

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110624\
 Data File : VU061490.D
 Acq On : 06 Nov 2024 09:46
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 07 00:07:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 06 00:52:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	160890	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	153918	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	75767	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	40885	3.741	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.911	69	43646	4.356	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.560	65	20413	4.365	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.628	46	120124	54.135	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.280%
24) Chloroform-d	5.055	84	103382	4.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.695	65	51869	5.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.718	84	207045	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.682	67	62432	4.788	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.891	98	191137	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.174	79	22783	4.281	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.624	63	109223	50.104	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.200%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	51486	5.222	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	64412	4.801	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	52137	4.861	ug/L	99
3) Chloromethane	1.518	50	46511	4.112	ug/L	99
5) Vinyl chloride	1.602	62	55939	4.498	ug/L	98
6) Bromomethane	1.853	94	33990	4.125	ug/L	98
8) Chloroethane	1.930	64	44461	4.856	ug/L	99
9) Trichlorofluoromethane	2.133	101	86337	5.111	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	52926	5.277	ug/L	98
12) 1,1-Dichloroethene	2.573	96	47352	4.978	ug/L	93
13) Acetone	2.644	43	73680	52.425	ug/L	98
14) Carbon disulfide	2.788	76	125579	3.957	ug/L	100
15) Methyl Acetate	2.952	43	17455	5.016	ug/L	99
16) Methylene chloride	3.039	84	55683	4.968	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	125160	4.855	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	51064	4.855	ug/L	97
19) 1,1-Dichloroethane	3.859	63	101840	5.134	ug/L	99
21) 2-Butanone	4.705	43	119101	53.455	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	62215	5.178	ug/L	97
23) Bromochloromethane	4.968	128	27464	5.433	ug/L	97
25) Chloroform	5.078	83	108707	5.212	ug/L	99

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 ClientSampleId :

Quant Time: Nov 07 00:07:35 2024
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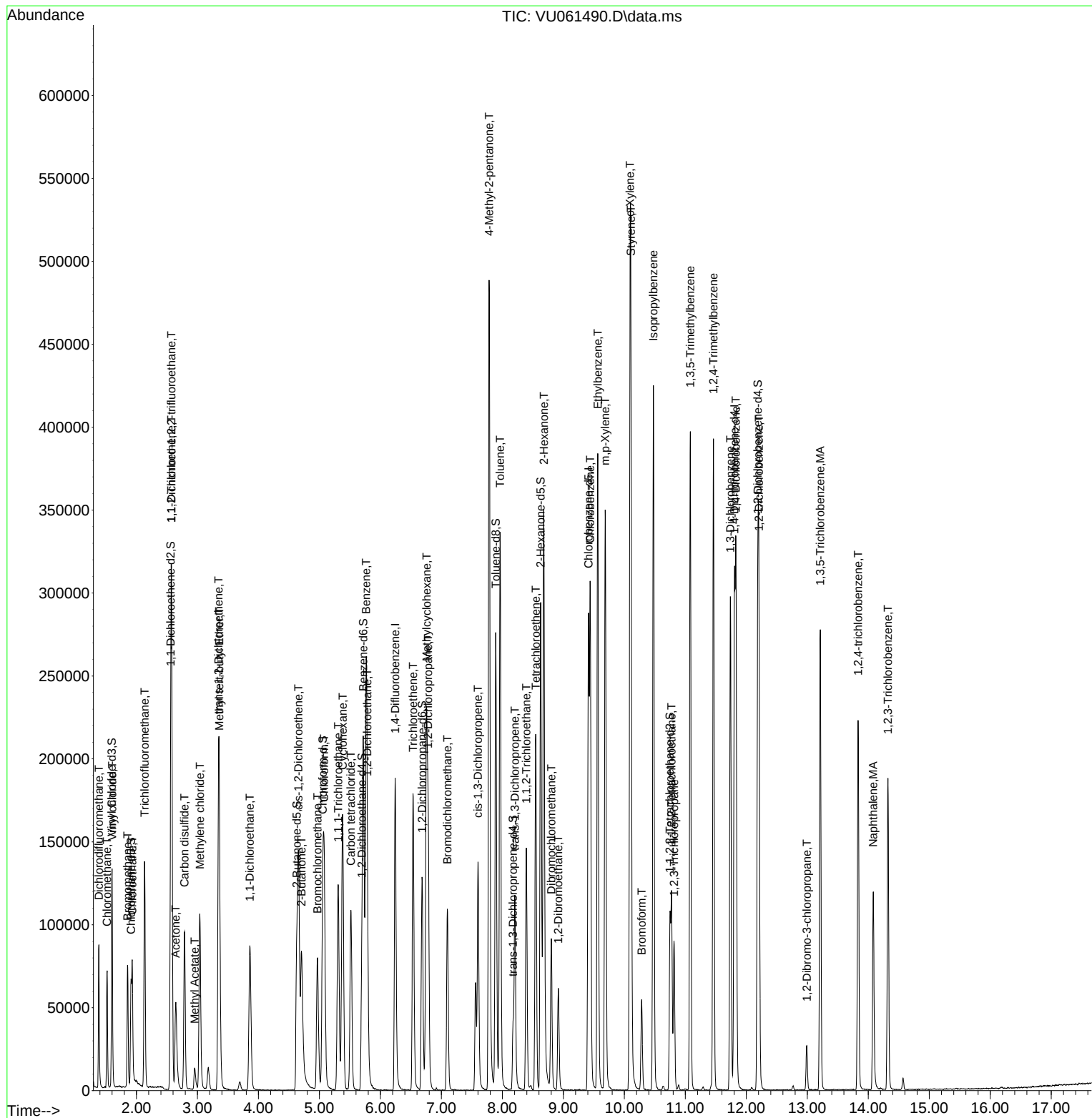
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	68000	5.159	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	89651	4.756	ug/L	99
30) Cyclohexane	5.380	56	82555	4.367	ug/L	98
31) Carbon tetrachloride	5.515	117	73874	4.581	ug/L	97
33) Benzene	5.766	78	235954	4.957	ug/L	100
34) Trichloroethene	6.538	95	63374	4.894	ug/L	98
35) Methylcyclohexane	6.756	83	92199	4.474	ug/L	99
37) 1,2-Dichloropropane	6.782	63	61586	5.104	ug/L	99
38) Bromodichloromethane	7.097	83	72446	4.744	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	85358	4.580	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	304683	50.737	ug/L	99
42) Toluene	7.962	91	257697	4.985	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	68654	4.521	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	45713	5.265	ug/L	98
47) Tetrachloroethene	8.547	164	46170	5.105	ug/L	97
48) 2-Hexanone	8.679	43	220212	51.858	ug/L	99
49) Dibromochloromethane	8.801	129	46247	4.696	ug/L	97
50) 1,2-Dibromoethane	8.917	107	42504	5.039	ug/L	98
51) Chlorobenzene	9.441	112	164801	5.044	ug/L	98
52) Ethylbenzene	9.563	91	277926	4.888	ug/L	99
53) m,p-Xylene	9.685	106	105767	4.883	ug/L	95
54) o-Xylene	10.094	106	103648	4.848	ug/L	98
55) Styrene	10.107	104	169481	4.945	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	56488	5.399	ug/L	100
59) Bromoform	10.283	173	24784	4.419	ug/L	98
60) Isopropylbenzene	10.476	105	277745	4.799	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	38341	5.080	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	217994	4.626	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	215039	4.617	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	124395	5.107	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	122916	4.950	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	115298	5.029	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	6959	4.391	ug/L	98
69) 1,3,5-Trichlorobenzene	13.213	180	87012	5.211	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	67562	5.014	ug/L	98
71) Naphthalene	14.081	128	104441	4.912	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	58252	5.167	ug/L	99

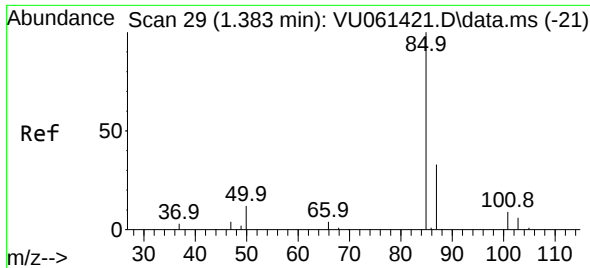
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 Data File : VU061490.D
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Instrument :
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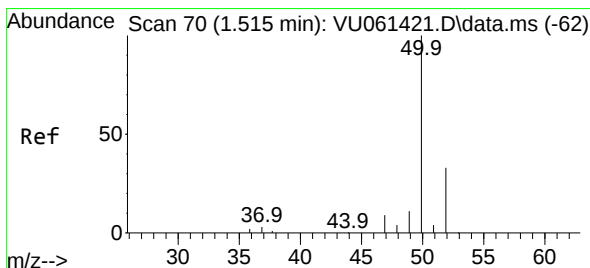
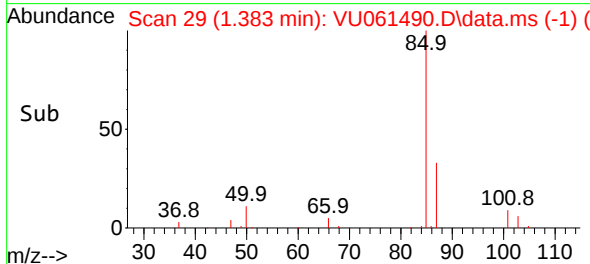
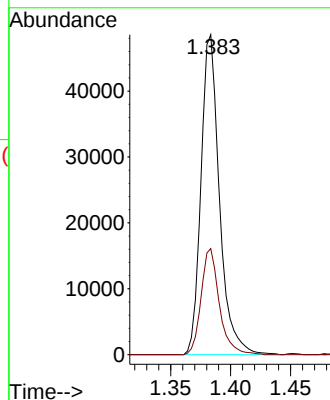
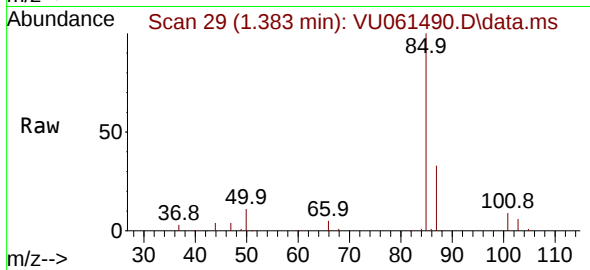




#2
Dichlorodifluoromethane
Concen: 4.861 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

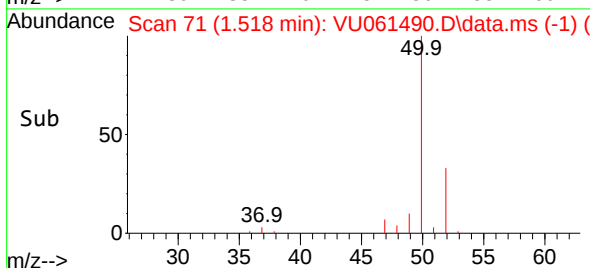
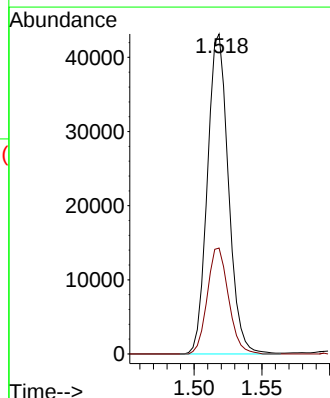
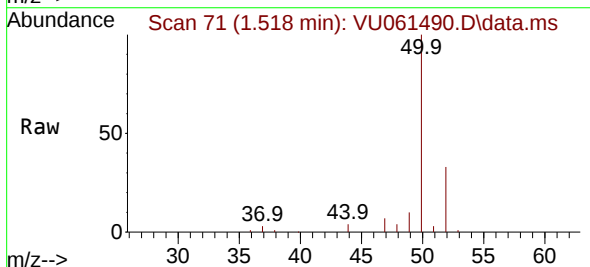
Instrument :
MSVOA_U
ClientSampleId :

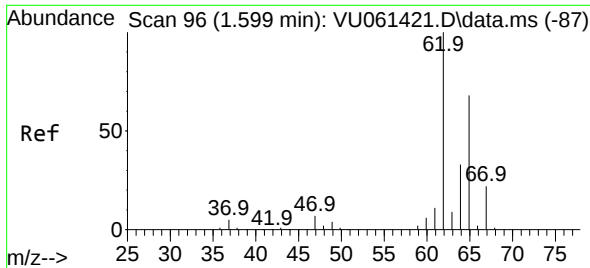
Tgt Ion: 85 Resp: 52137
Ion Ratio Lower Upper
85 100
87 32.7 25.7 38.5



#3
Chloromethane
Concen: 4.112 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

Tgt Ion: 50 Resp: 46511
Ion Ratio Lower Upper
50 100
52 33.1 23.4 43.4

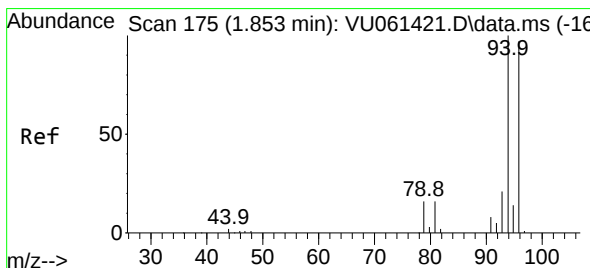
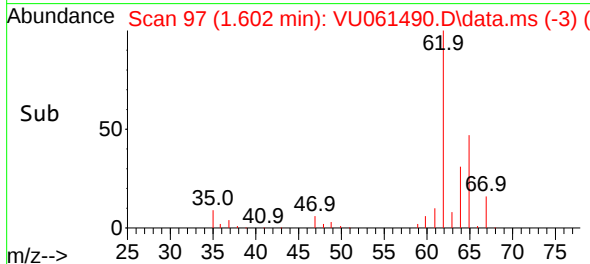
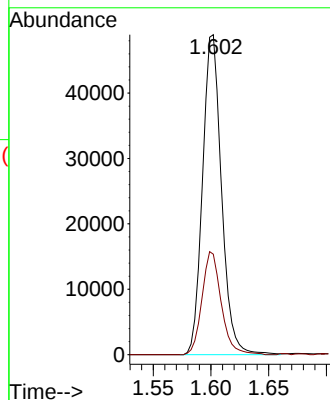
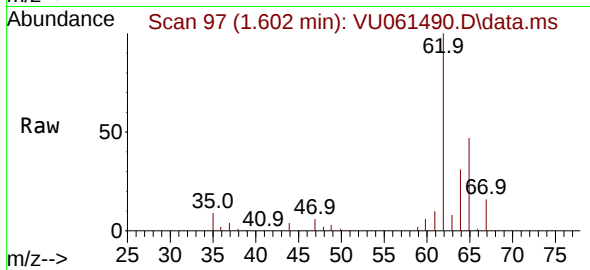




#5
 Vinyl chloride
 Concen: 4.498 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU061490.D
 Acq: 06 Nov 2024 09:46

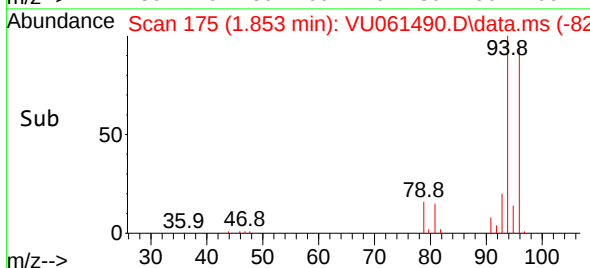
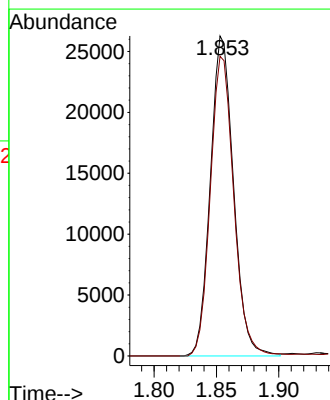
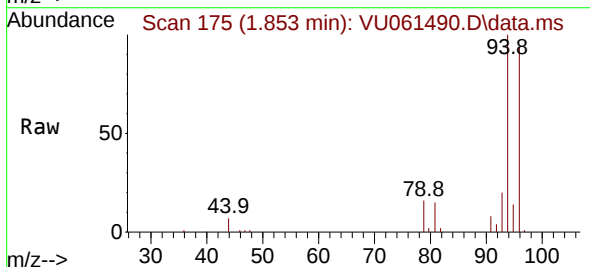
Instrument :
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 ClientSampleId :

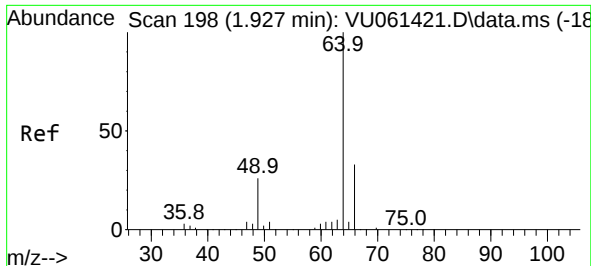
Tgt Ion: 62 Resp: 55939
 Ion Ratio Lower Upper
 62 100
 64 31.4 22.6 42.0



