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 Data File : VU056609.D
 Acq On : 27 Nov 2023 10:06
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 27 22:28:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 25 01:37:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	294781	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	280562	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	142330	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	94090	4.267	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.907	69	60675	3.589	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.800%
11) 1,1-Dichloroethene-d2	2.560	65	41037	4.217	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.621	46	223991	50.947	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.900%
24) Chloroform-d	5.058	84	193537	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.695	65	90804	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.721	84	357388	4.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.685	67	115329	4.578	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.894	98	319802	4.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	8.177	79	44086	4.563	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.634	63	198357	52.240	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.480%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	88211	4.900	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	113647	4.322	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	98119	4.201	ug/L	98
3) Chloromethane	1.515	50	91813	3.847	ug/L	96
5) Vinyl chloride	1.602	62	97536	4.241	ug/L	96
6) Bromomethane	1.853	94	43086	3.702	ug/L	92
8) Chloroethane	1.930	64	50767	3.614	ug/L	94
9) Trichlorofluoromethane	2.133	101	162051	4.890	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	95383	4.848	ug/L	99
12) 1,1-Dichloroethene	2.576	96	80764	4.476	ug/L	93
13) Acetone	2.631	43	174361	46.564	ug/L	99
14) Carbon disulfide	2.788	76	216264	3.683	ug/L	99
15) Methyl Acetate	2.949	43	30790	4.621	ug/L	95
16) Methylene chloride	3.039	84	98933	4.143	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	211188	4.817	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	82732	4.456	ug/L	99
19) 1,1-Dichloroethane	3.862	63	177959	4.839	ug/L	99
21) 2-Butanone	4.702	43	228602	47.048	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	99080	4.706	ug/L	99
23) Bromochloromethane	4.968	128	41029	4.734	ug/L	96
25) Chloroform	5.081	83	193111	4.846	ug/L	96

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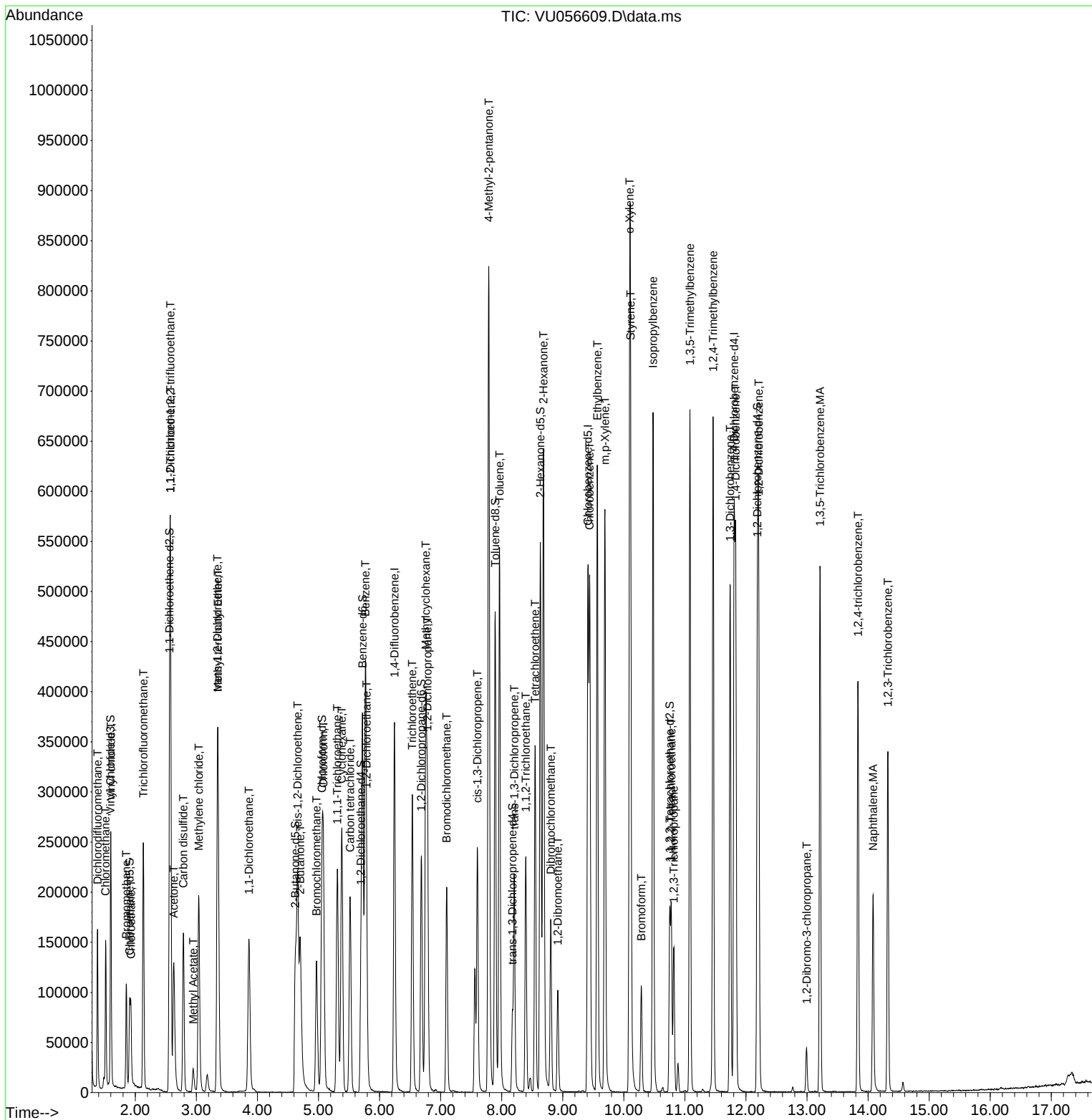
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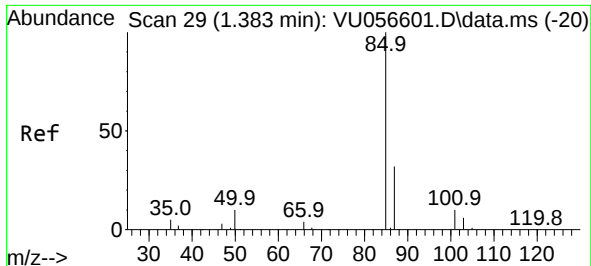
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 25 01:37:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	108529	4.797	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	166027	5.155	ug/L	99
30) Cyclohexane	5.383	56	129833	4.248	ug/L	99
31) Carbon tetrachloride	5.518	117	138112	4.993	ug/L	99
33) Benzene	5.769	78	377980	4.722	ug/L	100
34) Trichloroethene	6.537	95	105395	4.832	ug/L	97
35) Methylcyclohexane	6.759	83	141883	4.506	ug/L	98
37) 1,2-Dichloropropane	6.785	63	109304	5.236	ug/L	100
38) Bromodichloromethane	7.100	83	135241	5.018	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	148717	4.848	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	556294	53.755	ug/L	99
42) Toluene	7.965	91	408240	4.926	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	122747	5.019	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	73064	5.255	ug/L	95
47) Tetrachloroethene	8.550	164	75690	5.146	ug/L	99
48) 2-Hexanone	8.685	43	423501	52.530	ug/L	98
49) Dibromochloromethane	8.804	129	87296	5.521	ug/L	97
50) 1,2-Dibromoethane	8.920	107	67149	5.116	ug/L	99
51) Chlorobenzene	9.441	112	266654	5.007	ug/L	99
52) Ethylbenzene	9.566	91	450922	4.900	ug/L	99
53) m,p-Xylene	9.692	106	167312	4.945	ug/L	98
54) o-Xylene	10.097	106	162330	4.939	ug/L	99
55) Styrene	10.113	104	281714	5.153	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	89433	5.268	ug/L	98
59) Bromoform	10.287	173	48189	5.435	ug/L	97
60) Isopropylbenzene	10.479	105	450072	4.903	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	62969	5.156	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	366377	4.861	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	371662	4.996	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	208220	4.987	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	204245	4.877	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	195352	5.100	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	12410	4.758	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	160740	5.113	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	120747	4.716	ug/L	100
71) Naphthalene	14.084	128	164214	4.245	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	98570	4.673	ug/L	98

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

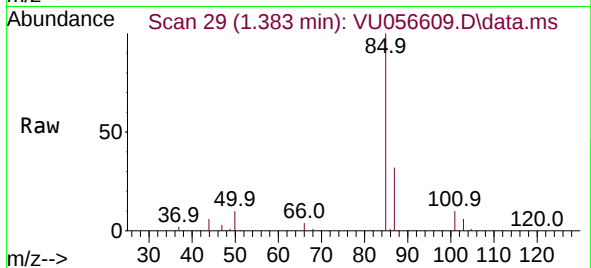
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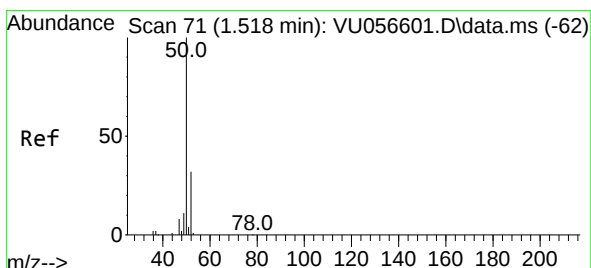
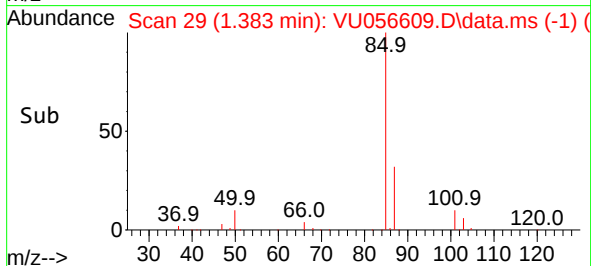
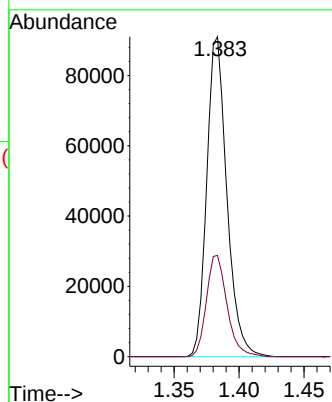


#2
 Dichlorodifluoromethane
 Concen: 4.201 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU056609.D
 Acq: 27 Nov 2023 10:06

Instrument :
 MSVOA_U
 ClientSampleId :

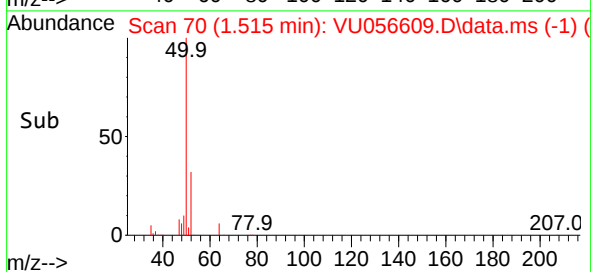
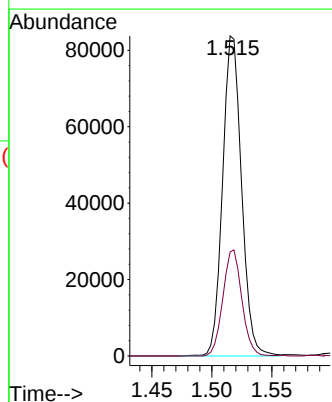
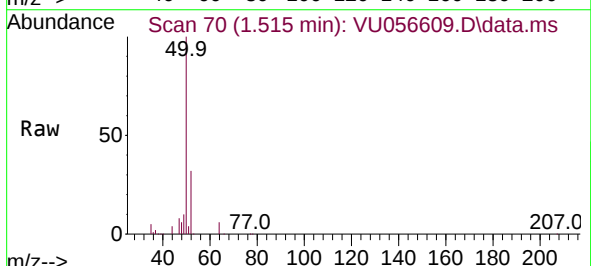


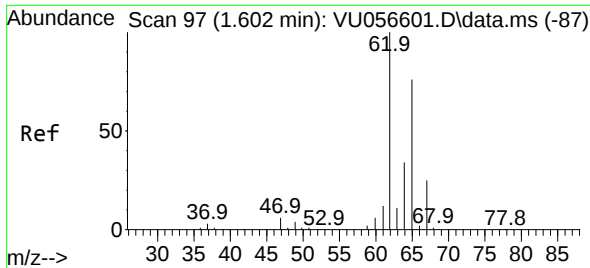
Tgt Ion: 85 Resp: 98119
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.0 37.4



#3
 Chloromethane
 Concen: 3.847 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU056609.D
 Acq: 27 Nov 2023 10:06

Tgt Ion: 50 Resp: 91813
 Ion Ratio Lower Upper
 50 100
 52 32.5 24.3 45.1

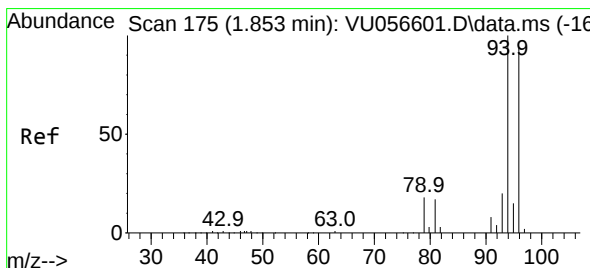
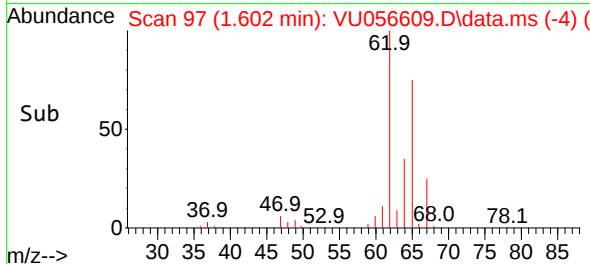
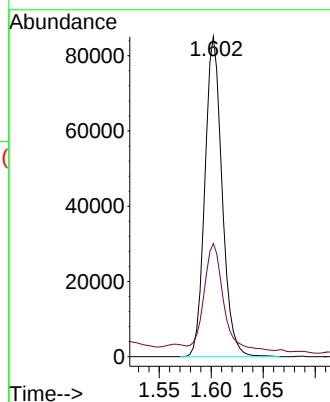
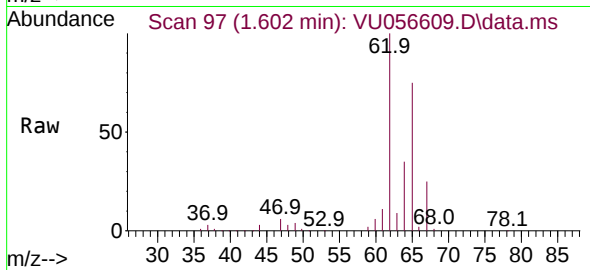




#5
 Vinyl chloride
 Concen: 4.241 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. -0.000 min
 Lab File: VU056609.D
 Acq: 27 Nov 2023 10:06

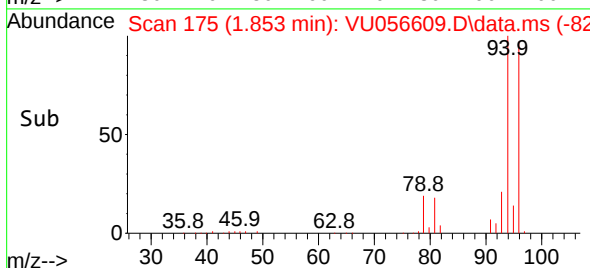
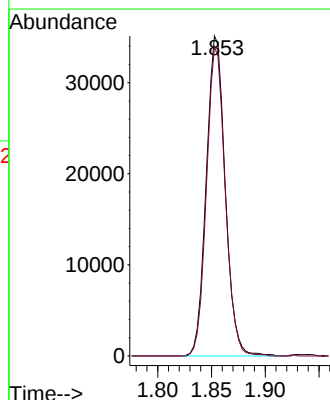
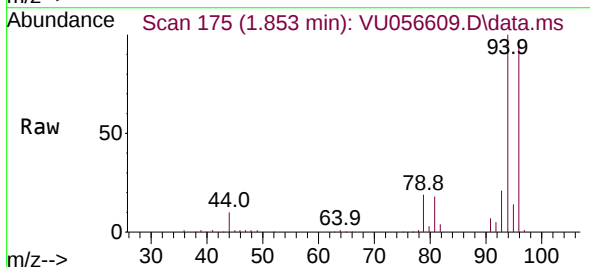
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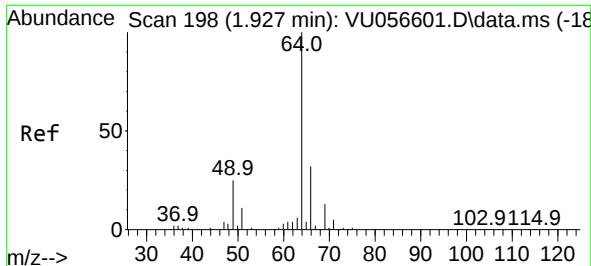
Tgt Ion: 62 Resp: 97536
 Ion Ratio Lower Upper
 62 100
 64 35.3 23.3 43.3



