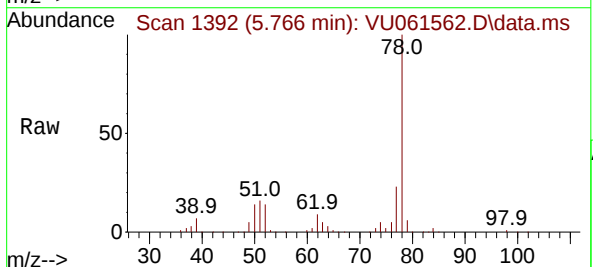
Instrument :
MSVOA_U
ClientSampleId :

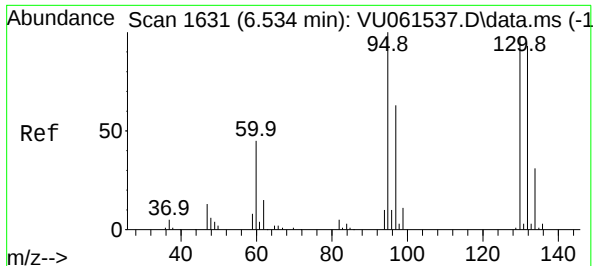
Tgt Ion:117 Resp: 74006
Ion Ratio Lower Upper
117 100
119 93.7 75.5 113.3



#33
Benzene
Concen: 4.931 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

Tgt Ion: 78 Resp: 237504

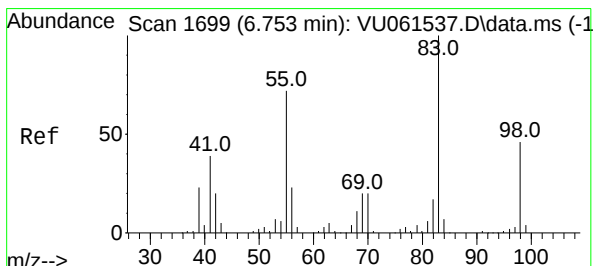
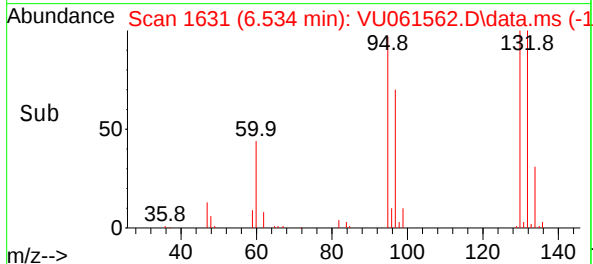
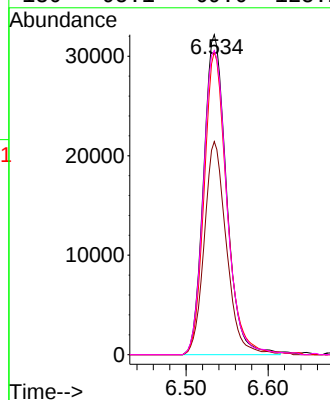
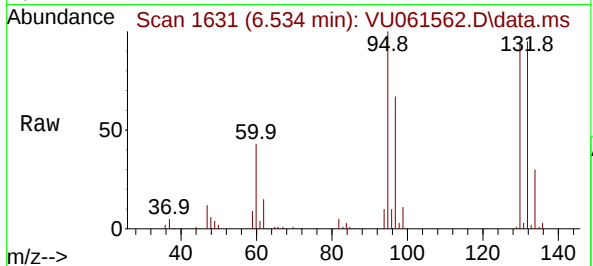




#34
Trichloroethene
Concen: 4.765 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

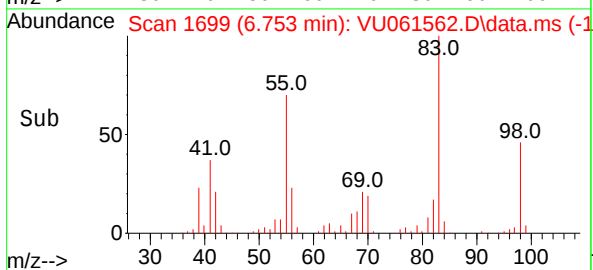
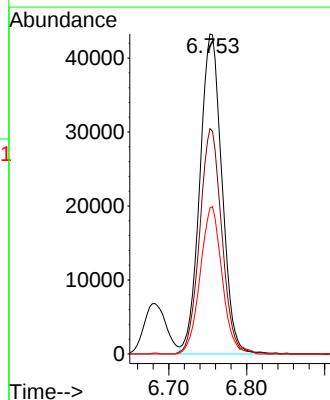
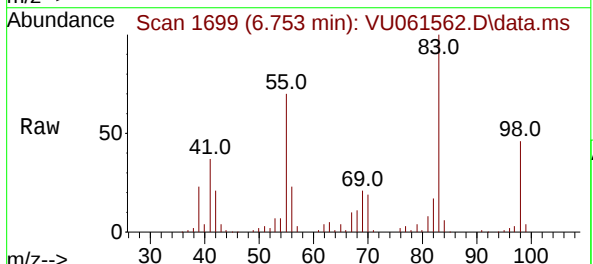
Instrument :
MSVOA_U
ClientSampleId :

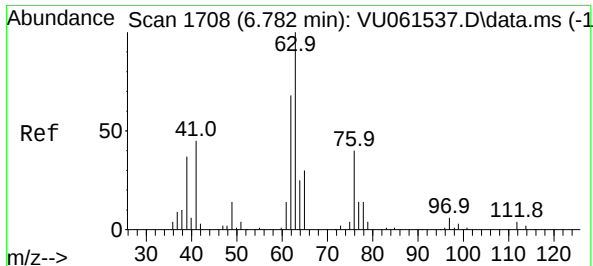
Tgt Ion: 95 Resp: 62438
Ion Ratio Lower Upper
95 100
97 66.6 46.1 85.7
132 94.6 66.1 122.7
130 95.1 69.0 128.2



#35
Methylcyclohexane
Concen: 4.089 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

Tgt Ion: 83 Resp: 85274
Ion Ratio Lower Upper
83 100
55 70.2 55.9 83.9
98 45.7 35.9 53.9

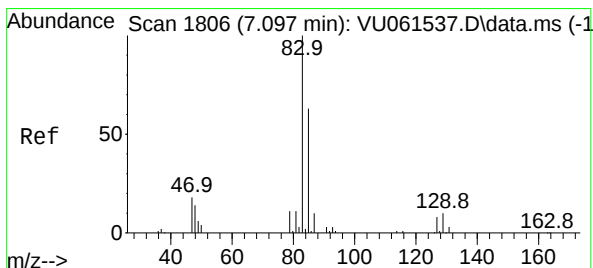
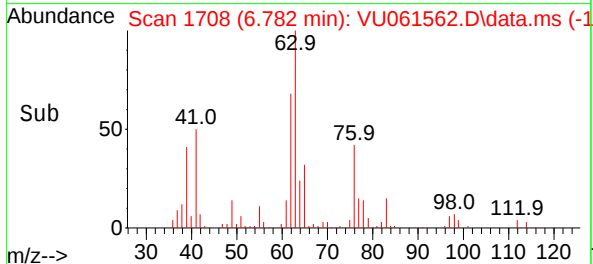
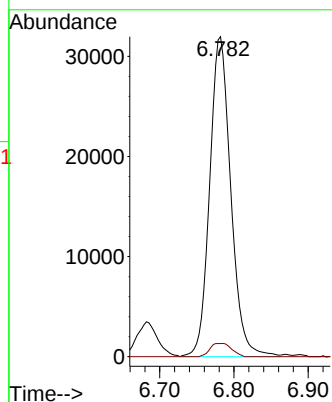
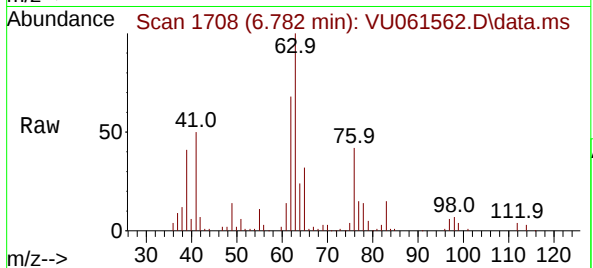




#37
1,2-Dichloropropane
Concen: 5.168 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

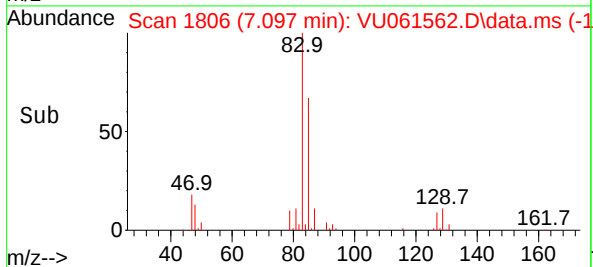
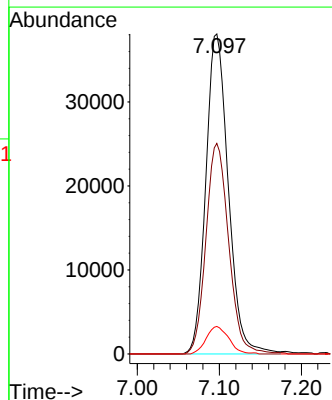
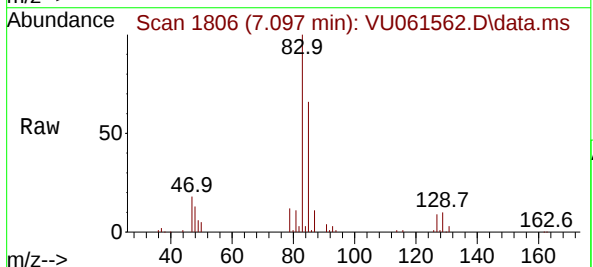
Instrument :
MSVOA_U
ClientSampleId :