#6
 Bromomethane
 Concen: 4.125 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU061490.D
 Acq: 06 Nov 2024 09:46

Tgt Ion: 94 Resp: 33990
 Ion Ratio Lower Upper
 94 100
 96 93.7 66.9 124.3





#8

Chloroethane

Concen: 4.856 ug/L

RT: 1.930 min Scan# 198

Delta R.T. 0.000 min

Lab File: VU061490.D

Acq: 06 Nov 2024 09:46

Instrument :

MSVOA_U

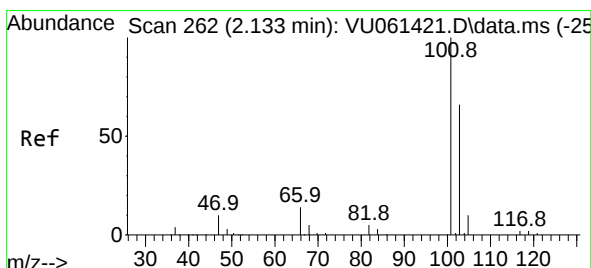
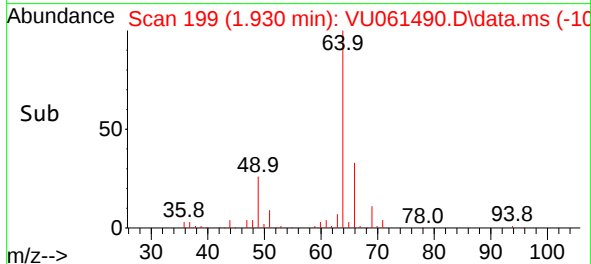
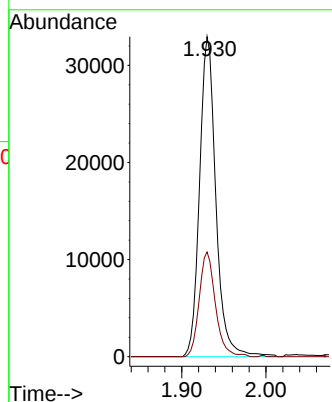
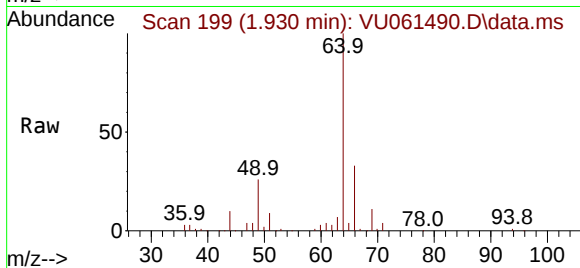
ClientSampleId :

Tgt Ion: 64 Resp: 44461

Ion Ratio Lower Upper

64 100

66 32.7 23.1 42.9



#9

Trichlorofluoromethane

Concen: 5.111 ug/L

RT: 2.133 min Scan# 262

Delta R.T. 0.000 min

Lab File: VU061490.D

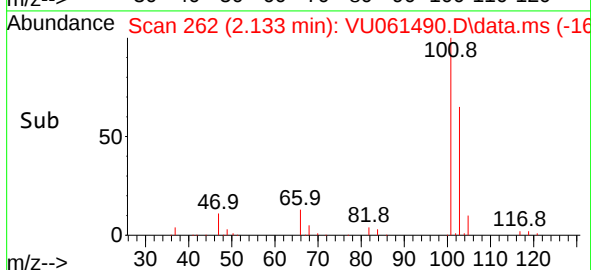
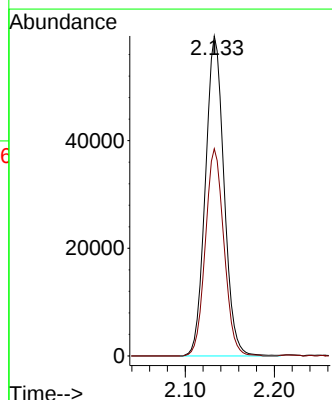
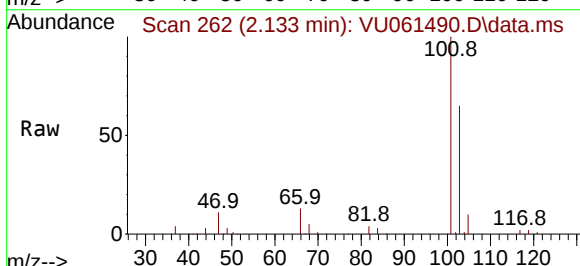
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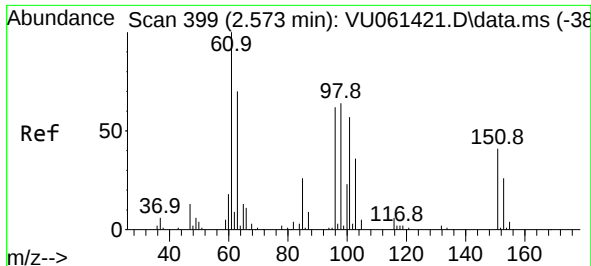
Tgt Ion:101 Resp: 86337

Ion Ratio Lower Upper

101 100

103 64.5 50.6 75.8

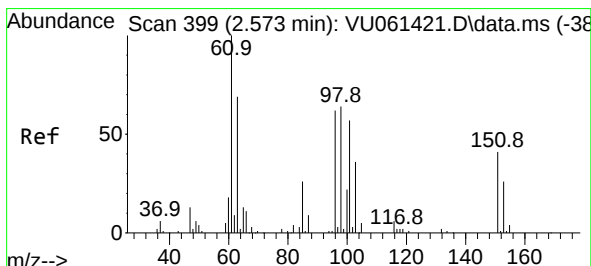
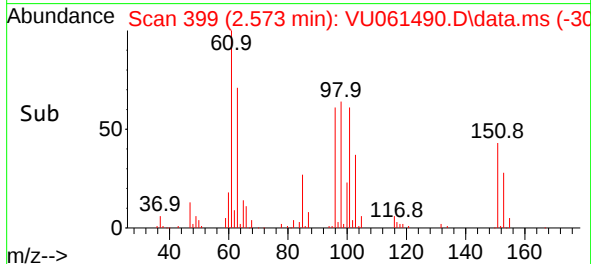
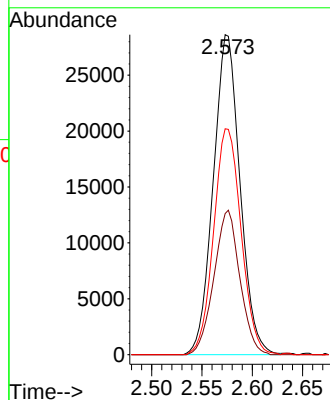
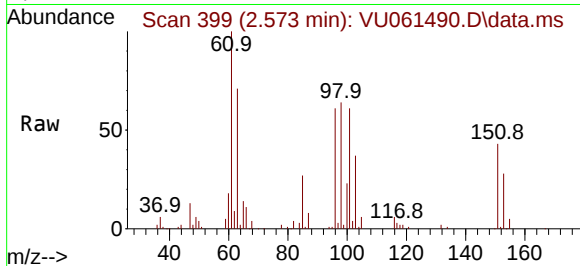




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.277 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061490.D
 Acq: 06 Nov 2024 09:46

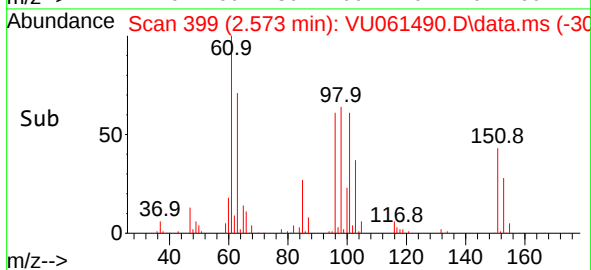
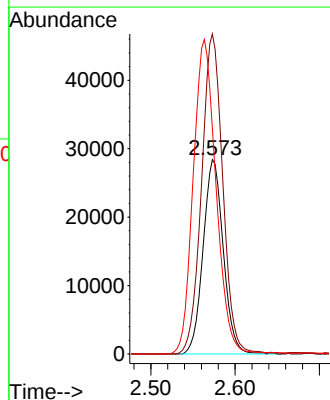
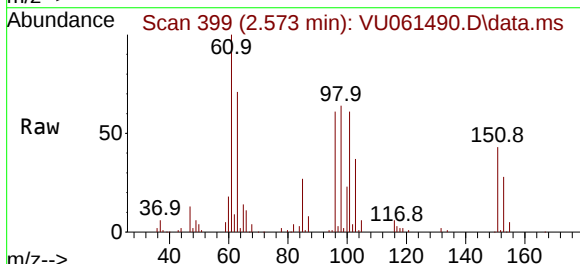
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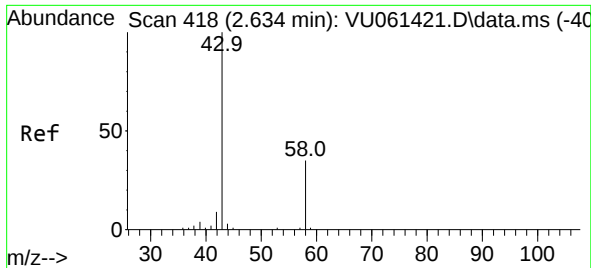
Tgt Ion:101 Resp: 52926
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.6 53.4
 151 72.6 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 4.978 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061490.D
 Acq: 06 Nov 2024 09:46

Tgt Ion: 96 Resp: 47352
 Ion Ratio Lower Upper
 96 100
 61 164.7 119.1 221.1
 63 116.2 89.4 166.0





#13

Acetone

Concen: 52.425 ug/L

RT: 2.644 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU061490.D

Acq: 06 Nov 2024 09:46

Instrument :

MSVOA_U

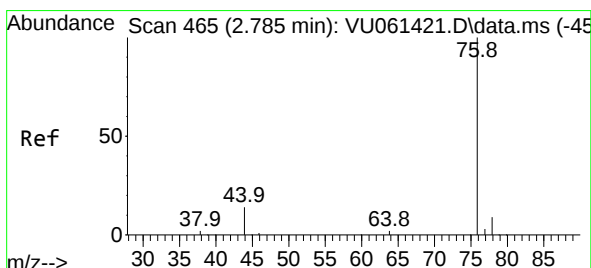
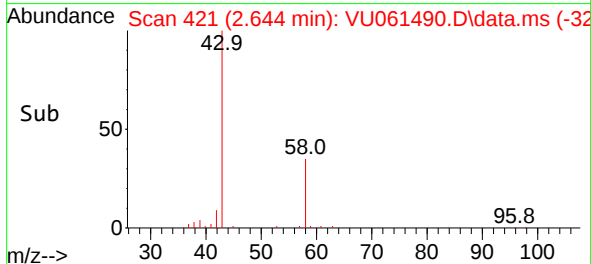
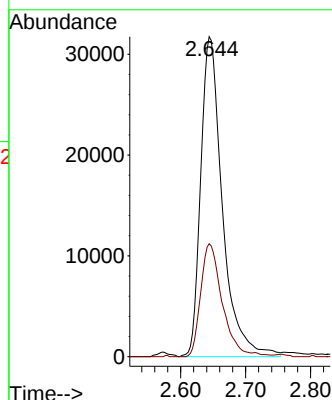
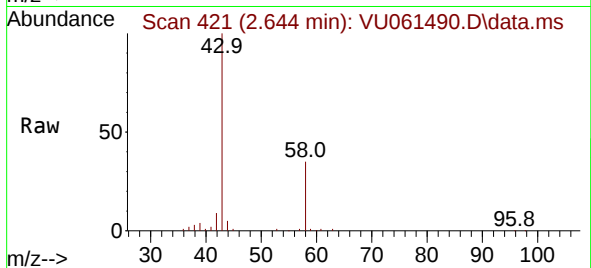
ClientSampleId :

Tgt Ion: 43 Resp: 73680

Ion Ratio Lower Upper

43 100

58 35.2 0.0 73.2



#14

Carbon disulfide

Concen: 3.957 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061490.D

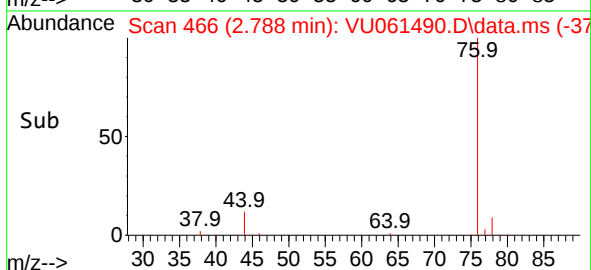
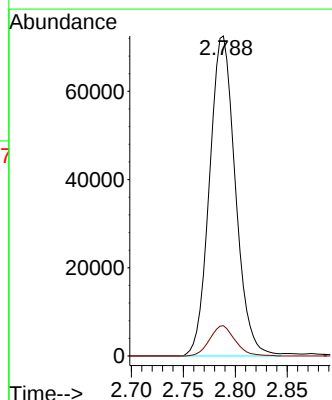
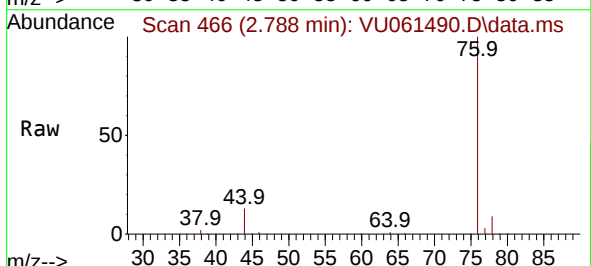
Acq: 06 Nov 2024 09:46

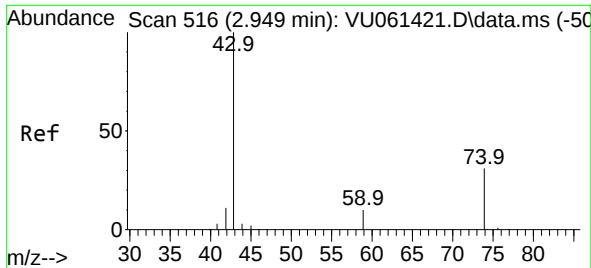
Tgt Ion: 76 Resp: 125579

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2





#15

Methyl Acetate

Concen: 5.016 ug/L

RT: 2.952 min Scan# 516

Delta R.T. 0.000 min

Lab File: VU061490.D

Acq: 06 Nov 2024 09:46

Instrument :

MSVOA_U

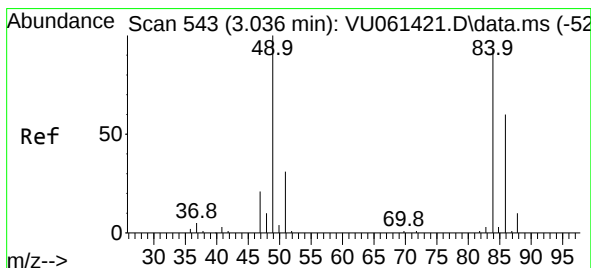
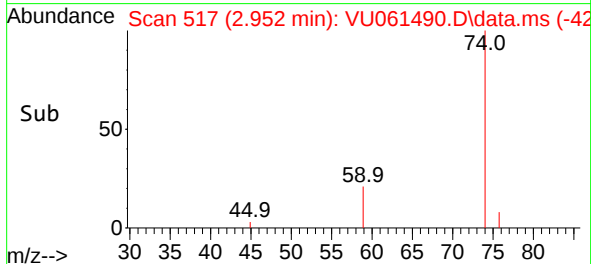
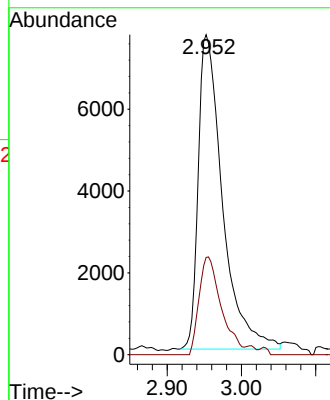
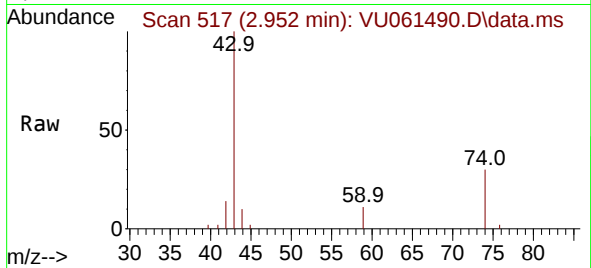
ClientSampleId :