#6
 Bromomethane
 Concen: 3.702 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU056609.D
 Acq: 27 Nov 2023 10:06

Tgt Ion: 94 Resp: 43086
 Ion Ratio Lower Upper
 94 100
 96 96.6 62.6 116.2

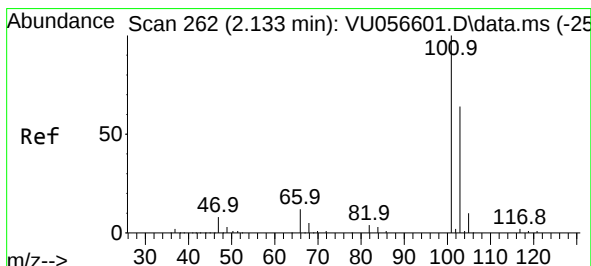
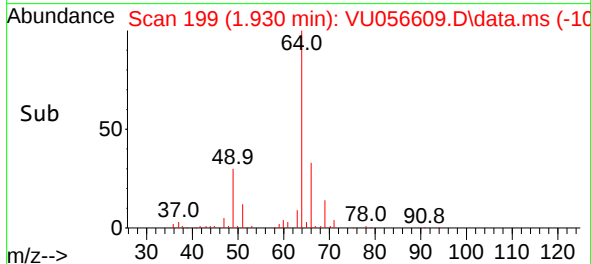
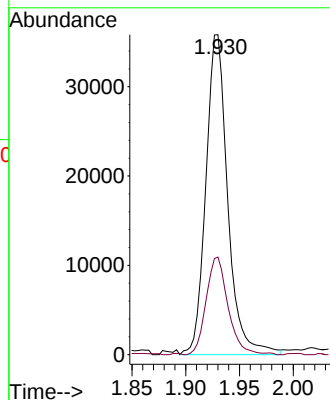
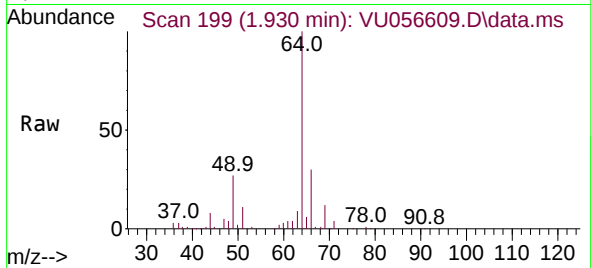




#8
Chloroethane
Concen: 3.614 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU056609.D
Acq: 27 Nov 2023 10:06

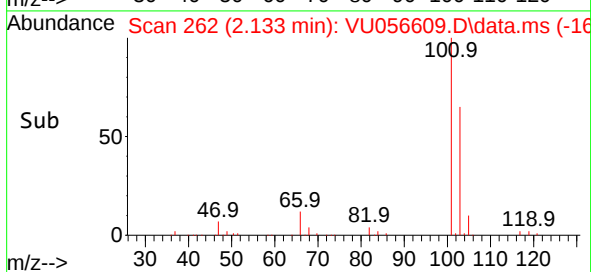
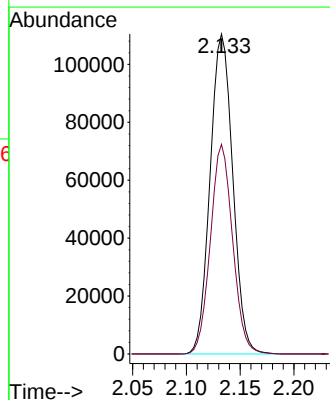
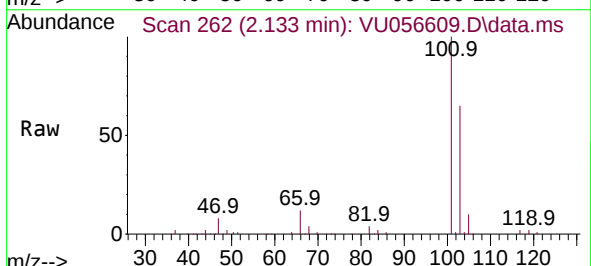
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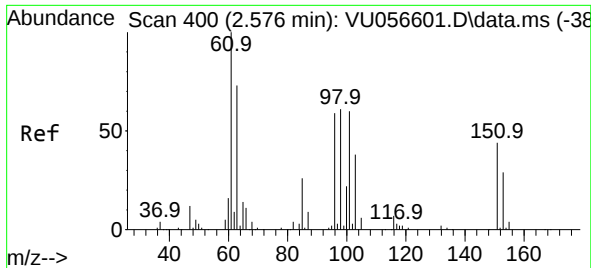
Tgt Ion: 64 Resp: 50767
Ion Ratio Lower Upper
64 100
66 30.5 23.9 44.5



#9
Trichlorofluoromethane
Concen: 4.890 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU056609.D
Acq: 27 Nov 2023 10:06

Tgt Ion: 101 Resp: 162051
Ion Ratio Lower Upper
101 100
103 64.2 52.0 78.0

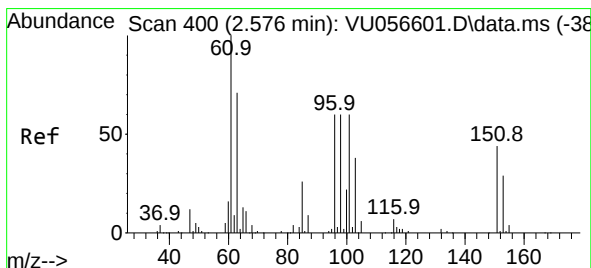
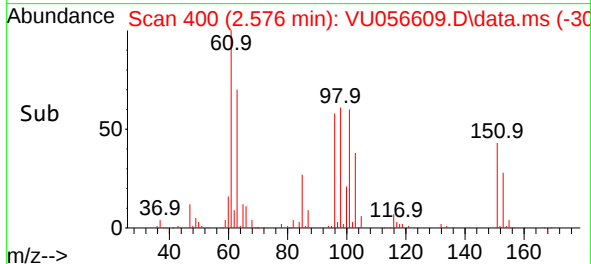
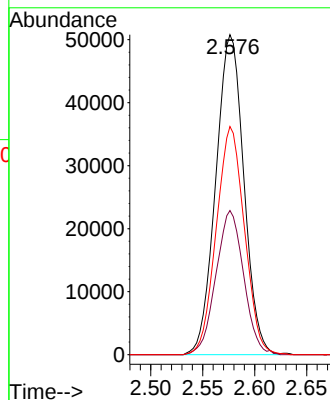
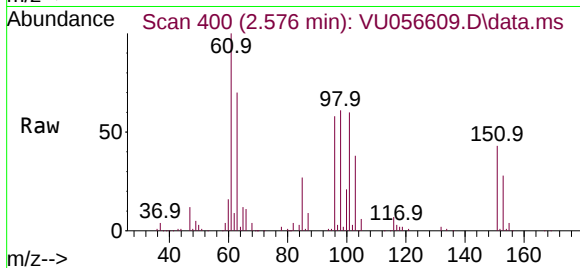




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.848 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056609.D
 Acq: 27 Nov 2023 10:06

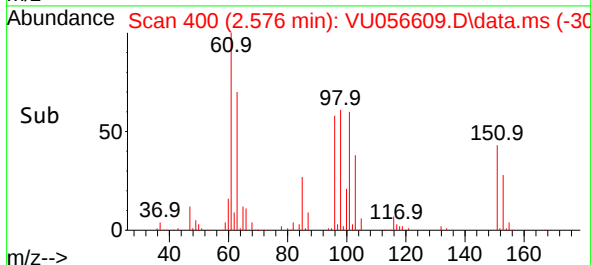
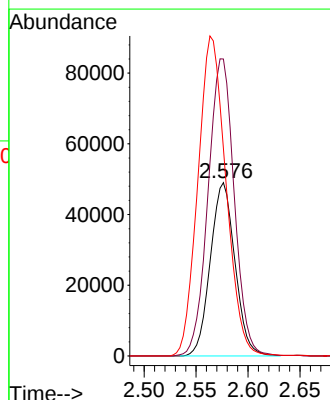
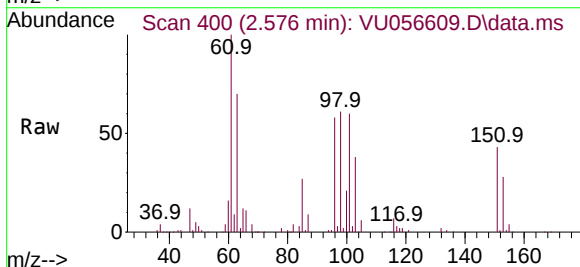
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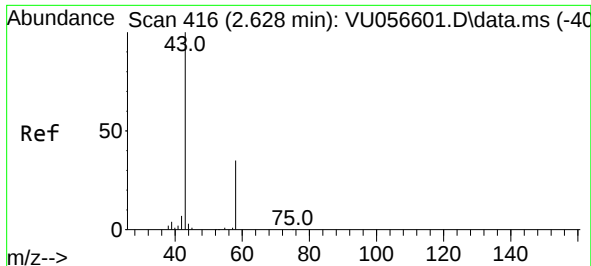
Tgt Ion:101 Resp: 95383
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.4 53.0
 151 71.6 58.0 87.0



#12
 1,1-Dichloroethene
 Concen: 4.476 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056609.D
 Acq: 27 Nov 2023 10:06

Tgt Ion: 96 Resp: 80764
 Ion Ratio Lower Upper
 96 100
 61 171.4 123.1 228.7
 63 119.8 93.3 173.3





#13

Acetone

Concen: 46.564 ug/L

RT: 2.631 min Scan# 417

Delta R.T. 0.003 min

Lab File: VU056609.D

Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_U

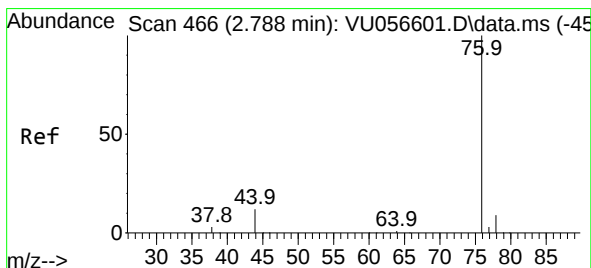
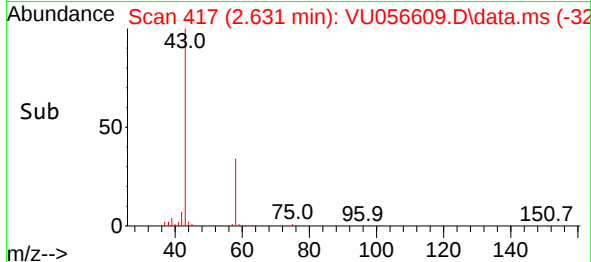
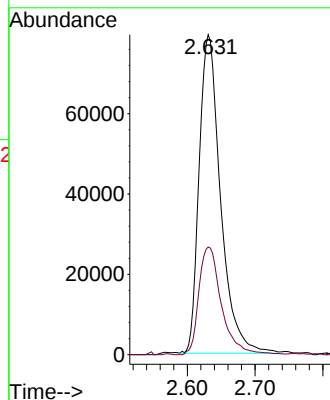
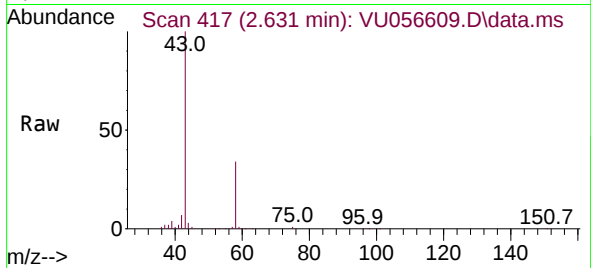
ClientSampleId :

Tgt Ion: 43 Resp: 174361

Ion Ratio Lower Upper

43 100

58 35.7 0.0 70.0



#14

Carbon disulfide

Concen: 3.683 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU056609.D

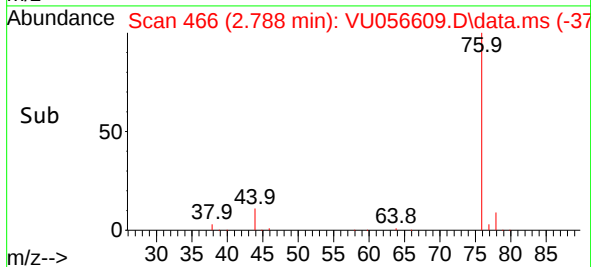
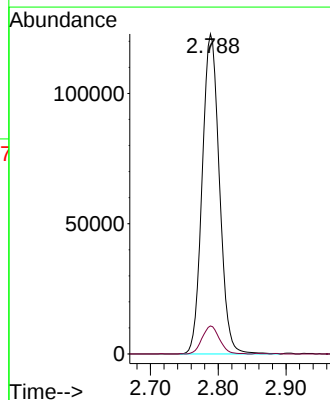
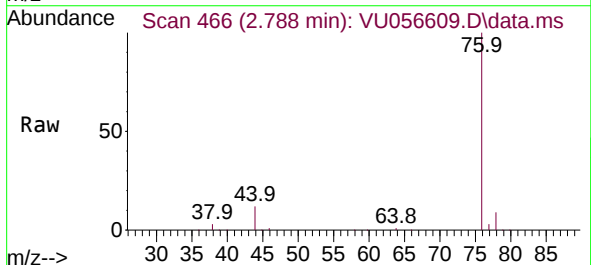
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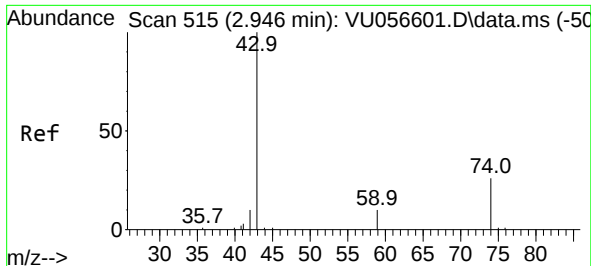
Tgt Ion: 76 Resp: 216264

Ion Ratio Lower Upper

76 100

78 8.8 6.8 10.2

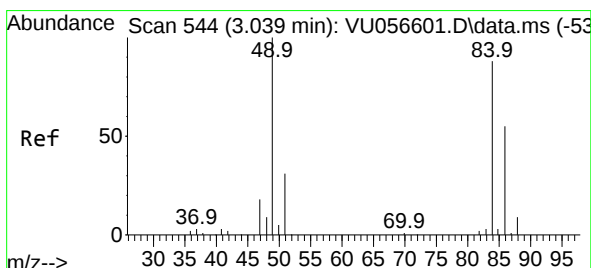
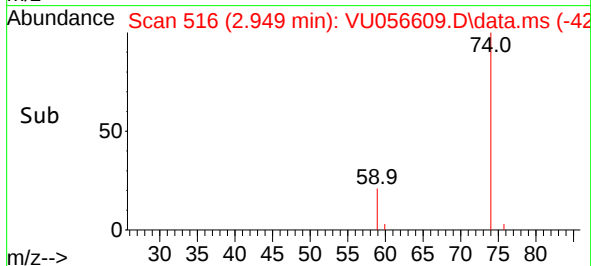
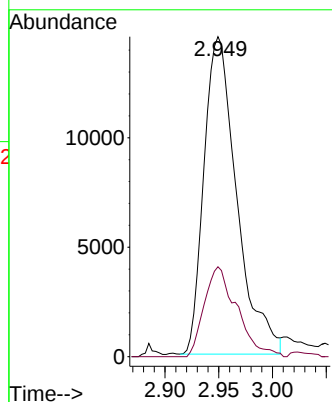
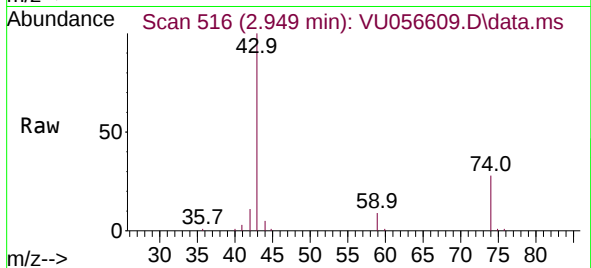




#15
Methyl Acetate
Concen: 4.621 ug/L
RT: 2.949 min Scan# 515
Delta R.T. 0.003 min
Lab File: VU056609.D
Acq: 27 Nov 2023 10:06