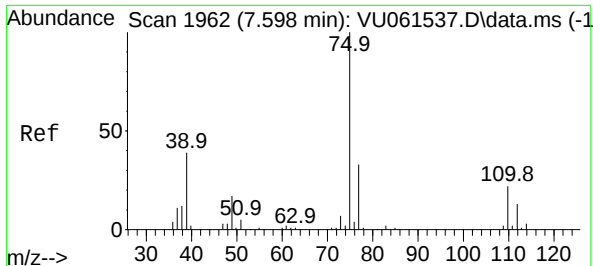
Tgt Ion: 63 Resp: 63097
Ion Ratio Lower Upper
63 100
112 4.2 3.0 4.4



#38
Bromodichloromethane
Concen: 4.697 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

Tgt Ion: 83 Resp: 72577
Ion Ratio Lower Upper
83 100
85 65.8 43.8 81.4
127 8.6 7.4 11.0

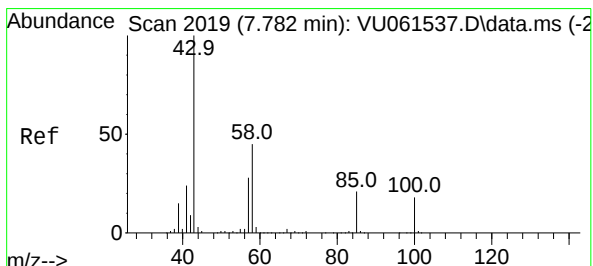
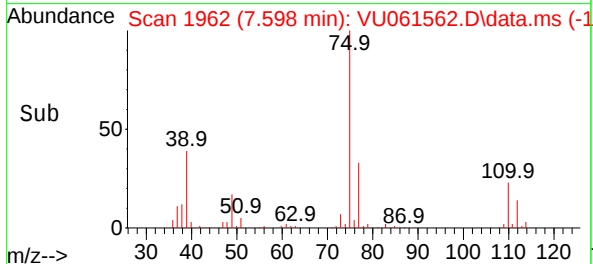
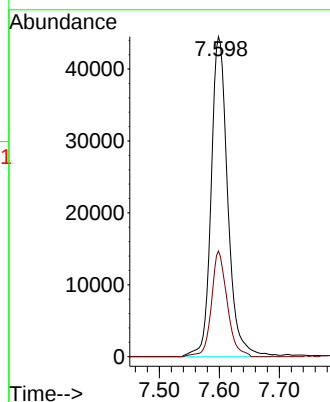
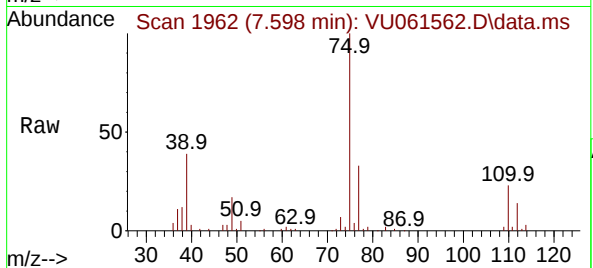




#39
 cis-1,3-Dichloropropene
 Concen: 4.554 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU061562.D
 Acq: 08 Nov 2024 21:04

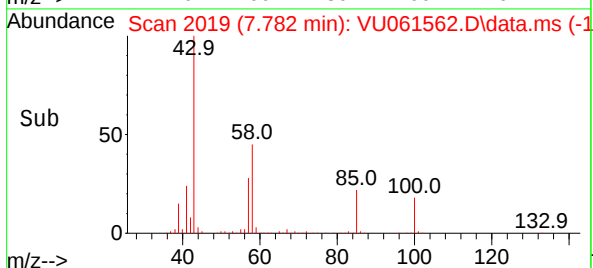
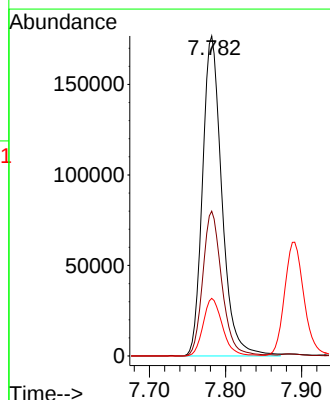
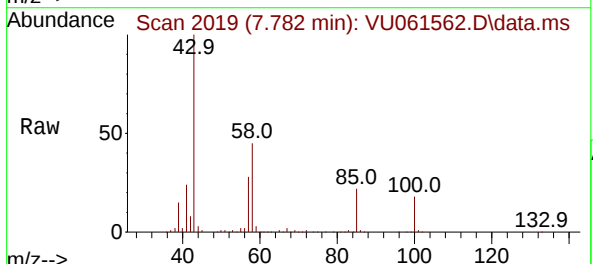
Instrument :
 MSVOA_U
 ClientSampleId :

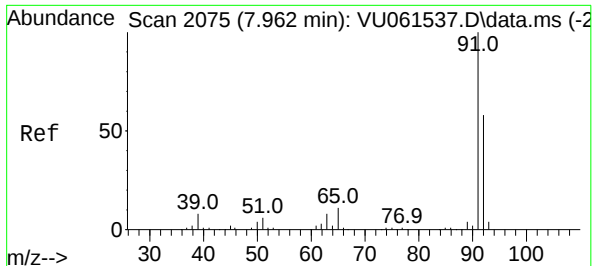
Tgt Ion: 75 Resp: 85872
 Ion Ratio Lower Upper
 75 100
 77 33.1 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 51.548 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU061562.D
 Acq: 08 Nov 2024 21:04

Tgt Ion: 43 Resp: 313236
 Ion Ratio Lower Upper
 43 100
 58 44.8 35.1 52.7
 100 18.0 14.0 21.0





#42

Toluene

Concen: 4.830 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061562.D

Acq: 08 Nov 2024 21:04

Instrument :

MSVOA_U

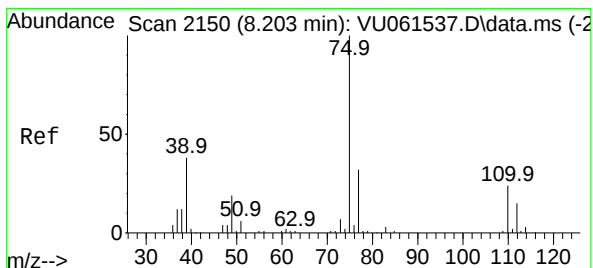
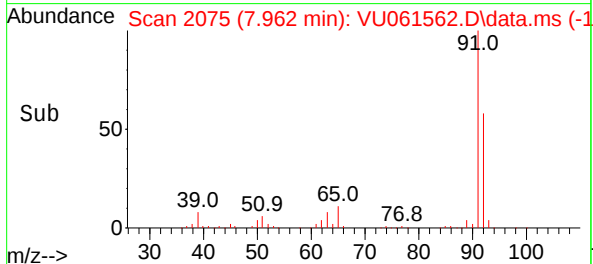
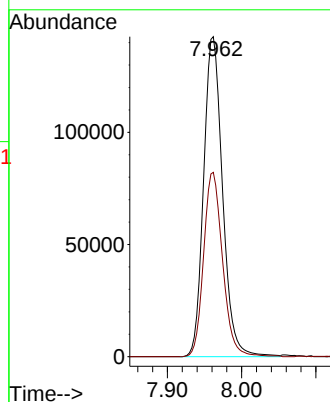
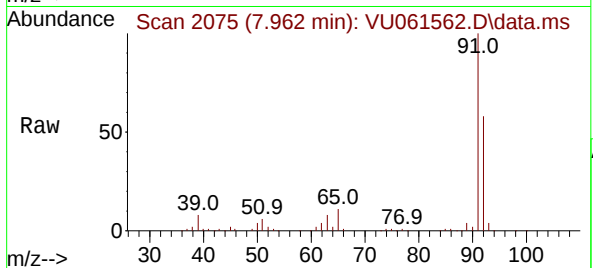
ClientSampleId :

Tgt Ion: 91 Resp: 252654

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.442 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061562.D