Tgt Ion: 43 Resp: 17455

Ion Ratio Lower Upper

43 100

74 28.5 22.2 33.4



#16

Methylene chloride

Concen: 4.968 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU061490.D

Acq: 06 Nov 2024 09:46

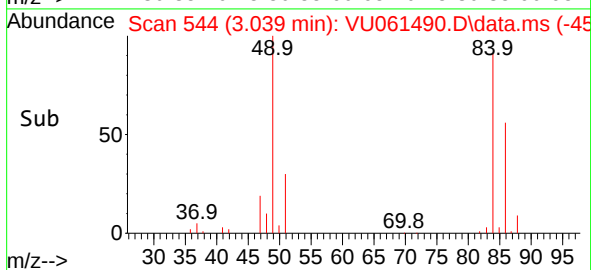
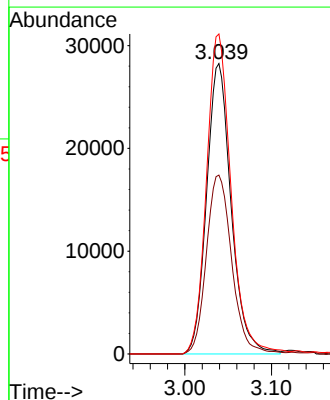
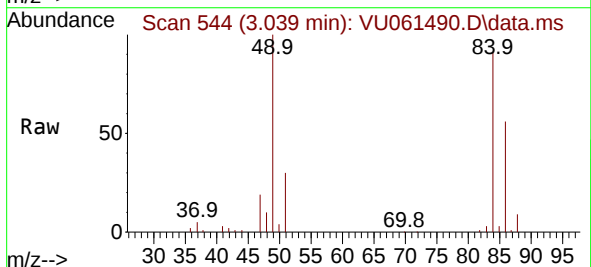
Tgt Ion: 84 Resp: 55683

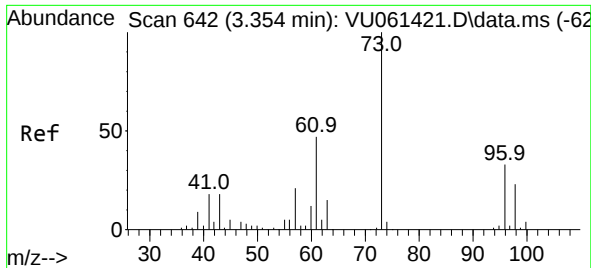
Ion Ratio Lower Upper

84 100

86 61.6 43.5 80.7

49 110.2 75.7 140.7

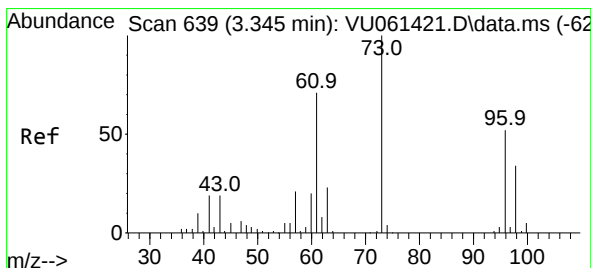
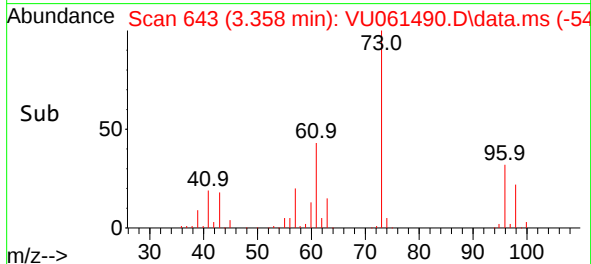
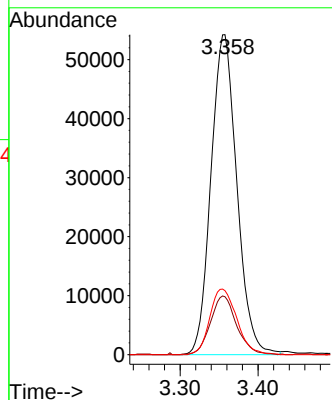
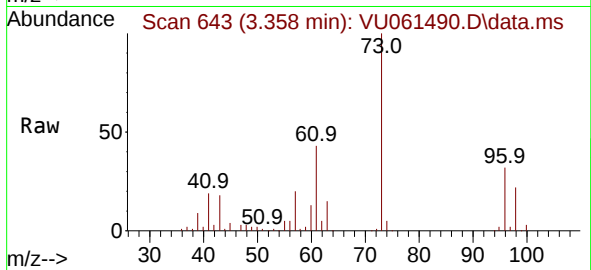




#17
Methyl tert-butyl Ether
Concen: 4.855 ug/L
RT: 3.358 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

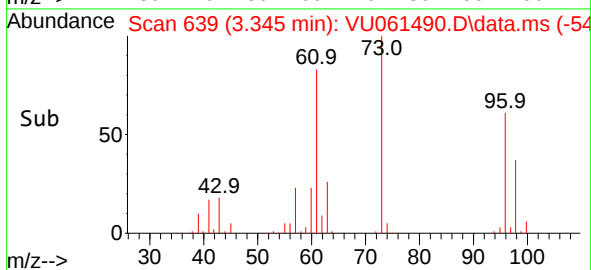
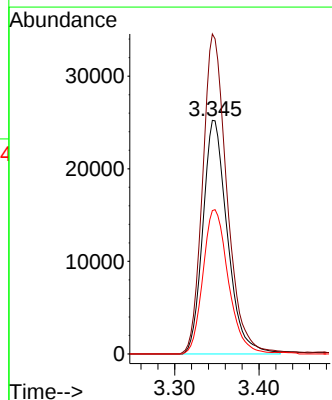
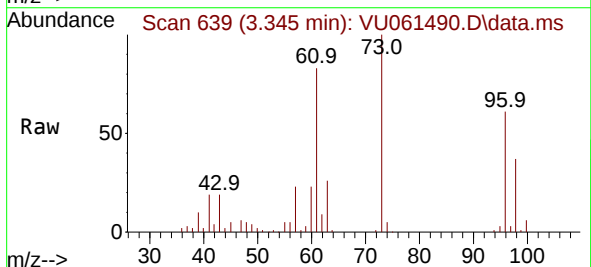
Instrument :
MSVOA_U
ClientSampleId :

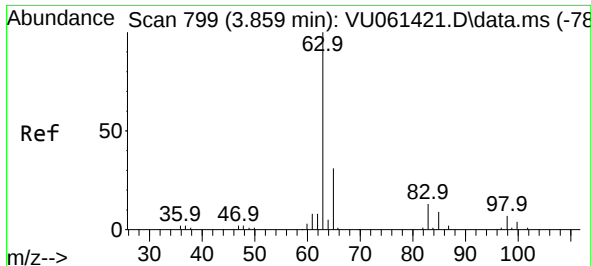
Tgt Ion: 73 Resp: 125160
Ion Ratio Lower Upper
73 100
43 18.6 15.0 22.4
57 21.4 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.855 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

Tgt Ion: 96 Resp: 51064
Ion Ratio Lower Upper
96 100
61 137.0 97.9 181.7
98 61.4 46.2 85.8

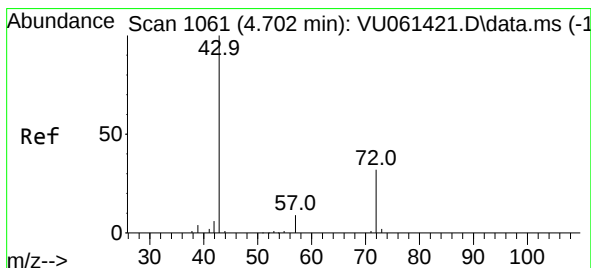
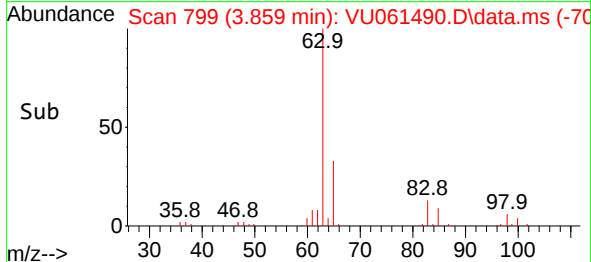
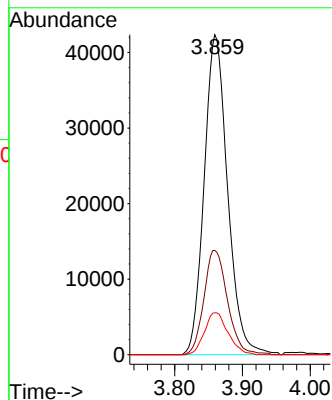
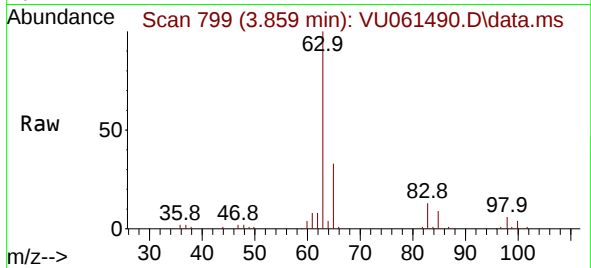




#19
1,1-Dichloroethane
Concen: 5.134 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

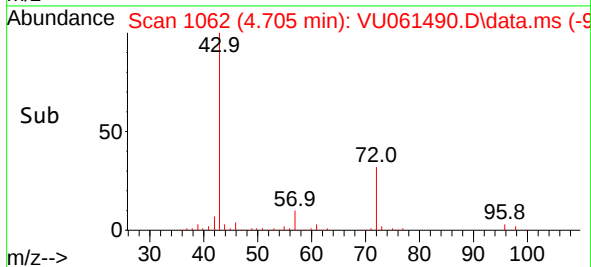
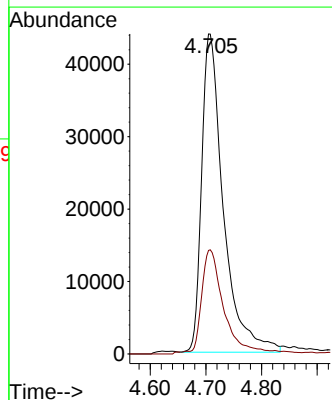
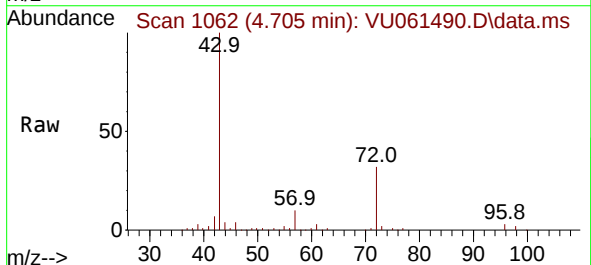
Instrument :
MSVOA_U
ClientSampleId :

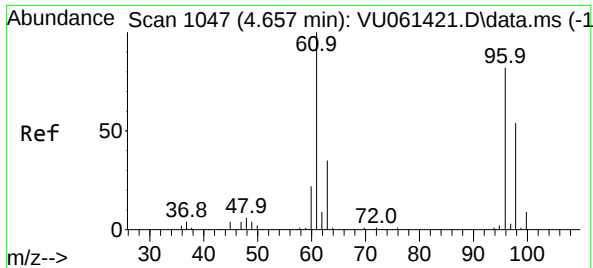
Tgt Ion: 63 Resp: 101840
Ion Ratio Lower Upper
63 100
65 32.6 23.0 42.6
83 13.1 9.7 17.9



#21
2-Butanone
Concen: 53.455 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.003 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

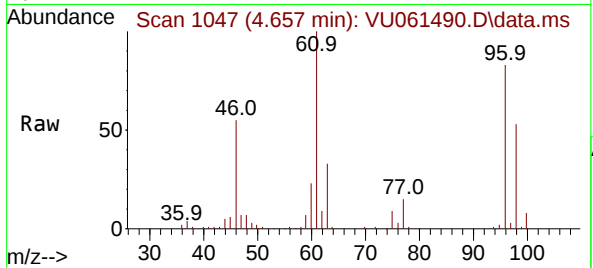
Tgt Ion: 43 Resp: 119101
Ion Ratio Lower Upper
43 100
72 31.0 15.9 47.6



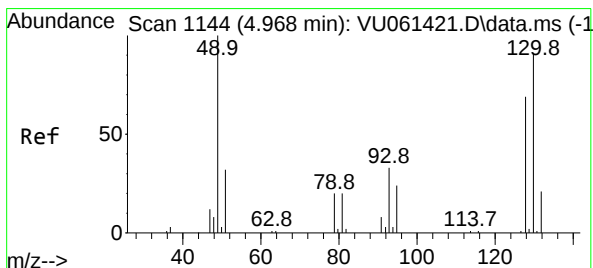
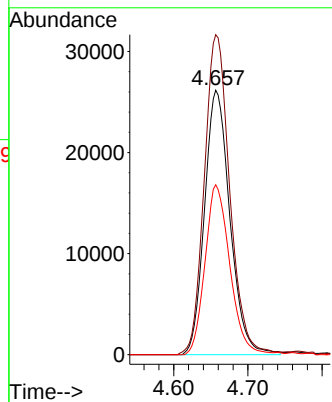
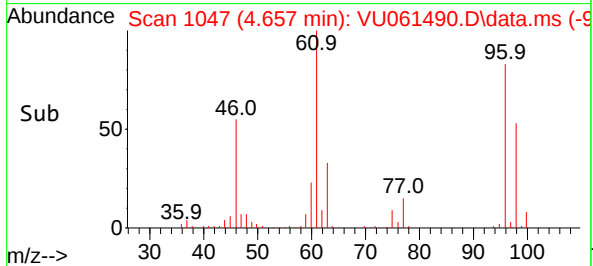


#22
cis-1,2-Dichloroethene
Concen: 5.178 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

Instrument :
MSVOA_U
ClientSampleId :

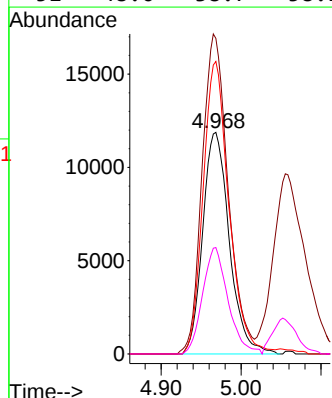
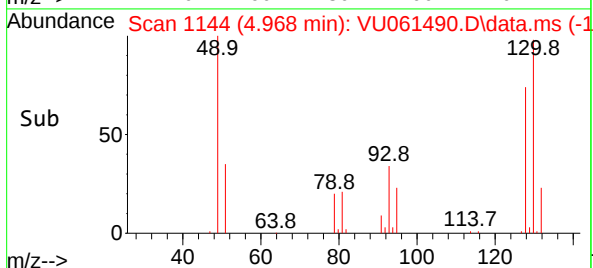
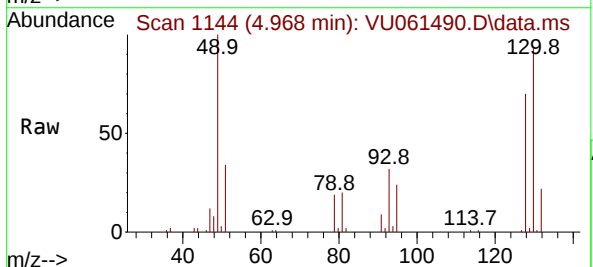


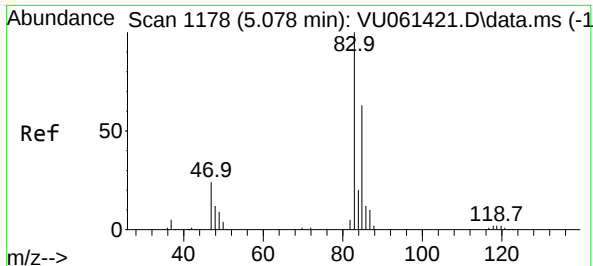
Tgt Ion: 96 Resp: 62215
Ion Ratio Lower Upper
96 100
61 121.0 88.1 163.5
98 64.2 45.0 83.6



#23
Bromochloromethane
Concen: 5.433 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

Tgt Ion: 128 Resp: 27464
Ion Ratio Lower Upper
128 100
49 147.0 105.1 195.1
130 132.0 89.6 166.4
51 48.0 38.7 58.1





#25

Chloroform

Concen: 5.212 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061490.D

Acq: 06 Nov 2024 09:46

Instrument :