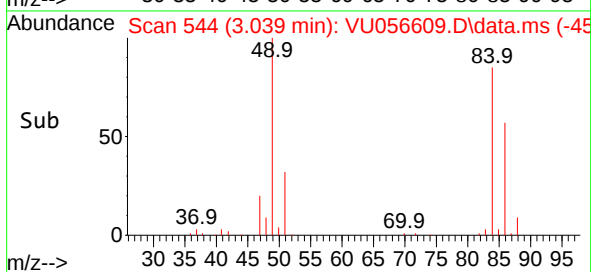
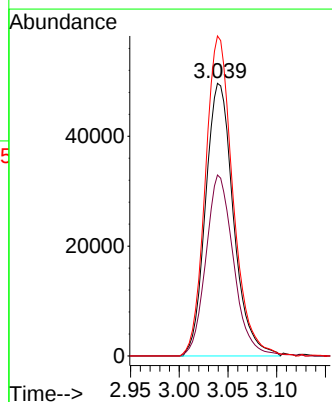
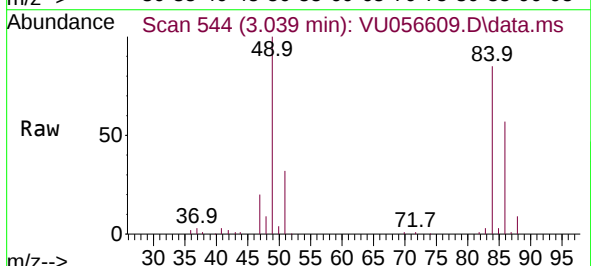
Instrument :
MSVOA_U
ClientSampleId :

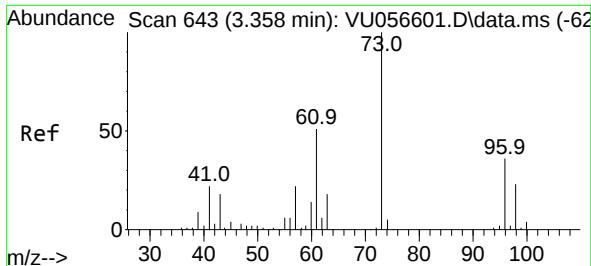
Tgt Ion: 43 Resp: 30790
Ion Ratio Lower Upper
43 100
74 28.1 20.6 31.0



#16
Methylene chloride
Concen: 4.143 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU056609.D
Acq: 27 Nov 2023 10:06

Tgt Ion: 84 Resp: 98933
Ion Ratio Lower Upper
84 100
86 66.4 44.7 83.1
49 117.4 81.8 152.0

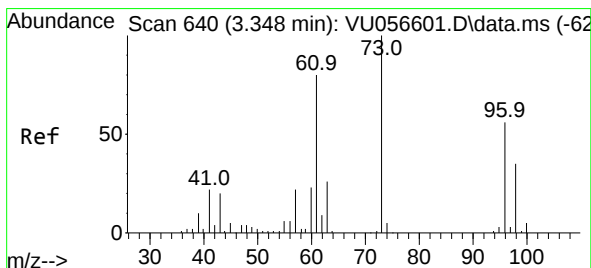
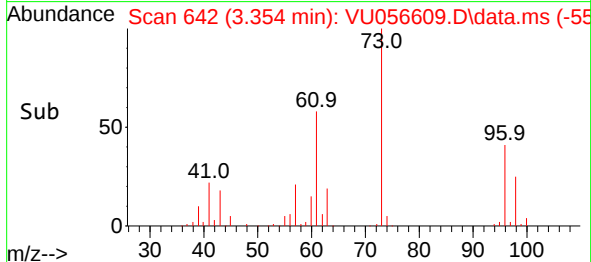
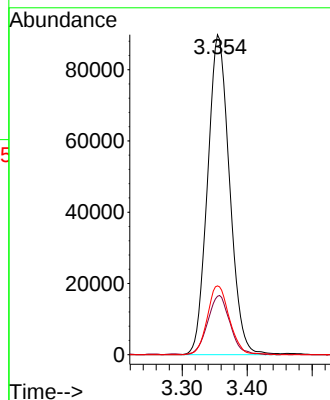
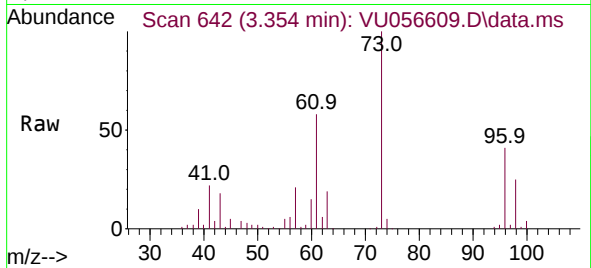




#17
Methyl tert-butyl Ether
Concen: 4.817 ug/L
RT: 3.354 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU056609.D
Acq: 27 Nov 2023 10:06

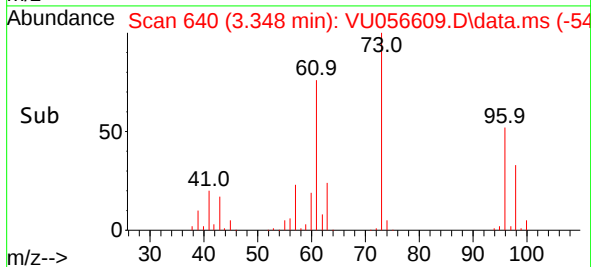
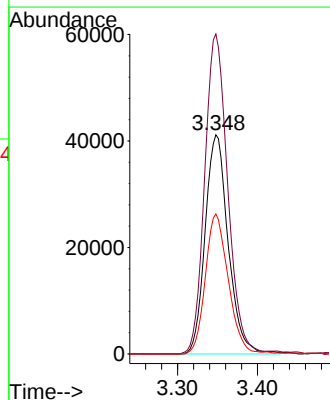
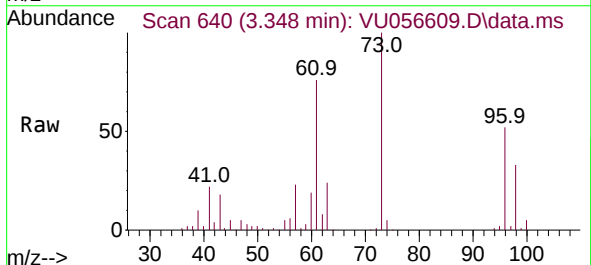
Instrument :
MSVOA_U
ClientSampleId :

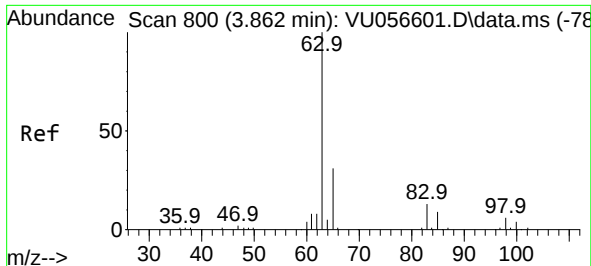
Tgt Ion: 73 Resp: 211188
Ion Ratio Lower Upper
73 100
43 18.7 15.1 22.7
57 21.5 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.456 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU056609.D
Acq: 27 Nov 2023 10:06

Tgt Ion: 96 Resp: 82732
Ion Ratio Lower Upper
96 100
61 146.0 101.7 188.9
98 63.9 43.0 80.0





#19

1,1-Dichloroethane

Concen: 4.839 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU056609.D

Acq: 27 Nov 2023 10:06

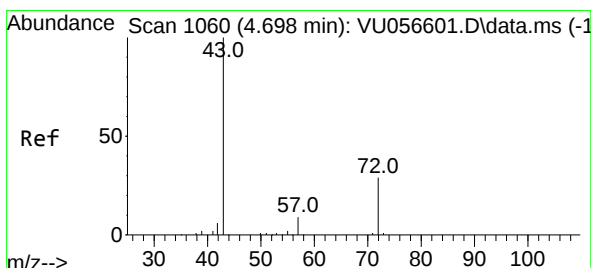
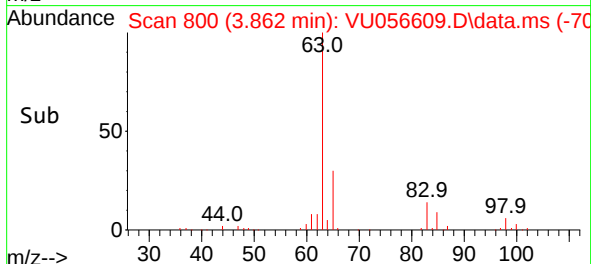
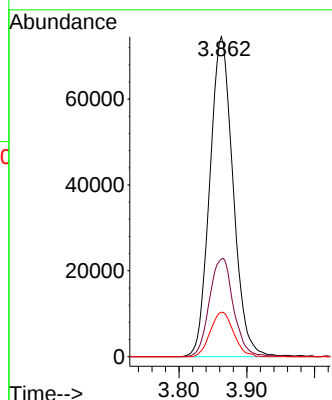
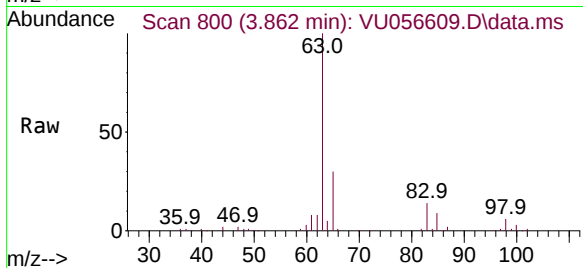
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63 Resp: 177959

Ion	Ratio	Lower	Upper
63	100		
65	30.5	21.8	40.6
83	13.9	9.7	17.9



#21

2-Butanone

Concen: 47.048 ug/L

RT: 4.702 min Scan# 1061

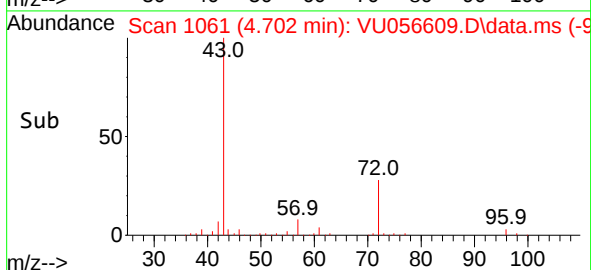
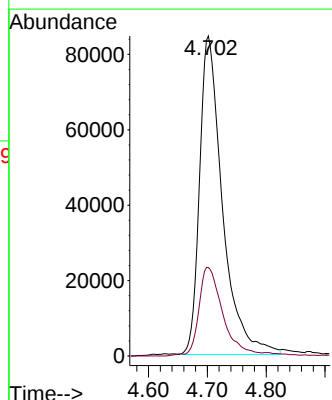
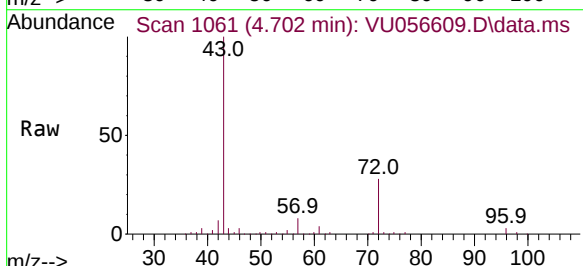
Delta R.T. 0.003 min

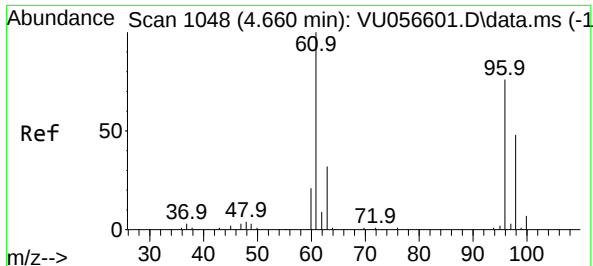
Lab File: VU056609.D

Acq: 27 Nov 2023 10:06

Tgt Ion: 43 Resp: 228602

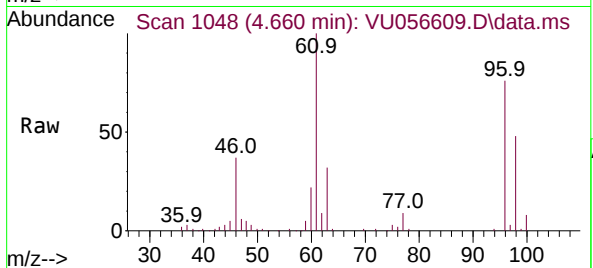
Ion	Ratio	Lower	Upper
43	100		
72	27.0	14.2	42.6



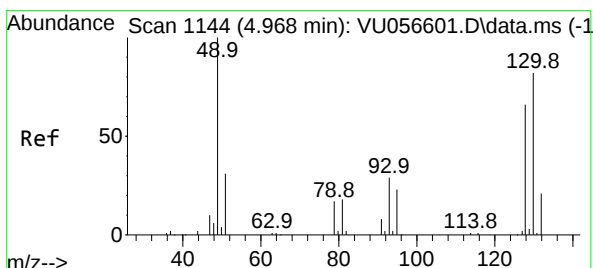
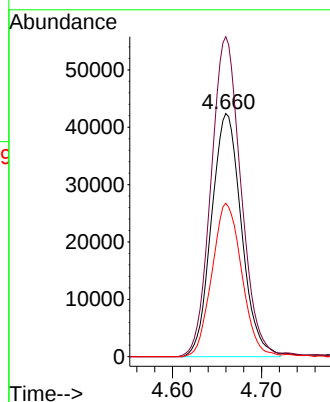
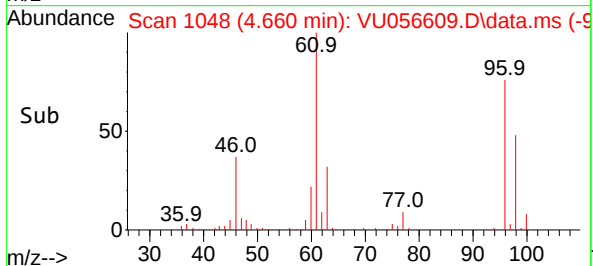


#22
 cis-1,2-Dichloroethene
 Concen: 4.706 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056609.D
 Acq: 27 Nov 2023 10:06

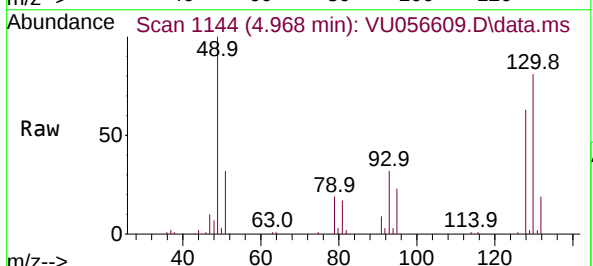
Instrument :
 MSVOA_U
 ClientSampleId :



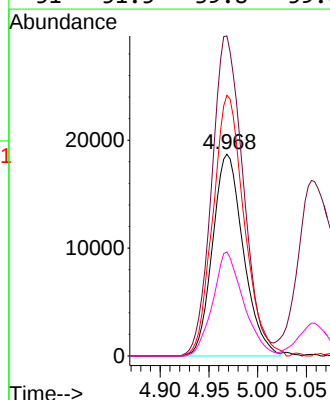
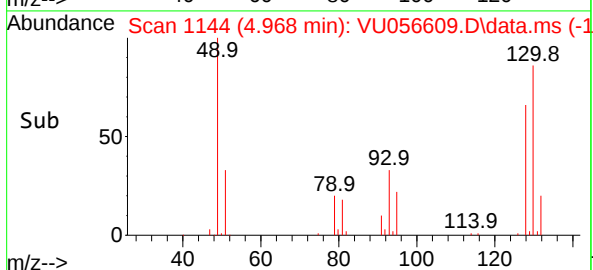
Tgt Ion: 96 Resp: 99080
 Ion Ratio Lower Upper
 96 100
 61 131.5 93.2 173.2
 98 63.1 44.8 83.2

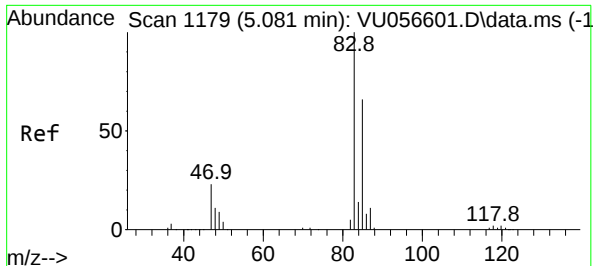


#23
 Bromochloromethane
 Concen: 4.734 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU056609.D
 Acq: 27 Nov 2023 10:06



Tgt Ion: 128 Resp: 41029
 Ion Ratio Lower Upper
 128 100
 49 158.6 113.4 210.6
 130 129.2 84.8 157.6
 51 51.5 39.8 59.6