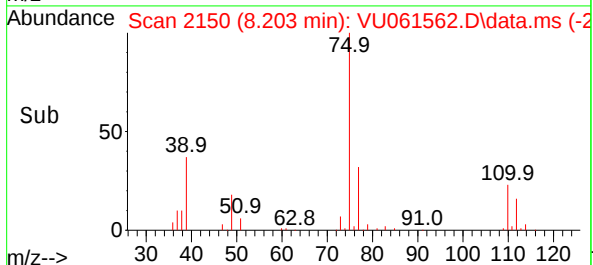
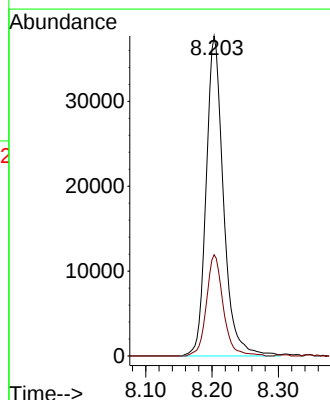
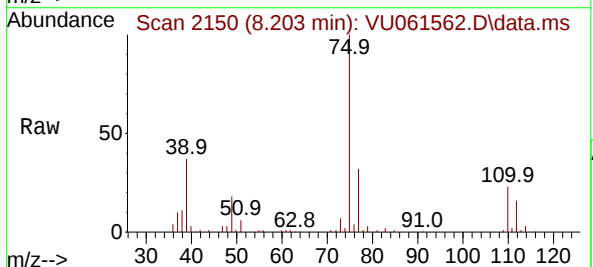
Acq: 08 Nov 2024 21:04

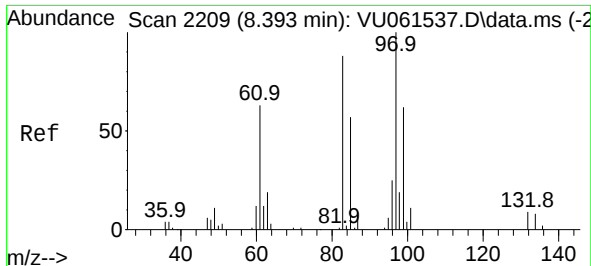
Tgt Ion: 75 Resp: 68245

Ion Ratio Lower Upper

75 100

77 31.6 22.0 40.8



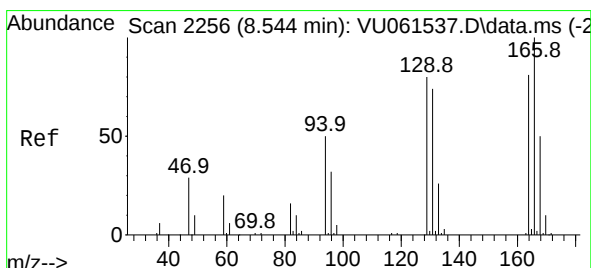
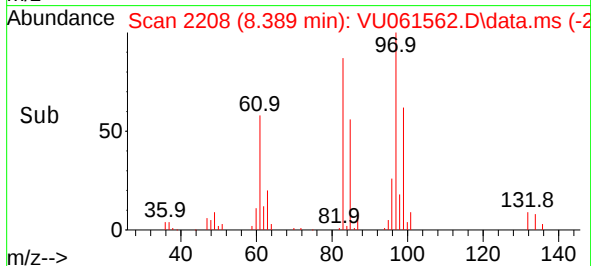
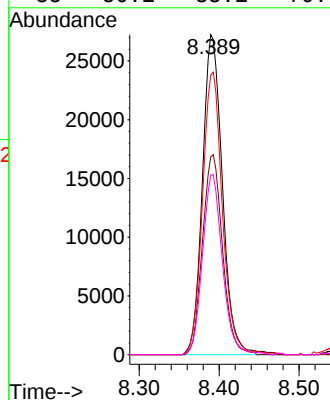
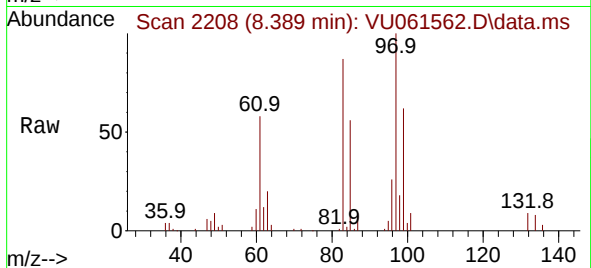


#45
1,1,2-Trichloroethane
Concen: 5.390 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 47359

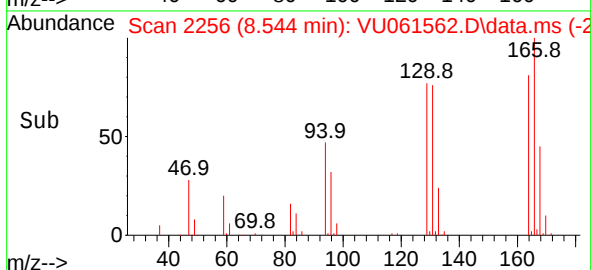
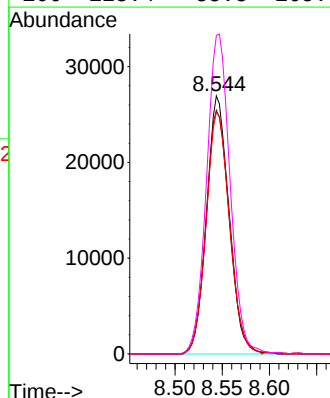
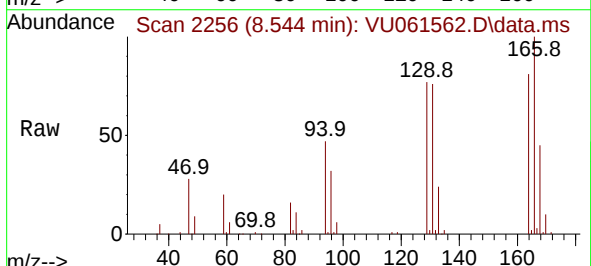
Ion	Ratio	Lower	Upper
97	100		
99	61.9	44.1	81.9
83	87.3	61.2	113.6
85	56.1	38.1	70.7

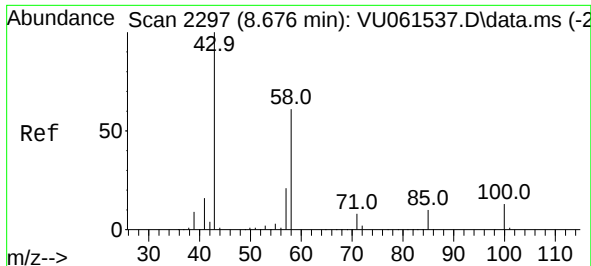


#47
Tetrachloroethene
Concen: 4.904 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

Tgt Ion: 164 Resp: 44876

Ion	Ratio	Lower	Upper
164	100		
129	94.5	69.9	129.7
131	93.7	68.3	126.8
166	123.4	88.8	165.0





#48

2-Hexanone

Concen: 53.878 ug/L

RT: 8.676 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VU061562.D

Acq: 08 Nov 2024 21:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 231513

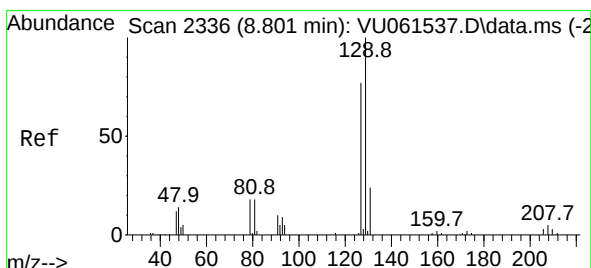
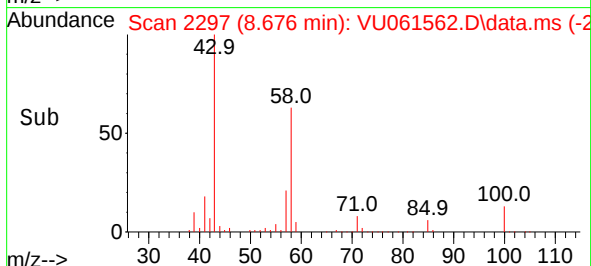
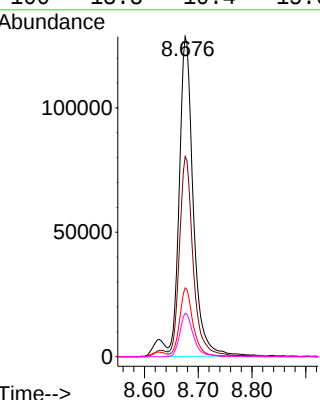
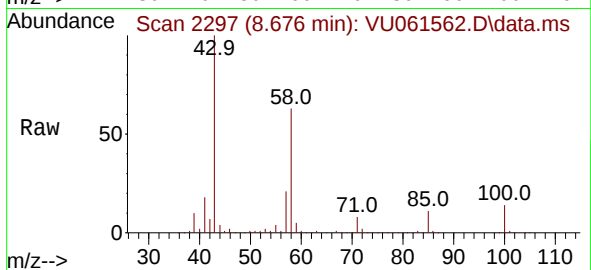
Ion Ratio Lower Upper