MSVOA_U

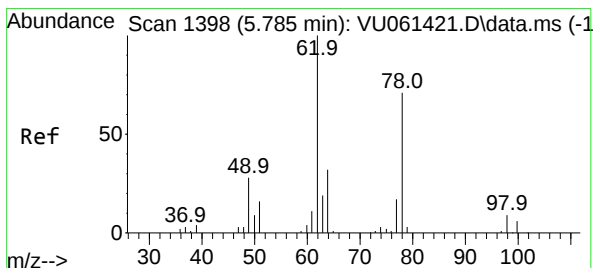
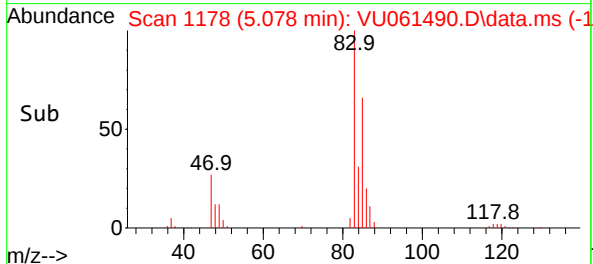
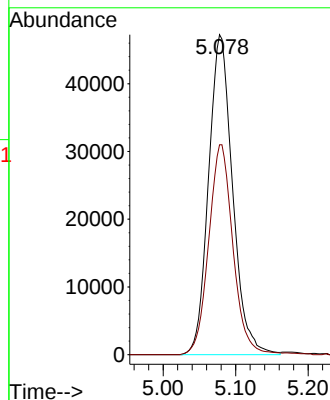
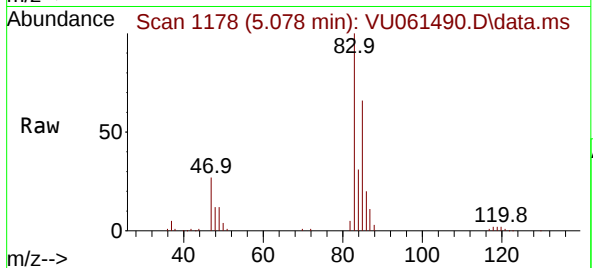
ClientSampleId :

Tgt Ion: 83 Resp: 108707

Ion Ratio Lower Upper

83 100

85 65.6 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.159 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061490.D

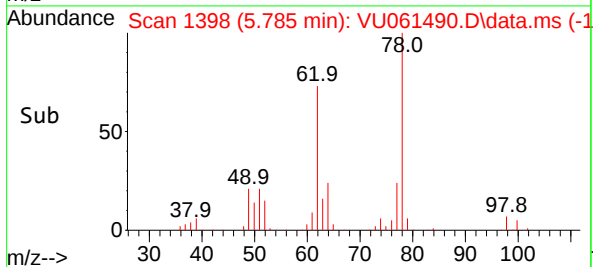
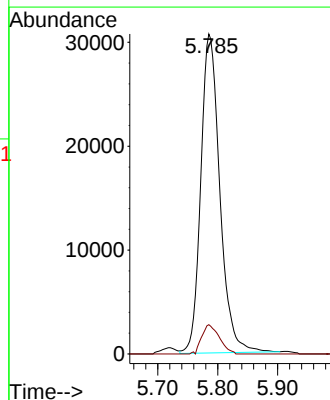
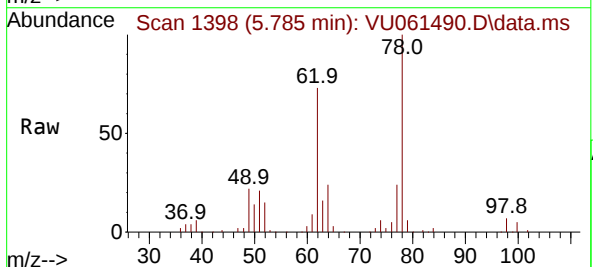
Acq: 06 Nov 2024 09:46

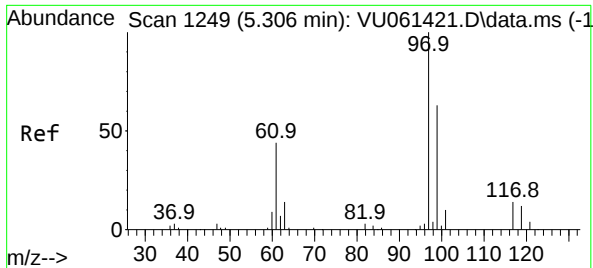
Tgt Ion: 62 Resp: 68000

Ion Ratio Lower Upper

62 100

98 9.1 7.4 11.0

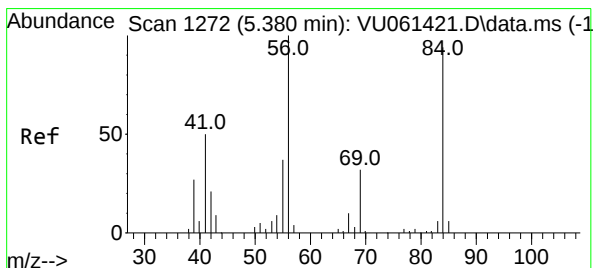
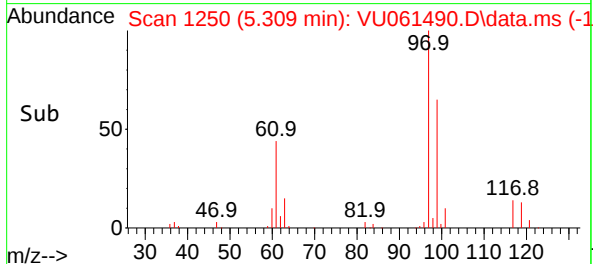
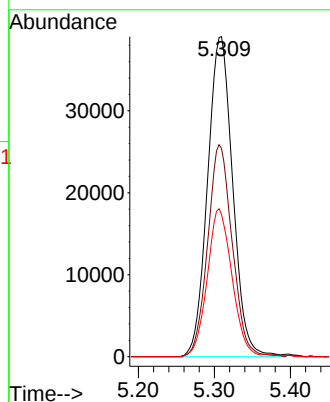
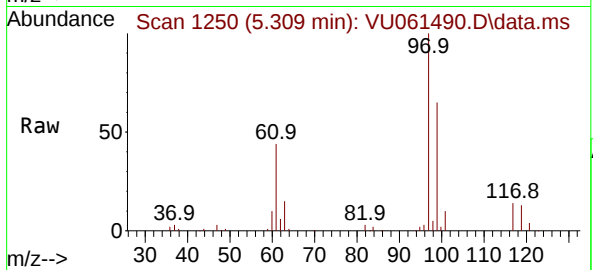




#29
1,1,1-Trichloroethane
Concen: 4.756 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

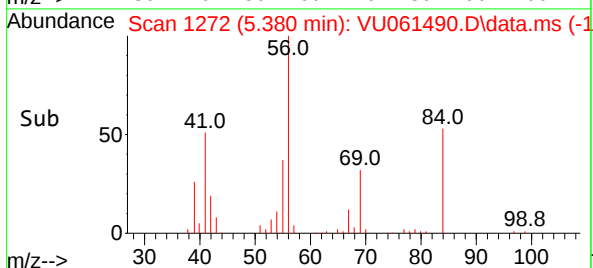
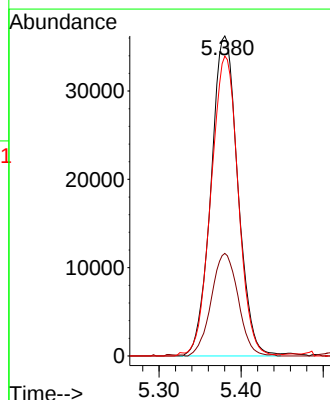
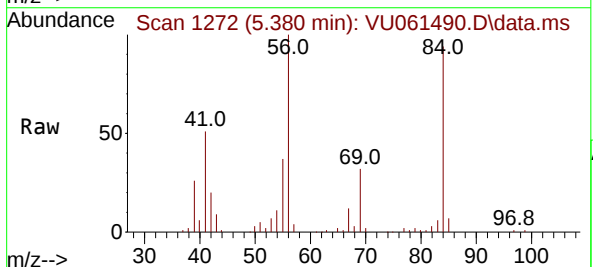
Instrument :
MSVOA_U
ClientSampleId :

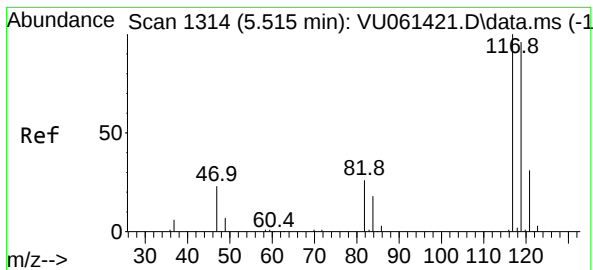
Tgt Ion: 97	Resp: 89651
Ion Ratio	Lower Upper
97 100	
99 64.5	50.8 76.2
61 45.3	36.1 54.1



#30
Cyclohexane
Concen: 4.367 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

Tgt Ion: 56	Resp: 82555
Ion Ratio	Lower Upper
56 100	
69 32.2	25.8 38.6
84 94.7	73.9 110.9





#31

Carbon tetrachloride

Concen: 4.581 ug/L

RT: 5.515 min Scan# 117

Delta R.T. 0.000 min

Lab File: VU061490.D

Acq: 06 Nov 2024 09:46

Instrument :

MSVOA_U

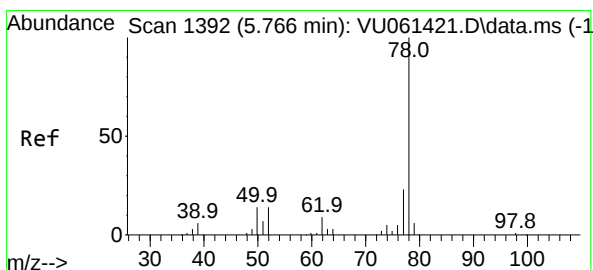
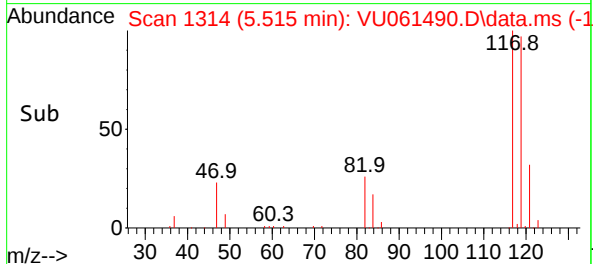
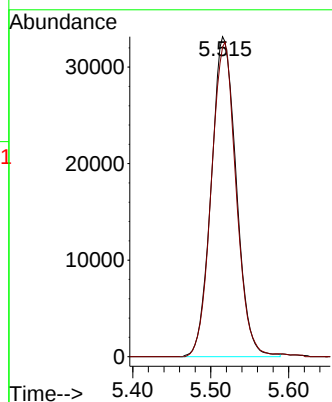
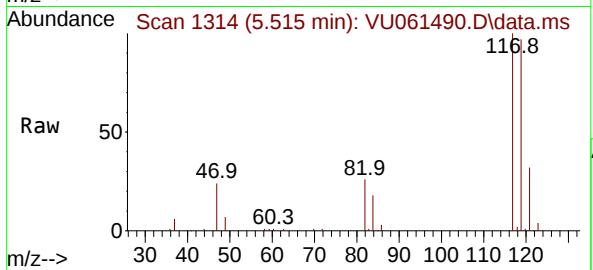
ClientSampleId :

Tgt Ion:117 Resp: 73874

Ion Ratio Lower Upper

117 100

119 97.1 75.5 113.3



#33

Benzene

Concen: 4.957 ug/L

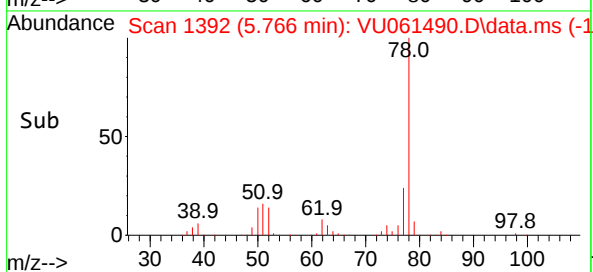
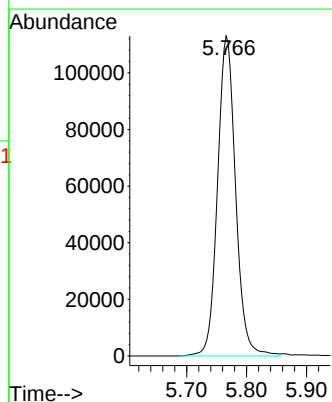
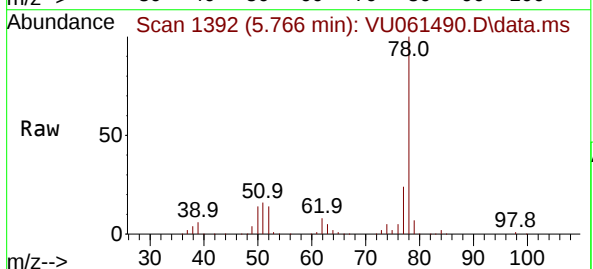
RT: 5.766 min Scan# 1392

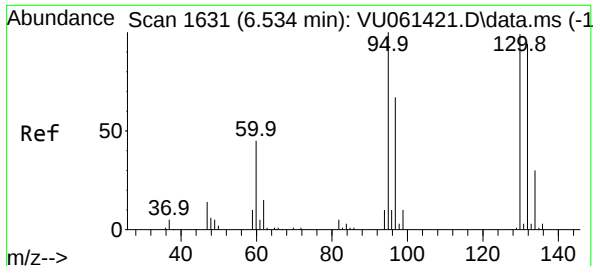
Delta R.T. 0.000 min

Lab File: VU061490.D

Acq: 06 Nov 2024 09:46

Tgt Ion: 78 Resp: 235954

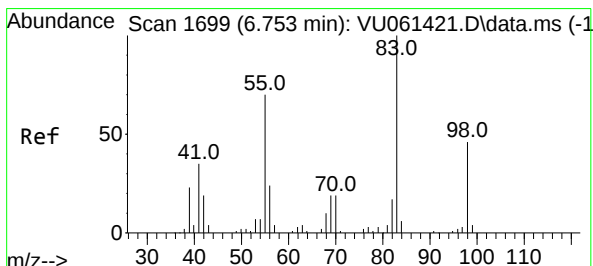
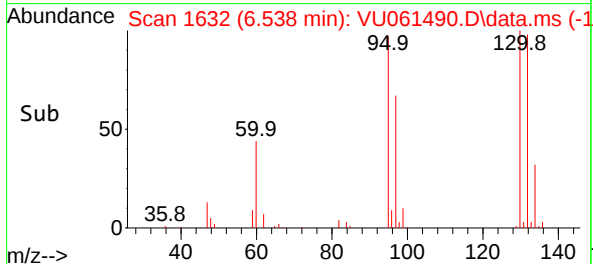
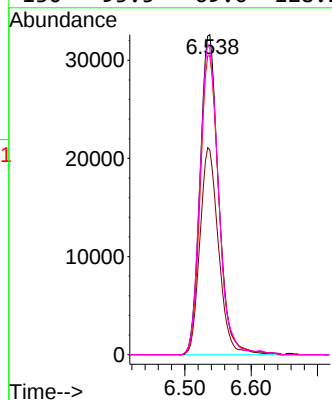
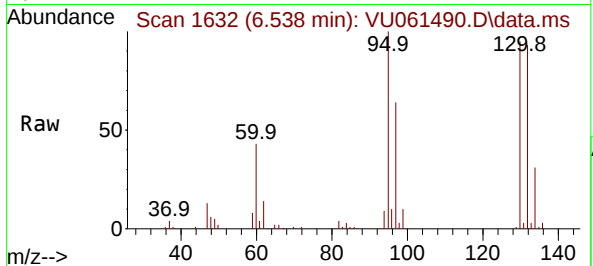




#34
Trichloroethene
Concen: 4.894 ug/L
RT: 6.538 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

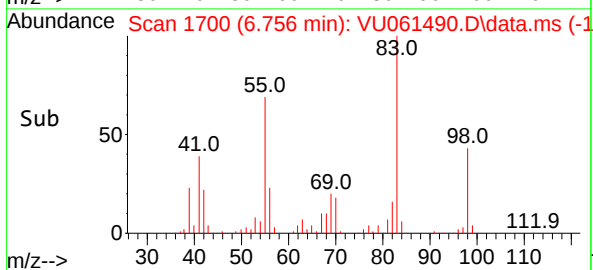
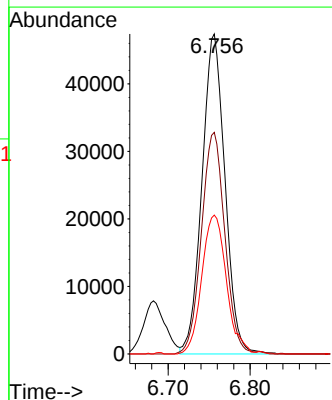
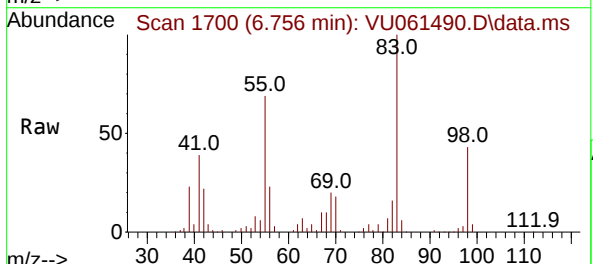
Instrument :
MSVOA_U
ClientSampleId :