#25

Chloroform

Concen: 4.846 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056609.D

Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_U

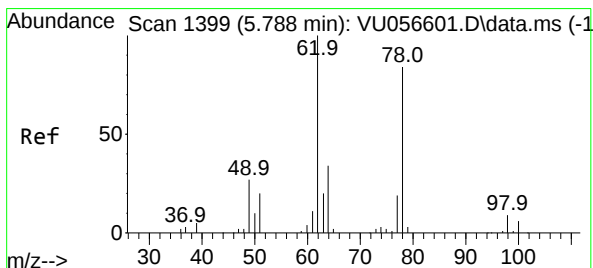
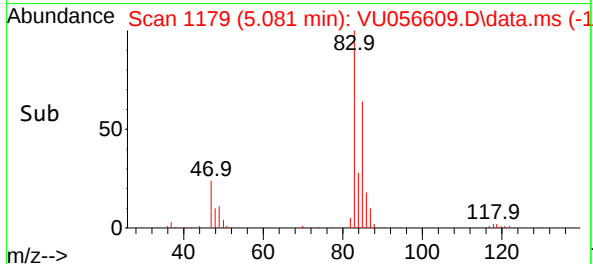
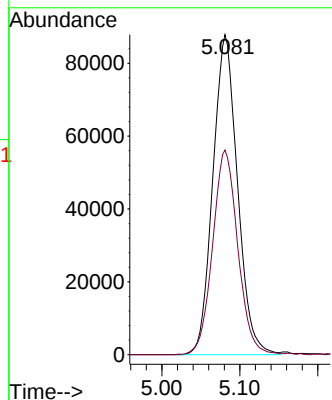
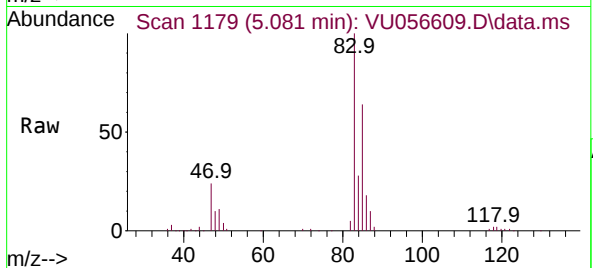
ClientSampleId :

Tgt Ion: 83 Resp: 193111

Ion Ratio Lower Upper

83 100

85 63.9 47.0 87.2



#27

1,2-Dichloroethane

Concen: 4.797 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU056609.D

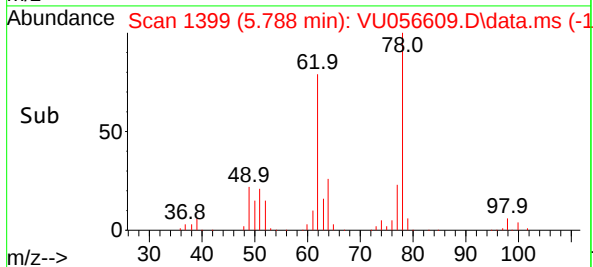
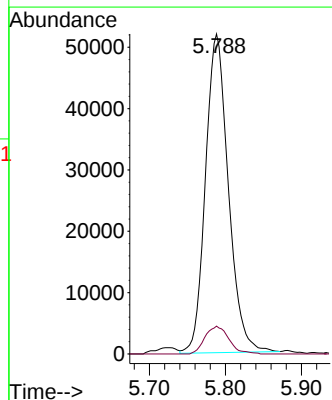
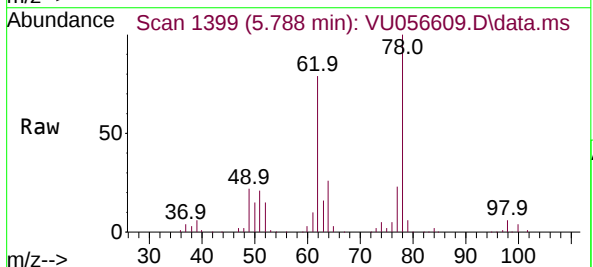
Acq: 27 Nov 2023 10:06

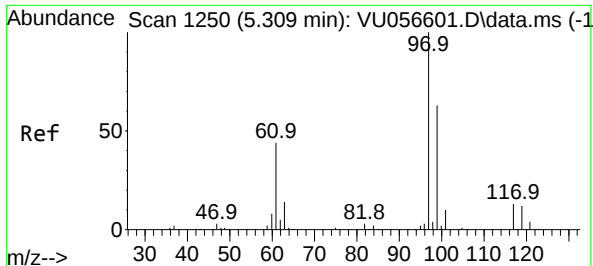
Tgt Ion: 62 Resp: 108529

Ion Ratio Lower Upper

62 100

98 8.7 6.6 10.0

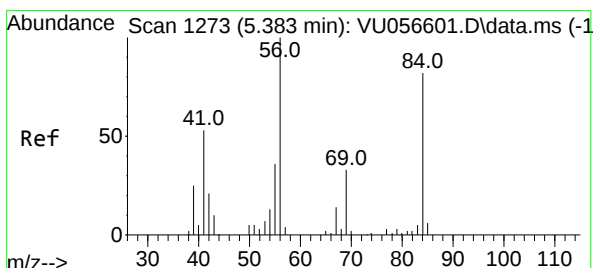
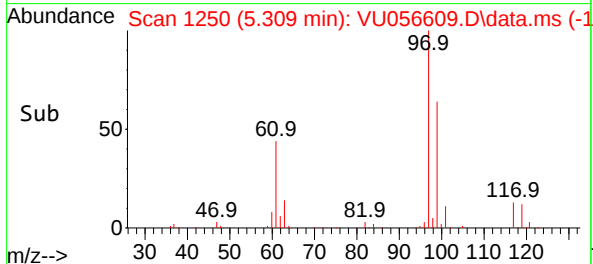
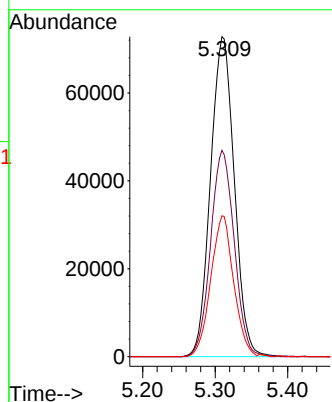
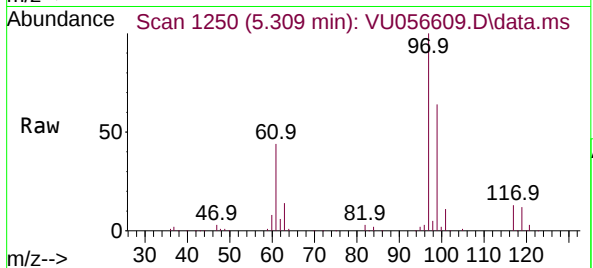




#29
1,1,1-Trichloroethane
Concen: 5.155 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056609.D
Acq: 27 Nov 2023 10:06

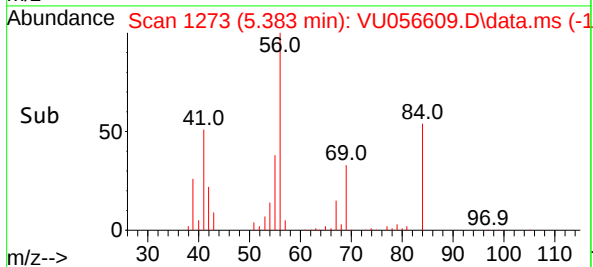
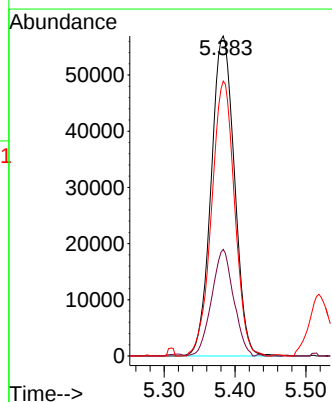
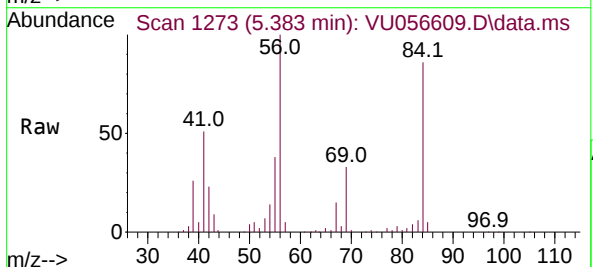
Instrument :
MSVOA_U
ClientSampleId :

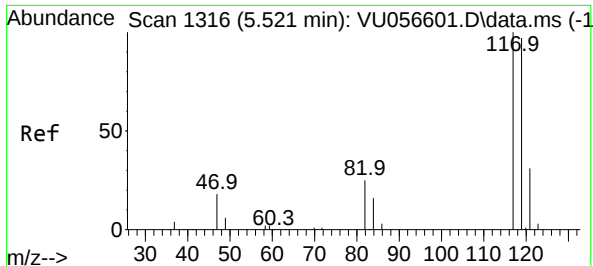
Tgt Ion: 97 Resp: 166027
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 42.3 34.3 51.5



#30
Cyclohexane
Concen: 4.248 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU056609.D
Acq: 27 Nov 2023 10:06

Tgt Ion: 56 Resp: 129833
Ion Ratio Lower Upper
56 100
69 31.4 25.4 38.2
84 85.0 68.6 103.0

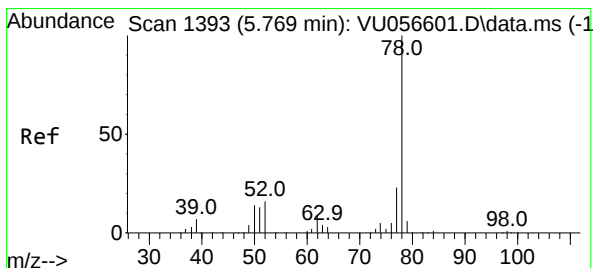
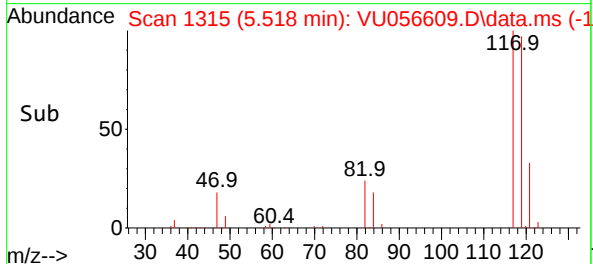
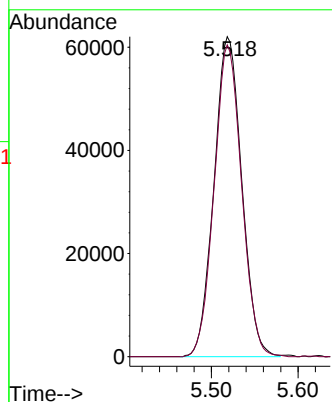
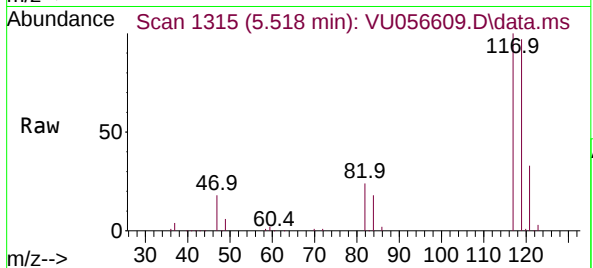




#31
Carbon tetrachloride
Concen: 4.993 ug/L
RT: 5.518 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU056609.D
Acq: 27 Nov 2023 10:06

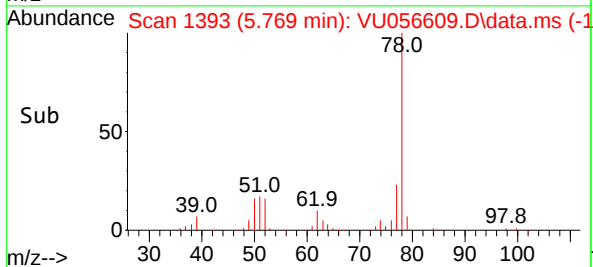
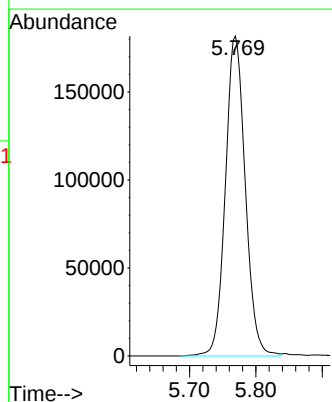
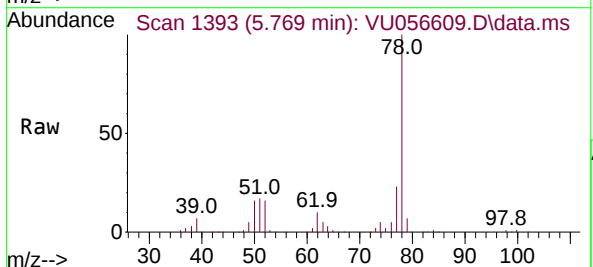
Instrument :
MSVOA_U
ClientSampleId :

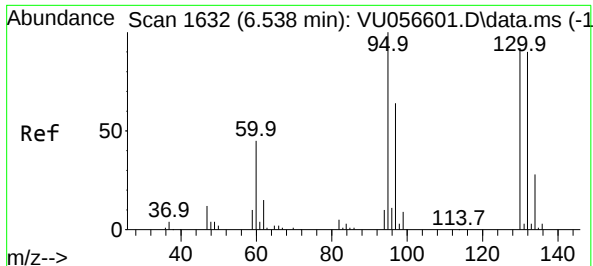
Tgt Ion:117 Resp: 138112
Ion Ratio Lower Upper
117 100
119 96.4 78.1 117.1



#33
Benzene
Concen: 4.722 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056609.D
Acq: 27 Nov 2023 10:06

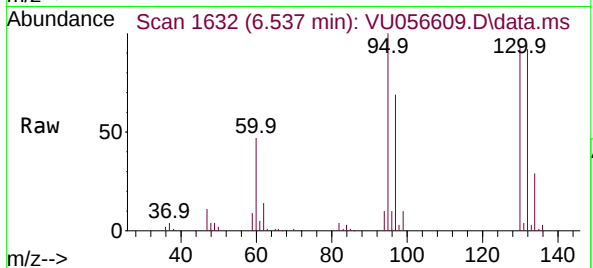
Tgt Ion: 78 Resp: 377980



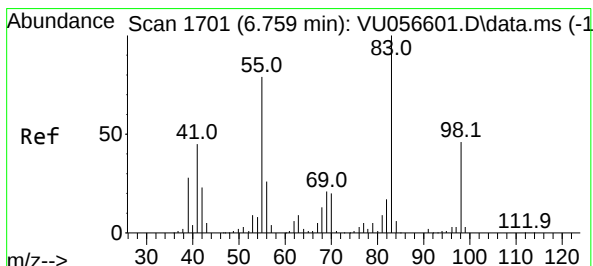
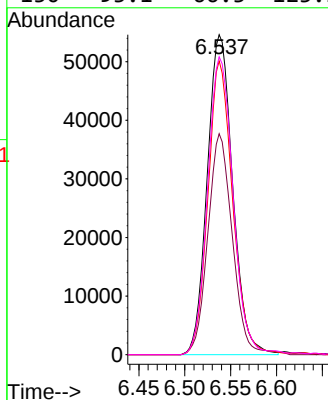
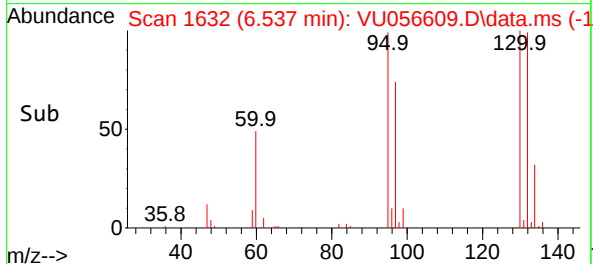


#34
Trichloroethene
Concen: 4.832 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056609.D
Acq: 27 Nov 2023 10:06

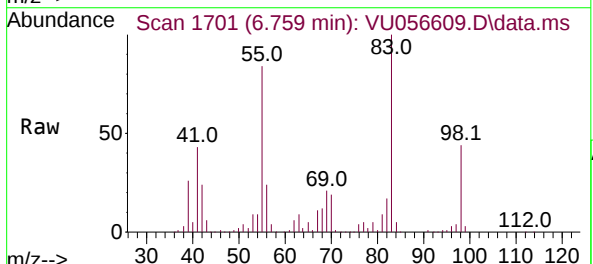
Instrument :
MSVOA_U
ClientSampleId :



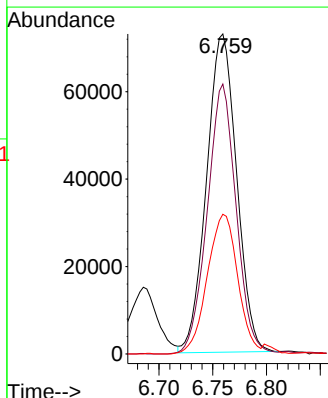
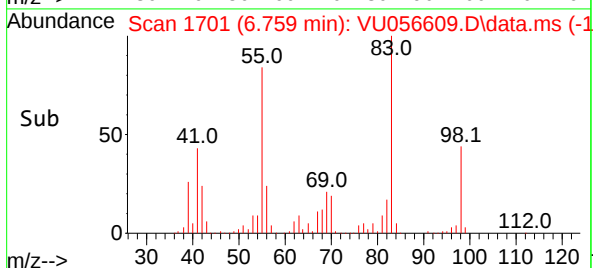
Tgt Ion: 95 Resp: 105395
Ion Ratio Lower Upper
95 100
97 69.1 46.5 86.3
132 91.8 62.0 115.2
130 93.1 66.3 123.1