43 100

58 60.7 48.6 72.8

57 20.8 17.0 25.6

100 13.3 10.4 15.6



#49

Dibromochloromethane

Concen: 4.768 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU061562.D

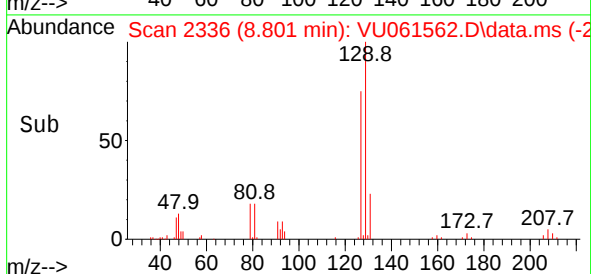
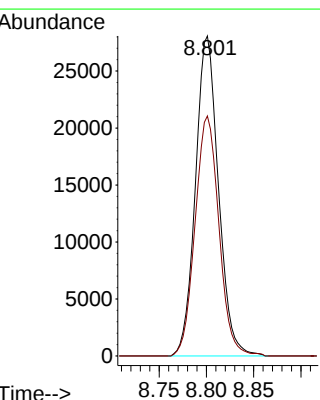
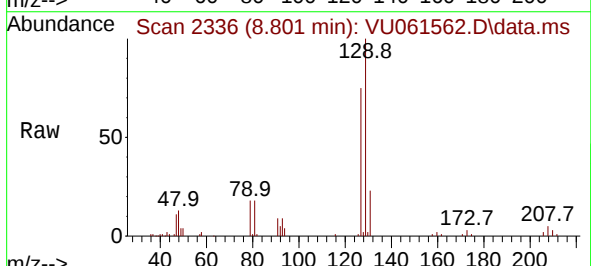
Acq: 08 Nov 2024 21:04

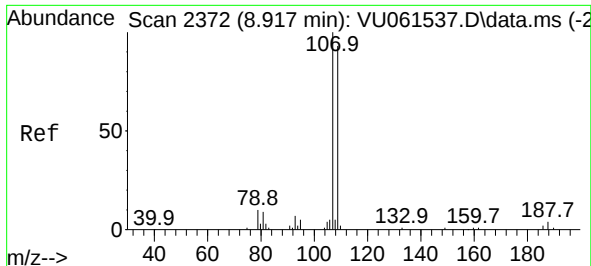
Tgt Ion:129 Resp: 47516

Ion Ratio Lower Upper

129 100

127 75.0 51.8 96.2

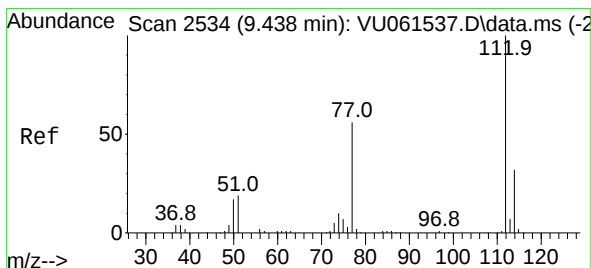
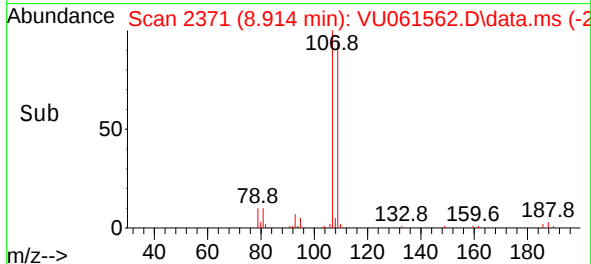
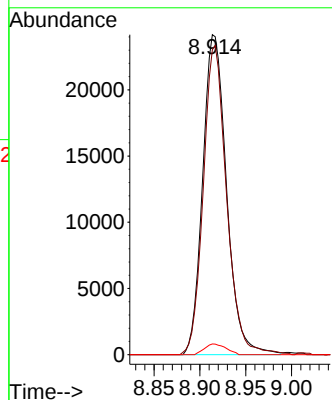
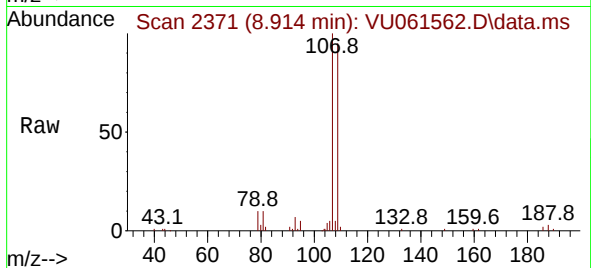




#50
1,2-Dibromoethane
Concen: 5.125 ug/L
RT: 8.914 min Scan# 2371
Delta R.T. -0.003 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

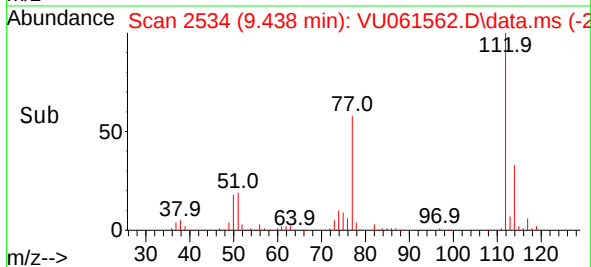
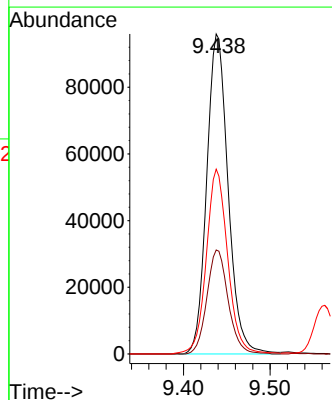
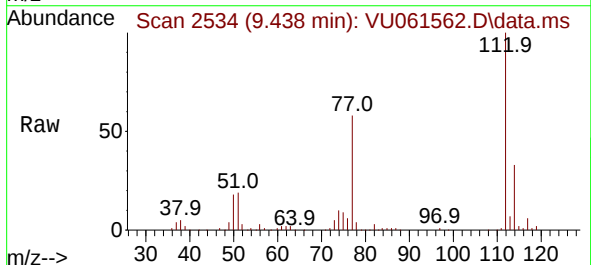
Instrument :
MSVOA_U
ClientSampleId :

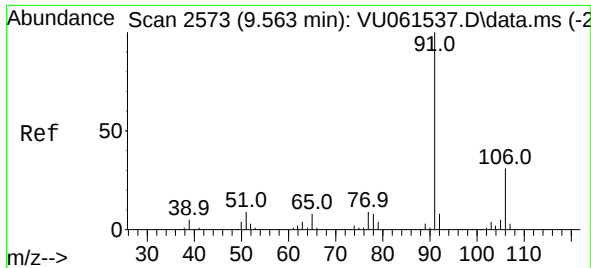
Tgt Ion:107 Resp: 43750
Ion Ratio Lower Upper
107 100
109 95.3 63.4 117.8
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 4.981 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

Tgt Ion:112 Resp: 164690
Ion Ratio Lower Upper
112 100
114 32.5 22.9 42.5
77 57.8 47.1 70.7

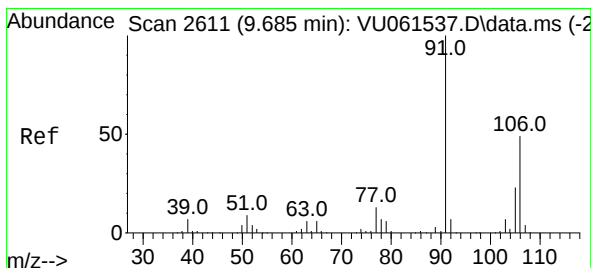
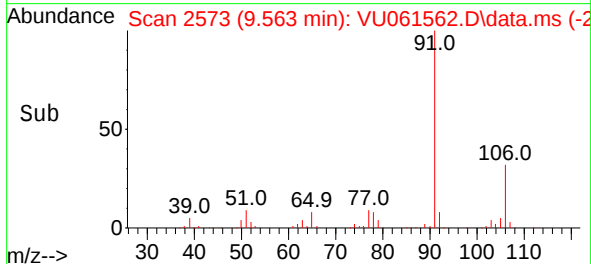
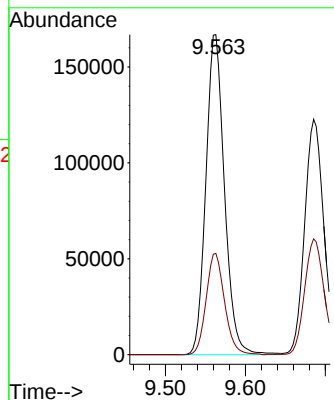
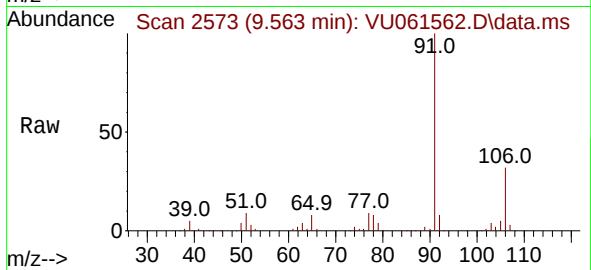




#52
Ethylbenzene
Concen: 4.694 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