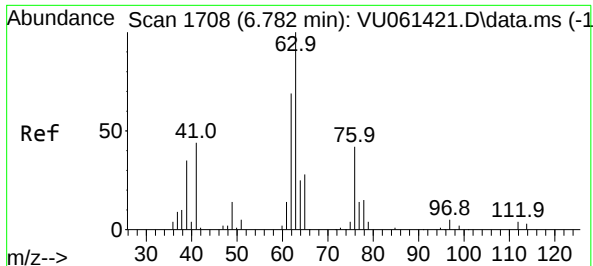
Tgt Ion: 95 Resp: 63374
Ion Ratio Lower Upper
95 100
97 64.0 46.1 85.7
132 93.3 66.1 122.7
130 95.5 69.0 128.2



#35
Methylcyclohexane
Concen: 4.474 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

Tgt Ion: 83 Resp: 92199
Ion Ratio Lower Upper
83 100
55 70.4 55.9 83.9
98 46.4 35.9 53.9

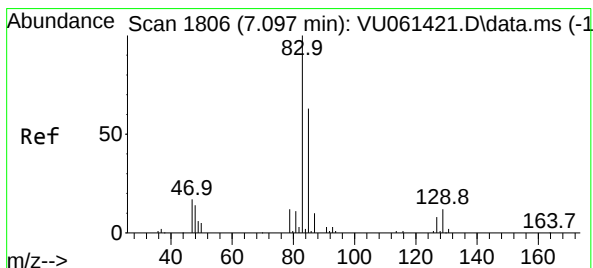
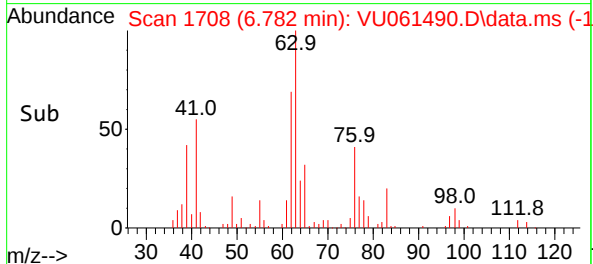
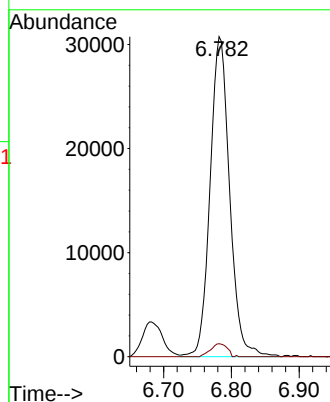
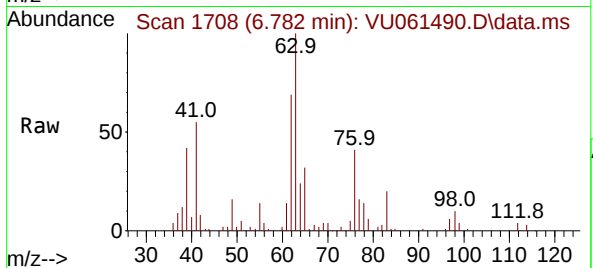




#37
1,2-Dichloropropane
Concen: 5.104 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

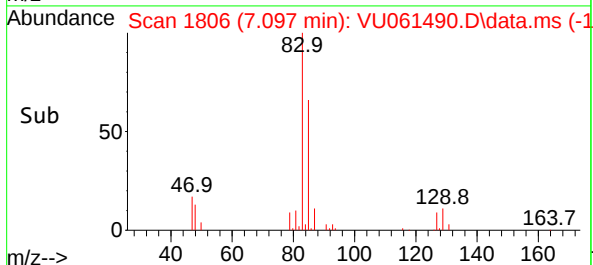
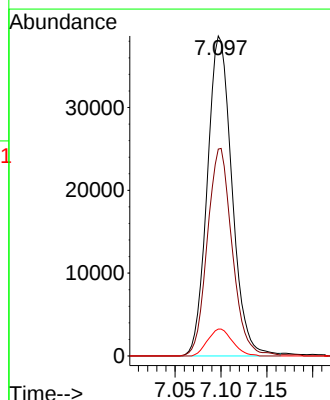
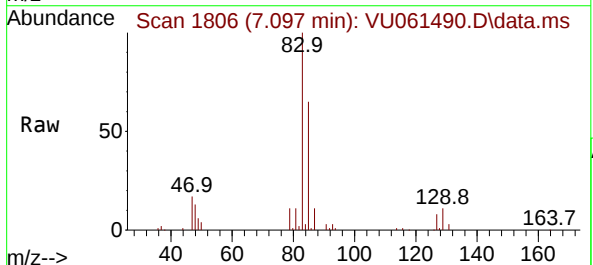
Instrument :
MSVOA_U
ClientSampleId :

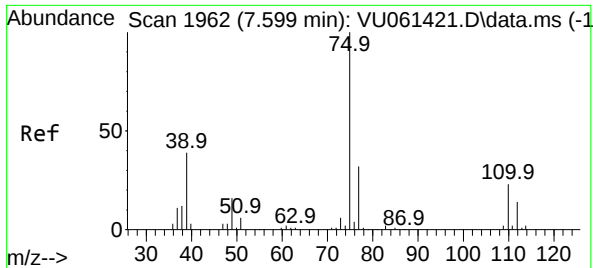
Tgt Ion: 63 Resp: 61586
Ion Ratio Lower Upper
63 100
112 3.4 3.0 4.4



#38
Bromodichloromethane
Concen: 4.744 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

Tgt Ion: 83 Resp: 72446
Ion Ratio Lower Upper
83 100
85 64.7 43.8 81.4
127 8.4 7.4 11.0

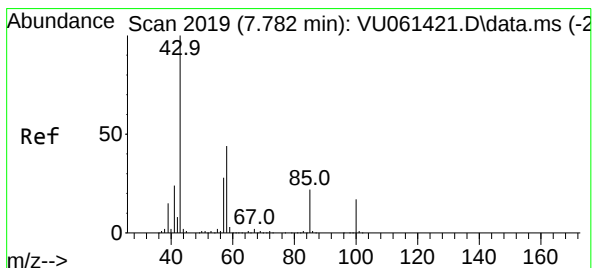
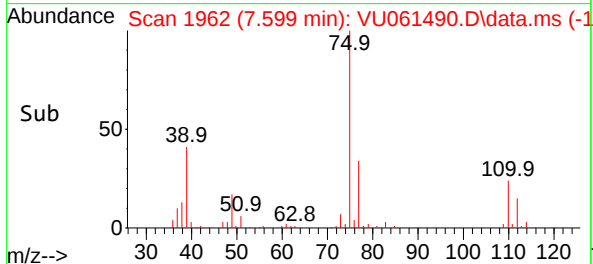
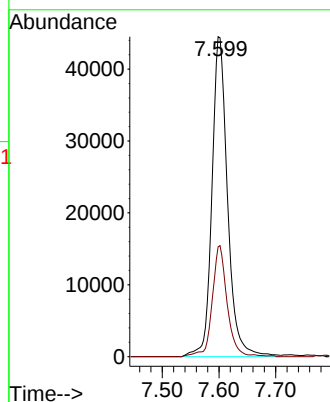
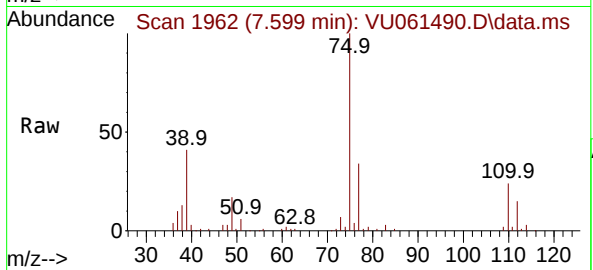




#39
cis-1,3-Dichloropropene
Concen: 4.580 ug/L
RT: 7.599 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

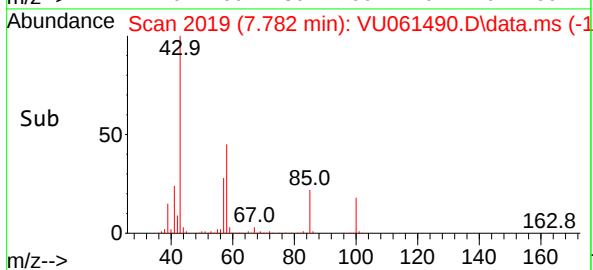
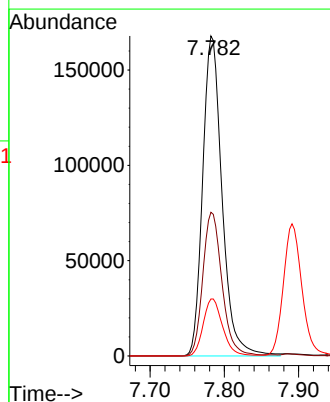
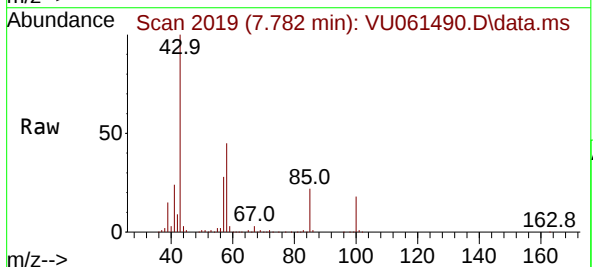
Instrument :
MSVOA_U
ClientSampleId :

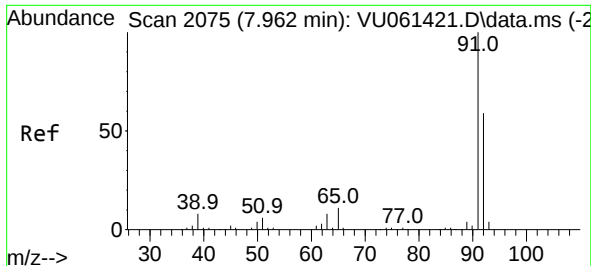
Tgt Ion: 75 Resp: 85358
Ion Ratio Lower Upper
75 100
77 34.4 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 50.737 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

Tgt Ion: 43 Resp: 304683
Ion Ratio Lower Upper
43 100
58 44.6 35.1 52.7
100 17.9 14.0 21.0





#42

Toluene

Concen: 4.985 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061490.D

Acq: 06 Nov 2024 09:46

Instrument :

MSVOA_U

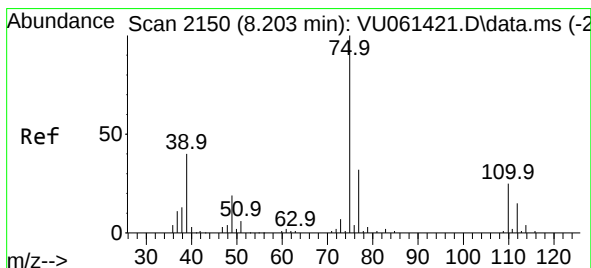
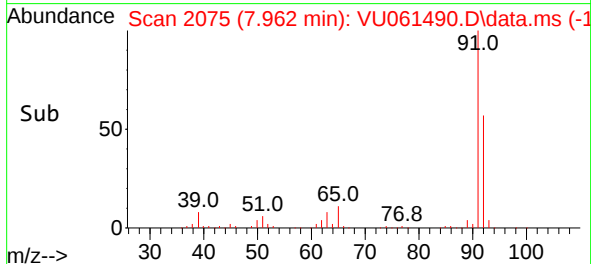
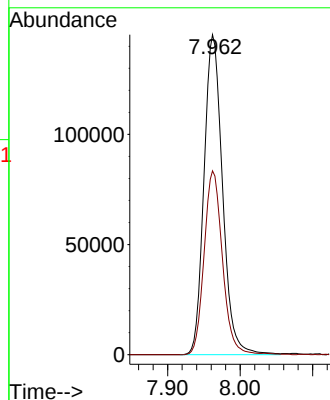
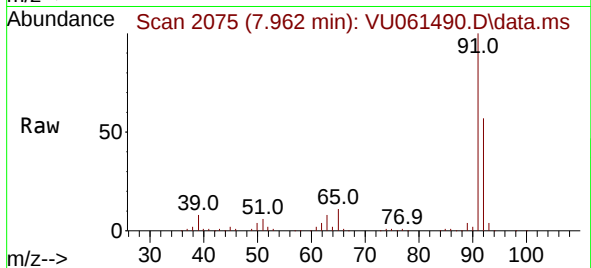
ClientSampleId :

Tgt Ion: 91 Resp: 257697

Ion Ratio Lower Upper

91 100

92 57.5 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.521 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061490.D

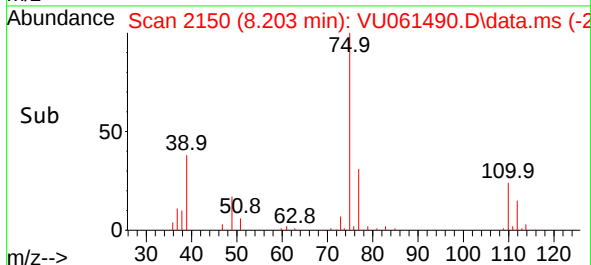
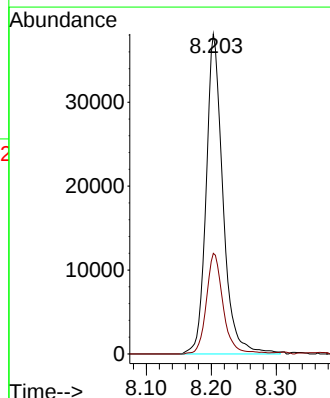
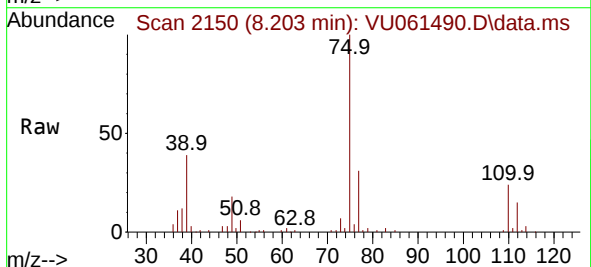
Acq: 06 Nov 2024 09:46

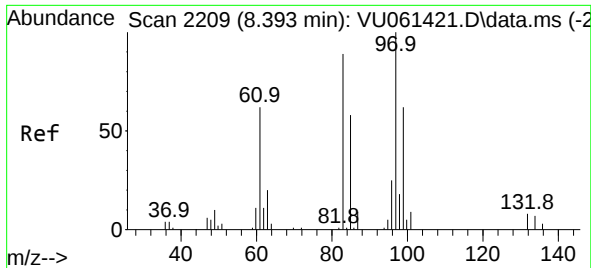
Tgt Ion: 75 Resp: 68654

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8



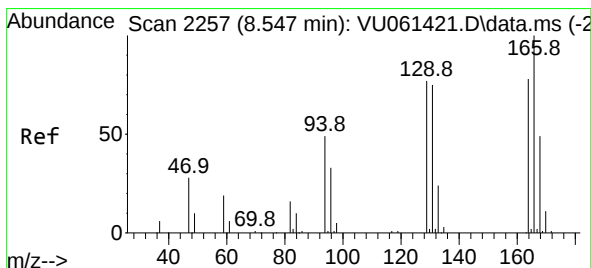
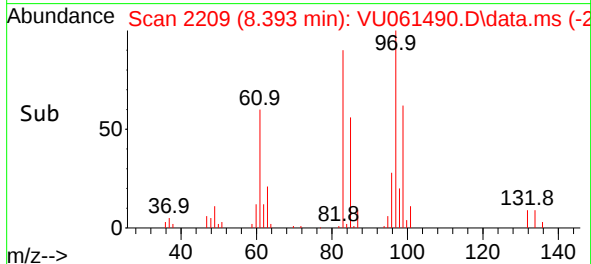
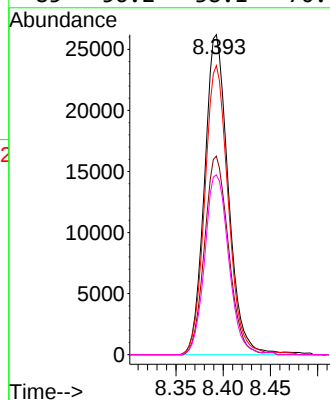
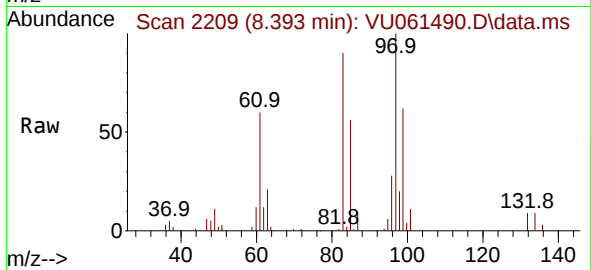


#45
1,1,2-Trichloroethane
Concen: 5.265 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 45713