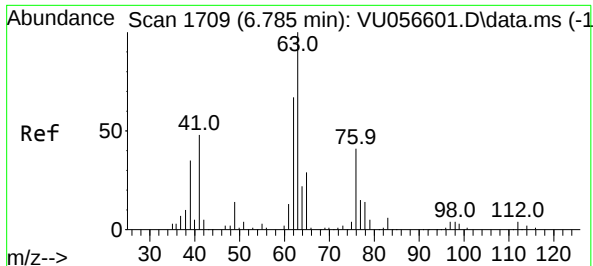


#35
Methylcyclohexane
Concen: 4.506 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU056609.D
Acq: 27 Nov 2023 10:06



Tgt Ion: 83 Resp: 141883
Ion Ratio Lower Upper
83 100
55 81.3 62.9 94.3
98 44.3 35.3 52.9





#37

1,2-Dichloropropane

Concen: 5.236 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056609.D

Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_U

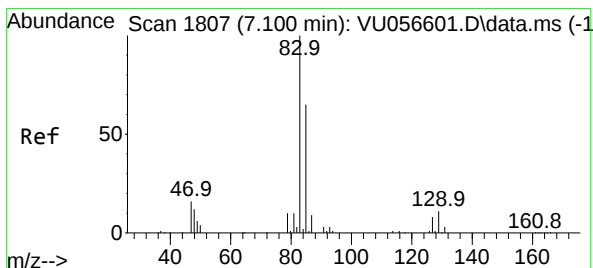
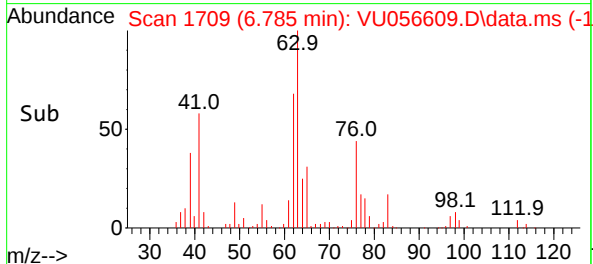
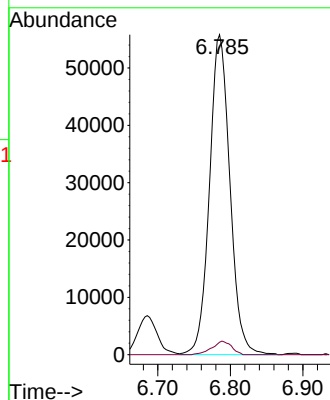
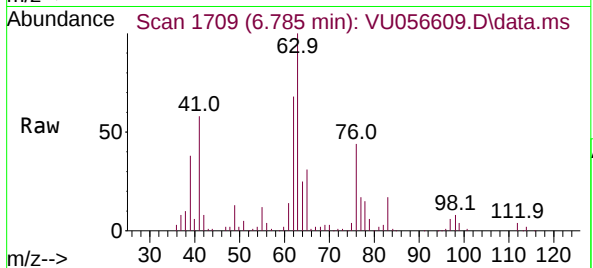
ClientSampleId :

Tgt Ion: 63 Resp: 109304

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 5.018 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU056609.D

Acq: 27 Nov 2023 10:06

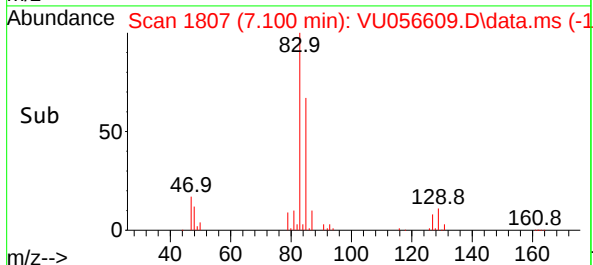
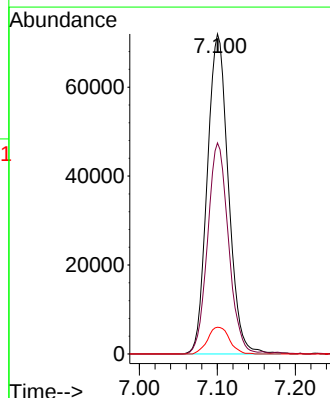
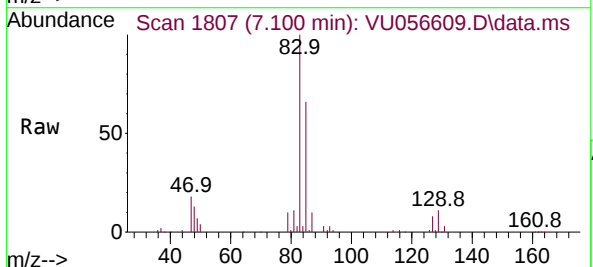
Tgt Ion: 83 Resp: 135241

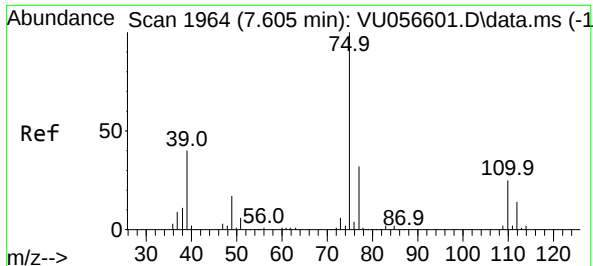
Ion Ratio Lower Upper

83 100

85 66.0 44.9 83.5

127 8.3 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.848 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.003 min

Lab File: VU056609.D

Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_U

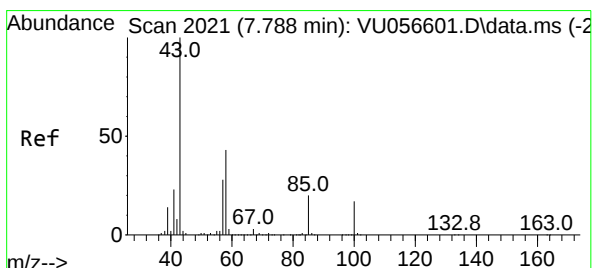
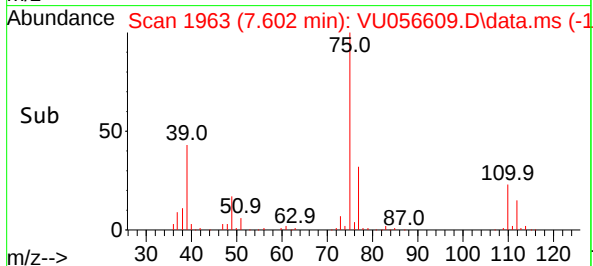
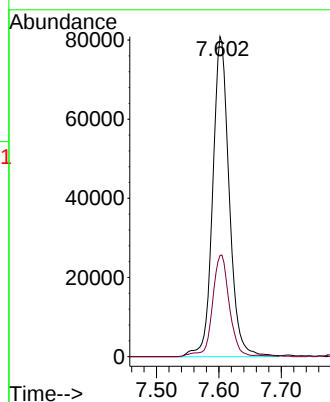
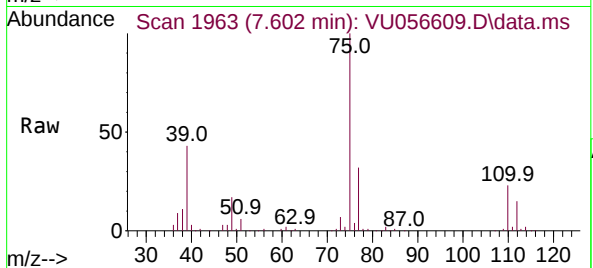
ClientSampleId :

Tgt Ion: 75 Resp: 148717

Ion Ratio Lower Upper

75 100

77 31.6 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 53.755 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VU056609.D

Acq: 27 Nov 2023 10:06

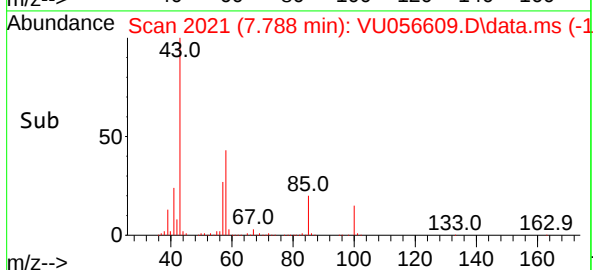
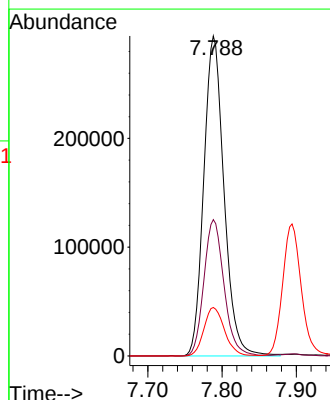
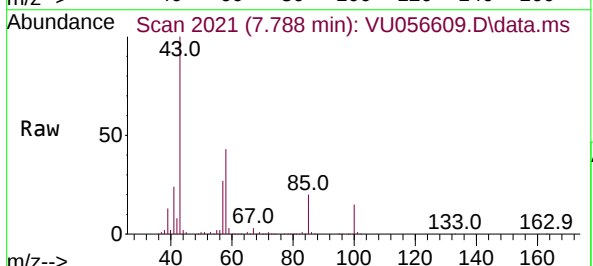
Tgt Ion: 43 Resp: 556294

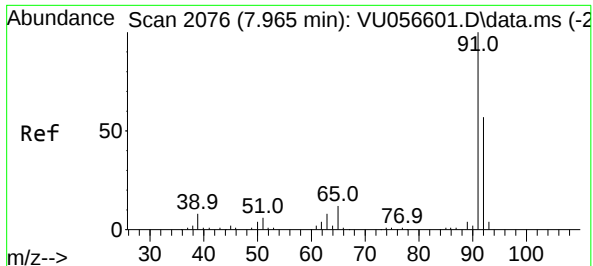
Ion Ratio Lower Upper

43 100

58 42.4 33.8 50.8

100 15.5 13.0 19.4





#42

Toluene

Concen: 4.926 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056609.D

Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_U

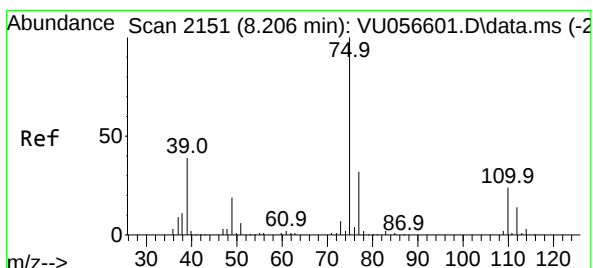
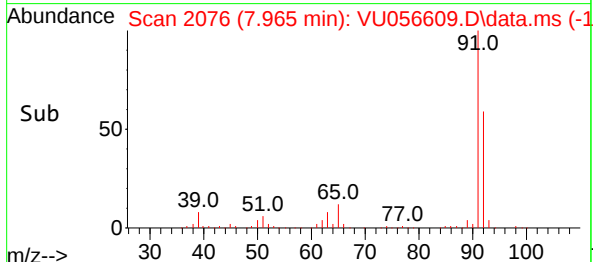
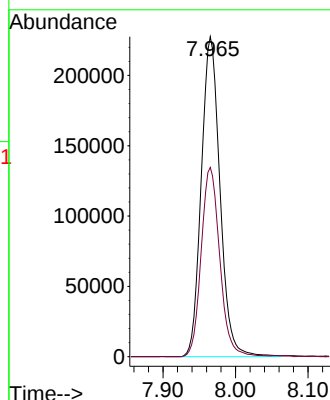
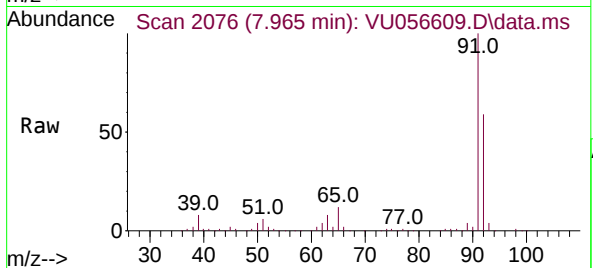
ClientSampleId :

Tgt Ion: 91 Resp: 408240

Ion Ratio Lower Upper

91 100

92 59.2 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.019 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU056609.D

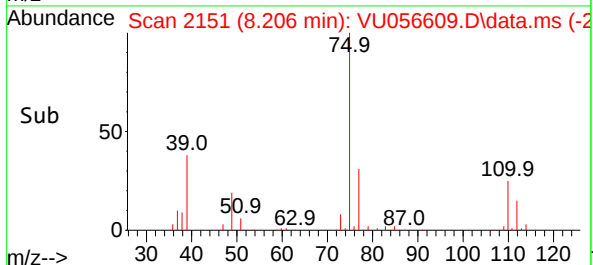
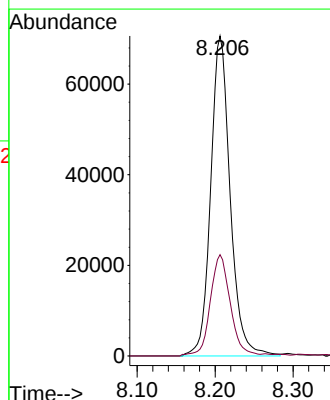
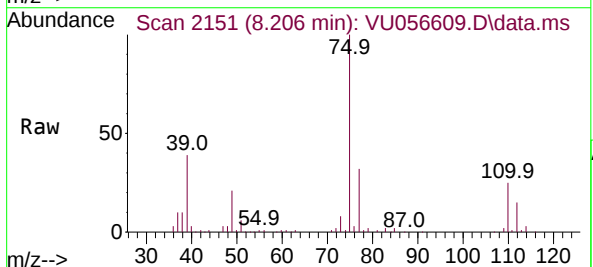
Acq: 27 Nov 2023 10:06

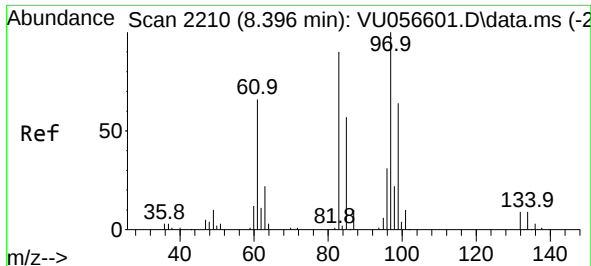
Tgt Ion: 75 Resp: 122747

Ion Ratio Lower Upper

75 100

77 31.6 22.8 42.4

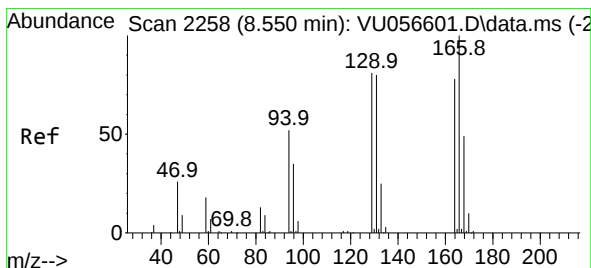
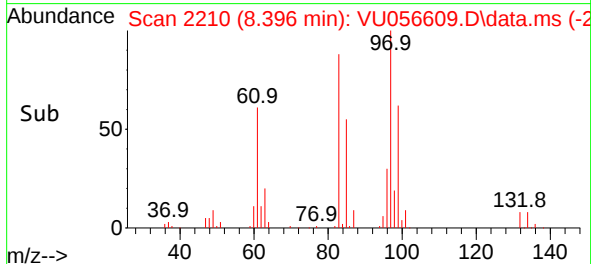
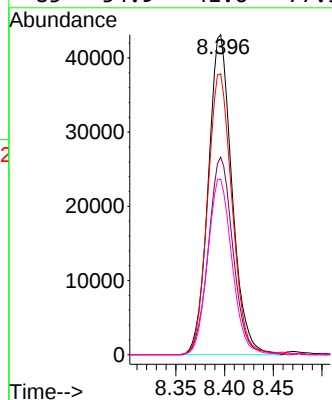
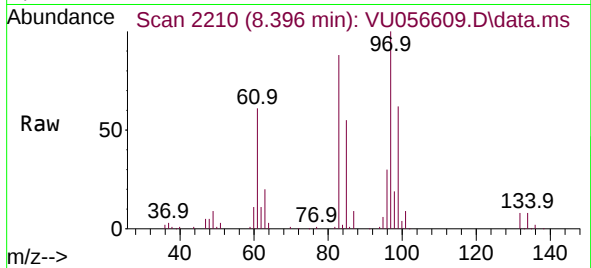




#45
1,1,2-Trichloroethane
Concen: 5.255 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VU056609.D
Acq: 27 Nov 2023 10:06