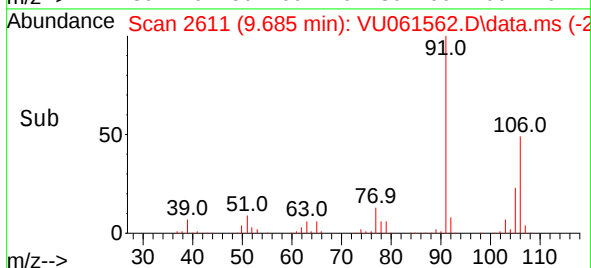
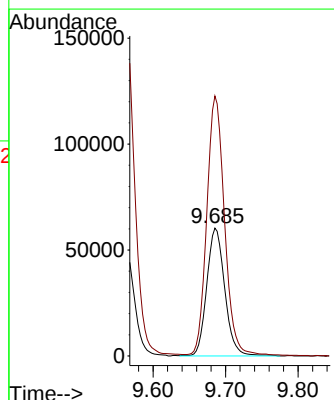
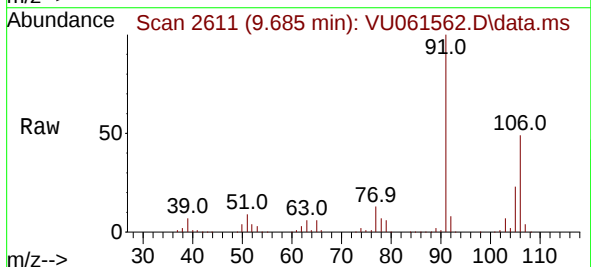
Instrument :
MSVOA_U
ClientSampleId :

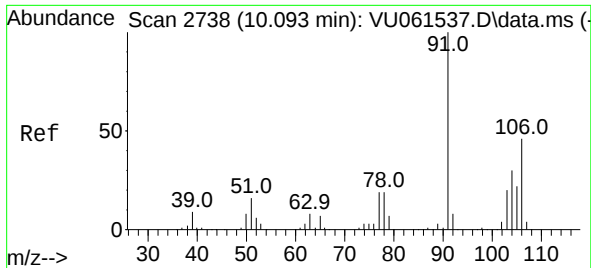
Tgt Ion: 91 Resp: 270095
Ion Ratio Lower Upper
91 100
106 31.7 22.0 41.0



#53
m,p-Xylene
Concen: 4.750 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

Tgt Ion:106 Resp: 104112
Ion Ratio Lower Upper
106 100
91 203.2 145.7 270.7

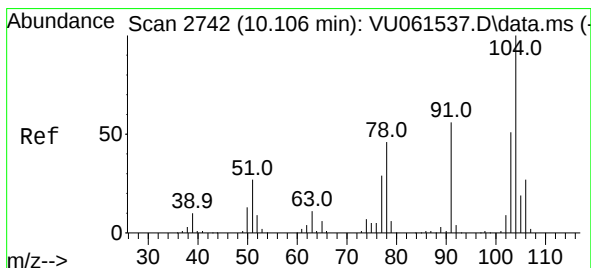
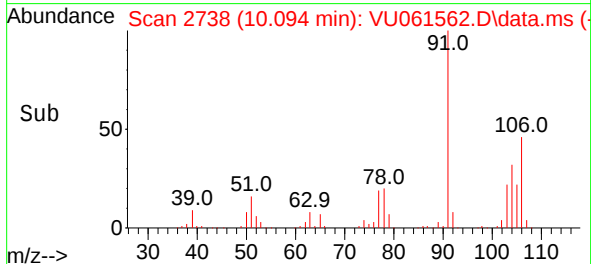
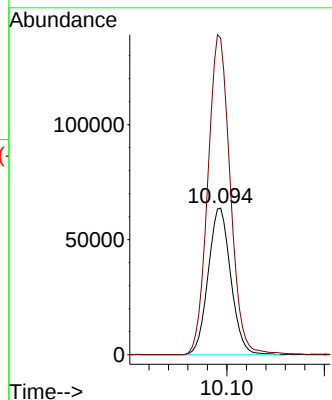
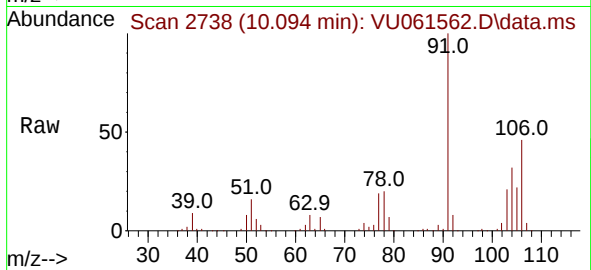




#54
o-Xylene
Concen: 4.732 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

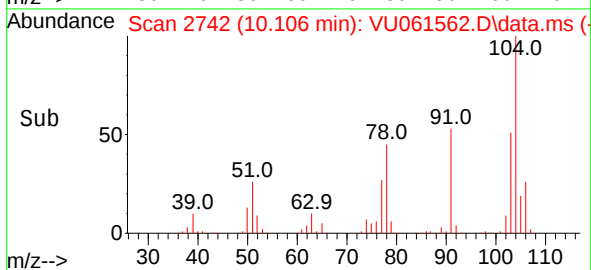
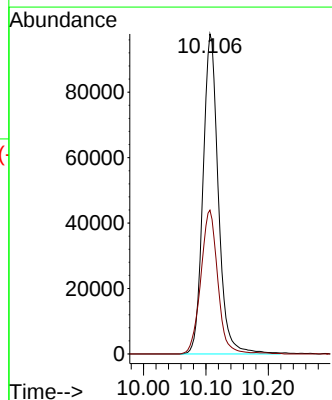
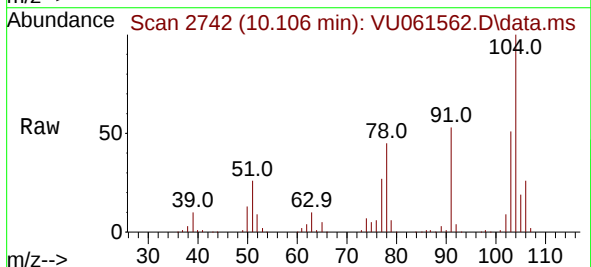
Instrument :
MSVOA_U
ClientSampleId :

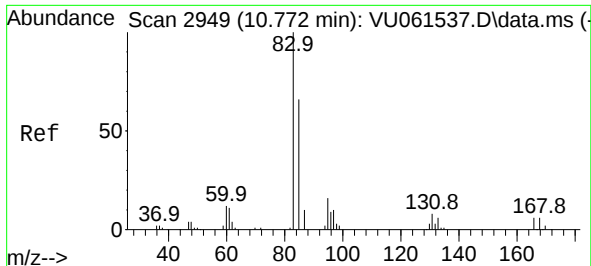
Tgt Ion:106 Resp: 102368
Ion Ratio Lower Upper
106 100
91 215.9 148.8 276.4



#55
Styrene
Concen: 4.829 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

Tgt Ion:104 Resp: 167478
Ion Ratio Lower Upper
104 100
78 44.9 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.452 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU061562.D

Acq: 08 Nov 2024 21:04

Instrument :

MSVOA_U

ClientSampleId :

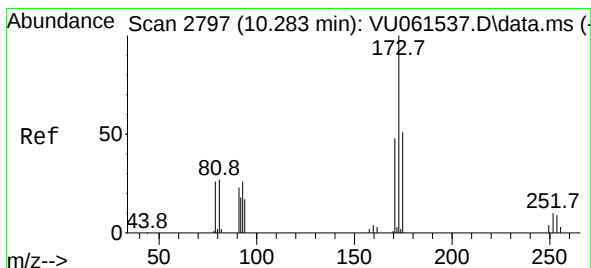
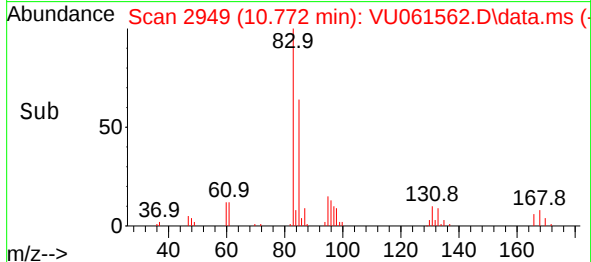
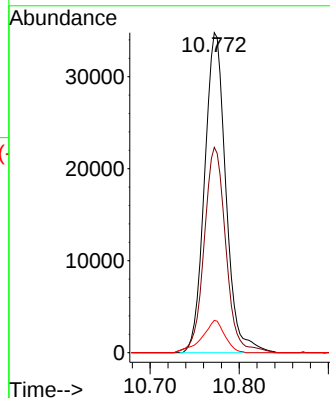
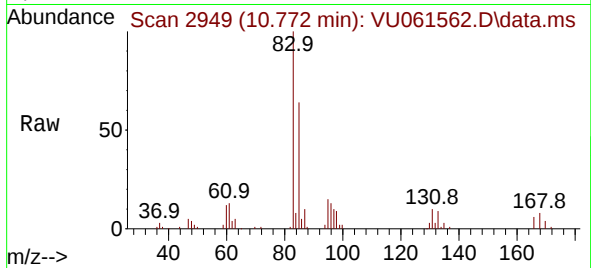
Tgt Ion: 83 Resp: 57722