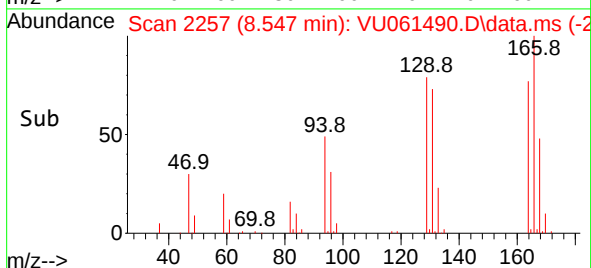
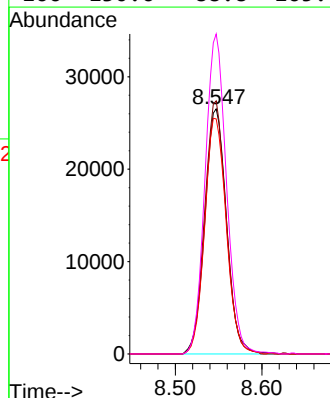
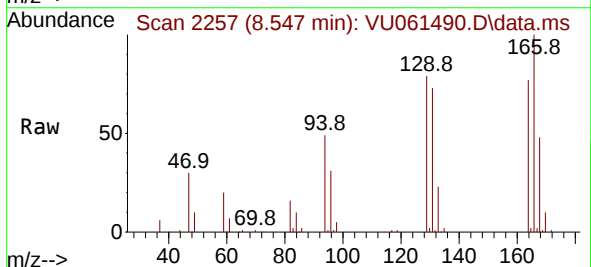
Ion	Ratio	Lower	Upper
97	100		
99	62.1	44.1	81.9
83	90.4	61.2	113.6
85	56.2	38.1	70.7

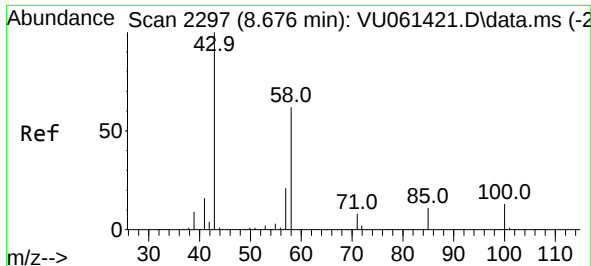


#47
Tetrachloroethene
Concen: 5.105 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

Tgt Ion: 164 Resp: 46170

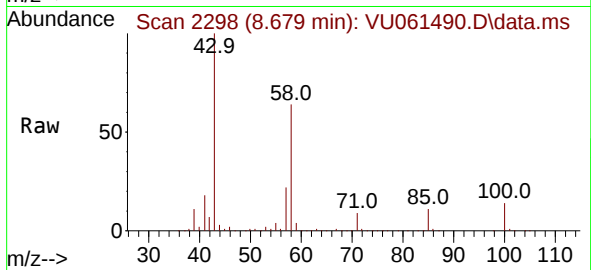
Ion	Ratio	Lower	Upper
164	100		
129	103.3	69.9	129.7
131	95.9	68.3	126.8
166	130.6	88.8	165.0





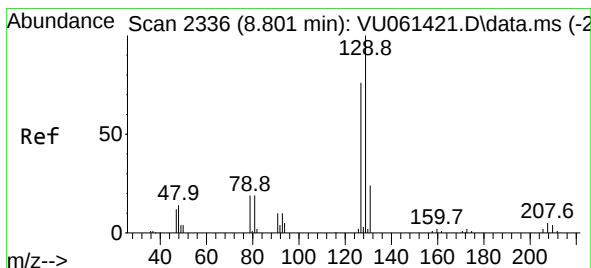
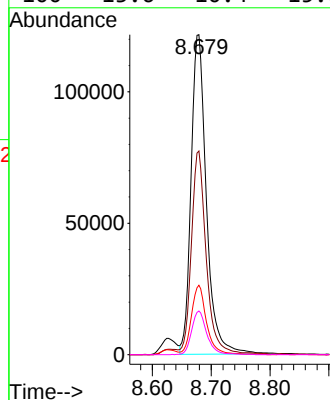
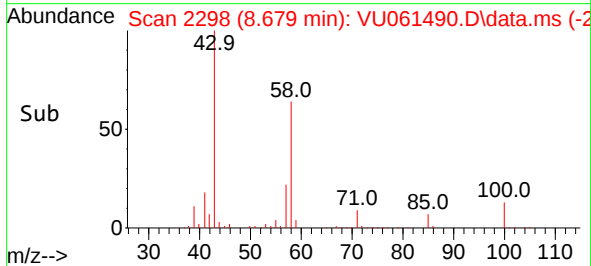
#48
2-Hexanone
Concen: 51.858 ug/L
RT: 8.679 min Scan# 2297
Delta R.T. 0.003 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 220212

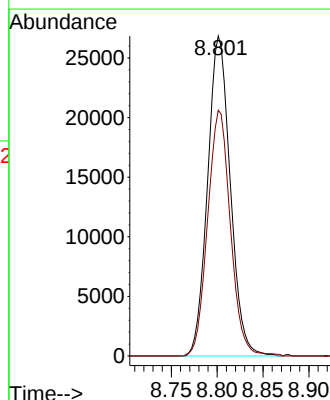
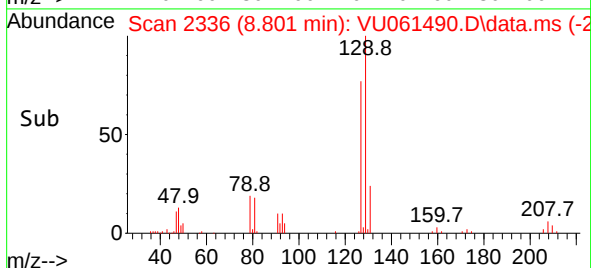
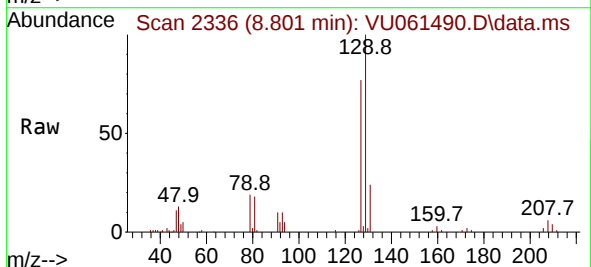
Ion	Ratio	Lower	Upper
43	100		
58	61.4	48.6	72.8
57	21.1	17.0	25.6
100	13.6	10.4	15.6

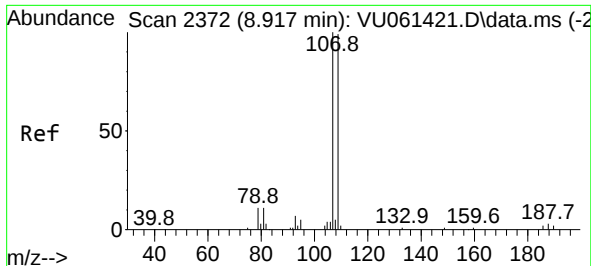


#49
Dibromochloromethane
Concen: 4.696 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

Tgt Ion: 129 Resp: 46247

Ion	Ratio	Lower	Upper
129	100		
127	76.8	51.8	96.2





#50

1,2-Dibromoethane

Concen: 5.039 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU061490.D

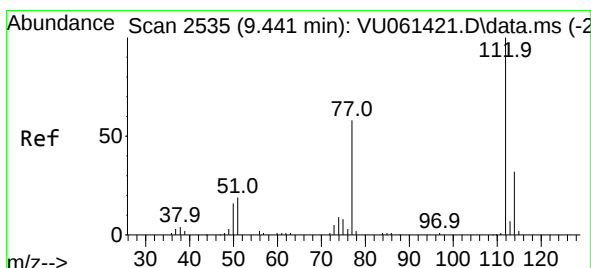
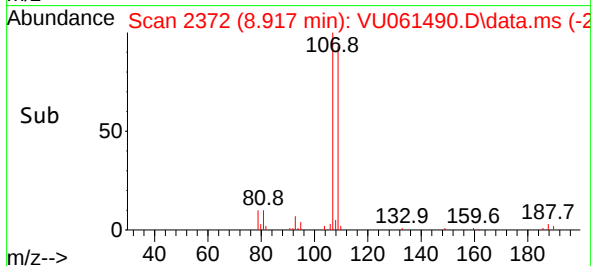
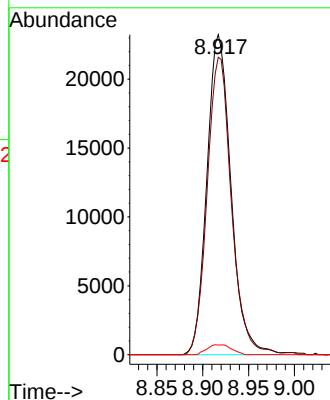
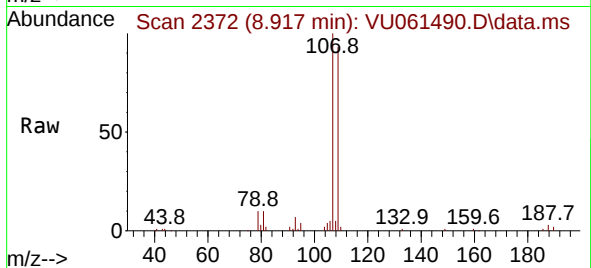
Acq: 06 Nov 2024 09:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	42504
Ion	Ratio	Lower	Upper
107	100		
109	92.9	63.4	117.8
188	3.0	2.6	3.8



#51

Chlorobenzene

Concen: 5.044 ug/L

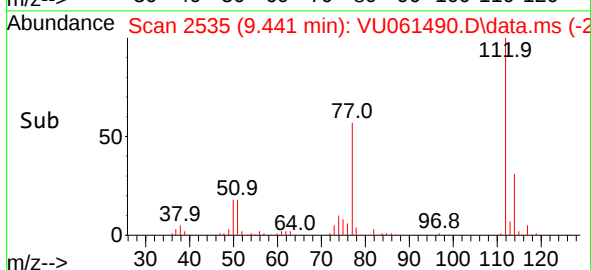
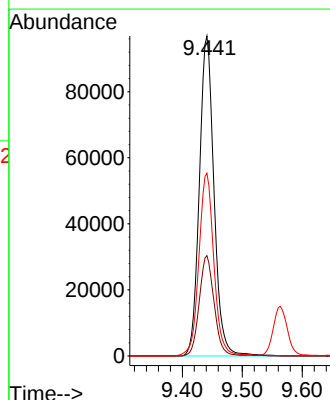
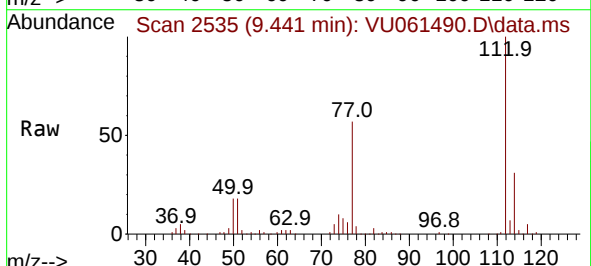
RT: 9.441 min Scan# 2535

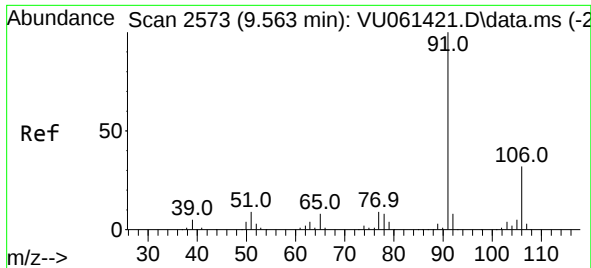
Delta R.T. 0.003 min

Lab File: VU061490.D

Acq: 06 Nov 2024 09:46

Tgt Ion:	112	Resp:	164801
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.9	42.5
77	57.1	47.1	70.7

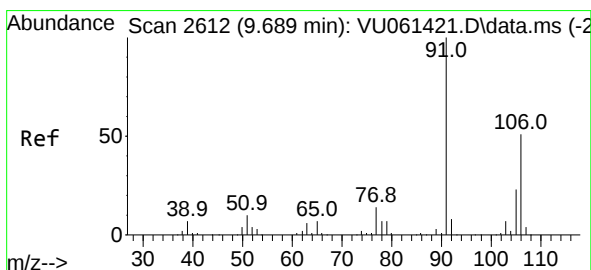
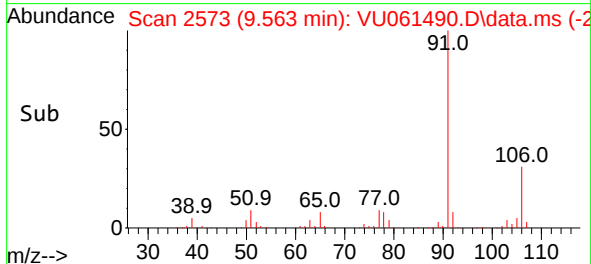
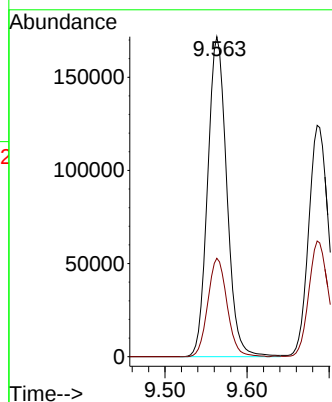
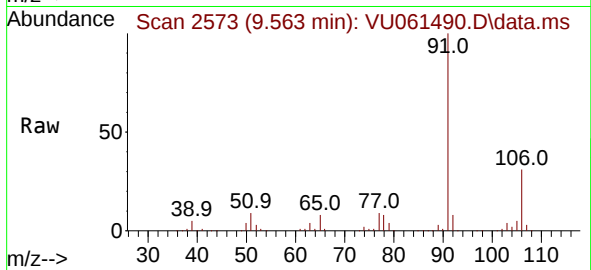




#52
Ethylbenzene
Concen: 4.888 ug/L
RT: 9.563 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

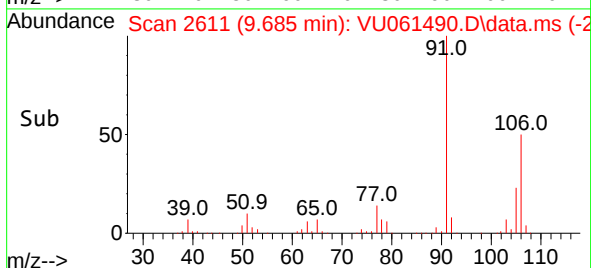
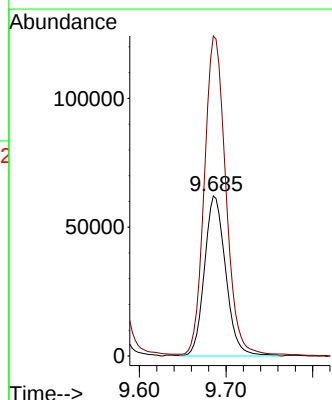
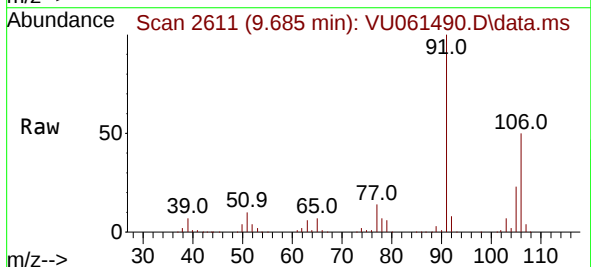
Instrument :
MSVOA_U
ClientSampleId :

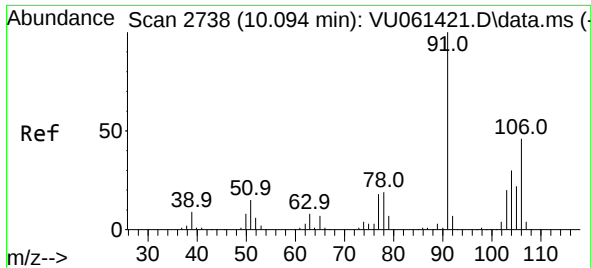
Tgt Ion: 91 Resp: 277926
Ion Ratio Lower Upper
91 100
106 30.7 22.0 41.0



#53
m,p-Xylene
Concen: 4.883 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