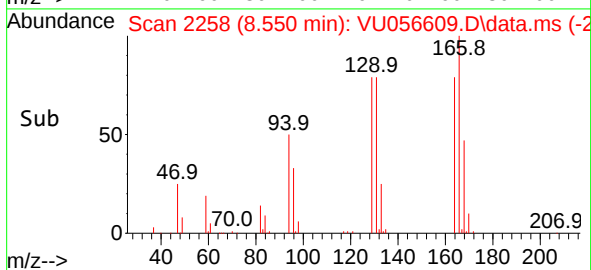
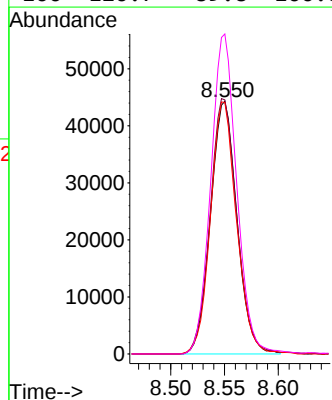
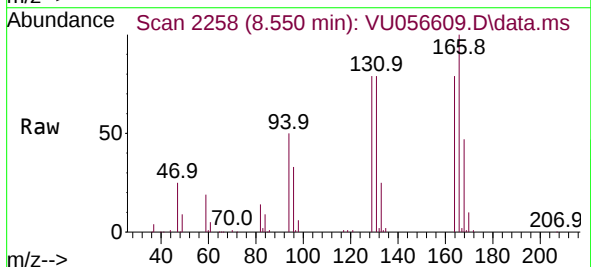
Instrument :
MSVOA_U
ClientSampleId :

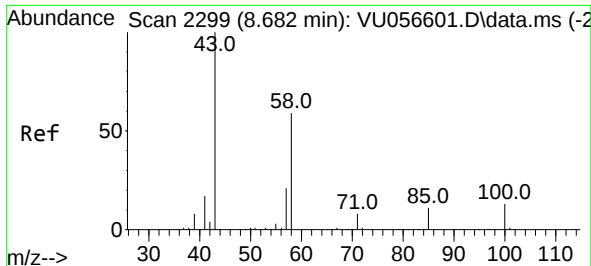
Tgt Ion:	97	Resp:	73064
Ion	Ratio	Lower	Upper
97	100		
99	61.8	44.3	82.3
83	87.7	65.4	121.4
85	54.9	41.6	77.3



#47
Tetrachloroethene
Concen: 5.146 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056609.D
Acq: 27 Nov 2023 10:06

Tgt Ion:	164	Resp:	75690
Ion	Ratio	Lower	Upper
164	100		
129	100.6	71.0	131.9
131	99.6	70.3	130.7
166	126.7	89.8	166.8

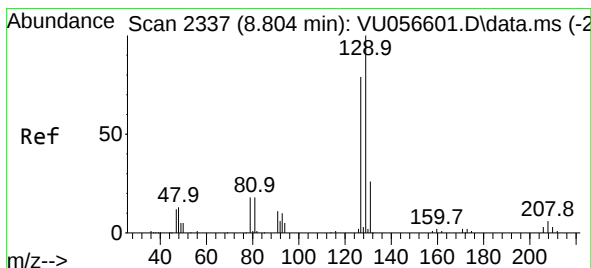
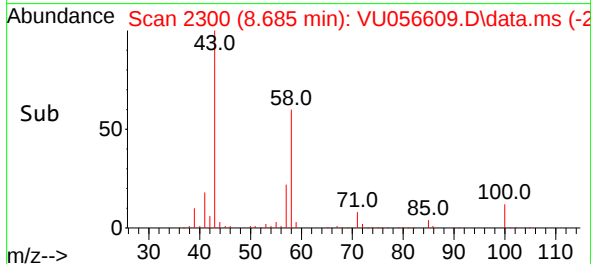
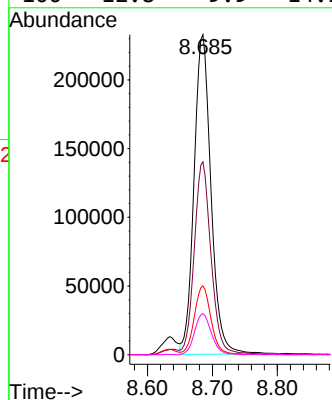
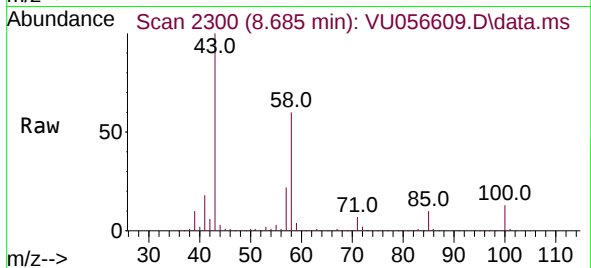




#48
2-Hexanone
Concen: 52.530 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056609.D
Acq: 27 Nov 2023 10:06

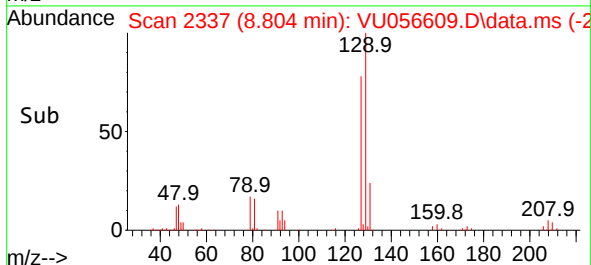
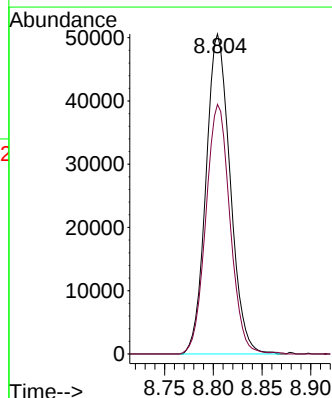
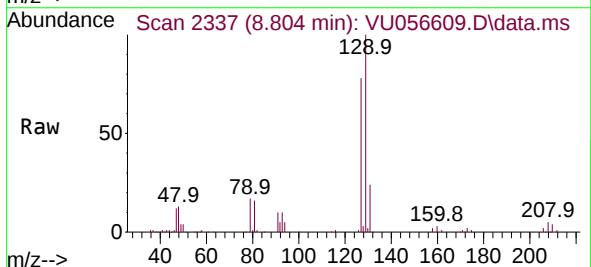
Instrument :
MSVOA_U
ClientSampleId :

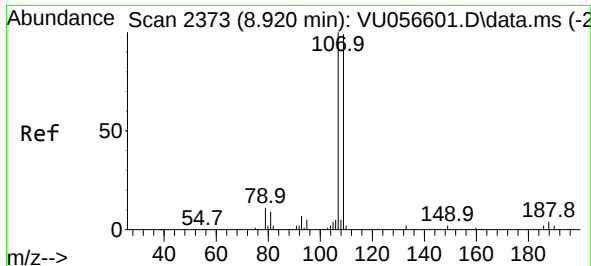
Tgt Ion: 43 Resp: 423501
Ion Ratio Lower Upper
43 100
58 59.2 48.7 73.1
57 21.3 16.8 25.2
100 12.8 9.9 14.9



#49
Dibromochloromethane
Concen: 5.521 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056609.D
Acq: 27 Nov 2023 10:06

Tgt Ion:129 Resp: 87296
Ion Ratio Lower Upper
129 100
127 78.0 52.9 98.3





#50

1,2-Dibromoethane

Concen: 5.116 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

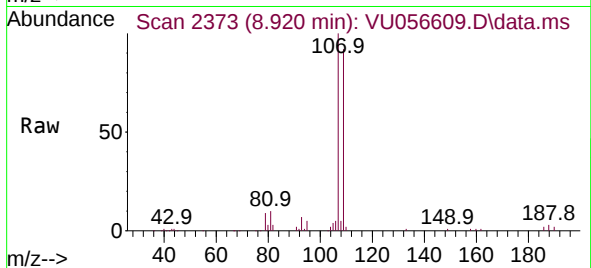
Lab File: VU056609.D

Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_U

ClientSampleId :



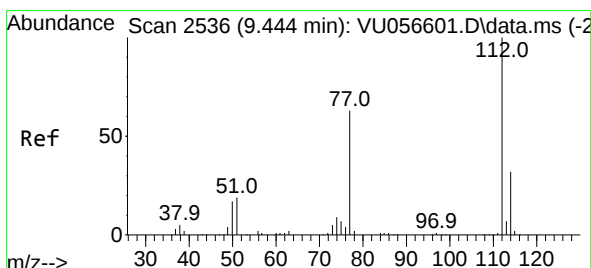
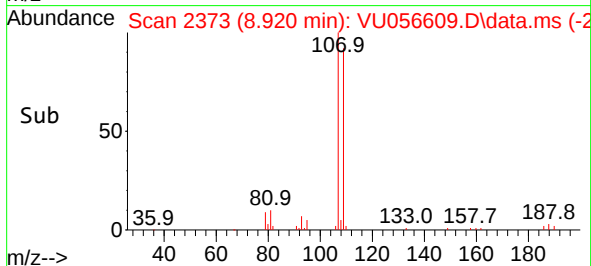
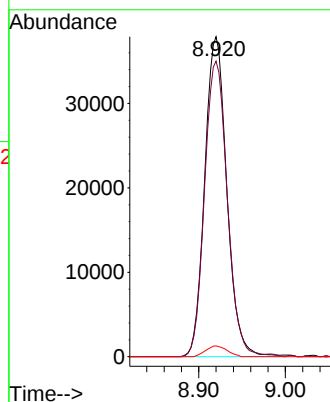
Tgt Ion:107 Resp: 67149

Ion Ratio Lower Upper

107 100

109 92.4 64.2 119.2

188 3.4 2.6 4.0



#51

Chlorobenzene

Concen: 5.007 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.003 min

Lab File: VU056609.D

Acq: 27 Nov 2023 10:06

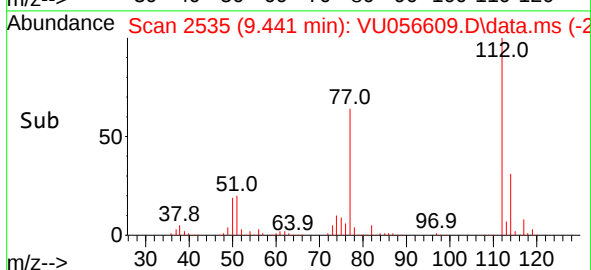
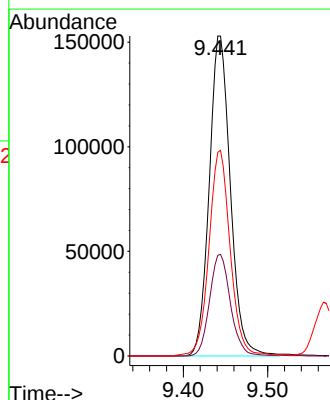
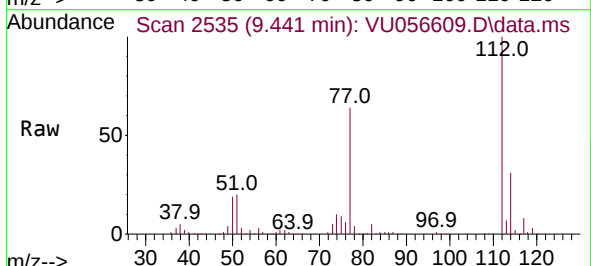
Tgt Ion:112 Resp: 266654

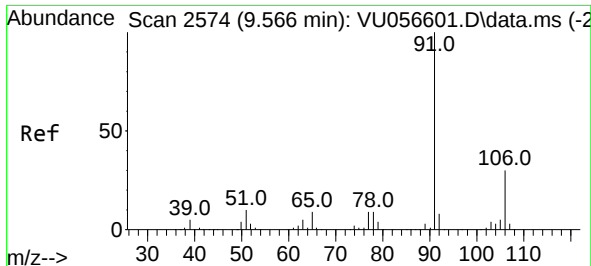
Ion Ratio Lower Upper

112 100

114 31.5 22.5 41.7

77 63.6 51.7 77.5

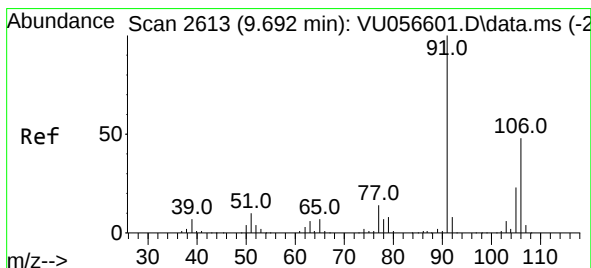
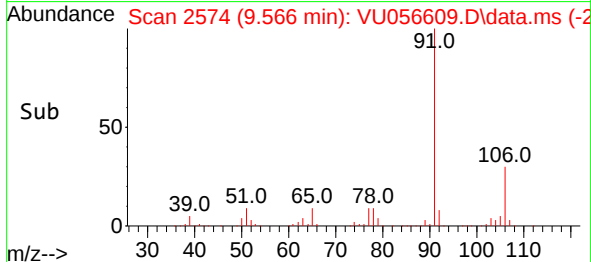
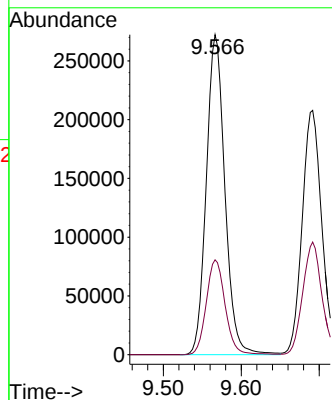
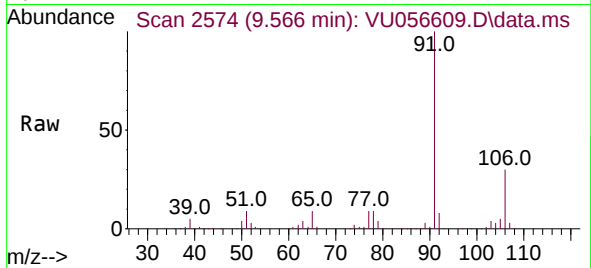




#52
Ethylbenzene
Concen: 4.900 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU056609.D
Acq: 27 Nov 2023 10:06

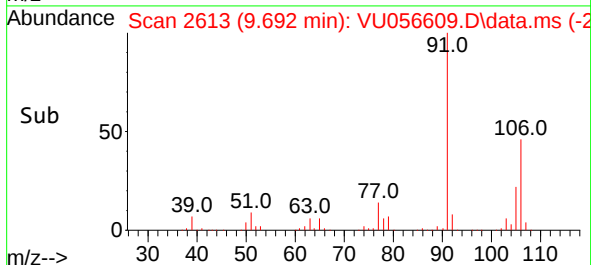
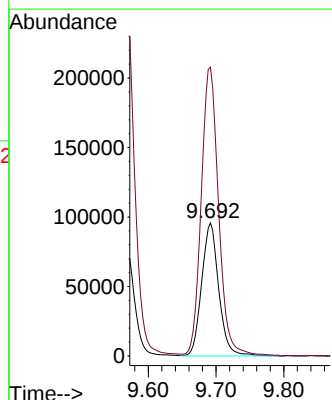
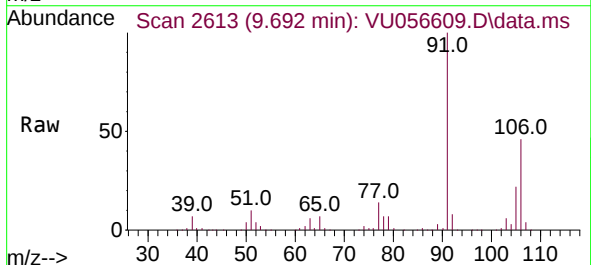
Instrument :
MSVOA_U
ClientSampleId :

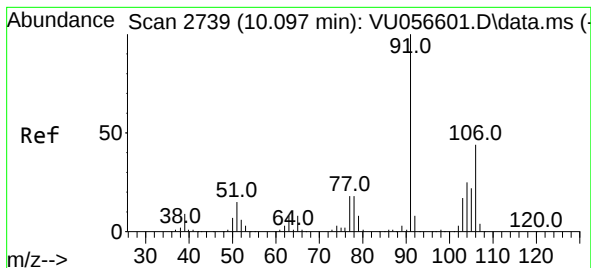
Tgt Ion: 91 Resp: 450922
Ion Ratio Lower Upper
91 100
106 29.7 21.1 39.1



#53
m,p-Xylene
Concen: 4.945 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU056609.D
Acq: 27 Nov 2023 10:06