Ion Ratio Lower Upper

83 100

85 64.2 45.3 84.1

131 10.1 7.6 11.4



#59

Bromoform

Concen: 4.268 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU061562.D

Acq: 08 Nov 2024 21:04

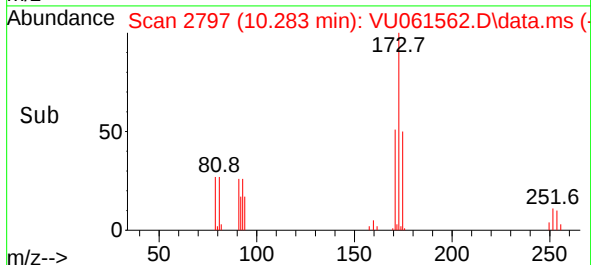
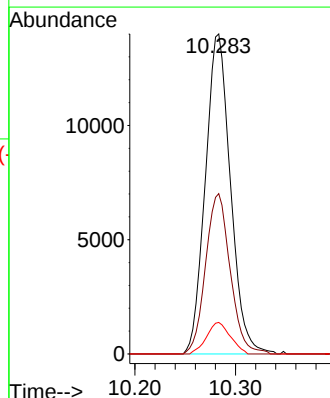
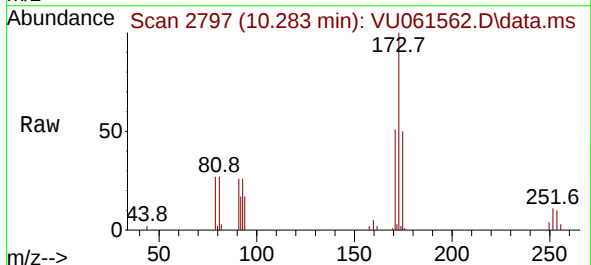
Tgt Ion:173 Resp: 24291

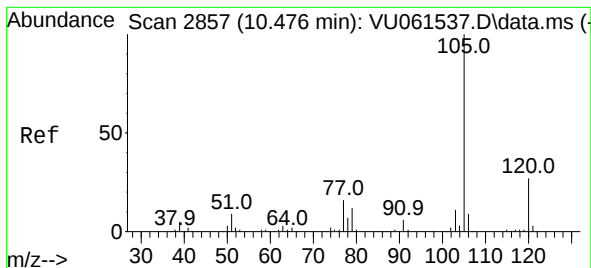
Ion Ratio Lower Upper

173 100

175 49.1 39.0 58.4

254 9.3 6.8 10.2





#60

Isopropylbenzene

Concen: 4.601 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061562.D

Acq: 08 Nov 2024 21:04

Instrument :

MSVOA_U

ClientSampleId :

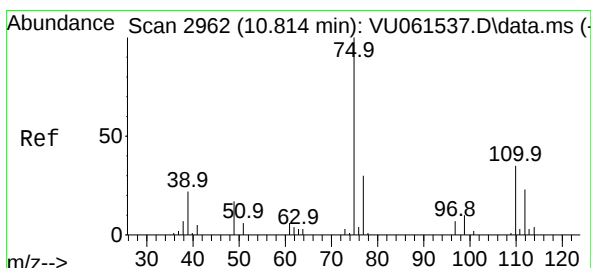
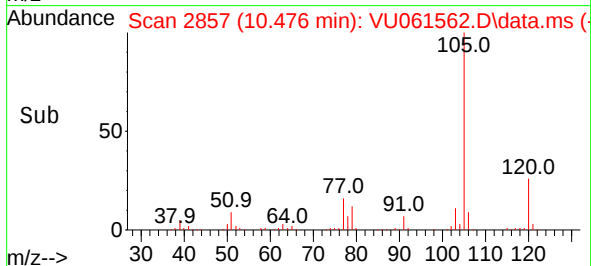
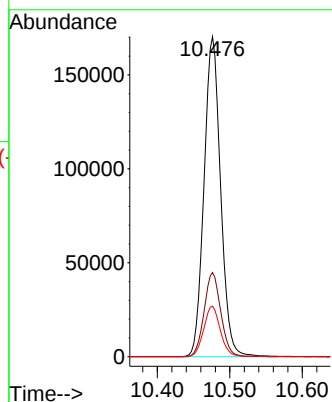
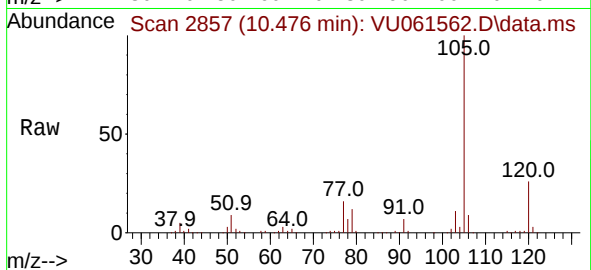
Tgt Ion:105 Resp: 270241

Ion Ratio Lower Upper

105 100

120 26.3 21.2 31.8

77 15.9 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.157 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061562.D

Acq: 08 Nov 2024 21:04

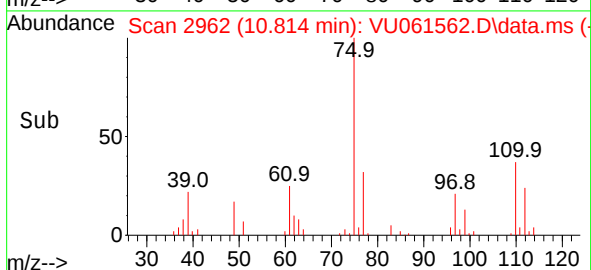
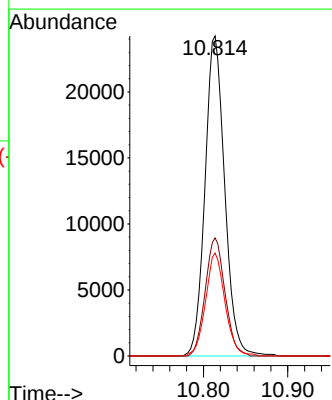
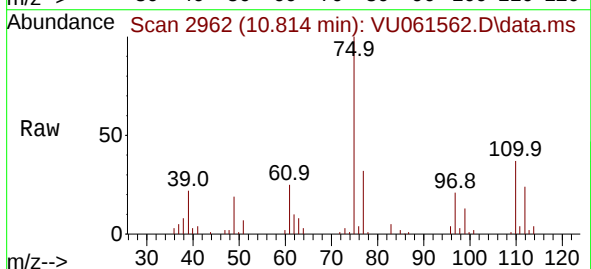
Tgt Ion: 75 Resp: 39499

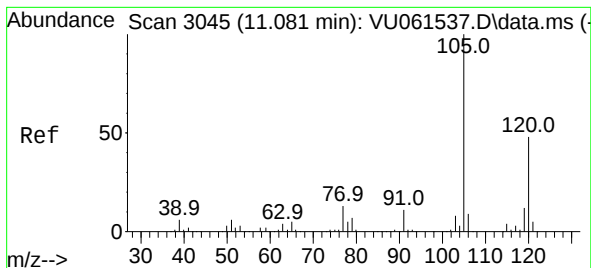
Ion Ratio Lower Upper

75 100

110 36.9 28.8 43.2

77 31.8 25.7 38.5





#62

1,3,5-Trimethylbenzene

Concen: 4.386 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061562.D

Acq: 08 Nov 2024 21:04

Instrument :

MSVOA_U

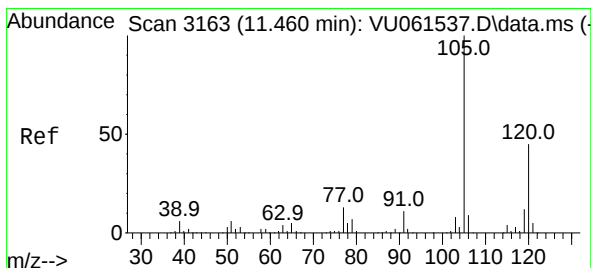
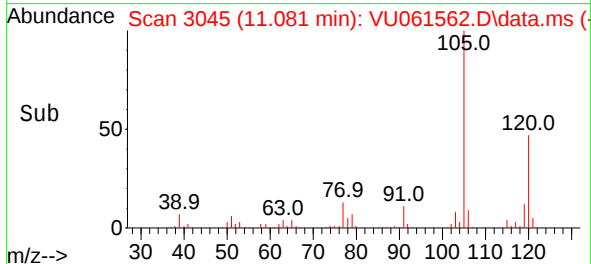
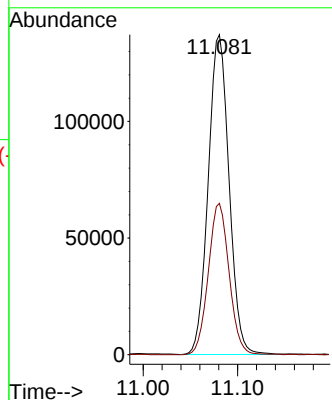
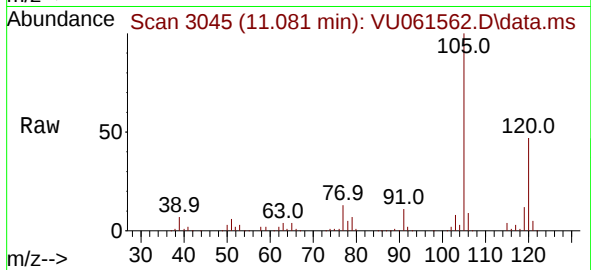
ClientSampleId :

Tgt Ion:105 Resp: 209725

Ion Ratio Lower Upper

105 100

120 47.3 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.427 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061562.D