Tgt Ion:106 Resp: 105767
Ion Ratio Lower Upper
106 100
91 200.0 145.7 270.7

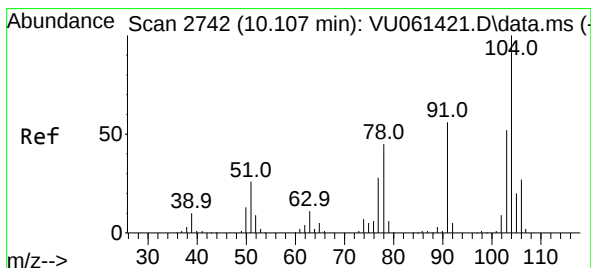
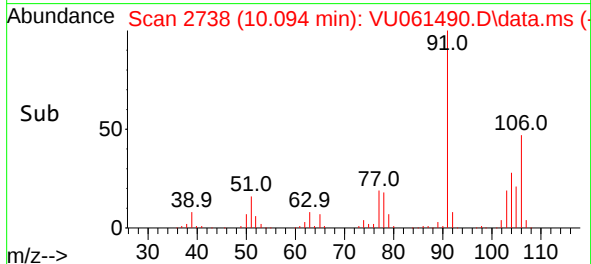
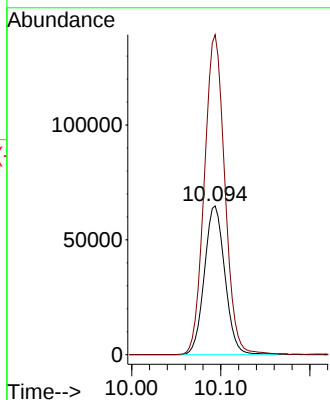
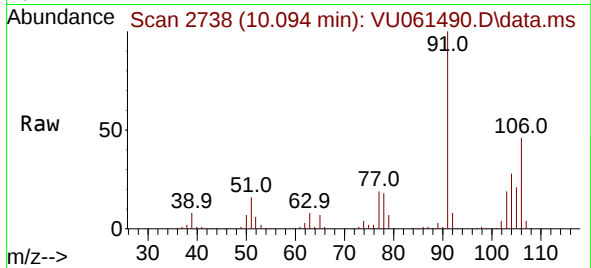




#54
o-Xylene
Concen: 4.848 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

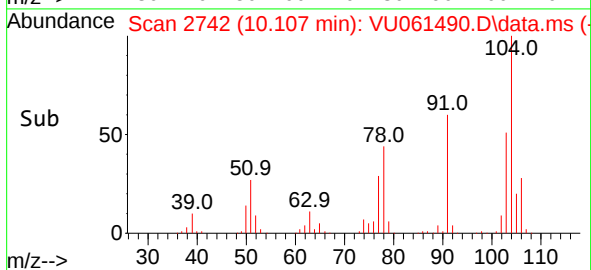
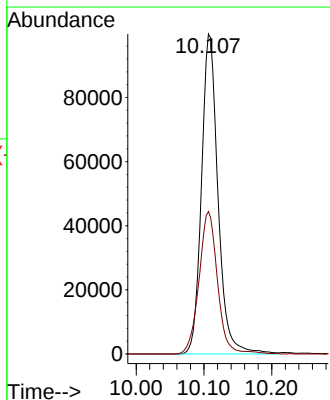
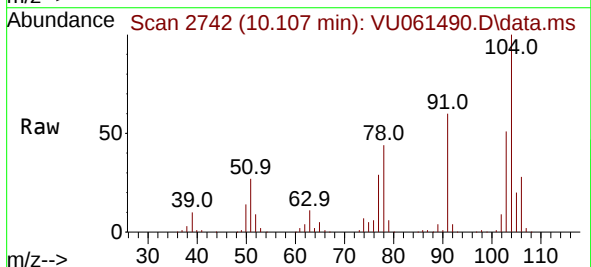
Instrument :
MSVOA_U
ClientSampleId :

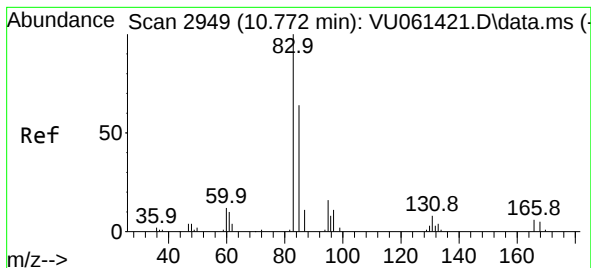
Tgt Ion:106 Resp: 103648
Ion Ratio Lower Upper
106 100
91 215.1 148.8 276.4



#55
Styrene
Concen: 4.945 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

Tgt Ion:104 Resp: 169481
Ion Ratio Lower Upper
104 100
78 44.5 32.3 59.9

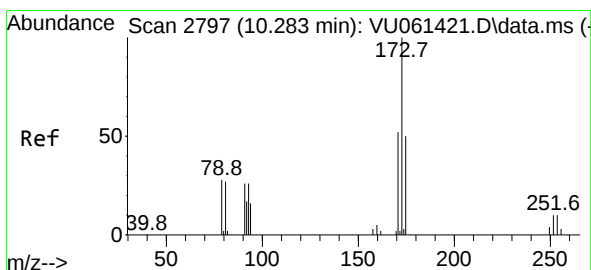
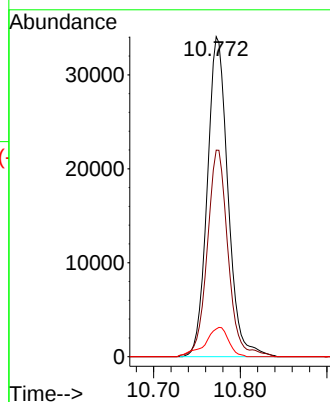
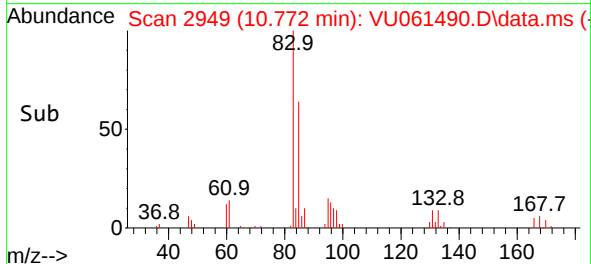
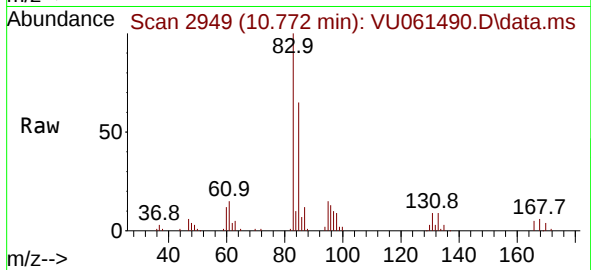




#57
1,1,2,2-Tetrachloroethane
Concen: 5.399 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

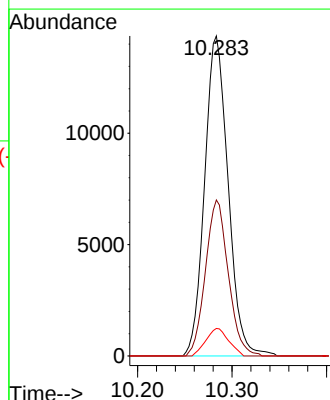
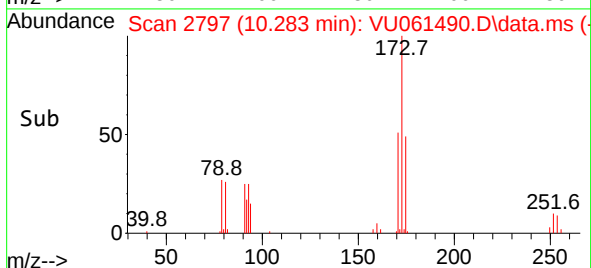
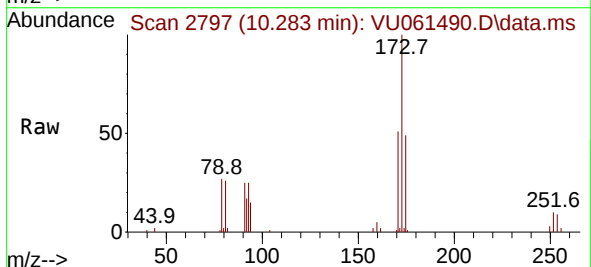
Instrument :
MSVOA_U
ClientSampleId :

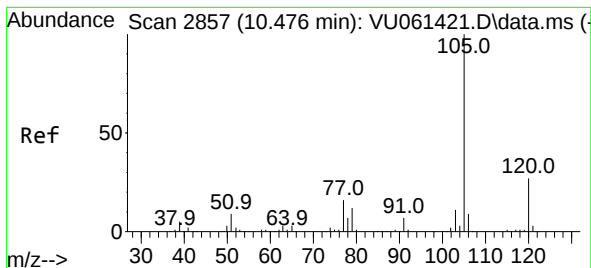
Tgt Ion: 83 Resp: 56488
Ion Ratio Lower Upper
83 100
85 64.6 45.3 84.1
131 8.6 7.6 11.4



#59
Bromoform
Concen: 4.419 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

Tgt Ion: 173 Resp: 24784
Ion Ratio Lower Upper
173 100
175 47.4 39.0 58.4
254 8.3 6.8 10.2





#60

Isopropylbenzene

Concen: 4.799 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061490.D

Acq: 06 Nov 2024 09:46

Instrument :

MSVOA_U

ClientSampleId :

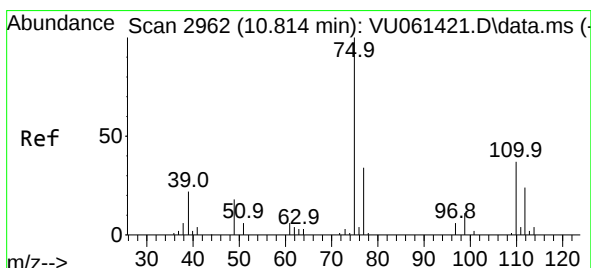
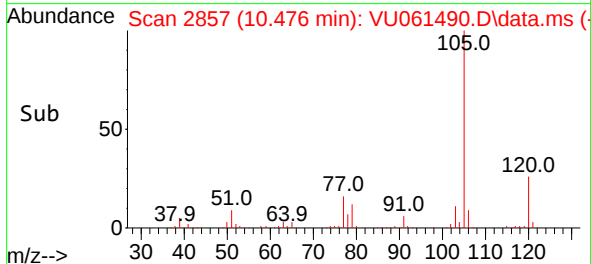
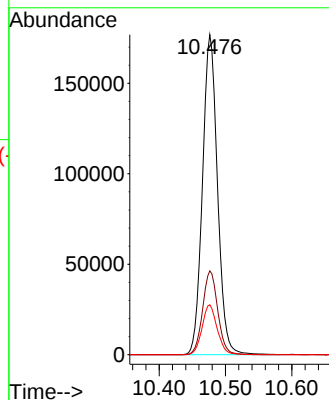
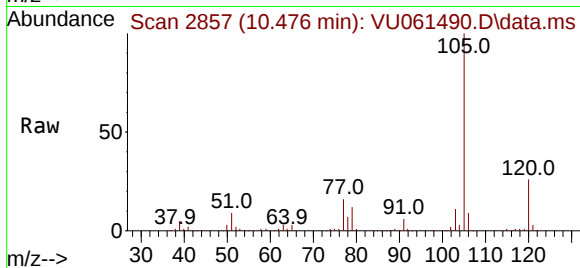
Tgt Ion:105 Resp: 277745

Ion Ratio Lower Upper

105 100

120 26.3 21.2 31.8

77 15.7 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.080 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061490.D

Acq: 06 Nov 2024 09:46

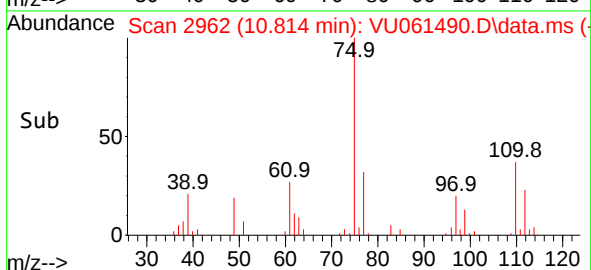
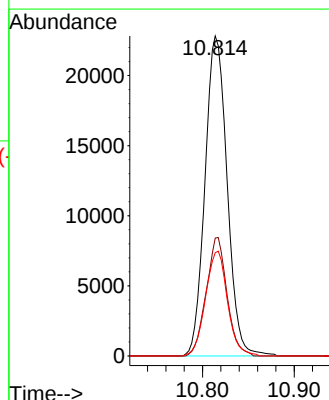
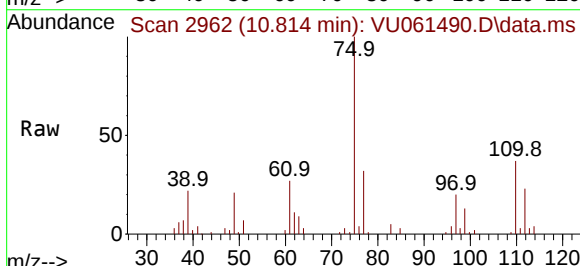
Tgt Ion: 75 Resp: 38341

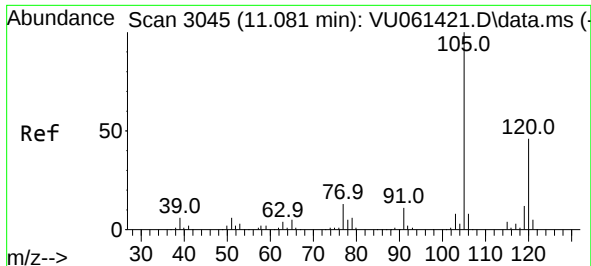
Ion Ratio Lower Upper

75 100

110 34.8 28.8 43.2

77 32.5 25.7 38.5





#62

1,3,5-Trimethylbenzene

Concen: 4.626 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061490.D

Acq: 06 Nov 2024 09:46

Instrument :

MSVOA_U

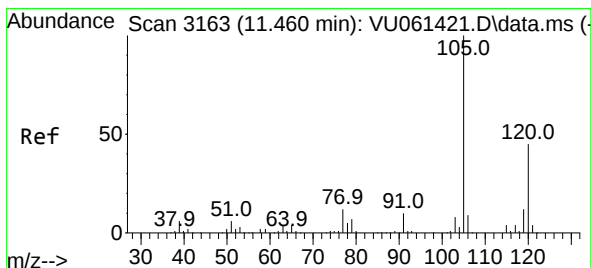
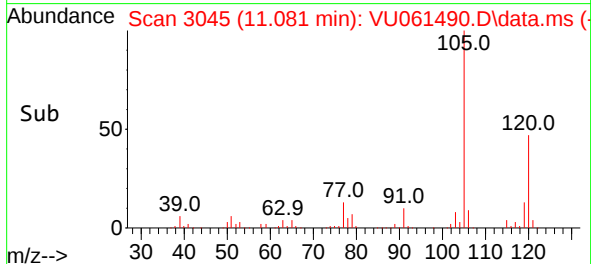
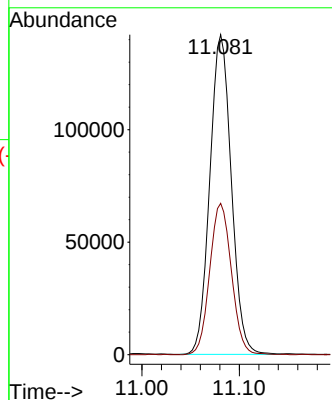
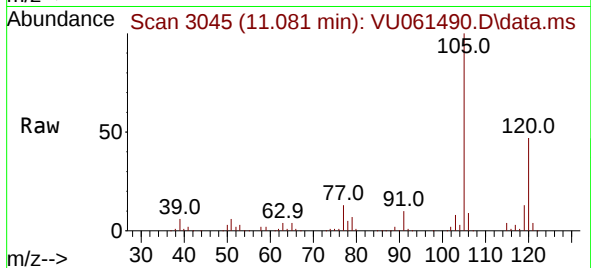
ClientSampleId :

Tgt Ion:105 Resp: 217994

Ion Ratio Lower Upper

105 100

120 47.8 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.617 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061490.D

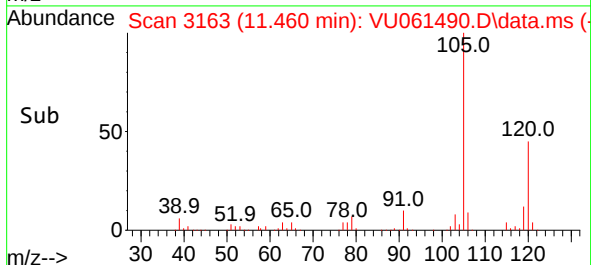
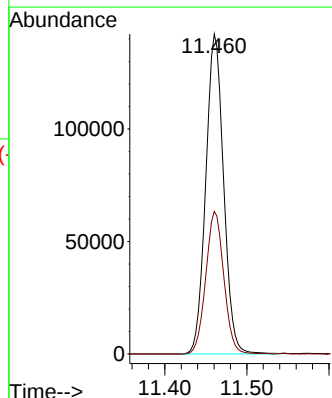
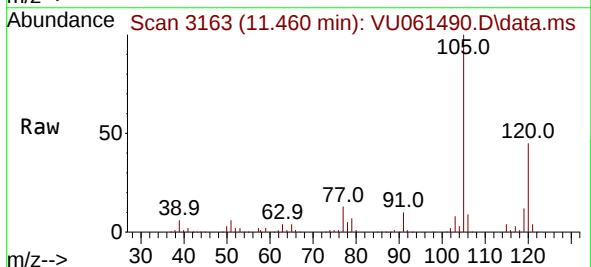
Acq: 06 Nov 2024 09:46