Tgt Ion: 106 Resp: 167312
Ion Ratio Lower Upper
106 100
91 217.0 149.6 277.8





#54

o-Xylene

Concen: 4.939 ug/L

RT: 10.097 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056609.D

Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_U

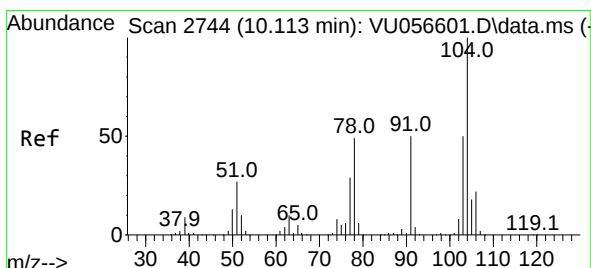
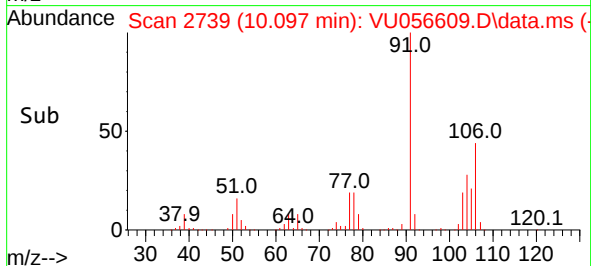
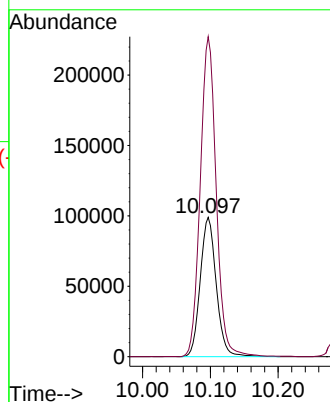
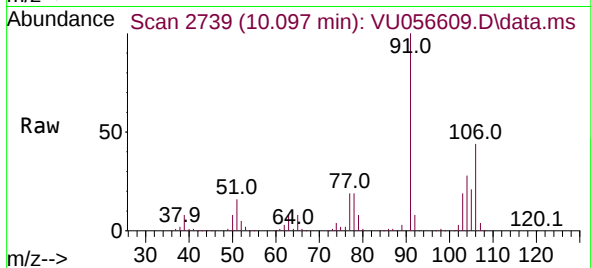
ClientSampleId :

Tgt Ion:106 Resp: 162330

Ion Ratio Lower Upper

106 100

91 229.7 159.3 295.9



#55

Styrene

Concen: 5.153 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. -0.000 min

Lab File: VU056609.D

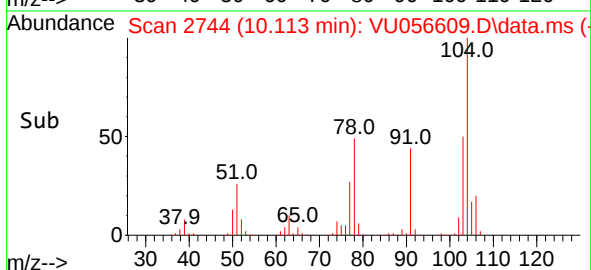
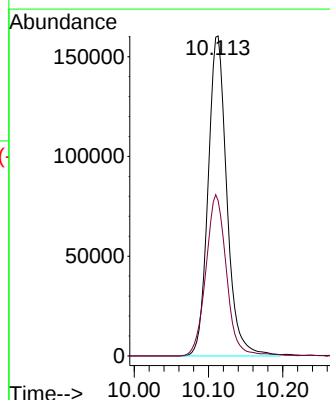
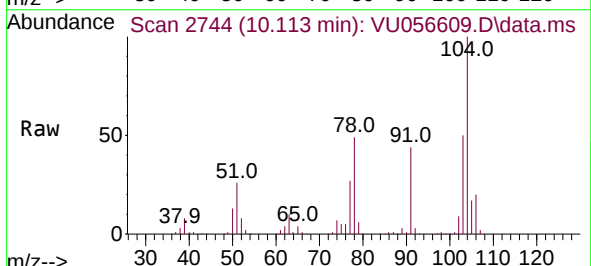
Acq: 27 Nov 2023 10:06

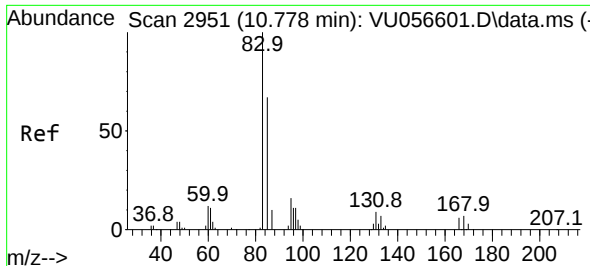
Tgt Ion:104 Resp: 281714

Ion Ratio Lower Upper

104 100

78 48.6 34.2 63.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.268 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VU056609.D

Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_U

ClientSampleId :

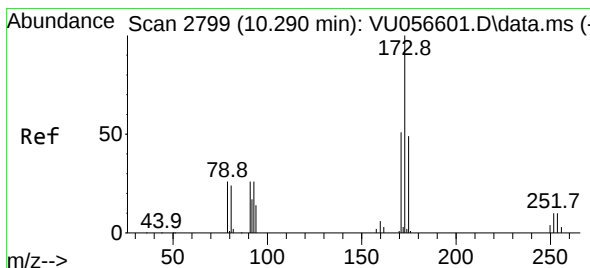
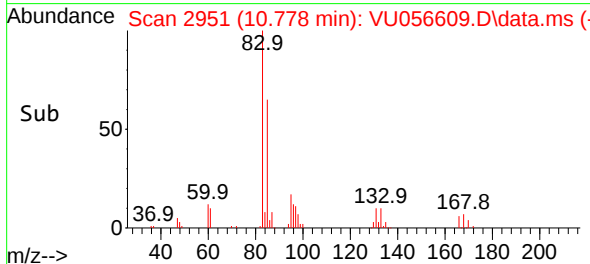
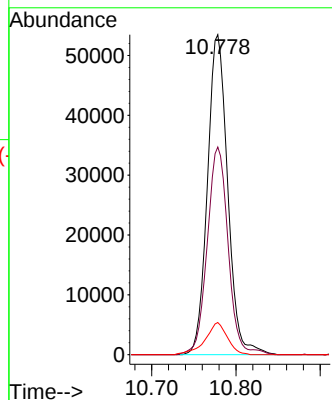
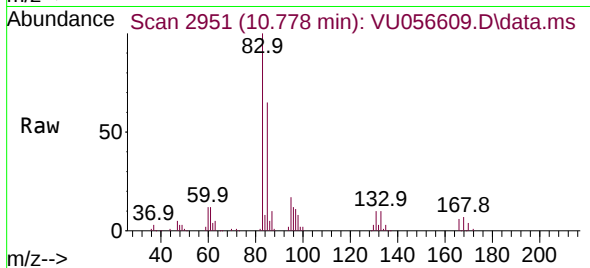
Tgt Ion: 83 Resp: 89433

Ion Ratio Lower Upper

83 100

85 64.9 46.3 86.1

131 10.0 6.7 10.1



#59

Bromoform

Concen: 5.435 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. -0.003 min

Lab File: VU056609.D

Acq: 27 Nov 2023 10:06

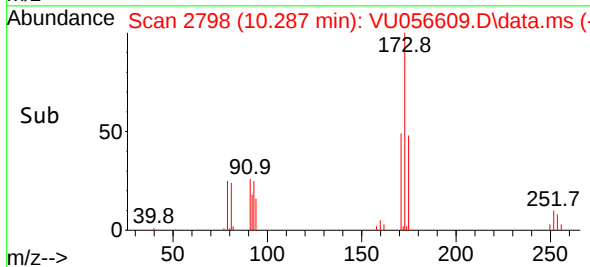
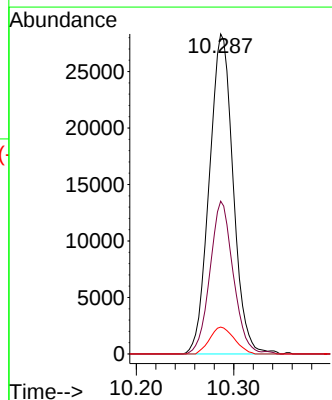
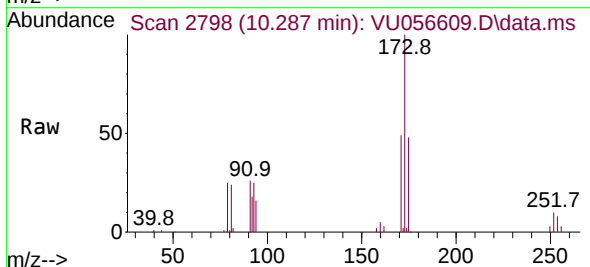
Tgt Ion: 173 Resp: 48189

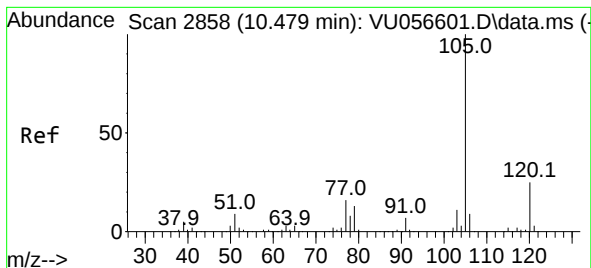
Ion Ratio Lower Upper

173 100

175 46.6 38.9 58.3

254 8.6 6.7 10.1





#60

Isopropylbenzene

Concen: 4.903 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU056609.D

Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_U

ClientSampleId :

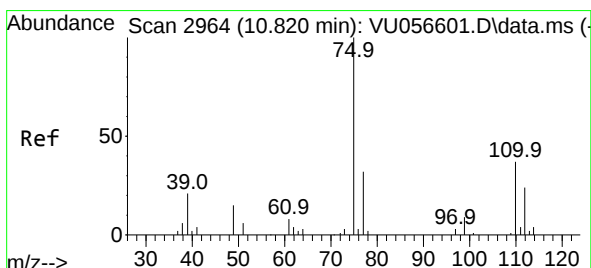
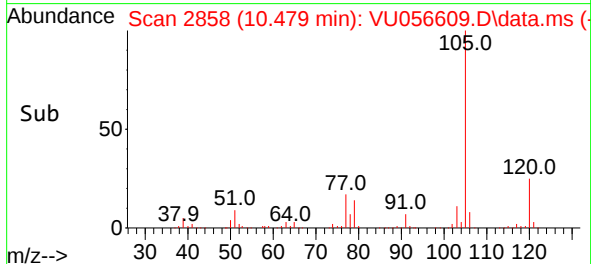
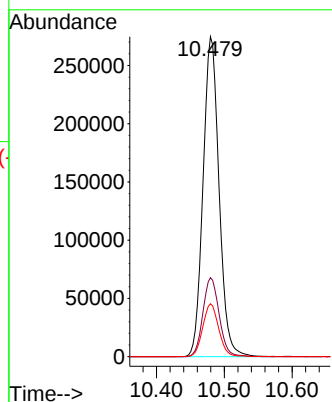
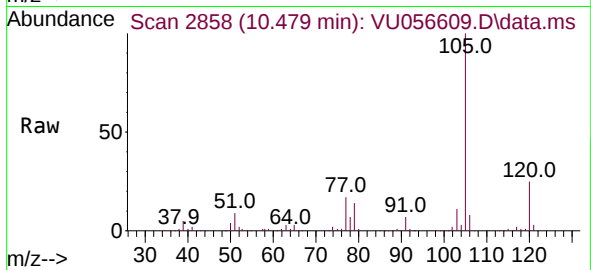
Tgt Ion:105 Resp: 450072

Ion Ratio Lower Upper

105 100

120 25.1 20.4 30.6

77 16.6 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 5.156 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. -0.000 min

Lab File: VU056609.D

Acq: 27 Nov 2023 10:06

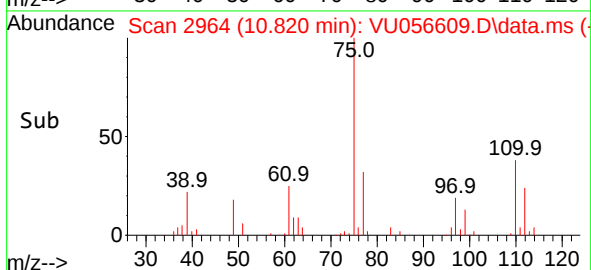
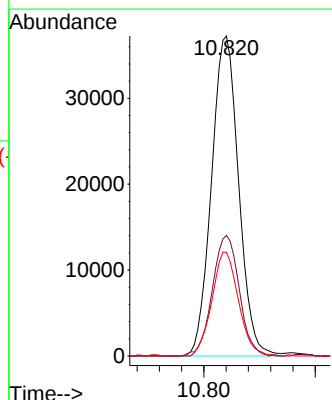
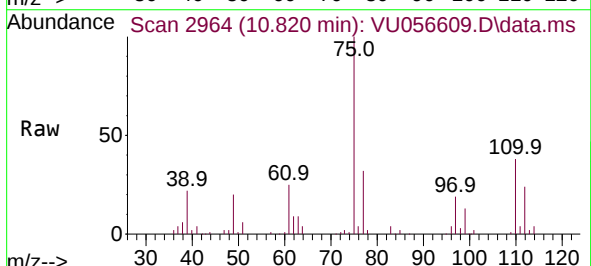
Tgt Ion: 75 Resp: 62969

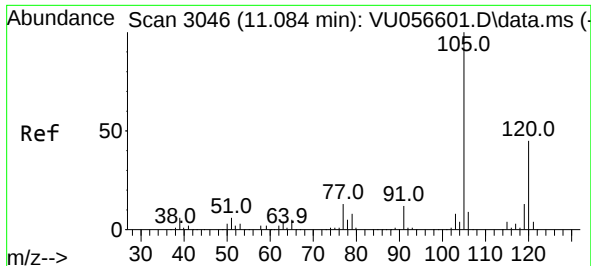
Ion Ratio Lower Upper

75 100

110 37.0 30.4 45.6

77 32.0 27.0 40.6





#62

1,3,5-Trimethylbenzene

Concen: 4.861 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU056609.D

Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_U

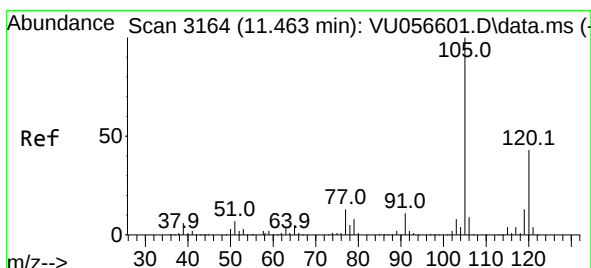
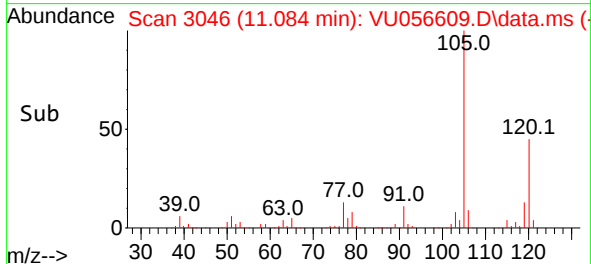
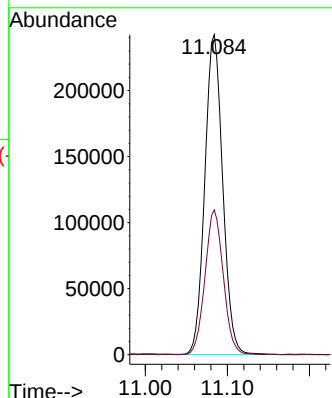
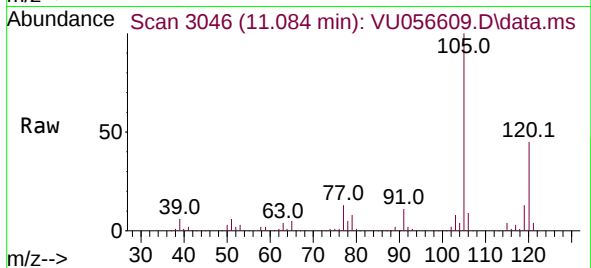
ClientSampleId :

Tgt Ion:105 Resp: 366377

Ion Ratio Lower Upper

105 100

120 46.3 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 4.996 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU056609.D

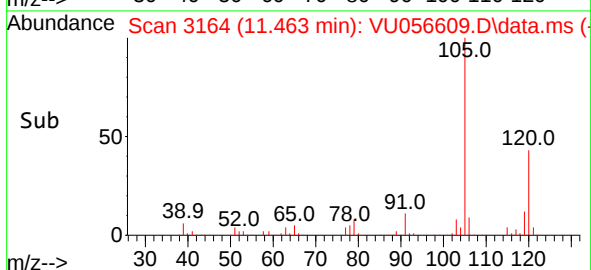
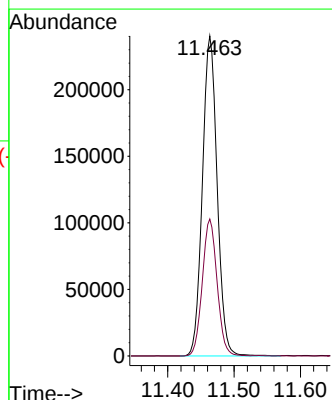
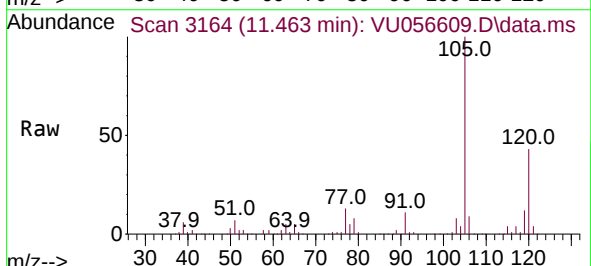
Acq: 27 Nov 2023 10:06