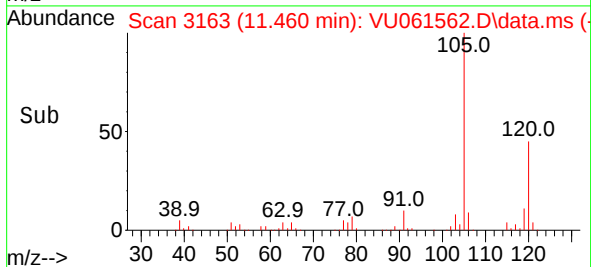
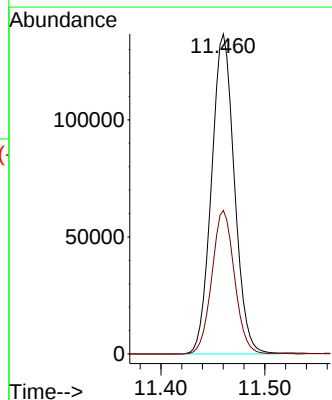
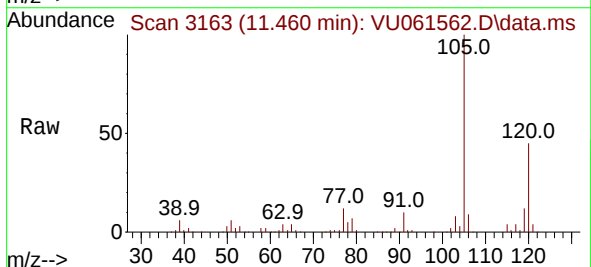
Acq: 08 Nov 2024 21:04

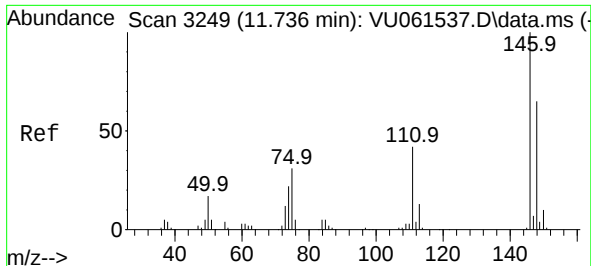
Tgt Ion:105 Resp: 209275

Ion Ratio Lower Upper

105 100

120 44.5 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 4.930 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU061562.D

Acq: 08 Nov 2024 21:04

Instrument :

MSVOA_U

ClientSampleId :

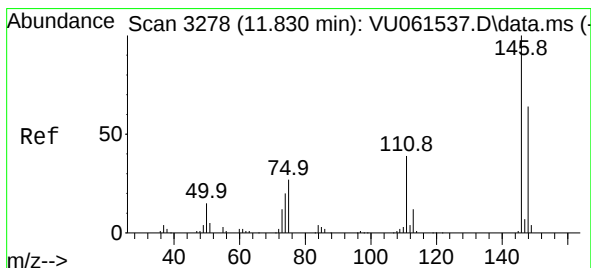
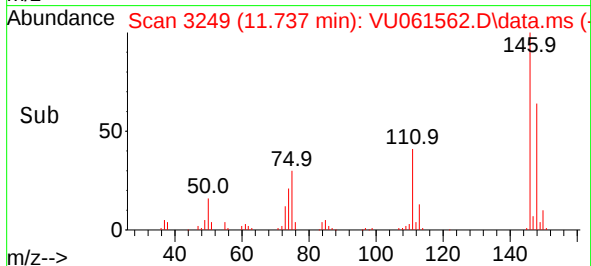
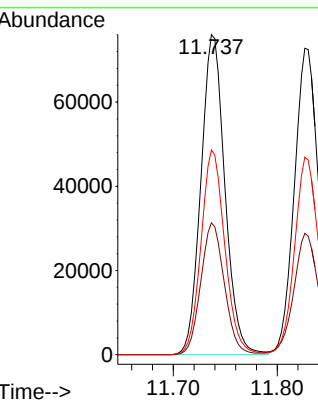
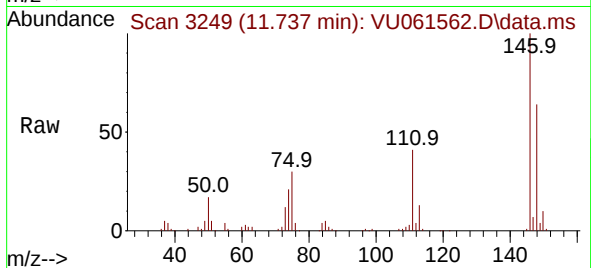
Tgt Ion:146 Resp: 121885

Ion Ratio Lower Upper

146 100

111 41.2 30.0 55.8

148 63.9 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 4.761 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.003 min

Lab File: VU061562.D

Acq: 08 Nov 2024 21:04

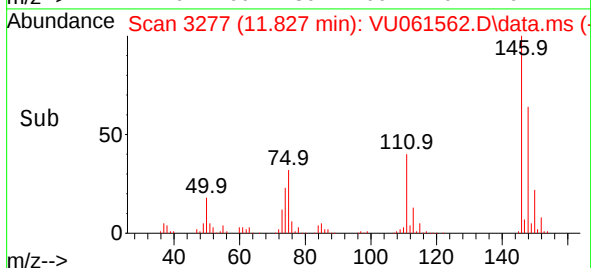
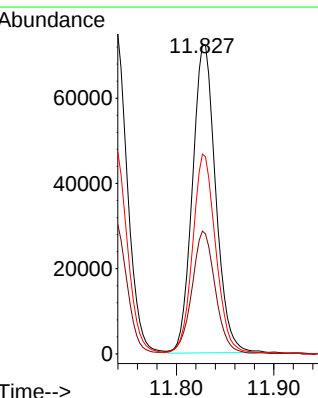
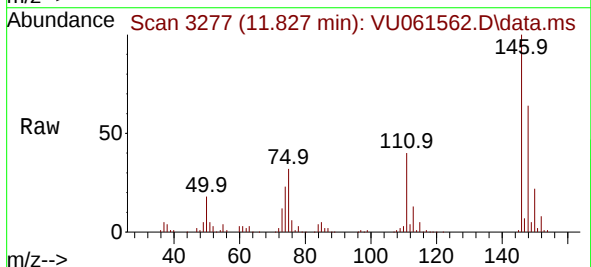
Tgt Ion:146 Resp: 119994

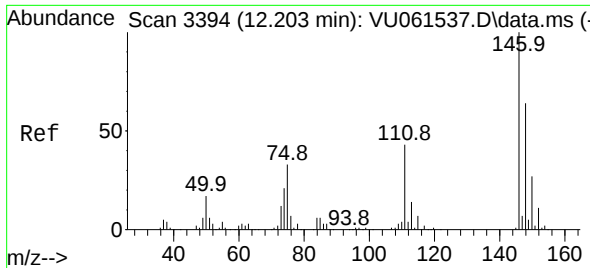
Ion Ratio Lower Upper

146 100

111 39.6 28.2 52.4

148 64.4 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 4.909 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU061562.D

Acq: 08 Nov 2024 21:04

Instrument :

MSVOA_U

ClientSampleId :

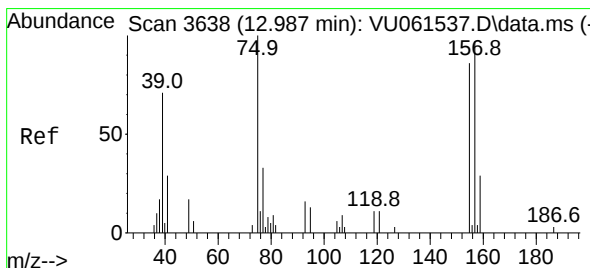
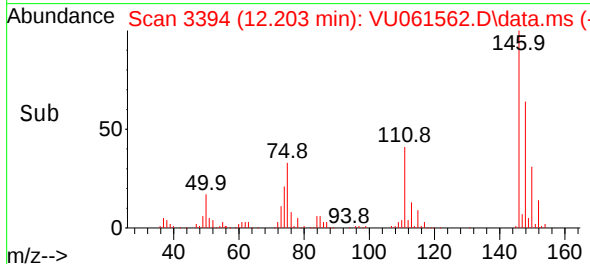
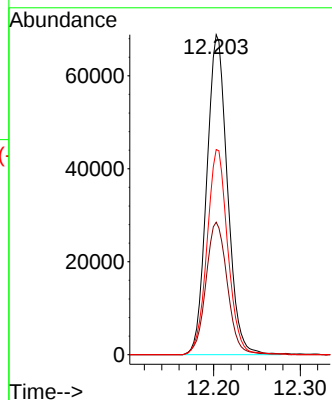
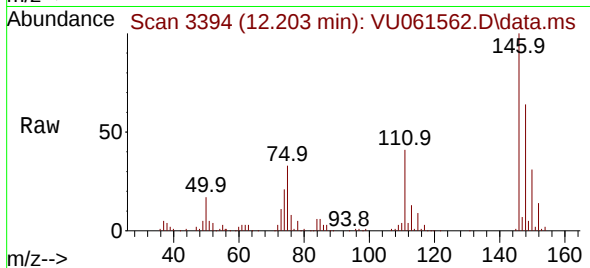
Tgt Ion:146 Resp: 114229

Ion Ratio Lower Upper

146 100

111 41.4 35.2 52.8

148 64.1 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.440 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU061562.D