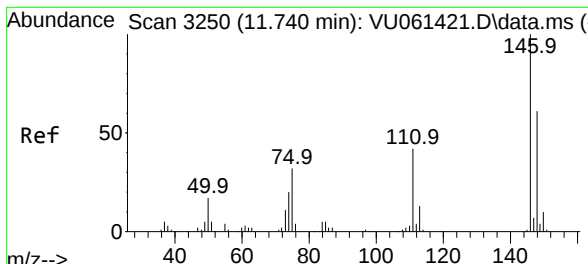
Tgt Ion:105 Resp: 215039

Ion Ratio Lower Upper

105 100

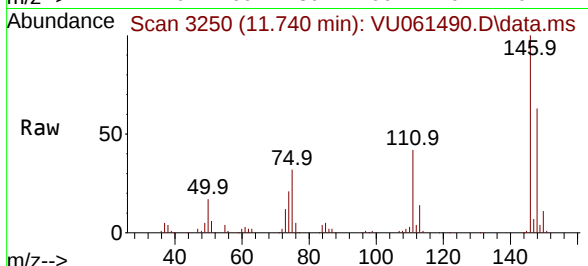
120 45.0 35.4 53.0



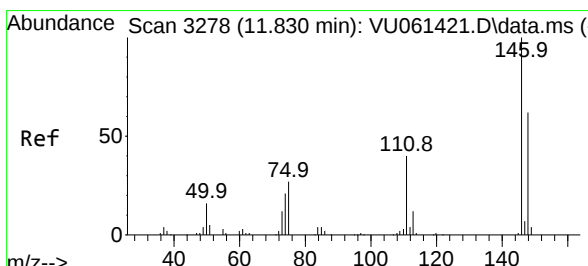
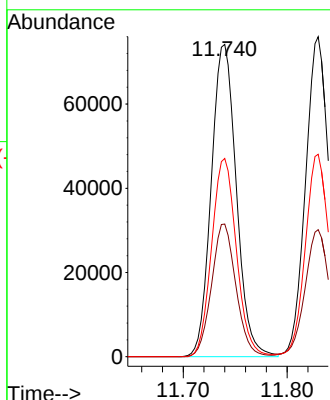
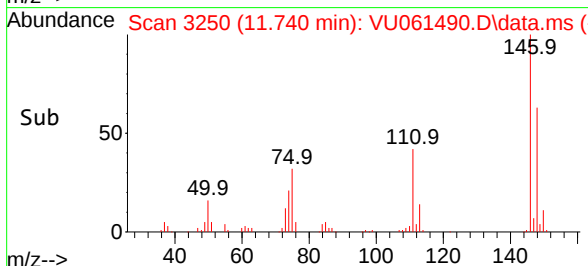


#64
 1,3-Dichlorobenzene
 Concen: 5.107 ug/L
 RT: 11.740 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU061490.D
 Acq: 06 Nov 2024 09:46

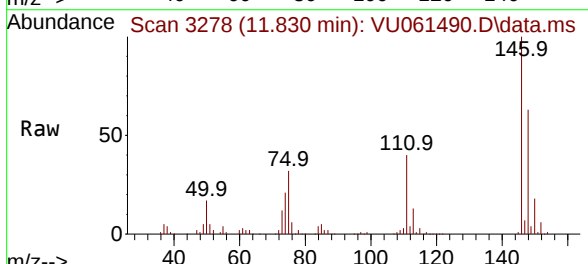
Instrument :
 MSVOA_U
 ClientSampleId :



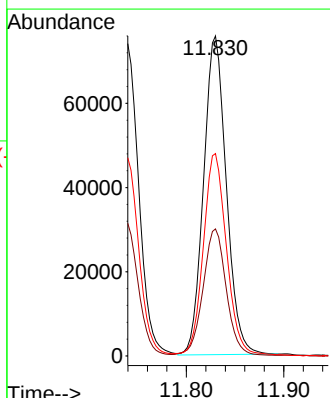
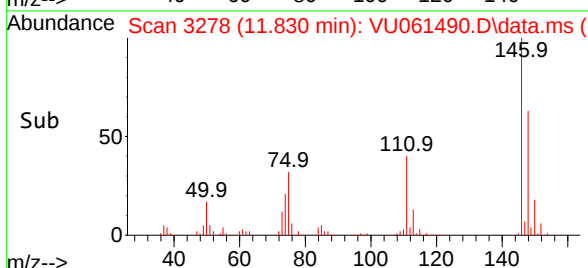
Tgt Ion:146 Resp: 124395
 Ion Ratio Lower Upper
 146 100
 111 42.4 30.0 55.8
 148 63.5 45.1 83.7

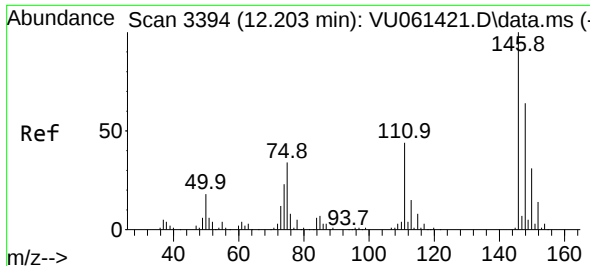


#65
 1,4-Dichlorobenzene
 Concen: 4.950 ug/L
 RT: 11.830 min Scan# 3278
 Delta R.T. 0.003 min
 Lab File: VU061490.D
 Acq: 06 Nov 2024 09:46



Tgt Ion:146 Resp: 122916
 Ion Ratio Lower Upper
 146 100
 111 39.7 28.2 52.4
 148 63.2 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 5.029 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU061490.D

Acq: 06 Nov 2024 09:46

Instrument :

MSVOA_U

ClientSampleId :

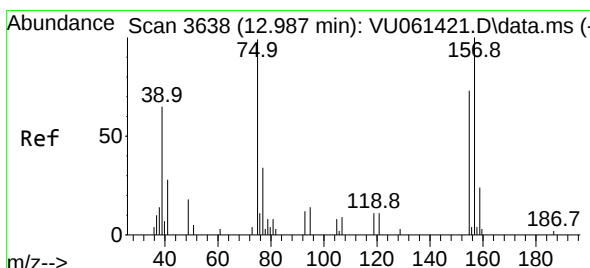
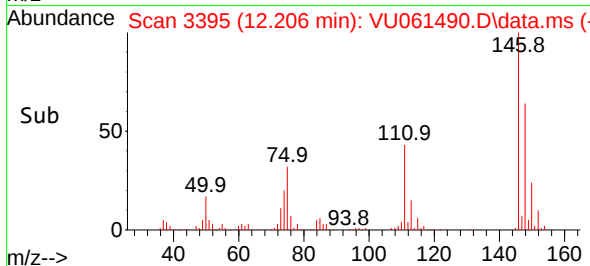
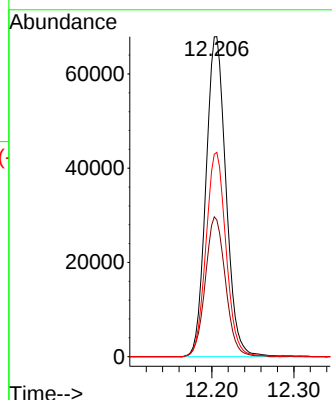
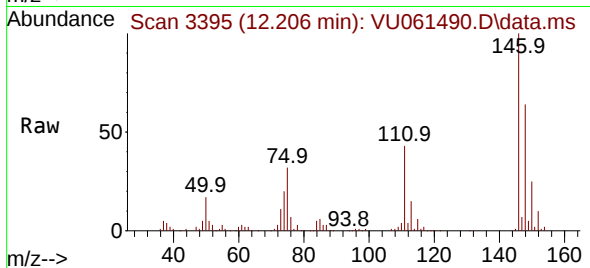
Tgt Ion:146 Resp: 115298

Ion Ratio Lower Upper

146 100

111 42.7 35.2 52.8

148 63.8 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.391 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU061490.D

Acq: 06 Nov 2024 09:46

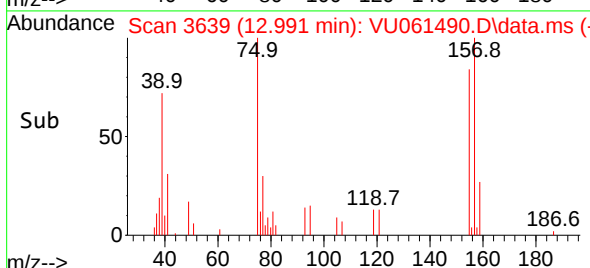
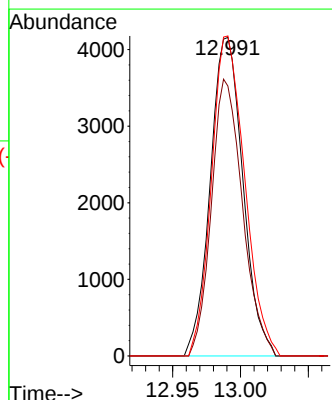
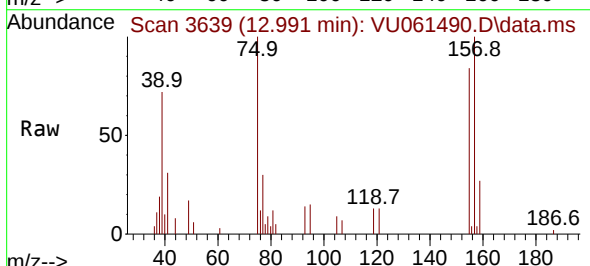
Tgt Ion: 75 Resp: 6959

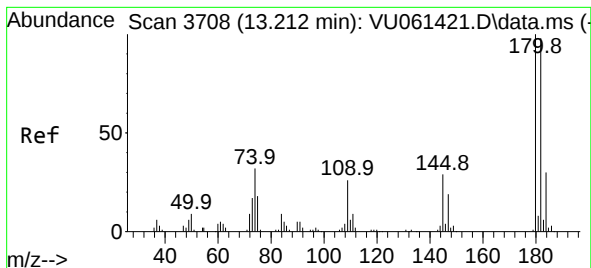
Ion Ratio Lower Upper

75 100

155 84.7 69.3 103.9

157 100.5 81.4 122.2





#69

1,3,5-Trichlorobenzene

Concen: 5.211 ug/L

RT: 13.213 min Scan# 31

Delta R.T. 0.000 min

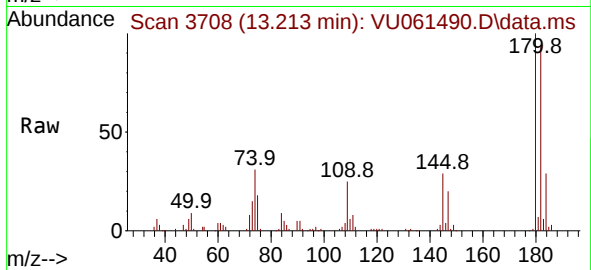
Lab File: VU061490.D

Acq: 06 Nov 2024 09:46

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 87012

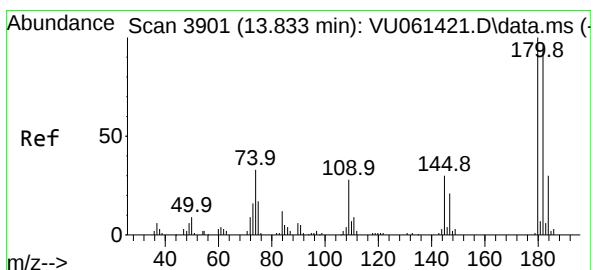
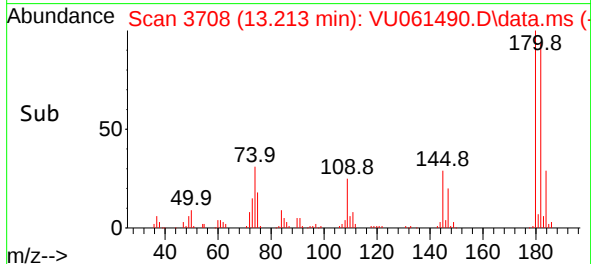
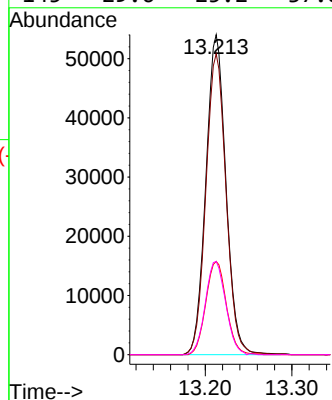
Ion Ratio Lower Upper

180 100

182 94.3 77.4 116.2

184 29.9 24.4 36.6

145 29.6 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 5.014 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061490.D

Acq: 06 Nov 2024 09:46

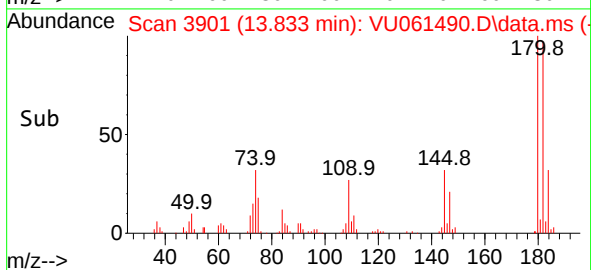
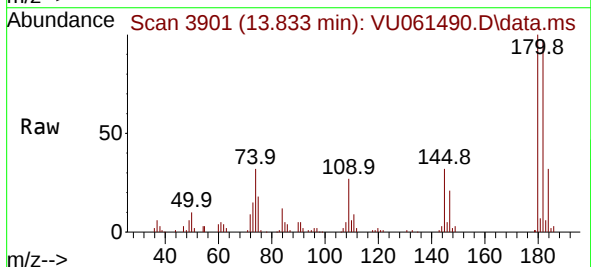
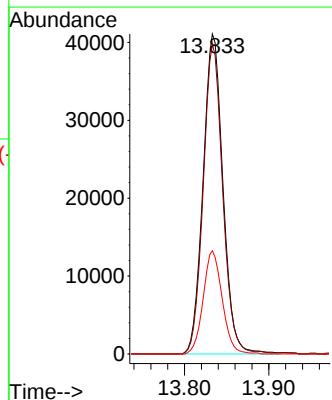
Tgt Ion:180 Resp: 67562

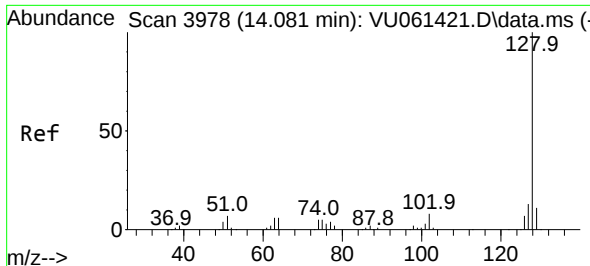
Ion Ratio Lower Upper

180 100

182 94.9 77.2 115.8

145 30.8 25.6 38.4

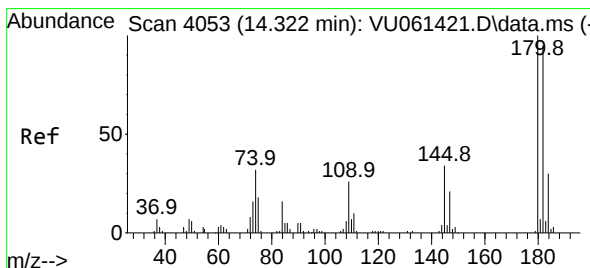
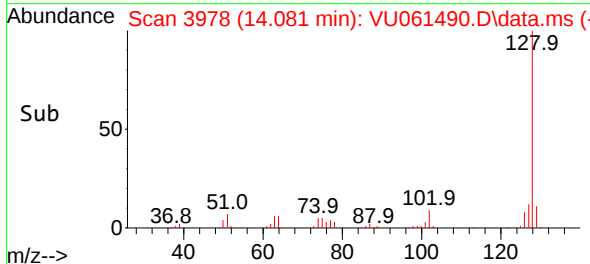
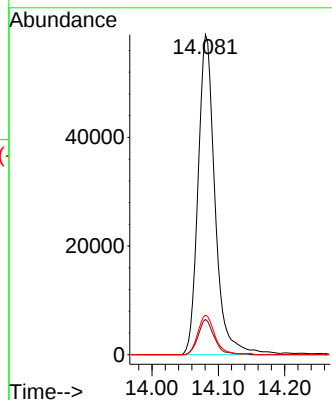
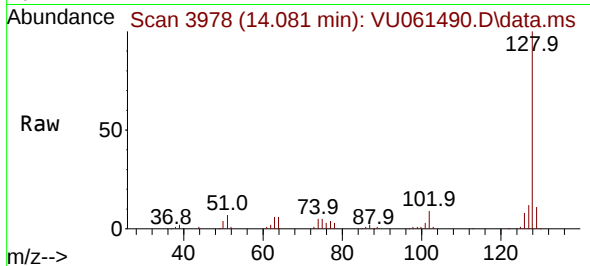




#71
Naphthalene
Concen: 4.912 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 104441
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 12.3 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.167 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061490.D
Acq: 06 Nov 2024 09:46

Tgt Ion:180 Resp: 58252
Ion Ratio Lower Upper
180 100
182 93.6 76.0 114.0
145 32.6 26.5 39.7