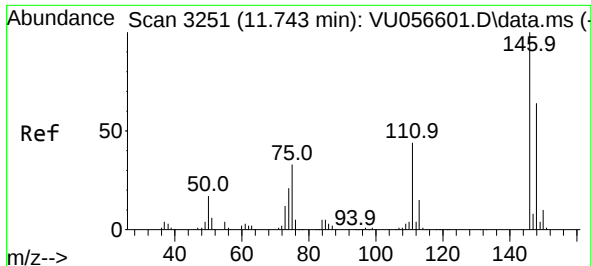
Tgt Ion:105 Resp: 371662

Ion Ratio Lower Upper

105 100

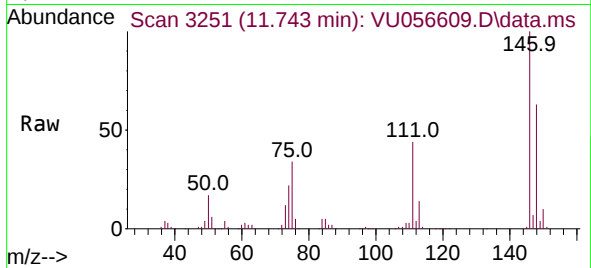
120 42.8 34.0 51.0



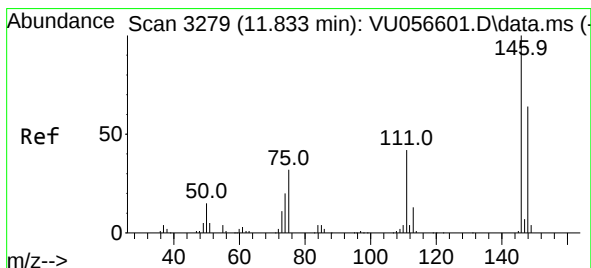
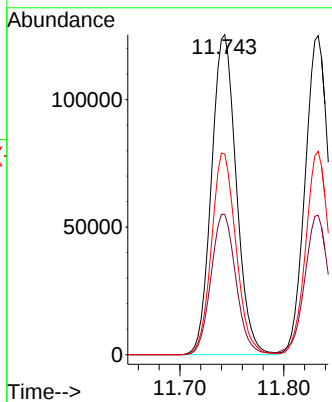
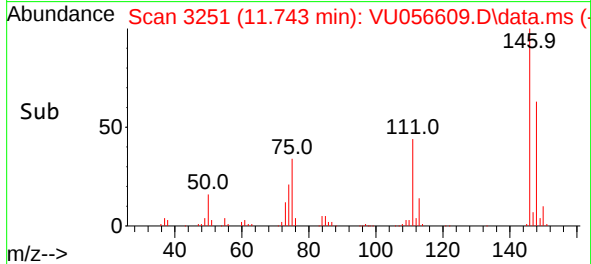


#64
1,3-Dichlorobenzene
Concen: 4.987 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU056609.D
Acq: 27 Nov 2023 10:06

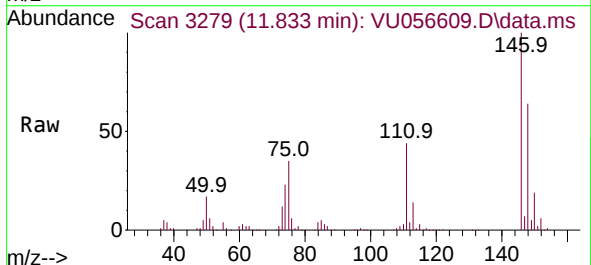
Instrument :
MSVOA_U
ClientSampleId :



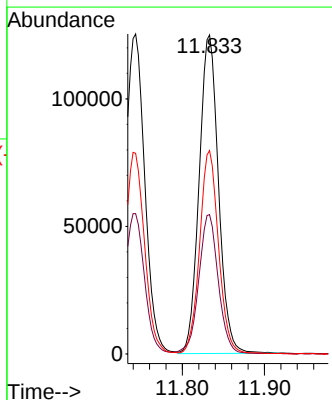
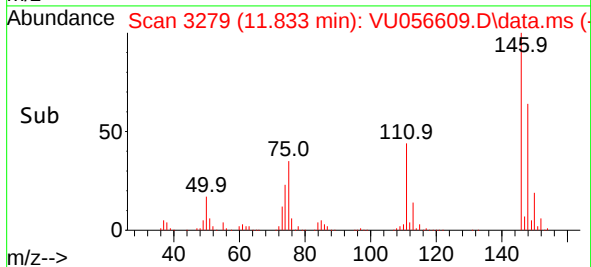
Tgt Ion:146 Resp: 208220
Ion Ratio Lower Upper
146 100
111 43.9 31.1 57.7
148 62.7 45.1 83.9

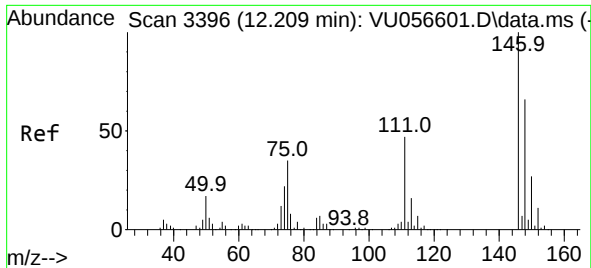


#65
1,4-Dichlorobenzene
Concen: 4.877 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU056609.D
Acq: 27 Nov 2023 10:06



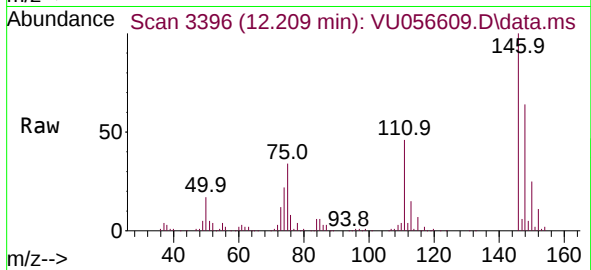
Tgt Ion:146 Resp: 204245
Ion Ratio Lower Upper
146 100
111 43.7 30.5 56.7
148 63.7 44.8 83.2



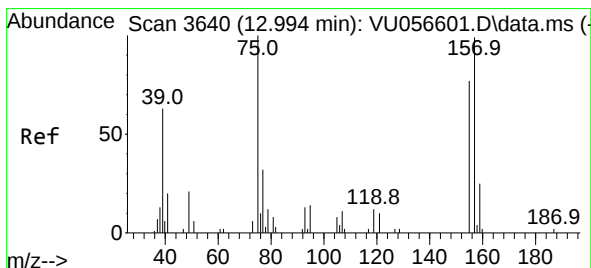
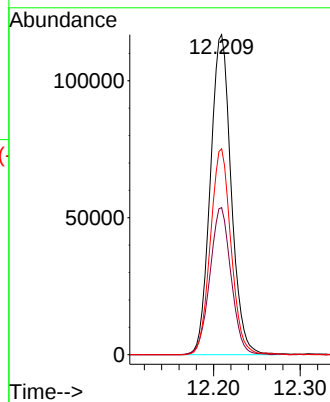
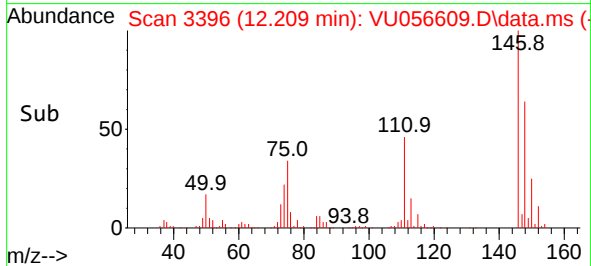


#67
1,2-Dichlorobenzene
Concen: 5.100 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. -0.000 min
Lab File: VU056609.D
Acq: 27 Nov 2023 10:06

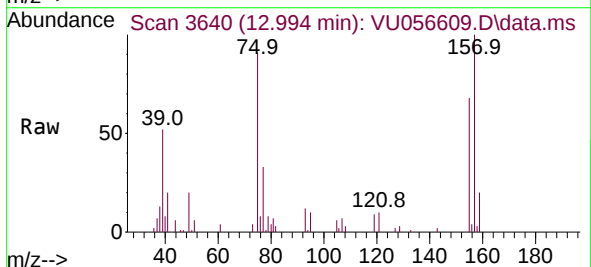
Instrument :
MSVOA_U
ClientSampleId :



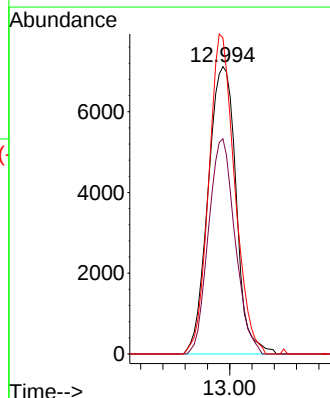
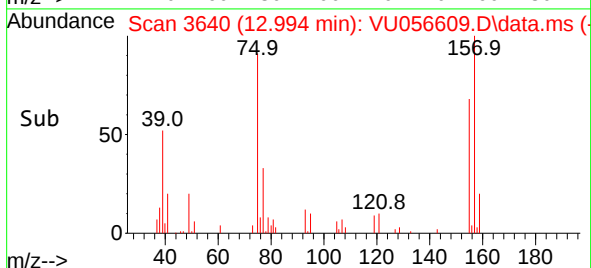
Tgt Ion:146 Resp: 195352
Ion Ratio Lower Upper
146 100
111 46.0 38.3 57.5
148 64.3 52.2 78.4

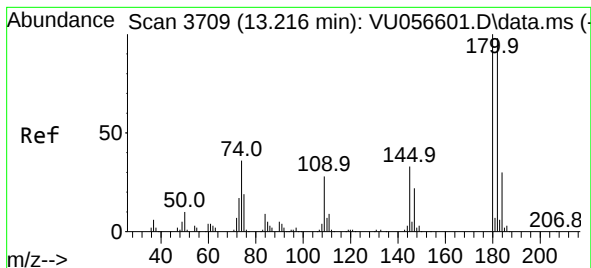


#68
1,2-Dibromo-3-chloropropane
Concen: 4.758 ug/L
RT: 12.994 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VU056609.D
Acq: 27 Nov 2023 10:06



Tgt Ion: 75 Resp: 12410
Ion Ratio Lower Upper
75 100
155 74.9 62.4 93.6
157 110.0 80.2 120.2





#69

1,3,5-Trichlorobenzene

Concen: 5.113 ug/L

RT: 13.216 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU056609.D

Acq: 27 Nov 2023 10:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 160740

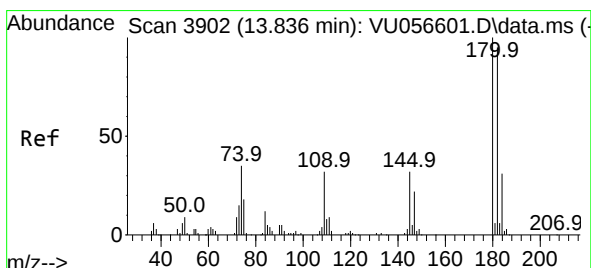
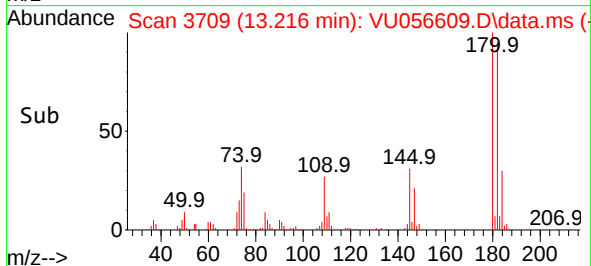
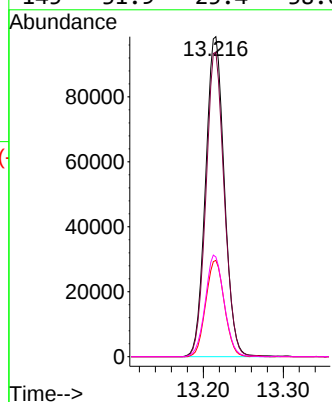
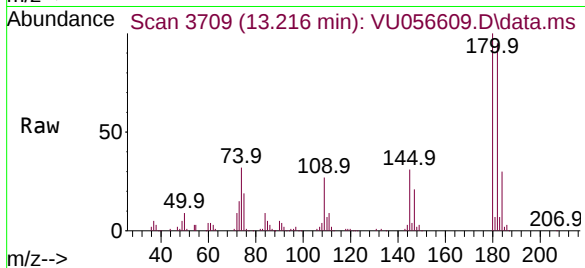
Ion Ratio Lower Upper

180 100

182 93.1 75.1 112.7

184 29.8 23.5 35.3

145 31.9 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.716 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU056609.D

Acq: 27 Nov 2023 10:06

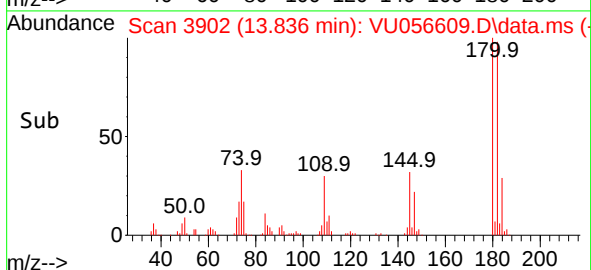
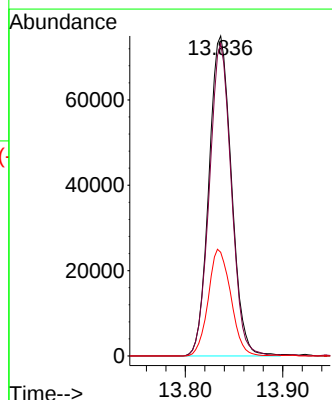
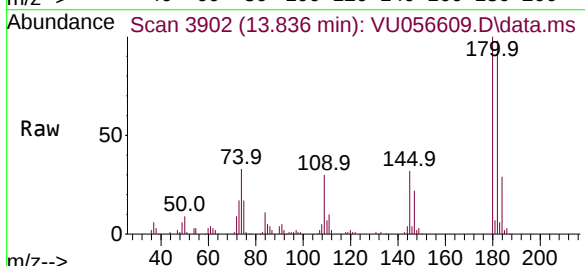
Tgt Ion:180 Resp: 120747

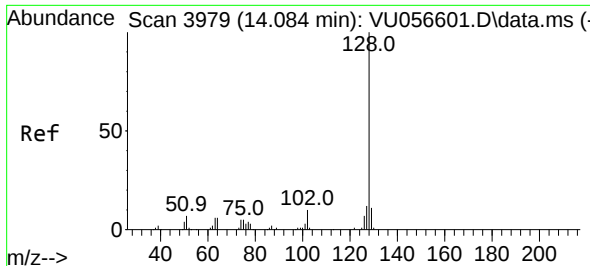
Ion Ratio Lower Upper

180 100

182 94.8 75.4 113.2

145 33.3 26.8 40.2

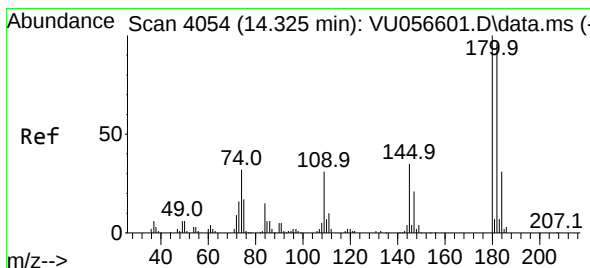
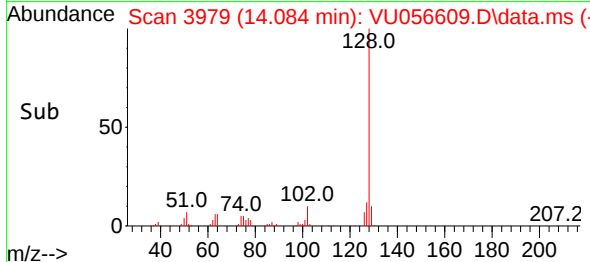
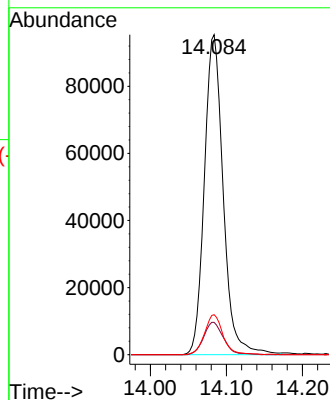
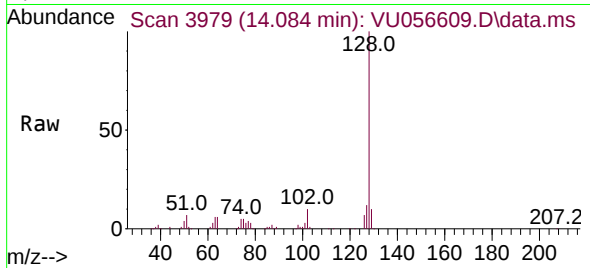




#71
Naphthalene
Concen: 4.245 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU056609.D
Acq: 27 Nov 2023 10:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 164214
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 12.3 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.673 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU056609.D
Acq: 27 Nov 2023 10:06

Tgt Ion:180 Resp: 98570
Ion Ratio Lower Upper
180 100
182 96.5 78.6 117.8
145 35.1 29.0 43.6