Acq: 08 Nov 2024 21:04

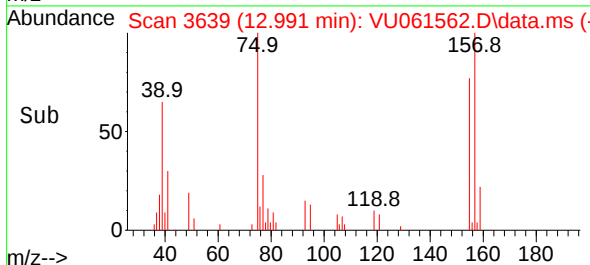
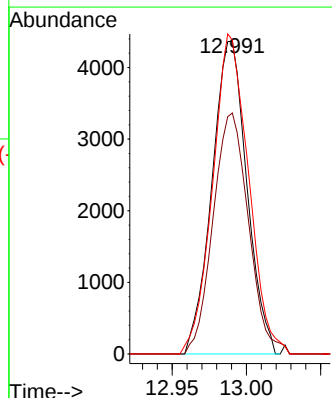
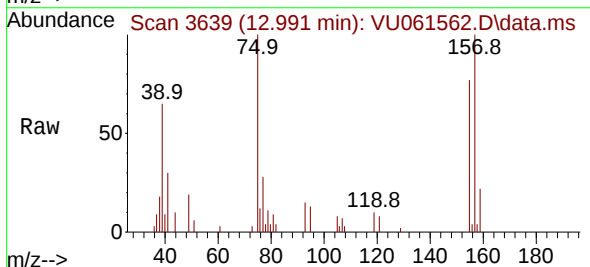
Tgt Ion: 75 Resp: 7141

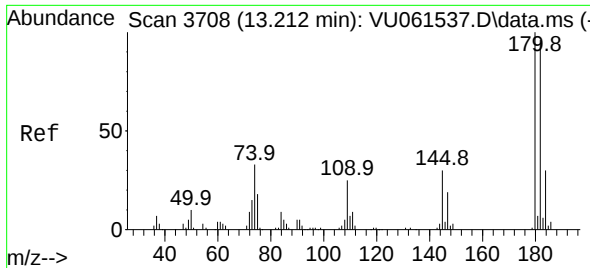
Ion Ratio Lower Upper

75 100

155 77.1 69.3 103.9

157 100.3 81.4 122.2





#69

1,3,5-Trichlorobenzene

Concen: 4.899 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.000 min

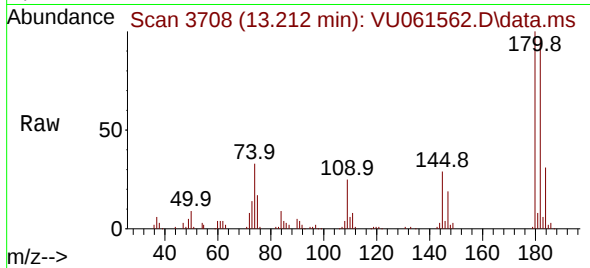
Lab File: VU061562.D

Acq: 08 Nov 2024 21:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 83015

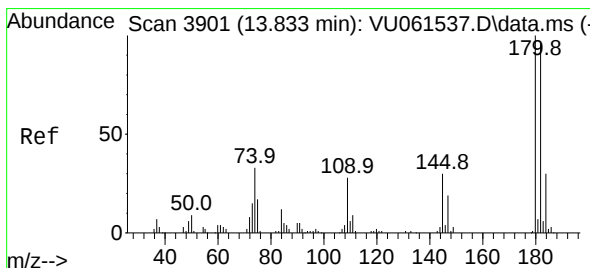
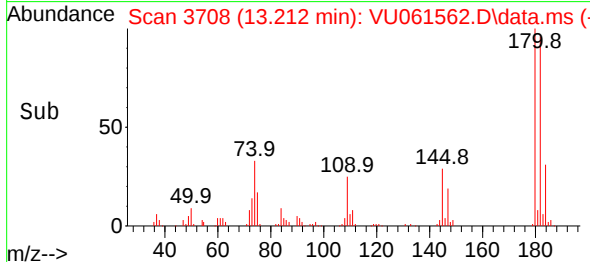
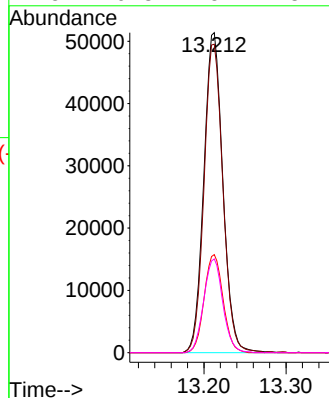
Ion Ratio Lower Upper

180 100

182 95.6 77.4 116.2

184 30.3 24.4 36.6

145 29.3 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 4.858 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061562.D

Acq: 08 Nov 2024 21:04

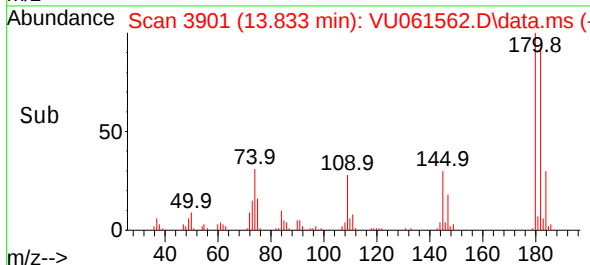
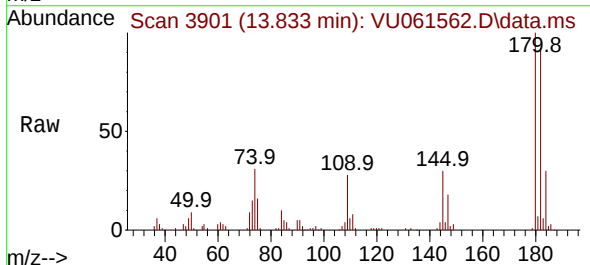
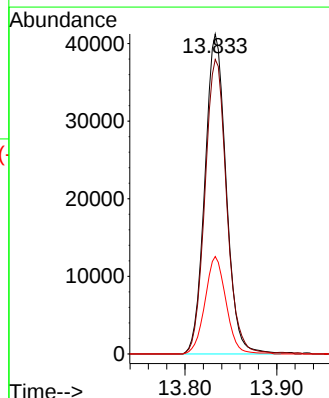
Tgt Ion:180 Resp: 66439

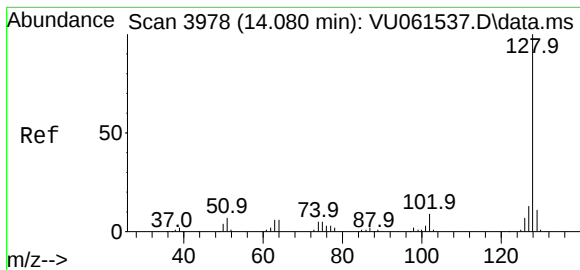
Ion Ratio Lower Upper

180 100

182 93.8 77.2 115.8

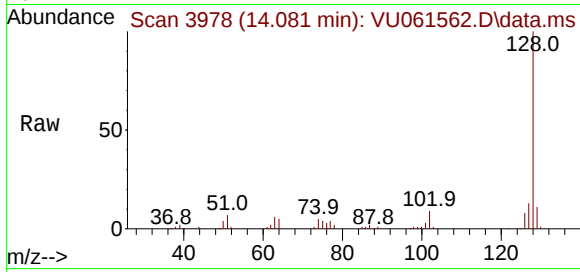
145 30.2 25.6 38.4



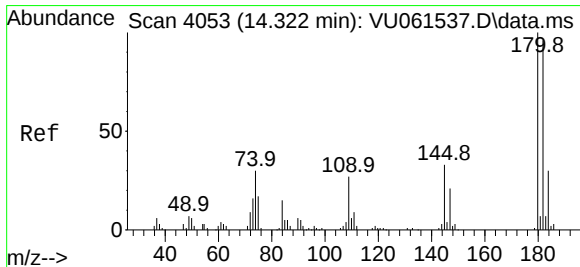
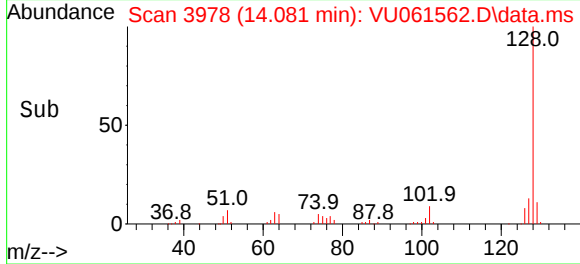
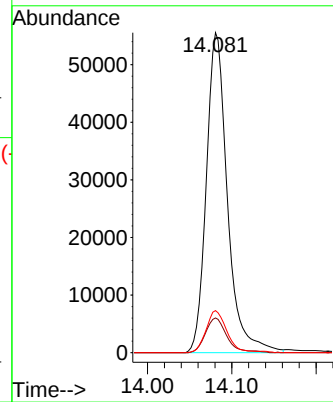


#71
Naphthalene
Concen: 4.490 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 96886
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.9 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 4.936 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061562.D
Acq: 08 Nov 2024 21:04

Tgt Ion:180 Resp: 56476
Ion Ratio Lower Upper
180 100
182 96.5 76.0 114.0
145 32.4 26.5 39.7

